284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

DATA PACKAGE

SEMI-VOLATILE ORGANICS

PROJECT NAME : NWIRP NORTHRUP GRUMMAN SITE – BETHPAGE, NY

ICE SERVICE GROUP, INC.

191 Central Avenue Suite 200C

Newark, NJ - 07103

Phone No: 4129165710

ORDER ID : Q3399

ATTENTION : Dennis D. Morgan, II

Laboratory Certification ID # 20012

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Cover Page

Order ID : Q3399

Project ID : NWIRP Northrup Grumman Site – Bethpage, NY

Client : ICE Service Group, Inc.

Lab Sample Number	Client Sample Number
Q3399-01	COMP-ROLLOFF
Q3399-02	COMP-ROLLOFF
Q3399-03	COMP-ROLLOFF
Q3399-04	COMP-ROLLOFF

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 12/17/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

ICE Service Group, Inc.
Project Name: NWIRP Northrup Grumman Site – Bethpage, NY
Project # N/A
Order ID # Q3399
Test Name: SVOC-TCL BNA -20

A. Number of Samples and Date of Receipt:
4 Solid samples were received on 10/20/2025.
B. Parameters
According to the Chain of Custody document, the following analyses were requested: SVOC-TCL BNA -20. This data package contains results for SVOC-TCL BNA -20.

C. Analytical Techniques:
The samples were analyzed on instrument BNA_G using GC Column ZB-Semi Volatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGA. The analysis of SVOC-TCL BNA -20 was based on method 8270E and extraction was done based on method 3541.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries were met for all analysis.
The Internal Standards Areas were met for all analysis.
The Retention Times were met for all analysis.

The MS {Q3399-01MS} with File ID: BG064683.D recoveries met the requirements for all compounds except for 1,4-Dioxane[67%] and Hexachlorocyclopentadiene[149%], due to matrix interference therefore no corrective action was taken.

The MSD {Q3399-01MSD} with File ID: BG064684.D recoveries met the requirements for all compounds except for 1,4-Dioxane[63%], 2-Nitrophenol[126%] and Hexachlorocyclopentadiene[151%], due to matrix interference therefore no corrective action was taken.

The RPD were met for all analysis
The Blank Spike Duplicate met requirements for all compounds.

The Blank Spike for {PB170206BS} with File ID: BG064674.D met requirements for all compounds except for 1,4-Dioxane[59%], marginally low, therefore no corrective action was taken, Hexachlorocyclopentadiene[127%] failing high but The associate samples have no positive hit for these compounds therefore no corrective action was taken.

The Blank analysis did not indicate the presence of lab contamination.

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The %RSD is greater than 20% in the Method 8270-BG102421.M for 2-Nitrophenol, 2-Nitroaniline, 2,6-Dinitrotoluene, 2,4-Dinitrophenol, 2,4-Dinitrotoluene, 4,6-Dinitro-2-methylphenol, these Compounds are passing on Linear regression,

The Continuous Calibration File ID BG064672.D met the requirements except for 2,4-Dinitrophenol,2,4-Dinitrotoluene,2,6-Dinitrotoluene,2-Nitroaniline,2-Nitrophenol,3-Nitroaniline,4,6-Dinitro-2-methylphenol,Hexachlorocyclopentadiene and Nitrobenzene-d5, The associate samples have no positive hit for these compounds therefore no corrective action was taken.

E. Additional Comments:
The sample # COMP-ROLLOFFMS and COMP-ROLLOFFMSD is failing for 2-Nitrophenol, Hexachlorocyclopentadiene,1,4-Dioxane, and the original sample(COMP-ROLLOFF) is reported with M flag for this compounds.
The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.
The soil samples results are based on a dry weight basis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

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DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value. This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

GC/MS SEMI-VOLATILE ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

ORDER ID: Q3399 MATRIX: Solid

METHOD: 8270E/3541

		NA	NO	YES
1.	Chromatograms Labeled/Compounds Identified. (Field samples and Method Blanks)			✓
2.	GC/MS Tuning Specifications. DFTPP Meet Criteria. (NOTE THAT THERE ARE DIFFERENT CRITERIA FOR NY ASP CLP, CLP AND NJ)			✓
3.	GC/MS Tuning Frequency - Performed every 24 hours for 600 series and 12 hours for 8000 Series.			✓
4.	GC/MS Calibration - Initial Calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours of sample analysis for 600 series and 12 hours for 8000 series.			✓
5.	GC/MS Calibration Requirements.		✓	
	The %RSD is greater than 20% in the Method 8270-BG102421.M for 2-Nitrophenol, 2-Nitroaniline, 2,6-Dinitrotoluene, 2,4-Dinitrophenol, 2,4-Dinitrotoluene, 4,6-Dinitro-2-methylphenolthese Compounds are passing on Linear regression, The Continuous Calibration File ID BG064672.D met the requirements except for 2,4-Dinitrophenol,2,4-Dinitrotoluene,2,6-Dinitrotoluene,2-Nitroaniline,2-Nitrophenol,3-Nitroaniline,4,6-Dinitro-2-methylphenol,Hexachlorocyclopentadiene and Nitrobenzene-d5, The associate samples have no positive hit for these compounds therefore no corrective action was taken.			
	The Continuous Calibration File ID BG064685.D met the requirements except for 2-Nitrophenol, faling high but The associate samples have no positive hit for these compounds therefore no corrective action was taken.			
6.	Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
7.	Surrogate Recoveries Meet Criteria			✓
	If not met, list those compounds and their recoveries which fall outside the acceptable ranges.			

GC/MS SEMI-VOLATILE ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

(CONTINUED)

		NA	NO	YES
8.	Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria		✓	
	If not met, list those compounds and their recoveries which fall outside the acceptable range.			
	The MS {Q3399-01MS} with File ID: BG064683.D recoveries met the requirements for all compounds except for 1,4-Dioxane[67%] and Hexachlorocyclopentadiene[149%], due to matrix interference therefore no corrective action was taken. The MSD {Q3399-01MSD} with File ID: BG064684.D recoveries met the requirements for all compounds except for 1,4-Dioxane[63%], 2-Nitrophenol[126%] and Hexachlorocyclopentadiene[151%], due to matrix interference therefore no corrective action was taken. The Blank Spike Duplicate met requirements for all compounds.The Blank Spike for {PB170206BS} with File ID: BG064674.D met requirements for all compounds except for 1,4-Dioxane[59%], marginally low, therefore no corrective action was taken, Hexachlorocyclopentadiene[127%] failing high but The associate samples have no positive hit for these compounds therefore no corrective action was taken.			
9.	Internal Standard Area/Retention Time Shift Meet Criteria		✓	
	Comments: The Internal Standards Areas were met for all analysis.			
10.	Extraction Holding Time Met			✓
	If not met, list number of days exceeded for each sample:			
11.	Analysis Holding Time Met			✓
	If not met, list number of days exceeded for each sample:			

ADDITIONAL COMMENTS:

The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.

The soil samples results are based on a dry weight basis.

_____ _____

QA REVIEW Date

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3399

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✓
Check chain-of-custody for proper relinquish/return of samples	✓
Is the chain of custody signed and complete	✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	✓
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✓
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✓
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✓
Do requested analyses on Chain of Custody agree with the log-in page	✓
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

QA Review Signature: SOHIL JODHANI **Date:** 12/17/2025

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LAB CHRONICLE

OrderID:	Q3399	**OrderDate:**	10/20/2025 1:23:08 PM
Client:	ICE Service Group, Inc.	**Project:**	NWIRP Northrup Grumman Site – Bethpage, NY
Contact:	Dennis D. Morgan, II	**Location:**	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3399-01	**COMP-ROLLOFF**	**SOIL**			**10/20/25**			**10/20/25**
			SVOC-TCL BNA -20	8270E		10/22/25	11/03/25	
Q3399-02	**COMP-ROLLOFF**	**TCLP**			**10/20/25**			**10/20/25**
			TCLP BNA	8270E		10/22/25	11/03/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3399

Client: ICE Service Group, Inc.

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	LOD	RDL	Units
Client ID :	**COMP-ROLLOFF**									
Q3399-01	COMP-ROLLOFF	SOIL	1-Docosene	*	190.000	J	0		0	ug/Kg
Q3399-01	COMP-ROLLOFF	SOIL	Benzophenone	*	240.000	J	0		0	ug/Kg
			Total Tics :		**430.00**					
			Total Concentration:		**430.00**					

QC SUMMARY

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Surrogate Summary

SW-846

SDG No.: Q3399

Client: ICE Service Group, Inc.

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB170206BL	PB170206BL	2-Fluorophenol	150	139	93		35	115
		Phenol-d6	150	127	85		34	127
		Nitrobenzene-d5	100	110	110		37	122
		2-Fluorobiphenyl	100	93.6	94		44	115
		2,4,6-Tribromophenol	150	159	106		39	132
		Terphenyl-d14	100	96.5	97		54	127
PB170206BS	PB170206BS	2-Fluorophenol	150	122	82		35	115
		Phenol-d6	150	123	82		34	127
		Nitrobenzene-d5	100	92.4	92		37	122
		2-Fluorobiphenyl	100	81.6	82		44	115
		2,4,6-Tribromophenol	150	147	98		39	132
		Terphenyl-d14	100	86.2	86		54	127
Q3399-01	COMP-ROLLOFF	2-Fluorophenol	150	89.1	59		35	115
		Phenol-d6	150	91.5	61		34	127
		Nitrobenzene-d5	100	74.2	74		37	122
		2-Fluorobiphenyl	100	64.5	65		44	115
		2,4,6-Tribromophenol	150	104	69		39	132
		Terphenyl-d14	100	61.8	62		54	127
Q3399-01MS	COMP-ROLLOFFMS	2-Fluorophenol	150	88.7	59		35	115
		Phenol-d6	150	91.3	61		34	127
		Nitrobenzene-d5	100	68.7	69		37	122
		2-Fluorobiphenyl	100	59.5	60		44	115
		2,4,6-Tribromophenol	150	119	79		39	132
		Terphenyl-d14	100	59.9	60		54	127
Q3399-01MSD	COMP-ROLLOFFMSD	2-Fluorophenol	150	91.1	61		35	115
		Phenol-d6	150	98.9	66		34	127
		Nitrobenzene-d5	100	74.1	74		37	122
		2-Fluorobiphenyl	100	60.0	60		44	115
		2,4,6-Tribromophenol	150	121	81		39	132
		Terphenyl-d14	100	60.6	61		54	127

Alliance TECHNICAL GROUP
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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** SW8270E

Client: ICE Service Group, Inc. **DataFile:** BG064683.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3399-01MS		**Client Sample ID: COMP-ROLLOFFMS**									
Benzaldehyde	1800	0	1100	ug/Kg	61				10	161	
Phenol	1800	0	1700	ug/Kg	94				34	121	
bis(2-Chloroethyl)ether	1800	0	1500	ug/Kg	83				31	120	
2-Chlorophenol	1800	0	1900	ug/Kg	106				34	121	
2-Methylphenol	1800	0	1800	ug/Kg	100				32	122	
2,2-oxybis(1-Chloropropane)	1800	0	1600	ug/Kg	89				33	131	
Acetophenone	1800	0	1900	ug/Kg	106				33	115	
3+4-Methylphenols	1800	0	1800	ug/Kg	100				34	119	
N-Nitroso-di-n-propylamine	1800	0	1700	ug/Kg	94				36	120	
Hexachloroethane	1800	0	1800	ug/Kg	100				28	117	
Nitrobenzene	1800	0	1900	ug/Kg	106				34	122	
Isophorone	1800	0	1600	ug/Kg	89				30	122	
2-Nitrophenol	1800	0	2200	ug/Kg	122				36	123	
2,4-Dimethylphenol	1800	0	1900	ug/Kg	106				30	127	
bis(2-Chloroethoxy)methane	1800	0	1600	ug/Kg	89				36	121	
2,4-Dichlorophenol	1800	0	2000	ug/Kg	111				40	122	
Naphthalene	1800	0	1700	ug/Kg	94				35	123	
4-Chloroaniline	1800	0	870	ug/Kg	48				17	106	
Hexachlorobutadiene	1800	0	1900	ug/Kg	106				32	123	
Caprolactam	1800	0	1500	ug/Kg	83				46	117	
4-Chloro-3-methylphenol	1800	0	1900	ug/Kg	106				45	122	
2-Methylnaphthalene	1800	0	1600	ug/Kg	89				38	122	
Hexachlorocyclopentadiene	3700	0	5500	ug/Kg	149	*			43	112	
2,4,6-Trichlorophenol	1800	0	2000	ug/Kg	111				39	126	
2,4,5-Trichlorophenol	1800	0	2000	ug/Kg	111				41	124	
1,1-Biphenyl	1800	0	1900	ug/Kg	106				40	117	
2-Chloronaphthalene	1800	0	1700	ug/Kg	94				41	114	
2-Nitroaniline	1800	0	1900	ug/Kg	106				44	127	
Dimethylphthalate	1800	0	1700	ug/Kg	94				48	124	
Acenaphthylene	1800	0	2000	ug/Kg	111				32	132	
2,6-Dinitrotoluene	1800	0	2100	ug/Kg	117				46	124	
3-Nitroaniline	1800	0	1600	ug/Kg	89				33	119	
Acenaphthene	1800	0	1900	ug/Kg	106				40	123	
2,4-Dinitrophenol	3700	0	4100	ug/Kg	111				15	130	
4-Nitrophenol	3700	0	3500	ug/Kg	95				30	132	
Dibenzofuran	1800	0	1800	ug/Kg	100				44	120	
2,4-Dinitrotoluene	1800	0	2100	ug/Kg	117				48	126	
Diethylphthalate	1800	0	1700	ug/Kg	94				50	124	
4-Chlorophenyl-phenylether	1800	0	1900	ug/Kg	106				45	121	
Fluorene	1800	0	1800	ug/Kg	100				43	125	
4-Nitroaniline	1800	0	2000	ug/Kg	111				35	115	
4,6-Dinitro-2-methylphenol	1800	0	2300	ug/Kg	128				29	132	
N-Nitrosodiphenylamine	1800	0	1800	ug/Kg	100				38	127	
4-Bromophenyl-phenylether	1800	0	1900	ug/Kg	106				46	124	
Hexachlorobenzene	1800	0	2000	ug/Kg	111				45	122	
Atrazine	1800	0	2000	ug/Kg	111				47	127	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** SW8270E

Client: ICE Service Group, Inc. **DataFile:** BG064683.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Pentachlorophenol	3700	0	2600	ug/Kg	70				25	133	
Phenanthrene	1800	0	1800	ug/Kg	100				50	121	
Anthracene	1800	0	1800	ug/Kg	100				47	123	
Carbazole	1800	0	1800	ug/Kg	100				50	123	
Di-n-butylphthalate	1800	0	1800	ug/Kg	100				51	128	
Fluoranthene	1800	0	1800	ug/Kg	100				50	127	
Pyrene	1800	0	1700	ug/Kg	94				47	127	
Butylbenzylphthalate	1800	0	1900	ug/Kg	106				48	132	
3,3-Dichlorobenzidine	1800	0	1300	ug/Kg	72				22	121	
Benzo(a)anthracene	1800	0	1800	ug/Kg	100				49	126	
Chrysene	1800	0	1800	ug/Kg	100				50	124	
bis(2-Ethylhexyl)phthalate	1800	0	1800	ug/Kg	100				51	133	
Di-n-octyl phthalate	1800	0	1900	ug/Kg	106				45	140	
Benzo(b)fluoranthene	1800	0	1800	ug/Kg	100				45	132	
Benzo(k)fluoranthene	1800	0	1800	ug/Kg	100				47	132	
Benzo(a)pyrene	1800	0	1900	ug/Kg	106				45	129	
Indeno(1,2,3-cd)pyrene	1800	0	1800	ug/Kg	100				45	133	
Dibenz(a,h)anthracene	1800	0	1800	ug/Kg	100				45	134	
Benzo(g,h,i)perylene	1800	0	1900	ug/Kg	106				43	134	
1,2,4,5-Tetrachlorobenzene	1800	0	2000	ug/Kg	111				37	119	
1,4-Dioxane	1800	0	1200	ug/Kg	67	*			70	130	
2,3,4,6-Tetrachlorophenol	1800	0	2000	ug/Kg	111				44	125	

Alliance TECHNICAL GROUP
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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** SW8270E

Client: ICE Service Group, Inc. **DataFile:** BG064684.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3399-01MSD		**Client Sample ID: COMP-ROLLOFFMSD**									
Benzaldehyde	1900	0	1200	ug/Kg	63		3		10	161	20
Phenol	1900	0	1800	ug/Kg	95		1		34	121	20
bis(2-Chloroethyl)ether	1900	0	1600	ug/Kg	84		1		31	120	20
2-Chlorophenol	1900	0	2000	ug/Kg	105		1		34	121	20
2-Methylphenol	1900	0	1900	ug/Kg	100		0		32	122	20
2,2-oxybis(1-Chloropropane)	1900	0	1600	ug/Kg	84		6		33	131	20
Acetophenone	1900	0	2000	ug/Kg	105		1		33	115	20
3+4-Methylphenols	1900	0	1800	ug/Kg	95		5		34	119	20
N-Nitroso-di-n-propylamine	1900	0	1700	ug/Kg	89		5		36	120	20
Hexachloroethane	1900	0	1900	ug/Kg	100		0		28	117	20
Nitrobenzene	1900	0	2000	ug/Kg	105		1		34	122	20
Isophorone	1900	0	1700	ug/Kg	89		0		30	122	20
2-Nitrophenol	1900	0	2400	ug/Kg	126	*	3		36	123	20
2,4-Dimethylphenol	1900	0	2000	ug/Kg	105		1		30	127	20
bis(2-Chloroethoxy)methane	1900	0	1700	ug/Kg	89		0		36	121	20
2,4-Dichlorophenol	1900	0	2100	ug/Kg	111		0		40	122	20
Naphthalene	1900	0	1800	ug/Kg	95		1		35	123	20
4-Chloroaniline	1900	0	930	ug/Kg	49		2		17	106	20
Hexachlorobutadiene	1900	0	2000	ug/Kg	105		1		32	123	20
Caprolactam	1900	0	1700	ug/Kg	89		7		46	117	20
4-Chloro-3-methylphenol	1900	0	2000	ug/Kg	105		1		45	122	20
2-Methylnaphthalene	1900	0	1700	ug/Kg	89		0		38	122	20
Hexachlorocyclopentadiene	3700	0	5600	ug/Kg	151	*	1		43	112	20
2,4,6-Trichlorophenol	1900	0	2100	ug/Kg	111		0		39	126	20
2,4,5-Trichlorophenol	1900	0	2000	ug/Kg	105		6		41	124	20
1,1-Biphenyl	1900	0	2000	ug/Kg	105		1		40	117	20
2-Chloronaphthalene	1900	0	1800	ug/Kg	95		1		41	114	20
2-Nitroaniline	1900	0	2000	ug/Kg	105		1		44	127	20
Dimethylphthalate	1900	0	1800	ug/Kg	95		1		48	124	20
Acenaphthylene	1900	0	2000	ug/Kg	105		6		32	132	20
2,6-Dinitrotoluene	1900	0	2200	ug/Kg	116		1		46	124	20
3-Nitroaniline	1900	0	1600	ug/Kg	84		6		33	119	20
Acenaphthene	1900	0	2000	ug/Kg	105		1		40	123	20
2,4-Dinitrophenol	3700	0	4000	ug/Kg	108		3		15	130	20
4-Nitrophenol	3700	0	3500	ug/Kg	95		0		30	132	20
Dibenzofuran	1900	0	1800	ug/Kg	95		5		44	120	20
2,4-Dinitrotoluene	1900	0	2100	ug/Kg	111		5		48	126	20
Diethylphthalate	1900	0	1800	ug/Kg	95		1		50	124	20
4-Chlorophenyl-phenylether	1900	0	1900	ug/Kg	100		6		45	121	20
Fluorene	1900	0	1800	ug/Kg	95		5		43	125	20
4-Nitroaniline	1900	0	2000	ug/Kg	105		6		35	115	20
4,6-Dinitro-2-methylphenol	1900	0	2400	ug/Kg	126		2		29	132	20
N-Nitrosodiphenylamine	1900	0	1900	ug/Kg	100		0		38	127	20
4-Bromophenyl-phenylether	1900	0	2000	ug/Kg	105		1		46	124	20
Hexachlorobenzene	1900	0	2000	ug/Kg	105		6		45	122	20
Atrazine	1900	0	2000	ug/Kg	105		6		47	127	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** SW8270E

Client: ICE Service Group, Inc. **DataFile:** BG064684.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	3700	0	2600	ug/Kg	70		0		25	133	20
Phenanthrene	1900	0	1800	ug/Kg	95		5		50	121	20
Anthracene	1900	0	1800	ug/Kg	95		5		47	123	20
Carbazole	1900	0	1800	ug/Kg	95		5		50	123	20
Di-n-butylphthalate	1900	0	1800	ug/Kg	95		5		51	128	20
Fluoranthene	1900	0	1800	ug/Kg	95		5		50	127	20
Pyrene	1900	0	1700	ug/Kg	89		5		47	127	20
Butylbenzylphthalate	1900	0	2000	ug/Kg	105		1		48	132	20
3,3-Dichlorobenzidine	1900	0	1400	ug/Kg	74		3		22	121	20
Benzo(a)anthracene	1900	0	1800	ug/Kg	95		5		49	126	20
Chrysene	1900	0	1800	ug/Kg	95		5		50	124	20
bis(2-Ethylhexyl)phthalate	1900	0	1900	ug/Kg	100		0		51	133	20
Di-n-octyl phthalate	1900	0	1900	ug/Kg	100		6		45	140	20
Benzo(b)fluoranthene	1900	0	1900	ug/Kg	100		0		45	132	20
Benzo(k)fluoranthene	1900	0	1900	ug/Kg	100		0		47	132	20
Benzo(a)pyrene	1900	0	1900	ug/Kg	100		6		45	129	20
Indeno(1,2,3-cd)pyrene	1900	0	1900	ug/Kg	100		0		45	133	20
Dibenz(a,h)anthracene	1900	0	1900	ug/Kg	100		0		45	134	20
Benzo(g,h,i)perylene	1900	0	1900	ug/Kg	100		6		43	134	20
1,2,4,5-Tetrachlorobenzene	1900	0	2100	ug/Kg	111		0		37	119	20
1,4-Dioxane	1900	0	1200	ug/Kg	63	*	6		70	130	20
2,3,4,6-Tetrachlorophenol	1900	0	2200	ug/Kg	116		4		44	125	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** 8270E

Client: ICE Service Group, Inc. **DataFile:** BG064674.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170206BS	Benzaldehyde	1700	980	ug/Kg	58				10	161	
	Phenol	1700	1400	ug/Kg	82				34	121	
	bis(2-Chloroethyl)ether	1700	1300	ug/Kg	76				31	120	
	2-Chlorophenol	1700	1500	ug/Kg	88				34	121	
	2-Methylphenol	1700	1500	ug/Kg	88				32	122	
	2,2-oxybis(1-Chloropropane)	1700	1300	ug/Kg	76				33	131	
	Acetophenone	1700	1500	ug/Kg	88				33	115	
	3+4-Methylphenols	1700	1400	ug/Kg	82				34	119	
	N-Nitroso-di-n-propylamine	1700	1300	ug/Kg	76				36	120	
	Hexachloroethane	1700	1400	ug/Kg	82				28	117	
	Nitrobenzene	1700	1500	ug/Kg	88				34	122	
	Isophorone	1700	1300	ug/Kg	76				30	122	
	2-Nitrophenol	1700	1700	ug/Kg	100				36	123	
	2,4-Dimethylphenol	1700	1600	ug/Kg	94				30	127	
	bis(2-Chloroethoxy)methane	1700	1300	ug/Kg	76				36	121	
	2,4-Dichlorophenol	1700	1600	ug/Kg	94				40	122	
	Naphthalene	1700	1400	ug/Kg	82				35	123	
	4-Chloroaniline	1700	700	ug/Kg	41				17	106	
	Hexachlorobutadiene	1700	1500	ug/Kg	88				32	123	
	Caprolactam	1700	1400	ug/Kg	82				46	117	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				45	122	
	2-Methylnaphthalene	1700	1300	ug/Kg	76				38	122	
	Hexachlorocyclopentadiene	3300	4200	ug/Kg	127		*		43	112	
	2,4,6-Trichlorophenol	1700	1700	ug/Kg	100				39	126	
	2,4,5-Trichlorophenol	1700	1600	ug/Kg	94				41	124	
	1,1-Biphenyl	1700	1600	ug/Kg	94				40	117	
	2-Chloronaphthalene	1700	1400	ug/Kg	82				41	114	
	2-Nitroaniline	1700	1500	ug/Kg	88				44	127	
	Dimethylphthalate	1700	1500	ug/Kg	88				48	124	
	Acenaphthylene	1700	1700	ug/Kg	100				32	132	
	2,6-Dinitrotoluene	1700	1800	ug/Kg	106				46	124	
	3-Nitroaniline	1700	1200	ug/Kg	71				33	119	
	Acenaphthene	1700	1600	ug/Kg	94				40	123	
	2,4-Dinitrophenol	3300	3700	ug/Kg	112				15	130	
	4-Nitrophenol	3300	3100	ug/Kg	94				30	132	
	Dibenzofuran	1700	1400	ug/Kg	82				44	120	
	2,4-Dinitrotoluene	1700	1700	ug/Kg	100				48	126	
	Diethylphthalate	1700	1500	ug/Kg	88				50	124	
	4-Chlorophenyl-phenylether	1700	1500	ug/Kg	88				45	121	
	Fluorene	1700	1500	ug/Kg	88				43	125	
	4-Nitroaniline	1700	1700	ug/Kg	100				35	115	
	4,6-Dinitro-2-methylphenol	1700	1900	ug/Kg	112				29	132	
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				38	127	
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				46	124	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** 8270E

Client: ICE Service Group, Inc. **DataFile:** BG064674.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB170206BS	Hexachlorobenzene	1700	1500	ug/Kg	88				45	122	
	Atrazine	1700	1600	ug/Kg	94				47	127	
	Pentachlorophenol	3300	3300	ug/Kg	100				25	133	
	Phenanthrene	1700	1500	ug/Kg	88				50	121	
	Anthracene	1700	1500	ug/Kg	88				47	123	
	Carbazole	1700	1500	ug/Kg	88				50	123	
	Di-n-butylphthalate	1700	1500	ug/Kg	88				51	128	
	Fluoranthene	1700	1500	ug/Kg	88				50	127	
	Pyrene	1700	1400	ug/Kg	82				47	127	
	Butylbenzylphthalate	1700	1600	ug/Kg	94				48	132	
	3,3-Dichlorobenzidine	1700	1100	ug/Kg	65				22	121	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				49	126	
	Chrysene	1700	1400	ug/Kg	82				50	124	
	bis(2-Ethylhexyl)phthalate	1700	1600	ug/Kg	94				51	133	
	Di-n-octyl phthalate	1700	1600	ug/Kg	94				45	140	
	Benzo(b)fluoranthene	1700	1500	ug/Kg	88				45	132	
	Benzo(k)fluoranthene	1700	1500	ug/Kg	88				47	132	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				45	129	
	Indeno(1,2,3-cd)pyrene	1700	1500	ug/Kg	88				45	133	
	Dibenz(a,h)anthracene	1700	1500	ug/Kg	88				45	134	
	Benzo(g,h,i)perylene	1700	1500	ug/Kg	88				43	134	
	1,2,4,5-Tetrachlorobenzene	1700	1600	ug/Kg	94				37	119	
	1,4-Dioxane	1700	1000	ug/Kg	59		*		70	130	
	2,3,4,6-Tetrachlorophenol	1700	1800	ug/Kg	106				44	125	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB170206BL

Lab Name: Alliance | Contract: ICES02

Lab Code: ACE | SDG NO.: Q3399

Lab File ID: BG064673.D | Lab Sample ID: PB170206BL

Instrument ID: BNA_G | Date Extracted: 10/22/2025

Matrix: (soil/water) SOIL | Date Analyzed: 11/03/2025

Level: (low/med) LOW | Time Analyzed: 15:16

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170206BS	PB170206BS	BG064674.D	11/03/2025
COMP-ROLLOFF	Q3399-01	BG064682.D	11/03/2025
COMP-ROLLOFFMS	Q3399-01MS	BG064683.D	11/03/2025
COMP-ROLLOFFMSD	Q3399-01MSD	BG064684.D	11/03/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG NO.: Q3399

Lab File ID: BG064568.D DFTPP Injection Date: 10/24/2025

Instrument ID: BNA_G DFTPP Injection Time: 08:20

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	35.3
70	Less than 2.0% of mass 69	0.1 (0.2) 1
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.2
365	Greater than 1% of mass 198	5.1
441	Present, but less than mass 443	15.1
442	Greater than 50% of mass 198	92.7
443	15.0 - 24.0% of mass 442	17.5 (18.9) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BG064569.D	10/24/2025	09:00
SSTDICC005	SSTDICC005	BG064570.D	10/24/2025	09:41
SSTDICC010	SSTDICC010	BG064571.D	10/24/2025	11:02
SSTDICC020	SSTDICC020	BG064572.D	10/24/2025	12:23
SSTDICCC040	SSTDICCC040	BG064573.D	10/24/2025	13:03
SSTDICC060	SSTDICC060	BG064574.D	10/24/2025	13:44
SSTDICC080	SSTDICC080	BG064575.D	10/24/2025	14:24
SSTDICC050	SSTDICC050	BG064576.D	10/24/2025	15:32

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG NO.: Q3399

Lab File ID: BG064671.D DFTPP Injection Date: 11/03/2025

Instrument ID: BNA_G DFTPP Injection Time: 13:54

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.2 (0.7) 1
69	Mass 69 relative abundance	31.2
70	Less than 2.0% of mass 69	0.2 (0.7) 1
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
365	Greater than 1% of mass 198	6.3
441	Present, but less than mass 443	16.8
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	20.3 (20.3) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BG064672.D	11/03/2025	14:35
PB170206BL	PB170206BL	BG064673.D	11/03/2025	15:16
PB170206BS	PB170206BS	BG064674.D	11/03/2025	15:57
COMP-ROLLOFF	Q3399-01	BG064682.D	11/03/2025	21:24
COMP-ROLLOFFMS	Q3399-01MS	BG064683.D	11/03/2025	22:05
COMP-ROLLOFFMSD	Q3399-01MSD	BG064684.D	11/03/2025	22:46
SSTDCCC040EC	SSTDCCC040	BG064685.D	11/03/2025	23:27

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3399

Client ID : SSTDCCC040 Date Analyzed: 11/03/2025

Lab File ID: BG064672.D Time Analyzed: 14:35

Instrument ID: BNA_G GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	31906	8.207	126610	11.04	99069	14.83
	UPPER LIMIT	63812	8.707	253220	11.539	198138	15.334
	LOWER LIMIT	15953	7.707	63305	10.539	49534.5	14.334
	EPA SAMPLE NO.						
01	PB170206BL	33303	8.21	120360	11.04	97938	14.83
02	PB170206BS	31473	8.21	125369	11.04	100193	14.83
03	COMP-ROLLOFF	32053	8.21	122752	11.04	95326	14.83
04	COMP-ROLLOFFMS	30518	8.21	124719	11.03	97711	14.83
05	COMP-ROLLOFFMSD	29939	8.21	118752	11.03	97631	14.83

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3399

Client ID: SSTDCCC040 Date Analyzed: 11/03/2025

Lab File ID: BG064672.D Time Analyzed: 14:35

Instrument ID: BNA_G GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	239125	17.572	279624	21.85	296512	25.187
	UPPER LIMIT	478250	18.072	559248	22.35	593024	25.687
	LOWER LIMIT	119563	17.072	139812	21.35	148256	24.687
	EPA SAMPLE NO.						
01	PB170206BL	255703	17.57	321187	21.84	341510	25.17
02	PB170206BS	249048	17.57	291284	21.85	304737	25.18
03	COMP-ROLLOFF	251613	17.57	301190	21.84	331540	25.17
04	COMP-ROLLOFFMS	238341	17.57	278646	21.84	306904	25.17
05	COMP-ROLLOFFMSD	238127	17.57	275359	21.84	303393	25.18

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

SAMPLE DATA

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFF	SDG No.:	Q3399
Lab Sample ID:	Q3399-01	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	89.9
Sample Wt/Vol:	30.09 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS										
100-52-7	Benzaldehyde	300	U	1	170	300	370	ug/Kg	11/03/25 21:24	PB170206
108-95-2	Phenol	140	U	1	24.5	140	190	ug/Kg	11/03/25 21:24	PB170206
111-44-4	bis(2-Chloroethyl)ether	140	U	1	26.9	140	190	ug/Kg	11/03/25 21:24	PB170206
95-57-8	2-Chlorophenol	140	U	1	27.1	140	190	ug/Kg	11/03/25 21:24	PB170206
95-48-7	2-Methylphenol	140	U	1	33.2	140	190	ug/Kg	11/03/25 21:24	PB170206
108-60-1	2,2-oxybis(1-Chloropropane)	140	U	1	41.6	140	190	ug/Kg	11/03/25 21:24	PB170206
98-86-2	Acetophenone	140	U	1	32.7	140	190	ug/Kg	11/03/25 21:24	PB170206
65794-96-9	3+4-Methylphenols	300	U	1	45.6	300	370	ug/Kg	11/03/25 21:24	PB170206
621-64-7	n-Nitroso-di-n-propylamine	88.7	U	1	52.6	88.7	88.7	ug/Kg	11/03/25 21:24	PB170206
67-72-1	Hexachloroethane	140	U	1	19.5	140	190	ug/Kg	11/03/25 21:24	PB170206
98-95-3	Nitrobenzene	140	U	1	20.3	140	190	ug/Kg	11/03/25 21:24	PB170206
78-59-1	Isophorone	140	U	1	36.4	140	190	ug/Kg	11/03/25 21:24	PB170206
88-75-5	2-Nitrophenol	140	UM	1	64.5	140	190	ug/Kg	11/03/25 21:24	PB170206
105-67-9	2,4-Dimethylphenol	140	U	1	71.9	140	190	ug/Kg	11/03/25 21:24	PB170206
111-91-1	bis(2-Chloroethoxy)methane	140	U	1	34.2	140	190	ug/Kg	11/03/25 21:24	PB170206
120-83-2	2,4-Dichlorophenol	140	U	1	31.4	140	190	ug/Kg	11/03/25 21:24	PB170206
91-20-3	Naphthalene	140	U	1	25.2	140	190	ug/Kg	11/03/25 21:24	PB170206
106-47-8	4-Chloroaniline	140	U	1	39.3	140	190	ug/Kg	11/03/25 21:24	PB170206
87-68-3	Hexachlorobutadiene	140	U	1	28.1	140	190	ug/Kg	11/03/25 21:24	PB170206
105-60-2	Caprolactam	300	U	1	57.8	300	370	ug/Kg	11/03/25 21:24	PB170206
59-50-7	4-Chloro-3-methylphenol	140	U	1	31.8	140	190	ug/Kg	11/03/25 21:24	PB170206
91-57-6	2-Methylnaphthalene	140	U	1	28.4	140	190	ug/Kg	11/03/25 21:24	PB170206
77-47-4	Hexachlorocyclopentadiene	300	UQM	1	130	300	370	ug/Kg	11/03/25 21:24	PB170206
88-06-2	2,4,6-Trichlorophenol	140	U	1	22.0	140	190	ug/Kg	11/03/25 21:24	PB170206
95-95-4	2,4,5-Trichlorophenol	140	U	1	32.3	140	190	ug/Kg	11/03/25 21:24	PB170206
92-52-4	1,1-Biphenyl	140	U	1	24.2	140	190	ug/Kg	11/03/25 21:24	PB170206
91-58-7	2-Chloronaphthalene	140	U	1	25.0	140	190	ug/Kg	11/03/25 21:24	PB170206
88-74-4	2-Nitroaniline	140	U	1	53.3	140	190	ug/Kg	11/03/25 21:24	PB170206
131-11-3	Dimethylphthalate	140	U	1	30.1	140	190	ug/Kg	11/03/25 21:24	PB170206
208-96-8	Acenaphthylene	140	U	1	32.1	140	190	ug/Kg	11/03/25 21:24	PB170206
606-20-2	2,6-Dinitrotoluene	140	U	1	37.3	140	190	ug/Kg	11/03/25 21:24	PB170206
99-09-2	3-Nitroaniline	140	U	1	51.0	140	190	ug/Kg	11/03/25 21:24	PB170206
83-32-9	Acenaphthene	140	U	1	23.6	140	190	ug/Kg	11/03/25 21:24	PB170206
51-28-5	2,4-Dinitrophenol	300	U	1	250	300	370	ug/Kg	11/03/25 21:24	PB170206
100-02-7	4-Nitrophenol	300	U	1	120	300	370	ug/Kg	11/03/25 21:24	PB170206
132-64-9	Dibenzofuran	140	U	1	25.2	140	190	ug/Kg	11/03/25 21:24	PB170206
121-14-2	2,4-Dinitrotoluene	140	U	1	55.6	140	190	ug/Kg	11/03/25 21:24	PB170206
84-66-2	Diethylphthalate	140	U	1	31.4	140	190	ug/Kg	11/03/25 21:24	PB170206
7005-72-3	4-Chlorophenyl-phenylether	140	U	1	29.6	140	190	ug/Kg	11/03/25 21:24	PB170206
86-73-7	Fluorene	140	U	1	28.1	140	190	ug/Kg	11/03/25 21:24	PB170206
100-01-6	4-Nitroaniline	140	U	1	71.2	140	190	ug/Kg	11/03/25 21:24	PB170206
534-52-1	4,6-Dinitro-2-methylphenol	300	U	1	110	300	370	ug/Kg	11/03/25 21:24	PB170206

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFF	SDG No.:	Q3399
Lab Sample ID:	Q3399-01	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	89.9
Sample Wt/Vol:	30.09 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	140	U	1	36.5	140	190	ug/Kg	11/03/25 21:24	PB170206
101-55-3	4-Bromophenyl-phenylether	140	U	1	30.8	140	190	ug/Kg	11/03/25 21:24	PB170206
118-74-1	Hexachlorobenzene	140	U	1	28.1	140	190	ug/Kg	11/03/25 21:24	PB170206
1912-24-9	Atrazine	140	U	1	37.7	140	190	ug/Kg	11/03/25 21:24	PB170206
87-86-5	Pentachlorophenol	300	U	1	56.9	300	370	ug/Kg	11/03/25 21:24	PB170206
85-01-8	Phenanthrene	140	U	1	23.2	140	190	ug/Kg	11/03/25 21:24	PB170206
120-12-7	Anthracene	140	U	1	36.9	140	190	ug/Kg	11/03/25 21:24	PB170206
86-74-8	Carbazole	140	U	1	34.6	140	190	ug/Kg	11/03/25 21:24	PB170206
84-74-2	Di-n-butylphthalate	140	U	1	53.1	140	190	ug/Kg	11/03/25 21:24	PB170206
206-44-0	Fluoranthene	140	U	1	33.3	140	190	ug/Kg	11/03/25 21:24	PB170206
129-00-0	Pyrene	140	U	1	39.9	140	190	ug/Kg	11/03/25 21:24	PB170206
85-68-7	Butylbenzylphthalate	140	U	1	79.2	140	190	ug/Kg	11/03/25 21:24	PB170206
91-94-1	3,3-Dichlorobenzidine	300	U	1	40.7	300	370	ug/Kg	11/03/25 21:24	PB170206
56-55-3	Benzo(a)anthracene	140	U	1	25.5	140	190	ug/Kg	11/03/25 21:24	PB170206
218-01-9	Chrysene	140	U	1	22.1	140	190	ug/Kg	11/03/25 21:24	PB170206
117-81-7	Bis(2-ethylhexyl)phthalate	140	U	1	65.7	140	190	ug/Kg	11/03/25 21:24	PB170206
117-84-0	Di-n-octyl phthalate	300	U	1	96.3	300	370	ug/Kg	11/03/25 21:24	PB170206
205-99-2	Benzo(b)fluoranthene	140	U	1	21.1	140	190	ug/Kg	11/03/25 21:24	PB170206
207-08-9	Benzo(k)fluoranthene	140	U	1	24.8	140	190	ug/Kg	11/03/25 21:24	PB170206
50-32-8	Benzo(a)pyrene	140	U	1	32.7	140	190	ug/Kg	11/03/25 21:24	PB170206
193-39-5	Indeno(1,2,3-cd)pyrene	140	U	1	32.3	140	190	ug/Kg	11/03/25 21:24	PB170206
53-70-3	Dibenzo(a,h)anthracene	140	U	1	30.4	140	190	ug/Kg	11/03/25 21:24	PB170206
191-24-2	Benzo(g,h,i)perylene	140	U	1	28.5	140	190	ug/Kg	11/03/25 21:24	PB170206
95-94-3	1,2,4,5-Tetrachlorobenzene	140	U	1	28.4	140	190	ug/Kg	11/03/25 21:24	PB170206
123-91-1	1,4-Dioxane	140	UQM		50.1	140	190	ug/Kg	11/03/25 21:24	PB170206
58-90-2	2,3,4,6-Tetrachlorophenol	140	U	1	30.4	140	190	ug/Kg	11/03/25 21:24	PB170206
SURROGATES										
367-12-4	2-Fluorophenol	89.1			35 - 115		59%	SPK: 150		
13127-88-3	Phenol-d6	91.5			34 - 127		61%	SPK: 150		
4165-60-0	Nitrobenzene-d5	74.2			37 - 122		74%	SPK: 100		
321-60-8	2-Fluorobiphenyl	64.5			44 - 115		65%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	104			39 - 132		69%	SPK: 150		
1718-51-0	Terphenyl-d14	61.8			54 - 127		62%	SPK: 100		
INTERNAL STANDARDS		**Area Count**								
3855-82-1	1,4-Dichlorobenzene-d4	32100								
1146-65-2	Naphthalene-d8	123000								
15067-26-2	Acenaphthene-d10	95300								
1517-22-2	Phenanthrene-d10	252000								
1719-03-5	Chrysene-d12	301000								
1520-96-3	Perylene-d12	332000								
TENTATIVE IDENTIFIED COMPOUNDS										
000119-61-9	Benzophenone	240	J				16.2	ug/Kg		
001599-67-3	1-Docosene	190	J				21.5	ug/Kg		

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFF	SDG No.:	Q3399
Lab Sample ID:	Q3399-01	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	89.9
Sample Wt/Vol:	30.09 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064682.D
Acq On : 3 Nov 2025 21:24
Operator : RC/JU
Sample : Q3399-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

Quant Time: Nov 04 00:47:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

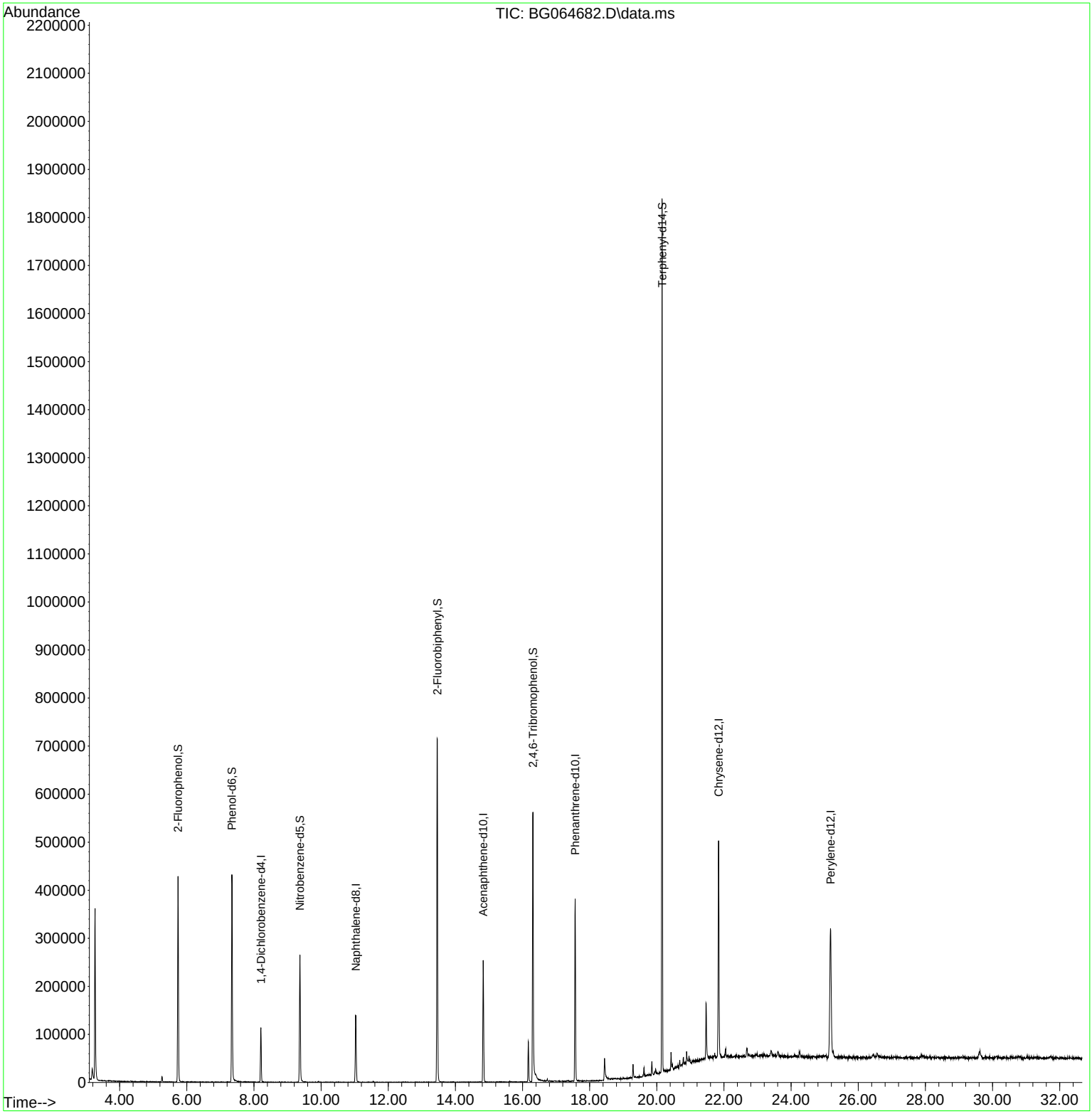
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.209	152	32053	20.000	ng	-0.01
21) Naphthalene-d8	11.035	136	122752	20.000	ng	-0.01
39) Acenaphthene-d10	14.831	164	95326	20.000	ng	-0.01
64) Phenanthrene-d10	17.569	188	251613	20.000	ng	-0.01
76) Chrysene-d12	21.840	240	301190	20.000	ng	#-0.02
86) Perylene-d12	25.171	264	331540	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.741	112	170063	89.056	ng	0.00
7) Phenol-d6	7.345	99	239763	91.498	ng	0.00
23) Nitrobenzene-d5	9.372	82	151636	74.196	ng	-0.01
42) 2,4,6-Tribromophenol	16.311	330	142623	103.662	ng	0.00
45) 2-Fluorobiphenyl	13.462	172	405682	64.506	ng	-0.01
79) Terphenyl-d14	20.160	244	985779	61.766	ng	-0.01
Target Compounds						Qvalue

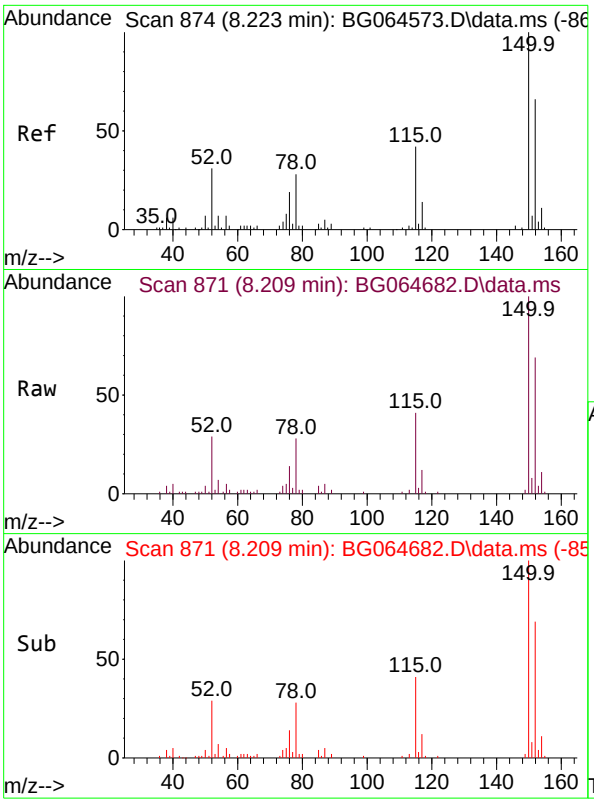
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064682.D
Acq On : 3 Nov 2025 21:24
Operator : RC/JU
Sample : Q3399-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

Quant Time: Nov 04 00:47:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration



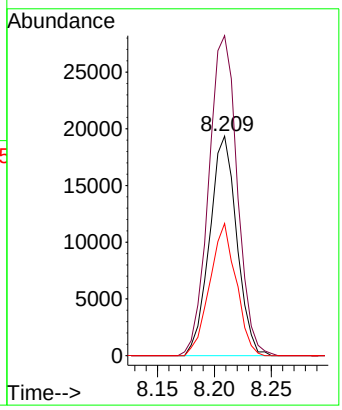


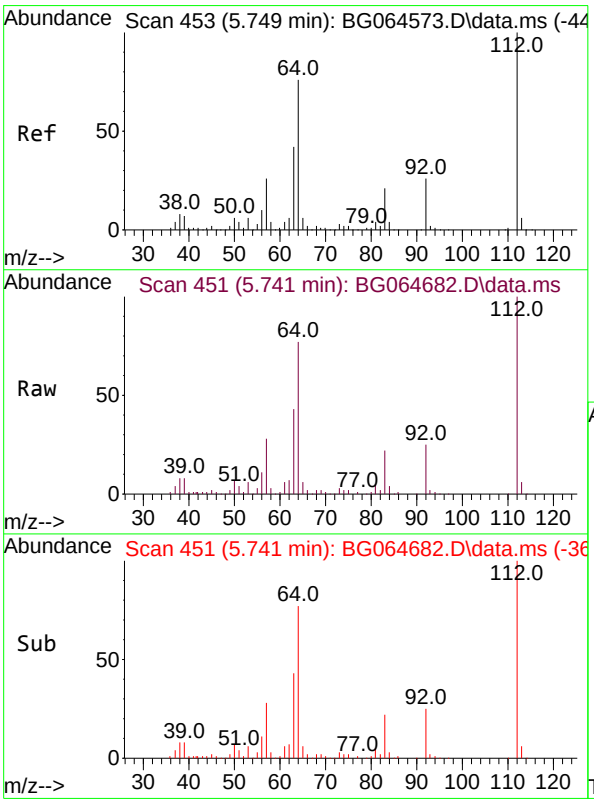
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.209 min Scan# 8
Delta R.T. -0.014 min
Lab File: BG064682.D
Acq: 3 Nov 2025 21:24

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

Tgt Ion:152 Resp: 32053

Ion	Ratio	Lower	Upper
152	100		
150	145.8	122.2	183.4
115	60.2	50.8	76.2

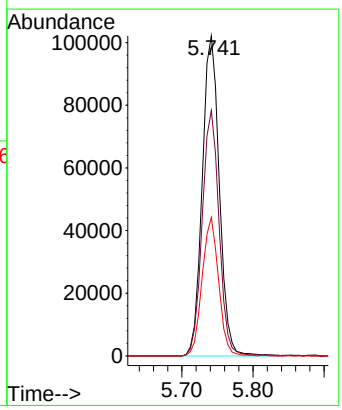


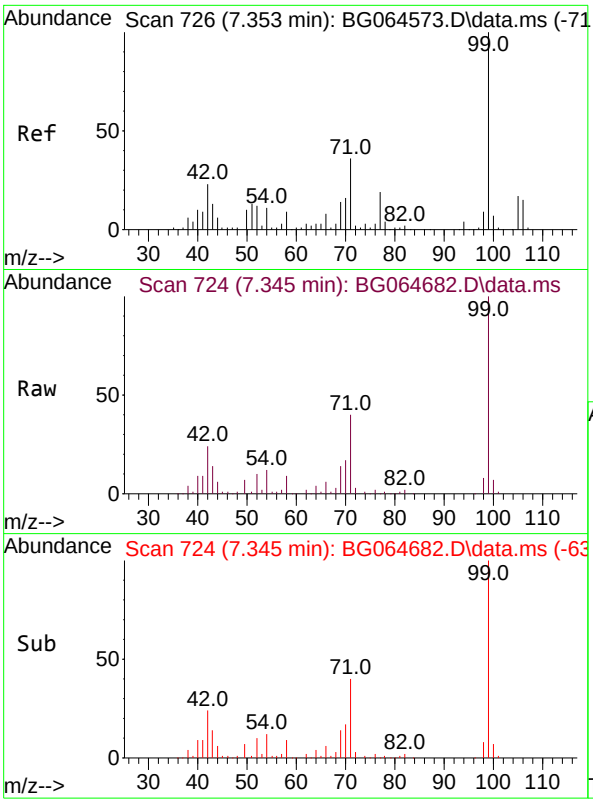


#5
2-Fluorophenol
Concen: 89.056 ng
RT: 5.741 min Scan# 451
Delta R.T. -0.008 min
Lab File: BG064682.D
Acq: 3 Nov 2025 21:24

Tgt Ion:112 Resp: 170063

Ion	Ratio	Lower	Upper
112	100		
64	76.7	60.7	91.1
63	43.3	33.4	50.0



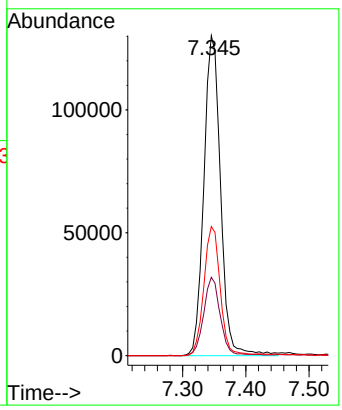


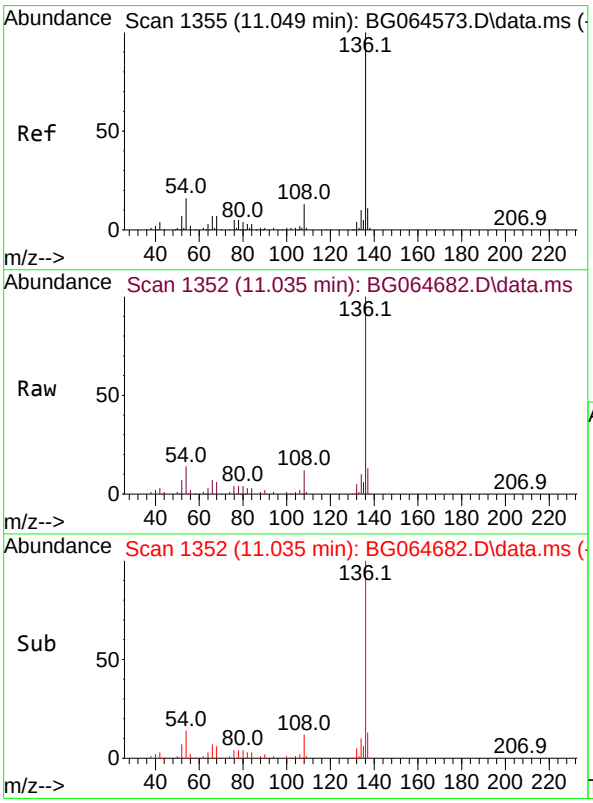
#7
Phenol-d6
Concen: 91.498 ng
RT: 7.345 min Scan# 7
Delta R.T. -0.008 min
Lab File: BG064682.D
Acq: 3 Nov 2025 21:24

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

Tgt Ion: 99 Resp: 239763

Ion	Ratio	Lower	Upper
99	100		
42	24.5	18.3	27.5
71	40.3	28.6	43.0

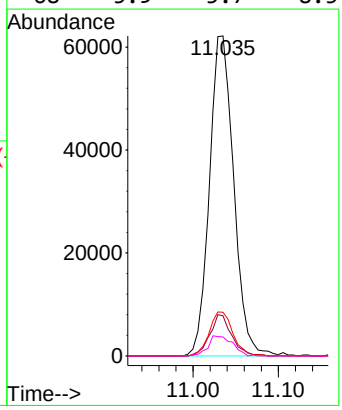


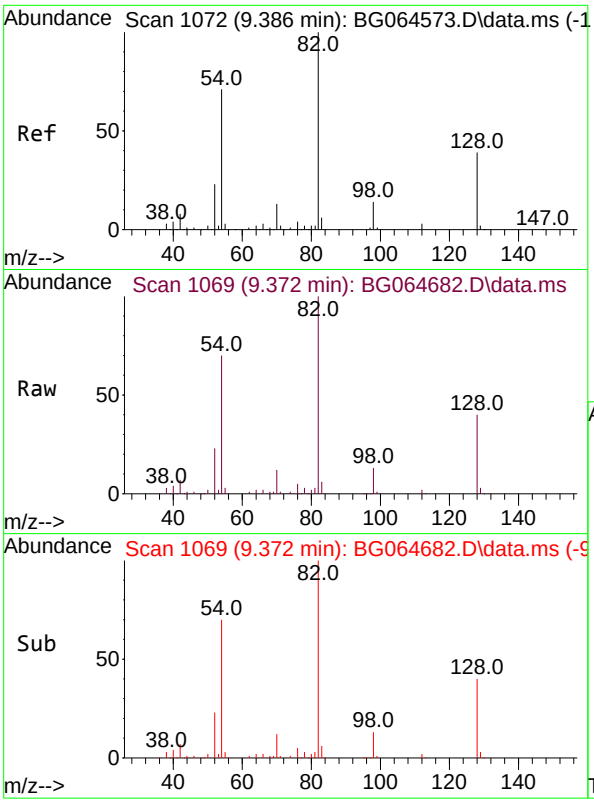


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.035 min Scan# 1352
Delta R.T. -0.014 min
Lab File: BG064682.D
Acq: 3 Nov 2025 21:24

Tgt Ion:136 Resp: 122752

Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.2	13.8
54	13.6	12.6	19.0
68	5.9	5.7	8.5



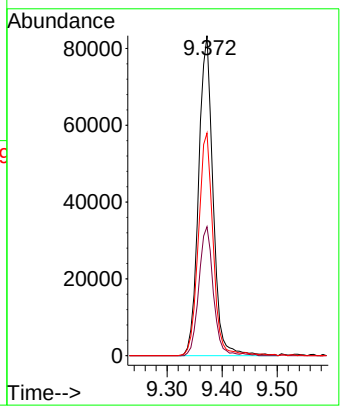


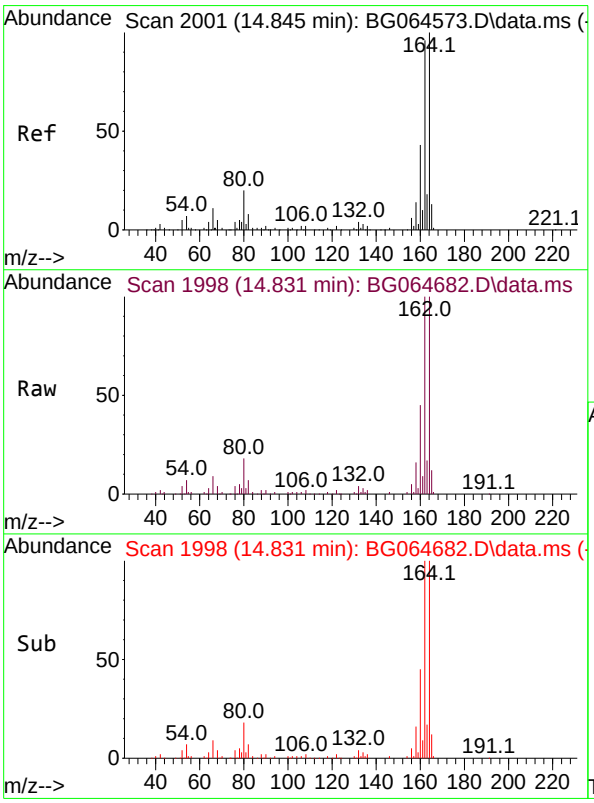
#23
Nitrobenzene-d5
Concen: 74.196 ng
RT: 9.372 min Scan# 1
Delta R.T. -0.014 min
Lab File: BG064682.D
Acq: 3 Nov 2025 21:24

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

Tgt Ion: 82 Resp: 151636

Ion	Ratio	Lower	Upper
82	100		
128	40.3	31.3	46.9
54	69.5	56.6	84.8

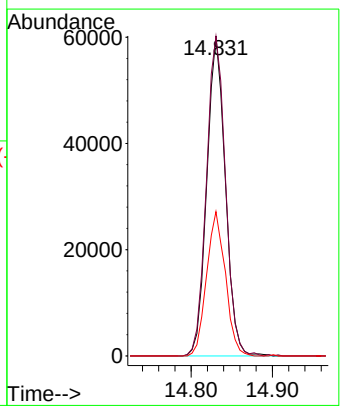


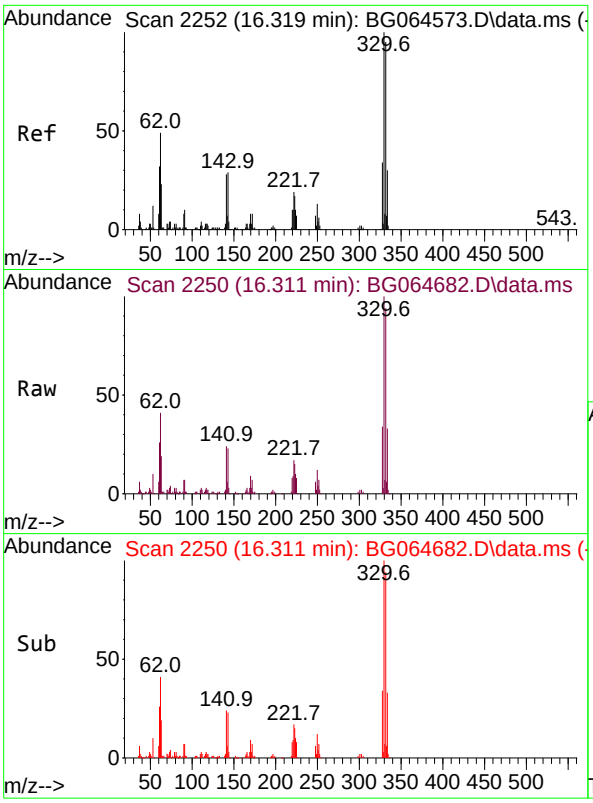


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.831 min Scan# 1998
Delta R.T. -0.014 min
Lab File: BG064682.D
Acq: 3 Nov 2025 21:24

Tgt Ion:164 Resp: 95326

Ion	Ratio	Lower	Upper
164	100		
162	99.8	77.0	115.6
160	45.1	34.4	51.6



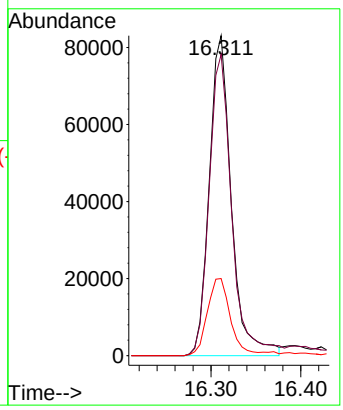


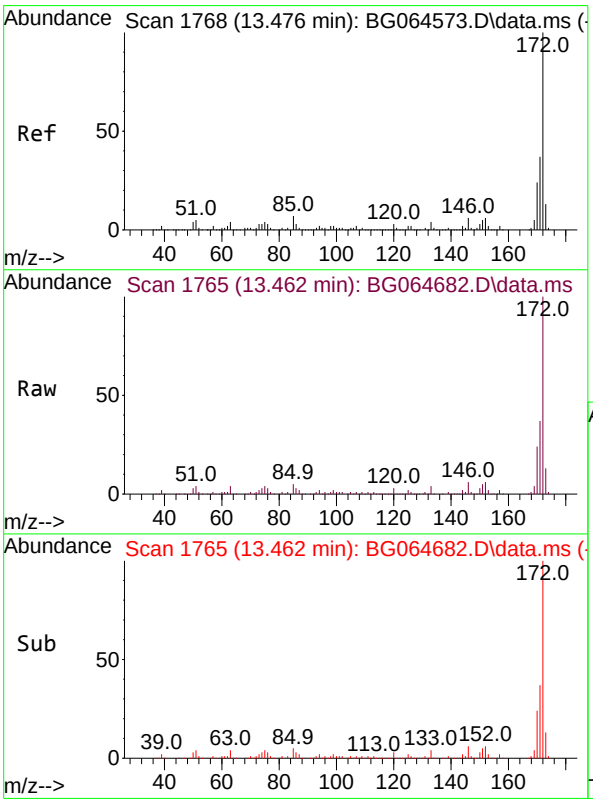
#42
2,4,6-Tribromophenol
Concen: 103.662 ng
RT: 16.311 min Scan# 2
Delta R.T. -0.008 min
Lab File: BG064682.D
Acq: 3 Nov 2025 21:24

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

Tgt Ion:330 Resp: 142623

Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.0	117.0
141	25.0	21.8	32.6

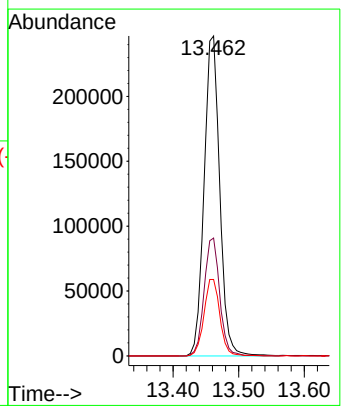


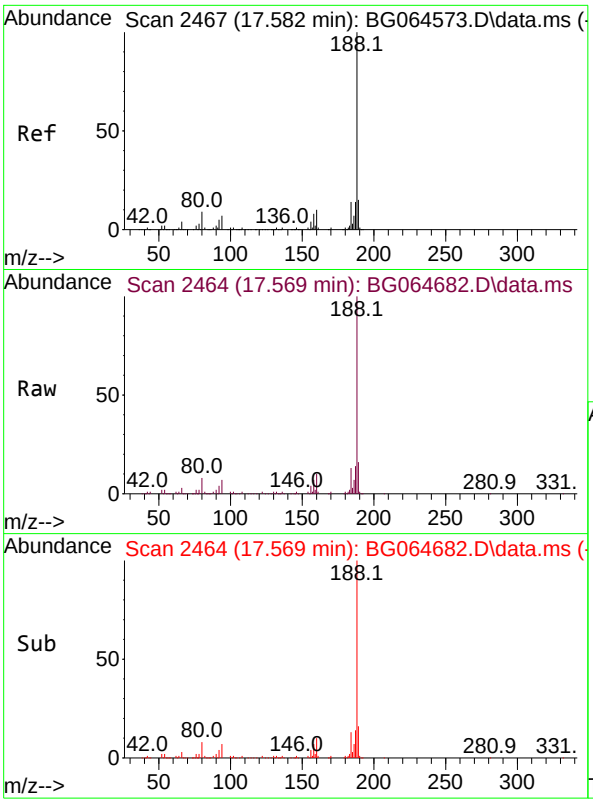


#45
2-Fluorobiphenyl
Concen: 64.506 ng
RT: 13.462 min Scan# 1765
Delta R.T. -0.014 min
Lab File: BG064682.D
Acq: 3 Nov 2025 21:24

Tgt Ion:172 Resp: 405682

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	23.9	19.1	28.7



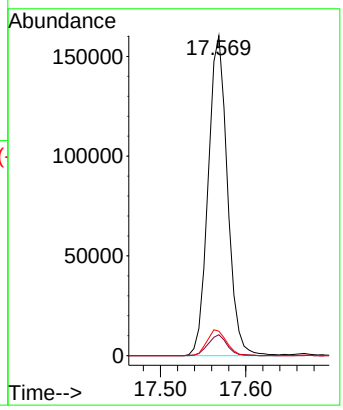


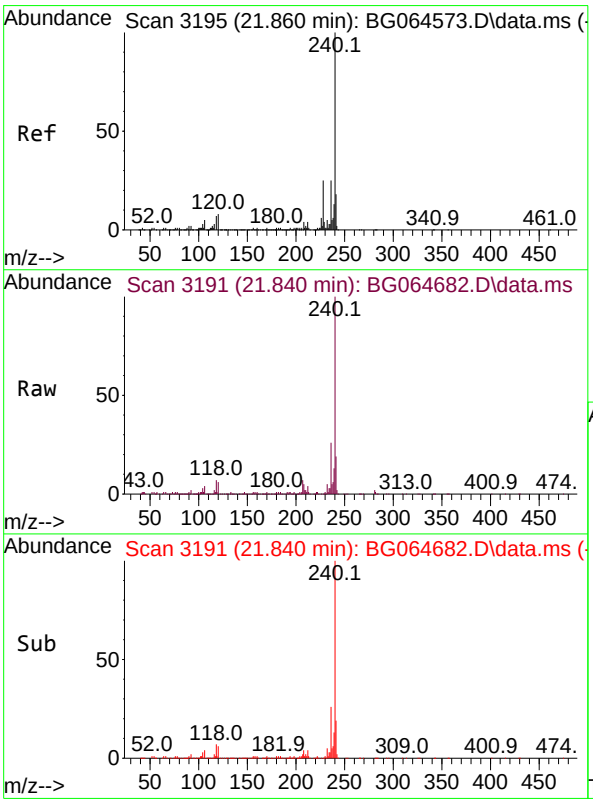
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.569 min Scan# 24
Delta R.T. -0.014 min
Lab File: BG064682.D
Acq: 3 Nov 2025 21:24

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

Tgt Ion:188 Resp: 251613

Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.7	8.5
80	7.6	6.8	10.2

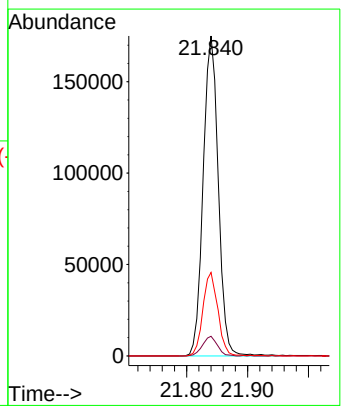


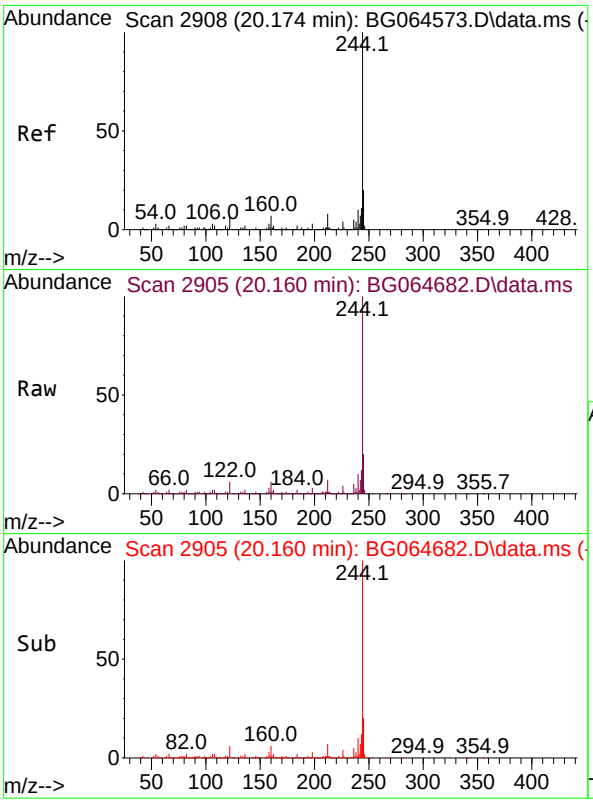


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.840 min Scan# 3191
Delta R.T. -0.020 min
Lab File: BG064682.D
Acq: 3 Nov 2025 21:24

Tgt Ion:240 Resp: 301190

Ion	Ratio	Lower	Upper
240	100		
120	6.1	6.5	9.7#
236	26.1	20.2	30.2



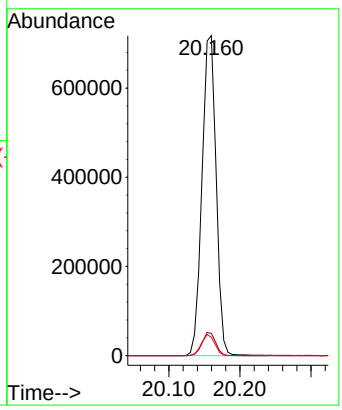


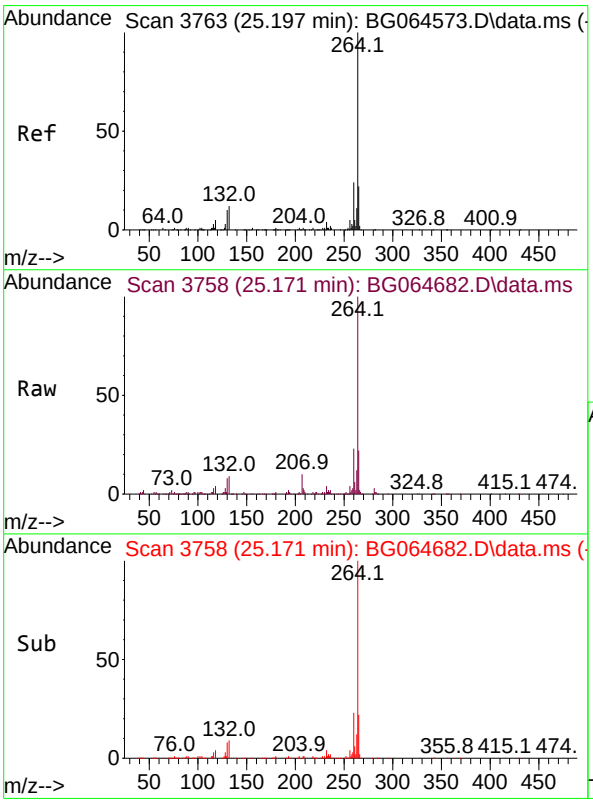
#79
Terphenyl-d14
Concen: 61.766 ng
RT: 20.160 min Scan# 29
Delta R.T. -0.014 min
Lab File: BG064682.D
Acq: 3 Nov 2025 21:24

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

Tgt Ion:244 Resp: 985779

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.1	9.1
122	5.7	5.6	8.4

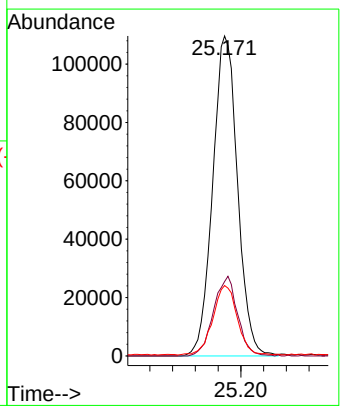




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.171 min Scan# 3758
Delta R.T. -0.026 min
Lab File: BG064682.D
Acq: 3 Nov 2025 21:24

Tgt Ion:264 Resp: 331540

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.0	28.4
265	22.0	17.6	26.4



Sample Results: **BG064682.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064682.D
Acq On : 3 Nov 2025 21:24
Operator : RC/JU
Sample : Q3399-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064682.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.185	10	16	24	rBV3	22694	50840	2.04%	0.467%
2	3.268	24	30	47	rVB	358140	579887	23.26%	5.332%
3	5.741	443	451	463	rBV	427905	701583	28.14%	6.451%
4	7.345	716	724	735	rBV	431603	785682	31.51%	7.224%
5	8.209	864	871	878	rBV	113472	192126	7.70%	1.766%
6	9.372	1060	1069	1088	rBV	265061	488767	19.60%	4.494%
7	11.029	1344	1351	1362	rBV	139620	274661	11.01%	2.525%
8	13.456	1757	1764	1778	rBV	715026	1179809	47.31%	10.848%
9	14.831	1991	1998	2009	rVB	253118	411194	16.49%	3.781%
10	16.170	2219	2226	2237	rBV	84412	133282	5.34%	1.225%
11	16.311	2242	2250	2262	rBV	561656	1000961	40.14%	9.203%
12	17.569	2457	2464	2474	rBV2	379576	596029	23.90%	5.480%
13	18.444	2608	2613	2623	rBV2	46437	99594	3.99%	0.916%
14	19.290	2752	2757	2764	rBV3	30077	47571	1.91%	0.437%
15	19.854	2849	2853	2860	rBV3	28157	38623	1.55%	0.355%
16	20.154	2899	2904	2911	rBV	1817589	2493592	100.00%	22.927%
17	20.424	2946	2950	2954	rBV3	38285	49699	1.99%	0.457%
18	20.888	3026	3029	3036	rBV5	25647	38947	1.56%	0.358%
19	21.464	3123	3127	3138	rBV2	115308	193706	7.77%	1.781%
20	21.840	3184	3191	3199	rBV2	448923	761499	30.54%	7.001%
21	25.171	3749	3758	3769	rBV2	260215	758237	30.41%	6.971%

Sum of corrected areas: 10876289

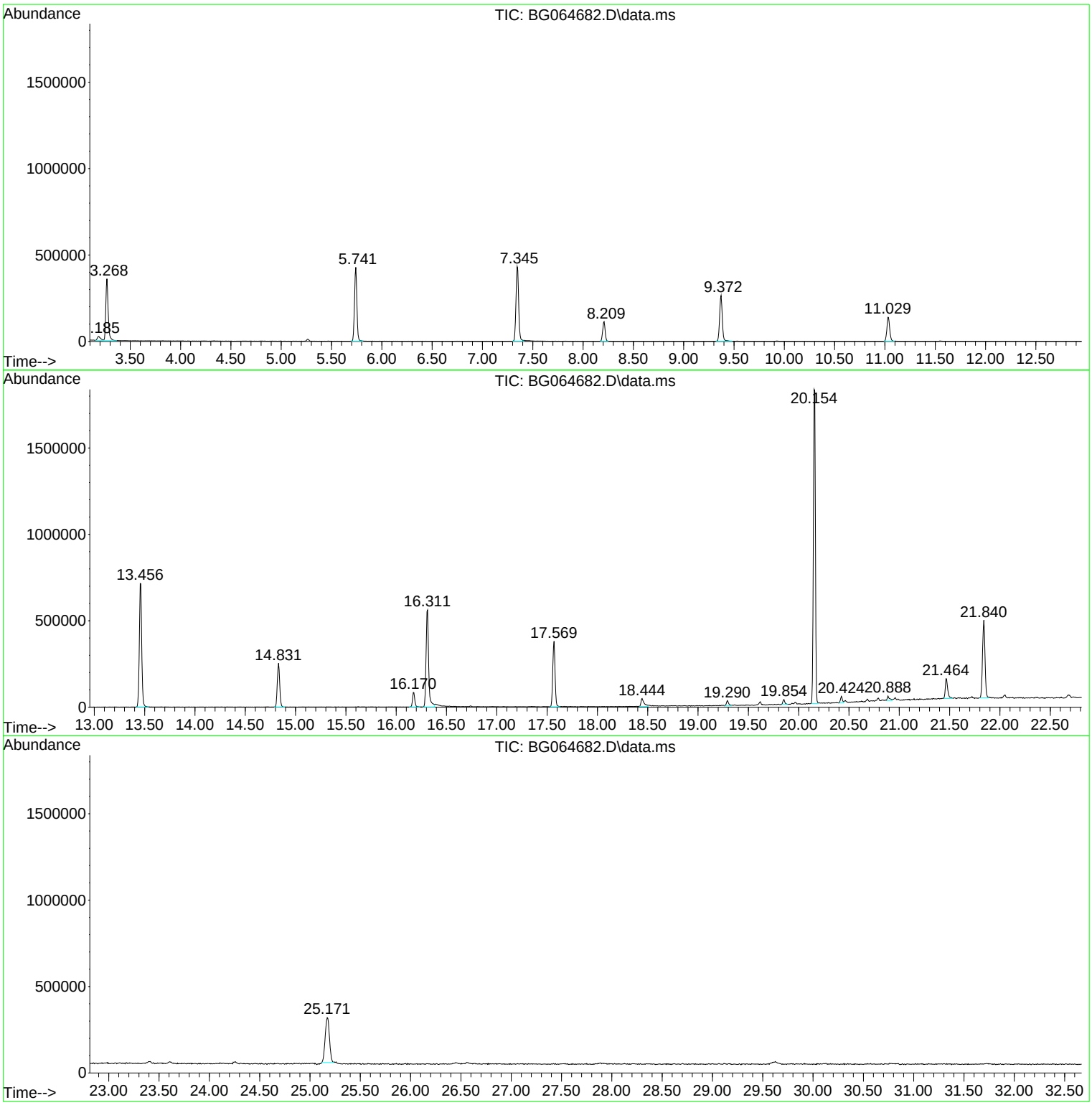
Sample Results: **BG064682.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064682.D
Acq On : 3 Nov 2025 21:24
Operator : RC/JU
Sample : Q3399-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064682.D
Acq On : 3 Nov 2025 21:24
Operator : RC/JU
Sample : Q3399-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

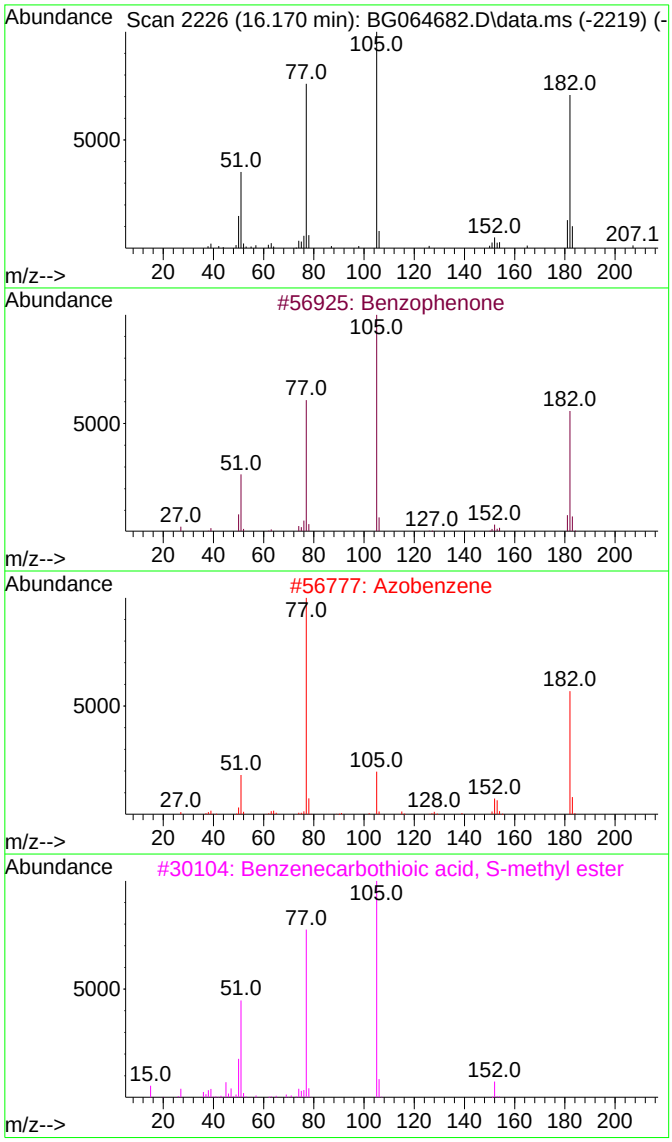
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

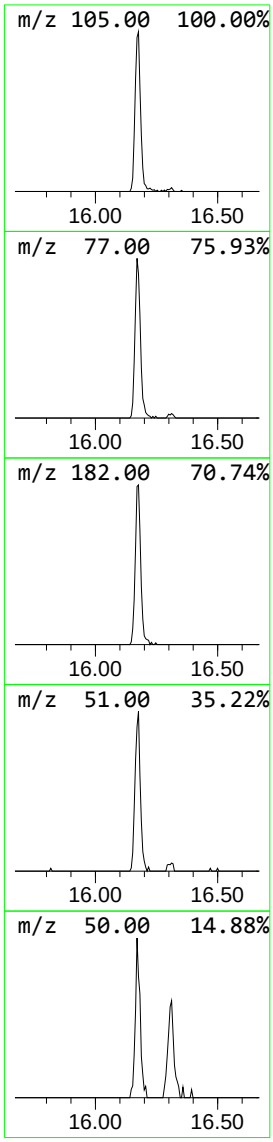
****

Peak Number 3 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.170	6.48 ng	133282	Acenaphthene-d10	14.831

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	64
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	62
4	Glyoxylohydroximoyl chloride, 2-...	183	C8H6ClNO2	004937-87-5	52
5	Benzoylformic acid	150	C8H6O3	000611-73-4	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064682.D
Acq On : 3 Nov 2025 21:24
Operator : RC/JU
Sample : Q3399-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

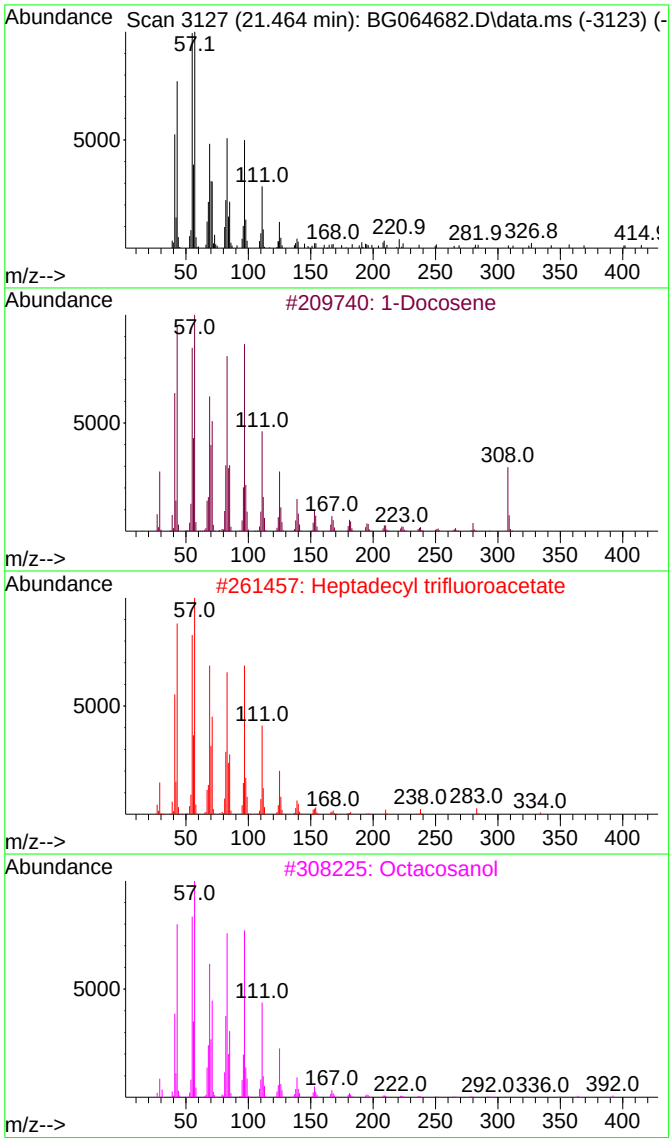
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

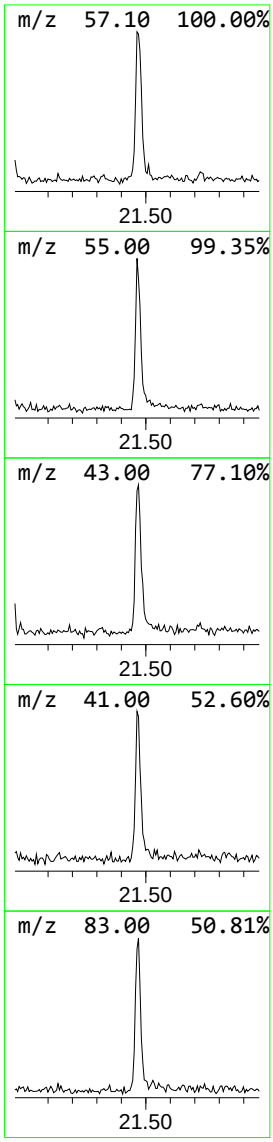
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.464	5.09 ng	193706	Chrysene-d12	21.840

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	91
3	Octacosanol	410	C28H58O	000557-61-9	91
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
5	Pentafluoropropionic acid, tride...	346	C16H27F5O2	959261-22-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064682.D
Acq On : 3 Nov 2025 21:24
Operator : RC/JU
Sample : Q3399-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzophenone	16.170	6.5	ng	133282	3	14.831	411194	20.0
1-Docosene	21.464	5.1	ng	193706	5	21.840	761499	20.0

CALIBRATION SUMMARY

Response Factor Report GC/MS Ins

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG102425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Nov 03 18:16:26 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BG064569.D 5 =BG064570.D 10 =BG064571.D 20 =BG064572.D 40 =BG064573.D 50 =BG064576.D 60 =BG064574.D 80 =BG0645
75.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.570	0.581	0.524	0.525	0.474	0.559	0.460	0.528	8.85
3)		Pyridine		1.630	1.608	1.552	1.669	1.471	1.733	1.427	1.584	6.84
4)		n-Nitrosodimet...			0.912	0.807	0.900	0.780	0.921	0.776	0.850	8.08
5)	S	2-Fluorophenol		1.098	1.207	1.155	1.292	1.139	1.318	1.132	1.192	7.09
6)		Aniline		2.203	2.320	2.131	2.386	2.090	2.440	2.004	2.225	7.28
7)	S	Phenol-d6		1.469	1.654	1.566	1.771	1.597	1.864	1.524	1.635	8.55
8)		2-Chlorophenol		1.051	1.207	1.197	1.373	1.225	1.461	1.216	1.247	10.65
9)		Benzaldehyde			0.942	0.994	0.940	0.836	0.981	0.662	0.893	14.09
10)	C	Phenol		1.665	1.820	1.748	1.944	1.761	2.027	1.693	1.808	7.36
11)		bis(2-Chloroet...		1.307	1.409	1.292	1.383	1.273	1.443	1.198	1.329	6.47
12)		1,3-Dichlorobe...		1.435	1.516	1.394	1.520	1.342	1.542	1.299	1.435	6.62
13)	C	1,4-Dichlorobe...		1.431	1.546	1.442	1.534	1.381	1.561	1.323	1.460	6.21
14)		1,2-Dichlorobe...		1.371	1.518	1.364	1.483	1.316	1.520	1.283	1.408	6.97
15)		Benzyl Alcohol			1.281	1.263	1.425	1.306	1.533	1.283	1.348	7.97
16)		2,2'-oxybis(1-...		3.421	3.604	3.396	3.733	3.301	3.802	3.154	3.487	6.74
17)		2-Methylphenol		1.103	1.225	1.178	1.273	1.159	1.345	1.120	1.201	7.22
18)		Hexachloroethane		0.468	0.535	0.505	0.541	0.496	0.557	0.483	0.512	6.41
19)	P	n-Nitroso-di-n...	1.044	1.038	1.141	1.129	1.227	1.115	1.289	1.057	1.130	7.93
20)		3+4-Methylphenols			1.652	1.581	1.818	1.612	1.895	1.571	1.688	8.04
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.535	0.565	0.528	0.584	0.516	0.590	0.509	0.547	6.04
23)	S	Nitrobenzene-d5		0.239	0.286	0.314	0.377	0.356	0.403	0.356	0.333	17.02
24)		Nitrobenzene		0.274	0.312	0.344	0.410	0.377	0.438	0.380	0.362	15.64
25)		Isophorone		0.751	0.796	0.771	0.869	0.764	0.891	0.751	0.799	7.25
26)	C	2-Nitrophenol		0.076	0.095	0.110	0.137	0.135	0.152	0.144	0.121	23.20
27)		2,4-Dimethylph...		0.236	0.294	0.285	0.335	0.297	0.343	0.290	0.297	11.93
28)		bis(2-Chloroet...		0.452	0.464	0.443	0.490	0.426	0.493	0.417	0.455	6.48
29)	C	2,4-Dichloroph...		0.243	0.299	0.315	0.360	0.327	0.373	0.322	0.320	13.34
30)		1,2,4-Trichlor...		0.338	0.369	0.348	0.391	0.349	0.399	0.349	0.363	6.44
31)		Naphthalene		1.083	1.144	1.084	1.177	1.036	1.201	1.037	1.109	5.96
32)		Benzoic acid			0.142	0.164	0.223	0.215	0.260	0.237	0.207	21.74
33)		4-Chloroaniline		0.390	0.456	0.411	0.459	0.410	0.486	0.405	0.431	8.29
34)	C	Hexachlorobuta...		0.266	0.291	0.282	0.299	0.271	0.306	0.273	0.284	5.33
35)		Caprolactam			0.112	0.114	0.134	0.118	0.142	0.116	0.123	9.85
36)	C	4-Chloro-3-met...		0.323	0.381	0.361	0.426	0.376	0.454	0.370	0.384	11.18
37)		2-Methylnaphth...		0.764	0.858	0.797	0.865	0.772	0.888	0.755	0.814	6.74
38)		1-Methylnaphth...		0.798	0.849	0.776	0.853	0.752	0.878	0.735	0.806	6.85

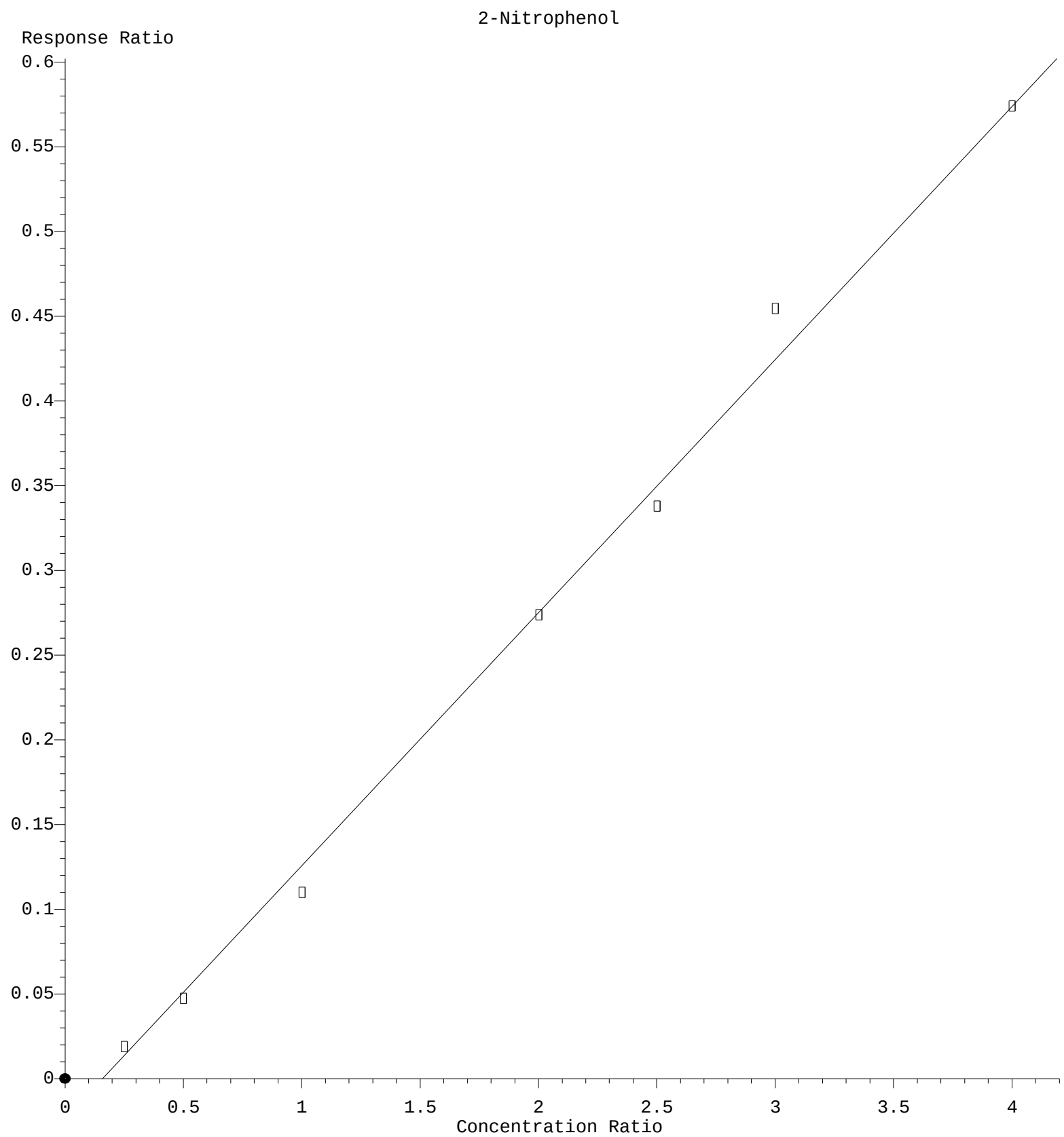
Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG102425.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.657	0.684	0.648	0.702	0.633	0.717	0.657	0.671	4.55
41)	P	Hexachlorocycl...		0.268	0.279	0.324	0.297	0.340	0.305	0.302	8.97
42)	S	2,4,6-Tribromo...	0.221	0.266	0.272	0.318	0.292	0.346	0.306	0.289	14.04
43)	C	2,4,6-Trichlor...	0.294	0.333	0.375	0.423	0.399	0.456	0.408	0.384	14.41
44)		2,4,5-Trichlor...	0.339	0.425	0.439	0.484	0.443	0.517	0.454	0.443	12.48
45)	S	2-Fluorobiphenyl	1.310	1.389	1.306	1.384	1.235	1.384	1.228	1.319	5.24
46)		1,1'-Biphenyl	1.456	1.450	1.401	1.489	1.326	1.498	1.333	1.422	4.98
47)		2-Chloronaphth...	1.065	1.082	1.053	1.132	1.013	1.145	1.023	1.073	4.71
48)		2-Nitroaniline	0.201	0.234	0.277	0.348	0.343	0.404	0.367	0.311	24.06
49)		Acenaphthylene	1.667	1.726	1.647	1.786	1.593	1.827	1.604	1.693	5.30
50)		Dimethylphthalate	1.389	1.570	1.488	1.641	1.462	1.699	1.462	1.530	7.21
51)		2,6-Dinitrotol...	0.127	0.180	0.193	0.247	0.244	0.283	0.254	0.218	24.69
52)	C	Acenaphthene	1.126	1.178	1.115	1.223	1.093	1.261	1.101	1.157	5.63
53)		3-Nitroaniline	0.180	0.211	0.252	0.294	0.281	0.325	0.297	0.263	19.70
54)	P	2,4-Dinitrophenol		0.086	0.110	0.137	0.139	0.165	0.154	0.132	22.11
55)		Dibenzofuran	1.881	1.972	1.826	1.963	1.734	1.988	1.725	1.870	5.96
56)	P	4-Nitrophenol		0.191	0.213	0.261	0.250	0.283	0.267	0.244	14.40
57)		2,4-Dinitrotol...	0.223	0.269	0.300	0.385	0.373	0.434	0.396	0.340	22.67
58)		Fluorene	1.471	1.559	1.426	1.531	1.356	1.549	1.329	1.460	6.38
59)		2,3,4,6-Tetrac...	0.312	0.385	0.402	0.466	0.444	0.508	0.449	0.424	15.04
60)		Diethylphthalate	1.417	1.645	1.514	1.657	1.486	1.718	1.502	1.563	7.06
61)		4-Chlorophenyl...	0.800	0.864	0.792	0.866	0.763	0.888	0.763	0.820	6.38
62)		4-Nitroaniline	0.194	0.252	0.286	0.327	0.310	0.355	0.324	0.293	18.55
63)		Azobenzene	1.362	1.504	1.377	1.538	1.338	1.564	1.353	1.434	6.80
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.055	0.064	0.083	0.083	0.097	0.093	0.079	21.00
66)	c	n-Nitrosodiphe...	0.510	0.551	0.525	0.583	0.518	0.594	0.500	0.540	6.79
67)		4-Bromophenyl-...	0.218	0.236	0.230	0.258	0.229	0.264	0.224	0.237	7.28
68)		Hexachlorobenzene	0.254	0.266	0.262	0.292	0.260	0.302	0.256	0.270	6.99
69)		Atrazine	0.215	0.227	0.249	0.245	0.219	0.261	0.211	0.232	8.27
70)	C	Pentachlorophenol		0.132	0.152	0.180	0.172	0.199	0.177	0.169	13.91
71)		Phenanthrene	1.084	1.133	1.073	1.162	1.020	1.179	1.005	1.094	6.17
72)		Anthracene	1.087	1.144	1.101	1.187	1.041	1.204	1.025	1.113	6.17
73)		Carbazole	0.982	1.037	0.982	1.031	0.910	1.028	0.897	0.981	5.90
74)		Di-n-butylphth...	1.011	1.156	1.179	1.240	1.084	1.198	1.075	1.134	7.11
75)	C	Fluoranthene	1.385	1.463	1.380	1.440	1.273	1.403	1.247	1.370	5.91
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.392	0.475	0.490	0.416	0.533	0.383	0.448	13.40
78)		Pyrene	1.287	1.331	1.284	1.411	1.233	1.406	1.196	1.307	6.24
79)	S	Terphenyl-d14	1.074	1.120	1.066	1.142	0.987	1.102	0.928	1.060	7.21
80)		Butylbenzylpht...	0.284	0.359	0.388	0.450	0.408	0.467	0.410	0.395	15.43
81)		Benzo(a)anthra...	1.294	1.355	1.292	1.416	1.253	1.430	1.243	1.326	5.71
82)		3,3'-Dichlorob...		0.418	0.428	0.477	0.424	0.486	0.424	0.443	6.88
83)		Chrysene	1.249	1.291	1.229	1.344	1.188	1.359	1.173	1.262	5.76
84)		Bis(2-ethylhex...	0.484	0.555	0.581	0.671	0.585	0.667	0.588	0.590	10.95
85)	c	Di-n-octyl pht...		0.871	0.932	1.087	0.976	1.117	0.986	0.995	9.32

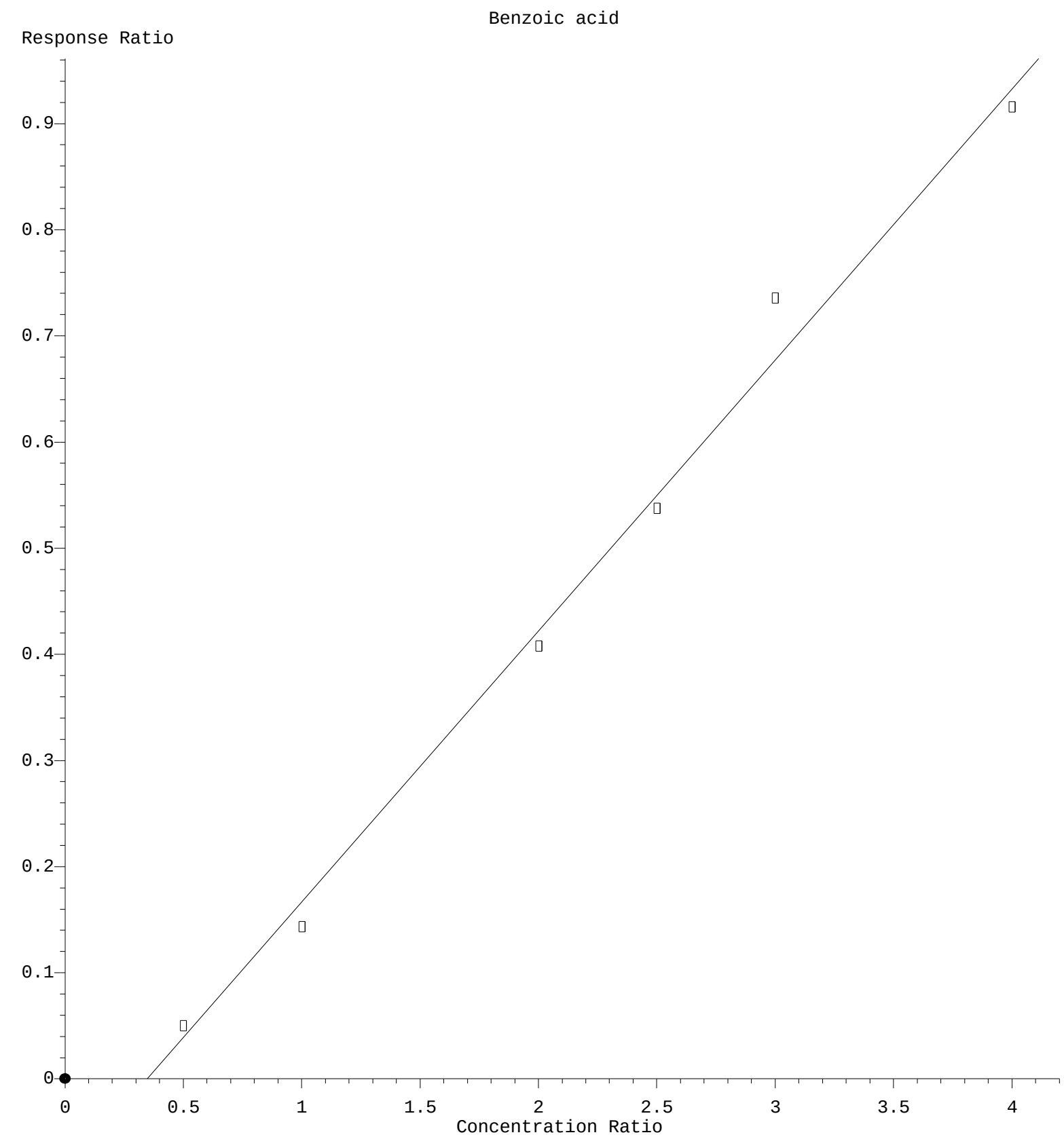
Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG102425.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.383	1.491	1.410	1.568	1.396	1.642	1.410	1.471	6.80
88)		Benzo(b)fluora...	1.138	1.246	1.169	1.322	1.173	1.353	1.183	1.226	6.77
89)		Benzo(k)fluora...	1.175	1.260	1.206	1.285	1.151	1.364	1.149	1.227	6.51
90)	C	Benzo(a)pyrene	1.061	1.144	1.093	1.202	1.067	1.246	1.079	1.127	6.42
91)		Dibenzo(a,h)an...	1.120	1.223	1.158	1.268	1.130	1.324	1.143	1.195	6.55
92)		Benzo(g,h,i)pe...	1.080	1.162	1.089	1.213	1.078	1.280	1.092	1.142	6.95

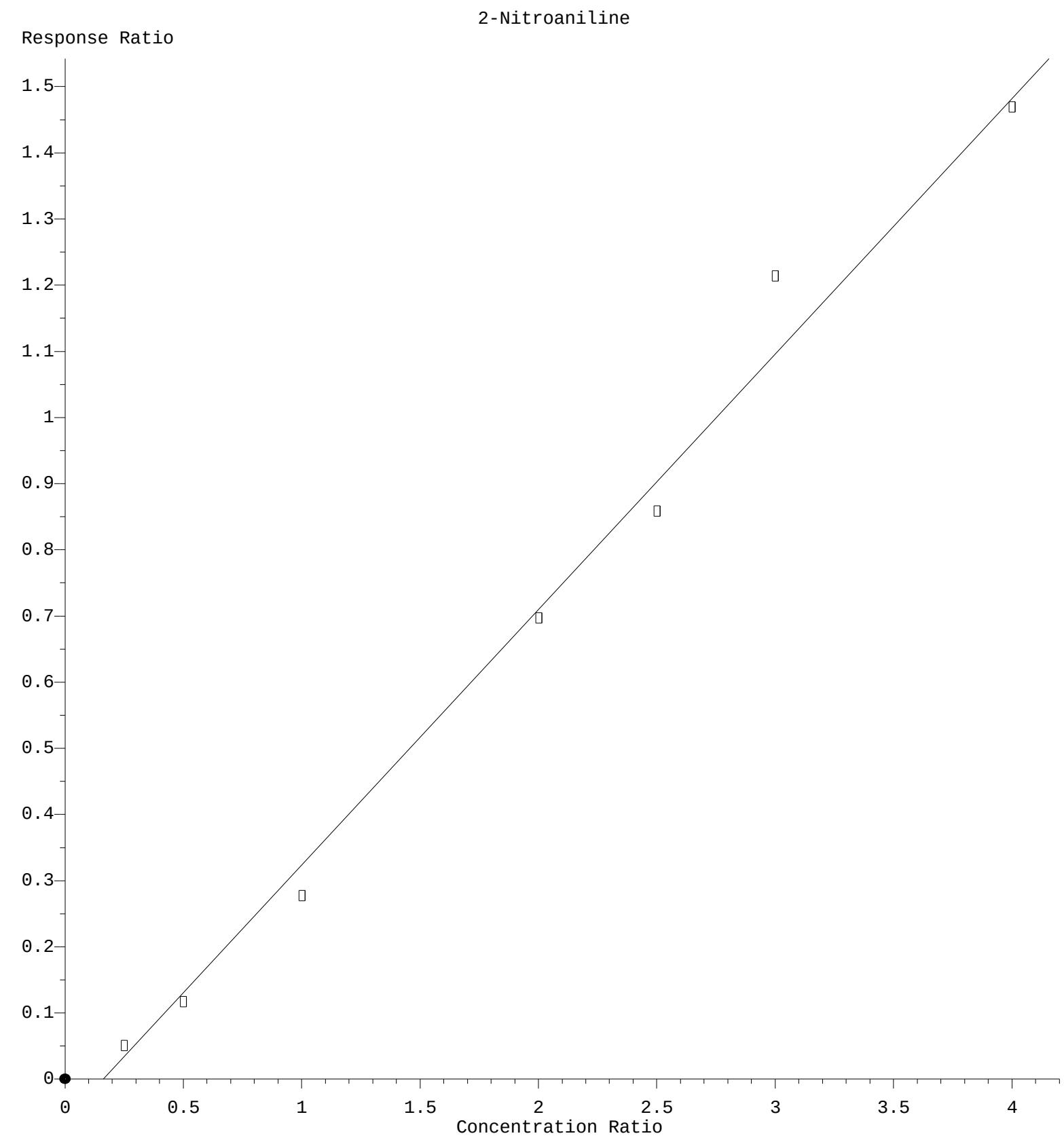
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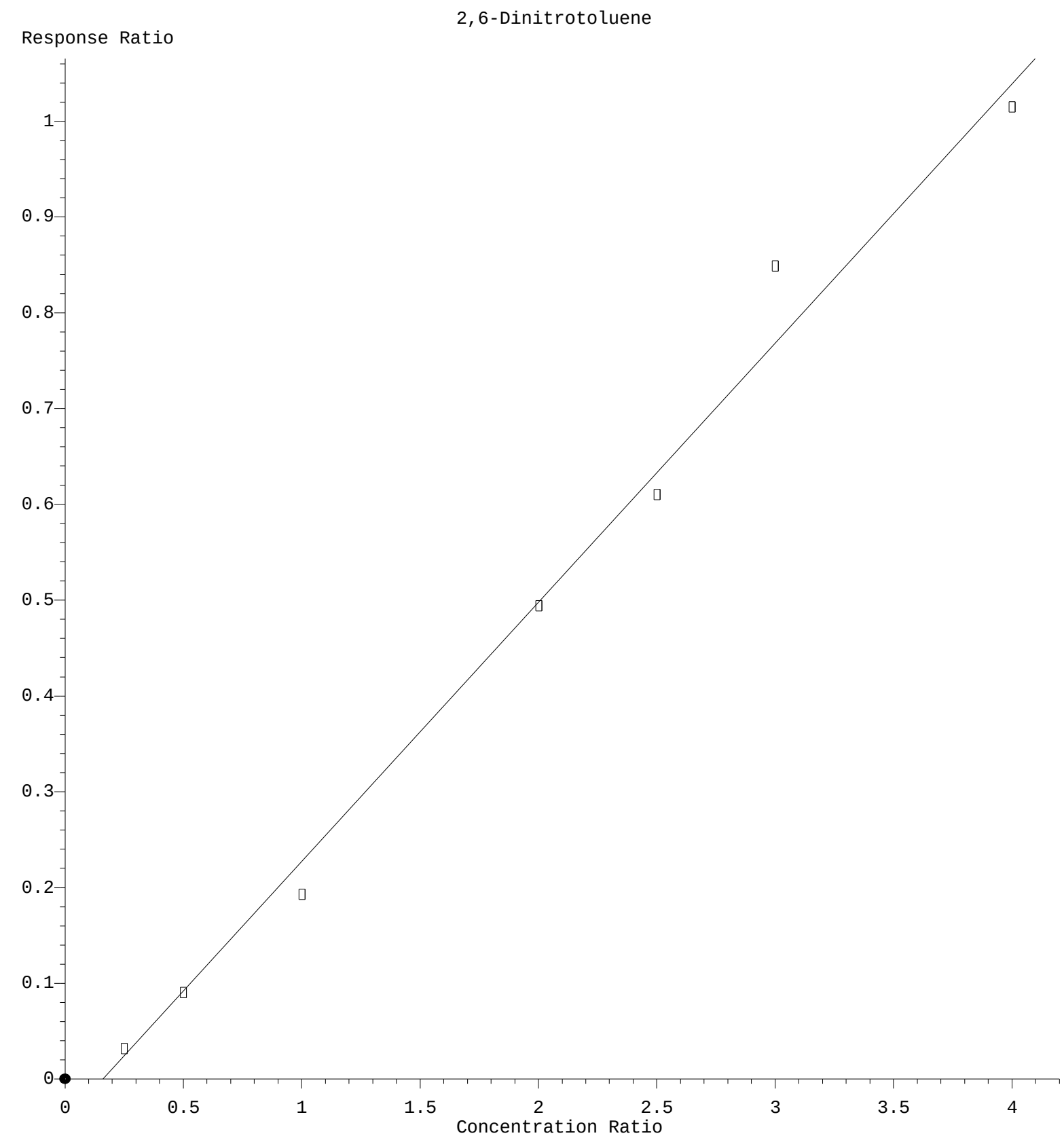
Response = 1.495e-001 * Amt - 2.340e-002
Coef of Det (r^2) = 0.995585 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Calibration Table Last Updated: Fri Oct 24 16:40:26 2025



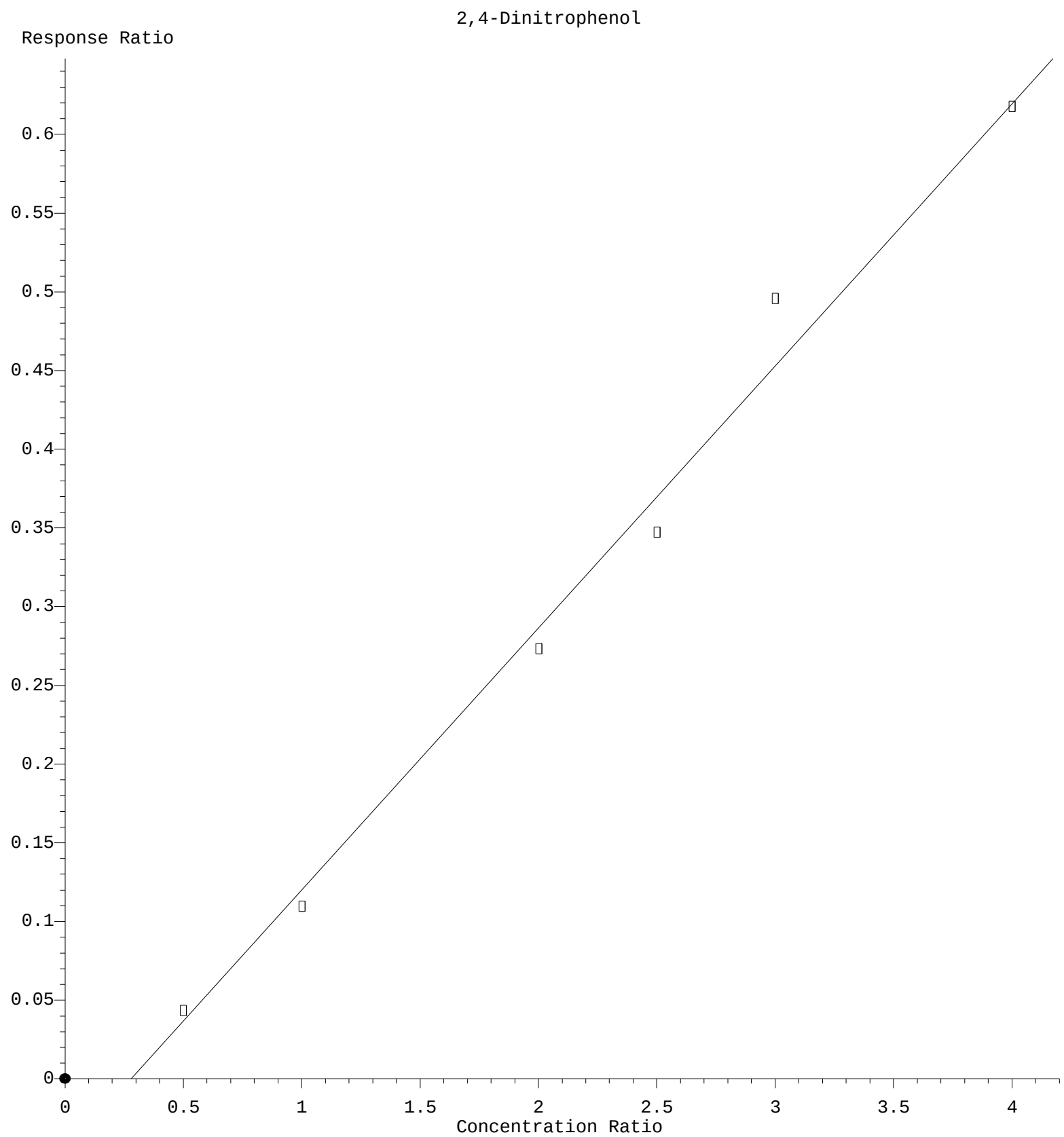
Response = 2.554e-001 * Amt - 8.844e-002
Coef of Det (r^2) = 0.993384 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Calibration Table Last Updated: Fri Oct 24 16:40:26 2025



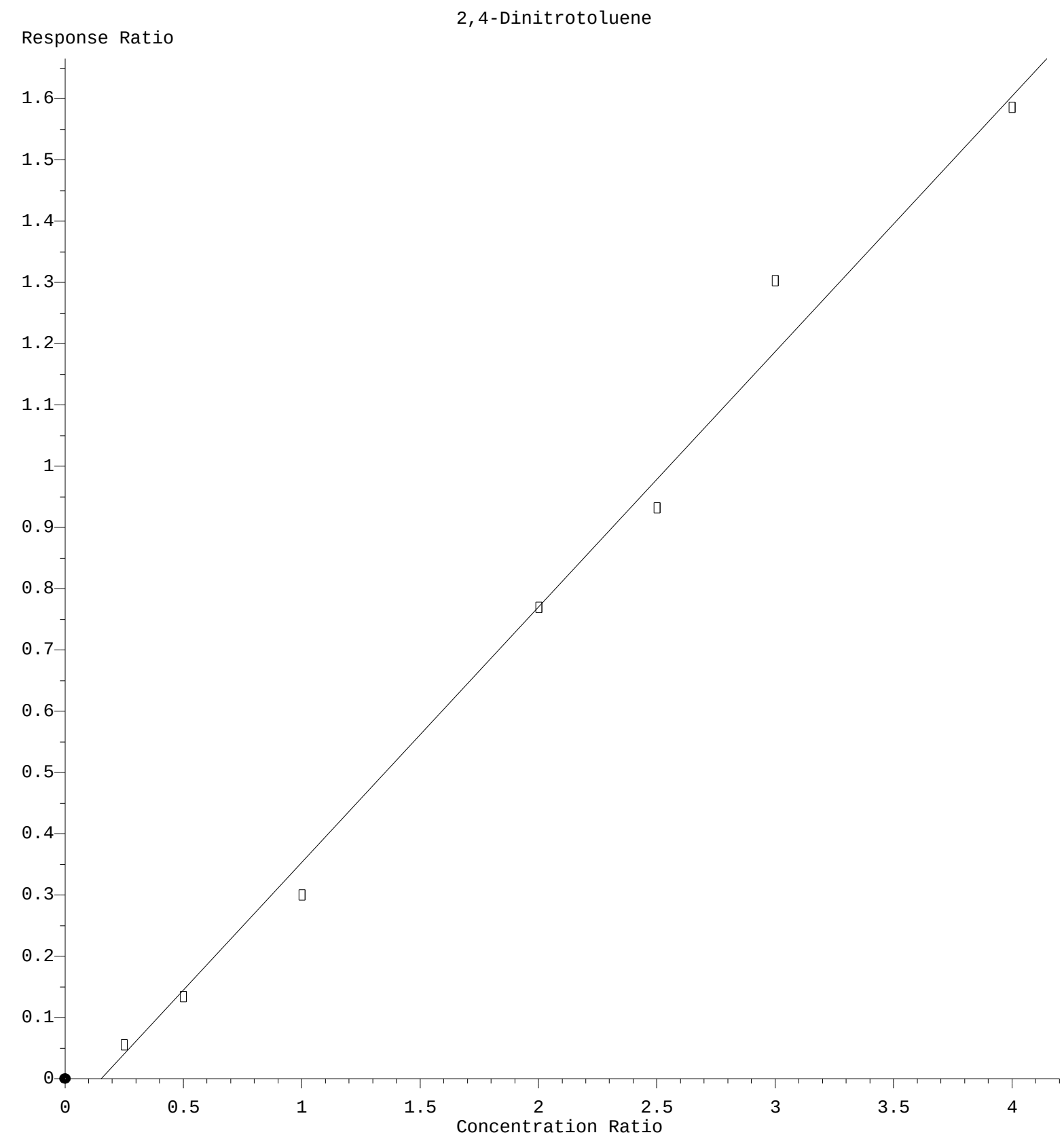
Response = 3.863e-001 * Amt - 6.228e-002
Coef of Det (r^2) = 0.991893 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Calibration Table Last Updated: Fri Oct 24 16:40:26 2025



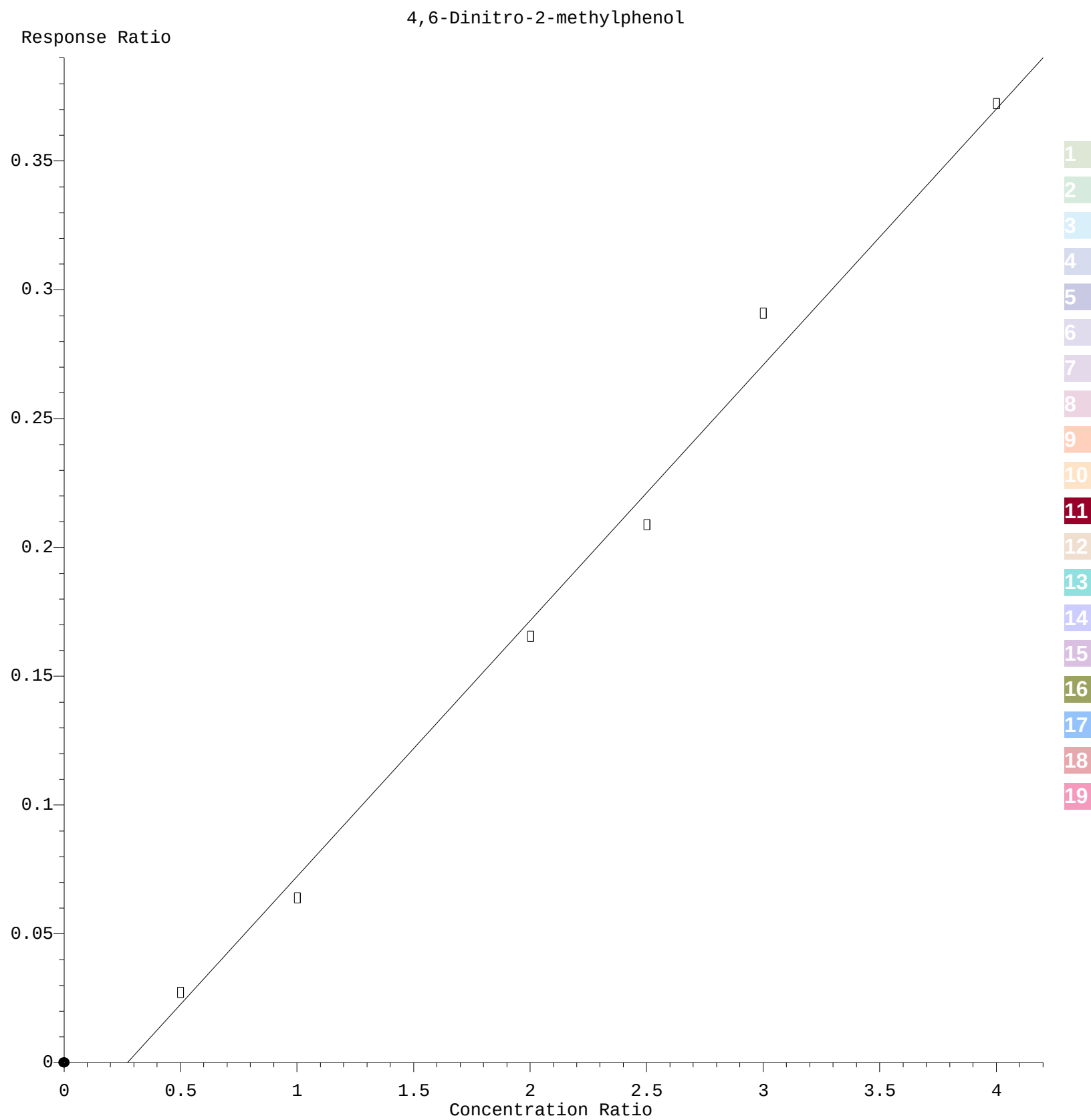
Response = 2.705e-001 * Amt - 4.319e-002
Coef of Det (r^2) = 0.992850 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Calibration Table Last Updated: Fri Oct 24 16:40:26 2025



Response = 1.666e-001 * Amt - 4.640e-002
Coef of Det (r^2) = 0.992196 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Calibration Table Last Updated: Fri Oct 24 16:40:26 2025



Response = 4.169e-001 * Amt - 6.360e-002
Coef of Det (r^2) = 0.992833 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Calibration Table Last Updated: Fri Oct 24 16:40:26 2025



Response = 9.922e-002 * Amt - 2.692e-002
Coef of Det (r^2) = 0.993360 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Calibration Table Last Updated: Fri Oct 24 16:40:26 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064569.D
Acq On : 24 Oct 2025 9:00
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Quant Time: Nov 03 17:57:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 17:56:56 2025
Response via : Initial Calibration

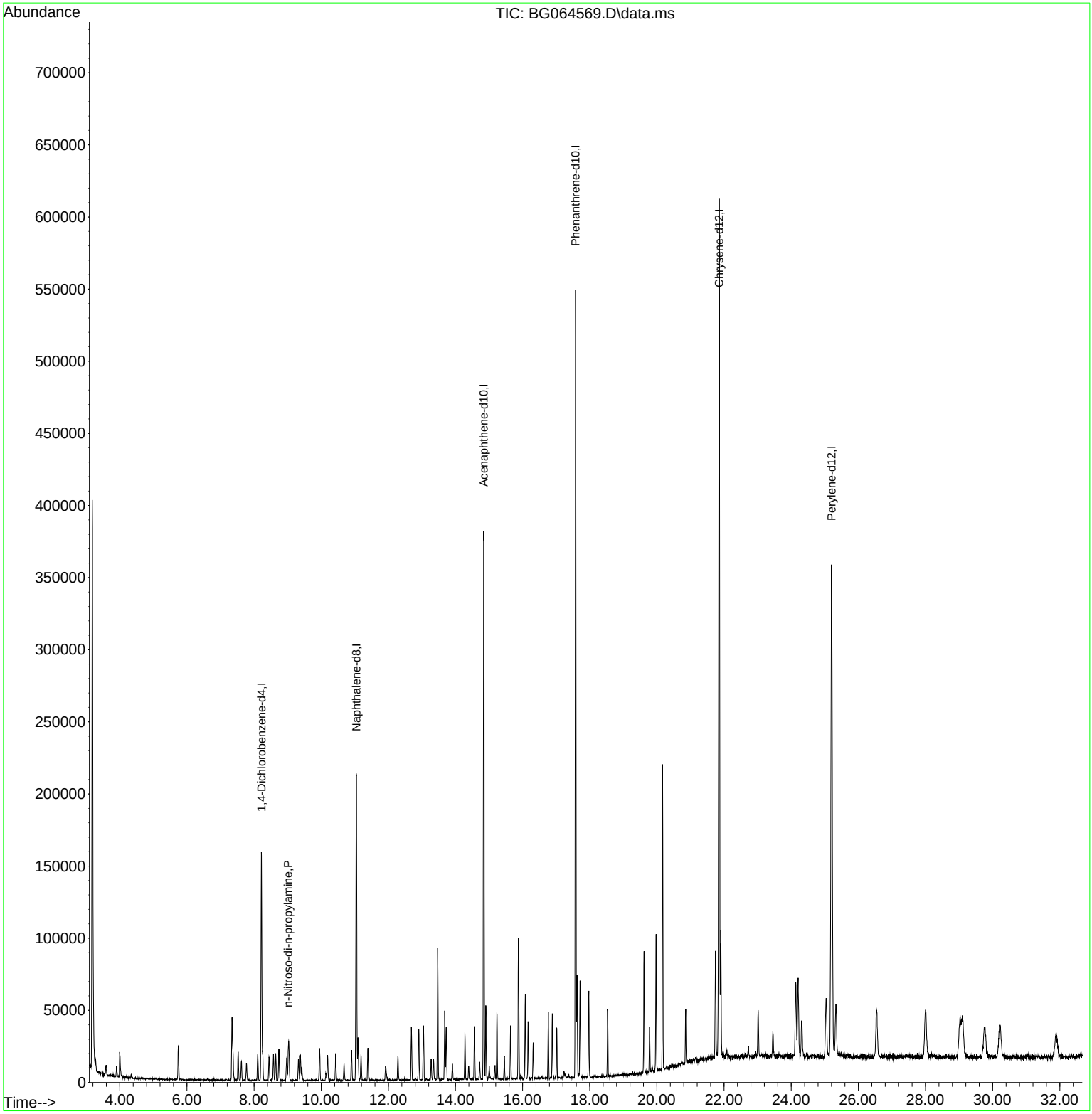
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.223	152	43718	20.000	ng	0.00
21) Naphthalene-d8	11.049	136	174680	20.000	ng	0.00
39) Acenaphthene-d10	14.839	164	136814	20.000	ng	0.00
64) Phenanthrene-d10	17.577	188	341404	20.000	ng	0.00
76) Chrysene-d12	21.854	240	378586	20.000	ng	0.00
86) Perylene-d12	25.203	264	398350	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.016	70	5707	2.310	ng	# 90

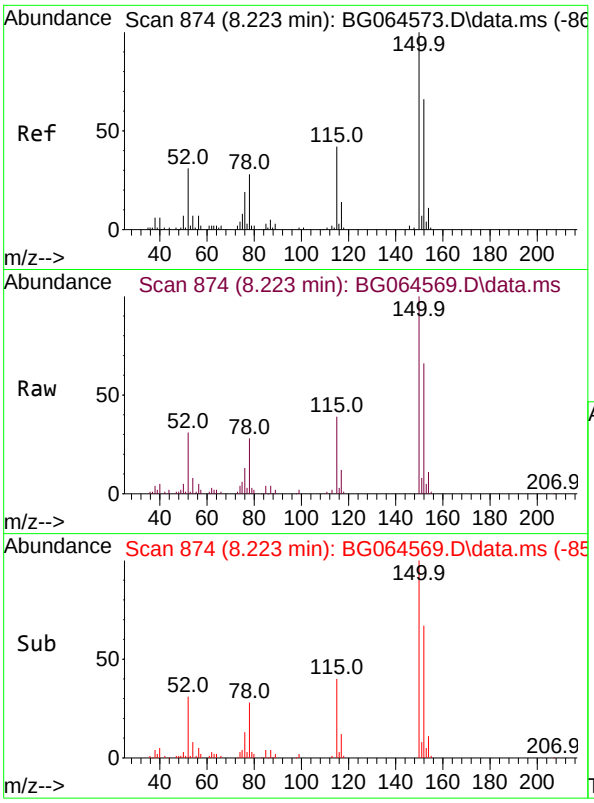
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064569.D
Acq On : 24 Oct 2025 9:00
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Quant Time: Nov 03 17:57:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 17:56:56 2025
Response via : Initial Calibration



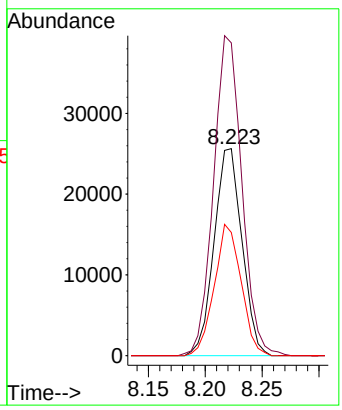


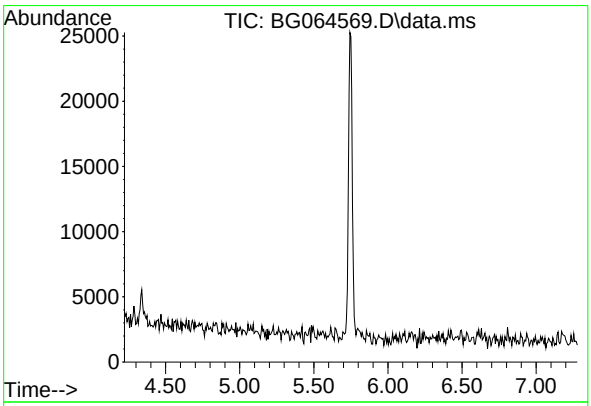
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.223 min Scan# 8
Delta R.T. -0.000 min
Lab File: BG064569.D
Acq: 24 Oct 2025 9:00

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion:152 Resp: 43718

Ion	Ratio	Lower	Upper
152	100		
150	151.2	122.2	183.4
115	59.5	50.8	76.2



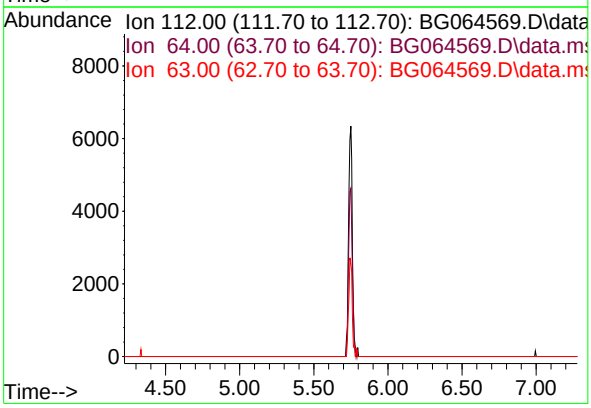


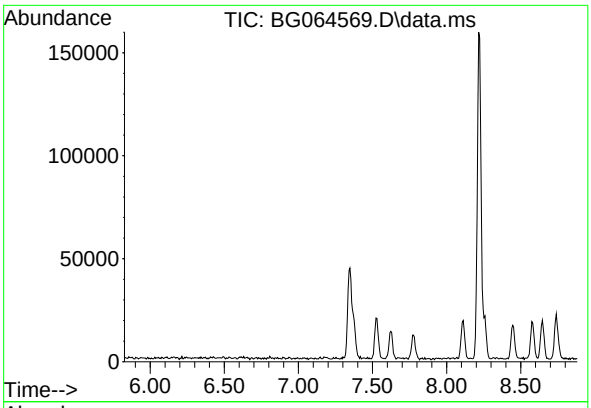
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.75 min

Lab File: BG064569.D
Acq: 24 Oct 2025 9:00

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	75.9
63	41.7





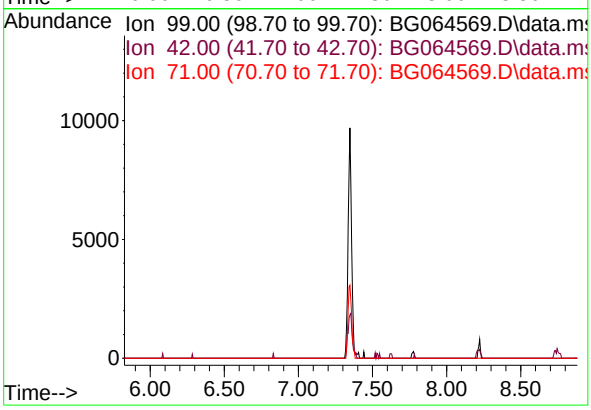
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 7.35 min

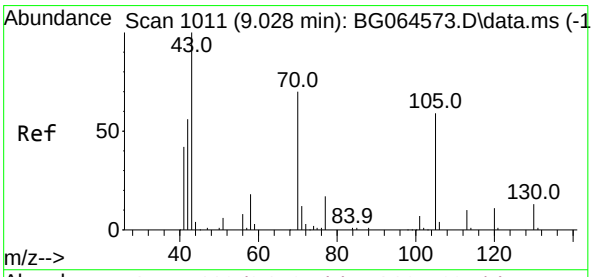
Lab File: BG064569.D
Acq: 24 Oct 2025 9:00

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion: 99

Sig	Exp Ratio
99	100
42	22.9
71	35.8

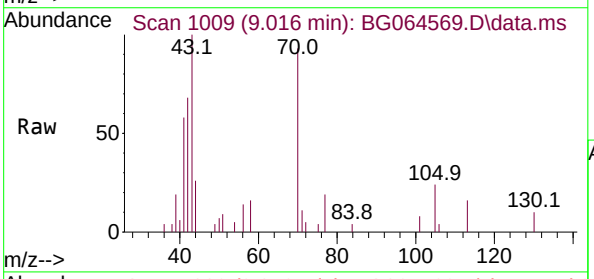


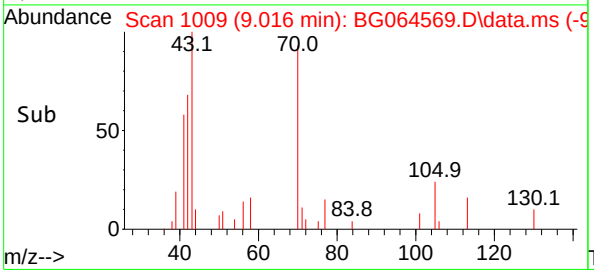


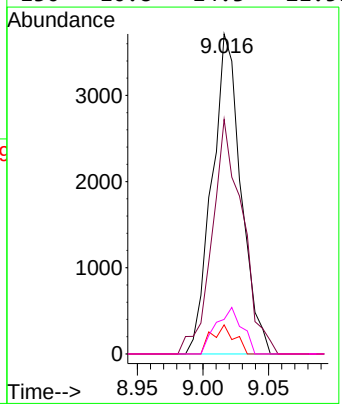
#19
n-Nitroso-di-n-propylamine
Concen: 2.310 ng
RT: 9.016 min Scan# 1009
Delta R.T. -0.012 min
Lab File: BG064569.D
Acq: 24 Oct 2025 9:00

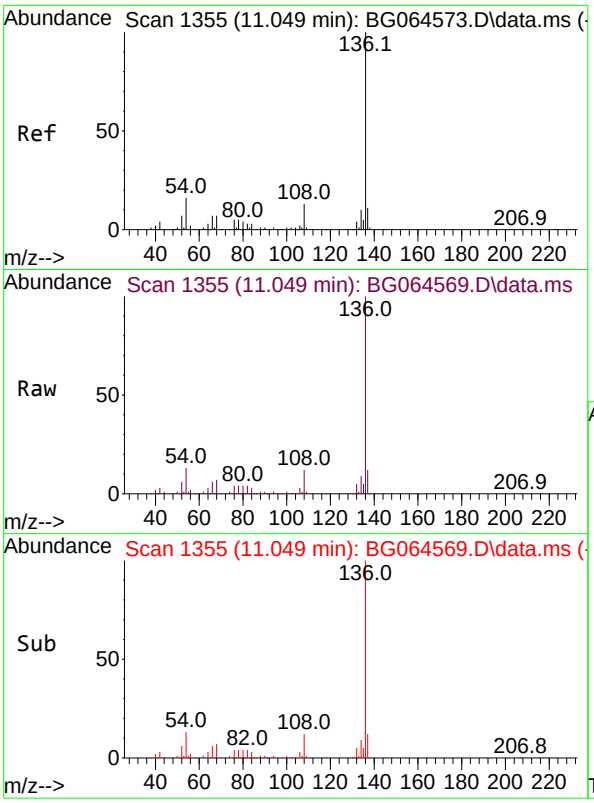
Tgt Ion: 70 Resp: 5707

Ion	Ratio	Lower	Upper
70	100		
42	73.3	65.2	97.8
101	9.1	7.9	11.9
130	10.8	14.3	21.5#







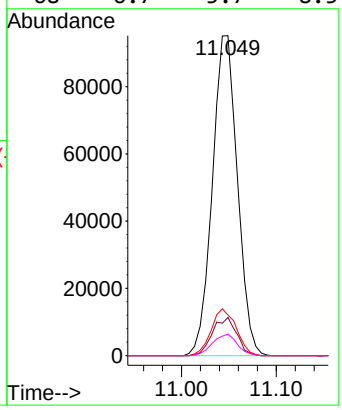


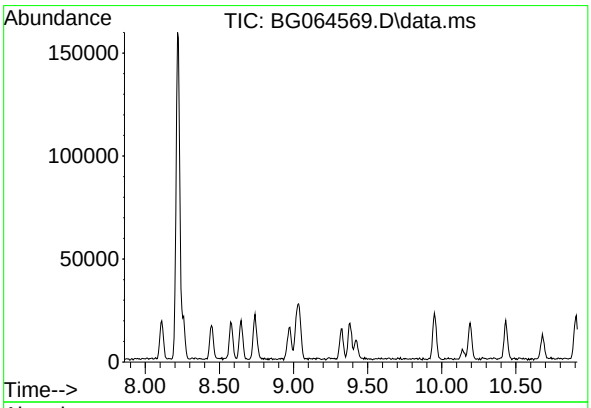
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.049 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG064569.D
Acq: 24 Oct 2025 9:00

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 174680

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.2	13.8
54	12.7	12.6	19.0
68	6.7	5.7	8.5



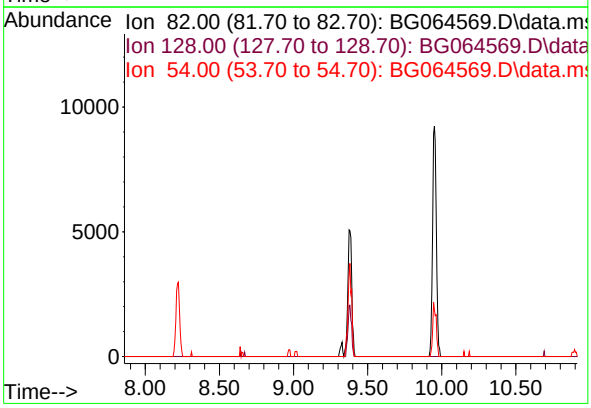


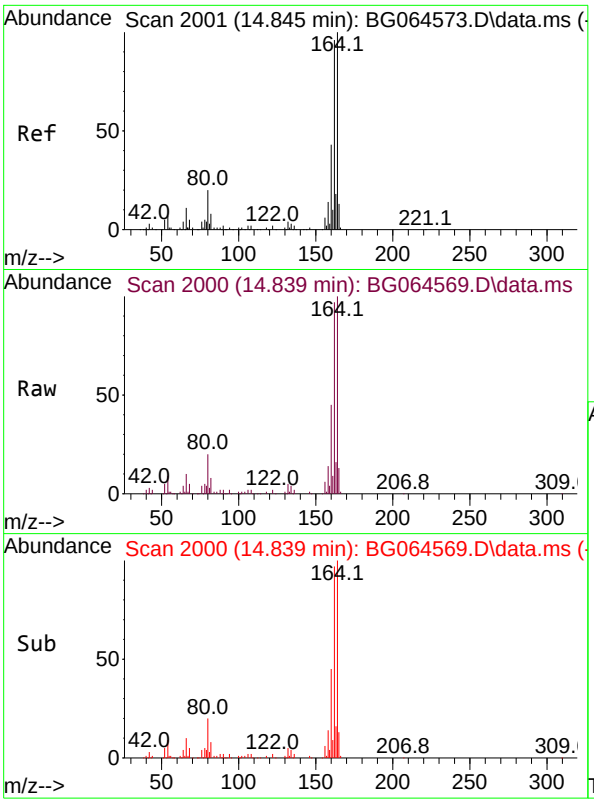
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 9.39 min

Lab File: BG064569.D
Acq: 24 Oct 2025 9:00

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	39.1
54	70.7



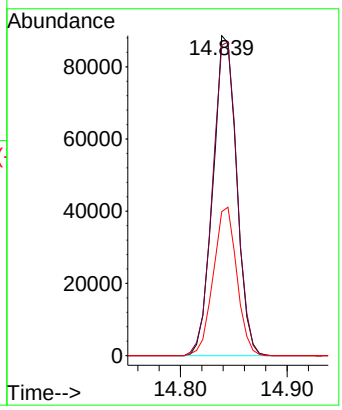


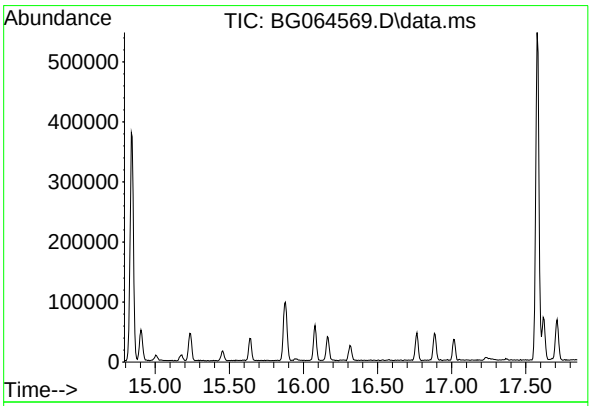
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.839 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064569.D
Acq: 24 Oct 2025 9:00

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 136814

Ion	Ratio	Lower	Upper
164	100		
162	97.0	77.0	115.6
160	45.0	34.4	51.6



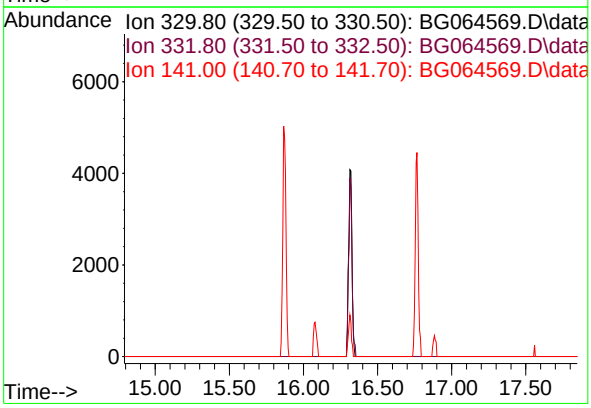


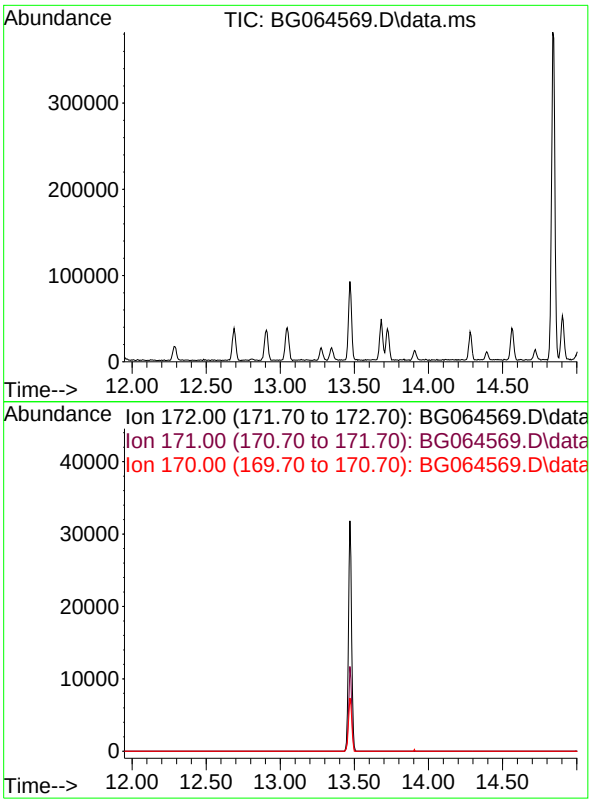
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 16.32 min

Lab File: BG064569.D
Acq: 24 Oct 2025 9:00

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	97.5
141	27.2





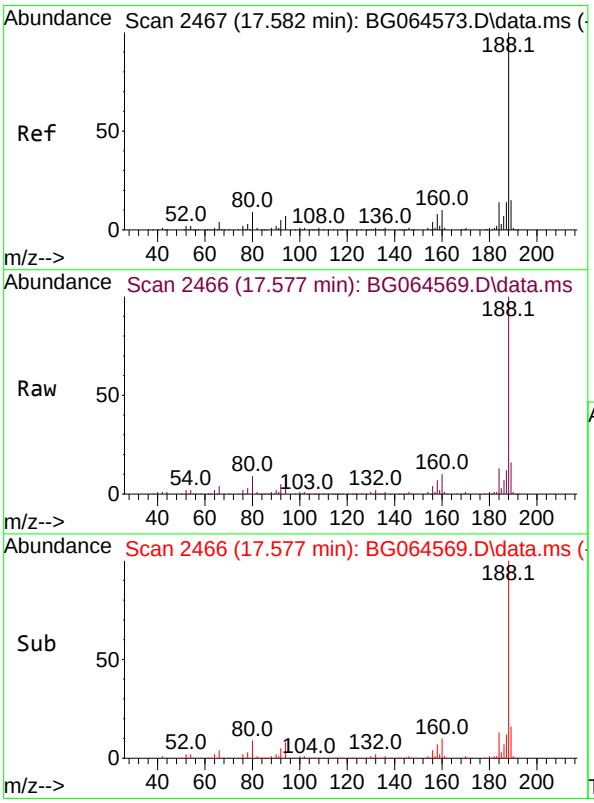
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 13.48 min

Lab File: BG064569.D
Acq: 24 Oct 2025 9:00

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

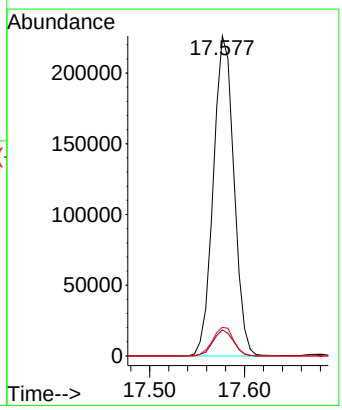
Sig	Exp Ratio
172	100
171	36.7
170	23.9

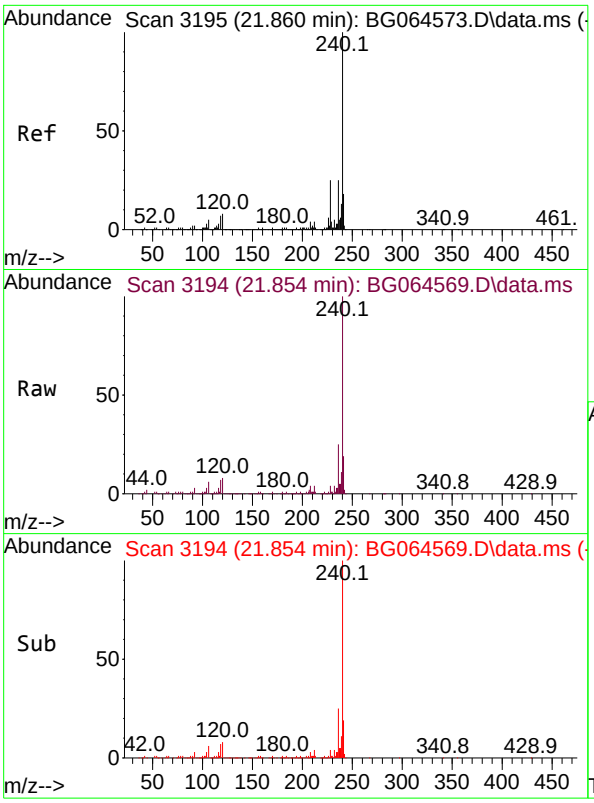


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.577 min Scan# 2466
Delta R.T. -0.006 min
Lab File: BG064569.D
Acq: 24 Oct 2025 9:00

Tgt Ion:188 Resp: 341404

Ion	Ratio	Lower	Upper
188	100		
94	8.1	5.7	8.5
80	8.9	6.8	10.2



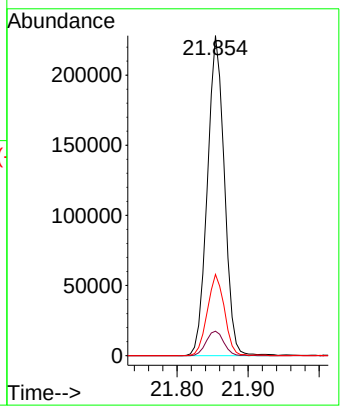


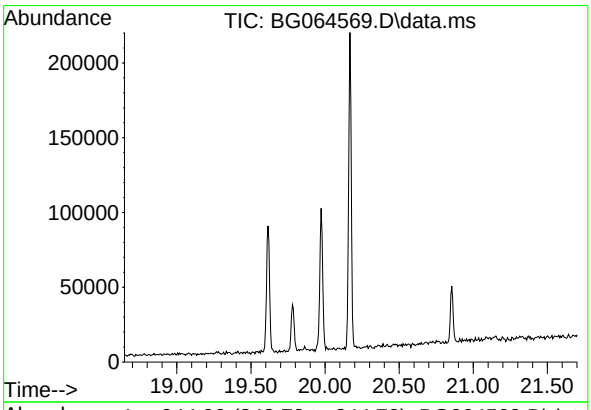
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.854 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG064569.D
Acq: 24 Oct 2025 9:00

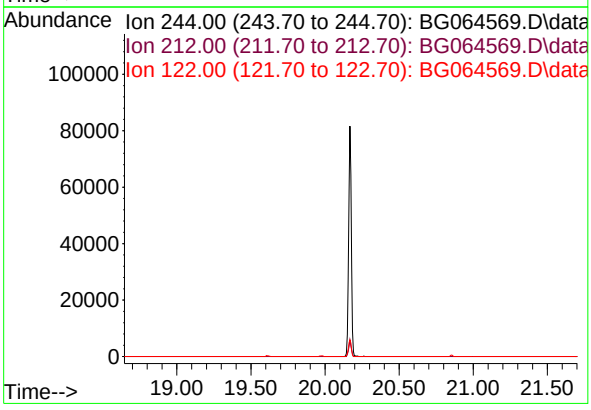
Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion:240 Resp: 378586

Ion	Ratio	Lower	Upper
240	100		
120	7.6	6.5	9.7
236	25.4	20.2	30.2





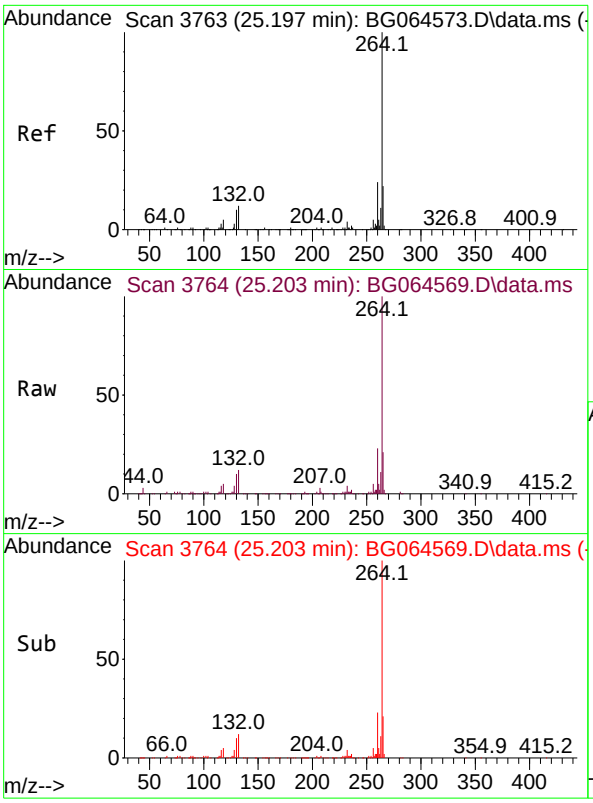


#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 20.17 min

Lab File: BG064569.D
Acq: 24 Oct 2025 9:00

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	7.6
122	7.0

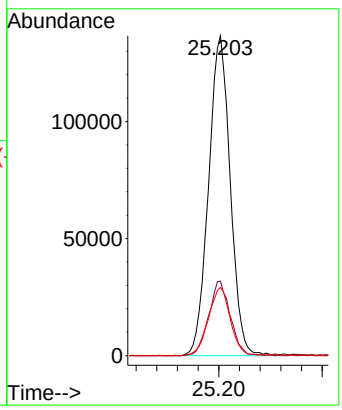


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.203 min Scan# 3
Delta R.T. 0.006 min
Lab File: BG064569.D
Acq: 24 Oct 2025 9:00

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 398350

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.0	28.4
265	21.3	17.6	26.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064570.D
Acq On : 24 Oct 2025 9:41
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 03 17:58:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 17:56:56 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.219	152	40837	20.000	ng		0.00
21) Naphthalene-d8	11.045	136	168287	20.000	ng	#	0.00
39) Acenaphthene-d10	14.840	164	131387	20.000	ng		0.00
64) Phenanthrene-d10	17.578	188	331372	20.000	ng		0.00
76) Chrysene-d12	21.856	240	381389	20.000	ng		0.00
86) Perylene-d12	25.199	264	401350	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.745	112	22421	9.216	ng		0.00
7) Phenol-d6	7.349	99	30003	8.987	ng		0.00
23) Nitrobenzene-d5	9.382	82	20097	7.173	ng		0.00
42) 2,4,6-Tribromophenol	16.315	330	14514	7.654	ng		0.00
45) 2-Fluorobiphenyl	13.471	172	86089	9.932	ng		0.00
79) Terphenyl-d14	20.169	244	204719	10.130	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.589	88	5823	5.406	ng		95
3) Pyridine	4.000	79	16637	5.143	ng		89
6) Aniline	7.525	93	22494	4.952	ng		98
8) 2-Chlorophenol	7.778	128	10732	4.214	ng		96
10) Phenol	7.373	94	16995	4.603	ng		96
11) bis(2-Chloroethyl)ether	7.619	93	13341	4.915	ng		95
12) 1,3-Dichlorobenzene	8.113	146	14650	4.998	ng		93
13) 1,4-Dichlorobenzene	8.260	146	14610m	4.902	ng		
14) 1,2-Dichlorobenzene	8.583	146	13994	4.868	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.736	45	34925	4.905	ng		97
17) 2-Methylphenol	8.648	107	11259	4.593	ng		97
18) Hexachloroethane	9.329	117	4773	4.564	ng		97
19) n-Nitroso-di-n-propyla...	9.024	70	10596	4.592	ng		92
22) Acetophenone	9.035	105	22505	4.892	ng	#	92
24) Nitrobenzene	9.423	77	11526	3.782	ng	#	95
25) Isophorone	9.946	82	31609	4.701	ng	#	93
26) 2-Nitrophenol	10.140	139	3186	5.664	ng		99
27) 2,4-Dimethylphenol	10.193	122	9925	3.969	ng		92
28) bis(2-Chloroethoxy)met...	10.434	93	18999	4.963	ng		95
29) 2,4-Dichlorophenol	10.680	162	10223	3.798	ng		89
30) 1,2,4-Trichlorobenzene	10.904	180	14238	4.656	ng		97
31) Naphthalene	11.098	128	45559	4.883	ng		98
33) 4-Chloroaniline	11.186	127	16429	4.530	ng		93
34) Hexachlorobutadiene	11.391	225	11212	4.688	ng		95
36) 4-Chloro-3-methylphenol	12.290	107	13604	4.205	ng		94
37) 2-Methylnaphthalene	12.690	142	32129	4.690	ng		97
38) 1-Methylnaphthalene	12.901	142	33565m	4.951	ng		
40) 1,2,4,5-Tetrachloroben...	13.048	216	21576	4.893	ng		99
43) 2,4,6-Trichlorophenol	13.277	196	9650	3.826	ng		93
44) 2,4,5-Trichlorophenol	13.342	196	11151	3.831	ng	#	91
46) 1,1'-Biphenyl	13.683	154	47840	5.122	ng		95
47) 2-Chloronaphthalene	13.724	162	34977	4.961	ng		96
48) 2-Nitroaniline	13.906	65	6601	5.826	ng		87
49) Acenaphthylene	14.564	152	54748	4.923	ng		98
50) Dimethylphthalate	14.282	163	45639	4.540	ng		98
51) 2,6-Dinitrotoluene	14.394	165	4161	5.535	ng	#	91

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064570.D
Acq On : 24 Oct 2025 9:41
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

Quant Time: Nov 03 17:58:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 17:56:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) Acenaphthene	14.905	154	36982	4.867	ng		96
53) 3-Nitroaniline	14.717	138	5903	3.417	ng	#	96
55) Dibenzofuran	15.234	168	61779	5.029	ng		97
57) 2,4-Dinitrotoluene	15.175	165	7312	5.721	ng	#	80
58) Fluorene	15.880	166	48305	5.035	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.451	232	10241	3.679	ng	#	95
60) Diethylphthalate	15.639	149	46534	4.533	ng		98
61) 4-Chlorophenyl-phenyle...	15.874	204	26270	4.880	ng		97
62) 4-Nitroaniline	15.869	138	6383	3.321	ng		90
63) Azobenzene	16.162	77	44729	4.749	ng		98
66) n-Nitrosodiphenylamine	16.080	169	42291	4.725	ng		98
67) 4-Bromophenyl-phenylether	16.762	248	18064	4.600	ng		95
68) Hexachlorobenzene	16.885	284	21076	4.705	ng		95
69) Atrazine	17.014	200	17783	4.616	ng		94
71) Phenanthrene	17.619	178	89771	4.954	ng		99
72) Anthracene	17.713	178	90063	4.886	ng		99
73) Carbazole	17.966	167	81350	5.005	ng		98
74) Di-n-butylphthalate	18.530	149	83713	4.454	ng		99
75) Fluoranthene	19.617	202	114724	5.054	ng		98
78) Pyrene	19.975	202	122676	4.923	ng		98
80) Butylbenzylphthalate	20.857	149	27072	3.595	ng		94
81) Benzo(a)anthracene	21.832	228	123345	4.878	ng		98
83) Chrysene	21.903	228	119080	4.949	ng		97
84) Bis(2-ethylhexyl)phtha...	21.750	149	46117	4.098	ng		98
87) Indeno(1,2,3-cd)pyrene	29.030	276	138758	4.700	ng	#	88
88) Benzo(b)fluoranthene	24.129	252	114203	4.640	ng		98
89) Benzo(k)fluoranthene	24.200	252	117893	4.787	ng		99
90) Benzo(a)pyrene	25.040	252	106414	4.704	ng		99
91) Dibenzo(a,h)anthracene	29.100	278	112398	4.686	ng		96
92) Benzo(g,h,i)perylene	30.216	276	108407	4.731	ng		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

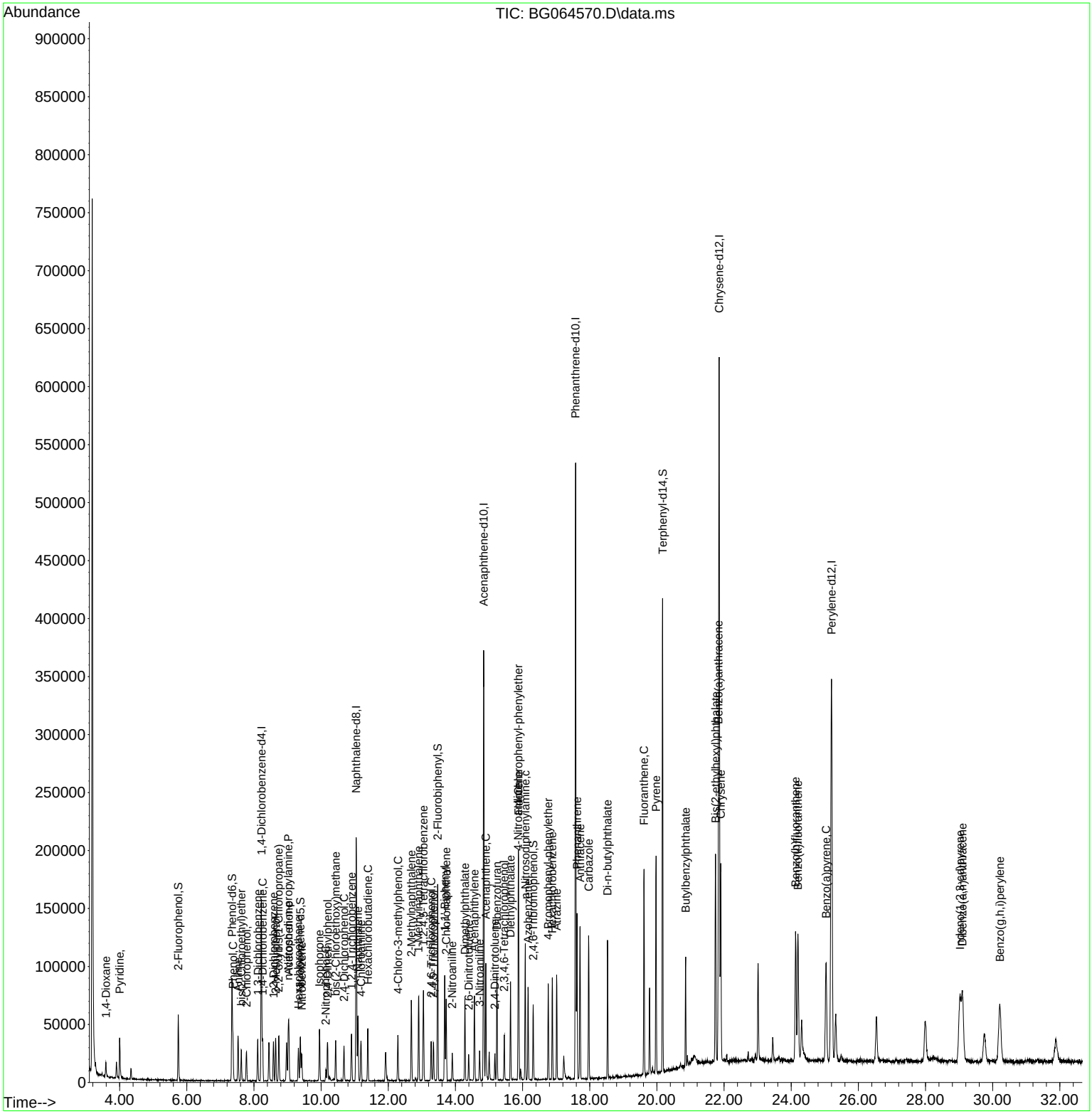
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064570.D
Acq On : 24 Oct 2025 9:41
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

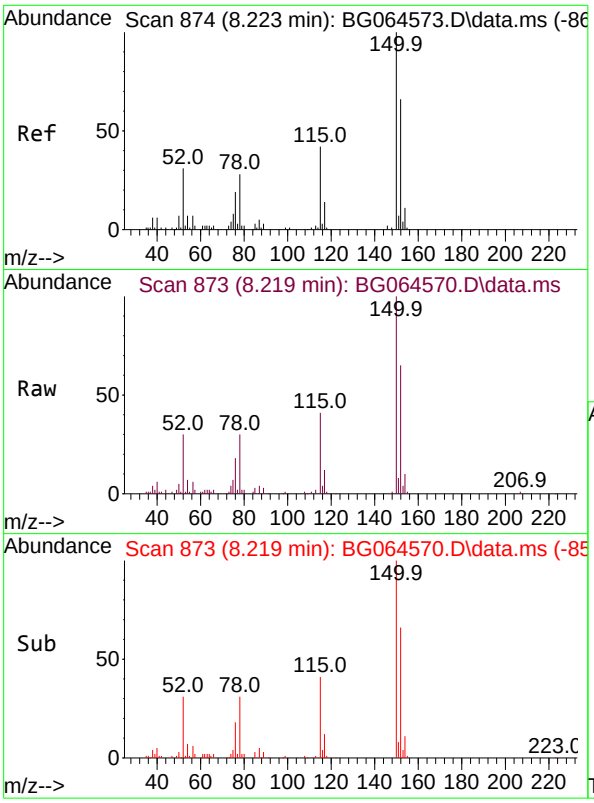
Quant Time: Nov 03 17:58:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 17:56:56 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

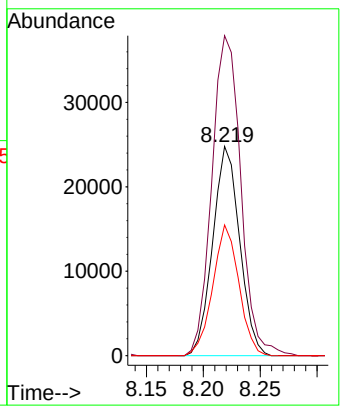




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.219 min Scan# 8
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:152 Resp: 4083

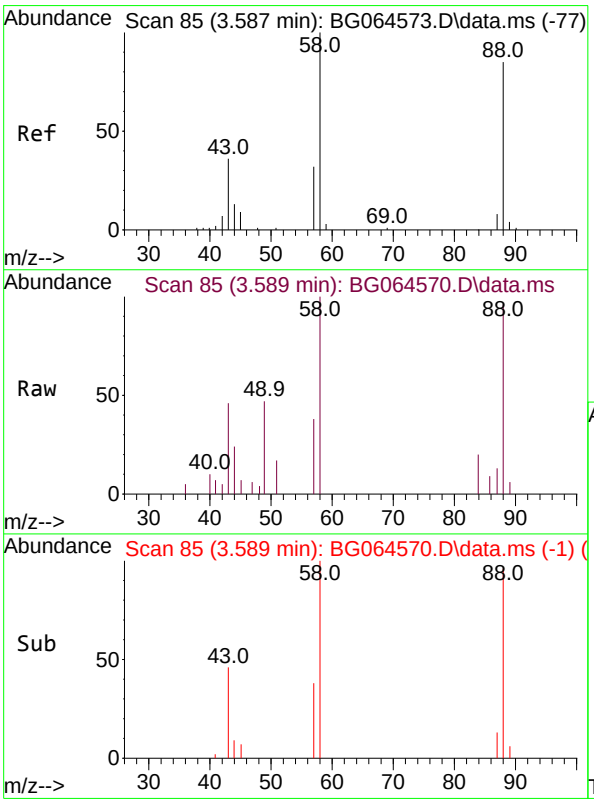
Ion	Ratio	Lower	Upper
152	100		
150	153.0	122.2	183.4
115	62.5	50.8	76.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

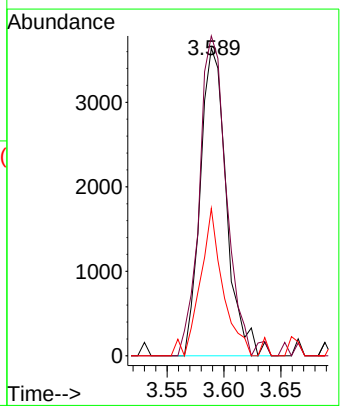
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

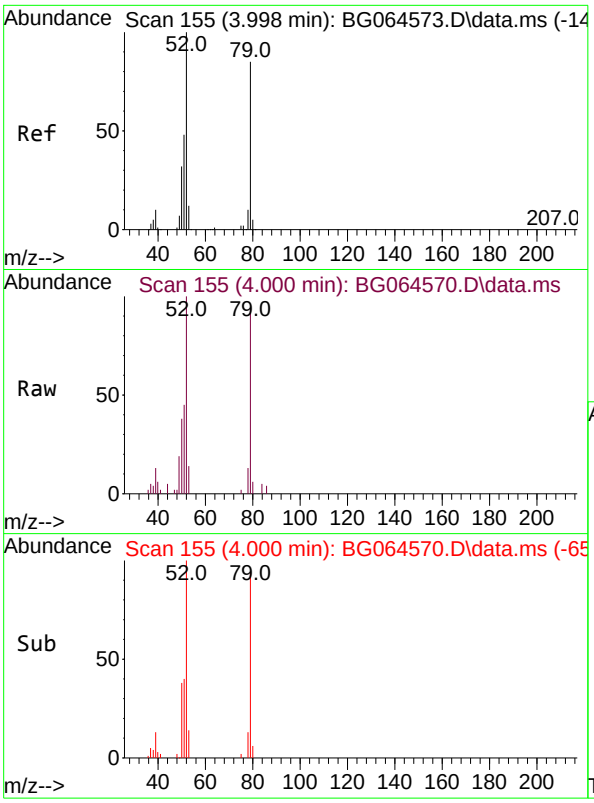


#2
1,4-Dioxane
Concen: 5.406 ng
RT: 3.589 min Scan# 85
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion: 88 Resp: 5823

Ion	Ratio	Lower	Upper
88	100		
58	108.0	92.4	138.6
43	41.6	33.0	49.6

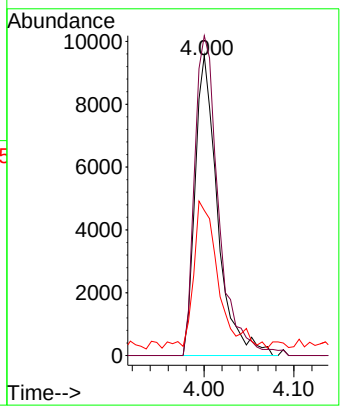




#3
Pyridine
Concen: 5.143 ng
RT: 4.000 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion: 79 Resp: 1663

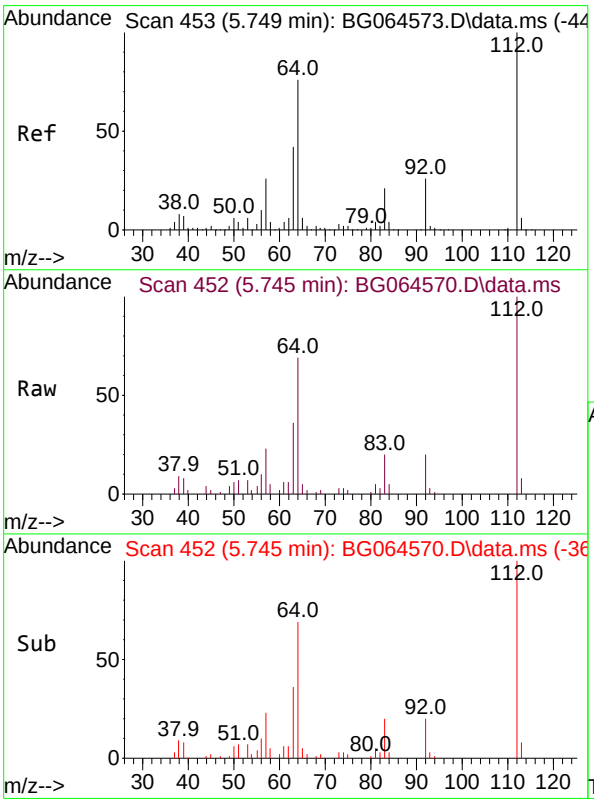
Ion	Ratio	Lower	Upper
79	100		
52	106.6	94.2	141.2
51	48.4	46.1	69.1



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

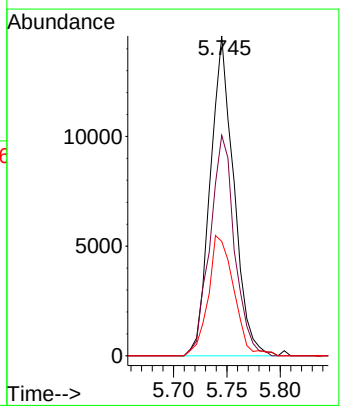
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

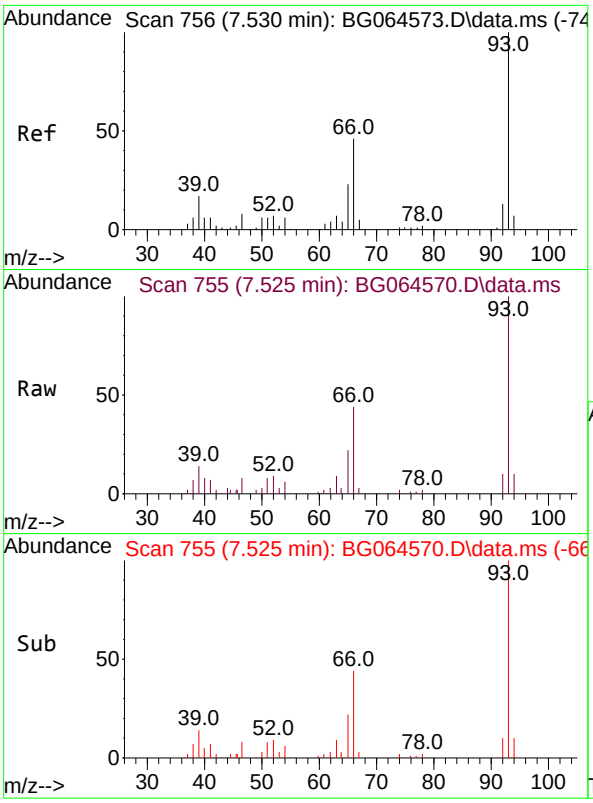


#5
2-Fluorophenol
Concen: 9.216 ng
RT: 5.745 min Scan# 452
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:112 Resp: 22421

Ion	Ratio	Lower	Upper
112	100		
64	68.9	60.7	91.1
63	35.8	33.4	50.0

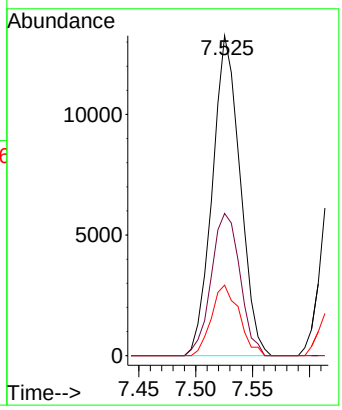




#6
Aniline
Concen: 4.952 ng
RT: 7.525 min Scan# 7
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion: 93 Resp: 2249

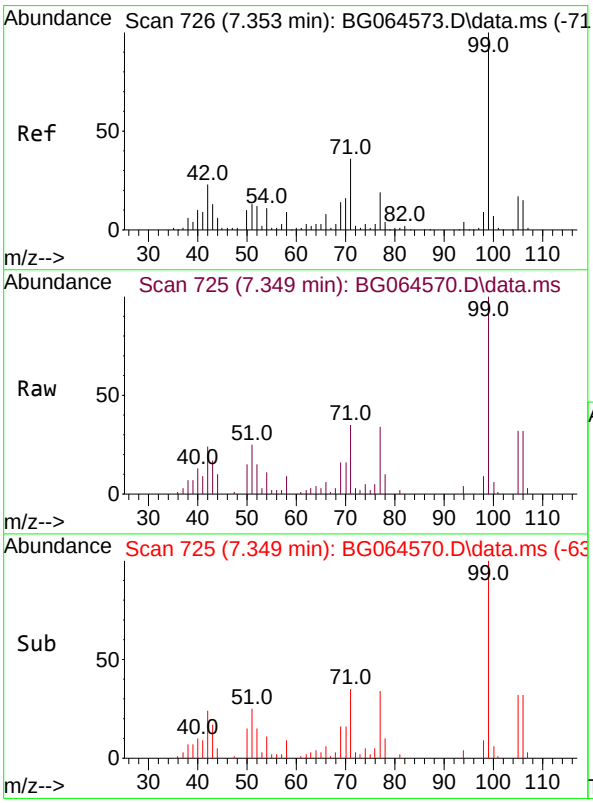
Ion	Ratio	Lower	Upper
93	100		
66	44.4	37.0	55.6
65	22.0	18.3	27.5



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

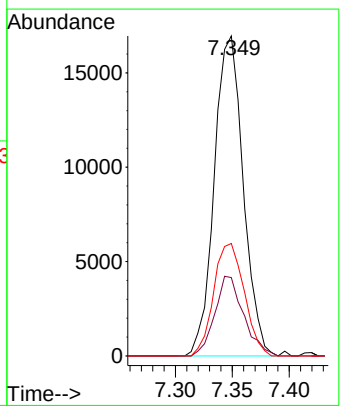
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

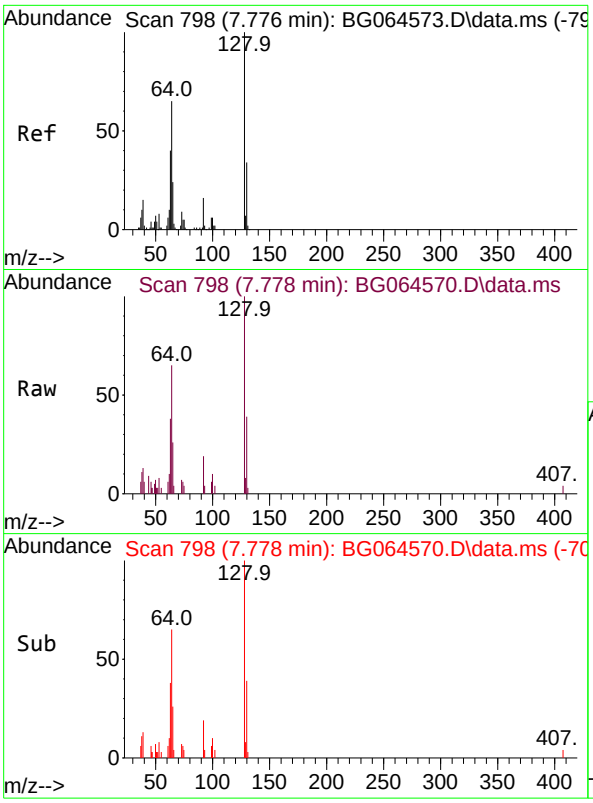


#7
Phenol-d6
Concen: 8.987 ng
RT: 7.349 min Scan# 725
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion: 99 Resp: 30003

Ion	Ratio	Lower	Upper
99	100		
42	24.5	18.3	27.5
71	35.1	28.6	43.0

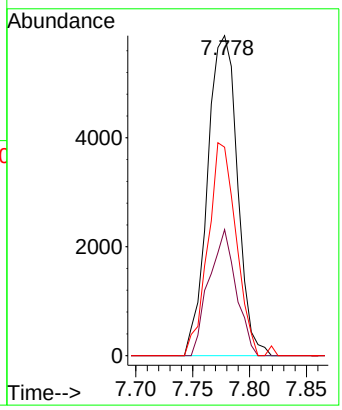




#8
2-Chlorophenol
Concen: 4.214 ng
RT: 7.778 min Scan# 79
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:128 Resp: 1073

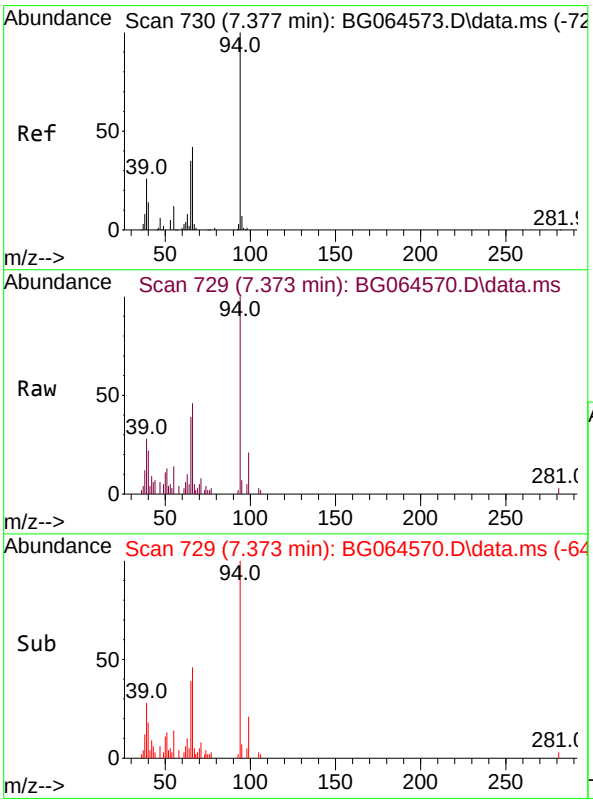
Ion	Ratio	Lower	Upper
128	100		
130	39.4	13.5	53.5
64	65.2	45.2	85.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

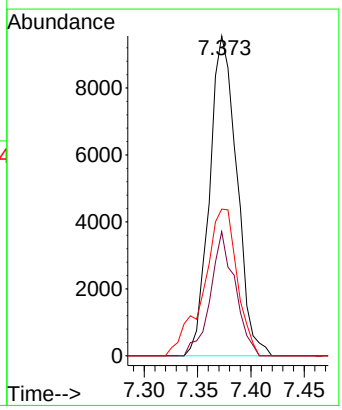
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

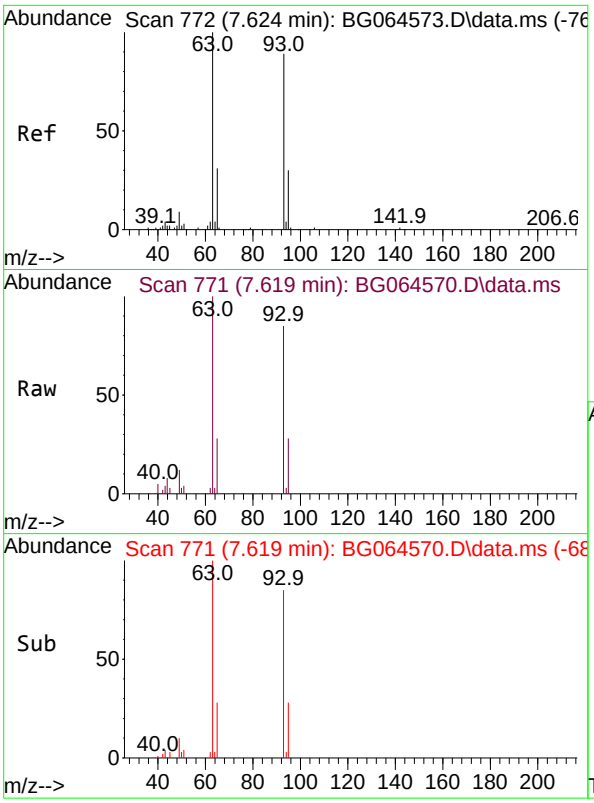


#10
Phenol
Concen: 4.603 ng
RT: 7.373 min Scan# 729
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion: 94 Resp: 16995

Ion	Ratio	Lower	Upper
94	100		
65	38.8	15.8	55.8
66	45.9	24.0	64.0

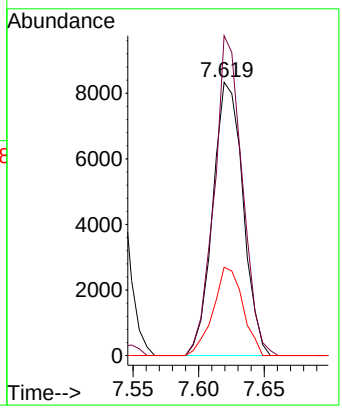




#11
bis(2-Chloroethyl)ether
Concen: 4.915 ng
RT: 7.619 min Scan# 7
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion: 93 Resp: 1334

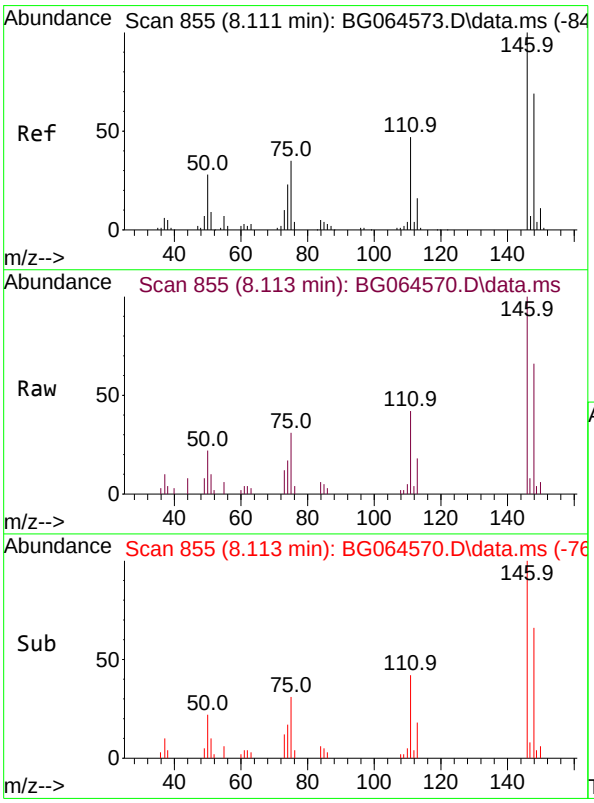
Ion	Ratio	Lower	Upper
93	100		
63	117.0	91.3	131.3
95	32.3	13.3	53.3



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

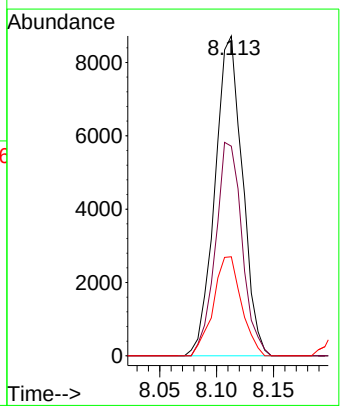
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

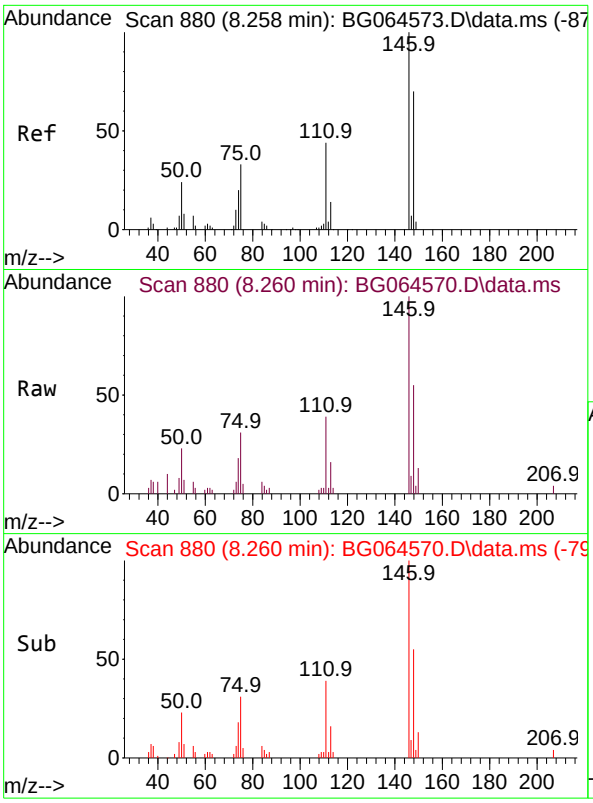


#12
1,3-Dichlorobenzene
Concen: 4.998 ng
RT: 8.113 min Scan# 855
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:146 Resp: 14650

Ion	Ratio	Lower	Upper
146	100		
148	64.6	55.3	82.9
75	28.7	28.2	42.2

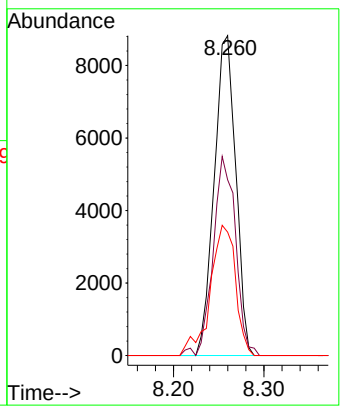




#13
1,4-Dichlorobenzene
Concen: 4.902 ng m
RT: 8.260 min Scan# 8
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:146 Resp: 1461

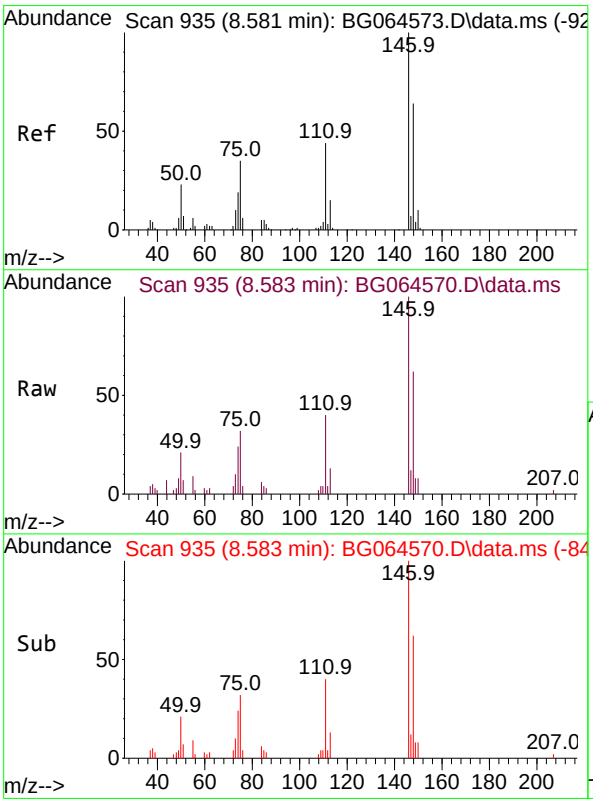
Ion	Ratio	Lower	Upper
146	100		
148	54.9	56.2	84.4
111	38.6	35.4	53.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations
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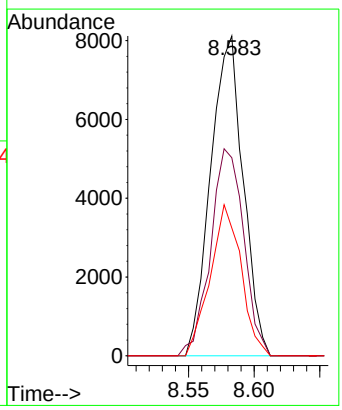
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

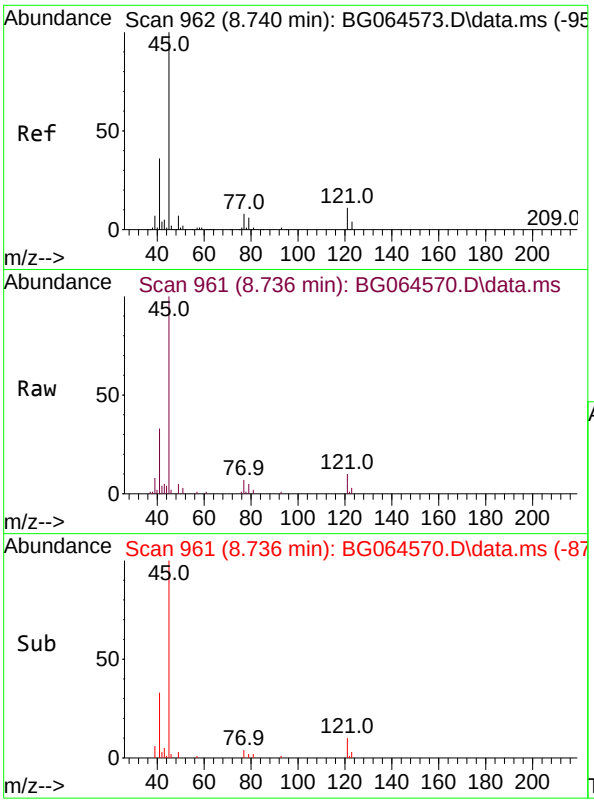


#14
1,2-Dichlorobenzene
Concen: 4.868 ng
RT: 8.583 min Scan# 935
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:146 Resp: 13994

Ion	Ratio	Lower	Upper
146	100		
148	61.9	51.5	77.3
111	40.0	35.0	52.6





#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.905 ng
RT: 8.736 min Scan# 9
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

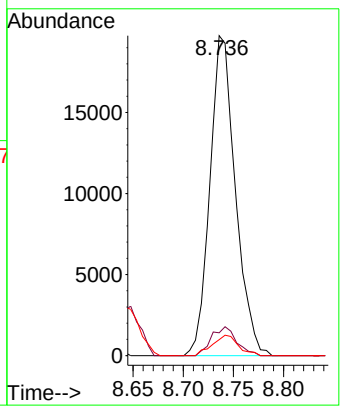
Tgt Ion: 45 Resp: 3492

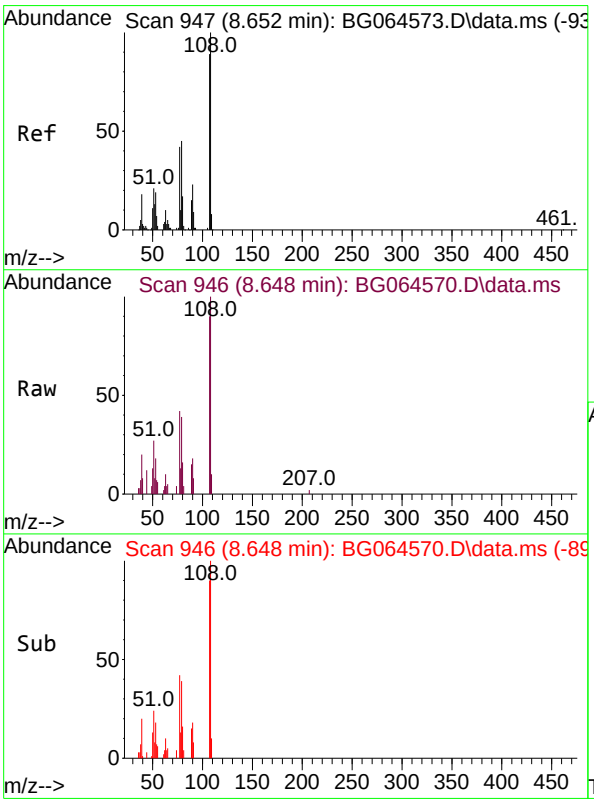
Ion	Ratio	Lower	Upper
45	100		
77	7.1	0.0	28.5
79	5.0	0.0	25.6

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

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Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

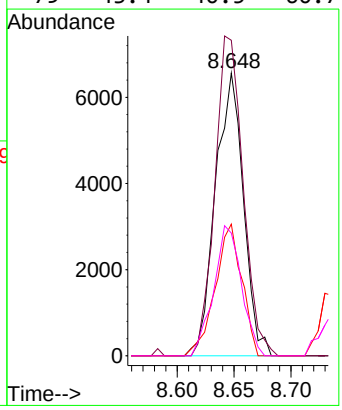


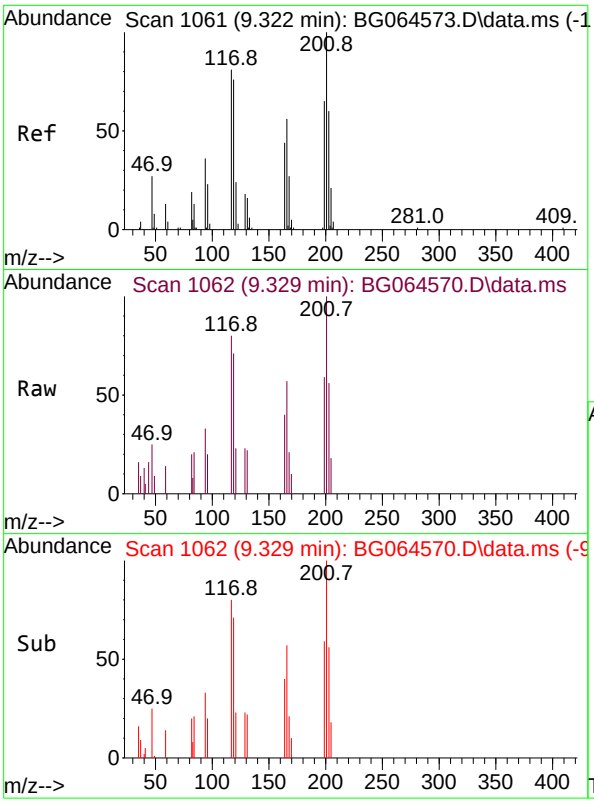


#17
2-Methylphenol
Concen: 4.593 ng
RT: 8.648 min Scan# 946
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:107 Resp: 11259

Ion	Ratio	Lower	Upper
107	100		
108	111.6	90.0	135.0
77	46.6	37.8	56.8
79	43.4	40.5	60.7

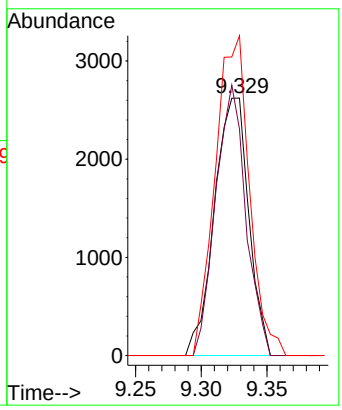




#18
Hexachloroethane
Concen: 4.564 ng
RT: 9.329 min Scan# 10
Delta R.T. 0.008 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:117 Resp: 477

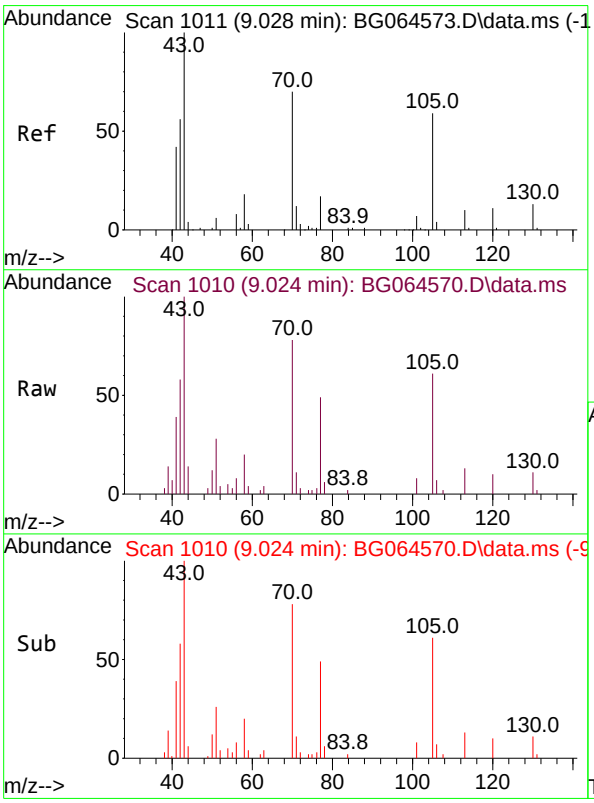
Ion	Ratio	Lower	Upper
117	100		
119	88.0	75.4	113.2
201	124.2	99.2	148.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

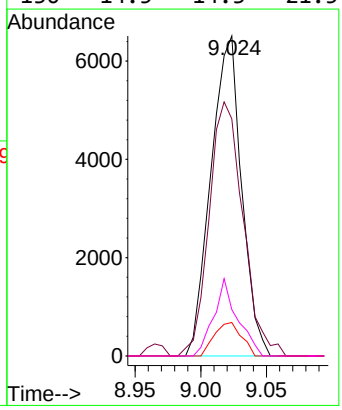
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

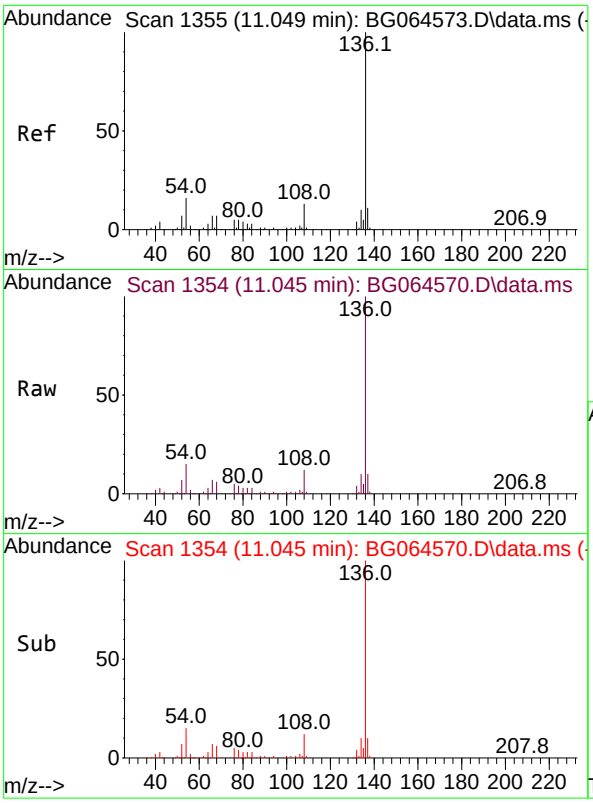


#19
n-Nitroso-di-n-propylamine
Concen: 4.592 ng
RT: 9.024 min Scan# 1010
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion: 70 Resp: 10596

Ion	Ratio	Lower	Upper
70	100		
42	74.1	65.2	97.8
101	10.4	7.9	11.9
130	14.5	14.3	21.5

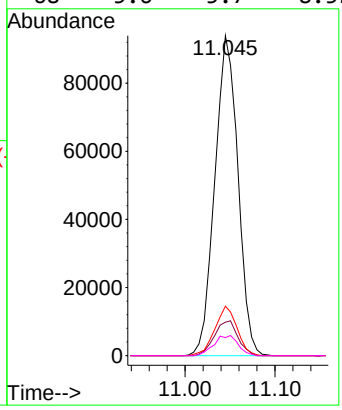




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.045 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:136 Resp: 16828

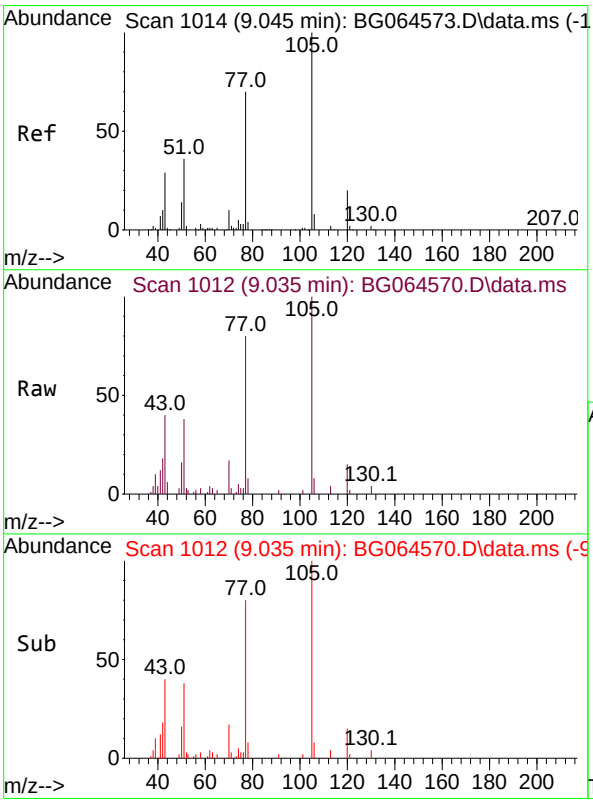
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.2	13.8
54	15.4	12.6	19.0
68	5.6	5.7	8.5#



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

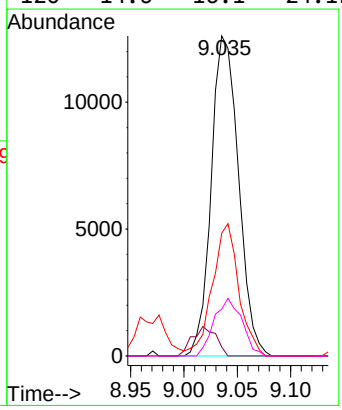
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

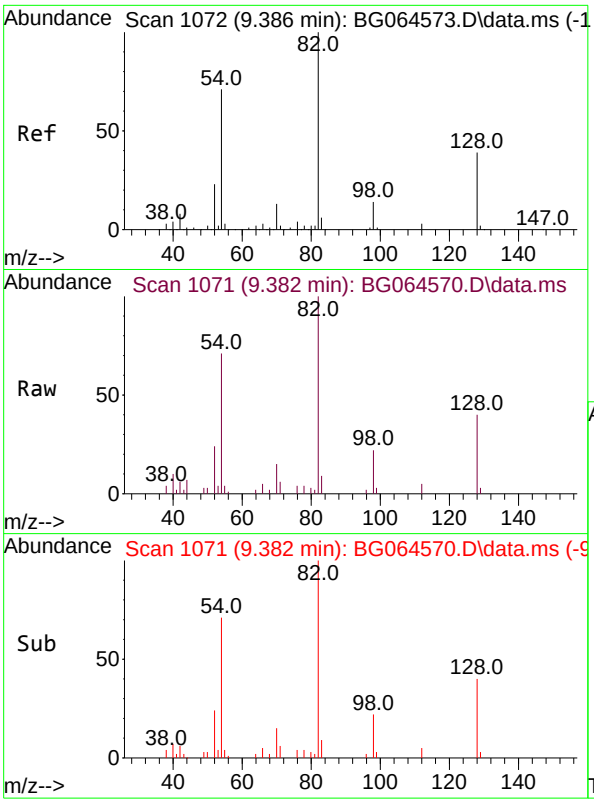


#22
Acetophenone
Concen: 4.892 ng
RT: 9.035 min Scan# 1012
Delta R.T. -0.010 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:105 Resp: 22505

Ion	Ratio	Lower	Upper
105	100		
71	2.8	1.5	2.3#
51	38.4	33.7	50.5
120	14.6	16.1	24.1#

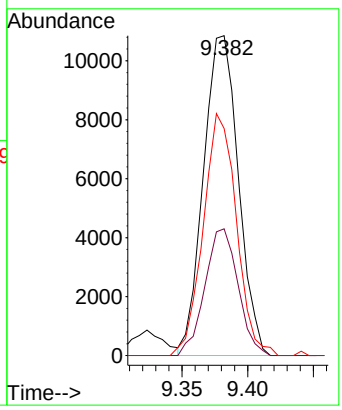




#23
Nitrobenzene-d5
Concen: 7.173 ng
RT: 9.382 min Scan# 10
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion: 82 Resp: 2009

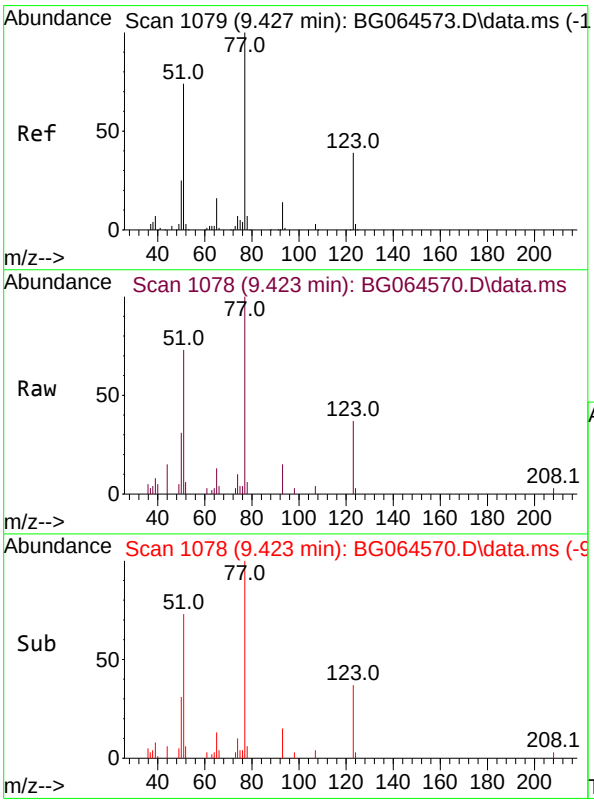
Ion	Ratio	Lower	Upper
82	100		
128	39.6	31.3	46.9
54	71.0	56.6	84.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations
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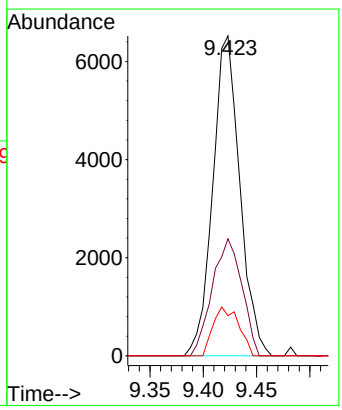
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

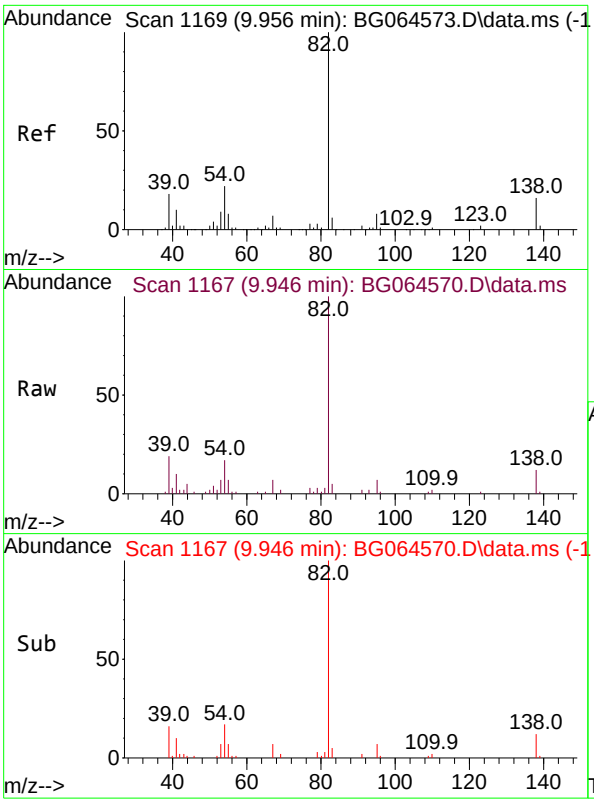


#24
Nitrobenzene
Concen: 3.782 ng
RT: 9.423 min Scan# 1078
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion: 77 Resp: 11526

Ion	Ratio	Lower	Upper
77	100		
123	36.6	31.0	46.6
65	12.6	12.7	19.1#

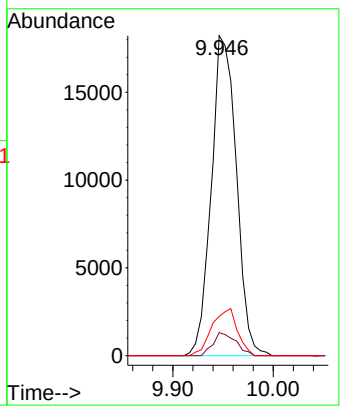




#25
Isophorone
Concen: 4.701 ng
RT: 9.946 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion: 82 Resp: 3160

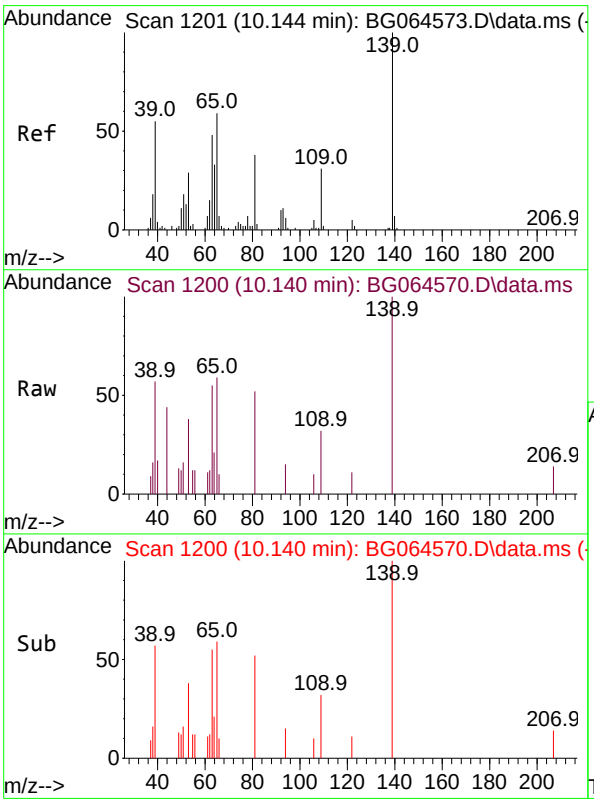
Ion	Ratio	Lower	Upper
82	100		
95	7.2	6.1	9.1
138	12.3	13.0	19.4#



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations
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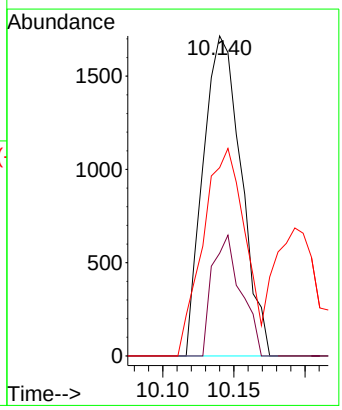
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

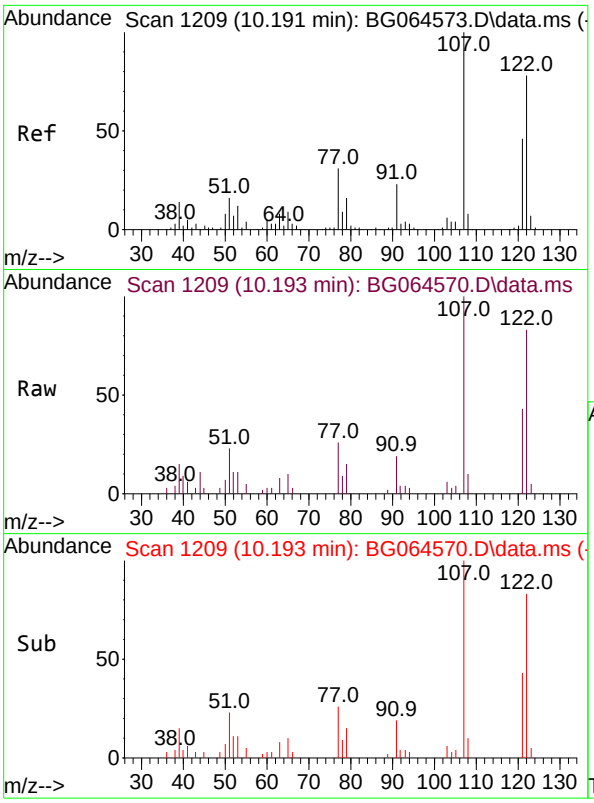


#26
2-Nitrophenol
Concen: 5.664 ng
RT: 10.140 min Scan# 1200
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:139 Resp: 3186

Ion	Ratio	Lower	Upper
139	100		
109	32.1	24.6	37.0
65	58.9	47.5	71.3

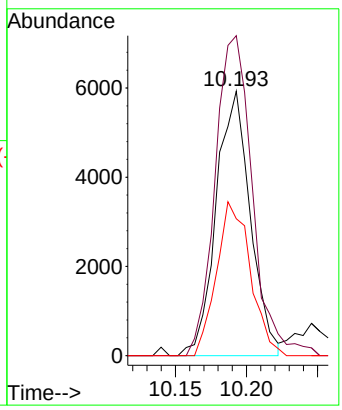




#27
2,4-Dimethylphenol
Concen: 3.969 ng
RT: 10.193 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:122 Resp: 992

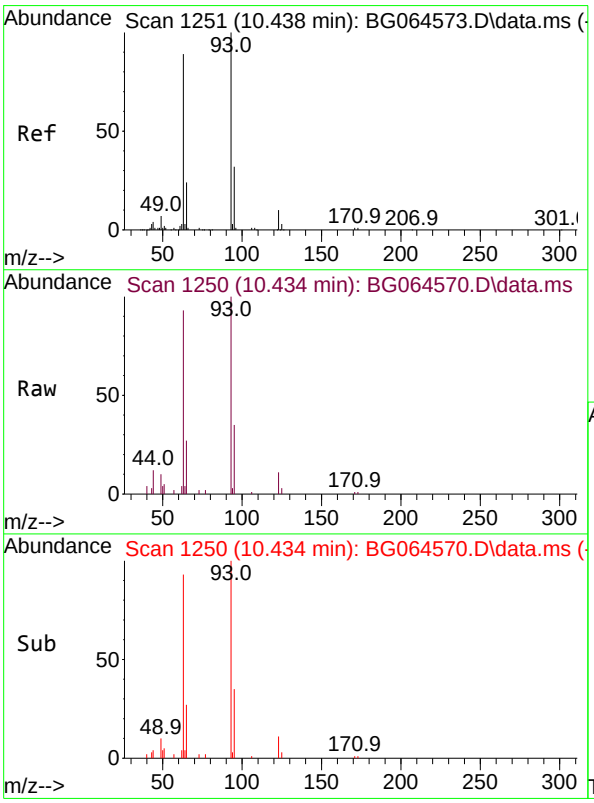
Ion	Ratio	Lower	Upper
122	100		
107	121.0	103.0	154.4
121	51.7	47.8	71.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

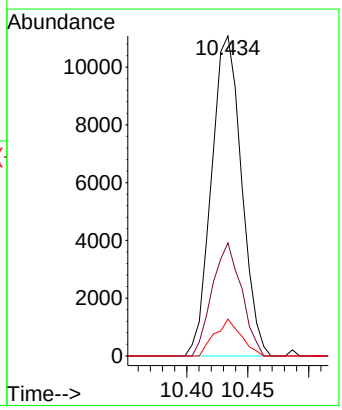
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

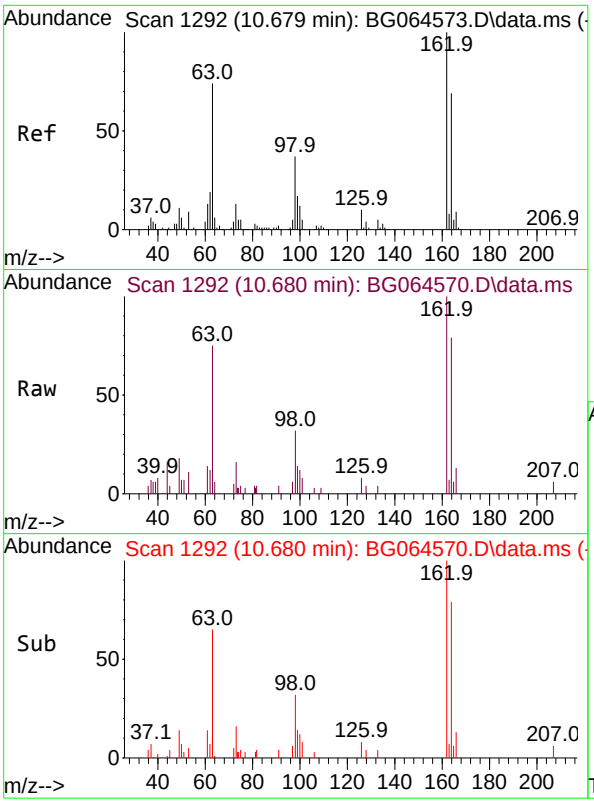


#28
bis(2-Chloroethoxy)methane
Concen: 4.963 ng
RT: 10.434 min Scan# 1250
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion: 93 Resp: 18999

Ion	Ratio	Lower	Upper
93	100		
95	35.3	25.4	38.2
123	11.5	8.4	12.6





#29
2,4-Dichlorophenol
Concen: 3.798 ng
RT: 10.680 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

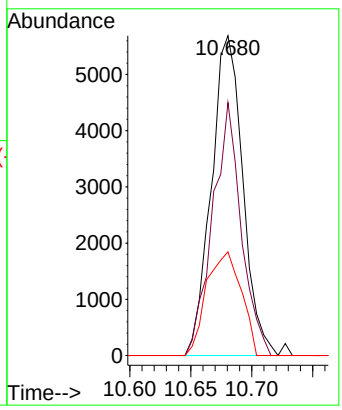
Tgt Ion:162 Resp: 1022

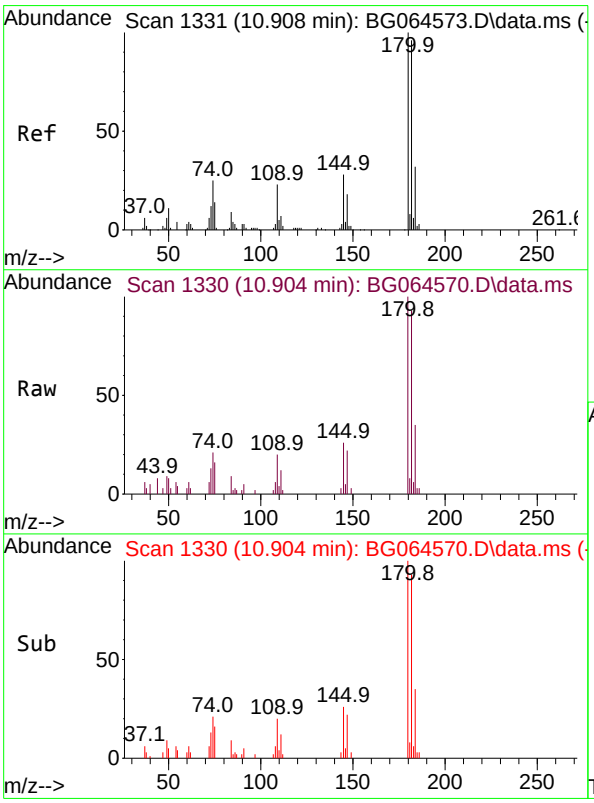
Ion	Ratio	Lower	Upper
162	100		
164	79.1	48.7	88.7
98	32.4	16.9	56.9

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

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Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

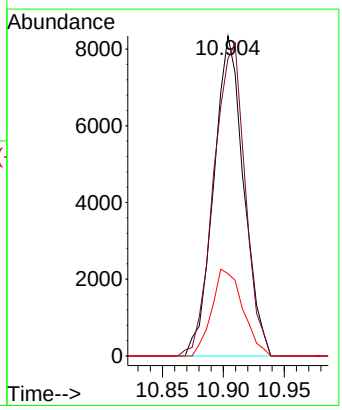


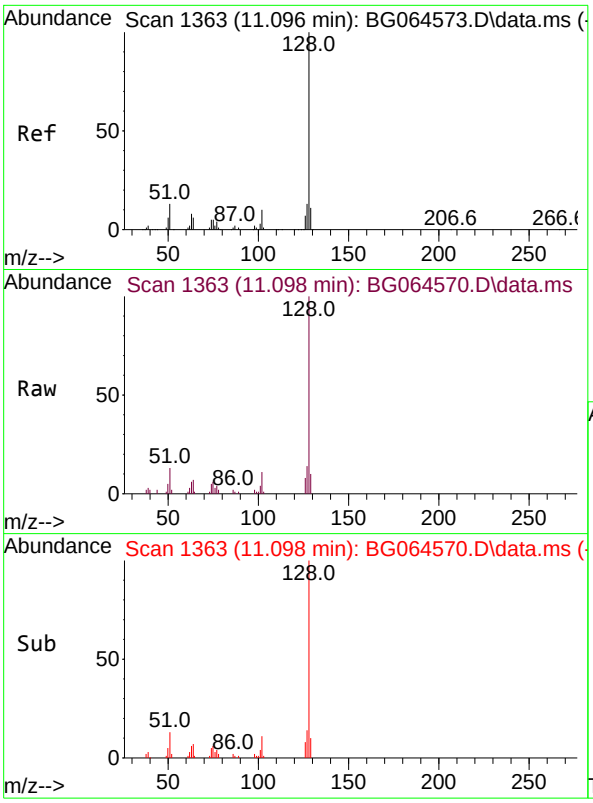


#30
1,2,4-Trichlorobenzene
Concen: 4.656 ng
RT: 10.904 min Scan# 1330
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:180 Resp: 14238

Ion	Ratio	Lower	Upper
180	100		
182	92.9	76.9	115.3
145	25.7	22.1	33.1

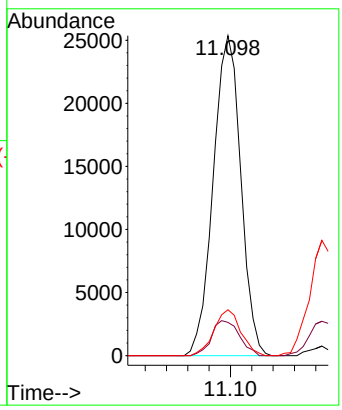




#31
Naphthalene
Concen: 4.883 ng
RT: 11.098 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:128 Resp: 4555

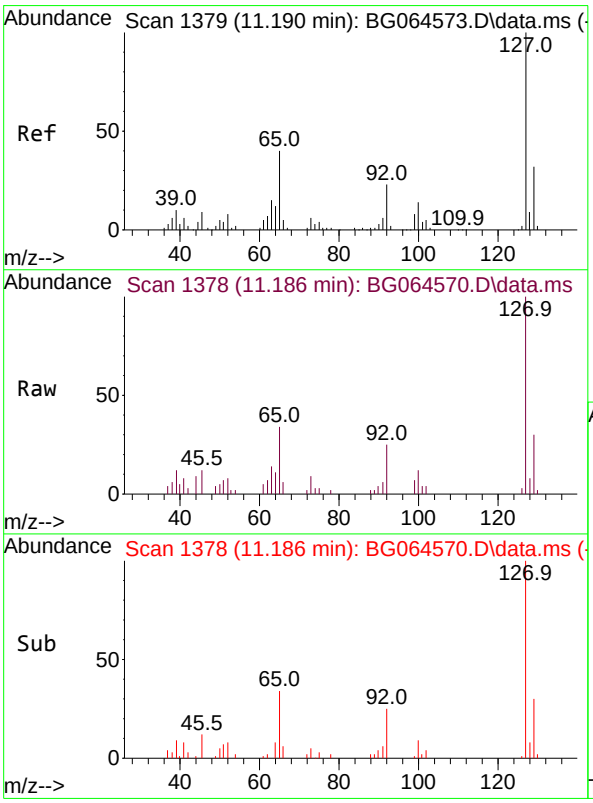
Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.8	13.2
127	14.3	10.6	15.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

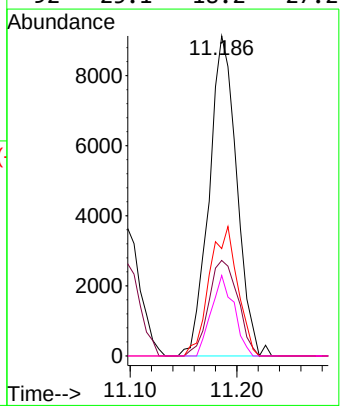
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

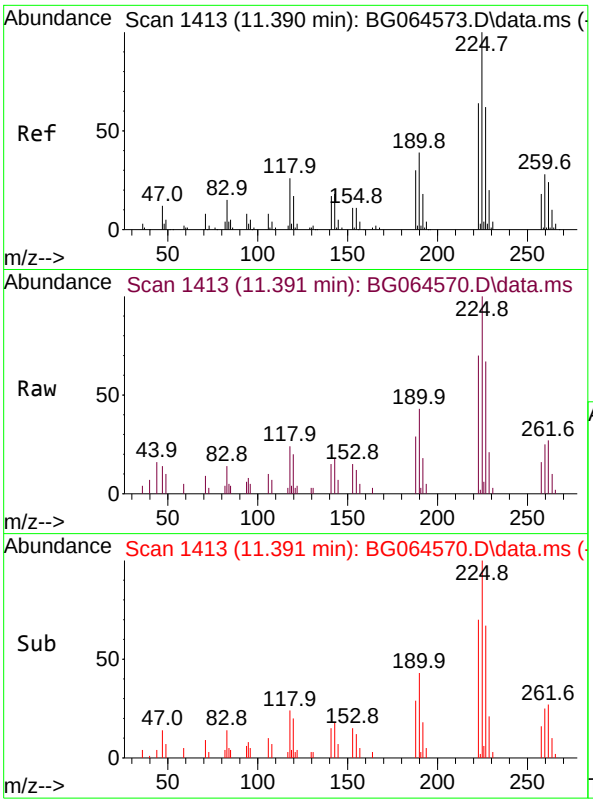


#33
4-Chloroaniline
Concen: 4.530 ng
RT: 11.186 min Scan# 1378
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:127 Resp: 16429

Ion	Ratio	Lower	Upper
127	100		
129	29.8	25.5	38.3
65	33.5	32.2	48.4
92	25.1	18.2	27.2

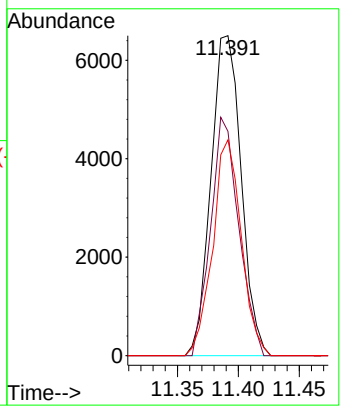




#34
Hexachlorobutadiene
Concen: 4.688 ng
RT: 11.391 min Scan# 14
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:225 Resp: 1121

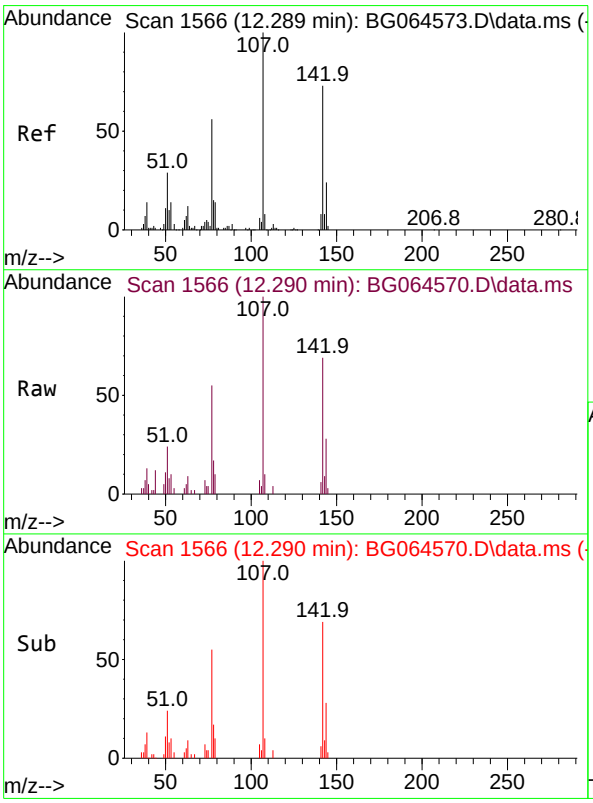
Ion	Ratio	Lower	Upper
225	100		
223	66.4	48.8	73.2
227	63.9	49.5	74.3



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations
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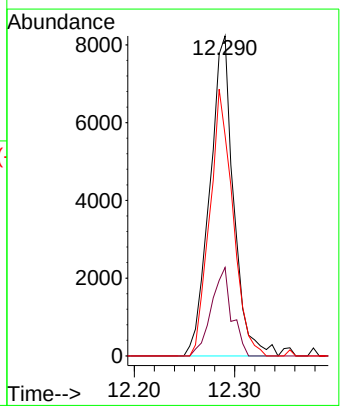
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

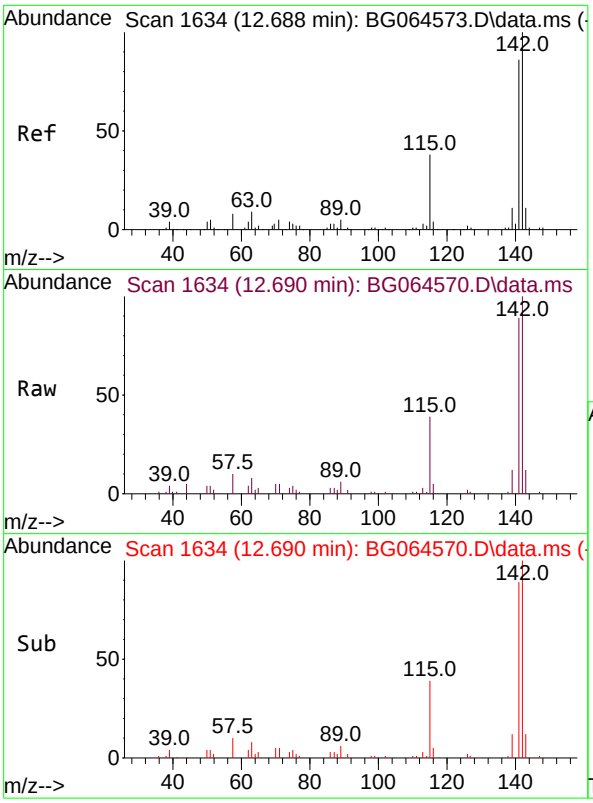


#36
4-Chloro-3-methylphenol
Concen: 4.205 ng
RT: 12.290 min Scan# 1566
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:107 Resp: 13604

Ion	Ratio	Lower	Upper
107	100		
144	27.6	19.1	28.7
142	68.9	58.6	87.8

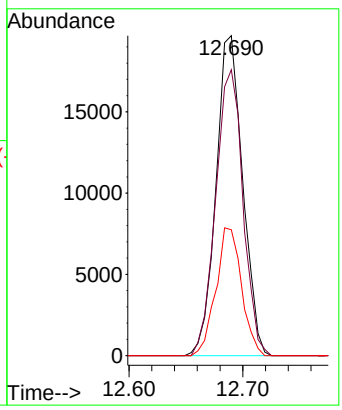




#37
2-Methylnaphthalene
Concen: 4.690 ng
RT: 12.690 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:142 Resp: 3212

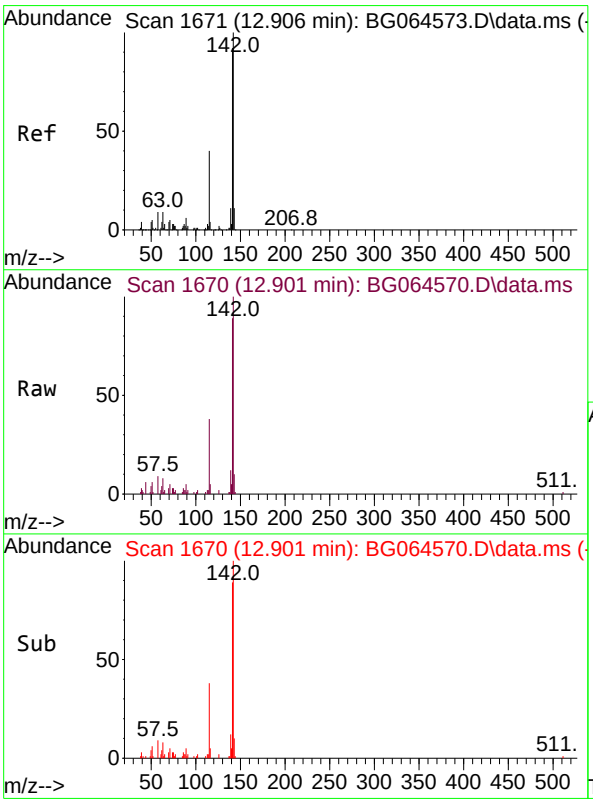
Ion	Ratio	Lower	Upper
142	100		
141	89.3	68.9	103.3
115	39.3	30.6	46.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

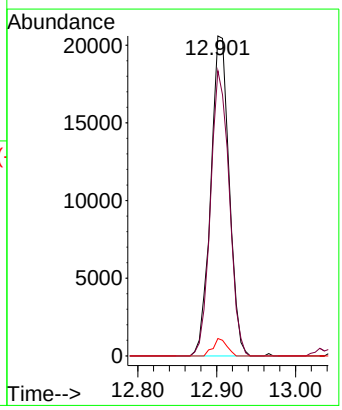
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

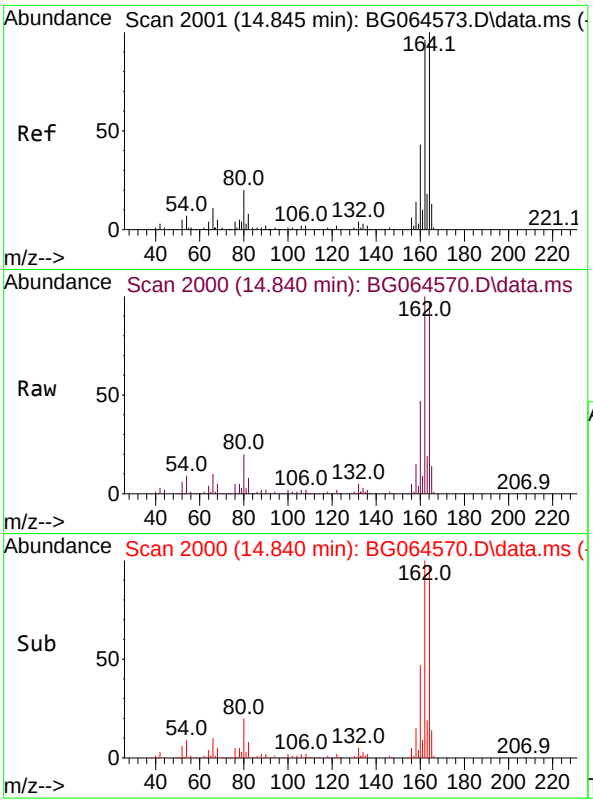


#38
1-Methylnaphthalene
Concen: 4.951 ng m
RT: 12.901 min Scan# 1670
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:142 Resp: 33565

Ion	Ratio	Lower	Upper
142	100		
141	89.1	73.3	109.9
116	5.4	3.1	4.7#

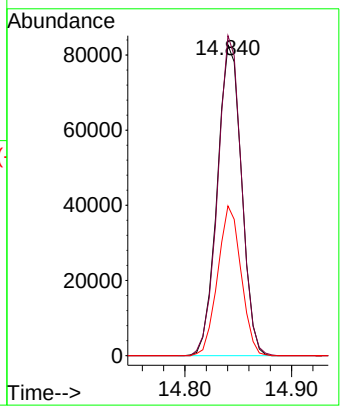




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.840 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:164 Resp: 13138

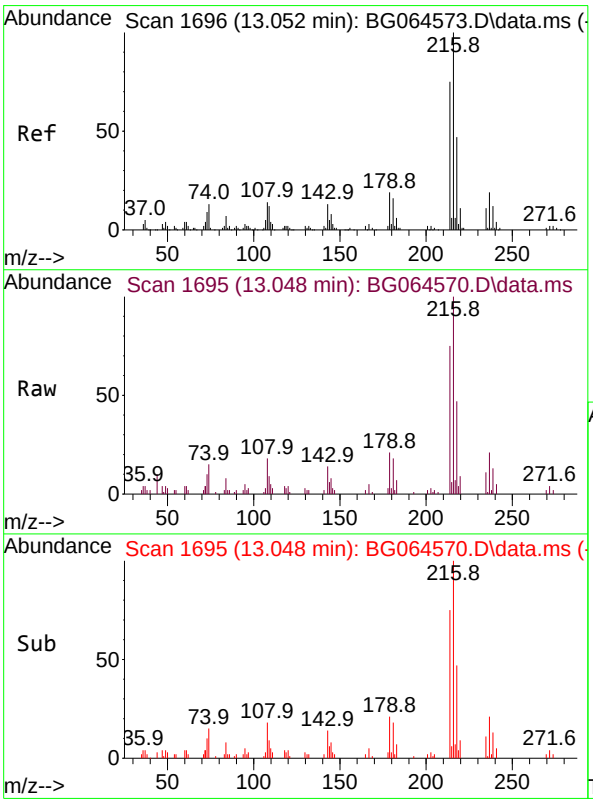
Ion	Ratio	Lower	Upper
164	100		
162	103.0	77.0	115.6
160	48.2	34.4	51.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

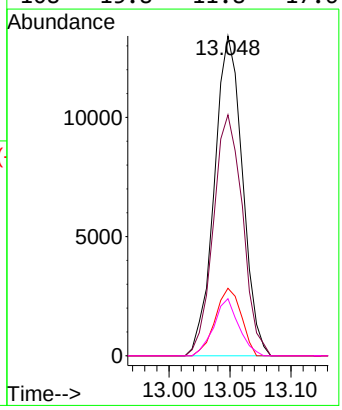
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

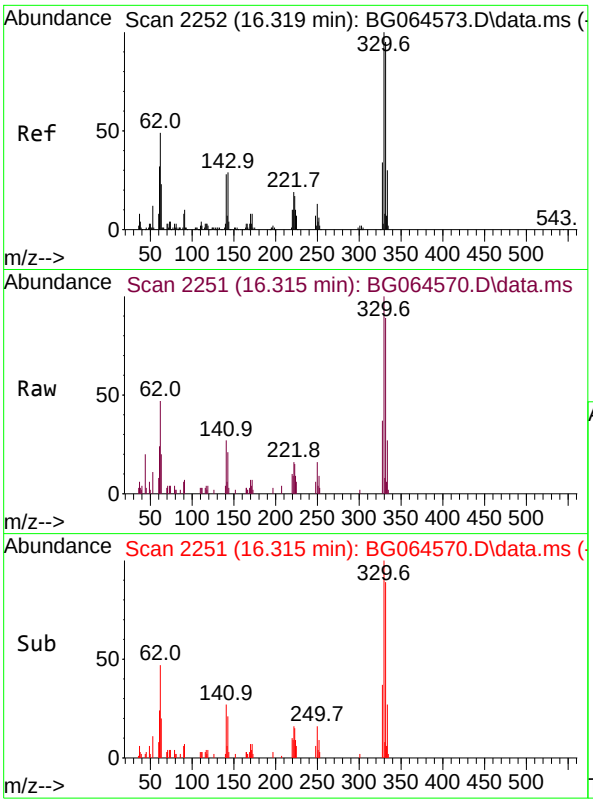


#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.893 ng
RT: 13.048 min Scan# 1695
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:216 Resp: 21576

Ion	Ratio	Lower	Upper
216	100		
214	78.0	61.4	92.2
179	19.5	15.4	23.0
108	15.8	11.8	17.6

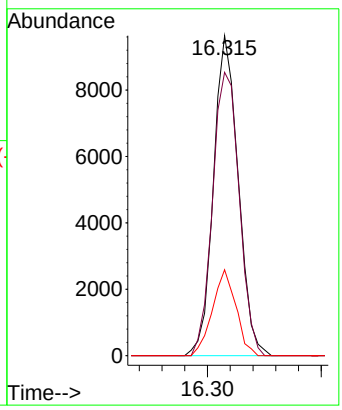




#42
2,4,6-Tribromophenol
Concen: 7.654 ng
RT: 16.315 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:330 Resp: 1451

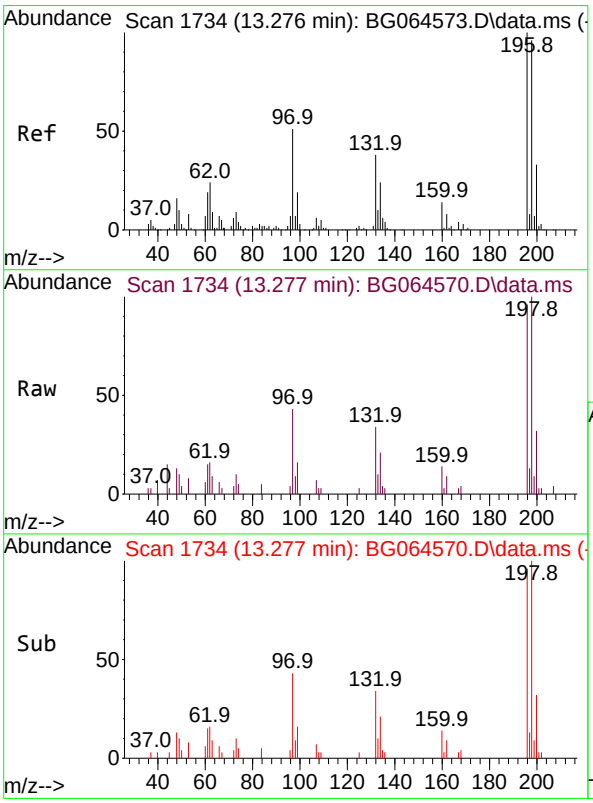
Ion	Ratio	Lower	Upper
330	100		
332	95.3	78.0	117.0
141	25.5	21.8	32.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

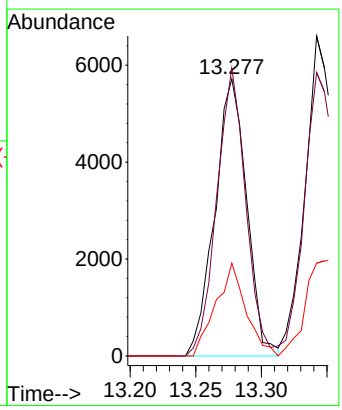
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

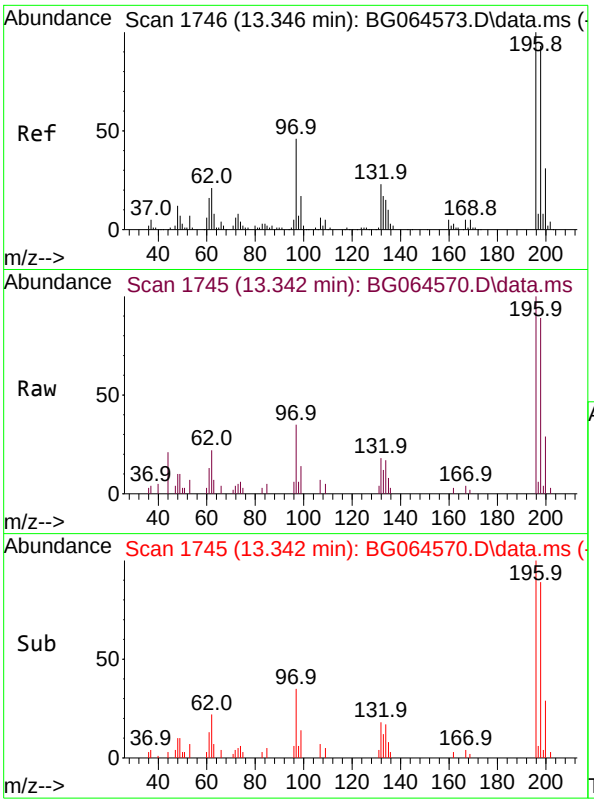


#43
2,4,6-Trichlorophenol
Concen: 3.826 ng
RT: 13.277 min Scan# 1734
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:196 Resp: 9650

Ion	Ratio	Lower	Upper
196	100		
198	103.9	76.6	115.0
200	33.5	26.0	39.0

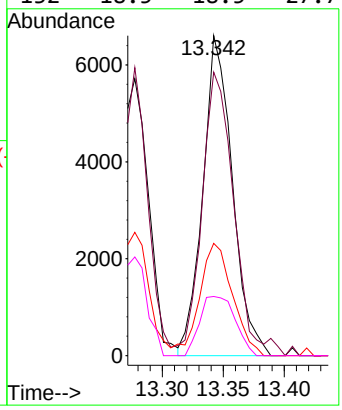




#44
2,4,5-Trichlorophenol
Concen: 3.831 ng
RT: 13.342 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:196 Resp: 1115

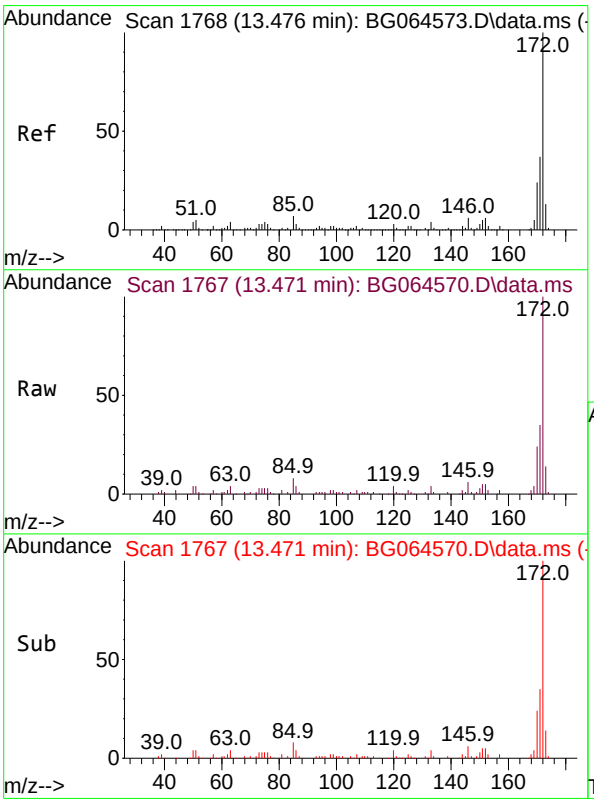
Ion	Ratio	Lower	Upper
196	100		
198	88.6	74.2	111.4
97	35.1	37.0	55.6#
132	18.5	18.5	27.7



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

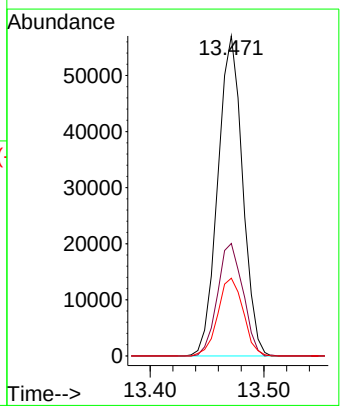
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

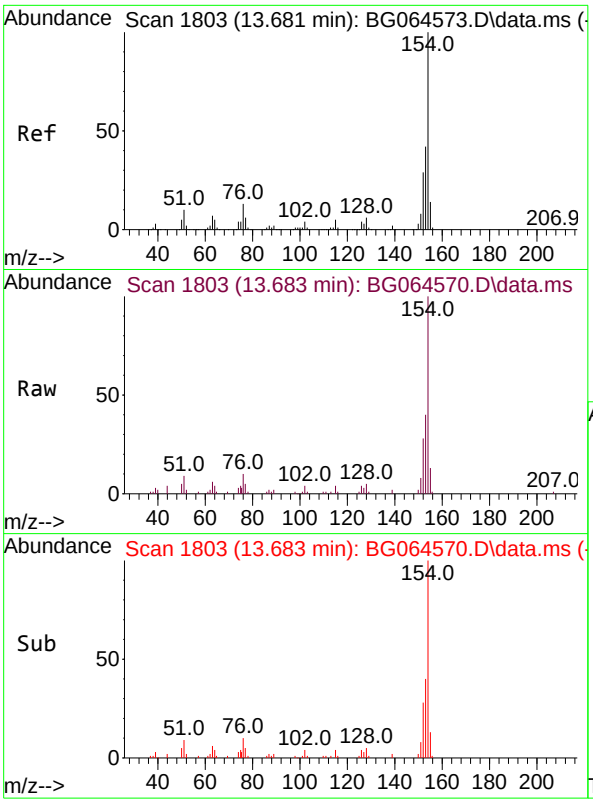


#45
2-Fluorobiphenyl
Concen: 9.932 ng
RT: 13.471 min Scan# 1767
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:172 Resp: 86089

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.4	44.0
170	24.3	19.1	28.7

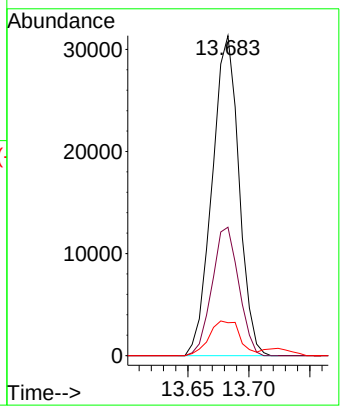




#46
1,1'-Biphenyl
Concen: 5.122 ng
RT: 13.683 min Scan# 18
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:154 Resp: 4784

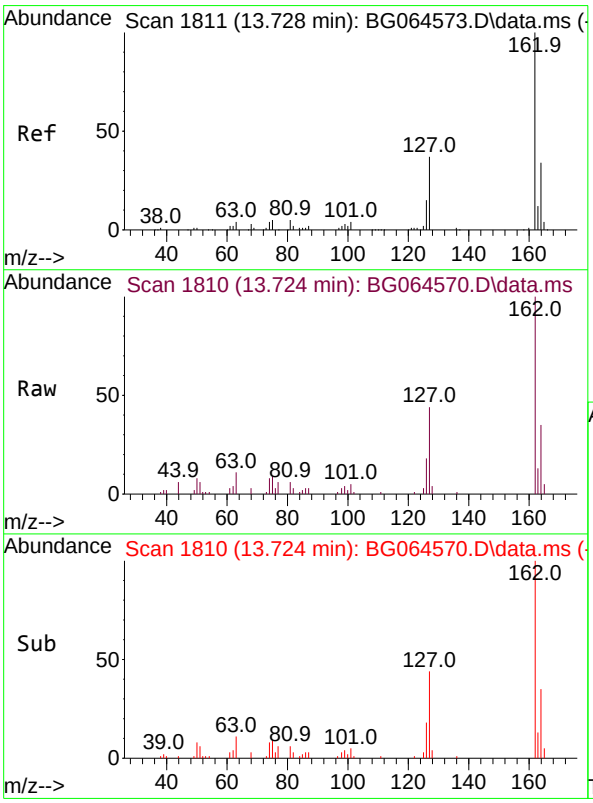
Ion	Ratio	Lower	Upper
154	100		
153	40.1	22.4	62.4
76	10.3	0.0	33.5



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

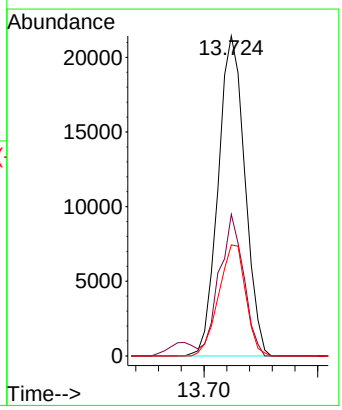
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

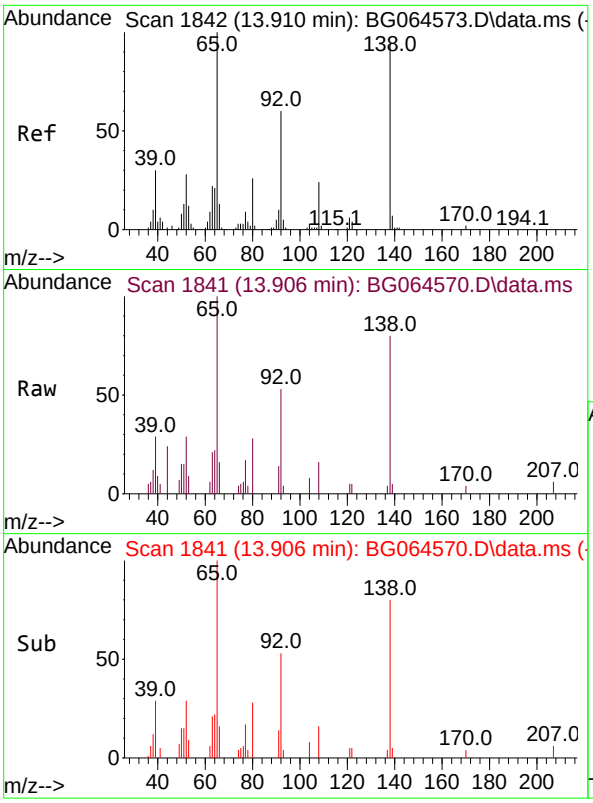


#47
2-Chloronaphthalene
Concen: 4.961 ng
RT: 13.724 min Scan# 1810
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:162 Resp: 34977

Ion	Ratio	Lower	Upper
162	100		
127	44.2	32.2	48.2
164	34.7	27.5	41.3

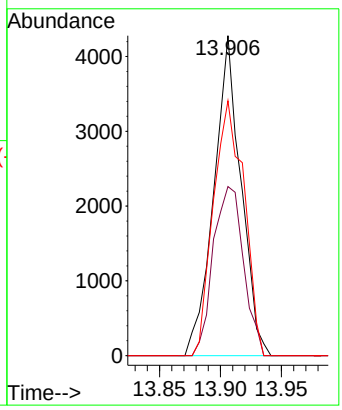




#48
2-Nitroaniline
Concen: 5.826 ng
RT: 13.906 min Scan# 18
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion: 65 Resp: 6601

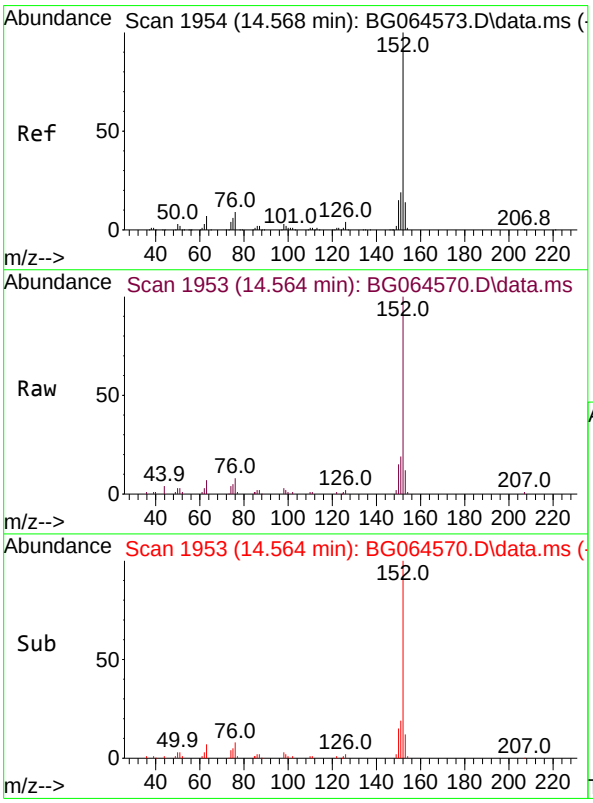
Ion	Ratio	Lower	Upper
65	100		
92	52.8	48.3	72.5
138	79.6	74.9	112.3



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

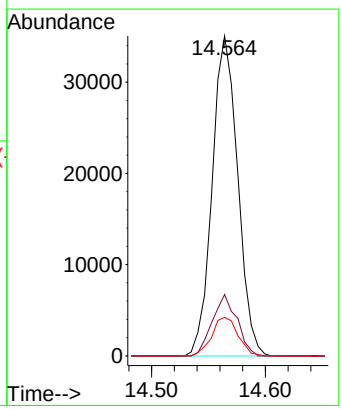
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

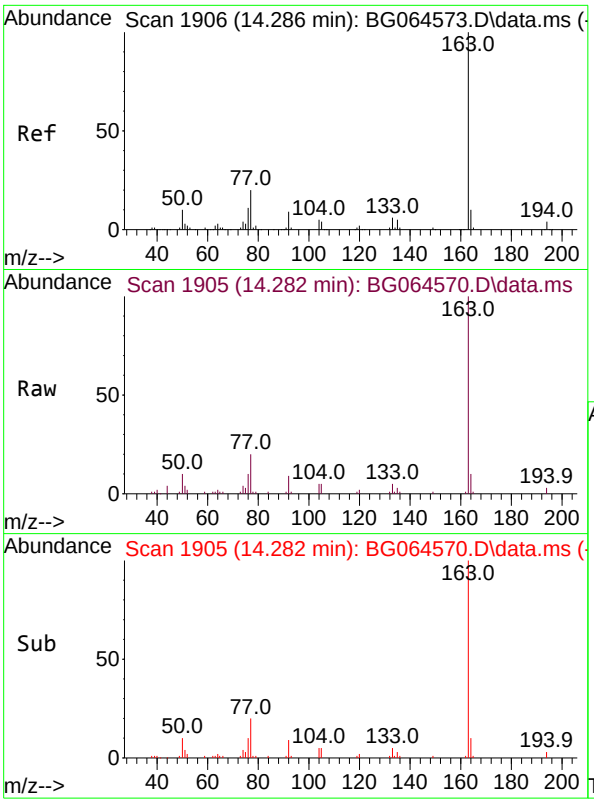


#49
Acenaphthylene
Concen: 4.923 ng
RT: 14.564 min Scan# 1953
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:152 Resp: 54748

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.2
153	12.0	11.0	16.4





#50
Dimethylphthalate
Concen: 4.540 ng
RT: 14.282 min Scan# 19
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

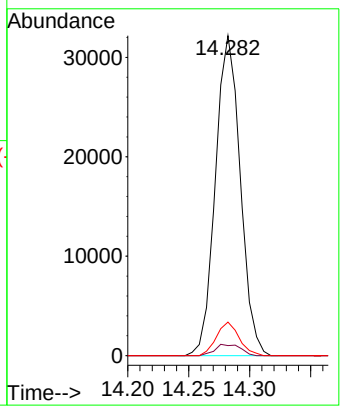
Tgt Ion:163 Resp: 4563

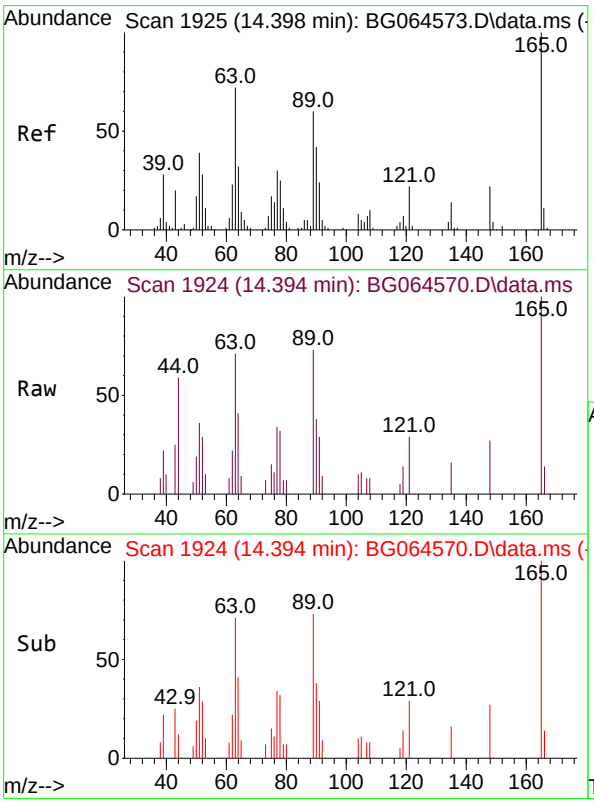
Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.8	4.2
164	10.5	7.7	11.5

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

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Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

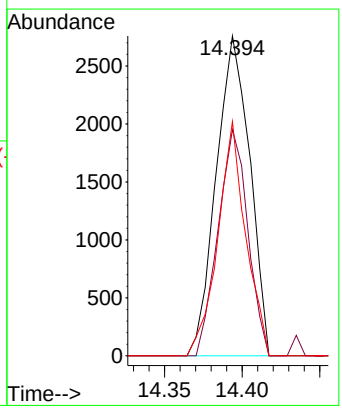


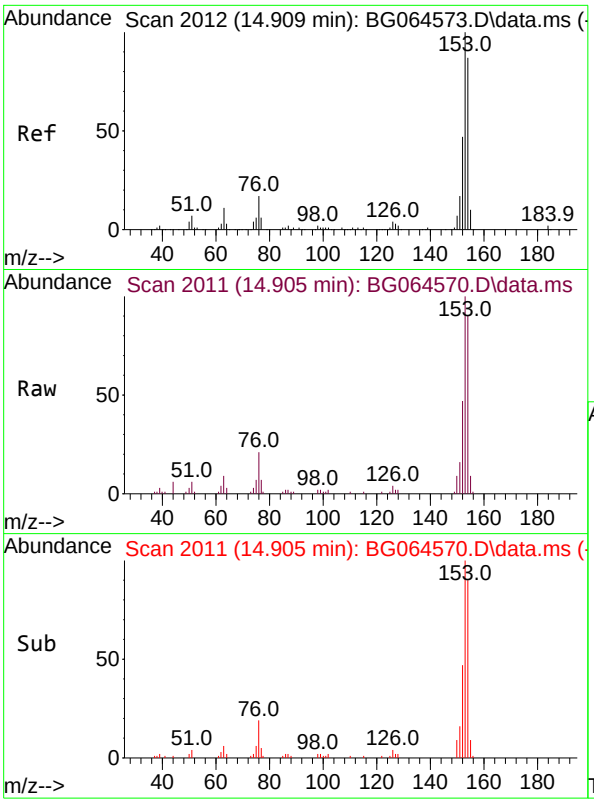


#51
2,6-Dinitrotoluene
Concen: 5.535 ng
RT: 14.394 min Scan# 1924
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:165 Resp: 4161

Ion	Ratio	Lower	Upper
165	100		
63	70.7	57.4	86.0
89	73.2	47.8	71.8#

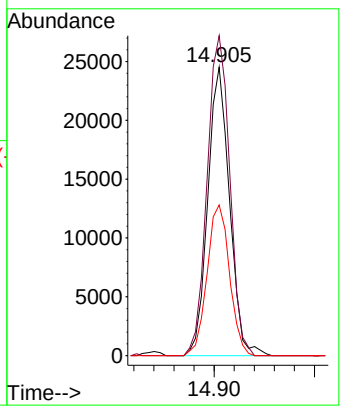




#52
Acenaphthene
Concen: 4.867 ng
RT: 14.905 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:154 Resp: 3698

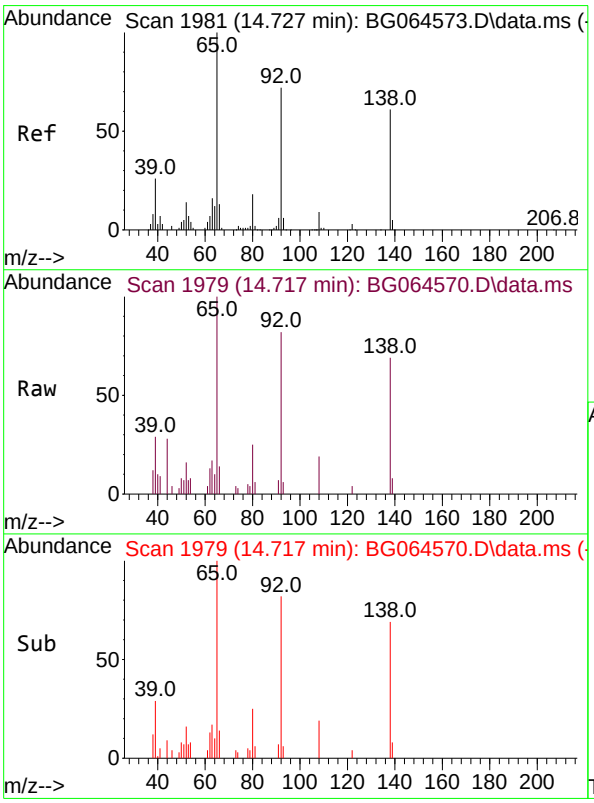
Ion	Ratio	Lower	Upper
154	100		
153	111.0	92.2	138.4
152	52.2	43.2	64.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations
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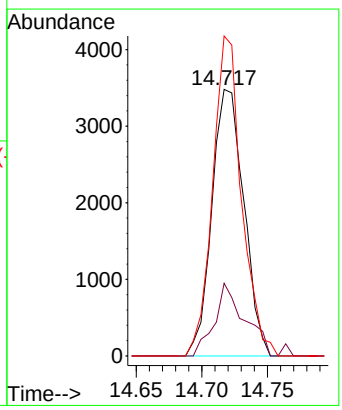
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

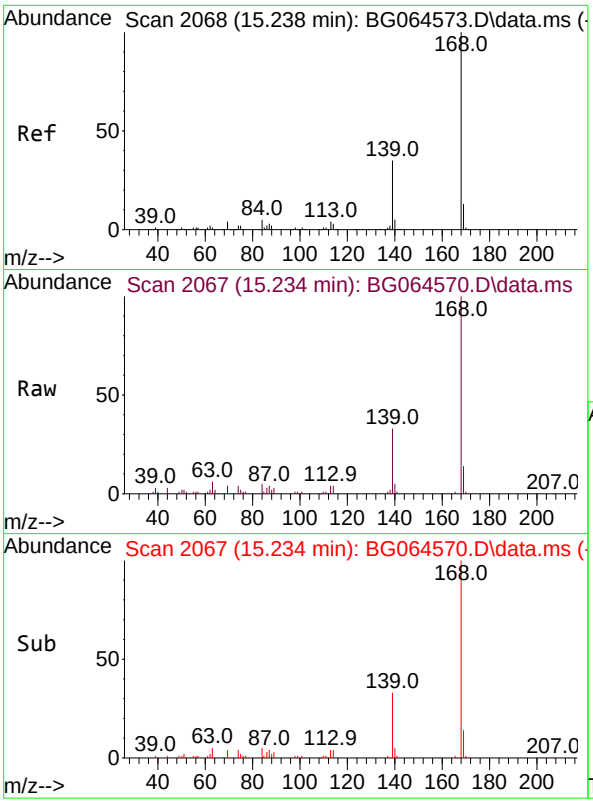


#53
3-Nitroaniline
Concen: 3.417 ng
RT: 14.717 min Scan# 1979
Delta R.T. -0.010 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:138 Resp: 5903

Ion	Ratio	Lower	Upper
138	100		
108	27.2	11.4	17.0#
92	120.0	95.3	142.9

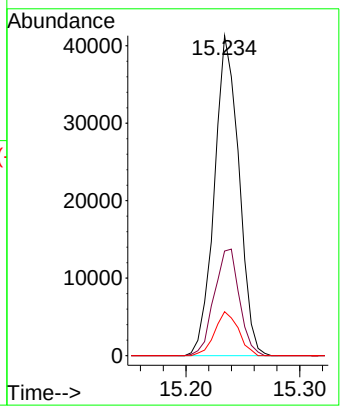




#55
Dibenzofuran
Concen: 5.029 ng
RT: 15.234 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:168 Resp: 6177

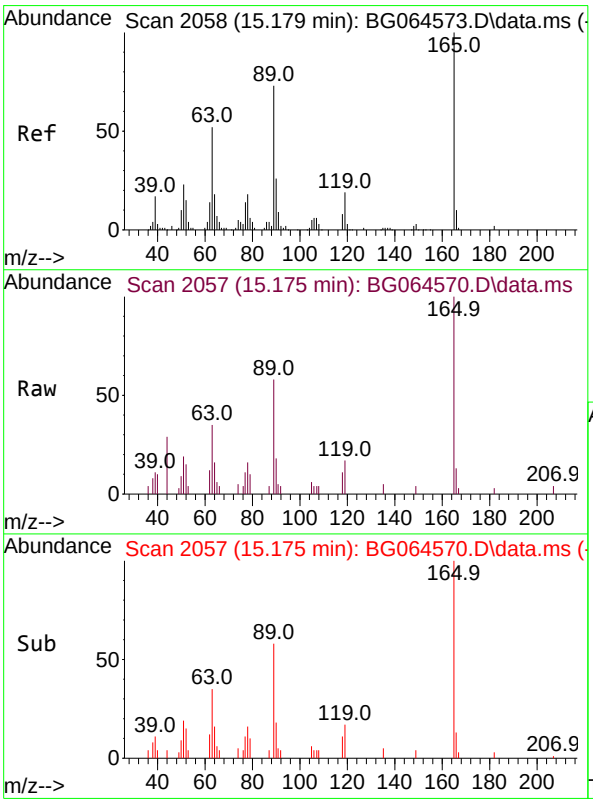
Ion	Ratio	Lower	Upper
168	100		
139	32.7	27.8	41.8
169	13.7	10.3	15.5



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations
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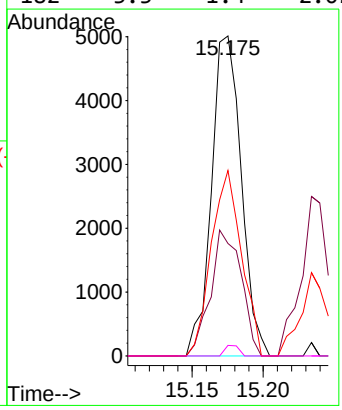
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

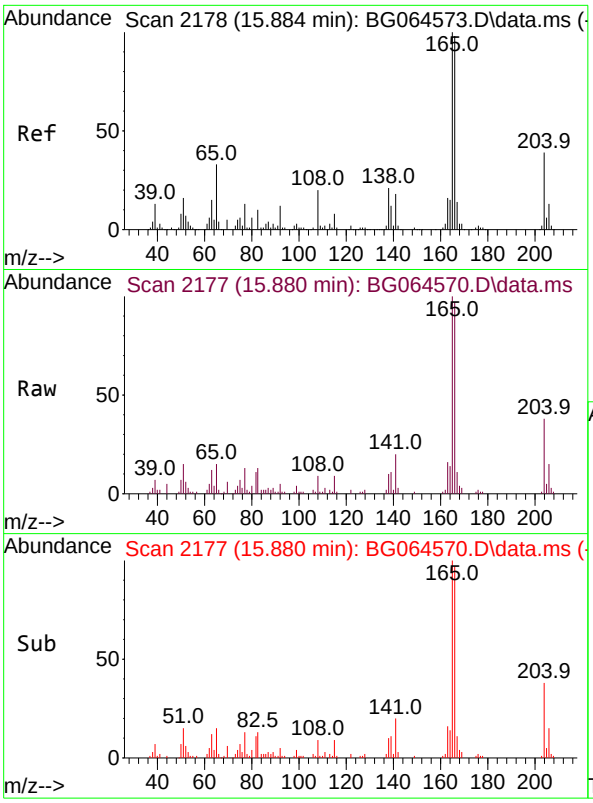


#57
2,4-Dinitrotoluene
Concen: 5.721 ng
RT: 15.175 min Scan# 2057
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:165 Resp: 7312

Ion	Ratio	Lower	Upper
165	100		
63	35.1	41.8	62.8#
89	57.9	58.1	87.1#
182	3.3	1.4	2.0#

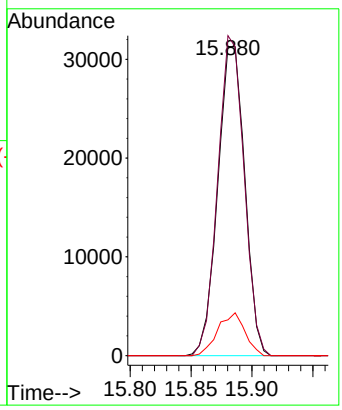




#58
Fluorene
Concen: 5.035 ng
RT: 15.880 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:166 Resp: 4830

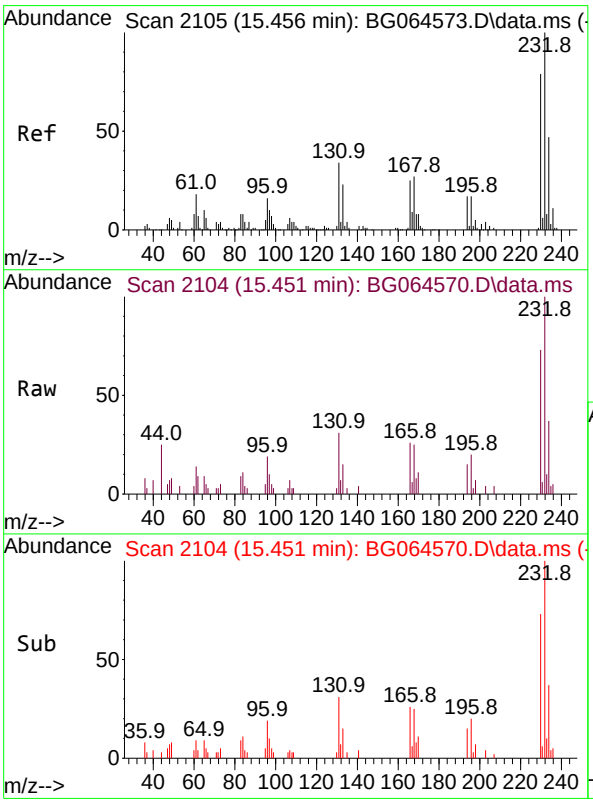
Ion	Ratio	Lower	Upper
166	100		
165	103.5	81.5	122.3
167	11.6	11.4	17.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

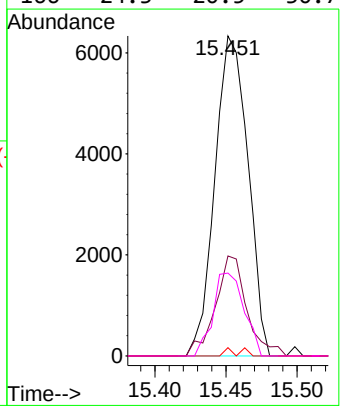
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

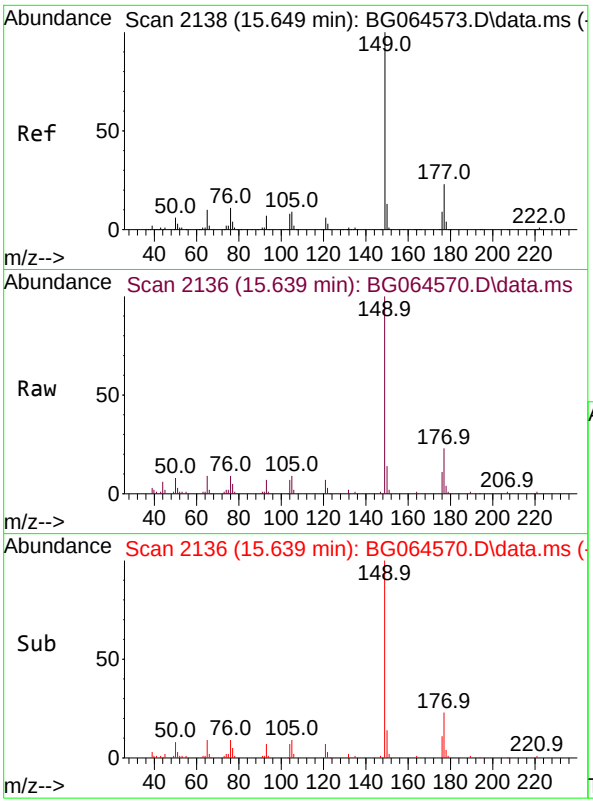


#59
2,3,4,6-Tetrachlorophenol
Concen: 3.679 ng
RT: 15.451 min Scan# 2104
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:232 Resp: 10241

Ion	Ratio	Lower	Upper
232	100		
131	29.7	26.7	40.1
130	1.1	1.6	2.4#
166	24.3	20.5	30.7

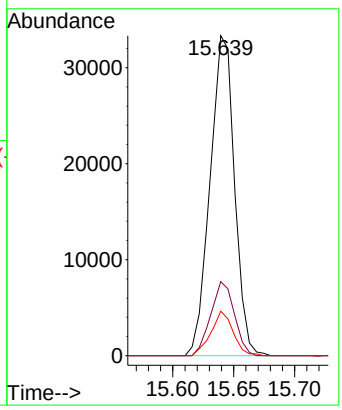




#60
Diethylphthalate
Concen: 4.533 ng
RT: 15.639 min Scan# 21
Delta R.T. -0.010 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:149 Resp: 4653

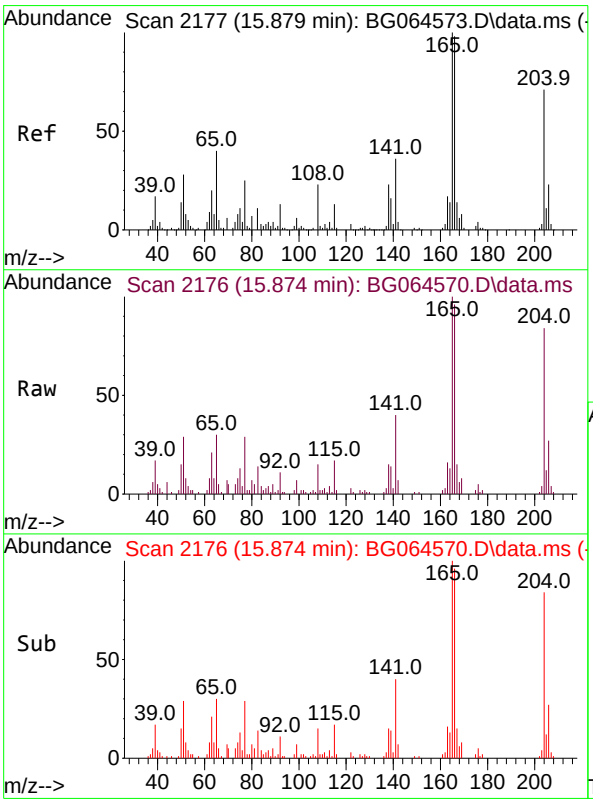
Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.0	27.0
150	13.9	10.2	15.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

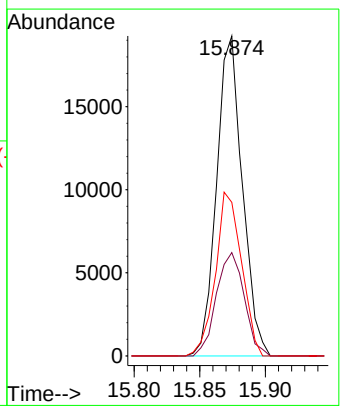
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

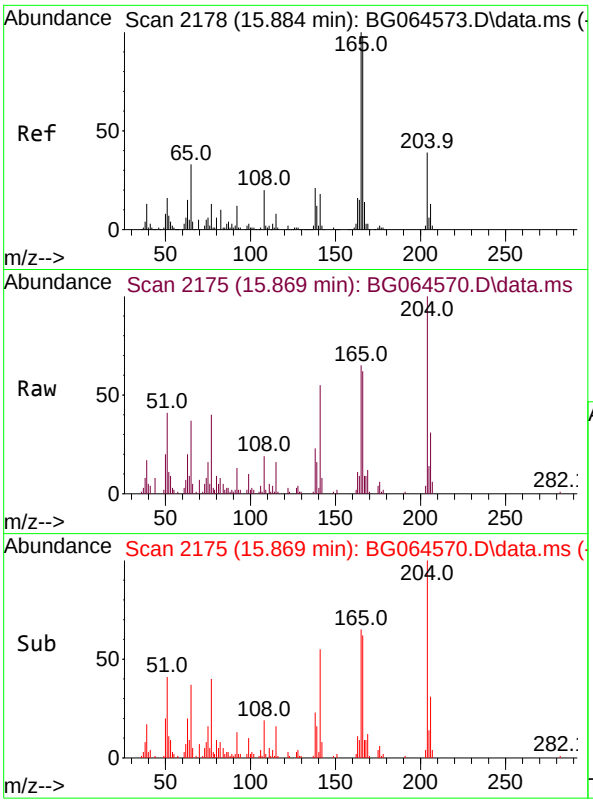


#61
4-Chlorophenyl-phenylether
Concen: 4.880 ng
RT: 15.874 min Scan# 2176
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:204 Resp: 26270

Ion	Ratio	Lower	Upper
204	100		
206	32.3	25.6	38.4
141	48.0	40.6	60.8

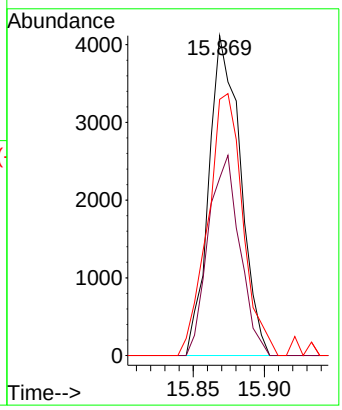




#62
4-Nitroaniline
Concen: 3.321 ng
RT: 15.869 min Scan# 2
Delta R.T. -0.016 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:138 Resp: 638

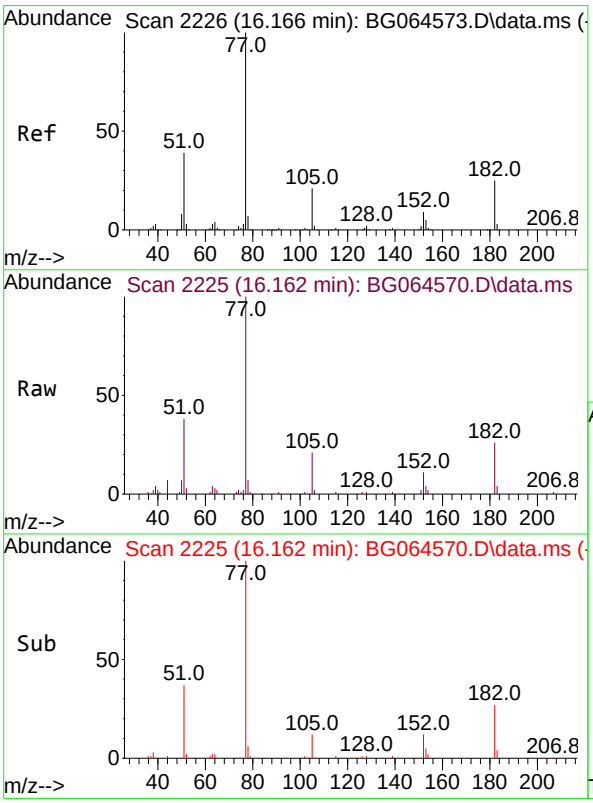
Ion	Ratio	Lower	Upper
138	100		
92	55.4	36.1	76.1
108	80.1	75.6	115.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

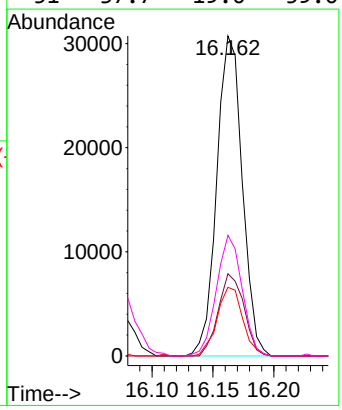
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

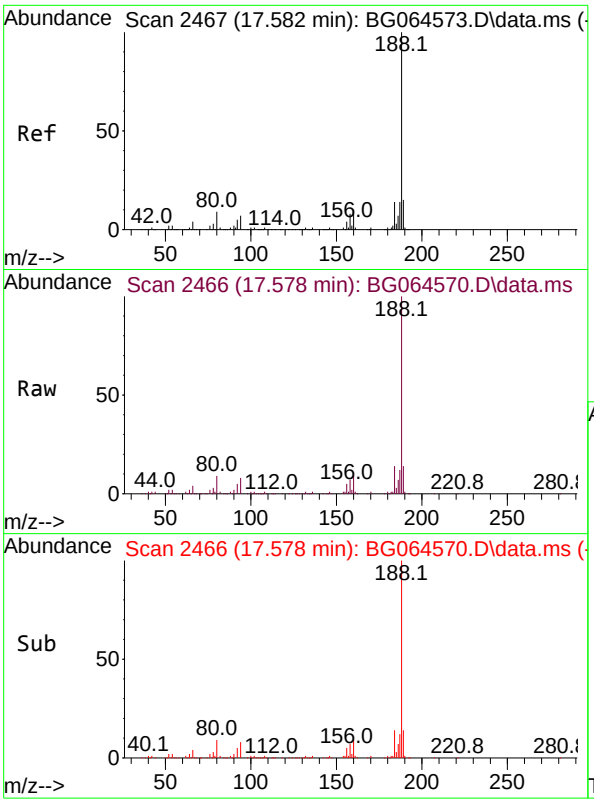


#63
Azobenzene
Concen: 4.749 ng
RT: 16.162 min Scan# 2225
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion: 77 Resp: 44729

Ion	Ratio	Lower	Upper
77	100		
182	25.7	4.9	44.9
105	21.4	1.3	41.3
51	37.7	19.0	59.0





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.578 min Scan# 24
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

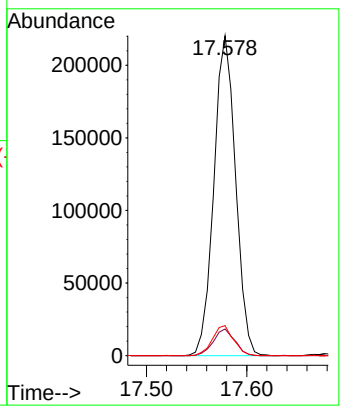
Tgt Ion:188 Resp: 331371

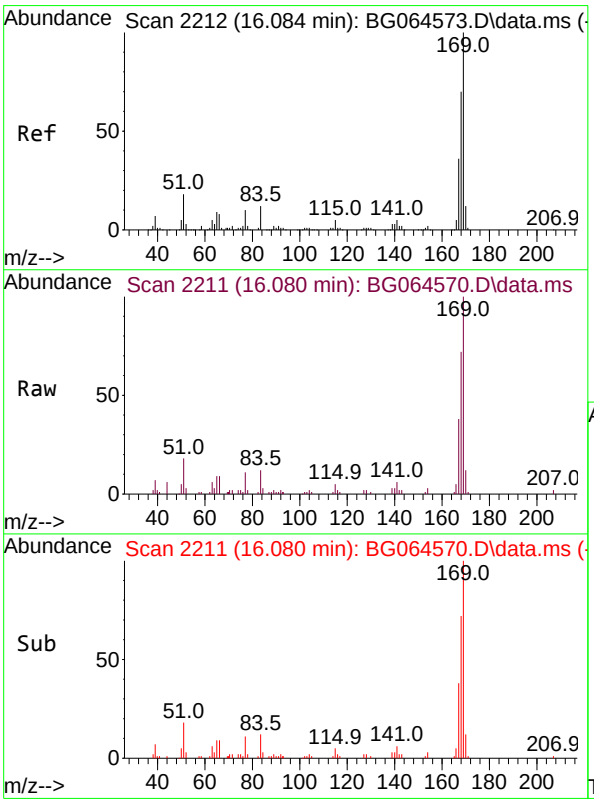
Ion	Ratio	Lower	Upper
188	100		
94	8.3	5.7	8.5
80	9.4	6.8	10.2

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

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Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

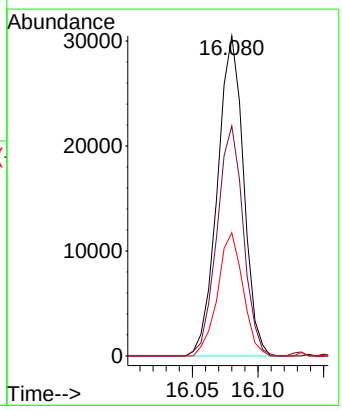


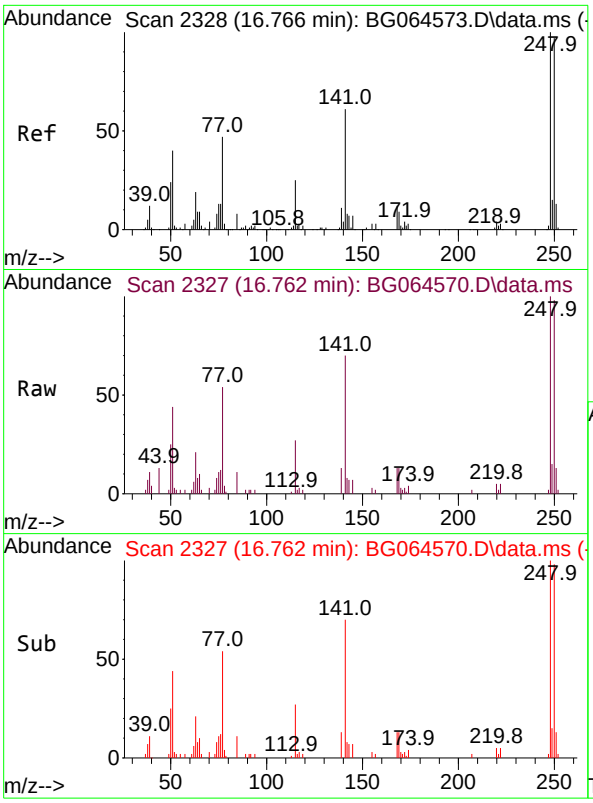


#66
n-Nitrosodiphenylamine
Concen: 4.725 ng
RT: 16.080 min Scan# 2211
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:169 Resp: 42291

Ion	Ratio	Lower	Upper
169	100		
168	71.9	56.3	84.5
167	38.5	29.0	43.6

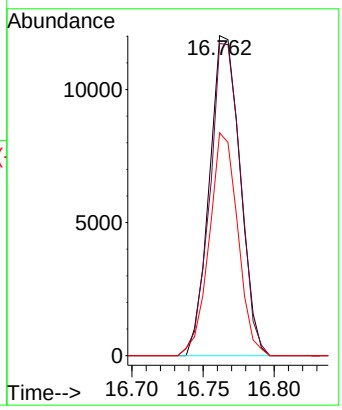




#67
4-Bromophenyl-phenylether
Concen: 4.600 ng
RT: 16.762 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:248 Resp: 1806

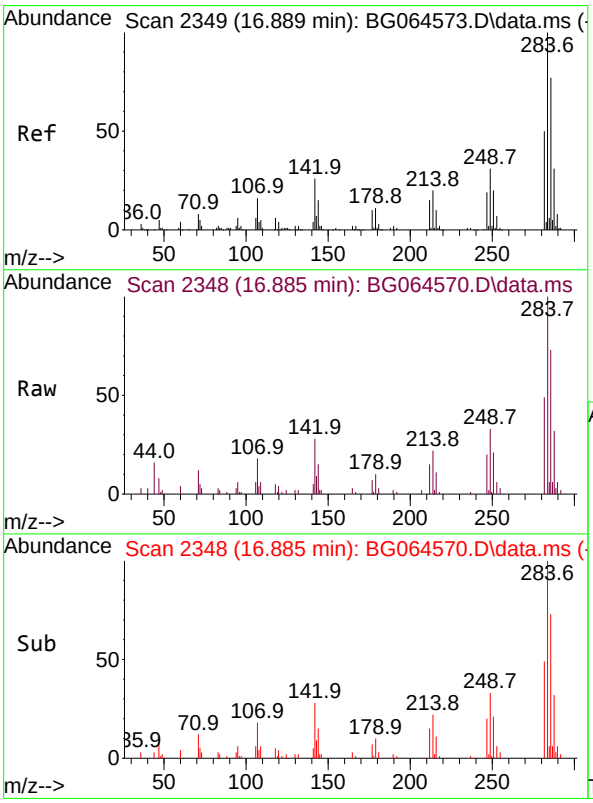
Ion	Ratio	Lower	Upper
248	100		
250	97.5	77.7	116.5
141	69.6	48.6	72.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

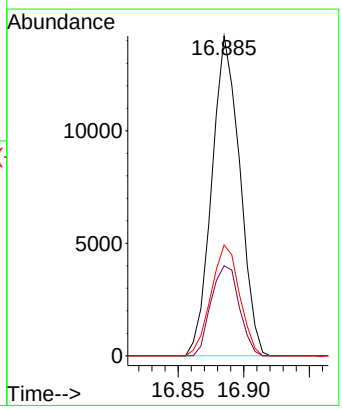
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

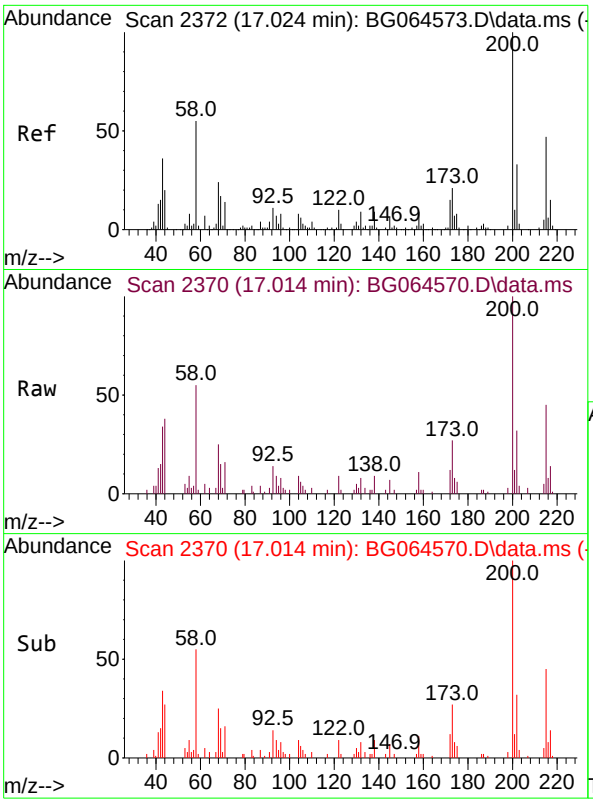


#68
Hexachlorobenzene
Concen: 4.705 ng
RT: 16.885 min Scan# 2348
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:284 Resp: 21076

Ion	Ratio	Lower	Upper
284	100		
142	28.2	21.0	31.6
249	34.7	24.9	37.3

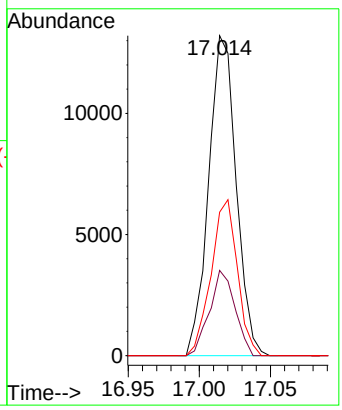




#69
Atrazine
Concen: 4.616 ng
RT: 17.014 min Scan# 2
Delta R.T. -0.010 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:200 Resp: 1778

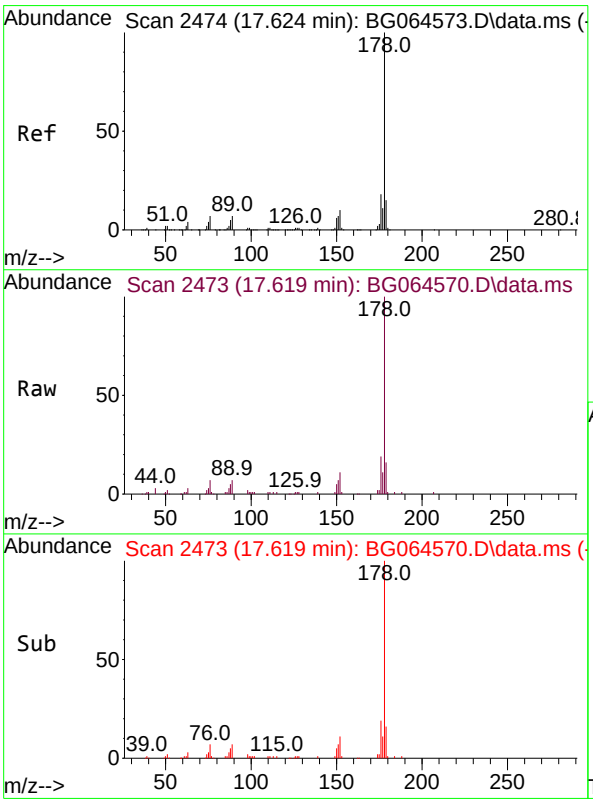
Ion	Ratio	Lower	Upper
200	100		
173	26.6	0.9	40.9
215	44.8	27.0	67.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

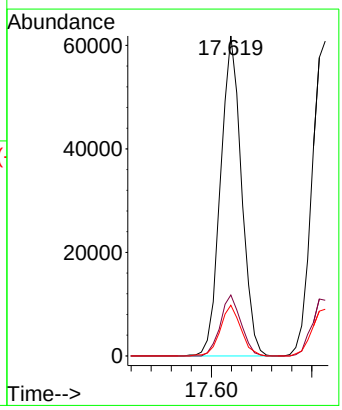
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

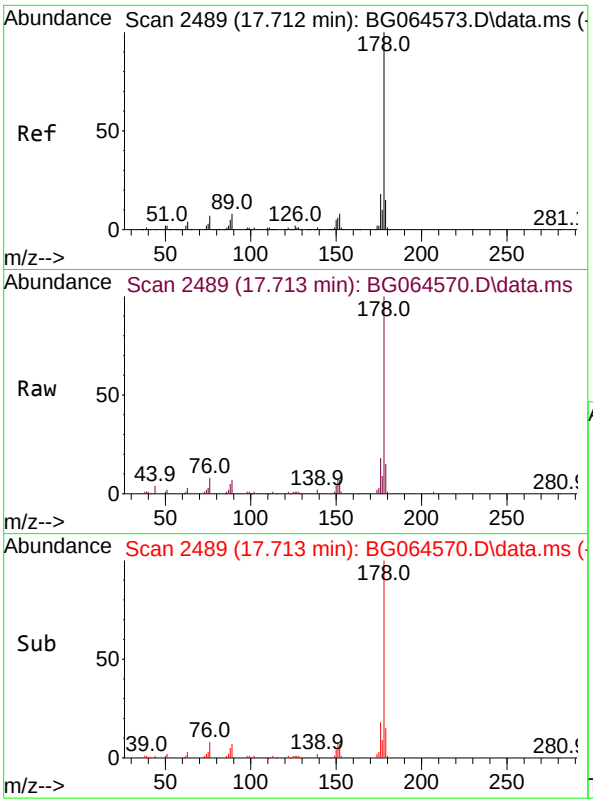


#71
Phenanthrene
Concen: 4.954 ng
RT: 17.619 min Scan# 2473
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:178 Resp: 89771

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.7	22.1
179	15.8	12.2	18.4

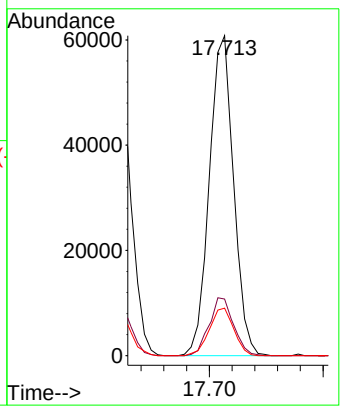




#72
Anthracene
Concen: 4.886 ng
RT: 17.713 min Scan# 24
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:178 Resp: 9006

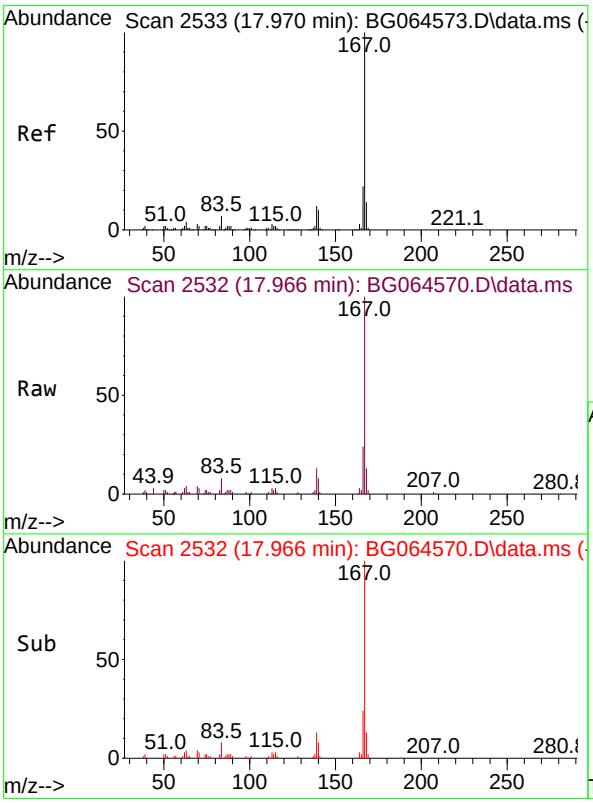
Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.4	21.6
179	14.8	12.4	18.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

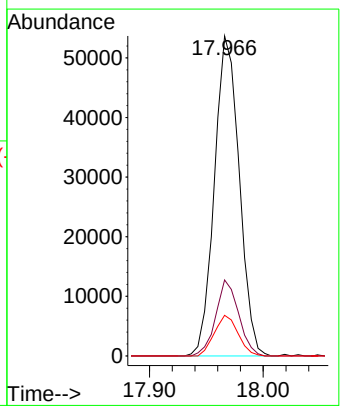
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

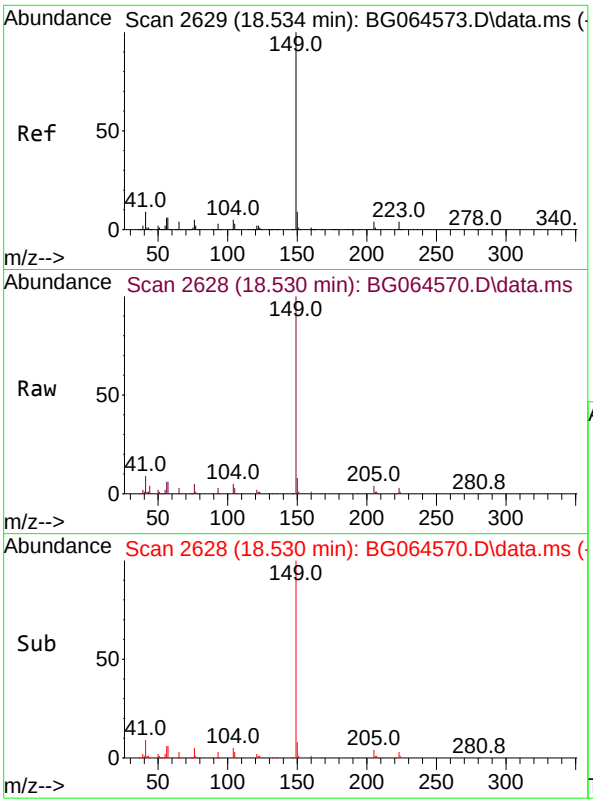


#73
Carbazole
Concen: 5.005 ng
RT: 17.966 min Scan# 2532
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:167 Resp: 81350

Ion	Ratio	Lower	Upper
167	100		
166	23.7	17.9	26.9
139	12.7	9.7	14.5

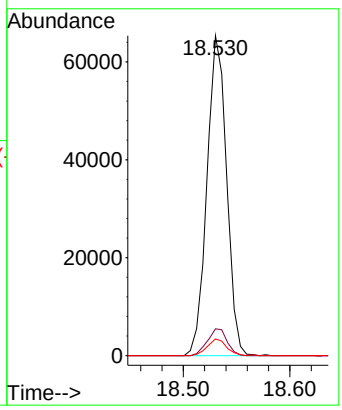




#74
Di-n-butylphthalate
Concen: 4.454 ng
RT: 18.530 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:149 Resp: 8371

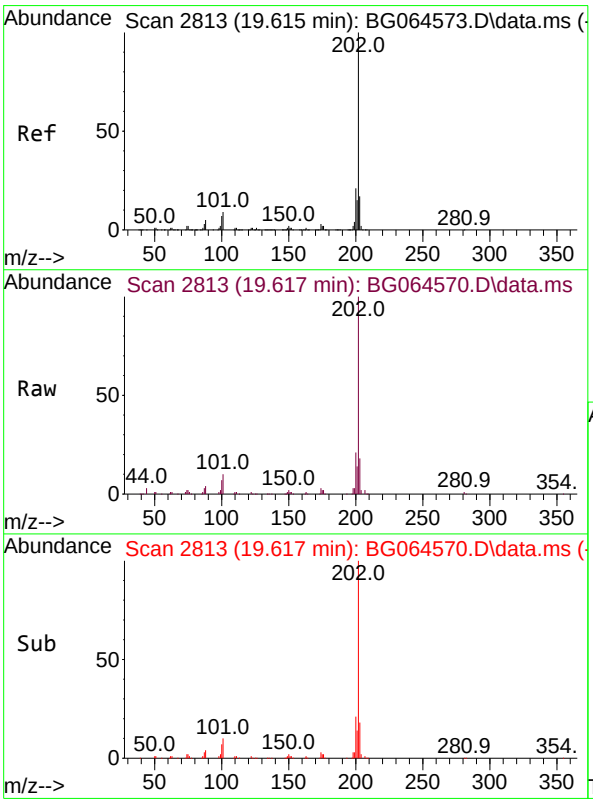
Ion	Ratio	Lower	Upper
149	100		
150	8.4	7.0	10.6
104	5.2	4.1	6.1



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations
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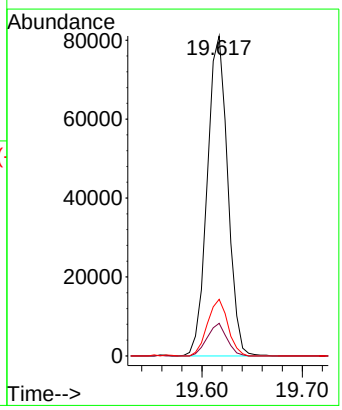
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

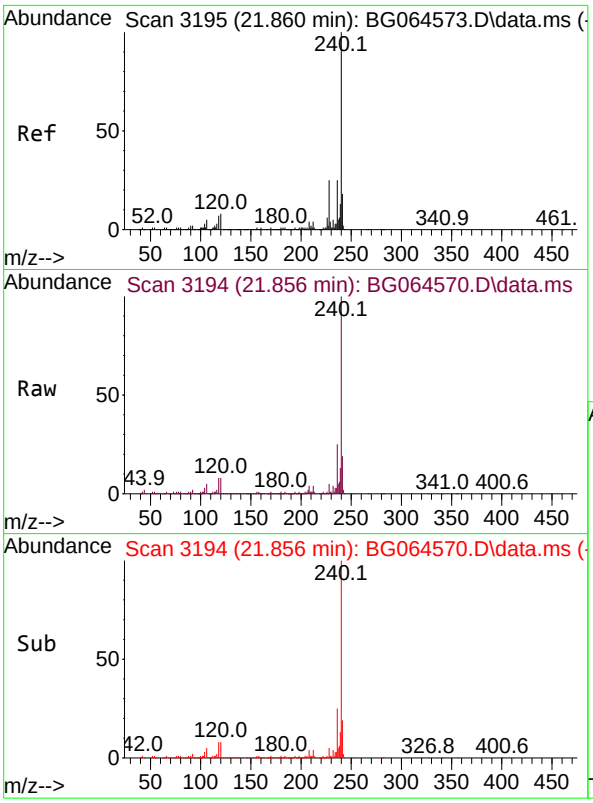


#75
Fluoranthene
Concen: 5.054 ng
RT: 19.617 min Scan# 2813
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:202 Resp: 114724

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	28.7
203	17.7	0.0	37.0

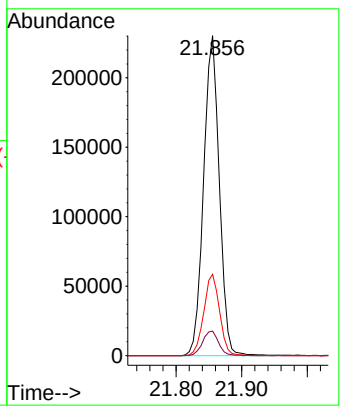




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.856 min Scan# 3
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:240 Resp: 38138

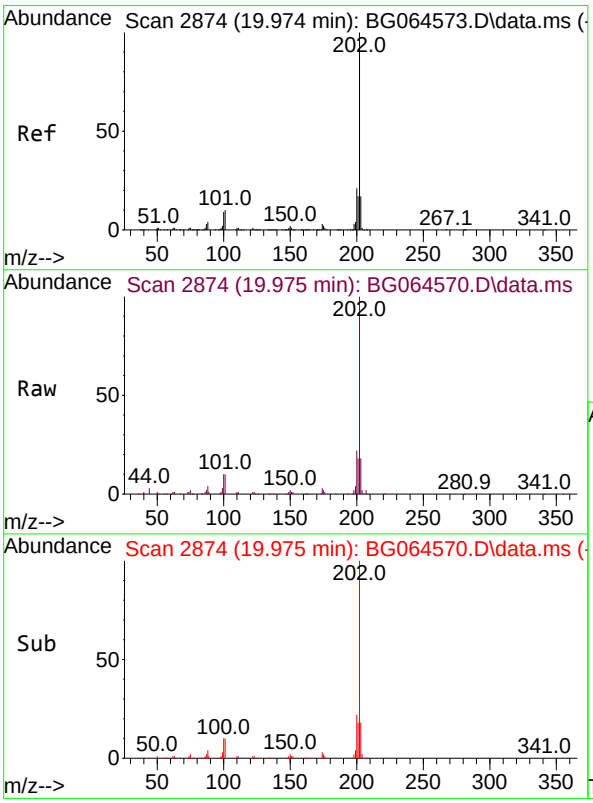
Ion	Ratio	Lower	Upper
240	100		
120	7.7	6.5	9.7
236	25.4	20.2	30.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

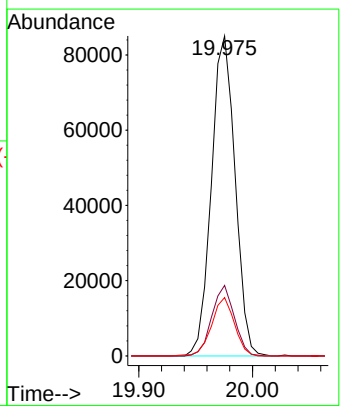
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

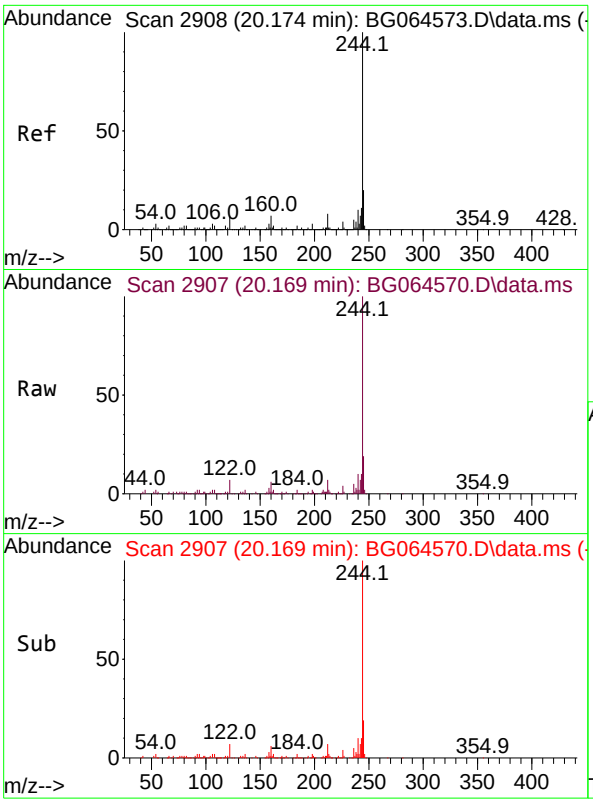


#78
Pyrene
Concen: 4.923 ng
RT: 19.975 min Scan# 2874
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:202 Resp: 122676

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.0	25.4
203	18.2	13.8	20.6





#79
Terphenyl-d14
Concen: 10.130 ng
RT: 20.169 min Scan# 29
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

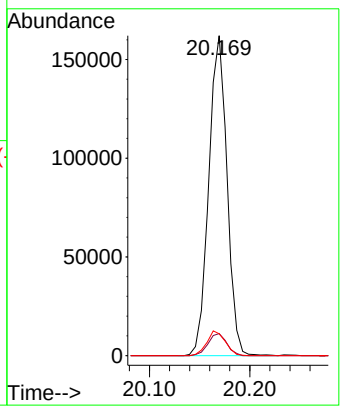
Tgt Ion:244 Resp: 204719

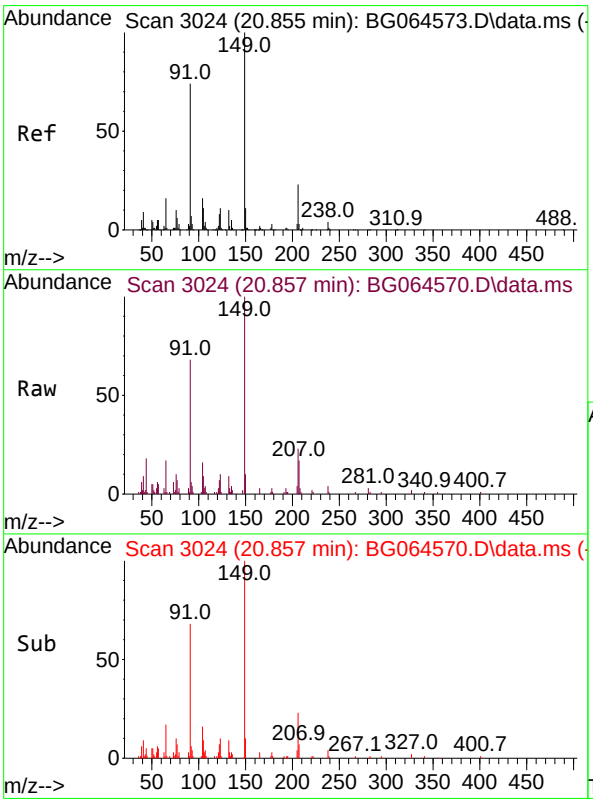
Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.1	9.1
122	6.8	5.6	8.4

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

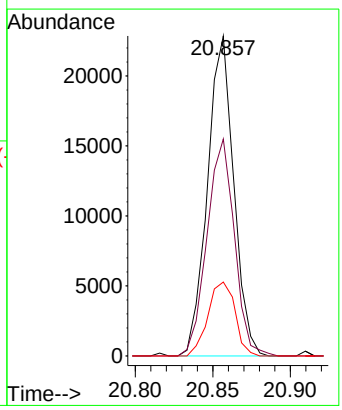


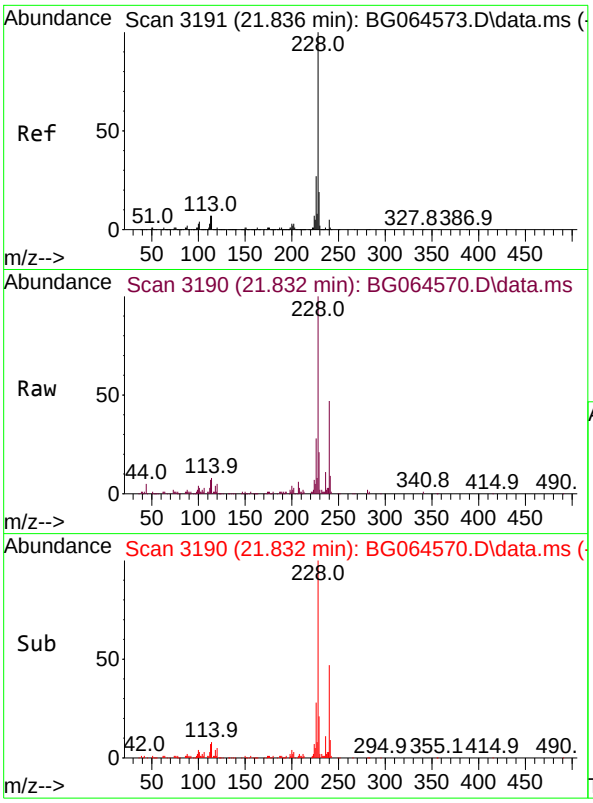


#80
Butylbenzylphthalate
Concen: 3.595 ng
RT: 20.857 min Scan# 3024
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:149 Resp: 27072

Ion	Ratio	Lower	Upper
149	100		
91	67.8	59.2	88.8
206	23.1	18.1	27.1

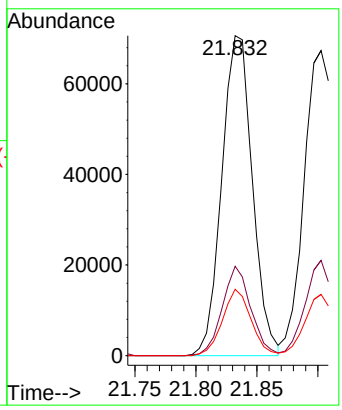




#81
Benzo(a)anthracene
Concen: 4.878 ng
RT: 21.832 min Scan# 3
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:228 Resp: 12334

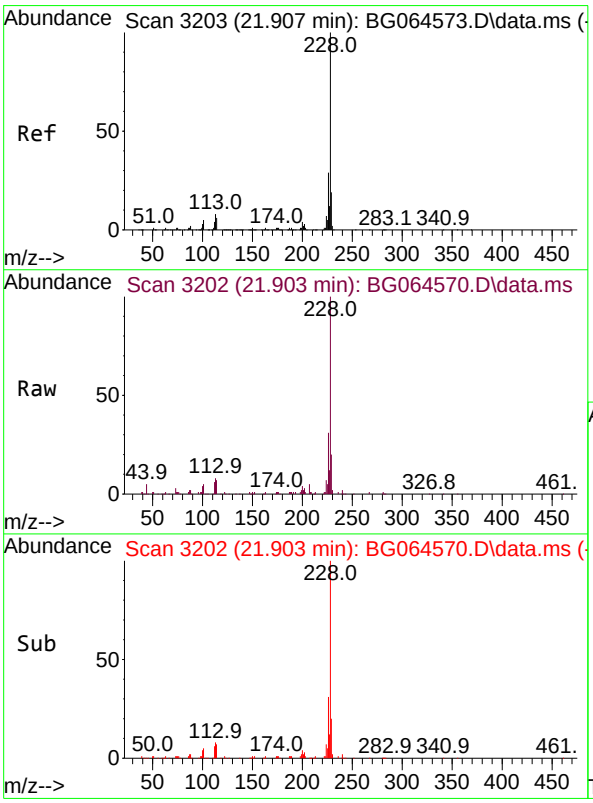
Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.9	32.9
229	20.7	15.6	23.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

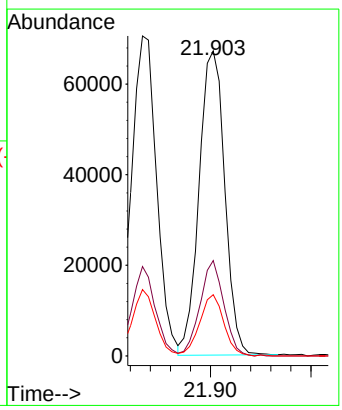
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

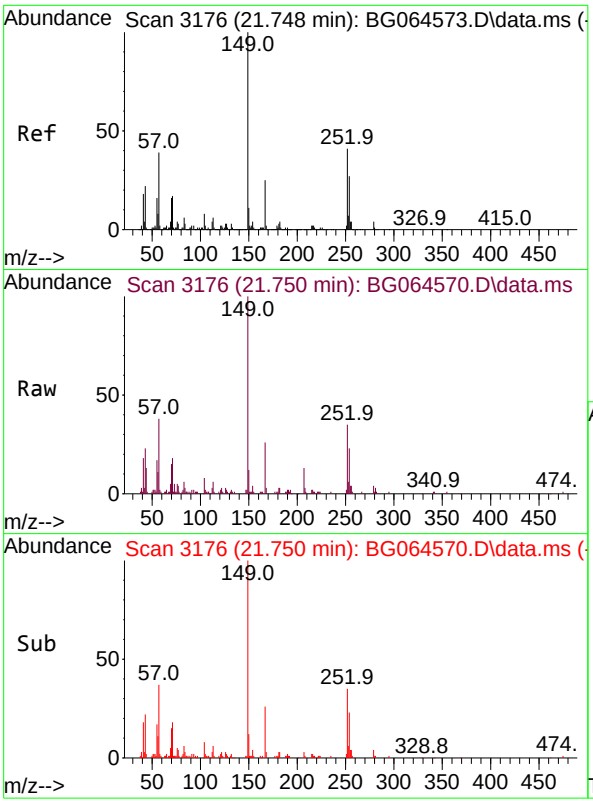


#83
Chrysene
Concen: 4.949 ng
RT: 21.903 min Scan# 3202
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:228 Resp: 119080

Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.3	34.9
229	20.1	15.2	22.8





#84
Bis(2-ethylhexyl)phthalate
Concen: 4.098 ng
RT: 21.750 min Scan# 3
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

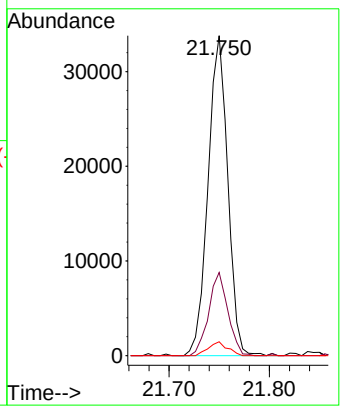
Tgt Ion:149 Resp: 4611

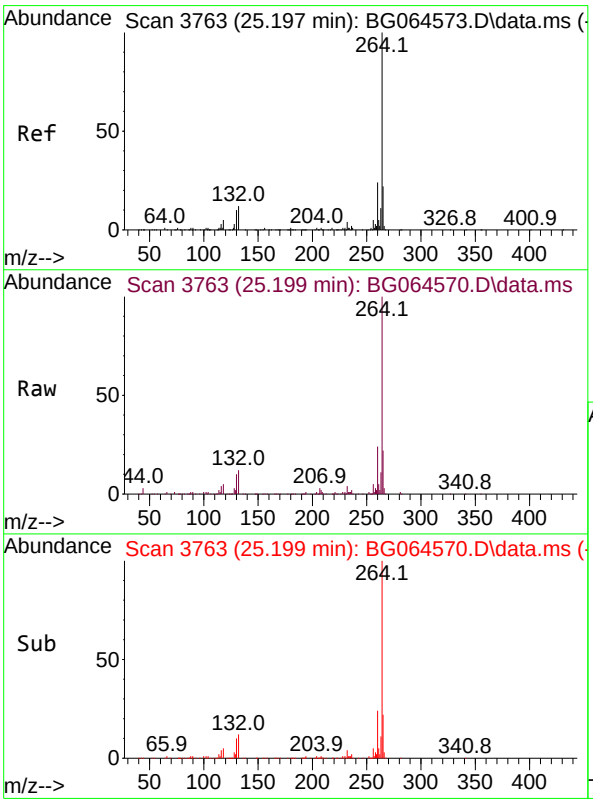
Ion	Ratio	Lower	Upper
149	100		
167	26.0	20.0	30.0
279	4.3	3.1	4.7

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations
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Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

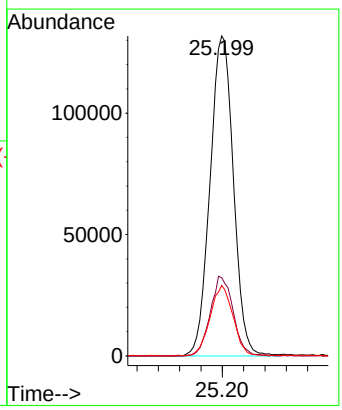


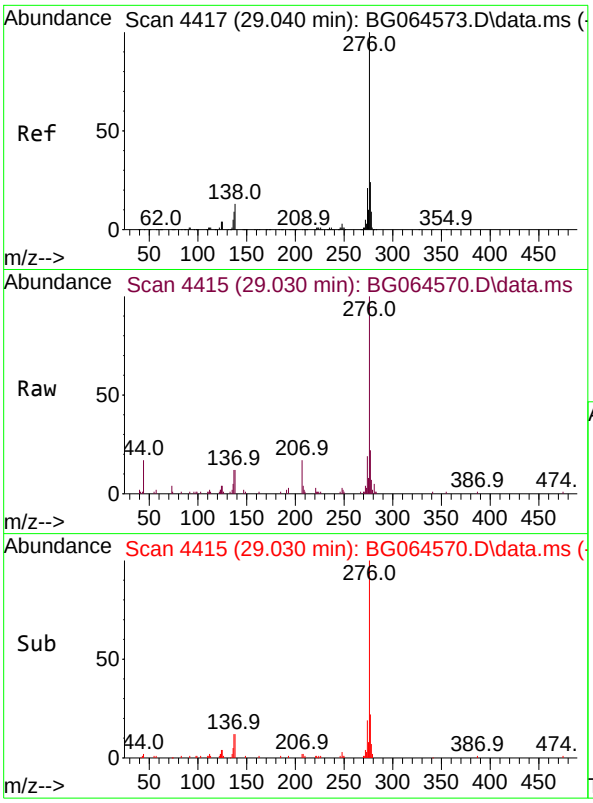


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.199 min Scan# 3763
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:264 Resp: 401350

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.0	28.4
265	22.1	17.6	26.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 4.700 ng
RT: 29.030 min Scan# 44
Delta R.T. -0.010 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

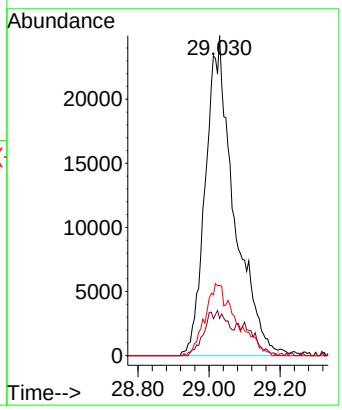
Tgt Ion:276 Resp: 13875

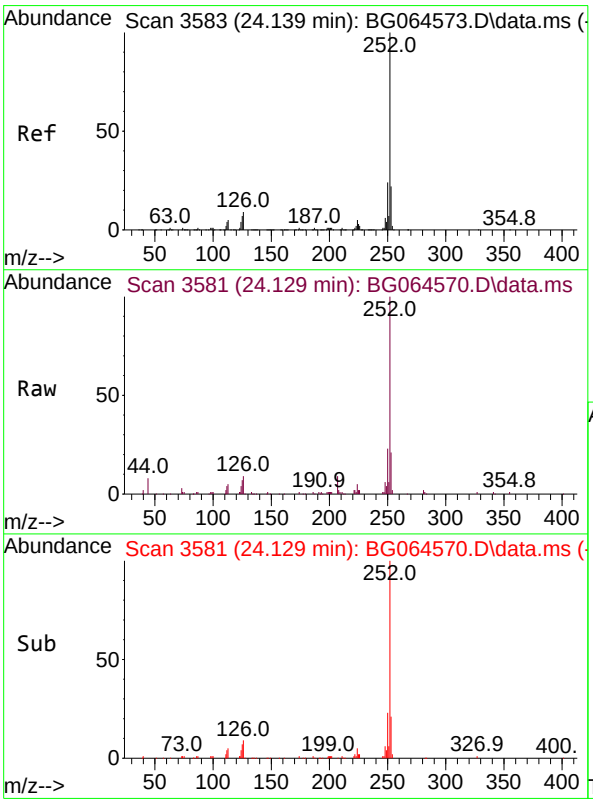
Ion	Ratio	Lower	Upper
276	100		
138	0.0	10.8	16.2
277	24.6	20.1	30.1

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

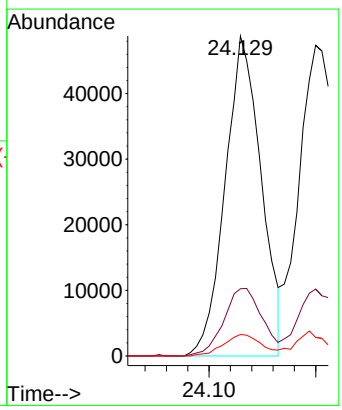


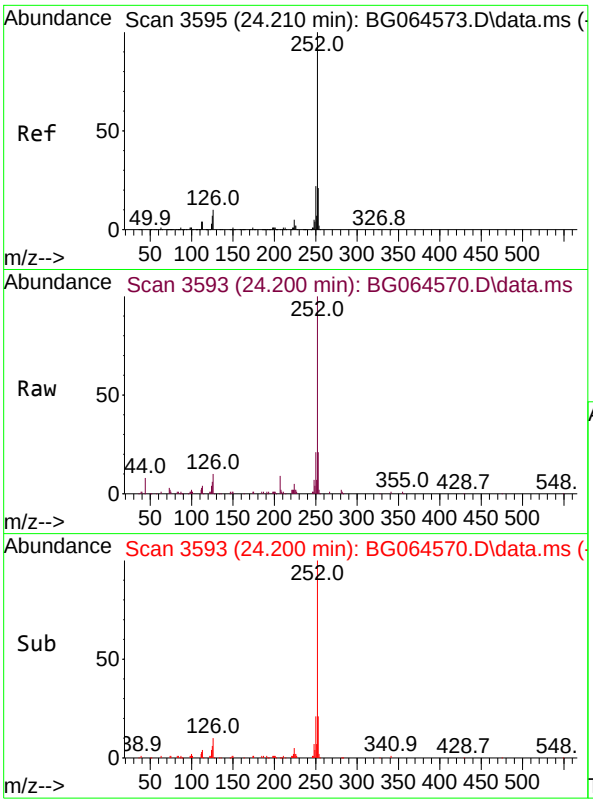


#88
Benzo(b)fluoranthene
Concen: 4.640 ng
RT: 24.129 min Scan# 3581
Delta R.T. -0.010 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:252 Resp: 114203

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.8	26.8
125	6.7	5.6	8.4

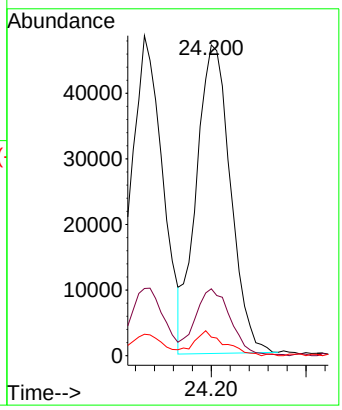




#89
Benzo(k)fluoranthene
Concen: 4.787 ng
RT: 24.200 min Scan# 3
Delta R.T. -0.010 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:252 Resp: 11789

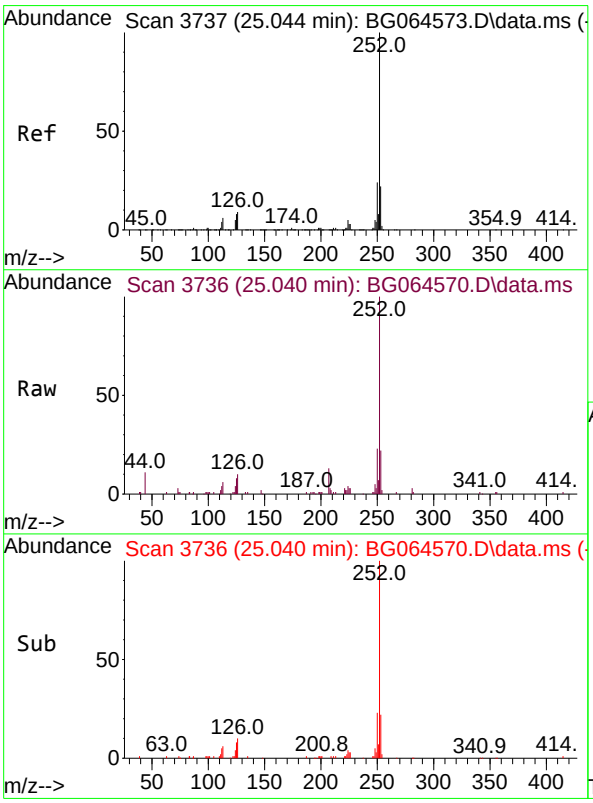
Ion	Ratio	Lower	Upper
252	100		
253	21.5	16.8	25.2
125	6.0	5.4	8.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

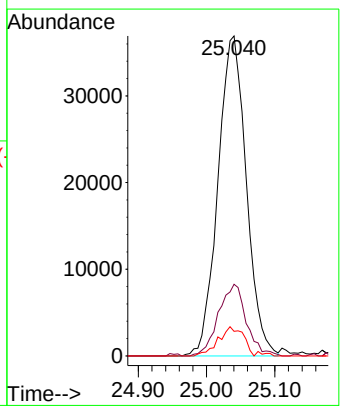
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

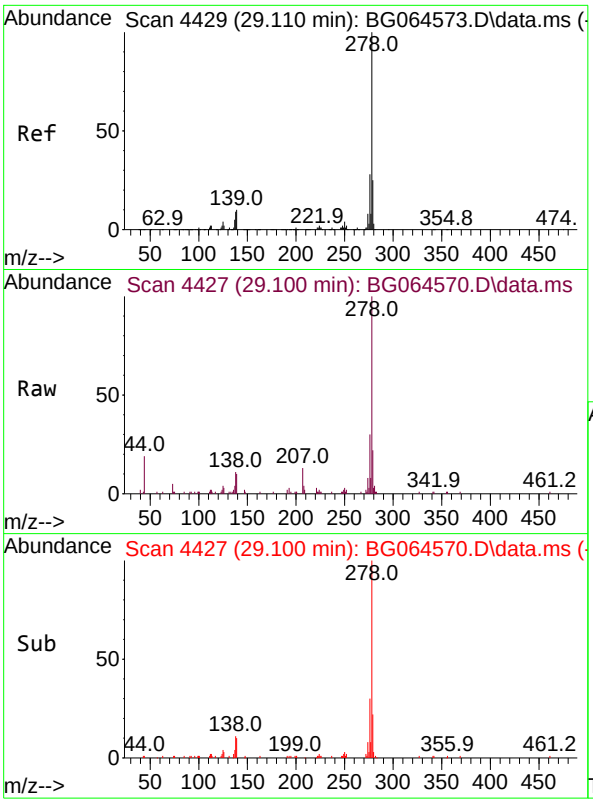


#90
Benzo(a)pyrene
Concen: 4.704 ng
RT: 25.040 min Scan# 3736
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:252 Resp: 106414

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	7.7	6.1	9.1

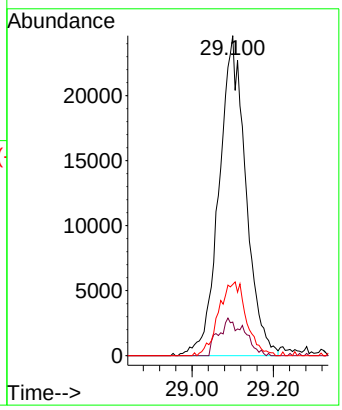




#91
Dibenzo(a,h)anthracene
Concen: 4.686 ng
RT: 29.100 min Scan# 44
Delta R.T. -0.010 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:278 Resp: 11239

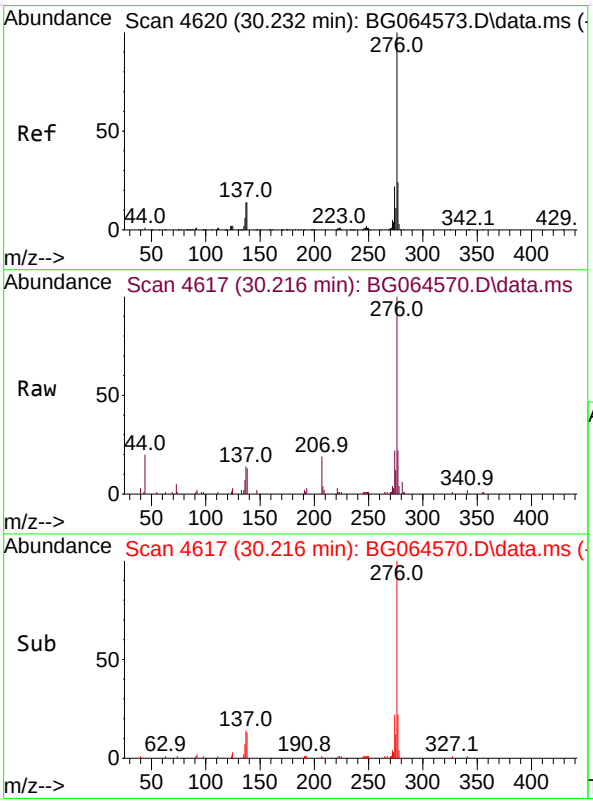
Ion	Ratio	Lower	Upper
278	100		
139	10.5	8.0	12.0
279	22.2	19.8	29.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

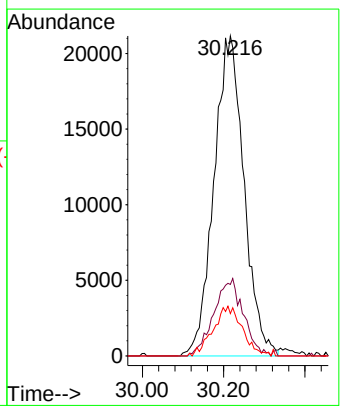
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#92
Benzo(g,h,i)perylene
Concen: 4.731 ng
RT: 30.216 min Scan# 4617
Delta R.T. -0.016 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:276 Resp: 108407

Ion	Ratio	Lower	Upper
276	100		
277	22.3	19.1	28.7
138	13.2	11.3	16.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064571.D
Acq On : 24 Oct 2025 11:02
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 03 17:59:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 17:56:56 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.218	152	36324	20.000	ng		0.00
21) Naphthalene-d8	11.044	136	151627	20.000	ng		0.00
39) Acenaphthene-d10	14.839	164	117618	20.000	ng		0.00
64) Phenanthrene-d10	17.577	188	300549	20.000	ng		0.00
76) Chrysene-d12	21.855	240	343958	20.000	ng		0.00
86) Perylene-d12	25.198	264	354939	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.750	112	43837	20.257	ng		0.00
7) Phenol-d6	7.348	99	60084	20.233	ng		0.00
23) Nitrobenzene-d5	9.381	82	43376	17.182	ng		0.00
42) 2,4,6-Tribromophenol	16.314	330	31236	18.400	ng		0.00
45) 2-Fluorobiphenyl	13.470	172	163340	21.050	ng		0.00
79) Terphenyl-d14	20.168	244	385094	21.129	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.588	88	10545	11.006	ng		97
3) Pyridine	3.999	79	29199	10.148	ng		95
4) n-Nitrosodimethylamine	3.905	42	16561	10.733	ng	#	92
6) Aniline	7.530	93	42134	10.427	ng		97
8) 2-Chlorophenol	7.777	128	21922	9.678	ng		96
9) Benzaldehyde	7.342	77	17117	10.558	ng		94
10) Phenol	7.372	94	33058	10.066	ng		87
11) bis(2-Chloroethyl)ether	7.618	93	25594	10.600	ng		91
12) 1,3-Dichlorobenzene	8.112	146	27537	10.562	ng		98
13) 1,4-Dichlorobenzene	8.253	146	28081	10.593	ng		91
14) 1,2-Dichlorobenzene	8.576	146	27577	10.785	ng		96
15) Benzyl Alcohol	8.447	79	23263	9.500	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.741	45	65452	10.334	ng		97
17) 2-Methylphenol	8.647	107	22254	10.206	ng		97
18) Hexachloroethane	9.322	117	9723	10.452	ng		93
19) n-Nitroso-di-n-propyla...	9.017	70	20724	10.098	ng	#	98
20) 3+4-Methylphenols	8.970	107	30009	9.786	ng		95
22) Acetophenone	9.040	105	42851	10.338	ng	#	93
24) Nitrobenzene	9.422	77	23618	8.602	ng		98
25) Isophorone	9.951	82	60347	9.962	ng		98
26) 2-Nitrophenol	10.139	139	7208	9.491	ng	#	91
27) 2,4-Dimethylphenol	10.192	122	22259	9.879	ng		96
28) bis(2-Chloroethoxy)met...	10.433	93	35170	10.197	ng		98
29) 2,4-Dichlorophenol	10.680	162	22643	9.338	ng		94
30) 1,2,4-Trichlorobenzene	10.903	180	27947	10.143	ng		93
31) Naphthalene	11.097	128	86750	10.319	ng		99
32) Benzoic acid	10.245	122	10748m	10.637	ng		
33) 4-Chloroaniline	11.185	127	34581	10.583	ng		97
34) Hexachlorobutadiene	11.390	225	22099	10.256	ng		95
35) Caprolactam	11.931	113	8521	9.162	ng		92
36) 4-Chloro-3-methylphenol	12.289	107	28904	9.916	ng		98
37) 2-Methylnaphthalene	12.689	142	65070	10.543	ng		95
38) 1-Methylnaphthalene	12.906	142	64384	10.540	ng		95
40) 1,2,4,5-Tetrachloroben...	13.053	216	40253	10.197	ng		98
41) Hexachlorocyclopentadiene	13.036	237	15733	8.855	ng		97
43) 2,4,6-Trichlorophenol	13.276	196	19584	8.673	ng		91

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064571.D
Acq On : 24 Oct 2025 11:02
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 03 17:59:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 17:56:56 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.341	196	24973	9.584	ng		94
46) 1,1'-Biphenyl	13.682	154	85287	10.200	ng		96
47) 2-Chloronaphthalene	13.723	162	63631	10.081	ng		98
48) 2-Nitroaniline	13.905	65	13764	9.284	ng		91
49) Acenaphthylene	14.563	152	101526	10.198	ng		100
50) Dimethylphthalate	14.281	163	92308	10.256	ng		96
51) 2,6-Dinitrotoluene	14.393	165	10601	9.857	ng		87
52) Acenaphthene	14.904	154	69273	10.184	ng		97
53) 3-Nitroaniline	14.722	138	12414	8.026	ng	#	92
54) 2,4-Dinitrophenol	14.922	184	5082	10.760	ng	#	1
55) Dibenzofuran	15.239	168	115990	10.548	ng		97
56) 4-Nitrophenol	15.010	139	11207	7.815	ng		86
57) 2,4-Dinitrotoluene	15.174	165	15797	9.494	ng	#	94
58) Fluorene	15.879	166	91712	10.679	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.450	232	22645	9.088	ng	#	99
60) Diethylphthalate	15.644	149	96719	10.525	ng		98
61) 4-Chlorophenyl-phenyle...	15.873	204	50818	10.544	ng		97
62) 4-Nitroaniline	15.873	138	14819	8.612	ng		95
63) Azobenzene	16.161	77	88441	10.489	ng		97
65) 4,6-Dinitro-2-methylph...	15.938	198	8190	10.919	ng		86
66) n-Nitrosodiphenylamine	16.079	169	82787	10.197	ng		99
67) 4-Bromophenyl-phenylether	16.767	248	35433	9.949	ng		96
68) Hexachlorobenzene	16.884	284	39975	9.838	ng		94
69) Atrazine	17.019	200	34185	9.785	ng		99
70) Pentachlorophenol	17.225	266	19859	7.838	ng		96
71) Phenanthrene	17.618	178	170294	10.361	ng		99
72) Anthracene	17.712	178	171860	10.279	ng		98
73) Carbazole	17.965	167	155907	10.575	ng		99
74) Di-n-butylphthalate	18.529	149	173716	10.189	ng		99
75) Fluoranthene	19.616	202	219838	10.677	ng		98
77) Benzidine	19.781	184	67427	8.750	ng		99
78) Pyrene	19.975	202	228905	10.186	ng		99
80) Butylbenzylphthalate	20.850	149	61669	9.080	ng		94
81) Benzo(a)anthracene	21.831	228	233051	10.219	ng		99
82) 3,3'-Dichlorobenzidine	21.737	252	71951	9.448	ng		94
83) Chrysene	21.902	228	222018	10.231	ng		97
84) Bis(2-ethylhexyl)phtha...	21.749	149	95500	9.410	ng	#	99
85) Di-n-octyl phthalate	23.012	149	149877	8.759	ng		99
87) Indeno(1,2,3-cd)pyrene	29.023	276	264547	10.132	ng		93
88) Benzo(b)fluoranthene	24.128	252	221197	10.163	ng		98
89) Benzo(k)fluoranthene	24.199	252	223674	10.270	ng		98
90) Benzo(a)pyrene	25.033	252	202985	10.146	ng		98
91) Dibenzo(a,h)anthracene	29.099	278	217114	10.235	ng		99
92) Benzo(g,h,i)perylene	30.210	276	206153	10.173	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

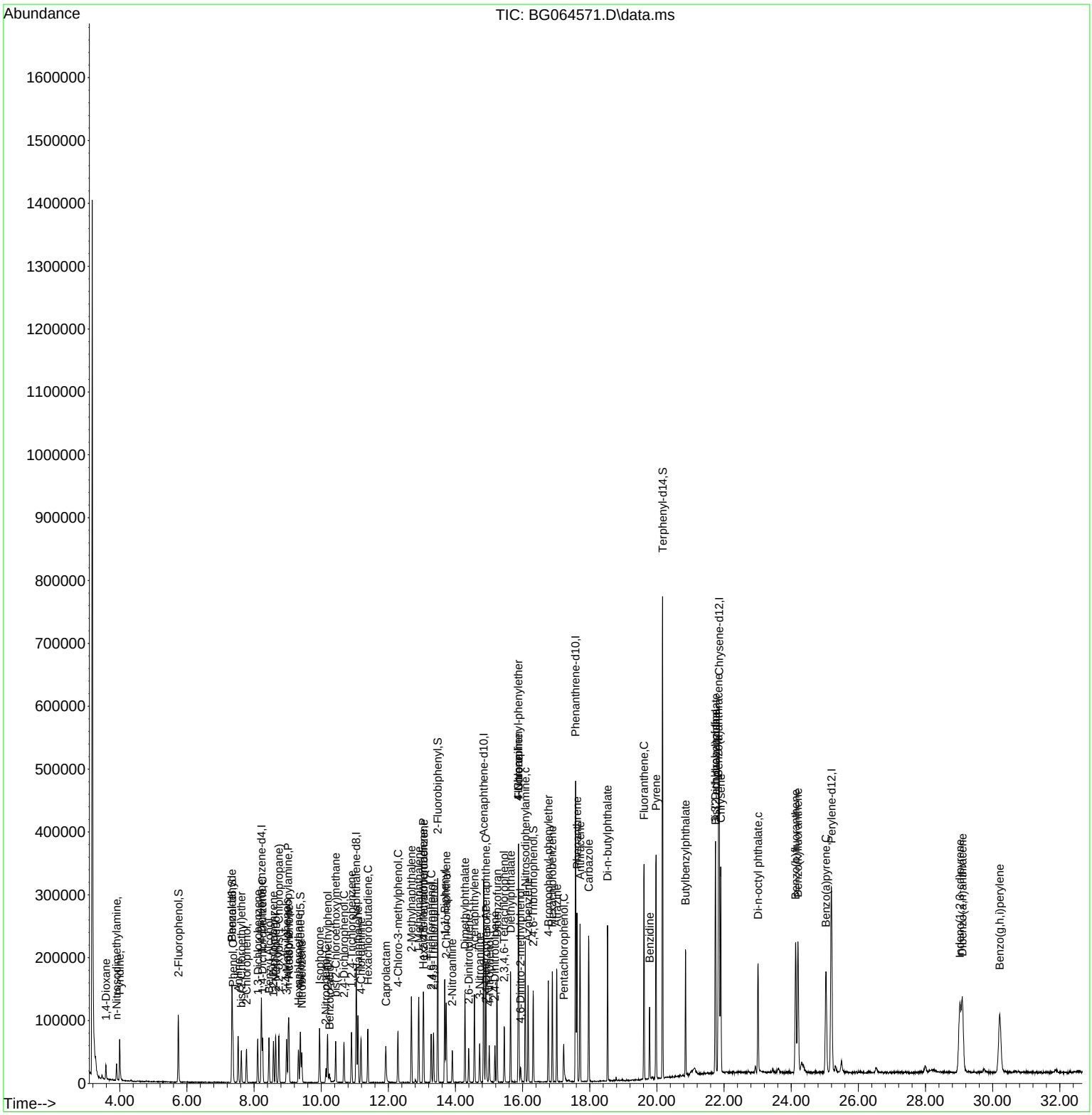
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064571.D
Acq On : 24 Oct 2025 11:02
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

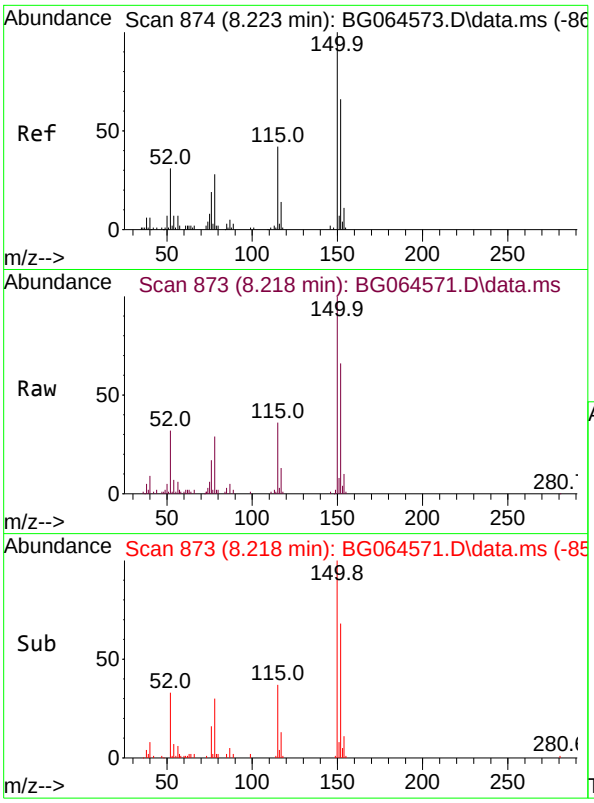
Quant Time: Nov 03 17:59:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 17:56:56 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

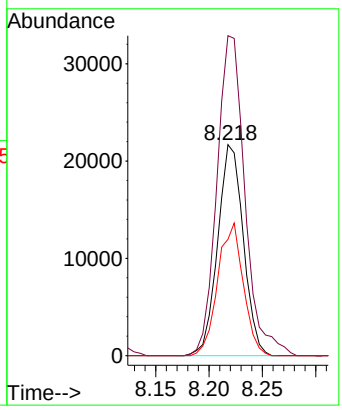




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.218 min Scan# 8
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:152 Resp: 3632

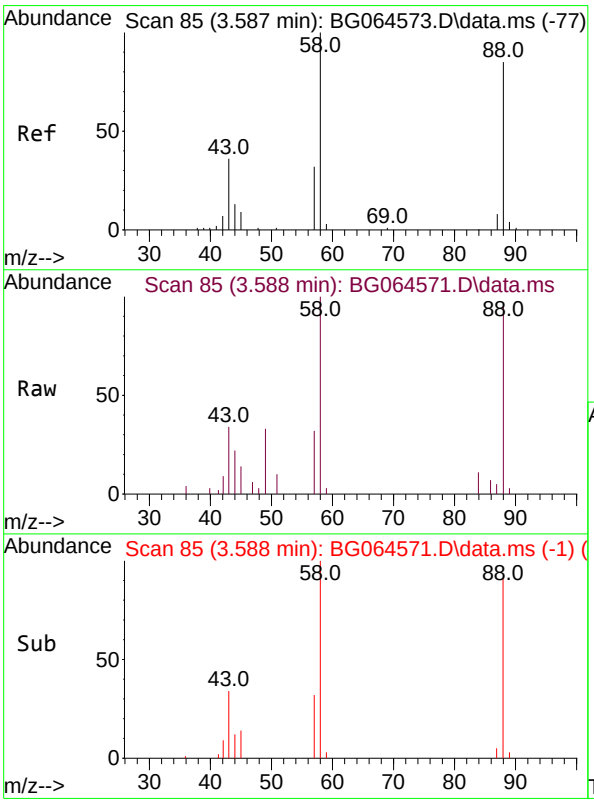
Ion	Ratio	Lower	Upper
152	100		
150	151.7	122.2	183.4
115	55.1	50.8	76.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

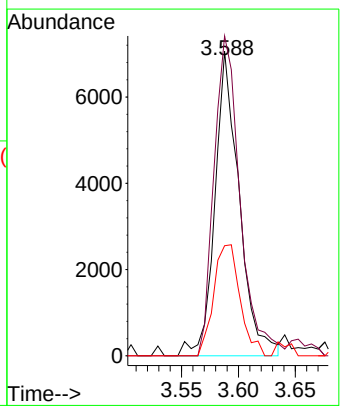
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

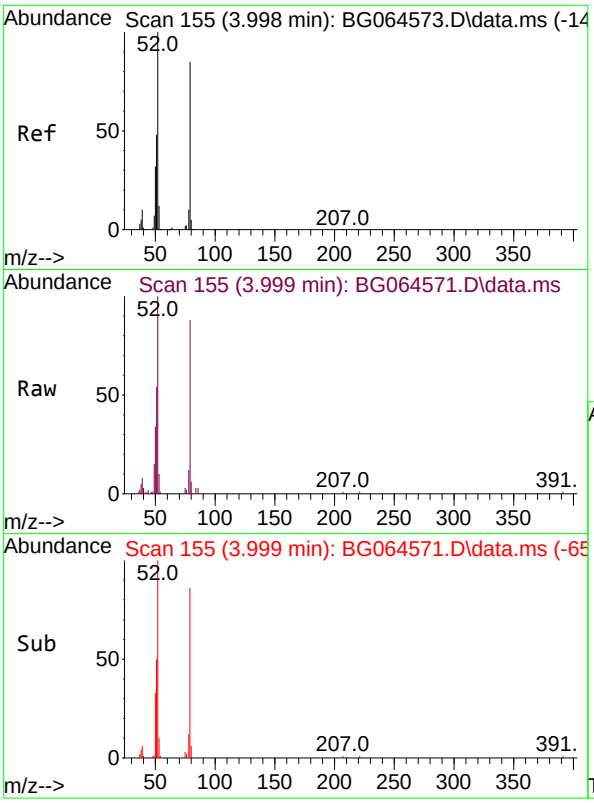


#2
1,4-Dioxane
Concen: 11.006 ng
RT: 3.588 min Scan# 85
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion: 88 Resp: 10545

Ion	Ratio	Lower	Upper
88	100		
58	112.0	92.4	138.6
43	39.4	33.0	49.6

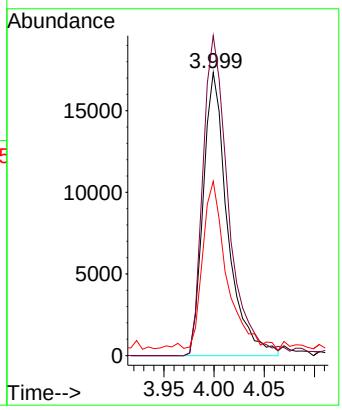




#3
Pyridine
Concen: 10.148 ng
RT: 3.999 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion: 79 Resp: 2919

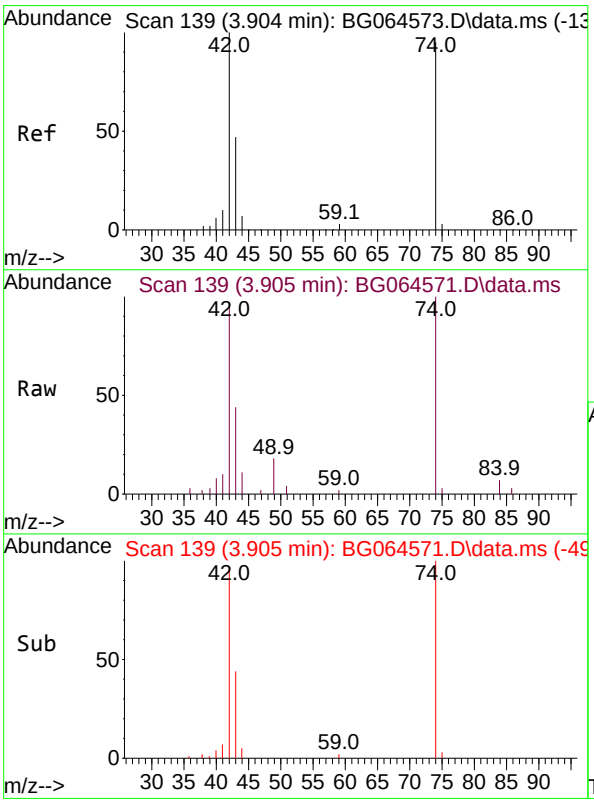
Ion	Ratio	Lower	Upper
79	100		
52	113.0	94.2	141.2
51	61.6	46.1	69.1



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

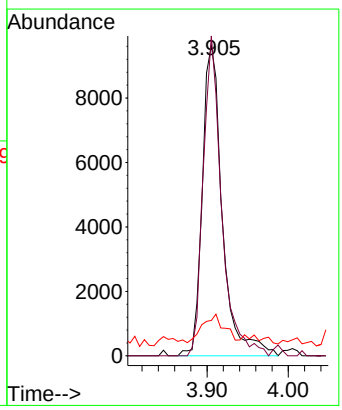
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

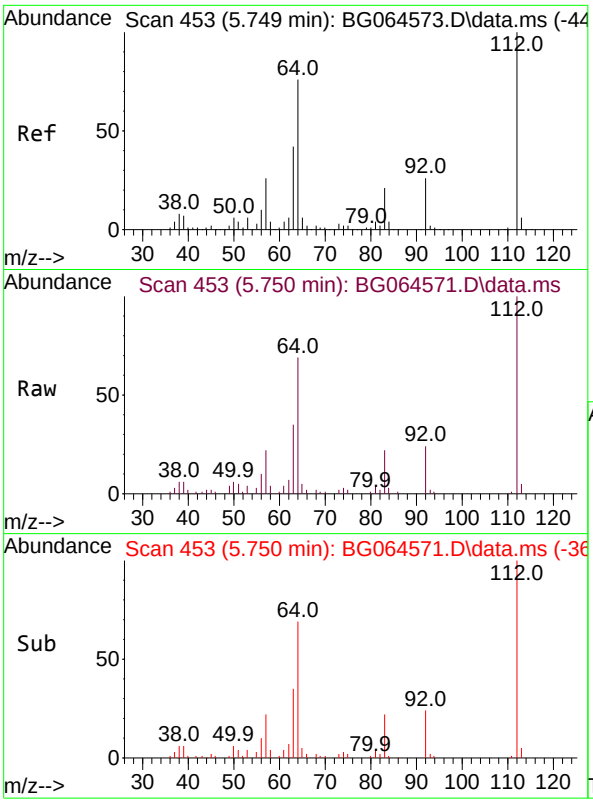


#4
n-Nitrosodimethylamine
Concen: 10.733 ng
RT: 3.905 min Scan# 139
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion: 42 Resp: 16561

Ion	Ratio	Lower	Upper
42	100		
74	103.1	76.1	114.1
44	11.4	6.3	9.5#

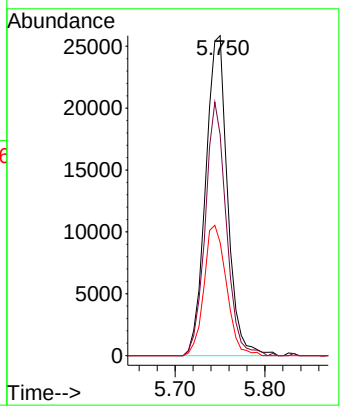




#5
2-Fluorophenol
Concen: 20.257 ng
RT: 5.750 min Scan# 4
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:112 Resp: 4383

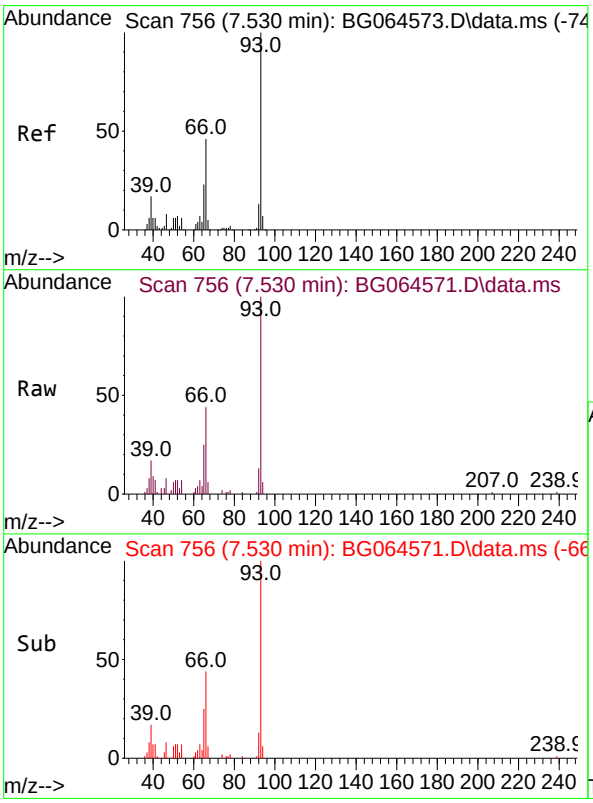
Ion	Ratio	Lower	Upper
112	100		
64	69.1	60.7	91.1
63	35.4	33.4	50.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

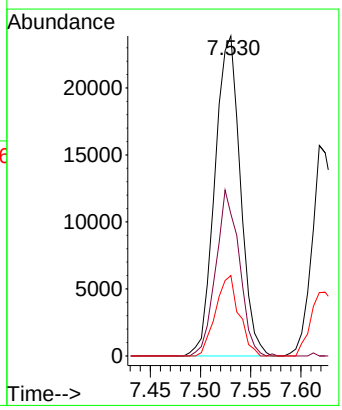
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

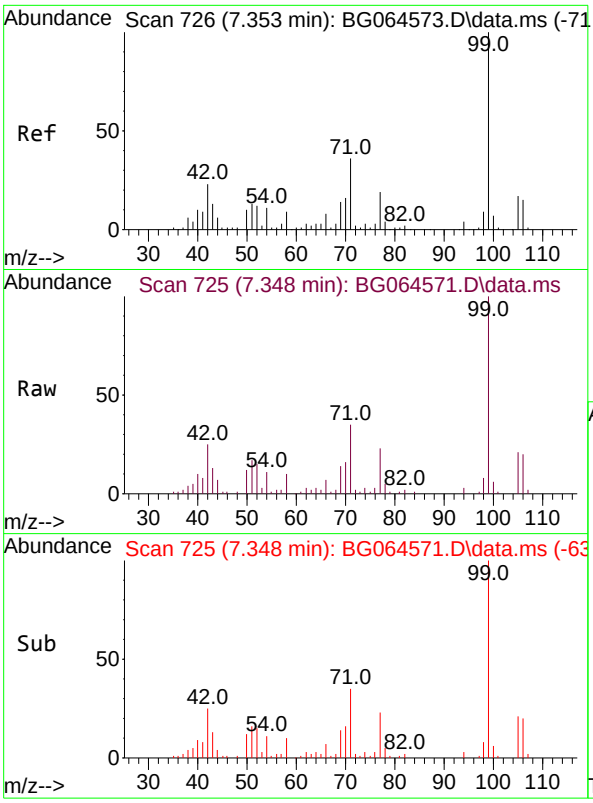


#6
Aniline
Concen: 10.427 ng
RT: 7.530 min Scan# 756
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion: 93 Resp: 42134

Ion	Ratio	Lower	Upper
93	100		
66	44.4	37.0	55.6
65	25.1	18.3	27.5

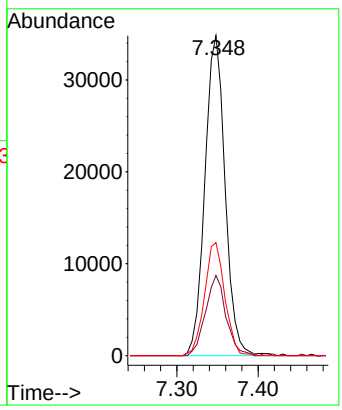




#7
Phenol-d6
Concen: 20.233 ng
RT: 7.348 min Scan# 7
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion: 99 Resp: 6008

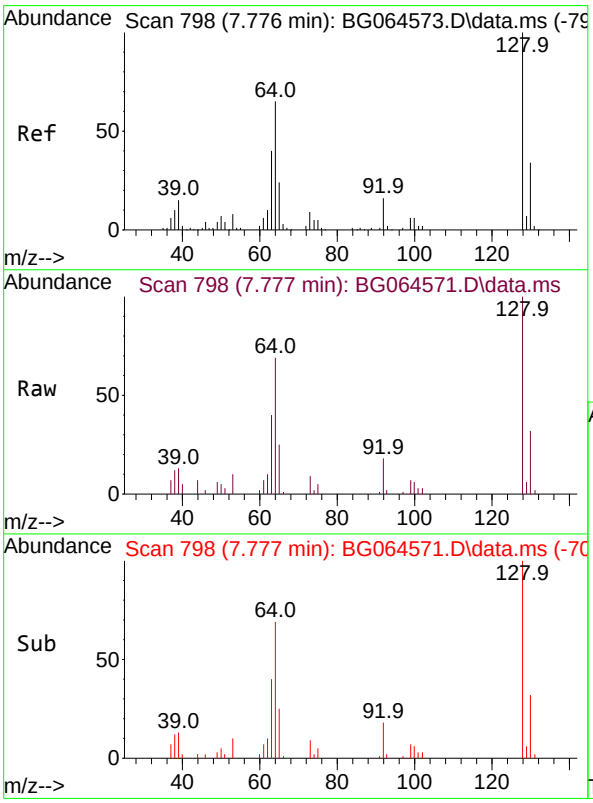
Ion	Ratio	Lower	Upper
99	100		
42	25.0	18.3	27.5
71	35.3	28.6	43.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

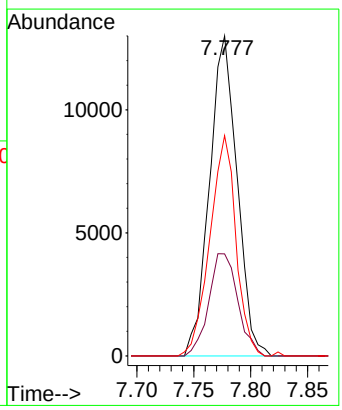
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

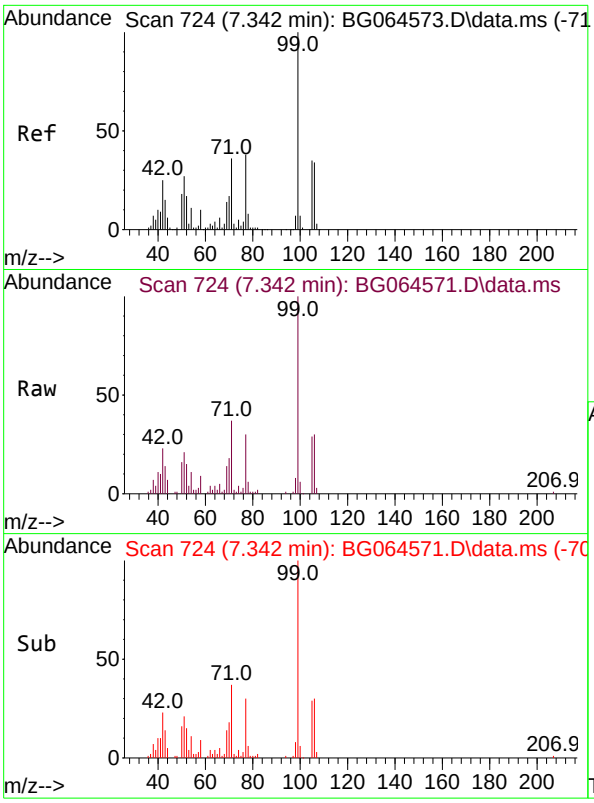


#8
2-Chlorophenol
Concen: 9.678 ng
RT: 7.777 min Scan# 798
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:128 Resp: 21922

Ion	Ratio	Lower	Upper
128	100		
130	31.9	13.5	53.5
64	68.8	45.2	85.2

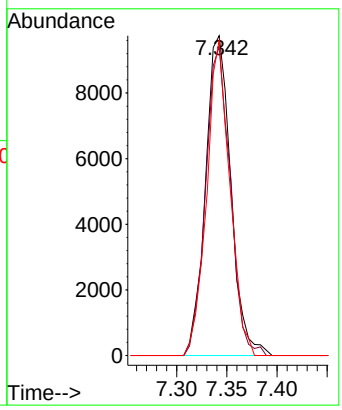




#9
Benzaldehyde
Concen: 10.558 ng
RT: 7.342 min Scan# 7
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion: 77 Resp: 1711

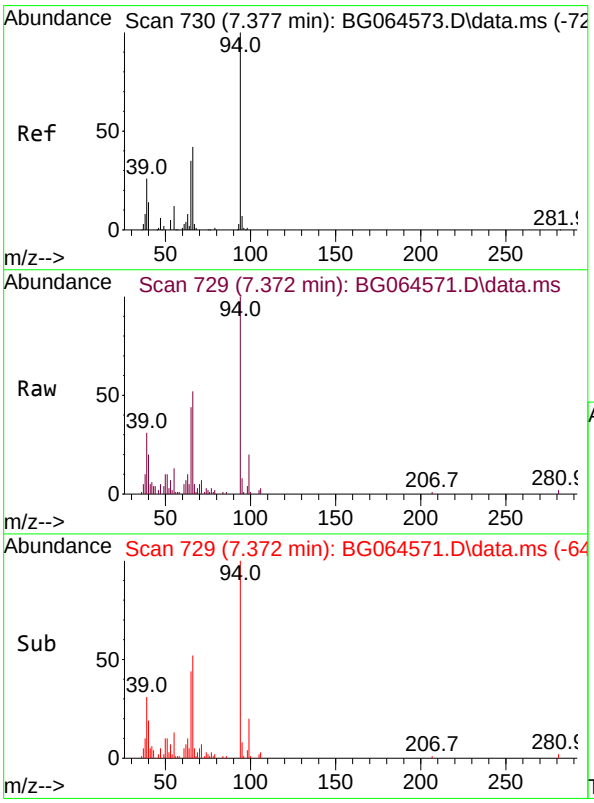
Ion	Ratio	Lower	Upper
77	100		
105	96.5	72.9	112.9
106	98.4	70.8	110.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

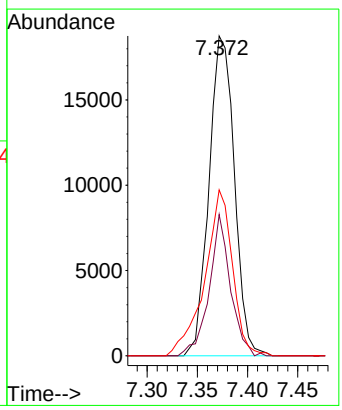
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

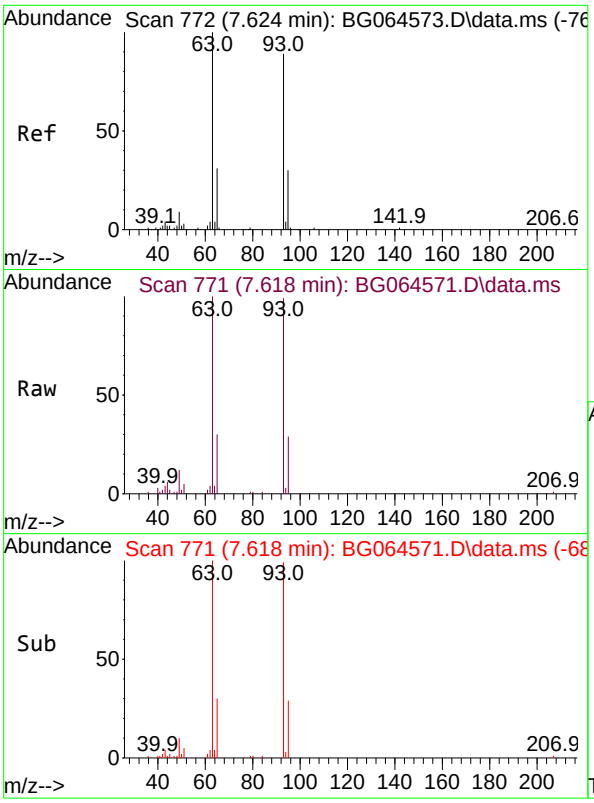


#10
Phenol
Concen: 10.066 ng
RT: 7.372 min Scan# 729
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion: 94 Resp: 33058

Ion	Ratio	Lower	Upper
94	100		
65	44.2	15.8	55.8
66	51.9	24.0	64.0

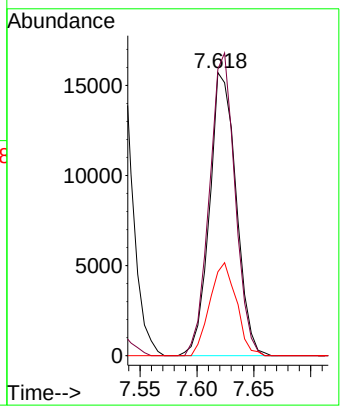




#11
bis(2-Chloroethyl)ether
Concen: 10.600 ng
RT: 7.618 min Scan# 7
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion: 93 Resp: 2559

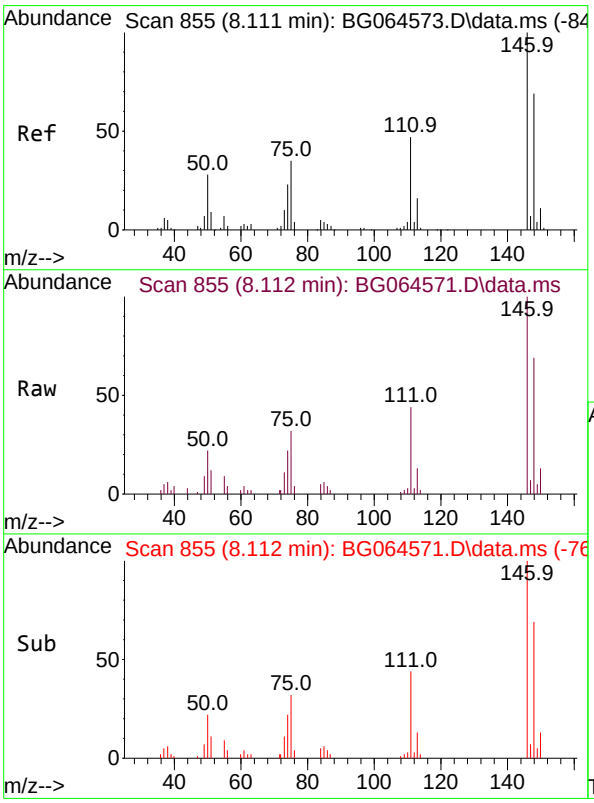
Ion	Ratio	Lower	Upper
93	100		
63	101.2	91.3	131.3
95	29.6	13.3	53.3



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

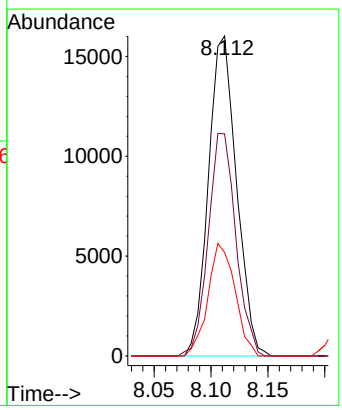
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

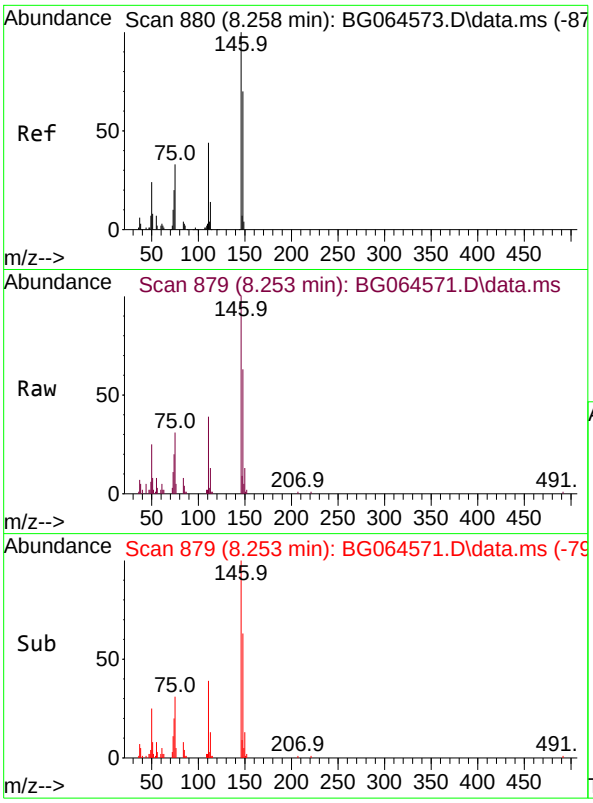


#12
1,3-Dichlorobenzene
Concen: 10.562 ng
RT: 8.112 min Scan# 855
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:146 Resp: 27537

Ion	Ratio	Lower	Upper
146	100		
148	69.4	55.3	82.9
75	32.3	28.2	42.2

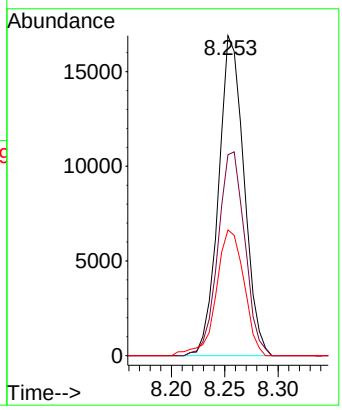




#13
1,4-Dichlorobenzene
Concen: 10.593 ng
RT: 8.253 min Scan# 8
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:146 Resp: 2808

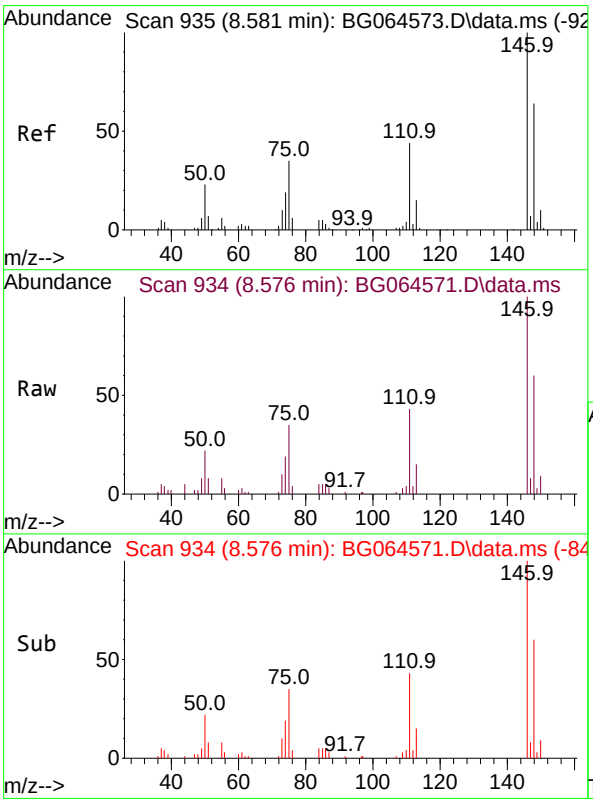
Ion	Ratio	Lower	Upper
146	100		
148	62.8	56.2	84.4
111	39.3	35.4	53.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

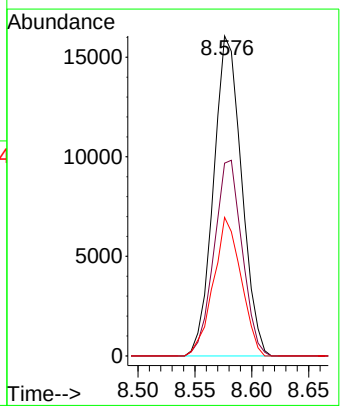
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

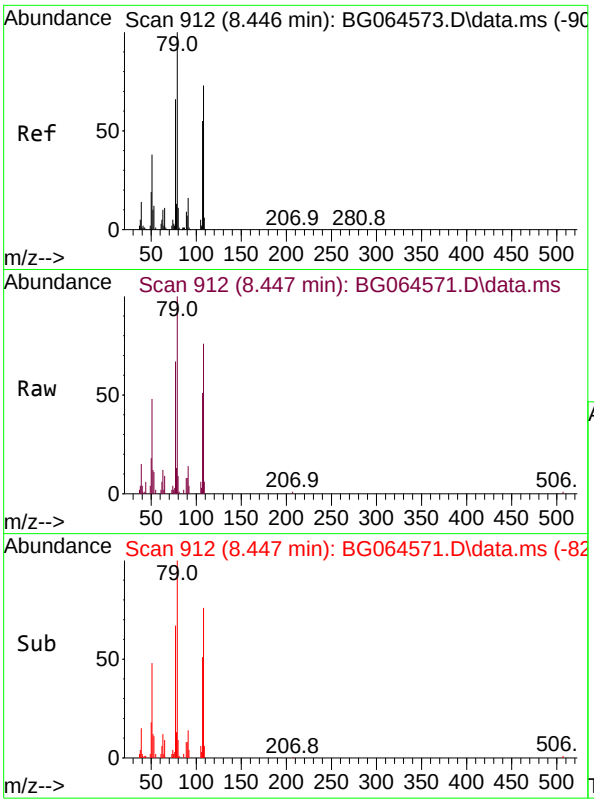


#14
1,2-Dichlorobenzene
Concen: 10.785 ng
RT: 8.576 min Scan# 934
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:146 Resp: 27577

Ion	Ratio	Lower	Upper
146	100		
148	60.2	51.5	77.3
111	43.3	35.0	52.6

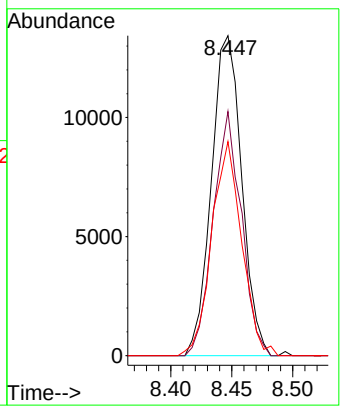




#15
Benzyl Alcohol
Concen: 9.500 ng
RT: 8.447 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion: 79 Resp: 2326

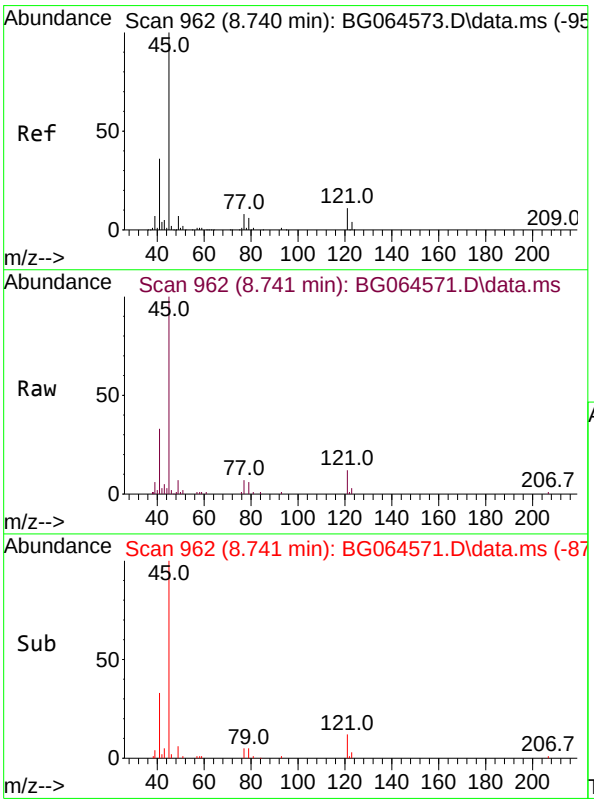
Ion	Ratio	Lower	Upper
79	100		
108	76.3	58.1	87.1
77	66.9	52.8	79.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

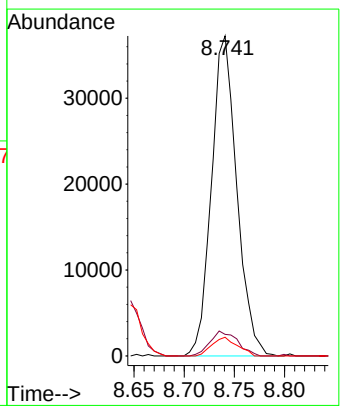
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

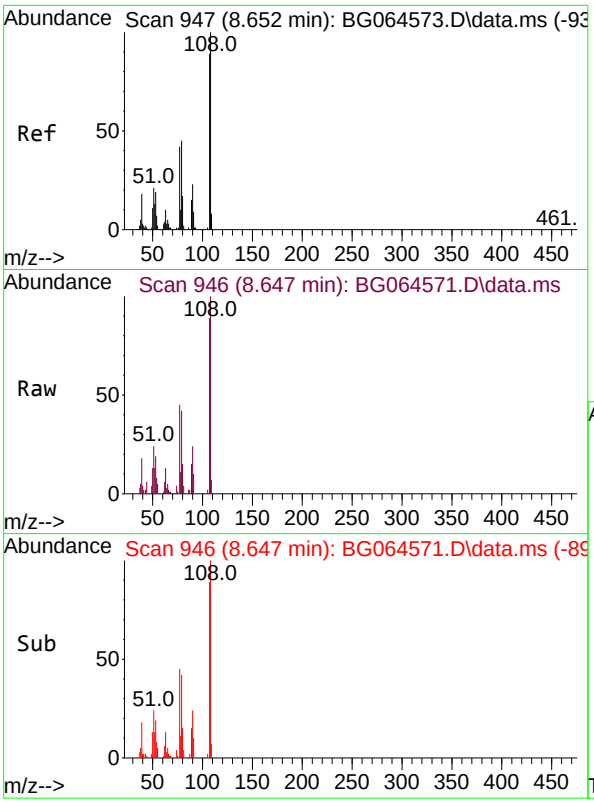


#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.334 ng
RT: 8.741 min Scan# 962
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion: 45 Resp: 65452

Ion	Ratio	Lower	Upper
45	100		
77	6.7	0.0	28.5
79	5.8	0.0	25.6

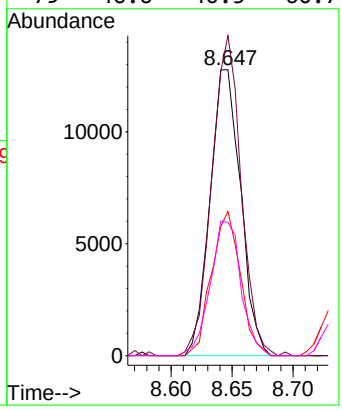




#17
2-Methylphenol
Concen: 10.206 ng
RT: 8.647 min Scan# 94
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:107 Resp: 2225

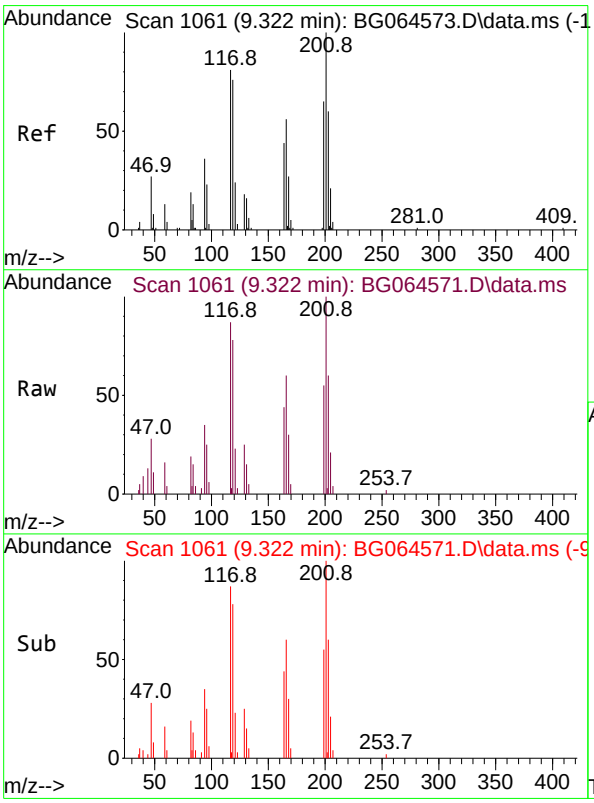
Ion	Ratio	Lower	Upper
107	100		
108	111.9	90.0	135.0
77	50.5	37.8	56.8
79	46.6	40.5	60.7



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

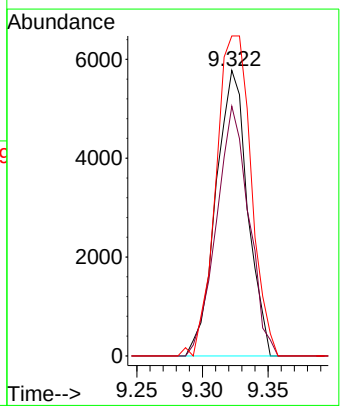
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

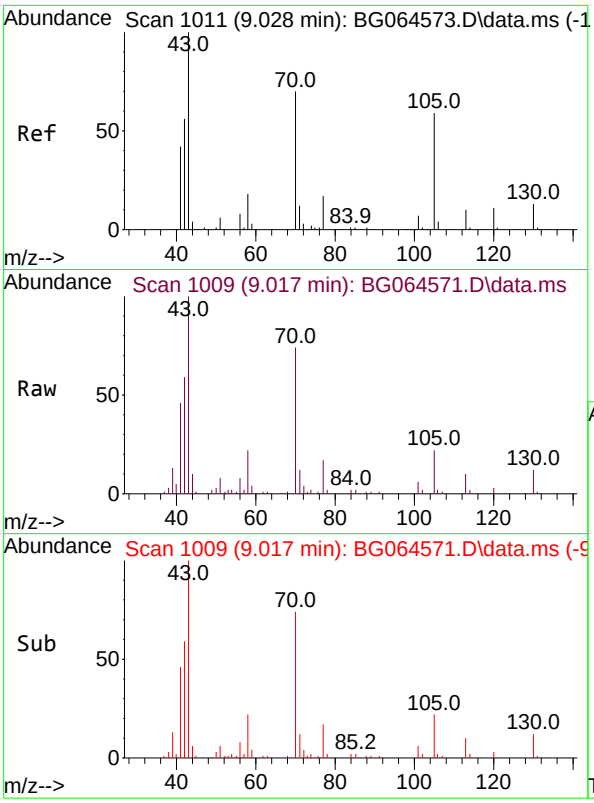


#18
Hexachloroethane
Concen: 10.452 ng
RT: 9.322 min Scan# 1061
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:117 Resp: 9723

Ion	Ratio	Lower	Upper
117	100		
119	87.5	75.4	113.2
201	115.2	99.2	148.8

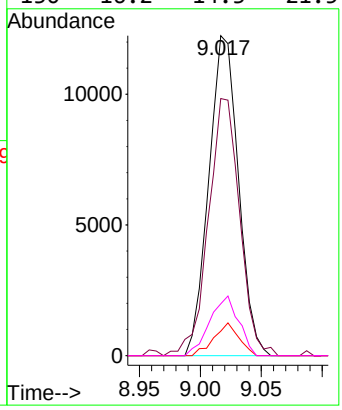




#19
n-Nitroso-di-n-propylamine
Concen: 10.098 ng
RT: 9.017 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion: 70 Resp: 2072

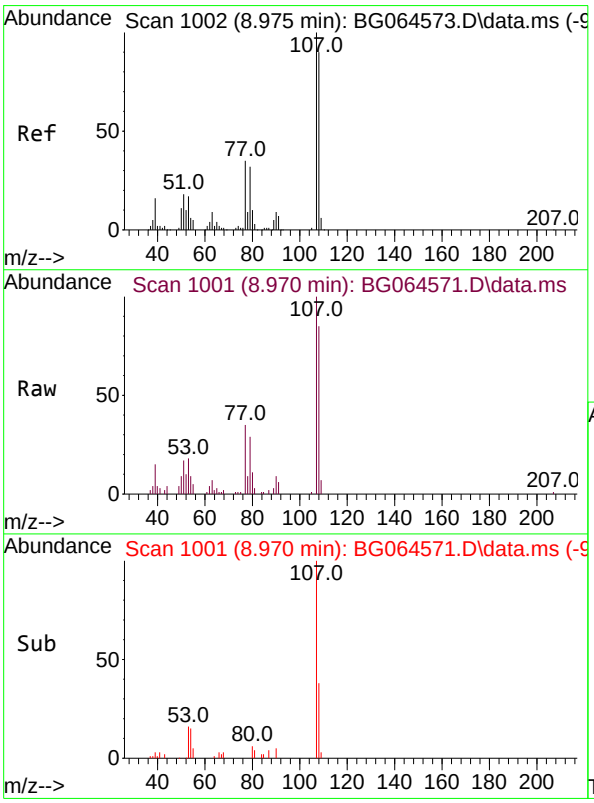
Ion	Ratio	Lower	Upper
70	100		
42	80.3	65.2	97.8
101	7.6	7.9	11.9#
130	16.2	14.3	21.5



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

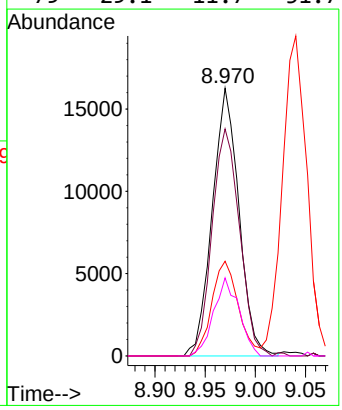
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

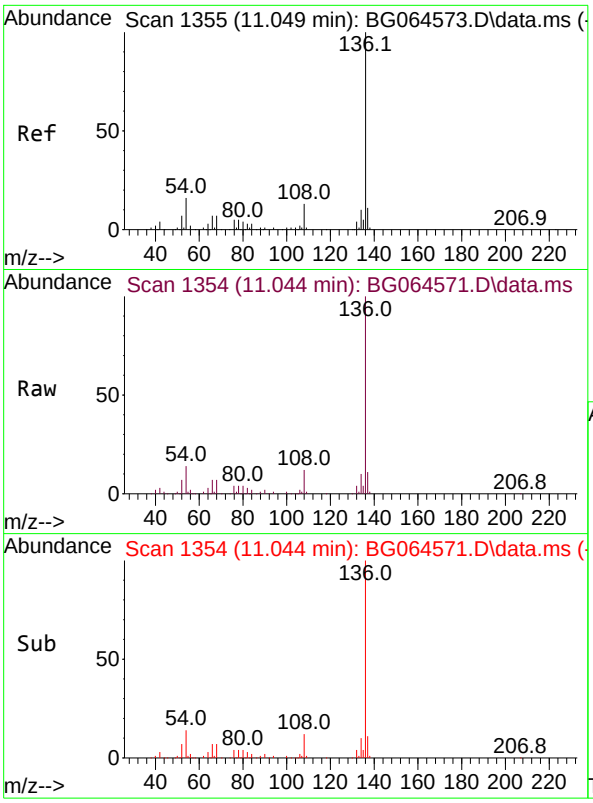


#20
3+4-Methylphenols
Concen: 9.786 ng
RT: 8.970 min Scan# 1001
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:107 Resp: 30009

Ion	Ratio	Lower	Upper
107	100		
108	84.8	70.3	110.3
77	35.4	14.6	54.6
79	29.1	11.7	51.7

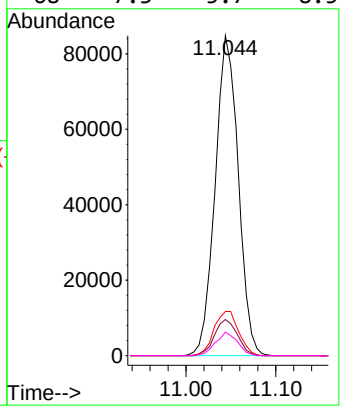




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.044 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:136 Resp: 15162

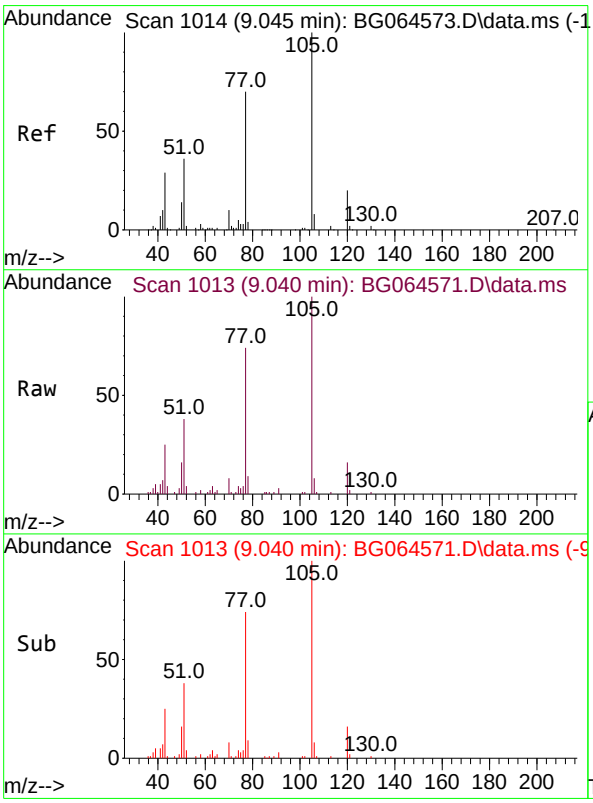
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	13.8	12.6	19.0
68	7.3	5.7	8.5



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

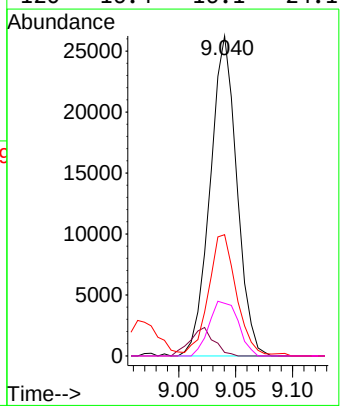
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

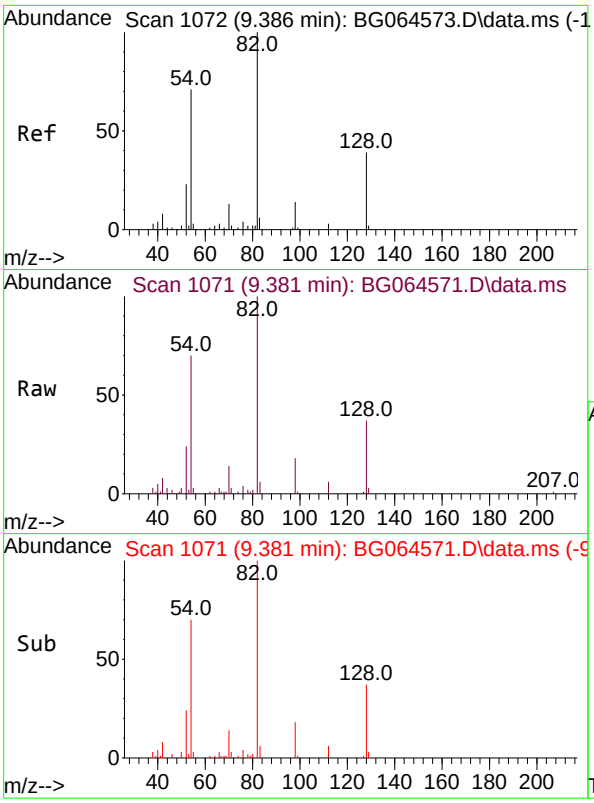


#22
Acetophenone
Concen: 10.338 ng
RT: 9.040 min Scan# 1013
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:105 Resp: 42851

Ion	Ratio	Lower	Upper
105	100		
71	1.1	1.5	2.3#
51	37.9	33.7	50.5
120	16.4	16.1	24.1

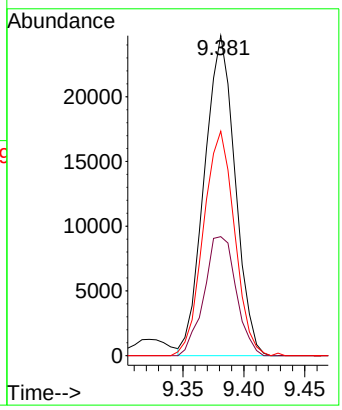




#23
Nitrobenzene-d5
Concen: 17.182 ng
RT: 9.381 min Scan# 10
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion: 82 Resp: 4337

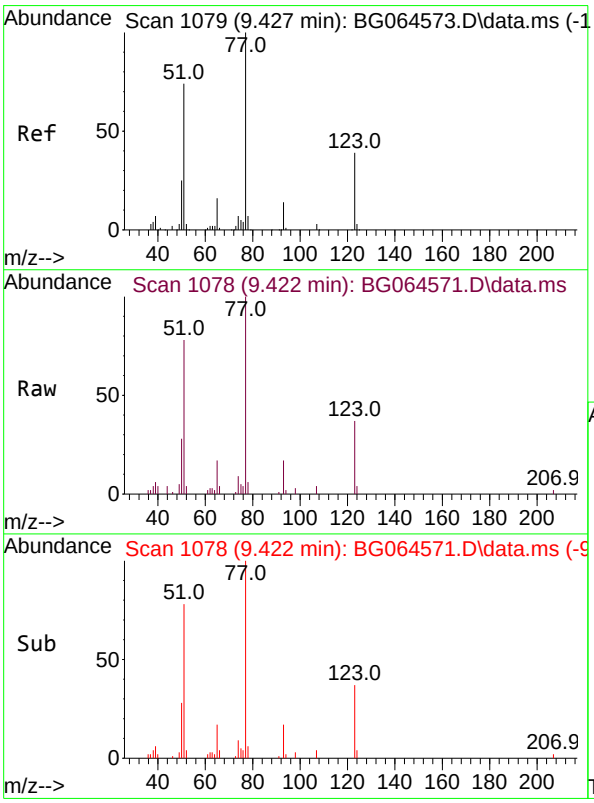
Ion	Ratio	Lower	Upper
82	100		
128	37.2	31.3	46.9
54	70.1	56.6	84.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

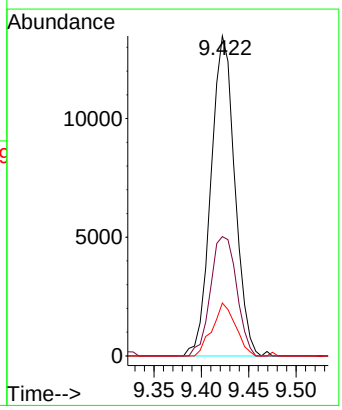
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

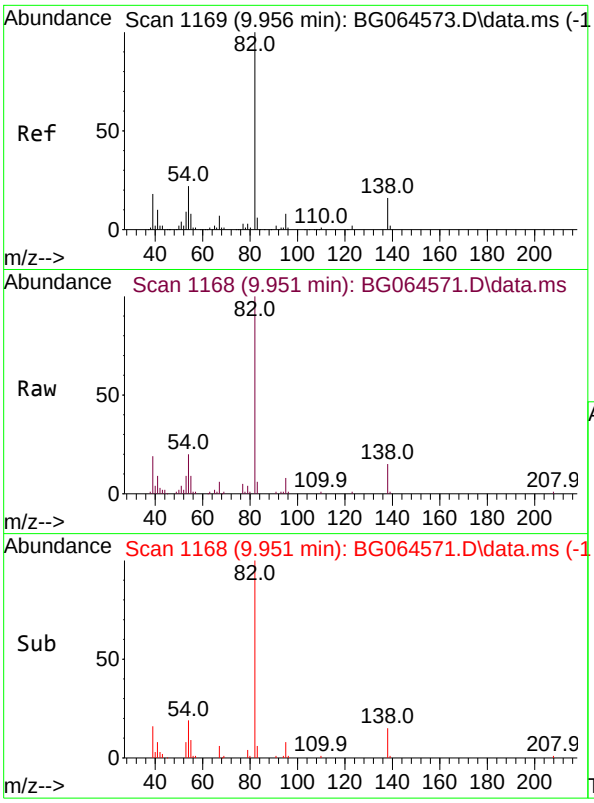


#24
Nitrobenzene
Concen: 8.602 ng
RT: 9.422 min Scan# 1078
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion: 77 Resp: 23618

Ion	Ratio	Lower	Upper
77	100		
123	37.3	31.0	46.6
65	16.5	12.7	19.1

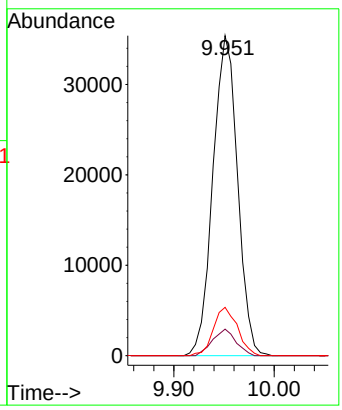




#25
Isophorone
Concen: 9.962 ng
RT: 9.951 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion: 82 Resp: 6034

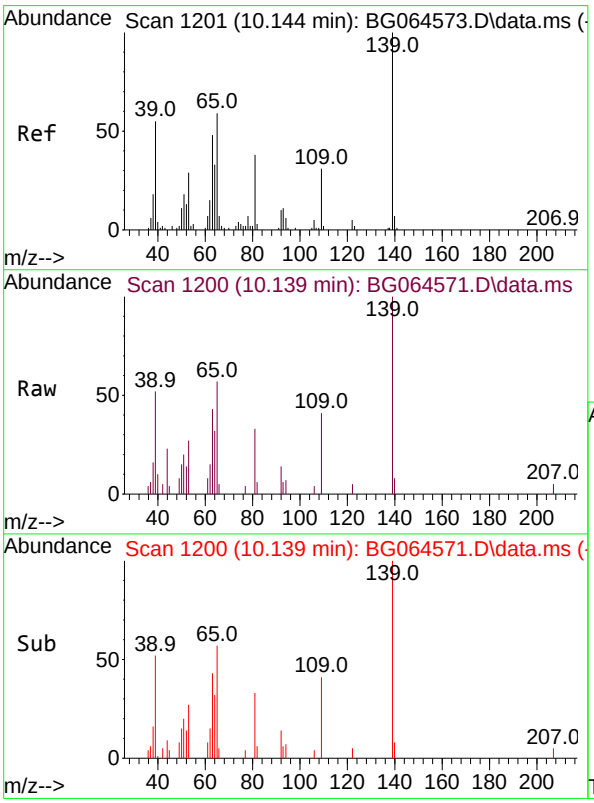
Ion	Ratio	Lower	Upper
82	100		
95	8.3	6.1	9.1
138	15.1	13.0	19.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

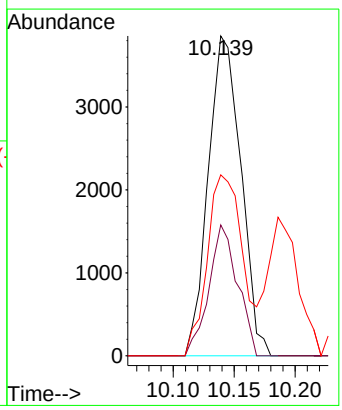
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

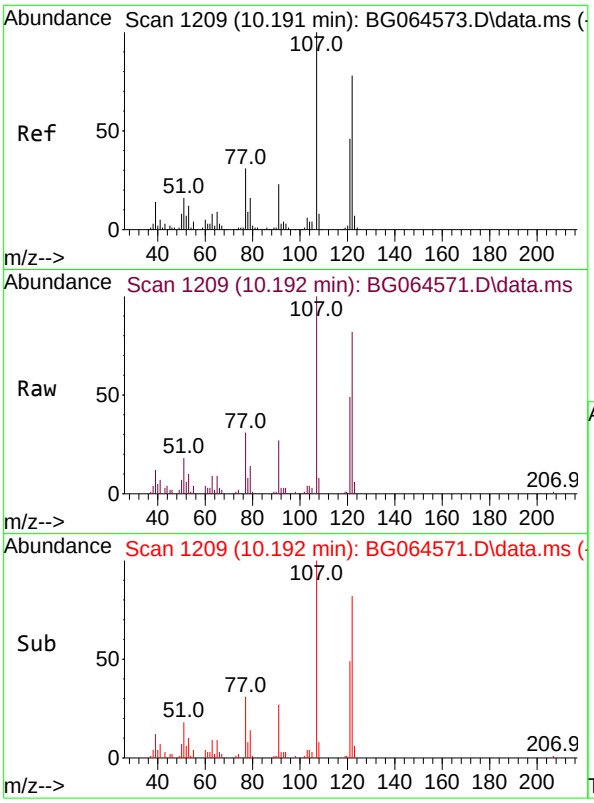


#26
2-Nitrophenol
Concen: 9.491 ng
RT: 10.139 min Scan# 1200
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:139 Resp: 7208

Ion	Ratio	Lower	Upper
139	100		
109	40.9	24.6	37.0#
65	56.6	47.5	71.3

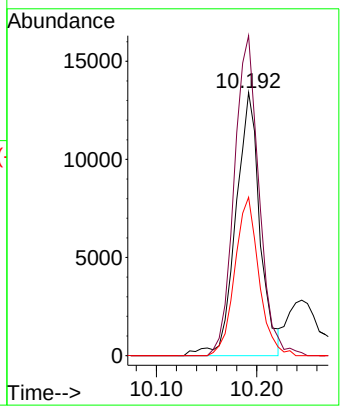




#27
2,4-Dimethylphenol
Concen: 9.879 ng
RT: 10.192 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:122 Resp: 2225

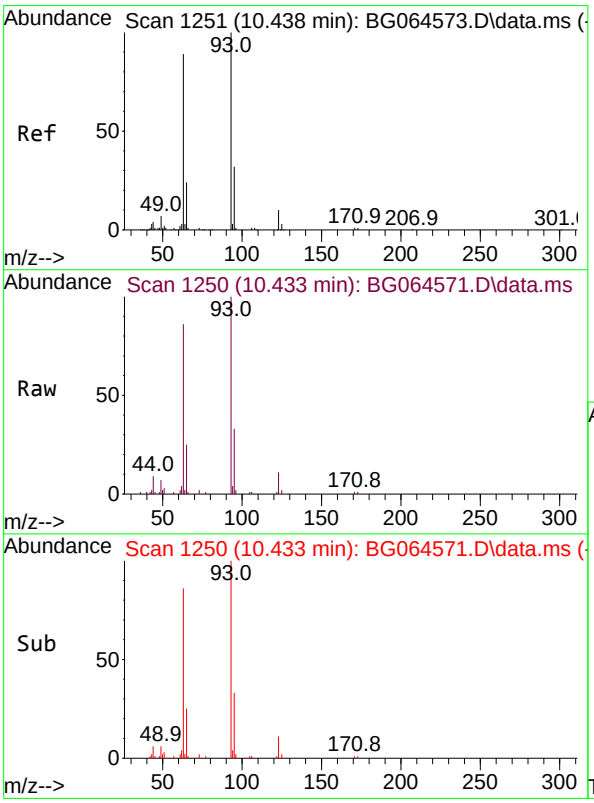
Ion	Ratio	Lower	Upper
122	100		
107	121.6	103.0	154.4
121	60.2	47.8	71.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

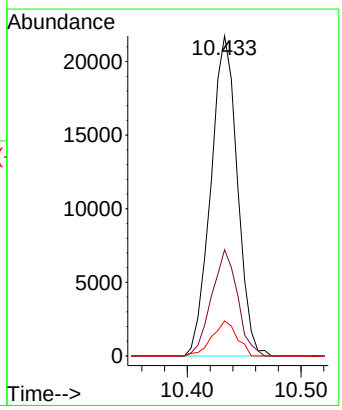
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

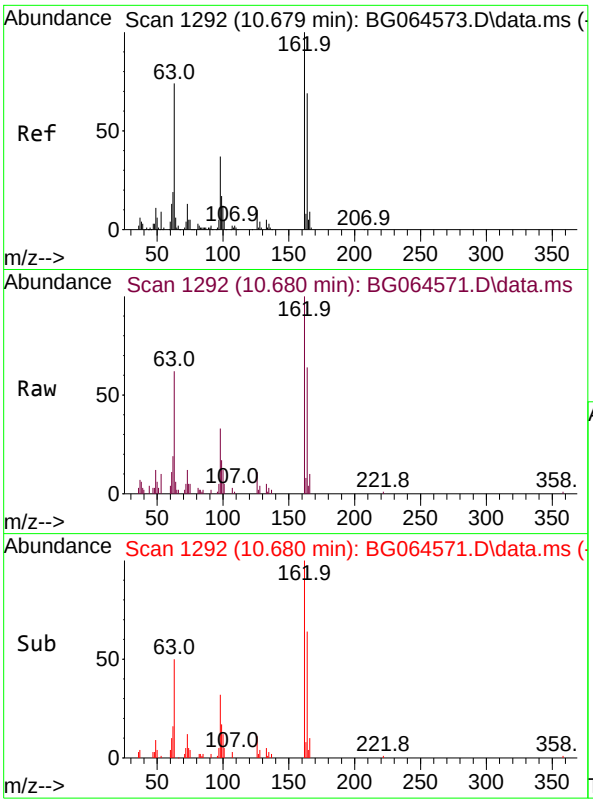


#28
bis(2-Chloroethoxy)methane
Concen: 10.197 ng
RT: 10.433 min Scan# 1250
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion: 93 Resp: 35170

Ion	Ratio	Lower	Upper
93	100		
95	33.2	25.4	38.2
123	11.0	8.4	12.6

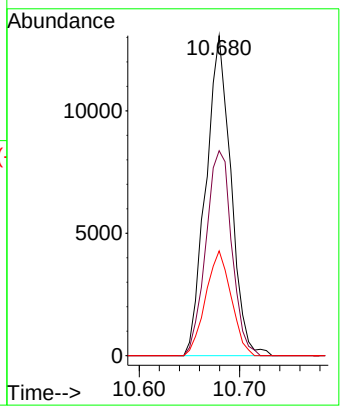




#29
2,4-Dichlorophenol
Concen: 9.338 ng
RT: 10.680 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:162 Resp: 2264

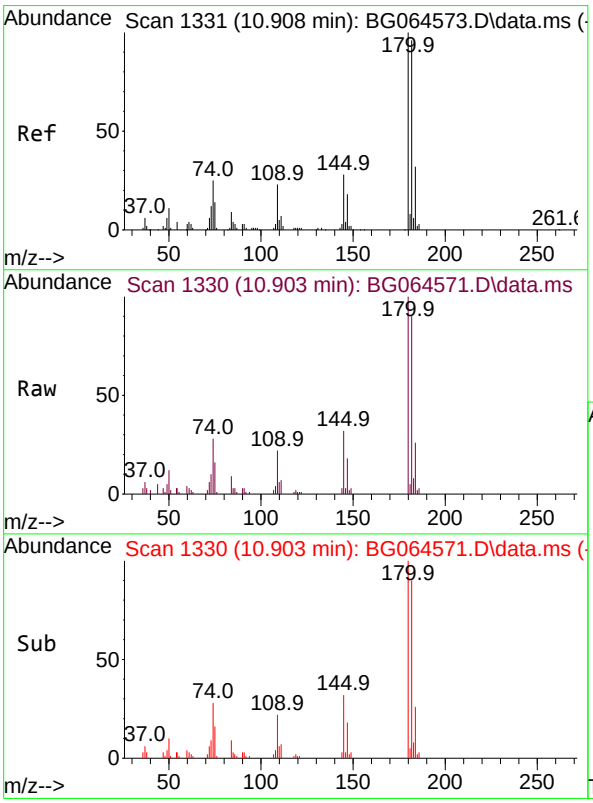
Ion	Ratio	Lower	Upper
162	100		
164	64.0	48.7	88.7
98	32.7	16.9	56.9



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

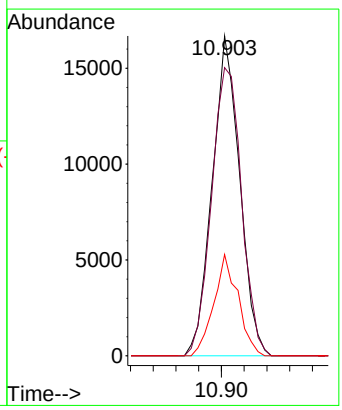
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

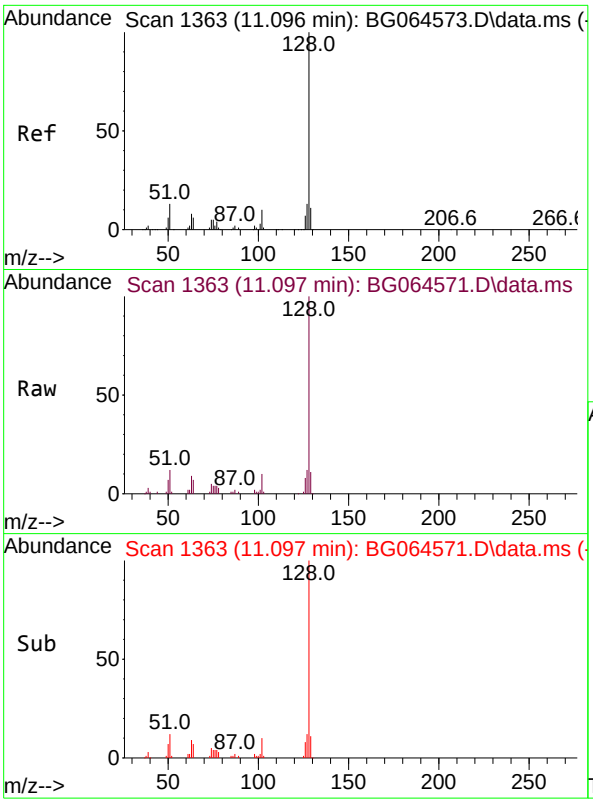


#30
1,2,4-Trichlorobenzene
Concen: 10.143 ng
RT: 10.903 min Scan# 1330
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:180 Resp: 27947

Ion	Ratio	Lower	Upper
180	100		
182	90.1	76.9	115.3
145	31.7	22.1	33.1

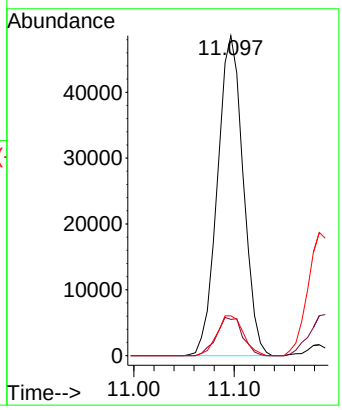




#31
Naphthalene
Concen: 10.319 ng
RT: 11.097 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:128 Resp: 8675

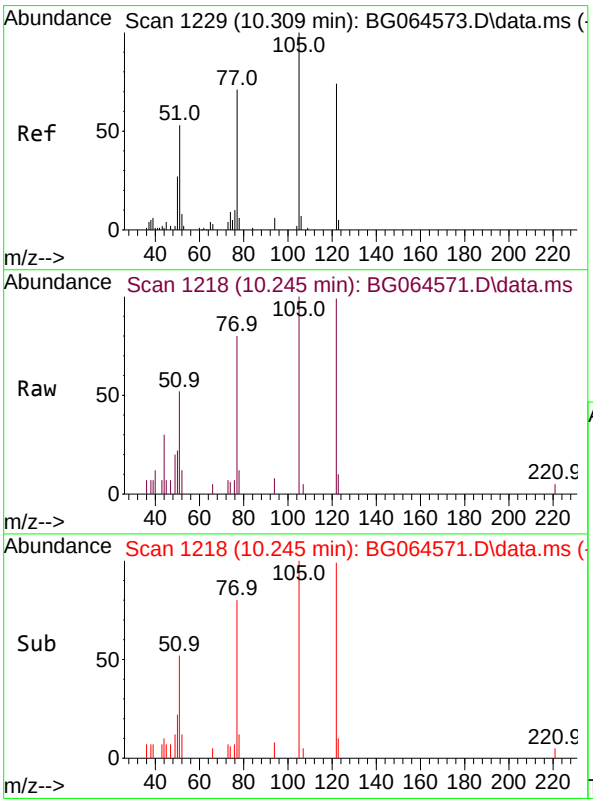
Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	12.4	10.6	15.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

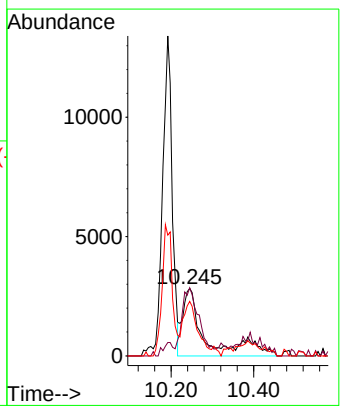
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

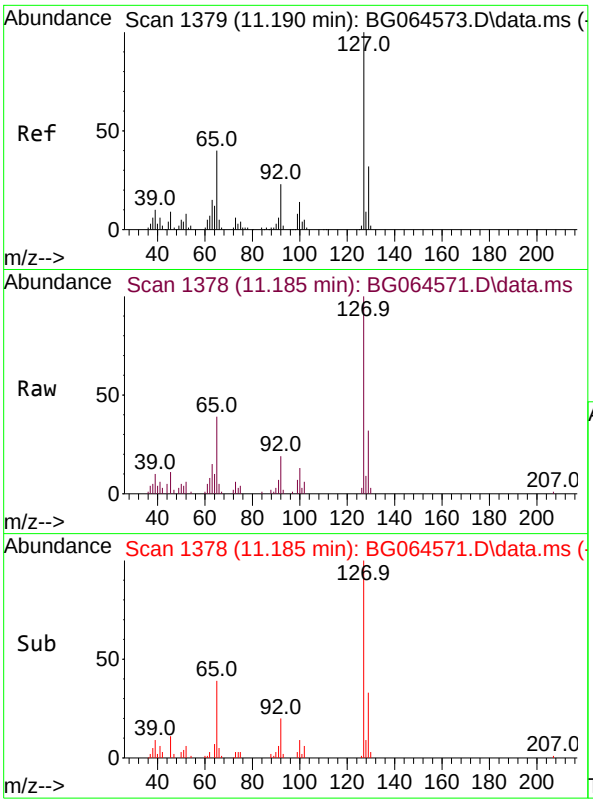


#32
Benzoic acid
Concen: 10.637 ng m
RT: 10.245 min Scan# 1218
Delta R.T. -0.064 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:122 Resp: 10748

Ion	Ratio	Lower	Upper
122	100		
105	100.8	104.2	144.2#
77	80.6	70.2	110.2

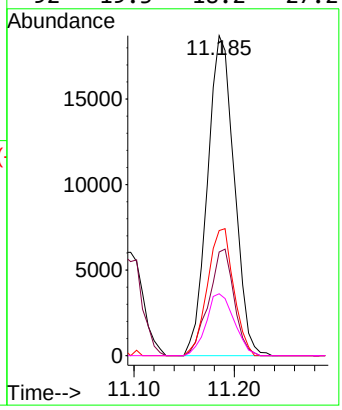




#33
4-Chloroaniline
Concen: 10.583 ng
RT: 11.185 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:127 Resp: 3458

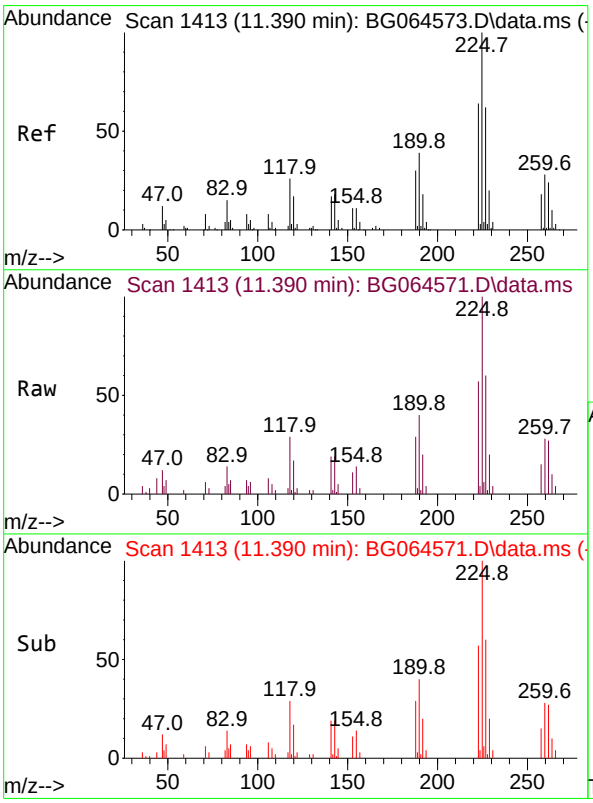
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.5	38.3
65	39.1	32.2	48.4
92	19.3	18.2	27.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

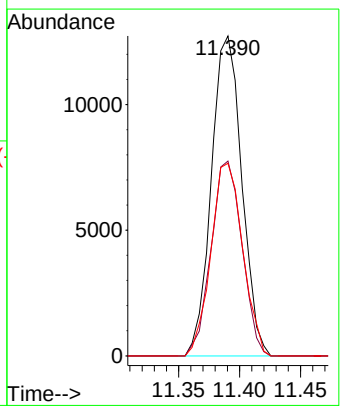
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

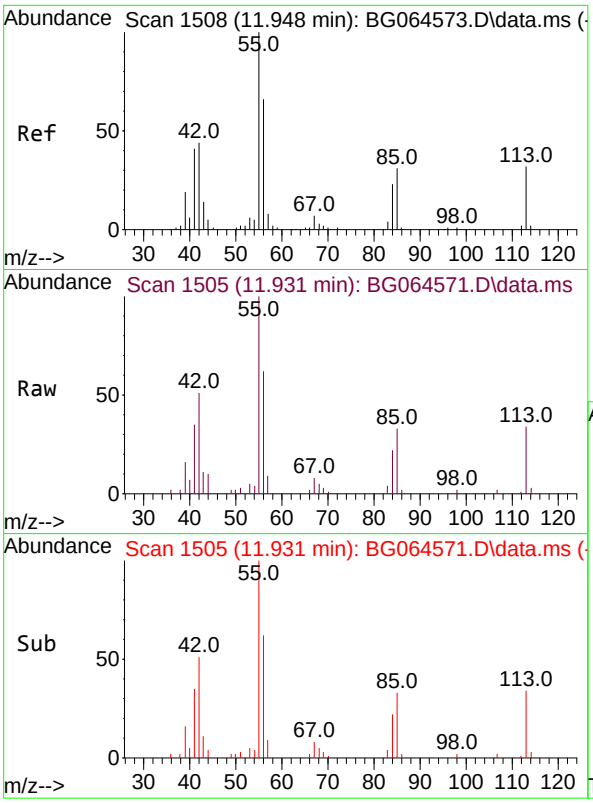


#34
Hexachlorobutadiene
Concen: 10.256 ng
RT: 11.390 min Scan# 1413
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:225 Resp: 22099

Ion	Ratio	Lower	Upper
225	100		
223	57.6	48.8	73.2
227	57.0	49.5	74.3

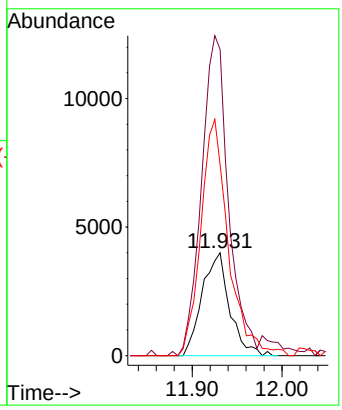




#35
Caprolactam
Concen: 9.162 ng
RT: 11.931 min Scan# 1
Delta R.T. -0.017 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:113 Resp: 852

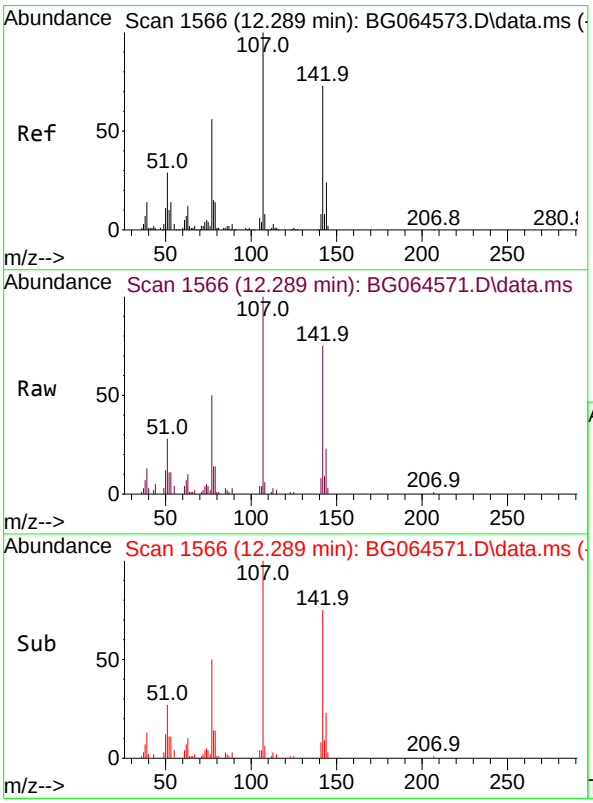
Ion	Ratio	Lower	Upper
113	100		
55	297.7	290.1	330.1
56	185.5	183.8	223.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations
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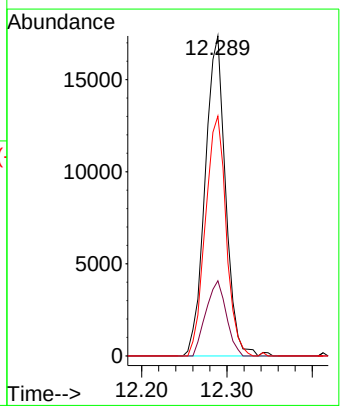
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

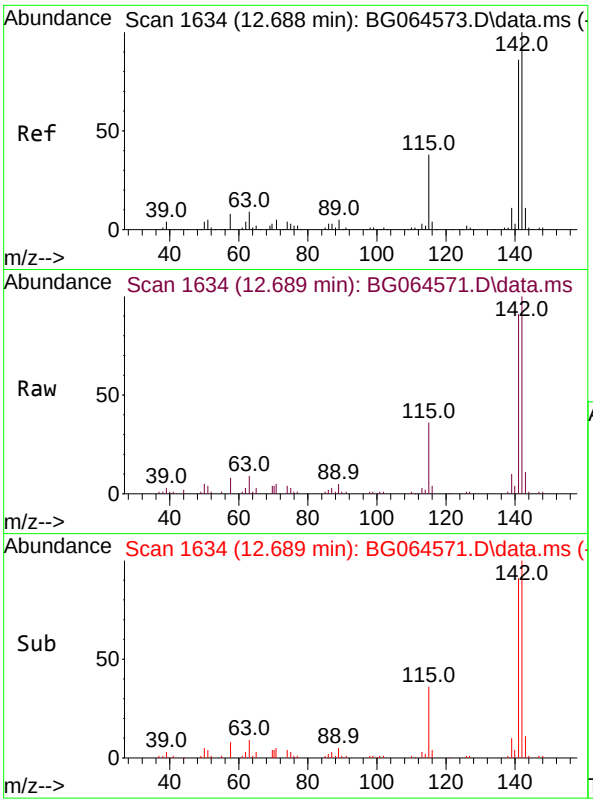


#36
4-Chloro-3-methylphenol
Concen: 9.916 ng
RT: 12.289 min Scan# 1566
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:107 Resp: 28904

Ion	Ratio	Lower	Upper
107	100		
144	23.5	19.1	28.7
142	74.9	58.6	87.8

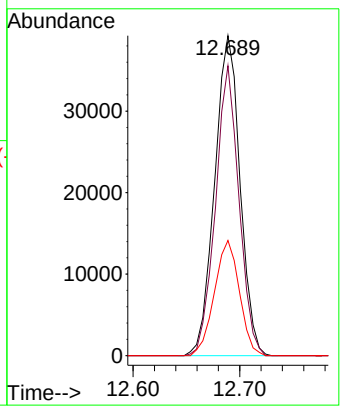




#37
2-Methylnaphthalene
Concen: 10.543 ng
RT: 12.689 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:142 Resp: 6507

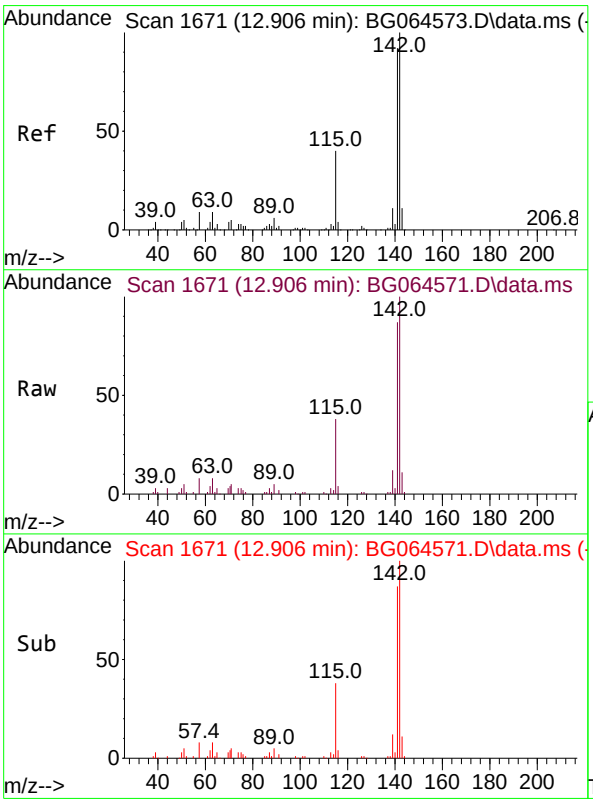
Ion	Ratio	Lower	Upper
142	100		
141	90.6	68.9	103.3
115	36.0	30.6	46.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

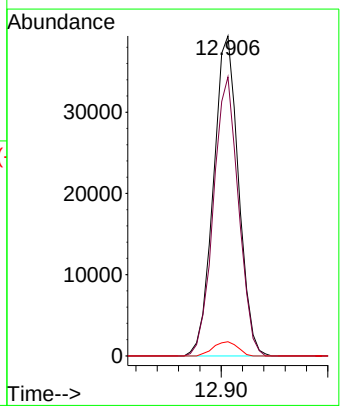
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

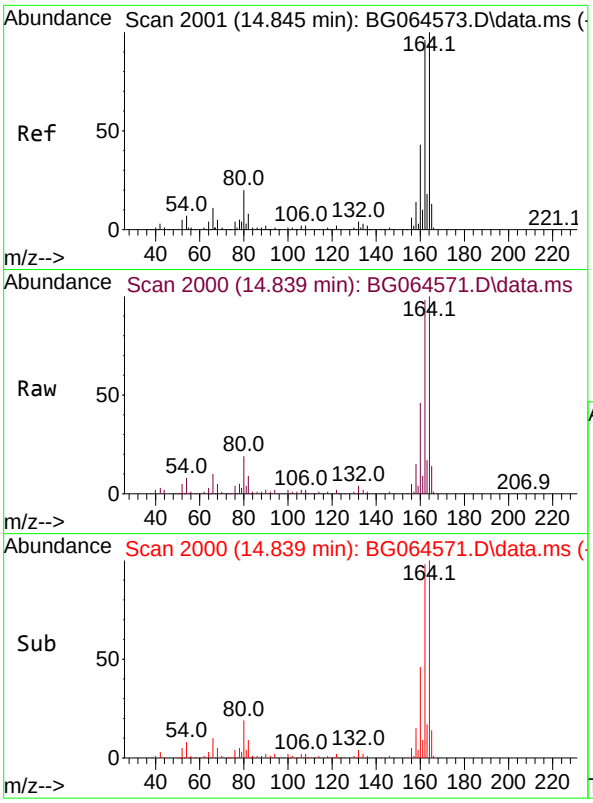


#38
1-Methylnaphthalene
Concen: 10.540 ng
RT: 12.906 min Scan# 1671
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:142 Resp: 64384

Ion	Ratio	Lower	Upper
142	100		
141	87.2	73.3	109.9
116	4.4	3.1	4.7

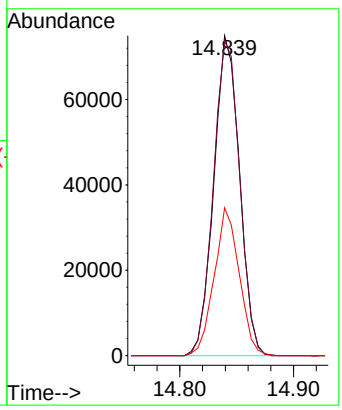




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.839 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:164 Resp: 11761

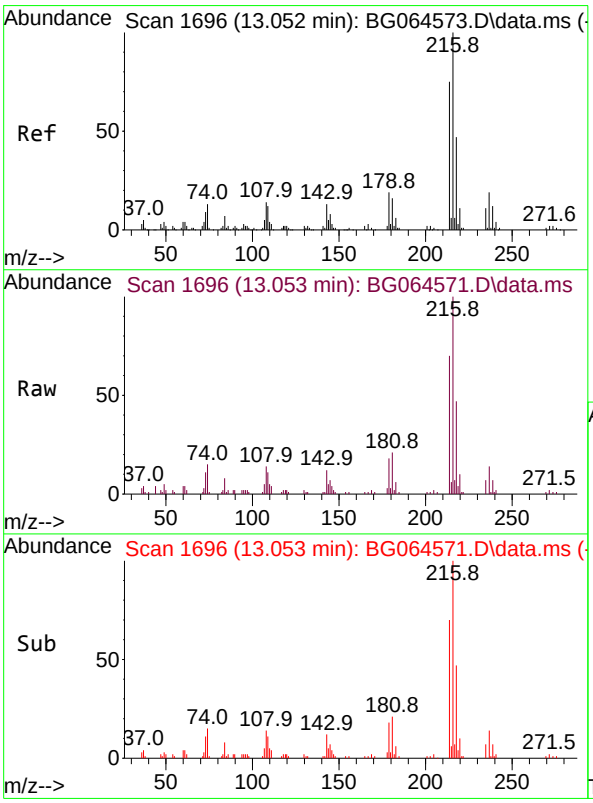
Ion	Ratio	Lower	Upper
164	100		
162	98.4	77.0	115.6
160	46.2	34.4	51.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

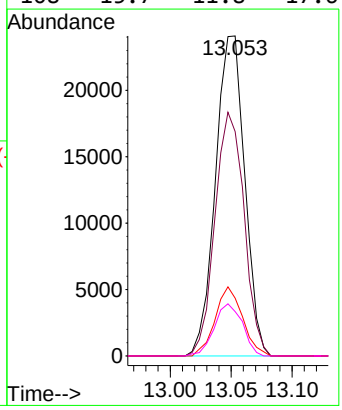
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

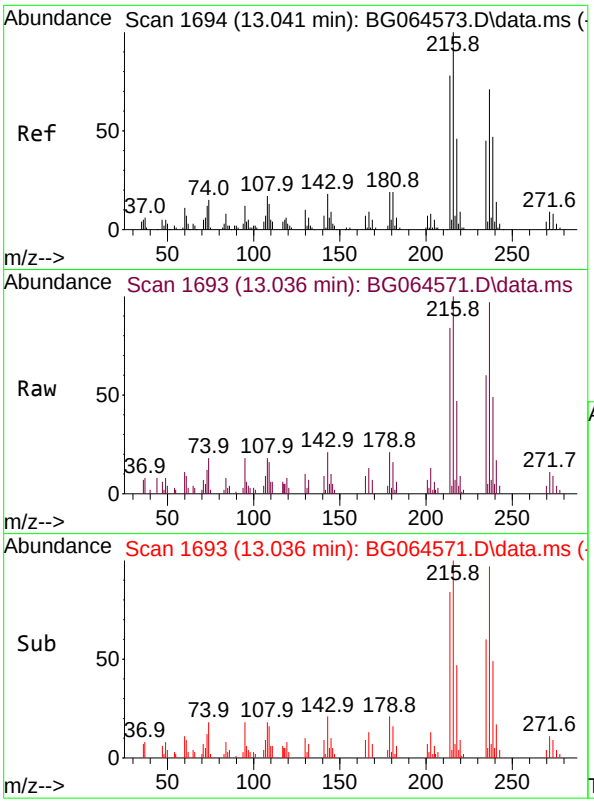


#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.197 ng
RT: 13.053 min Scan# 1696
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:216 Resp: 40253

Ion	Ratio	Lower	Upper
216	100		
214	75.7	61.4	92.2
179	20.2	15.4	23.0
108	15.7	11.8	17.6

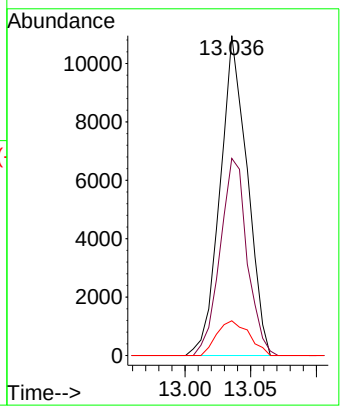




#41
Hexachlorocyclopentadiene
Concen: 8.855 ng
RT: 13.036 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:237 Resp: 1573

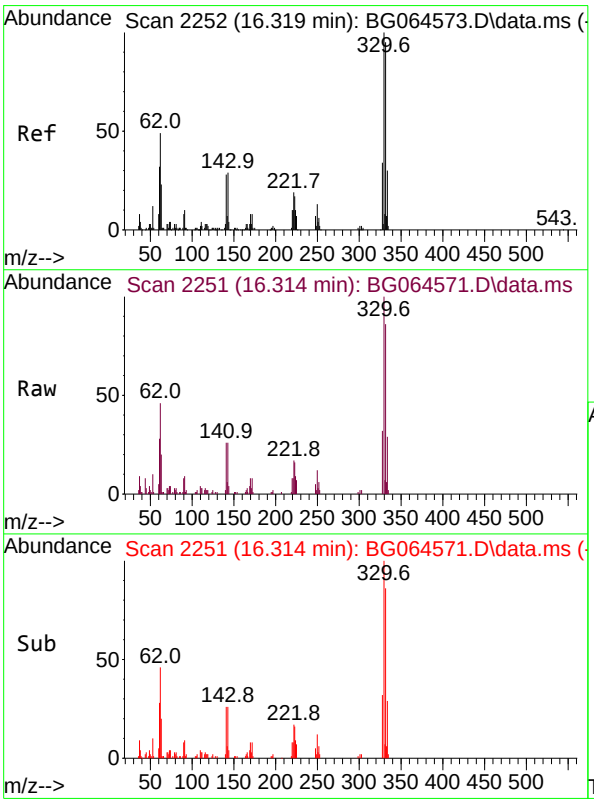
Ion	Ratio	Lower	Upper
237	100		
235	61.6	44.1	84.1
272	10.9	0.0	32.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

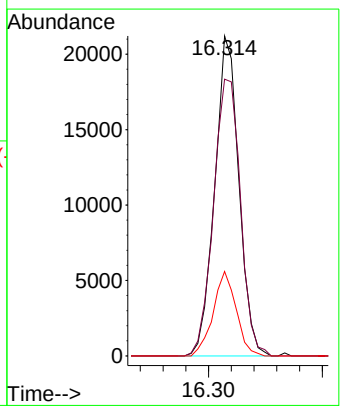
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

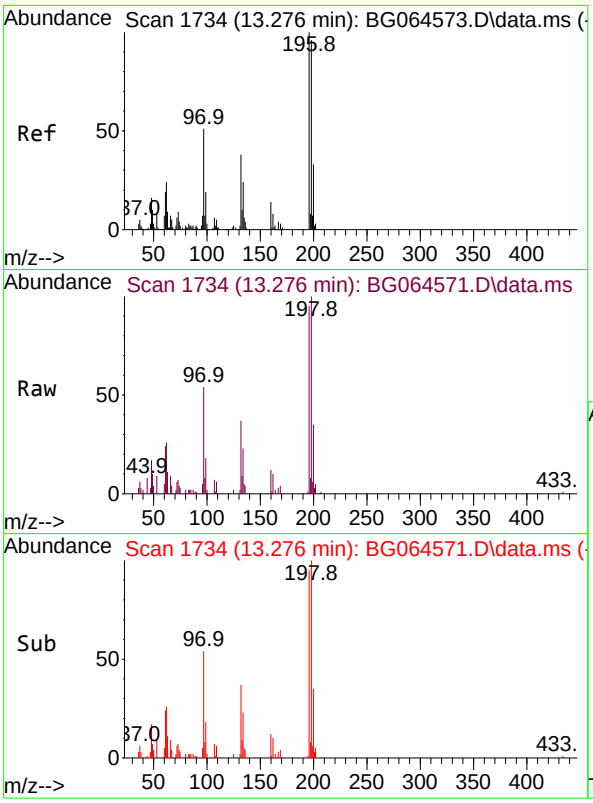


#42
2,4,6-Tribromophenol
Concen: 18.400 ng
RT: 16.314 min Scan# 2251
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:330 Resp: 31236

Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.0	117.0
141	25.2	21.8	32.6

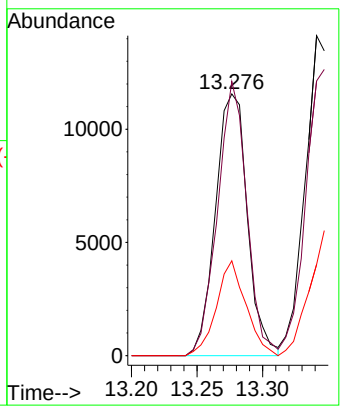




#43
2,4,6-Trichlorophenol
Concen: 8.673 ng
RT: 13.276 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:196 Resp: 1958

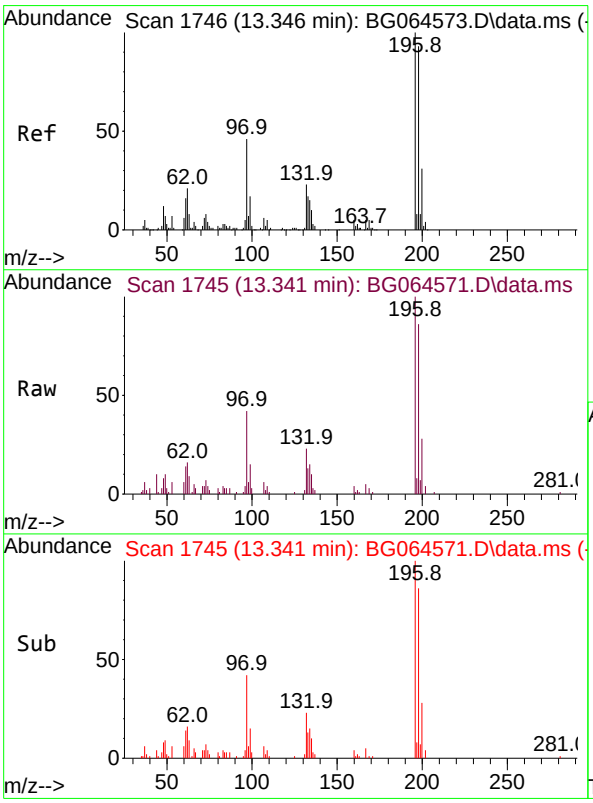
Ion	Ratio	Lower	Upper
196	100		
198	104.8	76.6	115.0
200	36.2	26.0	39.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

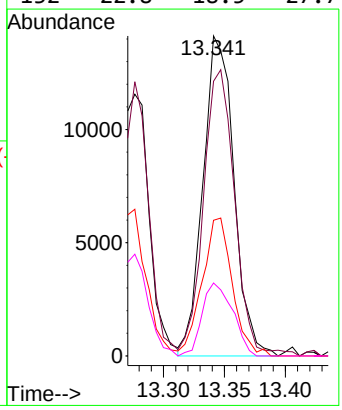
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

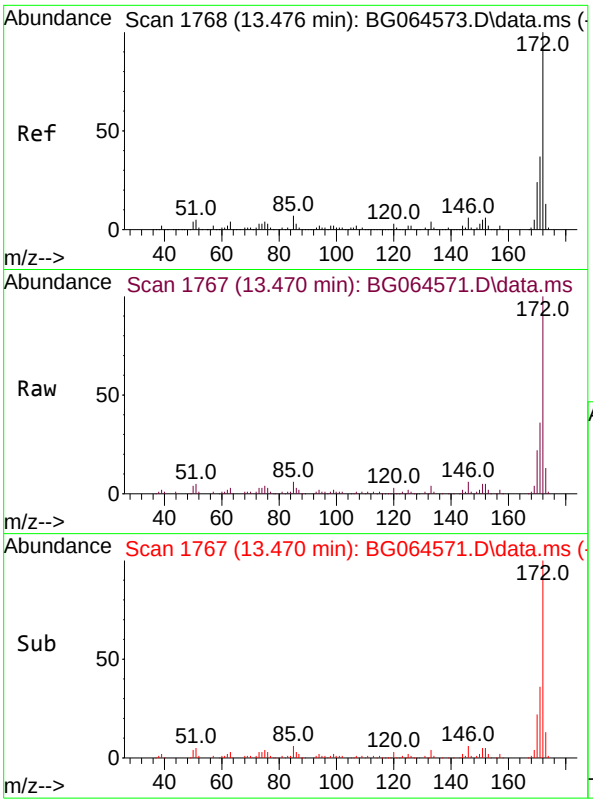


#44
2,4,5-Trichlorophenol
Concen: 9.584 ng
RT: 13.341 min Scan# 1745
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:196 Resp: 24973

Ion	Ratio	Lower	Upper
196	100		
198	85.8	74.2	111.4
97	42.4	37.0	55.6
132	22.8	18.5	27.7

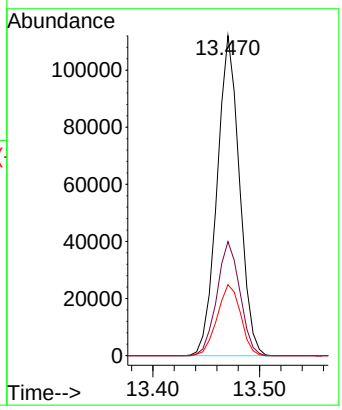




#45
2-Fluorobiphenyl
Concen: 21.050 ng
RT: 13.470 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:172 Resp: 16334

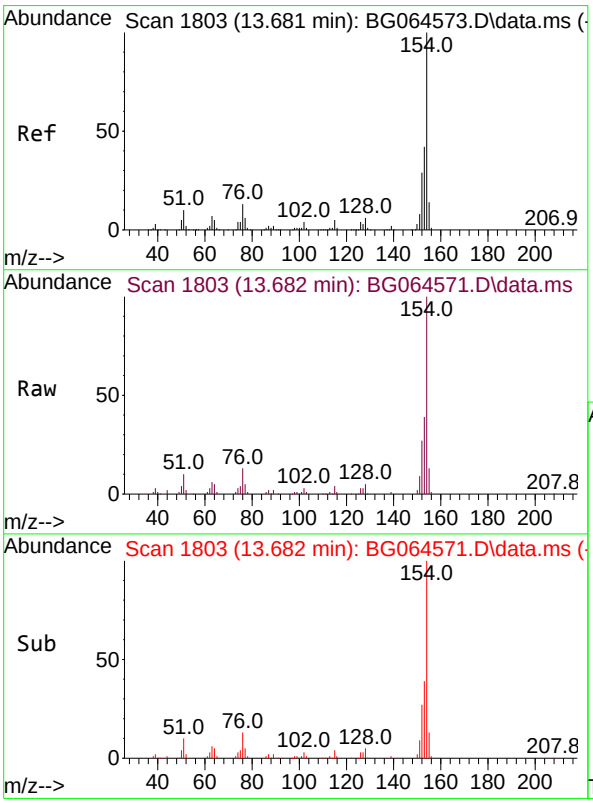
Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.4	44.0
170	22.2	19.1	28.7



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

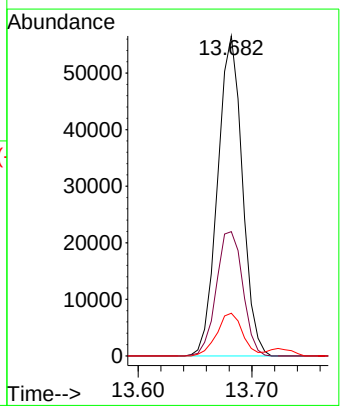
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

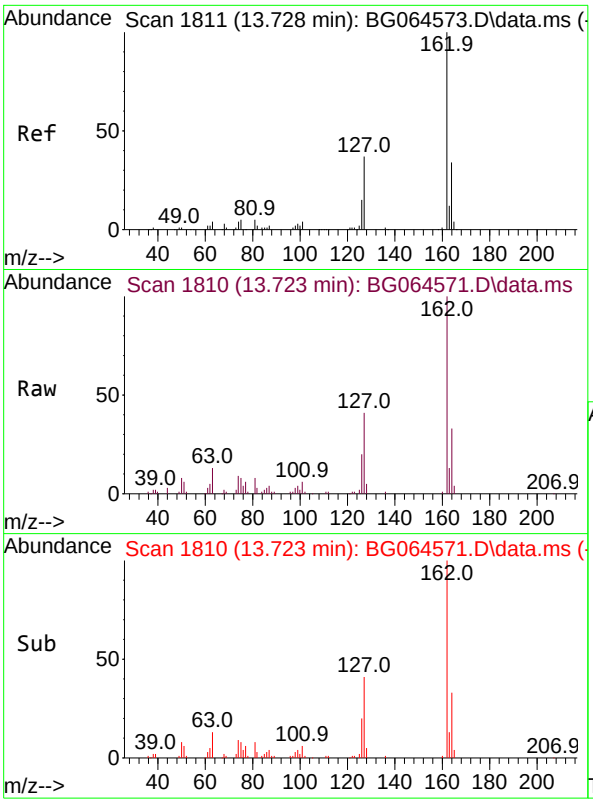


#46
1,1'-Biphenyl
Concen: 10.200 ng
RT: 13.682 min Scan# 1803
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:154 Resp: 85287

Ion	Ratio	Lower	Upper
154	100		
153	38.8	22.4	62.4
76	13.3	0.0	33.5

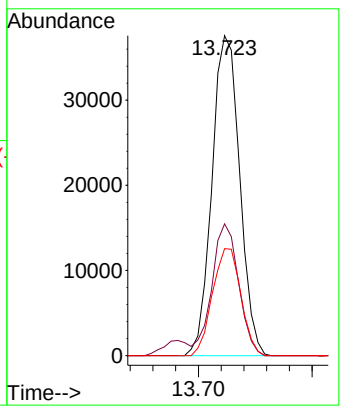




#47
2-Chloronaphthalene
Concen: 10.081 ng
RT: 13.723 min Scan# 18
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:162 Resp: 6363

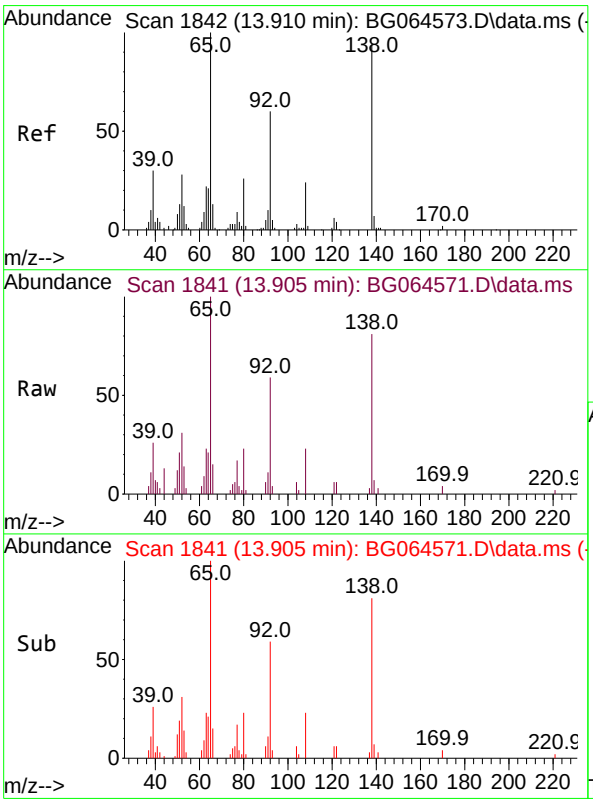
Ion	Ratio	Lower	Upper
162	100		
127	41.2	32.2	48.2
164	33.4	27.5	41.3



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

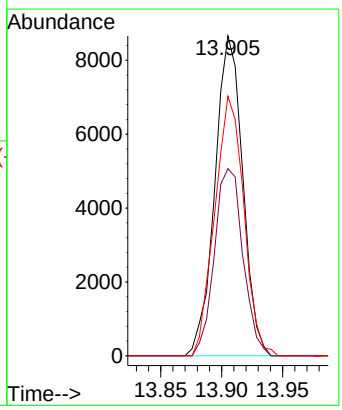
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

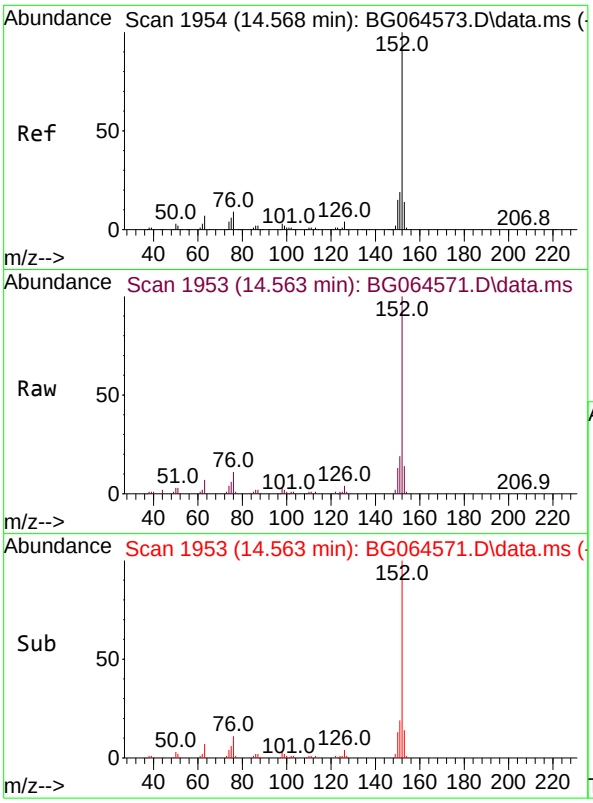


#48
2-Nitroaniline
Concen: 9.284 ng
RT: 13.905 min Scan# 1841
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion: 65 Resp: 13764

Ion	Ratio	Lower	Upper
65	100		
92	58.5	48.3	72.5
138	81.1	74.9	112.3

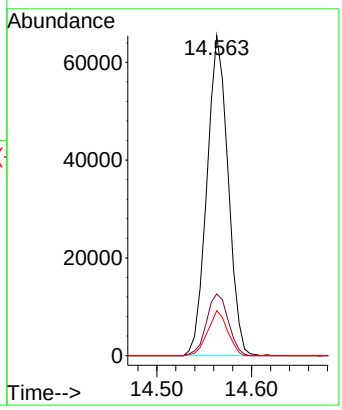




#49
Acenaphthylene
Concen: 10.198 ng
RT: 14.563 min Scan# 19
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:152 Resp: 10152

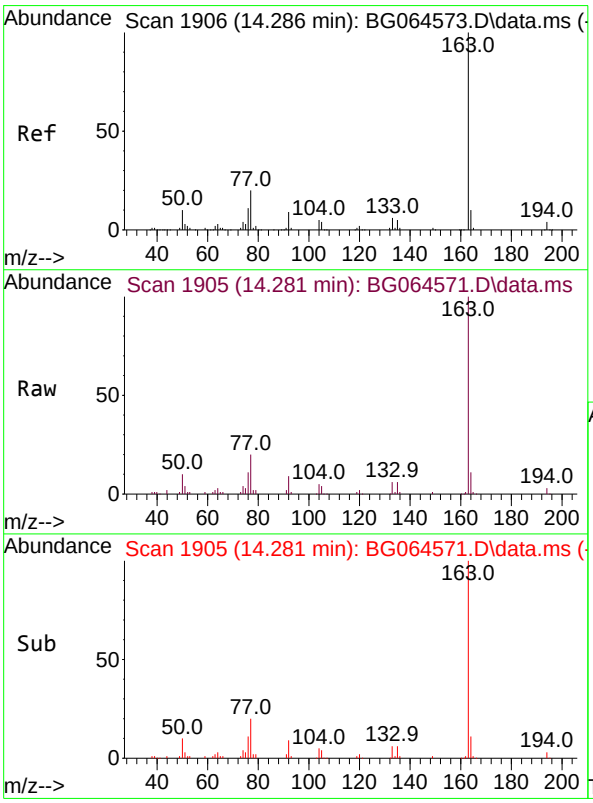
Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.2
153	14.0	11.0	16.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

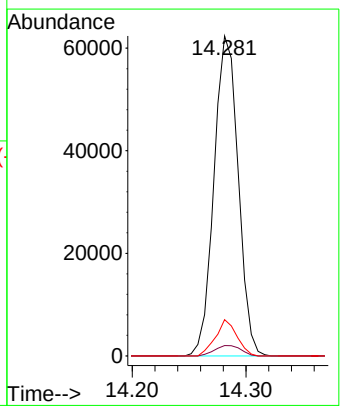
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

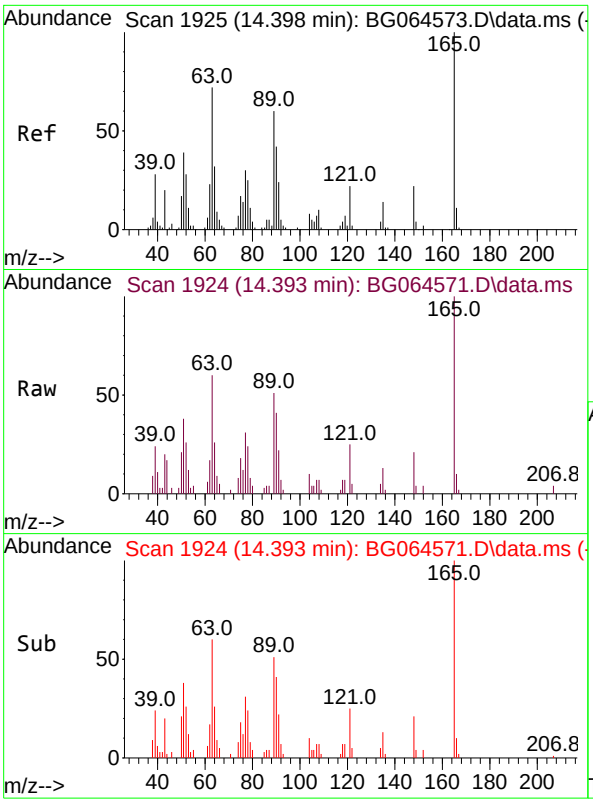


#50
Dimethylphthalate
Concen: 10.256 ng
RT: 14.281 min Scan# 1905
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:163 Resp: 92308

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	11.3	7.7	11.5





#51
2,6-Dinitrotoluene
Concen: 9.857 ng
RT: 14.393 min Scan# 19
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

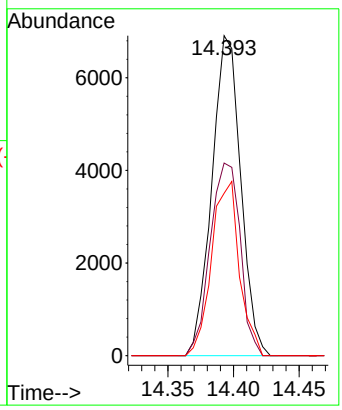
Tgt Ion:165 Resp: 10601

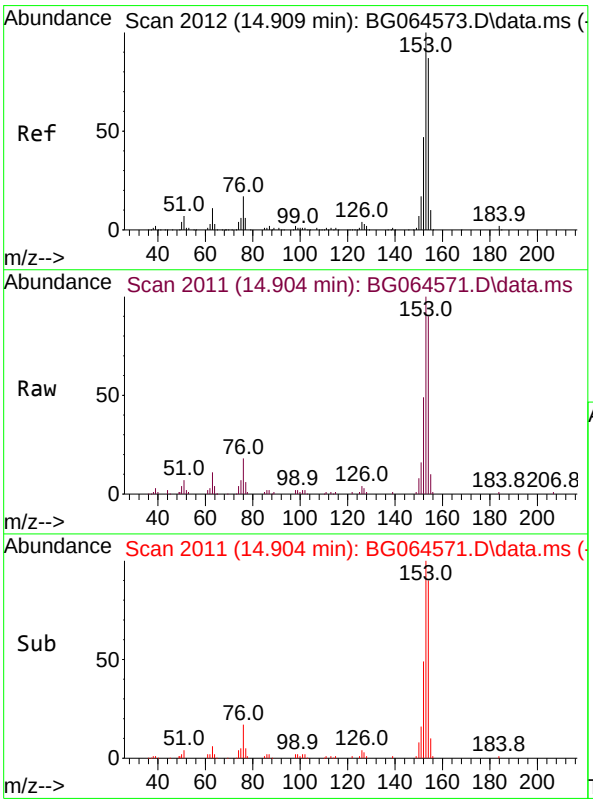
Ion	Ratio	Lower	Upper
165	100		
63	60.2	57.4	86.0
89	50.8	47.8	71.8

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

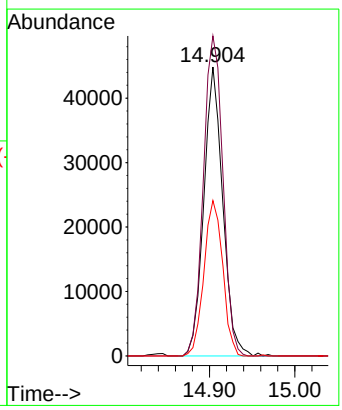


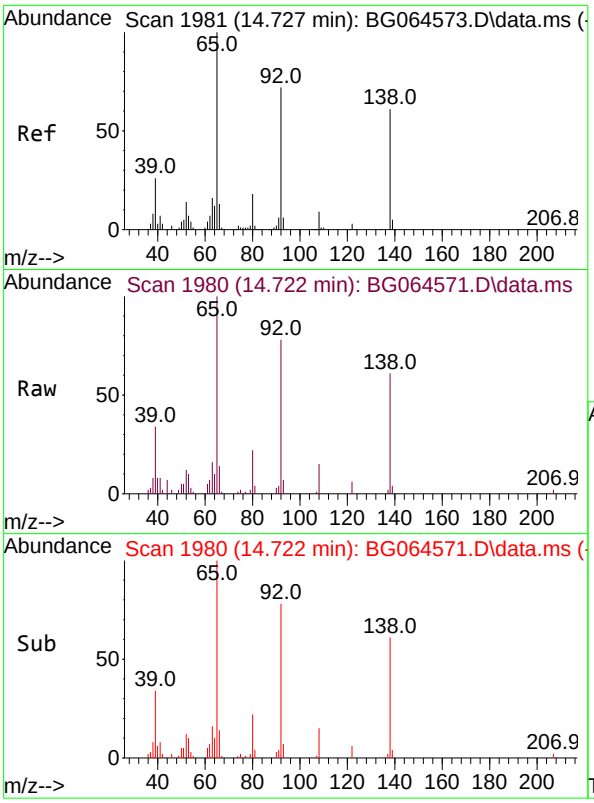


#52
Acenaphthene
Concen: 10.184 ng
RT: 14.904 min Scan# 2011
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:154 Resp: 69273

Ion	Ratio	Lower	Upper
154	100		
153	110.8	92.2	138.4
152	53.8	43.2	64.8

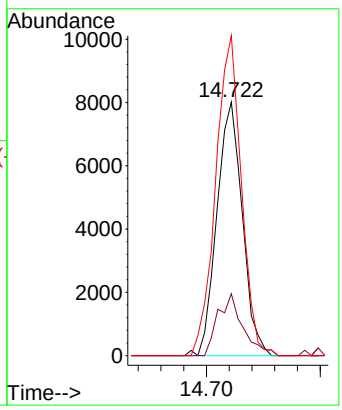




#53
3-Nitroaniline
Concen: 8.026 ng
RT: 14.722 min Scan# 19
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:138 Resp: 1241

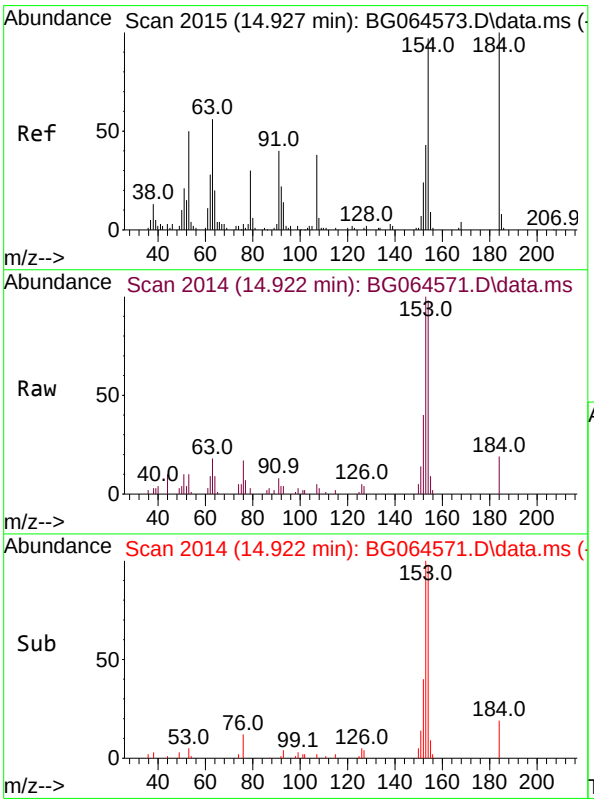
Ion	Ratio	Lower	Upper
138	100		
108	24.4	11.4	17.0#
92	126.2	95.3	142.9



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

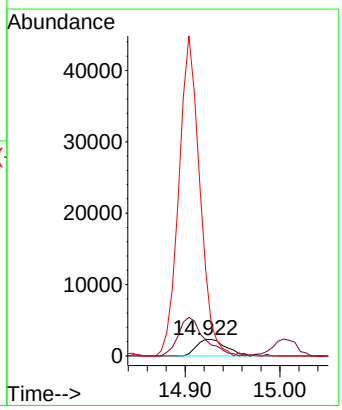
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

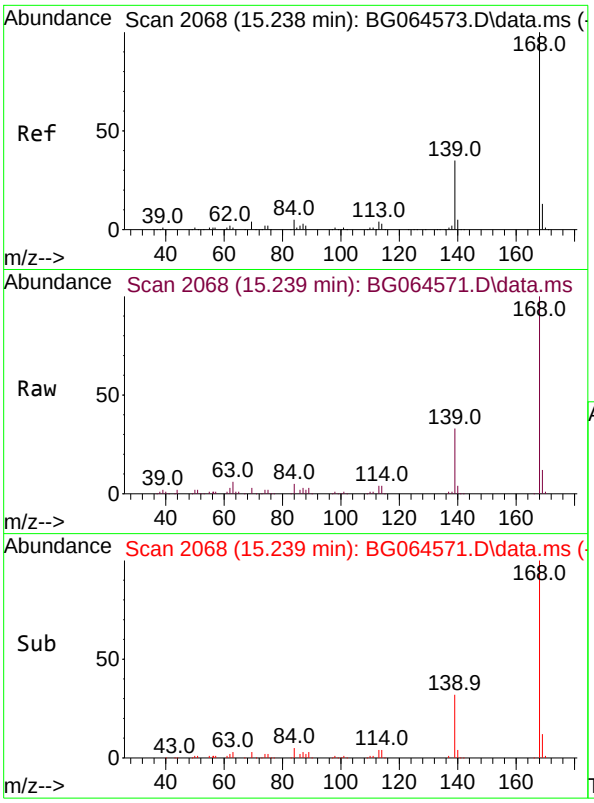


#54
2,4-Dinitrophenol
Concen: 10.760 ng
RT: 14.922 min Scan# 2014
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:184 Resp: 5082

Ion	Ratio	Lower	Upper
184	100		
63	95.9	56.6	85.0#
154	514.8	158.6	238.0#

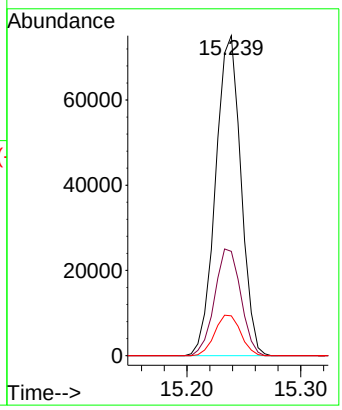




#55
Dibenzofuran
Concen: 10.548 ng
RT: 15.239 min Scan# 20
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:168 Resp: 11599

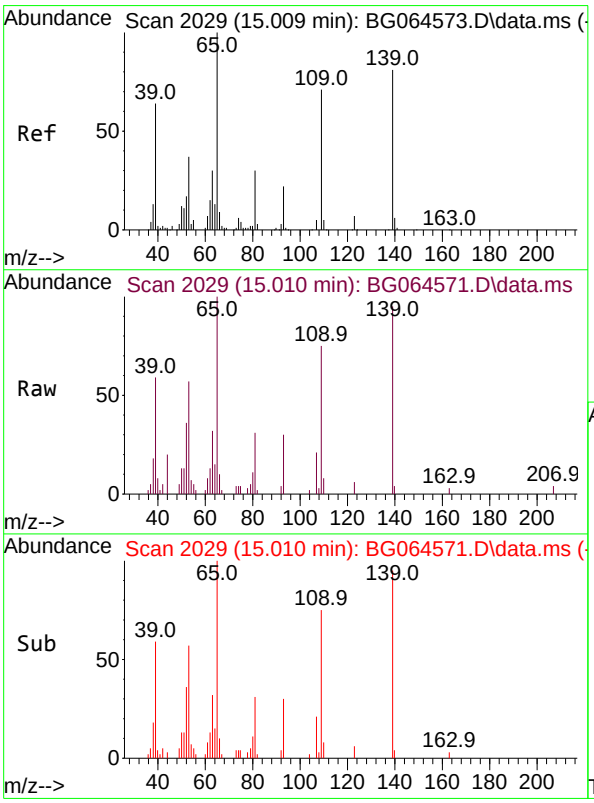
Ion	Ratio	Lower	Upper
168	100		
139	32.6	27.8	41.8
169	12.4	10.3	15.5



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

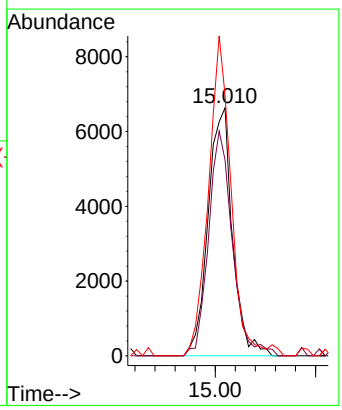
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

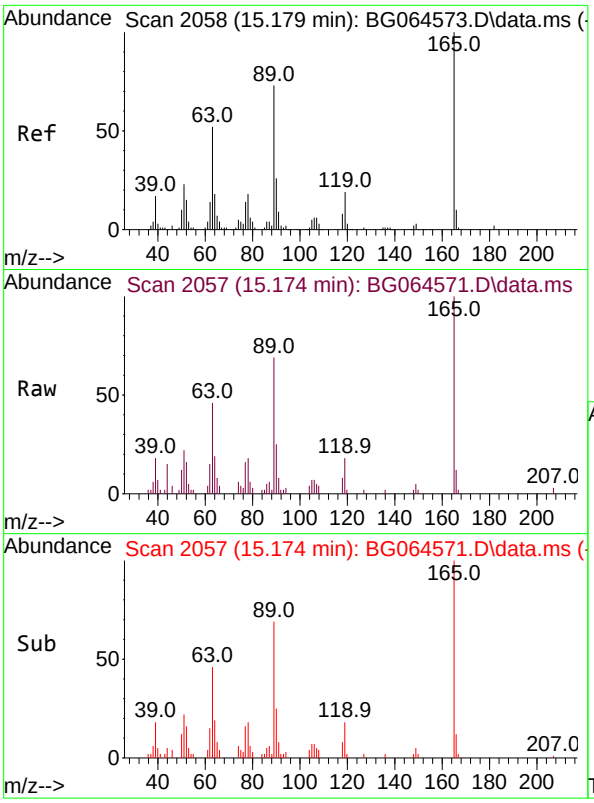


#56
4-Nitrophenol
Concen: 7.815 ng
RT: 15.010 min Scan# 2029
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:139 Resp: 11207

Ion	Ratio	Lower	Upper
139	100		
109	78.9	67.8	107.8
65	105.0	103.7	143.7

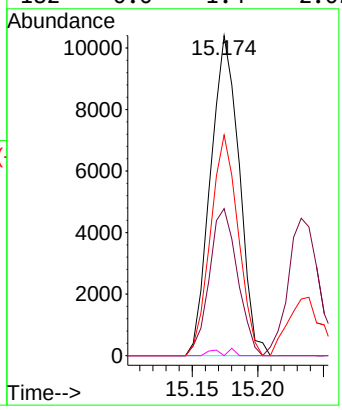




#57
2,4-Dinitrotoluene
Concen: 9.494 ng
RT: 15.174 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:165 Resp: 1579

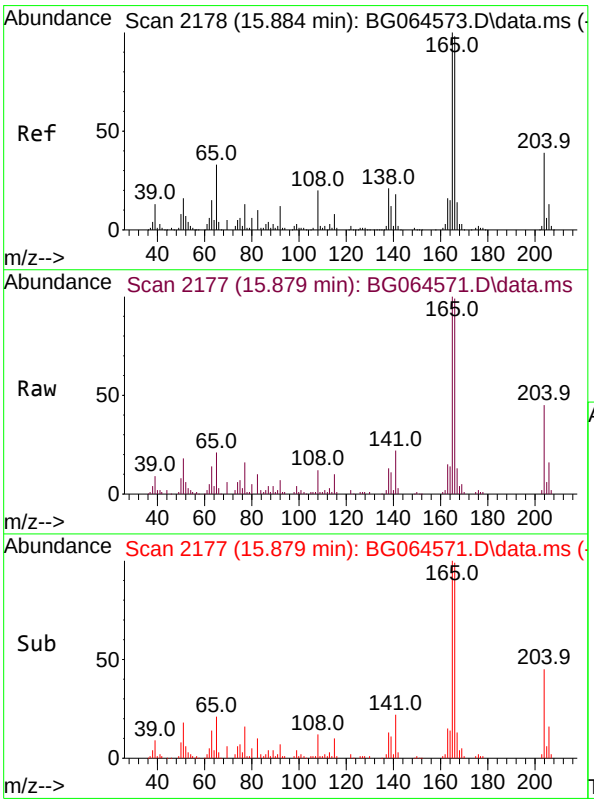
Ion	Ratio	Lower	Upper
165	100		
63	45.9	41.8	62.8
89	68.9	58.1	87.1
182	0.0	1.4	2.0#



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

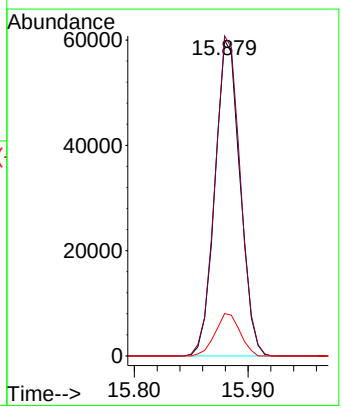
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

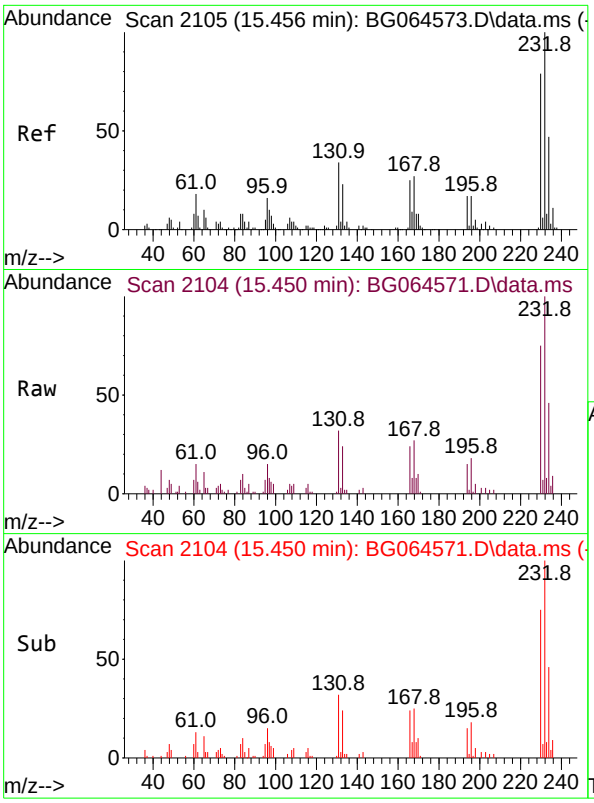


#58
Fluorene
Concen: 10.679 ng
RT: 15.879 min Scan# 2177
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:166 Resp: 91712

Ion	Ratio	Lower	Upper
166	100		
165	101.4	81.5	122.3
167	13.4	11.4	17.0

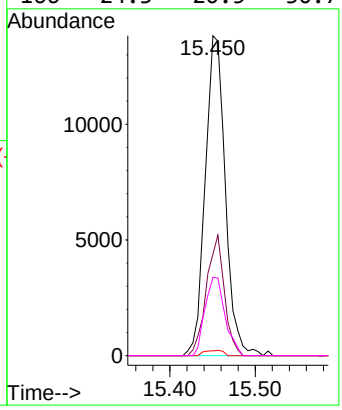




#59
2,3,4,6-Tetrachlorophenol
Concen: 9.088 ng
RT: 15.450 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:232 Resp: 2264

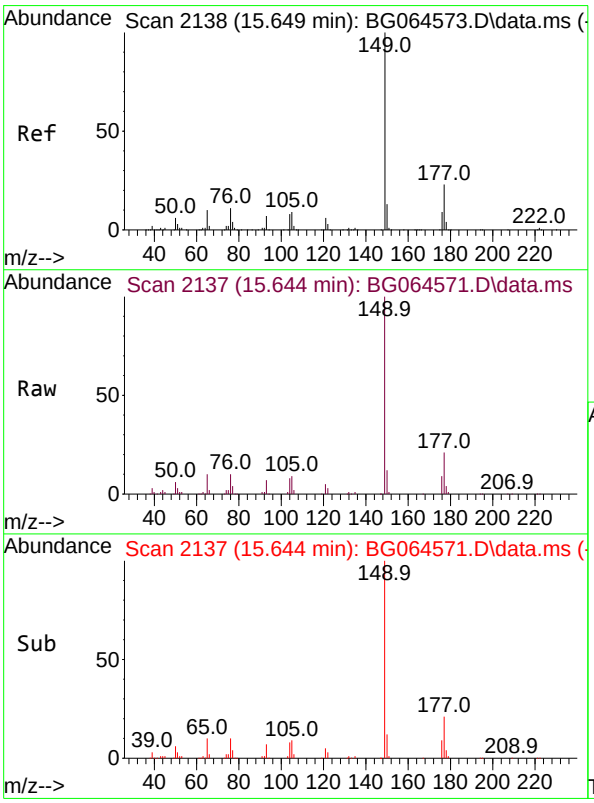
Ion	Ratio	Lower	Upper
232	100		
131	33.5	26.7	40.1
130	1.5	1.6	2.4#
166	24.3	20.5	30.7



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

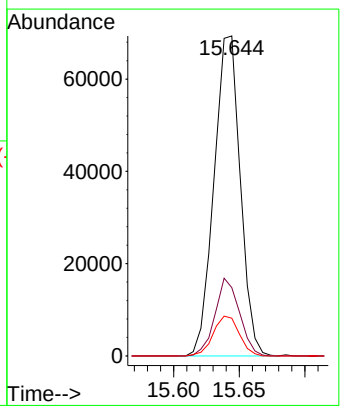
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

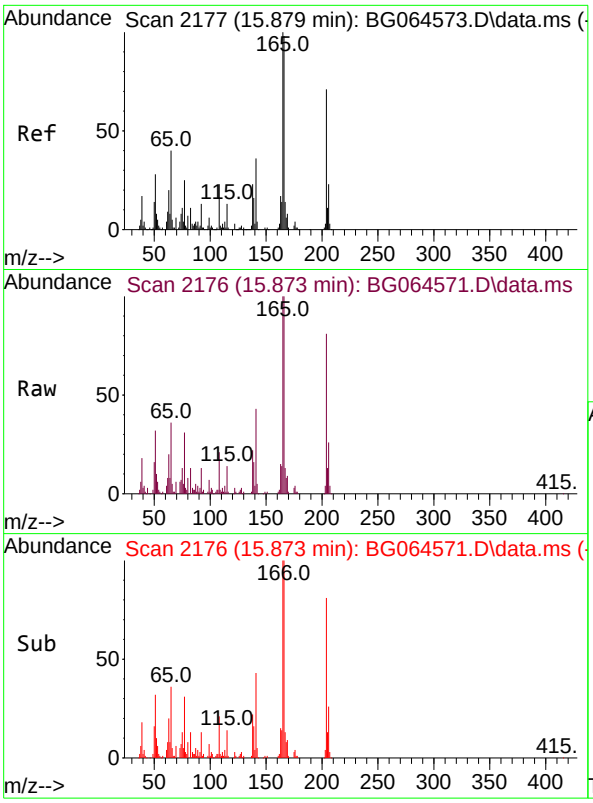


#60
Diethylphthalate
Concen: 10.525 ng
RT: 15.644 min Scan# 2137
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:149 Resp: 96719

Ion	Ratio	Lower	Upper
149	100		
177	21.3	18.0	27.0
150	11.8	10.2	15.4

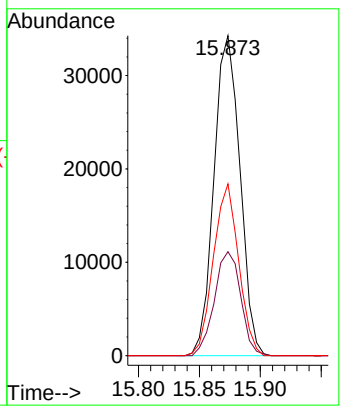




#61
4-Chlorophenyl-phenylether
Concen: 10.544 ng
RT: 15.873 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:204 Resp: 5081

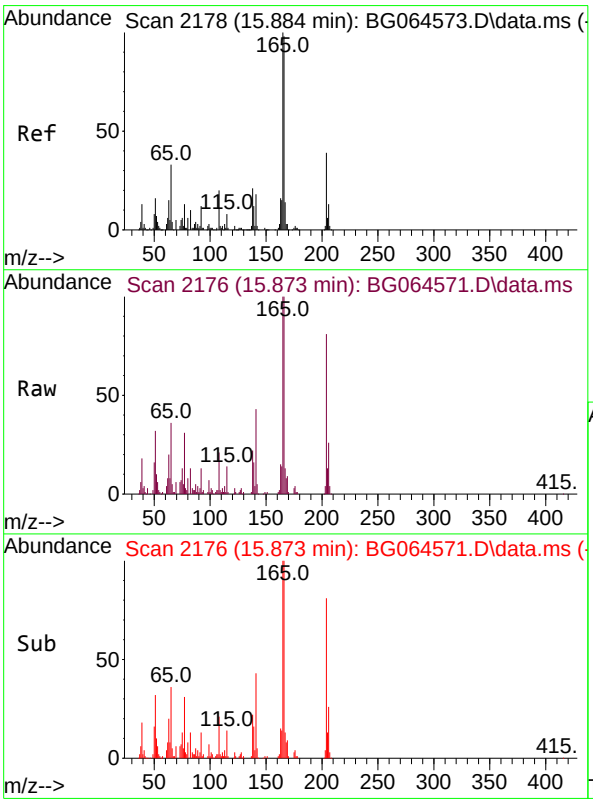
Ion	Ratio	Lower	Upper
204	100		
206	32.5	25.6	38.4
141	53.7	40.6	60.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

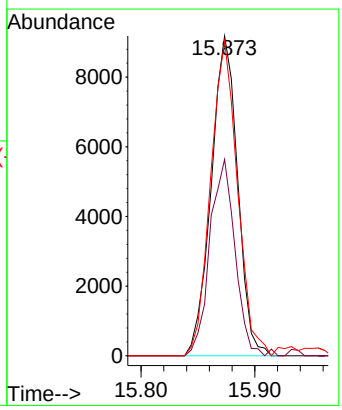
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

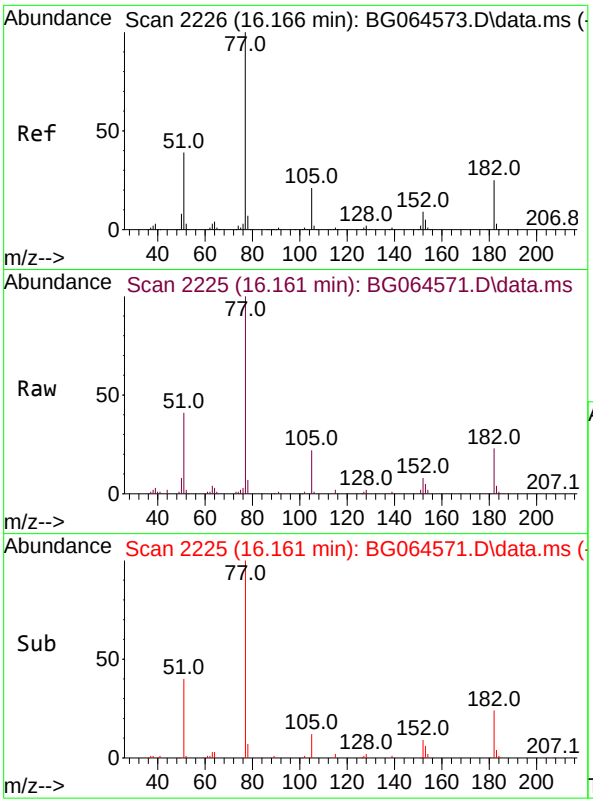


#62
4-Nitroaniline
Concen: 8.612 ng
RT: 15.873 min Scan# 2176
Delta R.T. -0.011 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:138 Resp: 14819

Ion	Ratio	Lower	Upper
138	100		
92	61.4	36.1	76.1
108	98.5	75.6	115.6

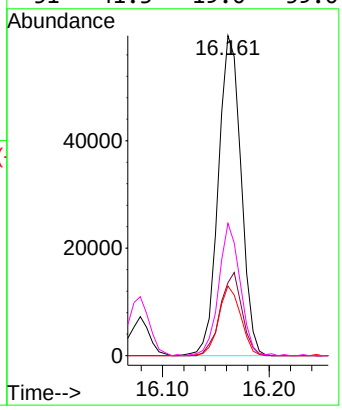




#63
Azobenzene
Concen: 10.489 ng
RT: 16.161 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion: 77 Resp: 8844

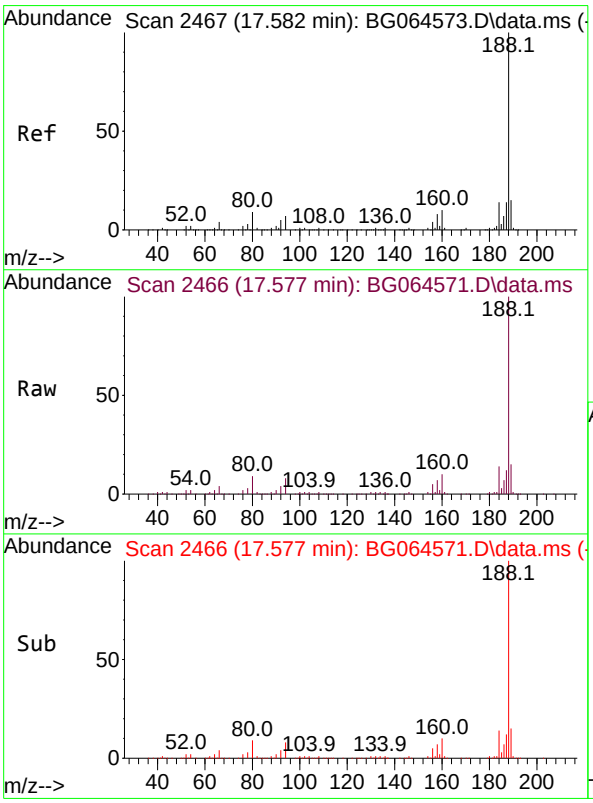
Ion	Ratio	Lower	Upper
77	100		
182	22.8	4.9	44.9
105	21.7	1.3	41.3
51	41.3	19.0	59.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

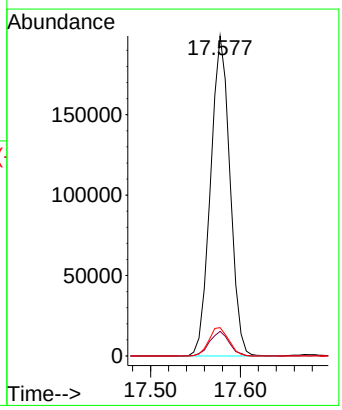
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

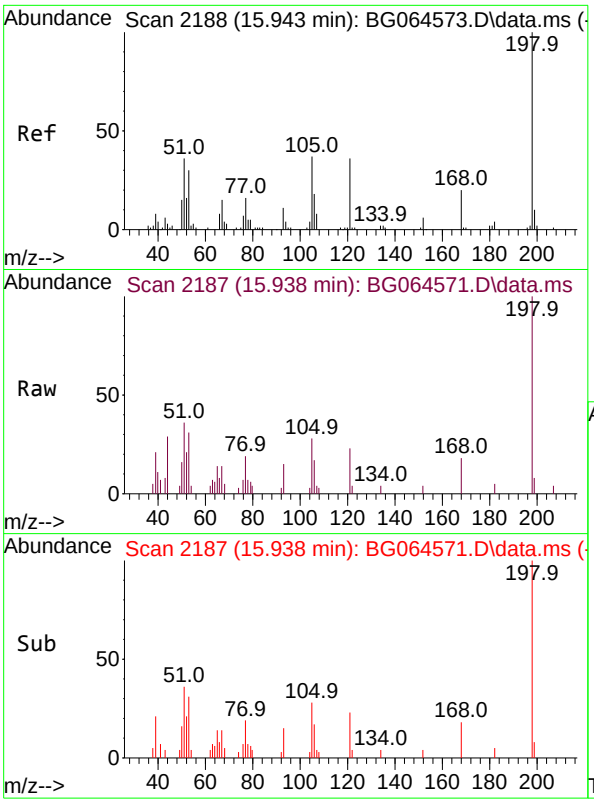


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.577 min Scan# 2466
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:188 Resp: 300549

Ion	Ratio	Lower	Upper
188	100		
94	7.7	5.7	8.5
80	8.8	6.8	10.2

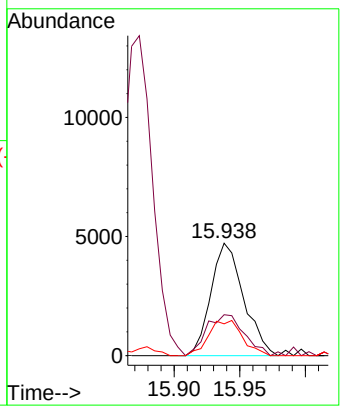




#65
4,6-Dinitro-2-methylphenol
Concen: 10.919 ng
RT: 15.938 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:198 Resp: 819

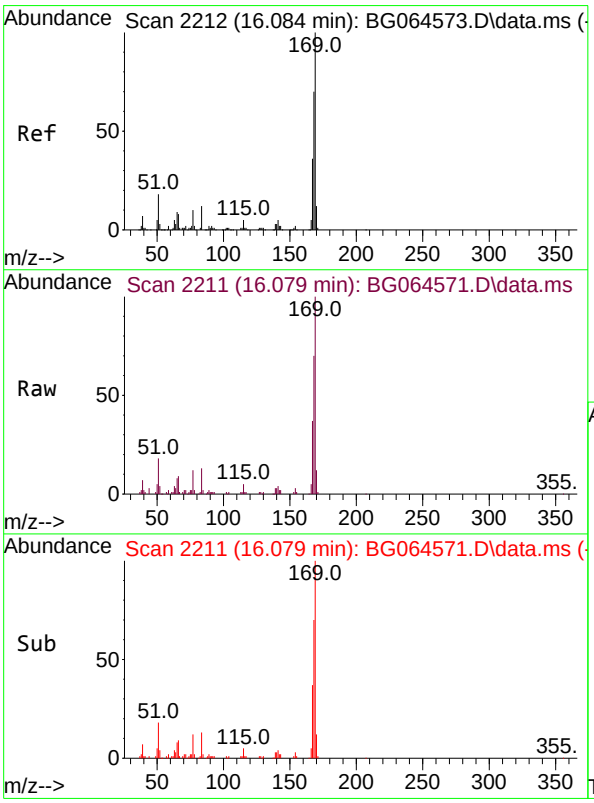
Ion	Ratio	Lower	Upper
198	100		
51	36.4	24.7	64.7
105	28.3	18.0	58.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

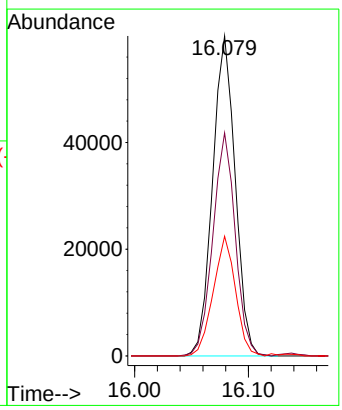
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

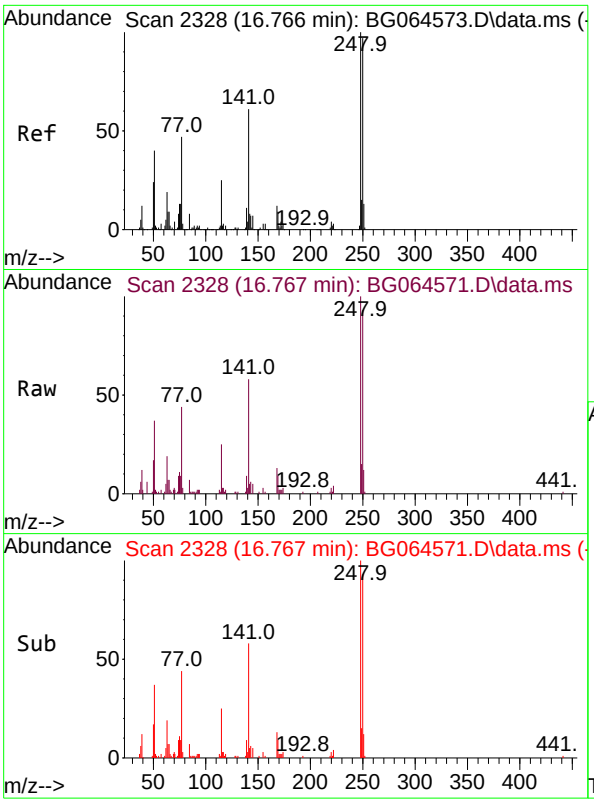


#66
n-Nitrosodiphenylamine
Concen: 10.197 ng
RT: 16.079 min Scan# 2211
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:169 Resp: 82787

Ion	Ratio	Lower	Upper
169	100		
168	69.7	56.3	84.5
167	37.4	29.0	43.6

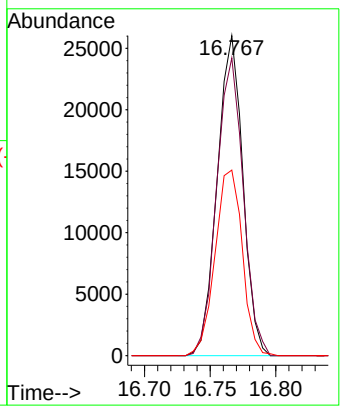




#67
4-Bromophenyl-phenylether
Concen: 9.949 ng
RT: 16.767 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:248 Resp: 3543

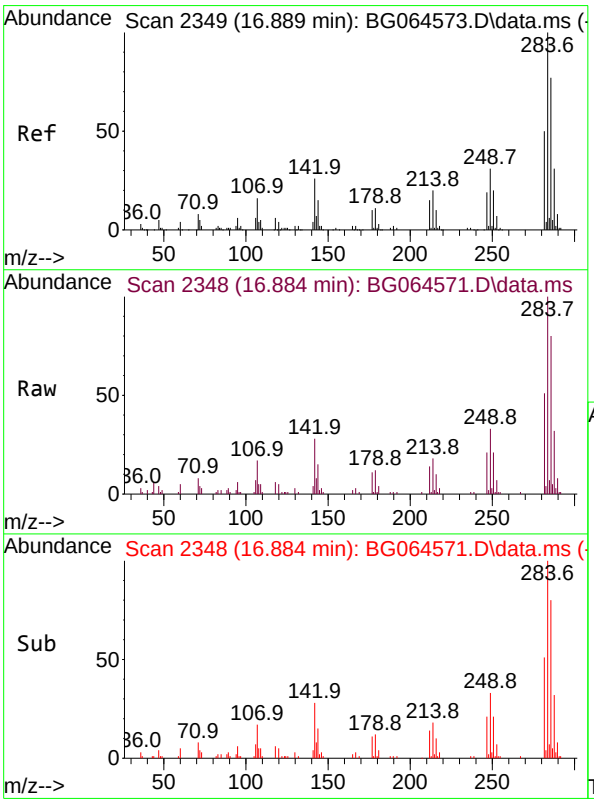
Ion	Ratio	Lower	Upper
248	100		
250	93.0	77.7	116.5
141	58.0	48.6	72.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

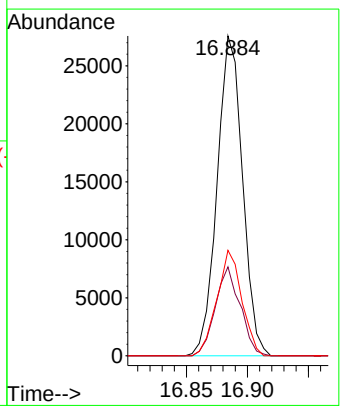
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

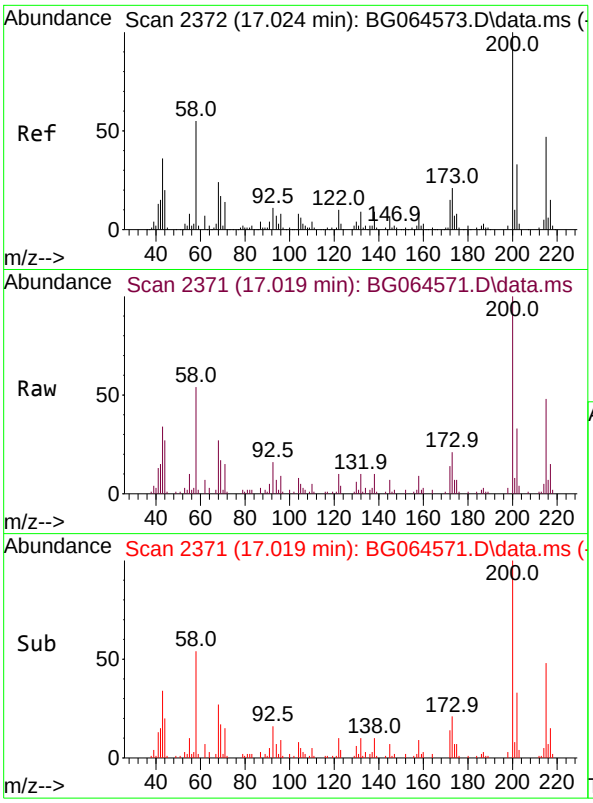


#68
Hexachlorobenzene
Concen: 9.838 ng
RT: 16.884 min Scan# 2348
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:284 Resp: 39975

Ion	Ratio	Lower	Upper
284	100		
142	27.8	21.0	31.6
249	35.9	24.9	37.3

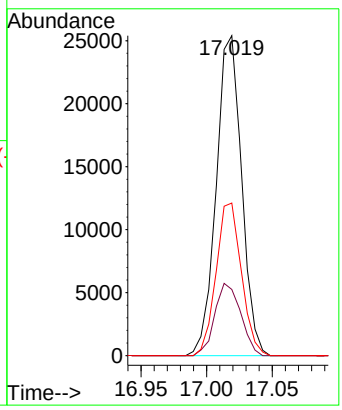




#69
Atrazine
Concen: 9.785 ng
RT: 17.019 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:200 Resp: 3418

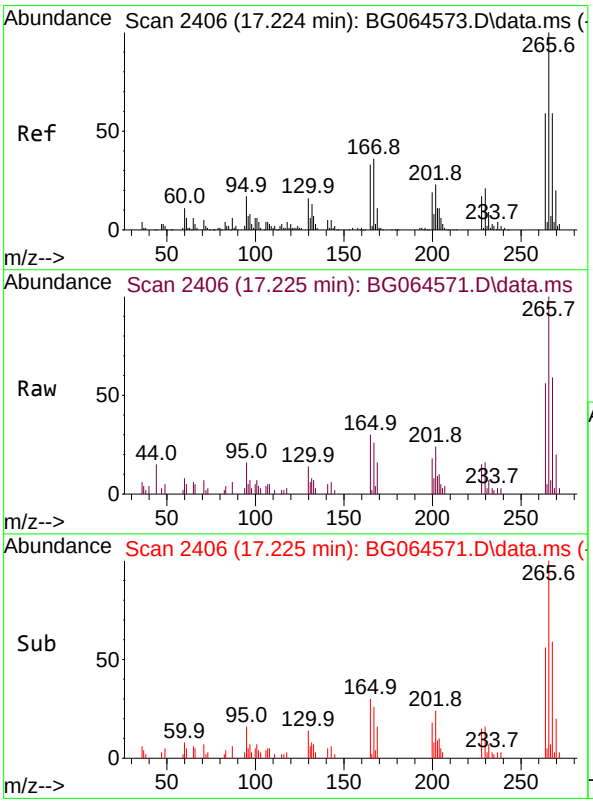
Ion	Ratio	Lower	Upper
200	100		
173	20.7	0.9	40.9
215	47.7	27.0	67.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

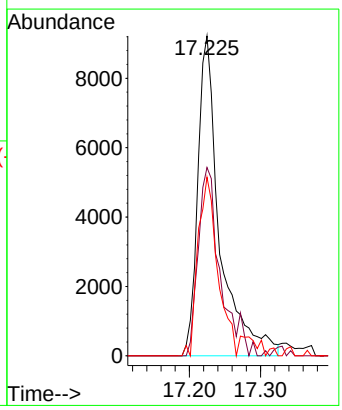
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

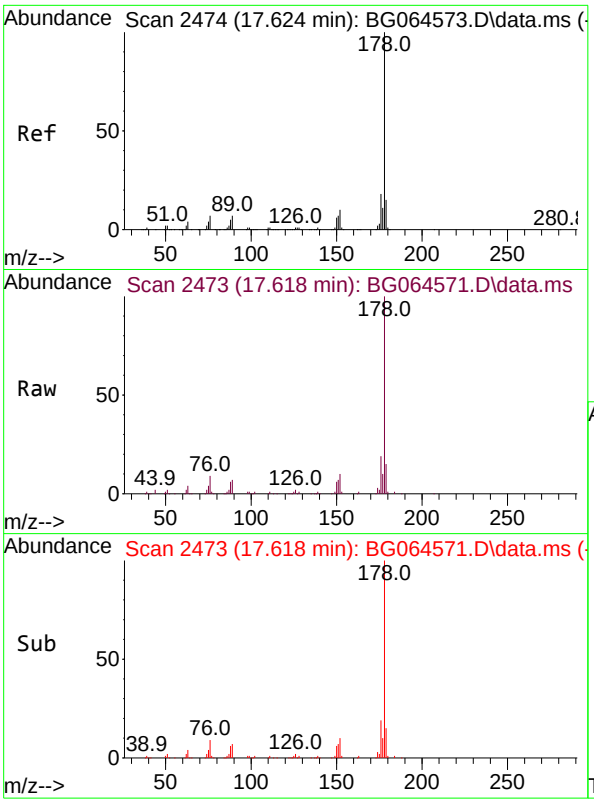


#70
Pentachlorophenol
Concen: 7.838 ng
RT: 17.225 min Scan# 2406
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:266 Resp: 19859

Ion	Ratio	Lower	Upper
266	100		
268	58.9	50.3	75.5
264	61.2	47.3	70.9

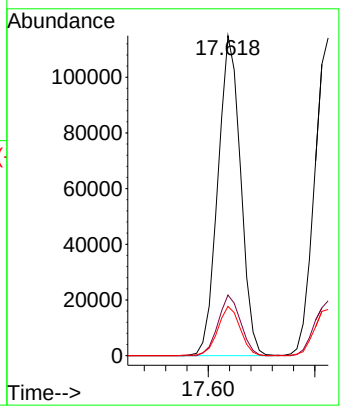




#71
Phenanthrene
Concen: 10.361 ng
RT: 17.618 min Scan# 24
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:178 Resp: 170294

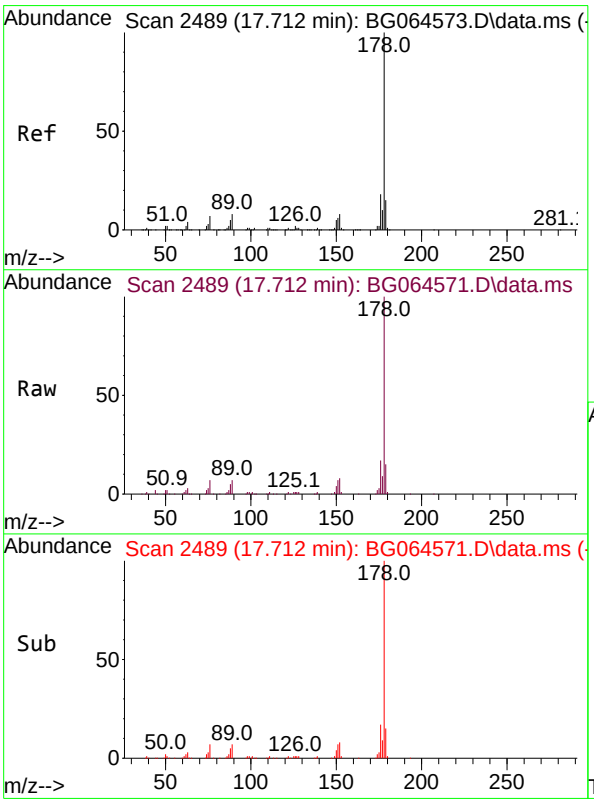
Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.7	22.1
179	15.4	12.2	18.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

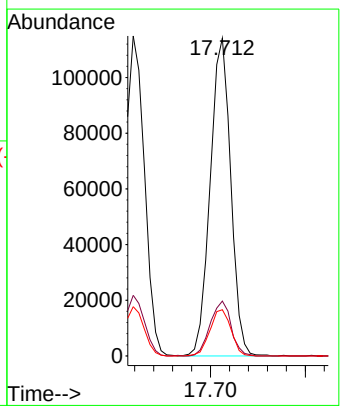
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

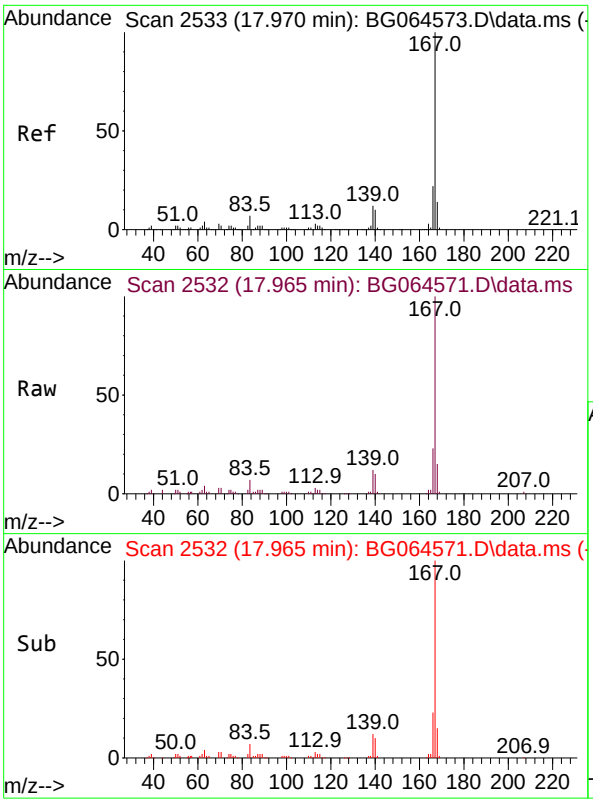


#72
Anthracene
Concen: 10.279 ng
RT: 17.712 min Scan# 2489
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:178 Resp: 171860

Ion	Ratio	Lower	Upper
178	100		
176	17.2	14.4	21.6
179	14.5	12.4	18.6

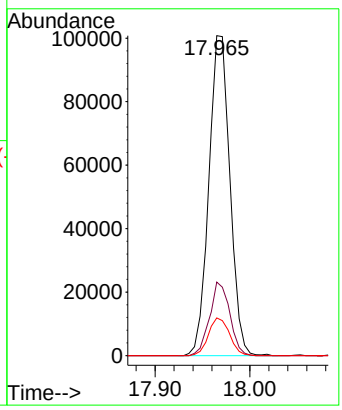




#73
Carbazole
Concen: 10.575 ng
RT: 17.965 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:167 Resp: 15590

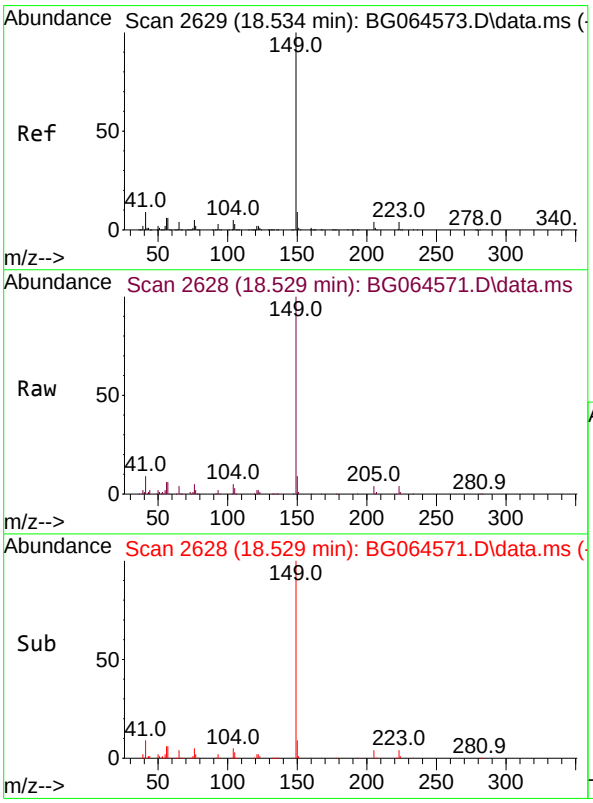
Ion	Ratio	Lower	Upper
167	100		
166	23.0	17.9	26.9
139	11.8	9.7	14.5



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

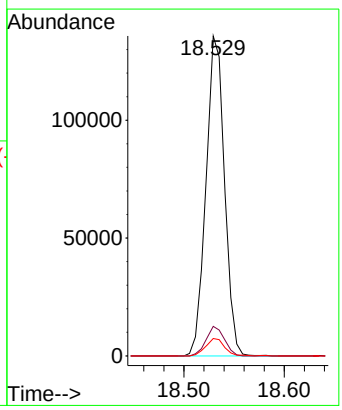
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

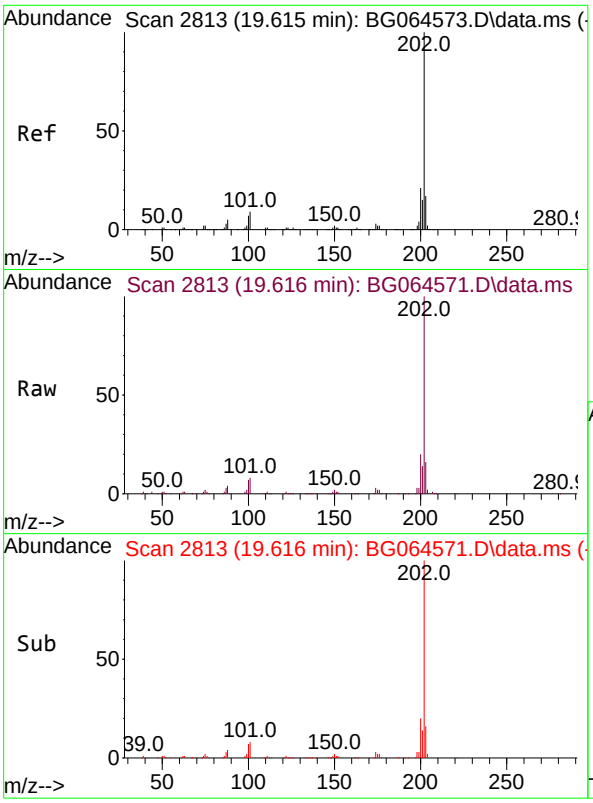


#74
Di-n-butylphthalate
Concen: 10.189 ng
RT: 18.529 min Scan# 2628
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:149 Resp: 173716

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.0	10.6
104	5.5	4.1	6.1

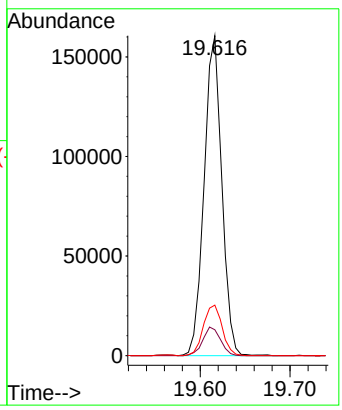




#75
Fluoranthene
Concen: 10.677 ng
RT: 19.616 min Scan# 28
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:202 Resp: 219838

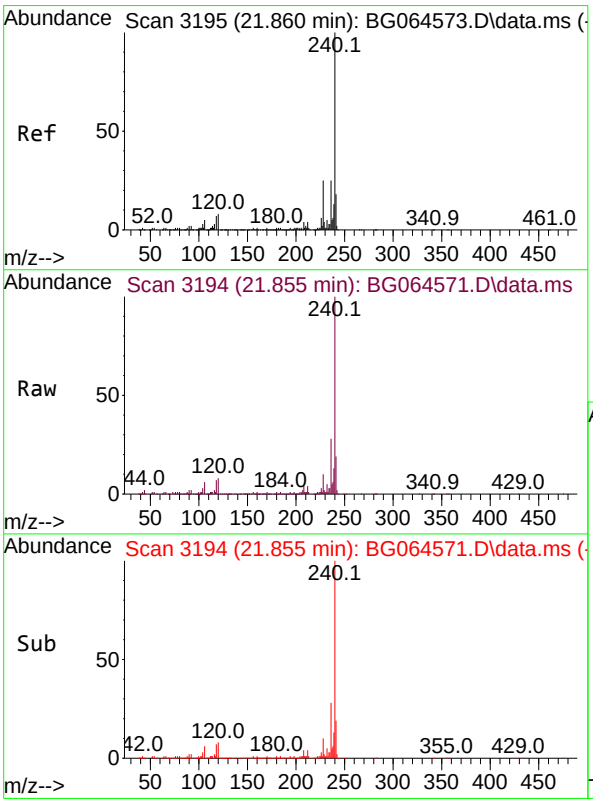
Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	28.7
203	15.8	0.0	37.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

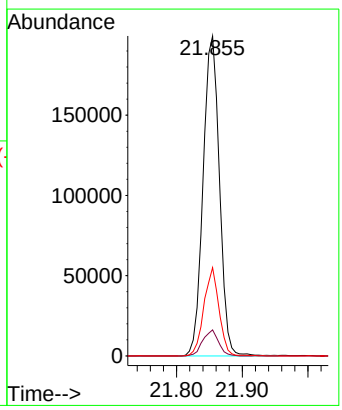
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

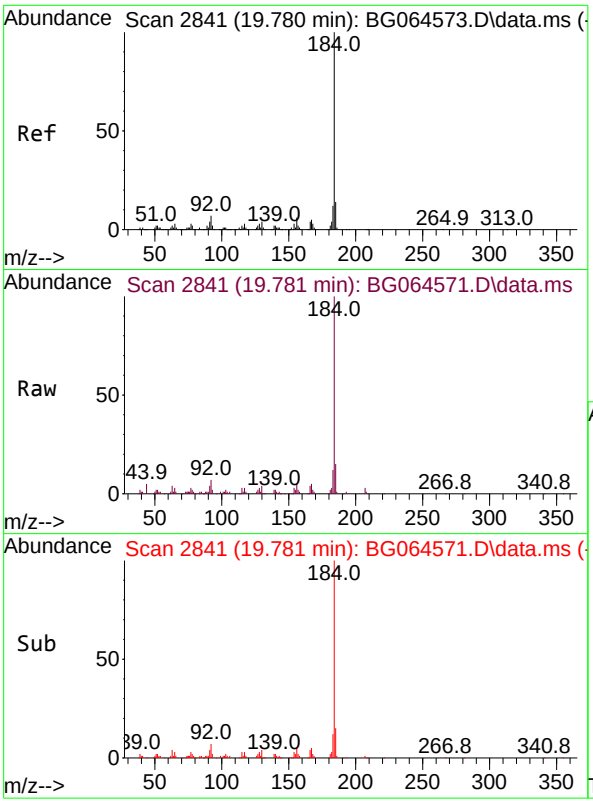


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.855 min Scan# 3194
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:240 Resp: 343958

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.5	9.7
236	27.6	20.2	30.2

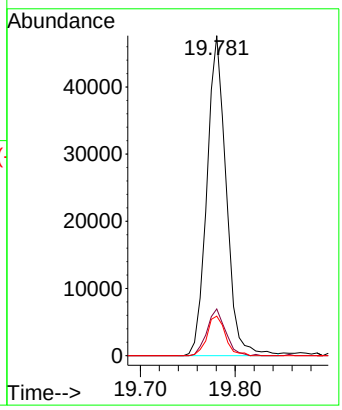




#77
Benzidine
Concen: 8.750 ng
RT: 19.781 min Scan# 28
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:184 Resp: 6742

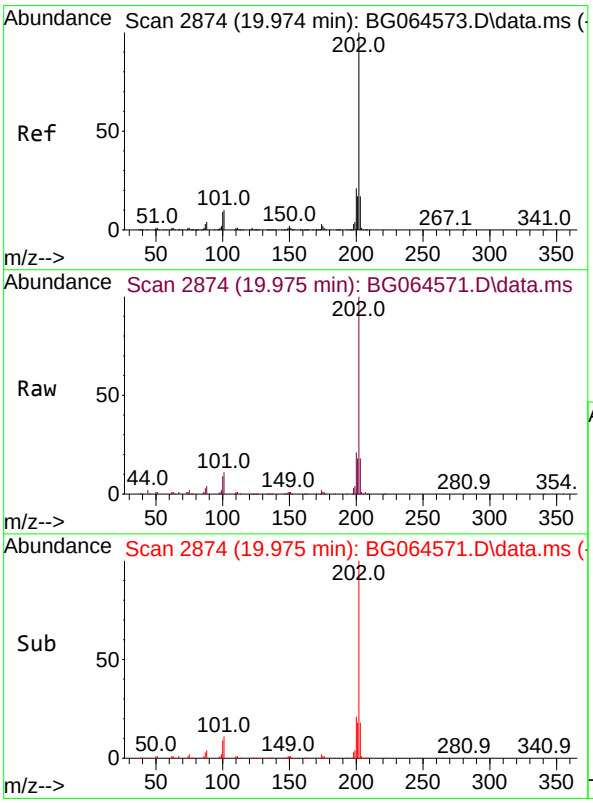
Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.4	17.2
183	12.3	9.4	14.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

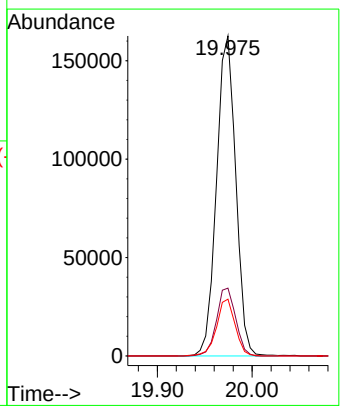
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

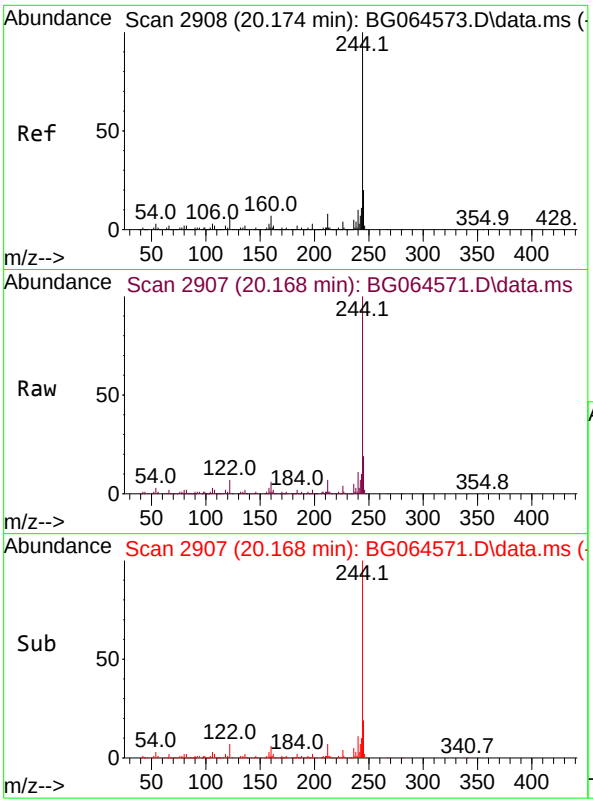


#78
Pyrene
Concen: 10.186 ng
RT: 19.975 min Scan# 2874
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:202 Resp: 228905

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	17.7	13.8	20.6

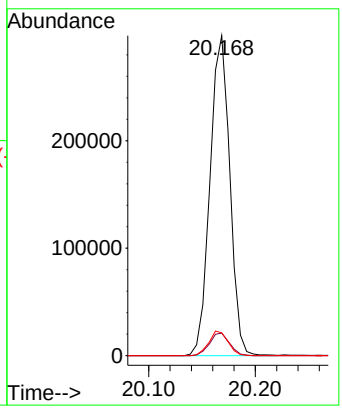




#79
Terphenyl-d14
Concen: 21.129 ng
RT: 20.168 min Scan# 29
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:244 Resp: 385094

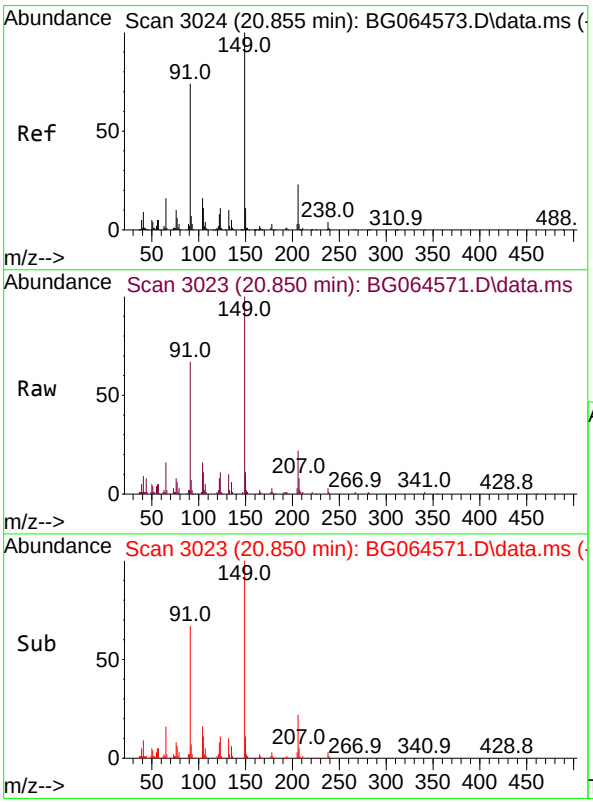
Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.1	9.1
122	7.2	5.6	8.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

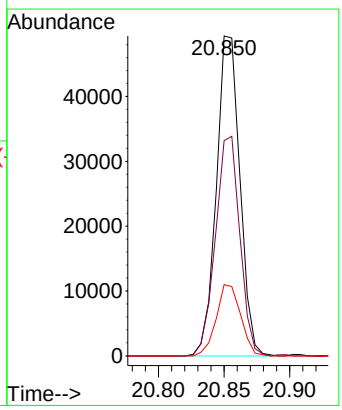
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

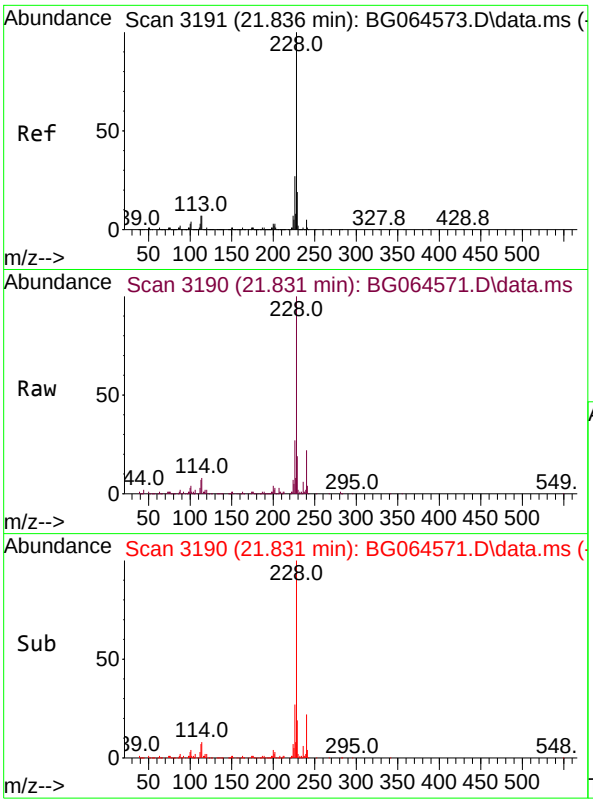


#80
Butylbenzylphthalate
Concen: 9.080 ng
RT: 20.850 min Scan# 3023
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:149 Resp: 61669

Ion	Ratio	Lower	Upper
149	100		
91	67.3	59.2	88.8
206	22.3	18.1	27.1

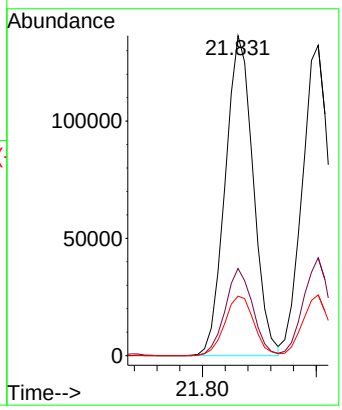




#81
Benzo(a)anthracene
Concen: 10.219 ng
RT: 21.831 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:228 Resp: 233051

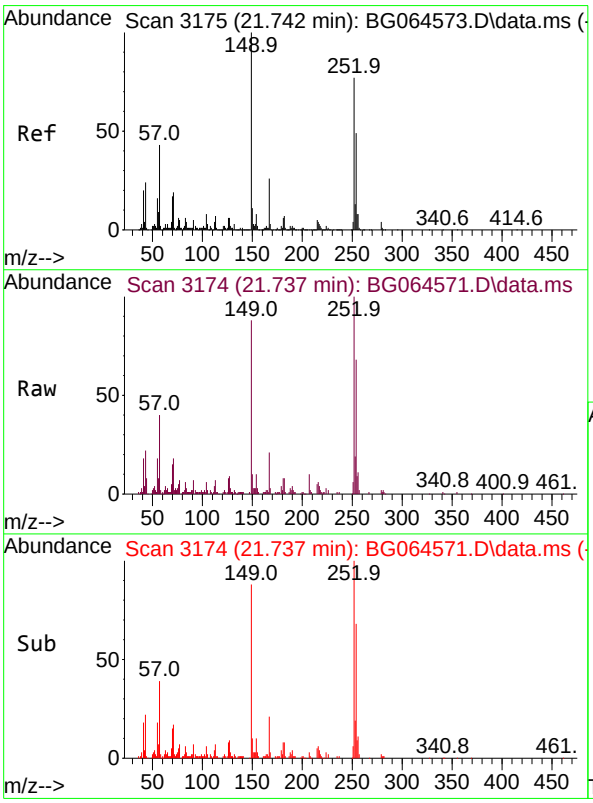
Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.9	32.9
229	18.6	15.6	23.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

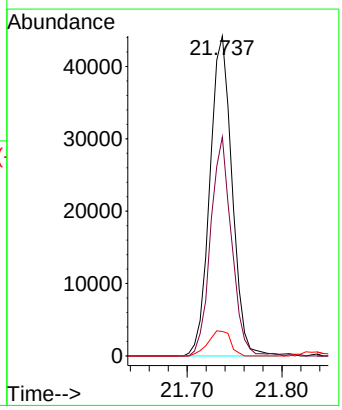
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

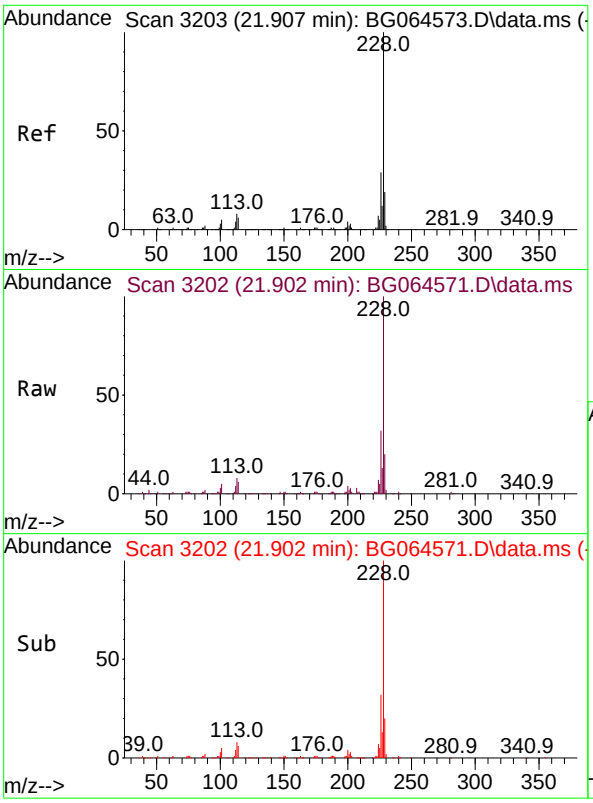


#82
3,3'-Dichlorobenzidine
Concen: 9.448 ng
RT: 21.737 min Scan# 3174
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:252 Resp: 71951

Ion	Ratio	Lower	Upper
252	100		
254	68.4	50.8	76.2
126	7.6	5.8	8.6

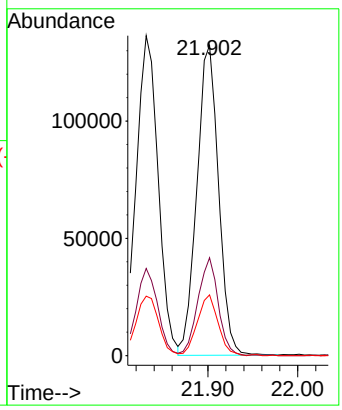




#83
Chrysene
Concen: 10.231 ng
RT: 21.902 min Scan# 3
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:228 Resp: 22201

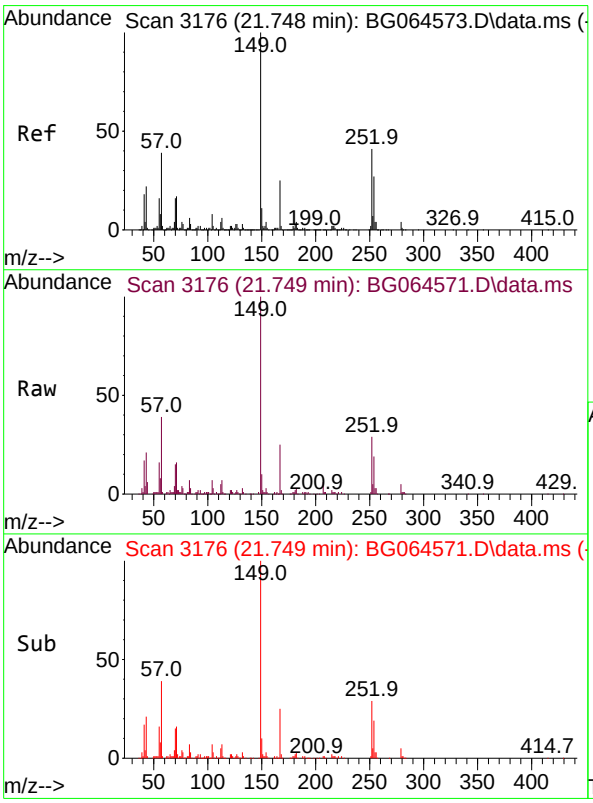
Ion	Ratio	Lower	Upper
228	100		
226	31.5	23.3	34.9
229	19.6	15.2	22.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

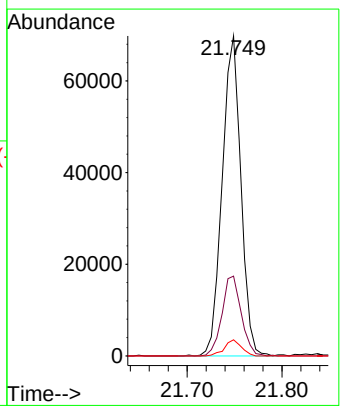
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

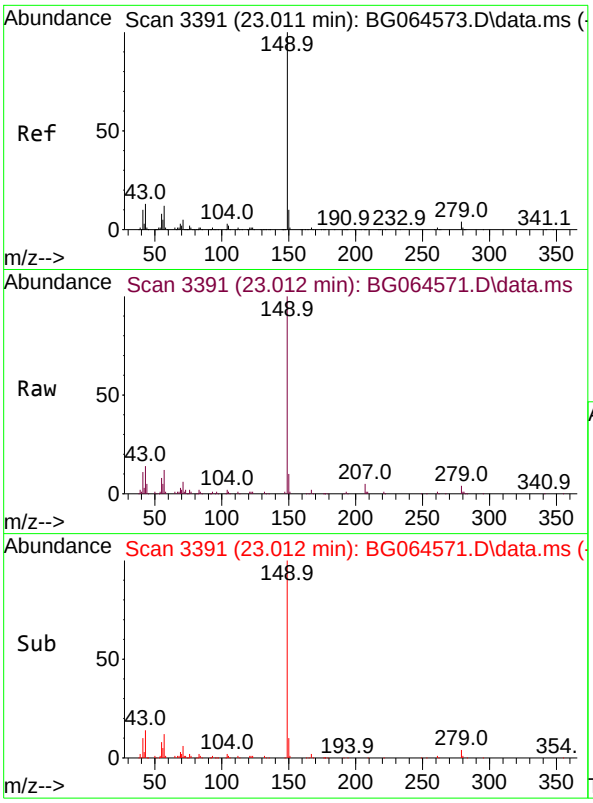


#84
Bis(2-ethylhexyl)phthalate
Concen: 9.410 ng
RT: 21.749 min Scan# 3176
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:149 Resp: 95500

Ion	Ratio	Lower	Upper
149	100		
167	24.9	20.0	30.0
279	5.0	3.1	4.7#

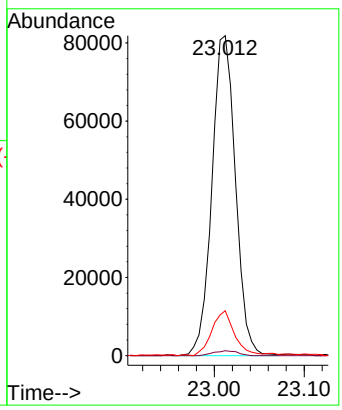




#85
Di-n-octyl phthalate
Concen: 8.759 ng
RT: 23.012 min Scan# 3
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:149 Resp: 14987

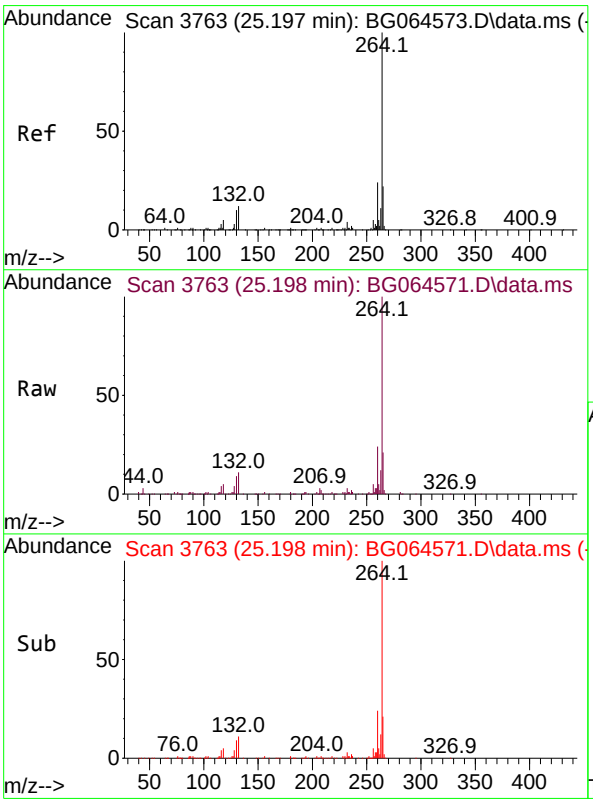
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	12.9	10.8	16.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

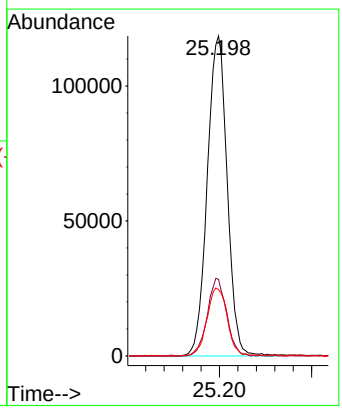
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

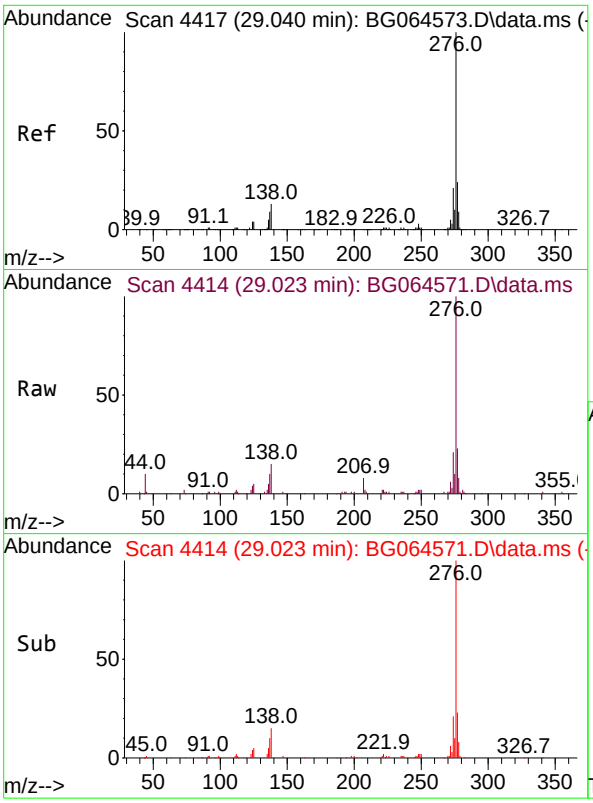


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.198 min Scan# 3763
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:264 Resp: 354939

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.4
265	20.7	17.6	26.4

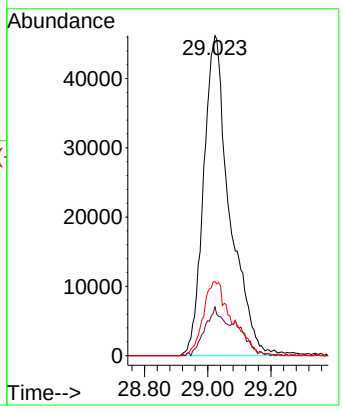




#87
Indeno(1,2,3-cd)pyrene
Concen: 10.132 ng
RT: 29.023 min Scan# 44
Delta R.T. -0.017 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:276 Resp: 26454

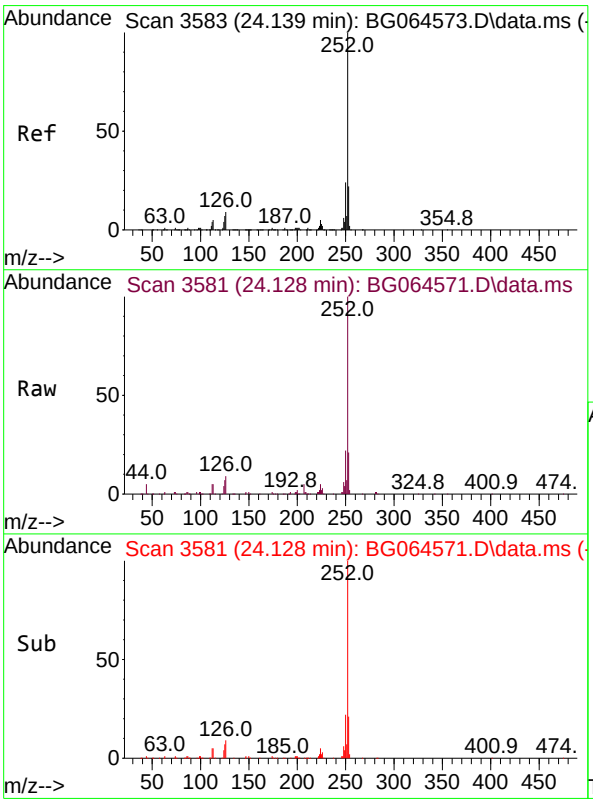
Ion	Ratio	Lower	Upper
276	100		
138	11.8	10.8	16.2
277	20.9	20.1	30.1



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

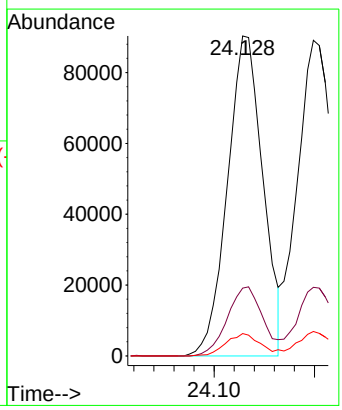
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

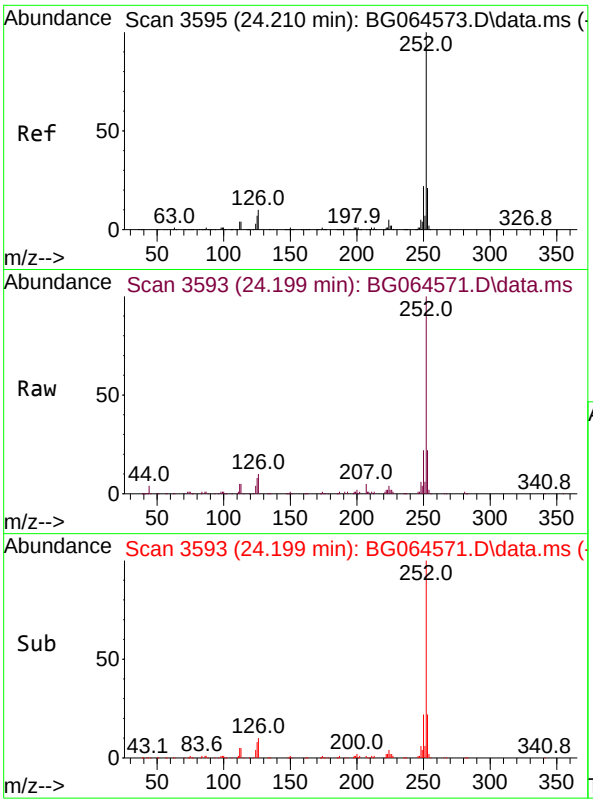


#88
Benzo(b)fluoranthene
Concen: 10.163 ng
RT: 24.128 min Scan# 3581
Delta R.T. -0.011 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:252 Resp: 221197

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.8	26.8
125	7.0	5.6	8.4

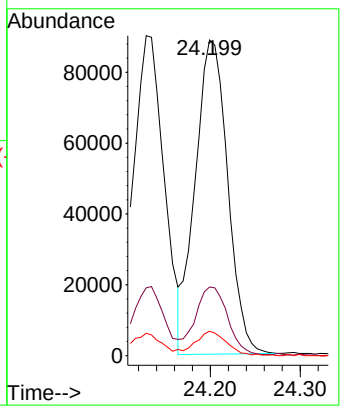




#89
Benzo(k)fluoranthene
Concen: 10.270 ng
RT: 24.199 min Scan# 3
Delta R.T. -0.011 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:252 Resp: 22367

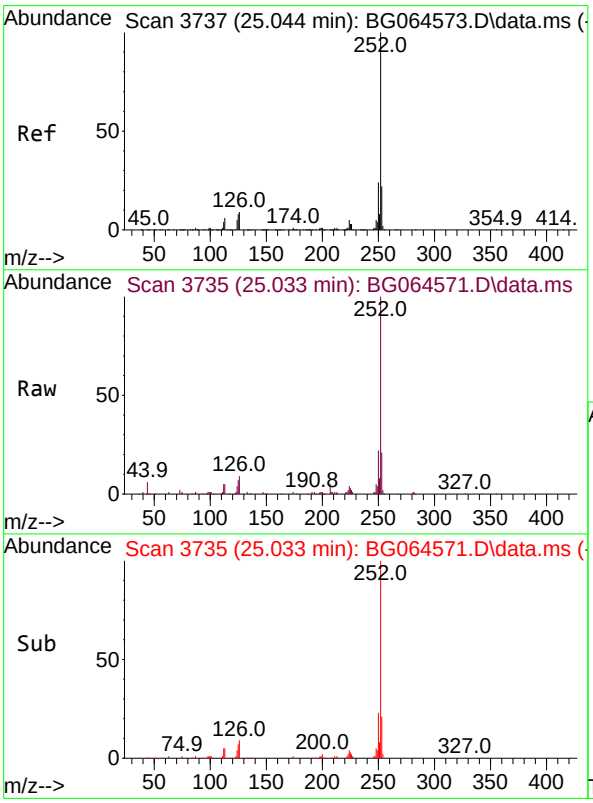
Ion	Ratio	Lower	Upper
252	100		
253	21.7	16.8	25.2
125	7.7	5.4	8.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

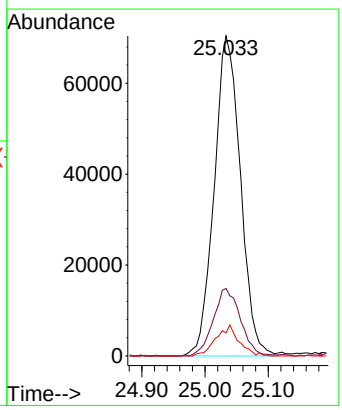
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

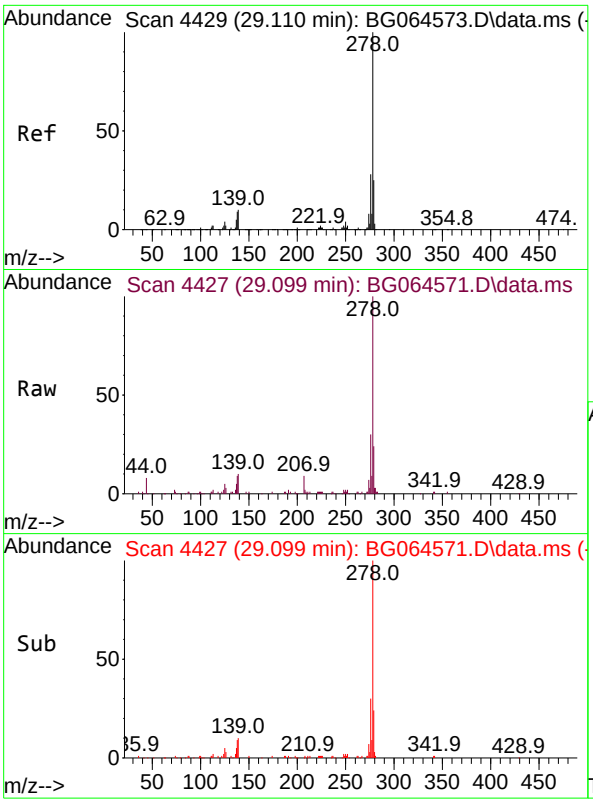


#90
Benzo(a)pyrene
Concen: 10.146 ng
RT: 25.033 min Scan# 3735
Delta R.T. -0.011 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:252 Resp: 202985

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.6	26.4
125	7.2	6.1	9.1

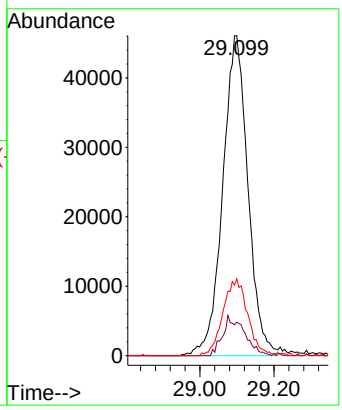




#91
Dibenzo(a,h)anthracene
Concen: 10.235 ng
RT: 29.099 min Scan# 44
Delta R.T. -0.011 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:278 Resp: 21711

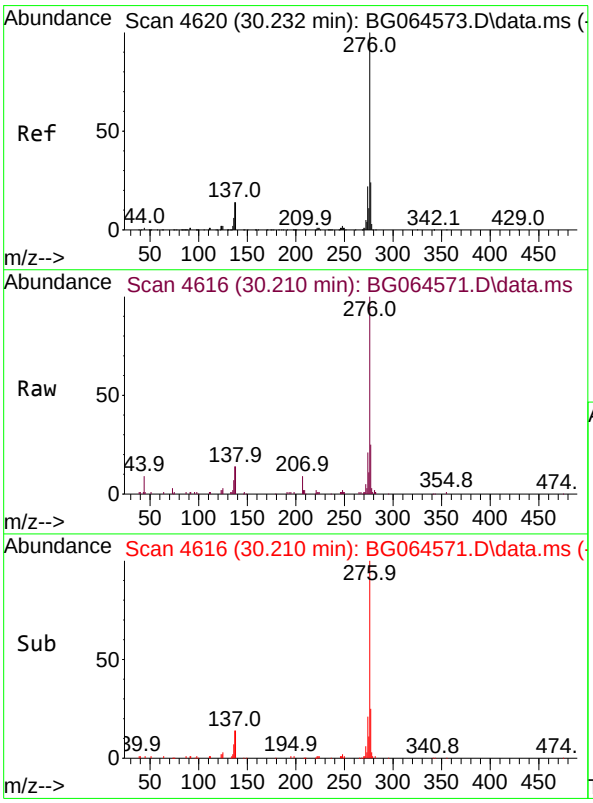
Ion	Ratio	Lower	Upper
278	100		
139	10.4	8.0	12.0
279	24.0	19.8	29.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

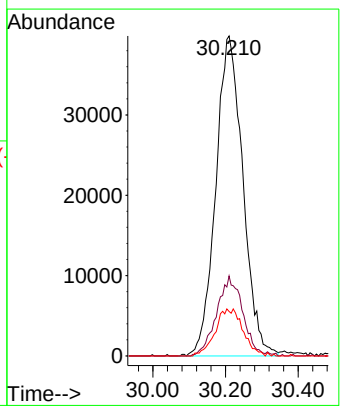
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#92
Benzo(g,h,i)perylene
Concen: 10.173 ng
RT: 30.210 min Scan# 4616
Delta R.T. -0.023 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:276 Resp: 206153

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.1	28.7
138	13.9	11.3	16.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064572.D
Acq On : 24 Oct 2025 12:23
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

Quant Time: Nov 03 18:00:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 17:56:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.217	152	46818	20.000	ng		0.00
21) Naphthalene-d8	11.049	136	192551	20.000	ng		0.00
39) Acenaphthene-d10	14.845	164	147520	20.000	ng		0.00
64) Phenanthrene-d10	17.577	188	357228	20.000	ng		0.00
76) Chrysene-d12	21.854	240	408574	20.000	ng		0.00
86) Perylene-d12	25.198	264	430370	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.744	112	108123	38.764	ng		0.00
7) Phenol-d6	7.348	99	146608	38.304	ng		0.00
23) Nitrobenzene-d5	9.381	82	121107	37.777	ng		0.00
42) 2,4,6-Tribromophenol	16.320	330	80231	37.682	ng		0.00
45) 2-Fluorobiphenyl	13.470	172	385251	39.584	ng		0.00
79) Terphenyl-d14	20.168	244	870741	40.219	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.588	88	24533	19.867	ng		99
3) Pyridine	3.999	79	72660	19.593	ng		96
4) n-Nitrosodimethylamine	3.905	42	37799	19.007	ng	#	90
6) Aniline	7.530	93	99762	19.155	ng		99
8) 2-Chlorophenol	7.777	128	56018	19.187	ng		93
9) Benzaldehyde	7.342	77	46540	22.273	ng		97
10) Phenol	7.377	94	81849	19.337	ng		97
11) bis(2-Chloroethyl)ether	7.624	93	60495	19.439	ng		93
12) 1,3-Dichlorobenzene	8.112	146	65241	19.415	ng		99
13) 1,4-Dichlorobenzene	8.259	146	67506	19.757	ng		94
14) 1,2-Dichlorobenzene	8.582	146	63867	19.380	ng		99
15) Benzyl Alcohol	8.447	79	59123	18.732	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.740	45	158985	19.476	ng		97
17) 2-Methylphenol	8.646	107	55174	19.632	ng		97
18) Hexachloroethane	9.322	117	23663	19.735	ng		97
19) n-Nitroso-di-n-propyla...	9.022	70	52857	19.982	ng	#	94
20) 3+4-Methylphenols	8.969	107	74026	18.730	ng		94
22) Acetophenone	9.040	105	101737	19.328	ng		96
24) Nitrobenzene	9.422	77	66292	19.012	ng		95
25) Isophorone	9.951	82	148388	19.290	ng		98
26) 2-Nitrophenol	10.145	139	21166	17.837	ng		92
27) 2,4-Dimethylphenol	10.192	122	54972	19.211	ng		90
28) bis(2-Chloroethoxy)met...	10.432	93	85225	19.458	ng		97
29) 2,4-Dichlorophenol	10.679	162	60695	19.710	ng		96
30) 1,2,4-Trichlorobenzene	10.908	180	67078	19.171	ng		97
31) Naphthalene	11.096	128	208734	19.552	ng		99
32) Benzoic acid	10.274	122	31567m	18.155	ng		
33) 4-Chloroaniline	11.190	127	79067	19.055	ng		96
34) Hexachlorobutadiene	11.390	225	54233	19.820	ng		98
35) Caprolactam	11.931	113	22010	18.635	ng		93
36) 4-Chloro-3-methylphenol	12.289	107	69582	18.798	ng		92
37) 2-Methylnaphthalene	12.689	142	153445	19.577	ng		97
38) 1-Methylnaphthalene	12.906	142	149456	19.266	ng		97
40) 1,2,4,5-Tetrachloroben...	13.053	216	95653	19.320	ng		99
41) Hexachlorocyclopentadiene	13.035	237	41178	18.479	ng		97
43) 2,4,6-Trichlorophenol	13.276	196	55295	19.525	ng		95

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064572.D
Acq On : 24 Oct 2025 12:23
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 03 18:00:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 17:56:56 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.347	196	64753	19.814	ng		93
46) 1,1'-Biphenyl	13.682	154	206656	19.705	ng		94
47) 2-Chloronaphthalene	13.729	162	155356	19.625	ng		99
48) 2-Nitroaniline	13.911	65	40854	17.565	ng		98
49) Acenaphthylene	14.563	152	242914	19.454	ng		98
50) Dimethylphthalate	14.281	163	219575	19.452	ng		99
51) 2,6-Dinitrotoluene	14.393	165	28427	17.440	ng		96
52) Acenaphthene	14.904	154	164542	19.287	ng		96
53) 3-Nitroaniline	14.722	138	37234	19.193	ng	#	99
54) 2,4-Dinitrophenol	14.921	184	16182	18.744	ng	#	29
55) Dibenzofuran	15.239	168	269419	19.534	ng		98
56) 4-Nitrophenol	15.009	139	31366	17.439	ng		90
57) 2,4-Dinitrotoluene	15.180	165	44209	17.427	ng	#	96
58) Fluorene	15.885	166	210426	19.536	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.456	232	59314	18.980	ng		99
60) Diethylphthalate	15.644	149	223398	19.382	ng		99
61) 4-Chlorophenyl-phenyle...	15.873	204	116865	19.333	ng		98
62) 4-Nitroaniline	15.879	138	42261	19.582	ng		99
63) Azobenzene	16.161	77	203101	19.205	ng		99
65) 4,6-Dinitro-2-methylph...	15.944	198	22843	18.316	ng		92
66) n-Nitrosodiphenylamine	16.079	169	187560	19.437	ng		98
67) 4-Bromophenyl-phenylether	16.766	248	82311	19.444	ng		98
68) Hexachlorobenzene	16.890	284	93647	19.391	ng		96
69) Atrazine	17.019	200	88832	21.392	ng		95
70) Pentachlorophenol	17.219	266	54275	18.022	ng		88
71) Phenanthrene	17.618	178	383359	19.624	ng		99
72) Anthracene	17.712	178	393312	19.792	ng		100
73) Carbazole	17.971	167	350722	20.014	ng		99
74) Di-n-butylphthalate	18.529	149	421239	20.788	ng		100
75) Fluoranthene	19.616	202	492924	20.142	ng		99
77) Benzidine	19.780	184	194070	21.201	ng		99
78) Pyrene	19.974	202	524431	19.646	ng		99
80) Butylbenzylphthalate	20.856	149	158394	19.633	ng		97
81) Benzo(a)anthracene	21.837	228	528009	19.490	ng		100
82) 3,3'-Dichlorobenzidine	21.737	252	174803	19.323	ng		99
83) Chrysene	21.901	228	502125	19.479	ng		97
84) Bis(2-ethylhexyl)phtha...	21.749	149	237524	19.703	ng		100
85) Di-n-octyl phthalate	23.012	149	380895	18.740	ng		99
87) Indeno(1,2,3-cd)pyrene	29.028	276	606702	19.163	ng		99
88) Benzo(b)fluoranthene	24.134	252	503145	19.066	ng		98
89) Benzo(k)fluoranthene	24.205	252	518915	19.650	ng		99
90) Benzo(a)pyrene	25.039	252	470556	19.398	ng		98
91) Dibenzo(a,h)anthracene	29.099	278	498395	19.377	ng		97
92) Benzo(g,h,i)perylene	30.221	276	468496	19.067	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

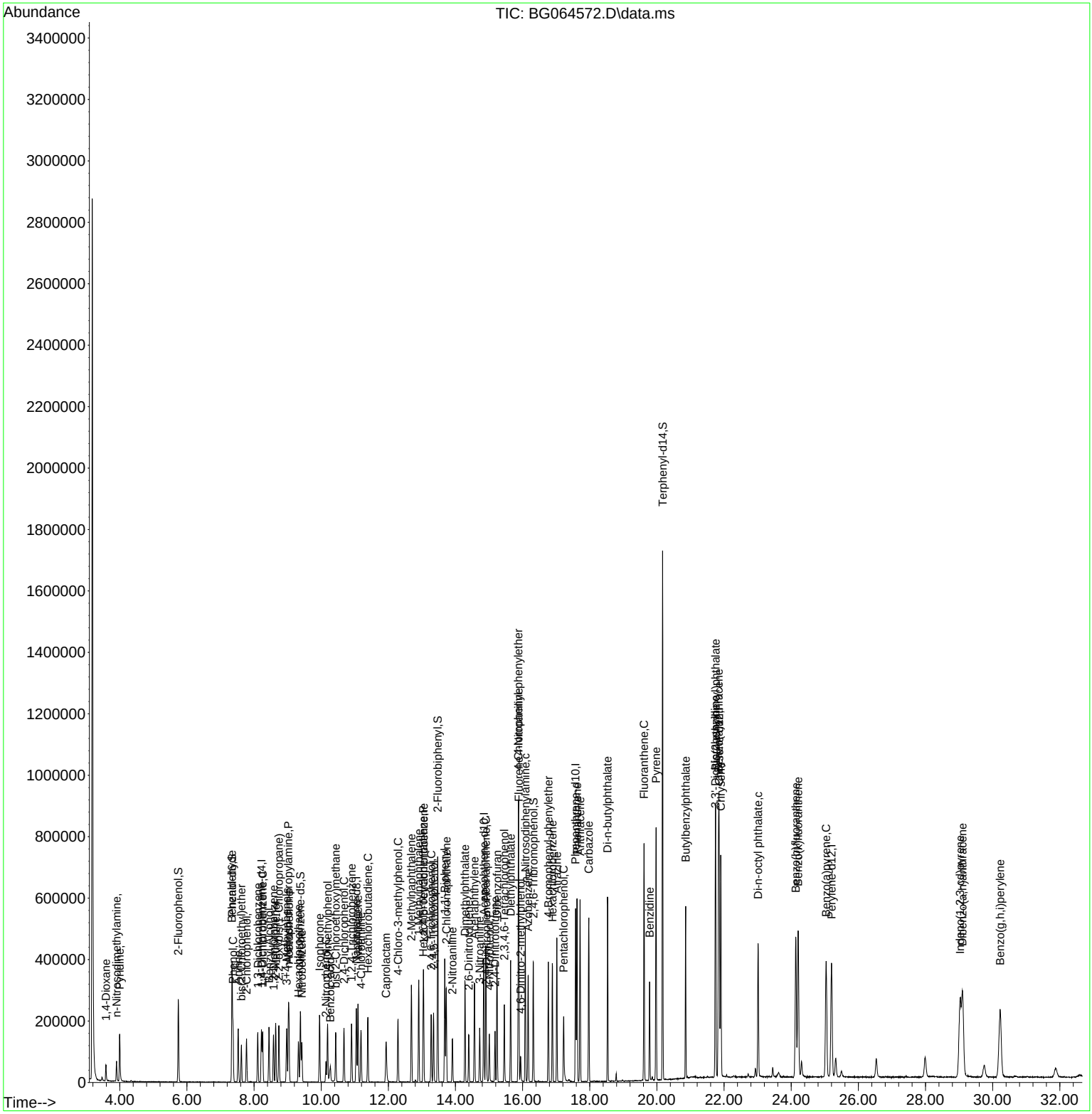
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064572.D
Acq On : 24 Oct 2025 12:23
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

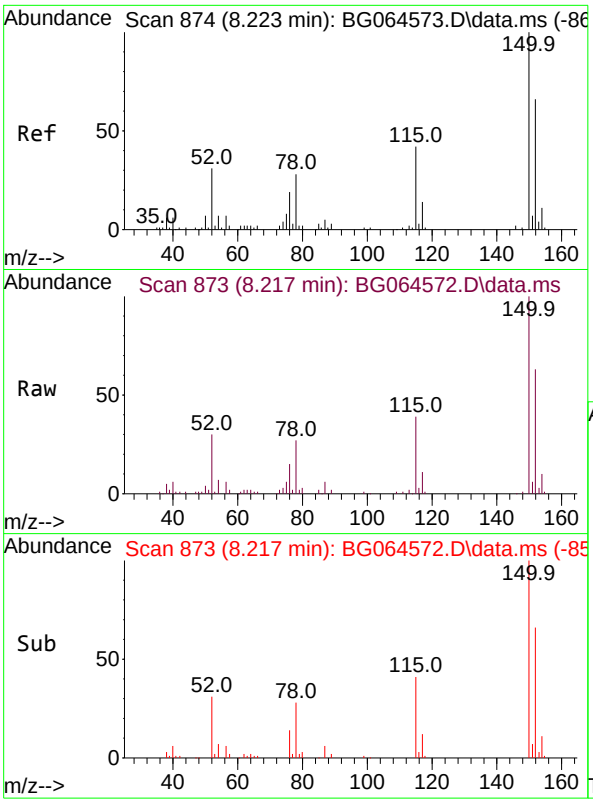
Quant Time: Nov 03 18:00:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 17:56:56 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

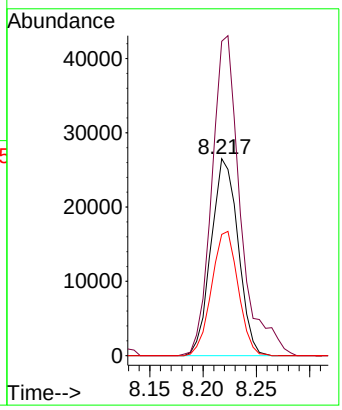




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.217 min Scan# 8
Delta R.T. -0.006 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:152 Resp: 4681

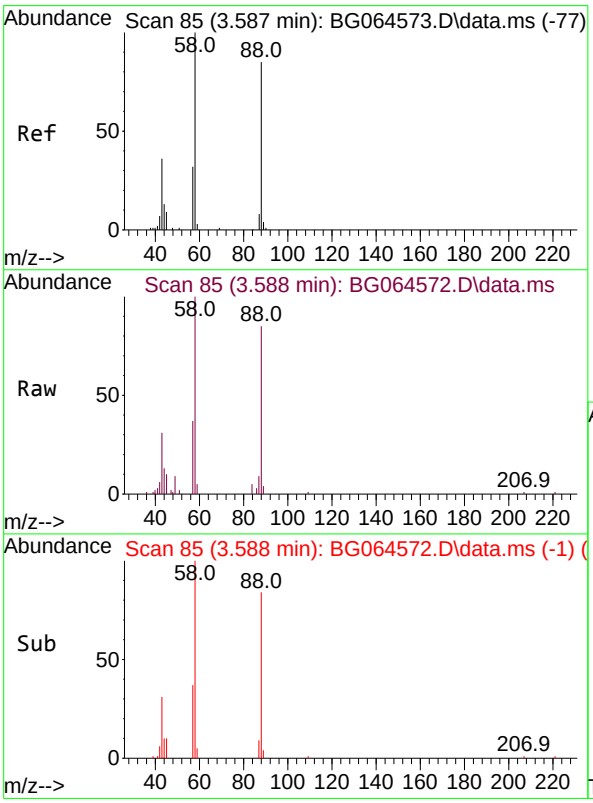
Ion	Ratio	Lower	Upper
152	100		
150	159.6	122.2	183.4
115	61.5	50.8	76.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

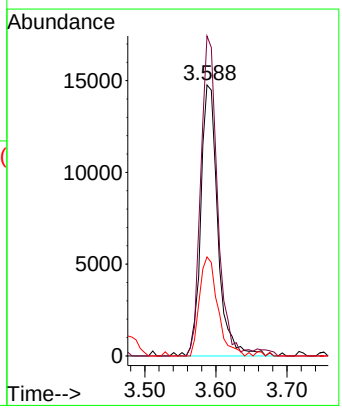
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

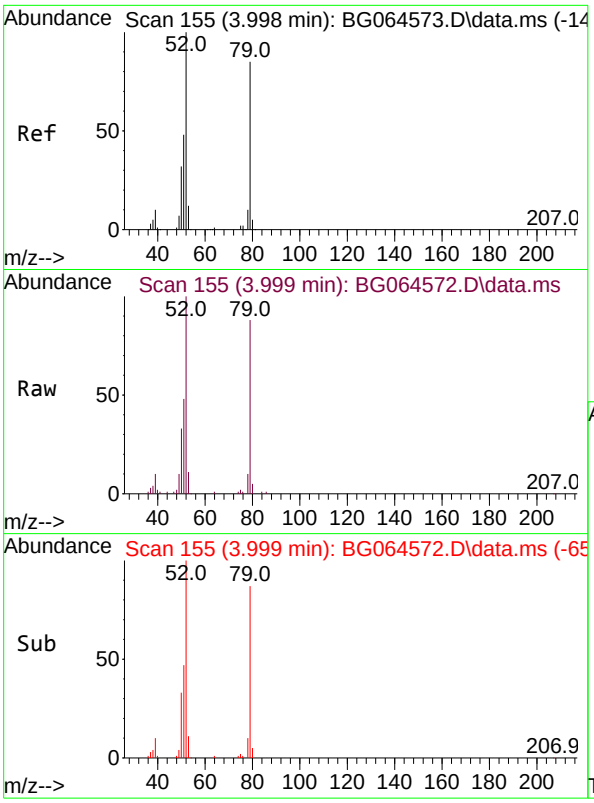


#2
1,4-Dioxane
Concen: 19.867 ng
RT: 3.588 min Scan# 85
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion: 88 Resp: 24533

Ion	Ratio	Lower	Upper
88	100		
58	114.9	92.4	138.6
43	38.9	33.0	49.6

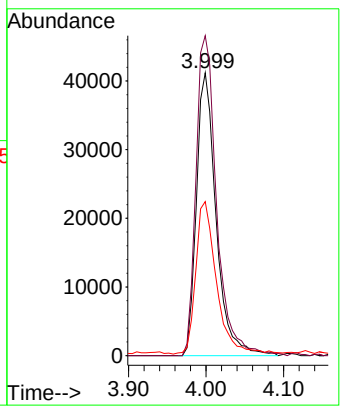




#3
Pyridine
Concen: 19.593 ng
RT: 3.999 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion: 79 Resp: 7266

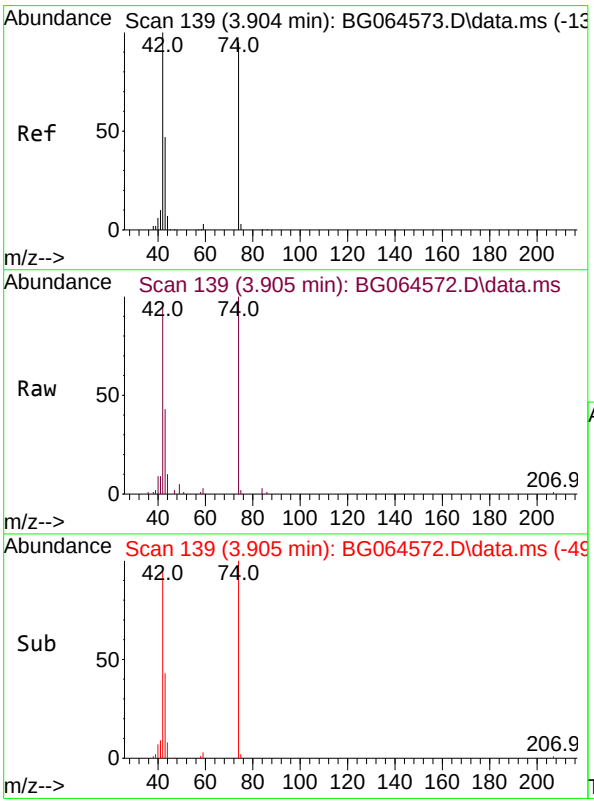
Ion	Ratio	Lower	Upper
79	100		
52	113.1	94.2	141.2
51	54.4	46.1	69.1



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

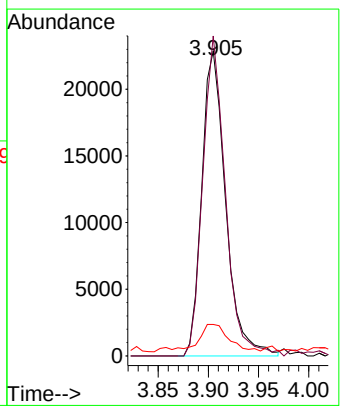
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

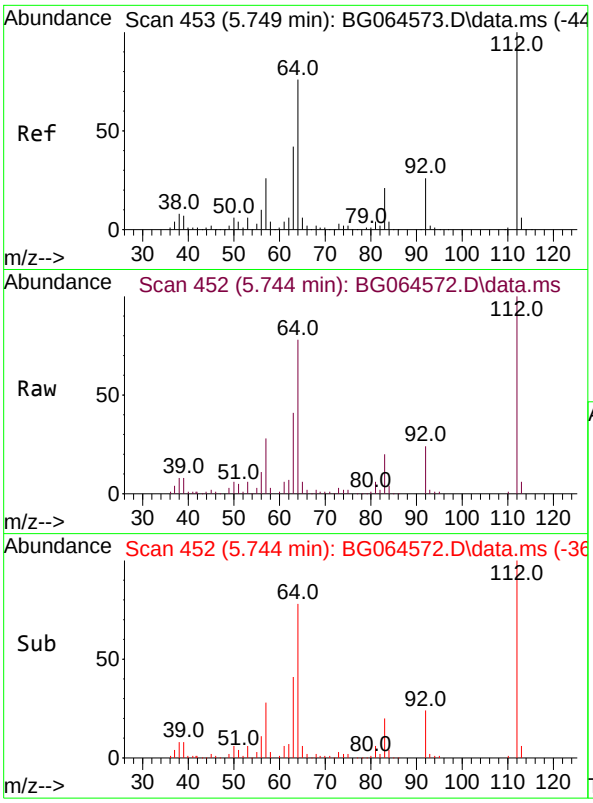


#4
n-Nitrosodimethylamine
Concen: 19.007 ng
RT: 3.905 min Scan# 139
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion: 42 Resp: 37799

Ion	Ratio	Lower	Upper
42	100		
74	105.0	76.1	114.1
44	10.3	6.3	9.5#

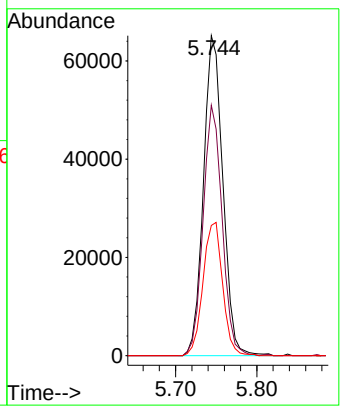




#5
2-Fluorophenol
Concen: 38.764 ng
RT: 5.744 min Scan# 4
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:112 Resp: 10812

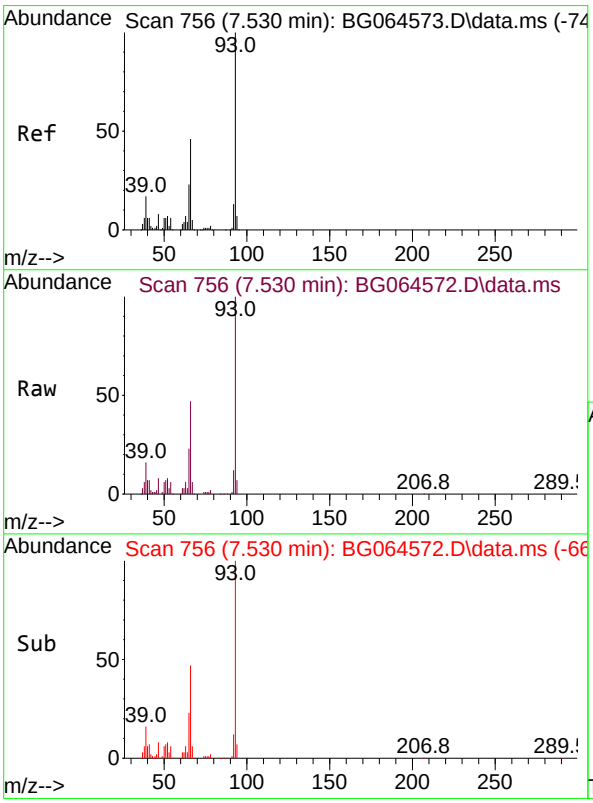
Ion	Ratio	Lower	Upper
112	100		
64	78.2	60.7	91.1
63	40.7	33.4	50.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

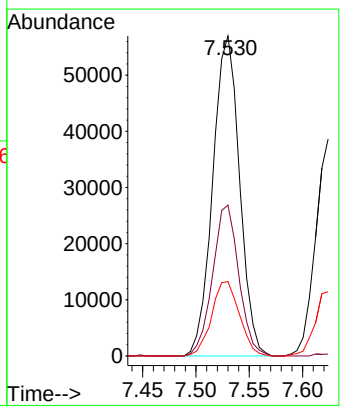
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

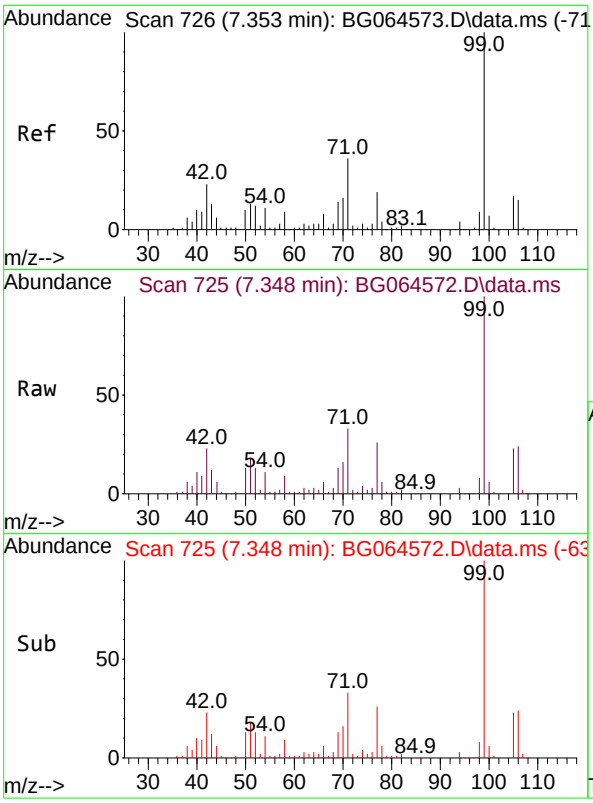


#6
Aniline
Concen: 19.155 ng
RT: 7.530 min Scan# 756
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion: 93 Resp: 99762

Ion	Ratio	Lower	Upper
93	100		
66	47.2	37.0	55.6
65	23.2	18.3	27.5

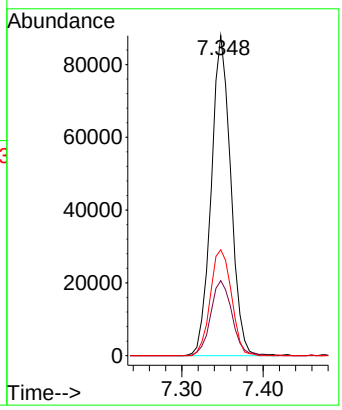




#7
Phenol-d6
Concen: 38.304 ng
RT: 7.348 min Scan# 7
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion: 99 Resp: 14660

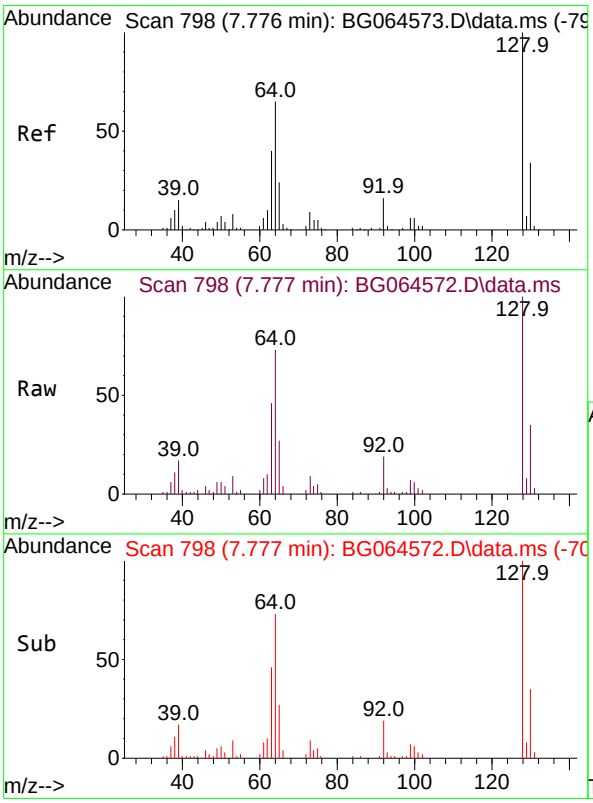
Ion	Ratio	Lower	Upper
99	100		
42	23.4	18.3	27.5
71	33.1	28.6	43.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

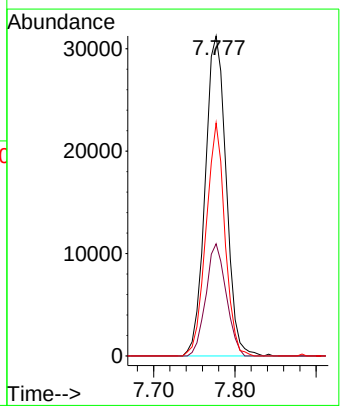
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

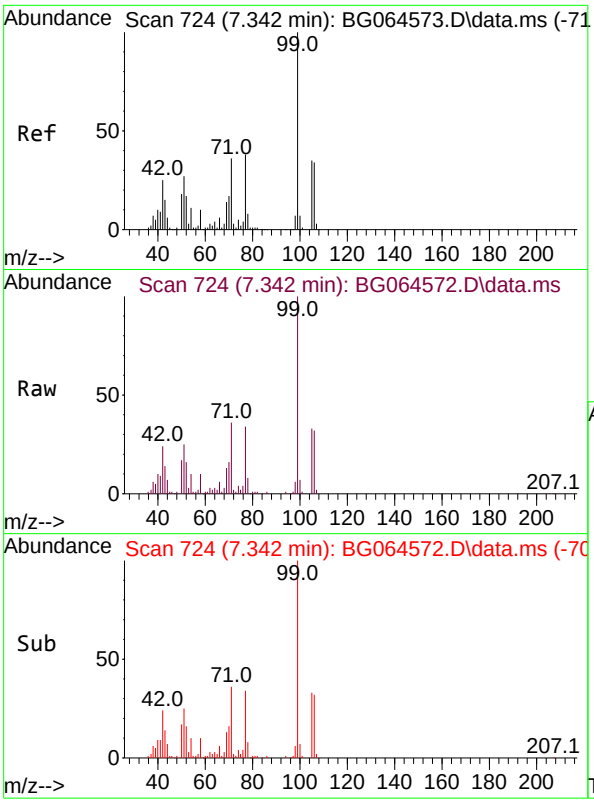


#8
2-Chlorophenol
Concen: 19.187 ng
RT: 7.777 min Scan# 798
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:128 Resp: 56018

Ion	Ratio	Lower	Upper
128	100		
130	35.0	13.5	53.5
64	72.8	45.2	85.2

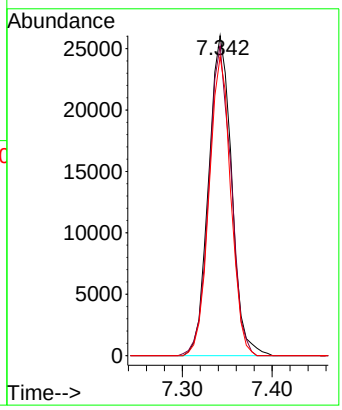




#9
Benzaldehyde
Concen: 22.273 ng
RT: 7.342 min Scan# 7
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion: 77 Resp: 4654

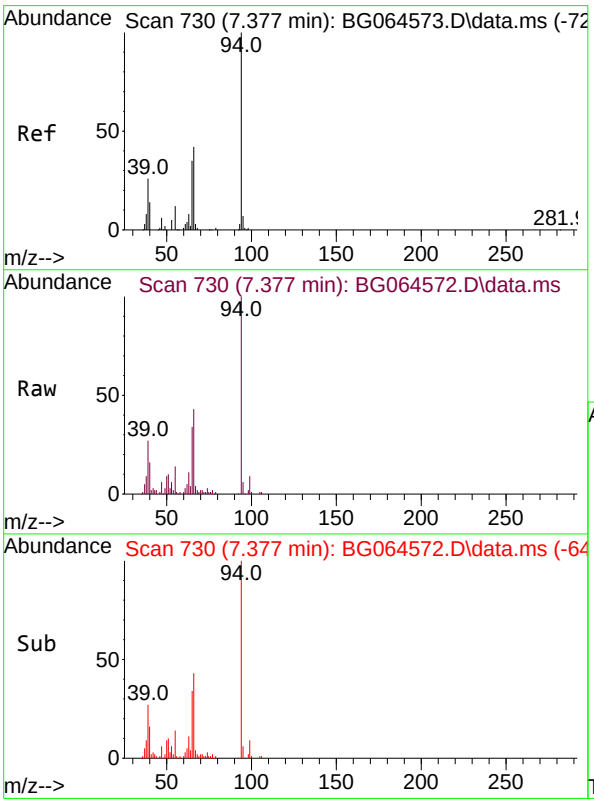
Ion	Ratio	Lower	Upper
77	100		
105	96.8	72.9	112.9
106	93.4	70.8	110.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

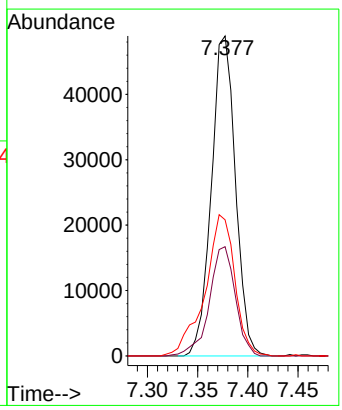
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

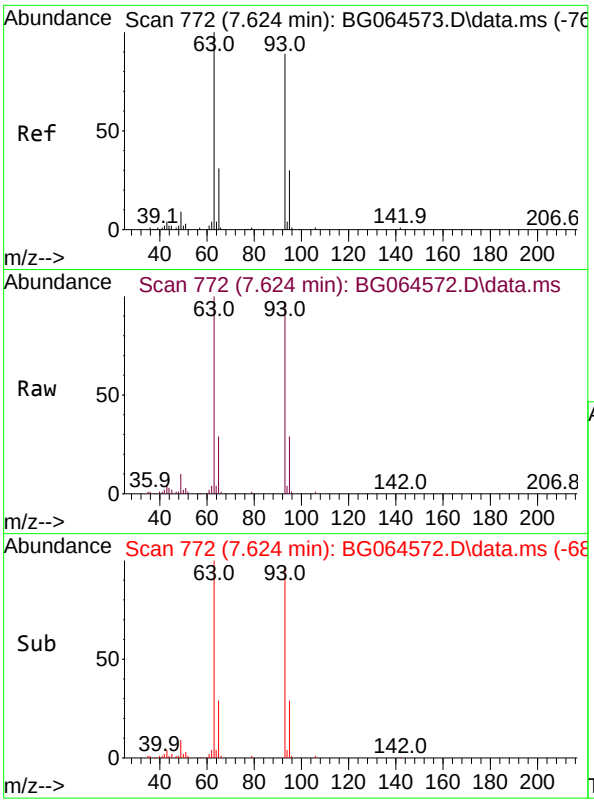


#10
Phenol
Concen: 19.337 ng
RT: 7.377 min Scan# 730
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion: 94 Resp: 81849

Ion	Ratio	Lower	Upper
94	100		
65	34.1	15.8	55.8
66	42.5	24.0	64.0

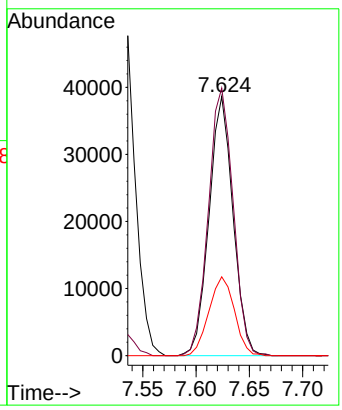




#11
bis(2-Chloroethyl)ether
Concen: 19.439 ng
RT: 7.624 min Scan# 7
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion: 93 Resp: 6049

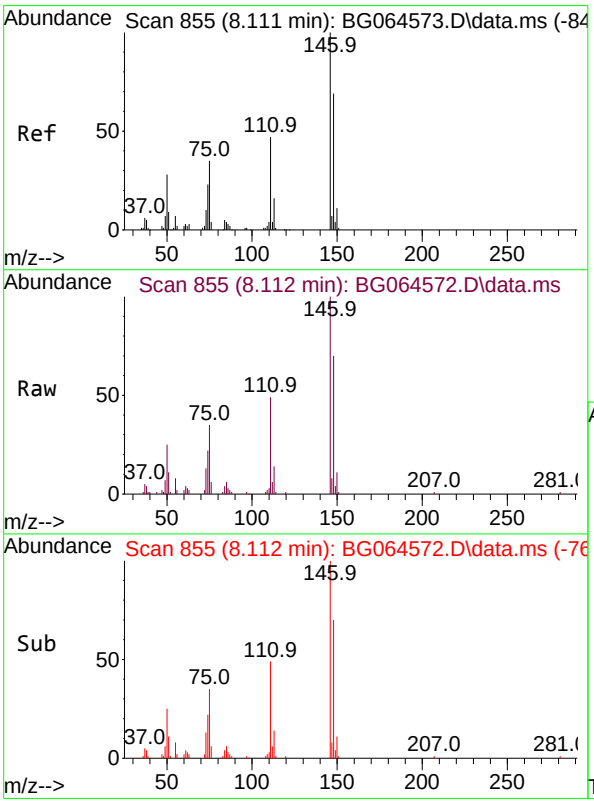
Ion	Ratio	Lower	Upper
93	100		
63	103.3	91.3	131.3
95	30.4	13.3	53.3



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

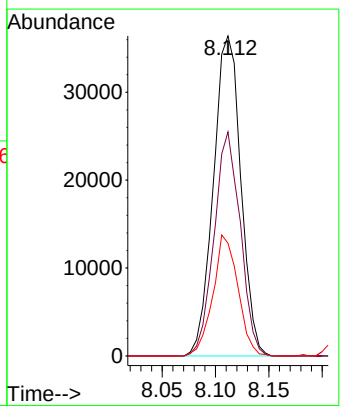
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

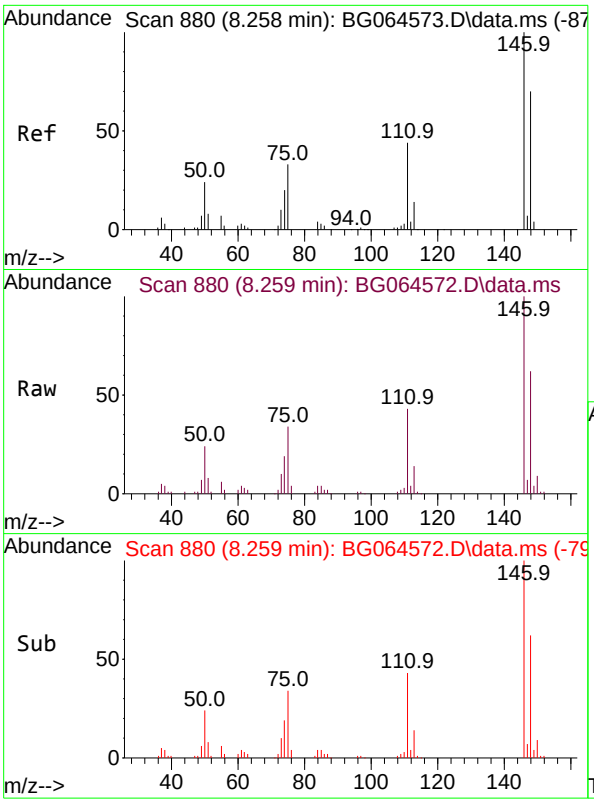


#12
1,3-Dichlorobenzene
Concen: 19.415 ng
RT: 8.112 min Scan# 855
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:146 Resp: 65241

Ion	Ratio	Lower	Upper
146	100		
148	70.0	55.3	82.9
75	35.2	28.2	42.2

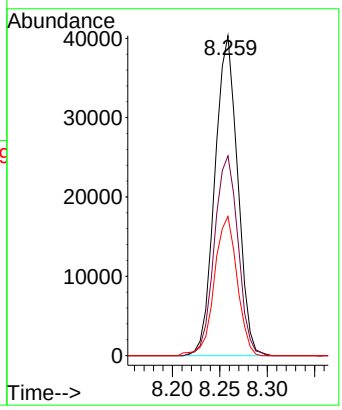




#13
1,4-Dichlorobenzene
Concen: 19.757 ng
RT: 8.259 min Scan# 88
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:146 Resp: 6750

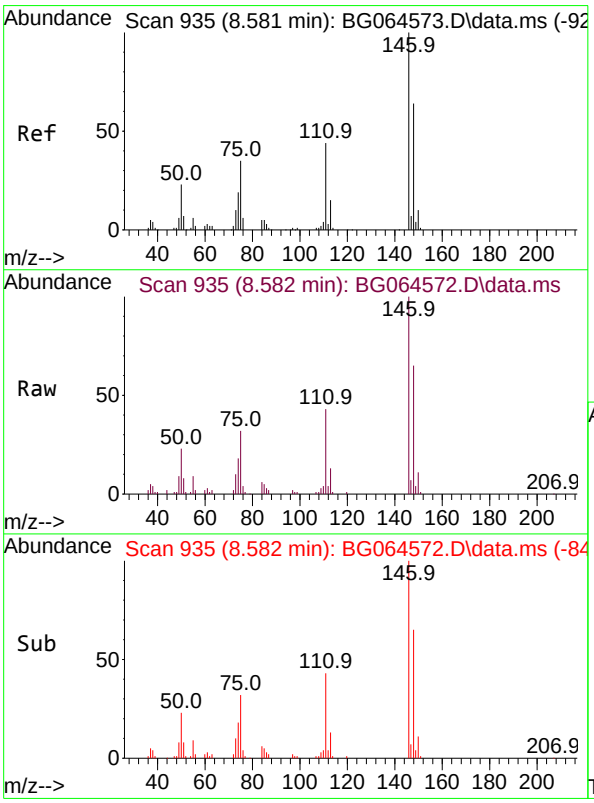
Ion	Ratio	Lower	Upper
146	100		
148	62.4	56.2	84.4
111	43.5	35.4	53.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

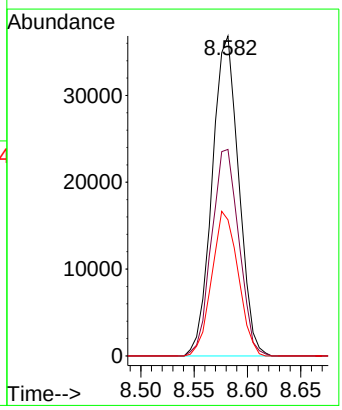
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

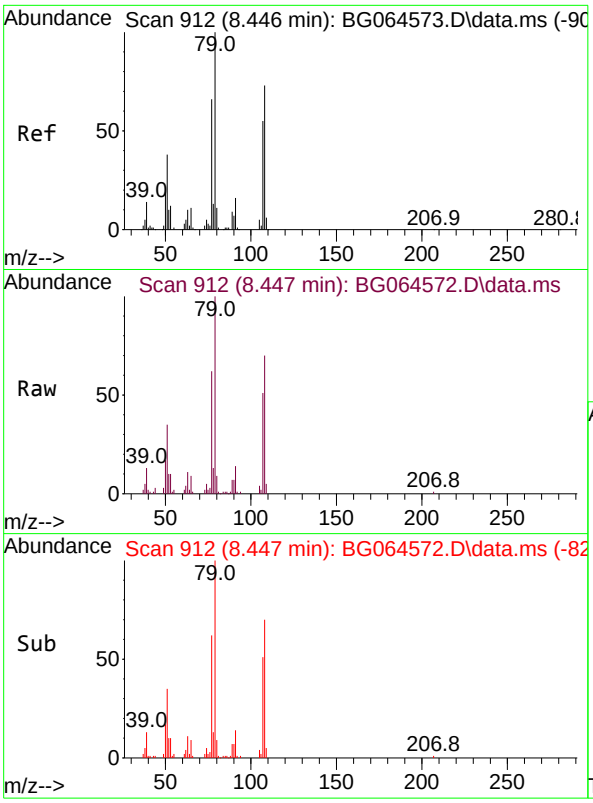


#14
1,2-Dichlorobenzene
Concen: 19.380 ng
RT: 8.582 min Scan# 935
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:146 Resp: 63867

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.5	77.3
111	42.5	35.0	52.6

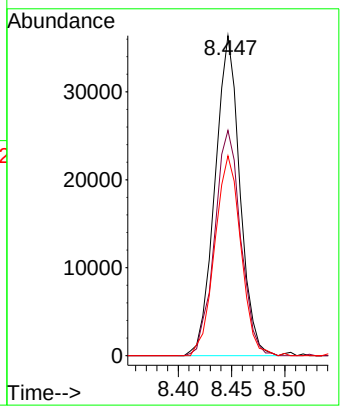




#15
Benzyl Alcohol
Concen: 18.732 ng
RT: 8.447 min Scan# 91
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion: 79 Resp: 5912

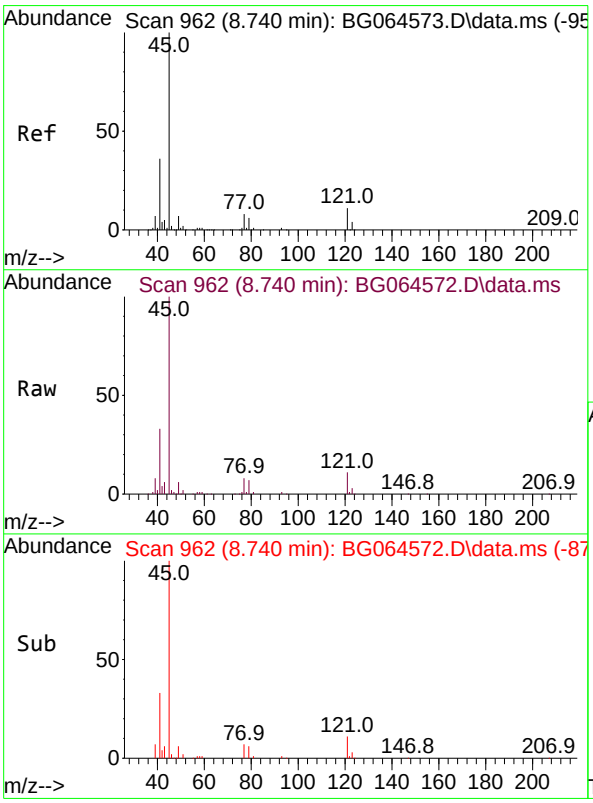
Ion	Ratio	Lower	Upper
79	100		
108	70.4	58.1	87.1
77	62.4	52.8	79.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

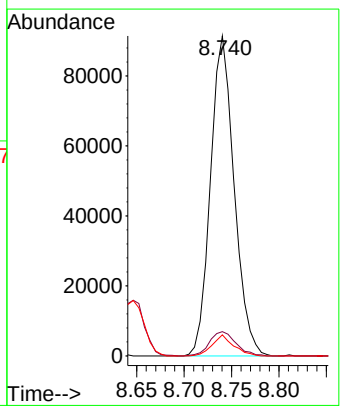
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

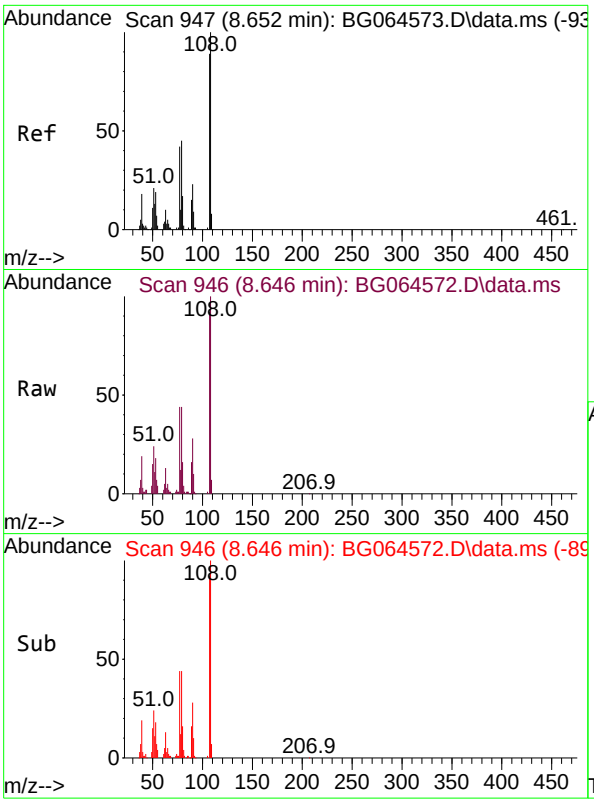


#16
2,2'-oxybis(1-Chloropropane)
Concen: 19.476 ng
RT: 8.740 min Scan# 962
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion: 45 Resp: 158985

Ion	Ratio	Lower	Upper
45	100		
77	7.6	0.0	28.5
79	6.6	0.0	25.6

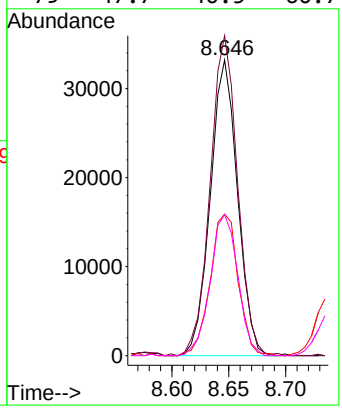




#17
2-Methylphenol
Concen: 19.632 ng
RT: 8.646 min Scan# 94
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:107 Resp: 5517

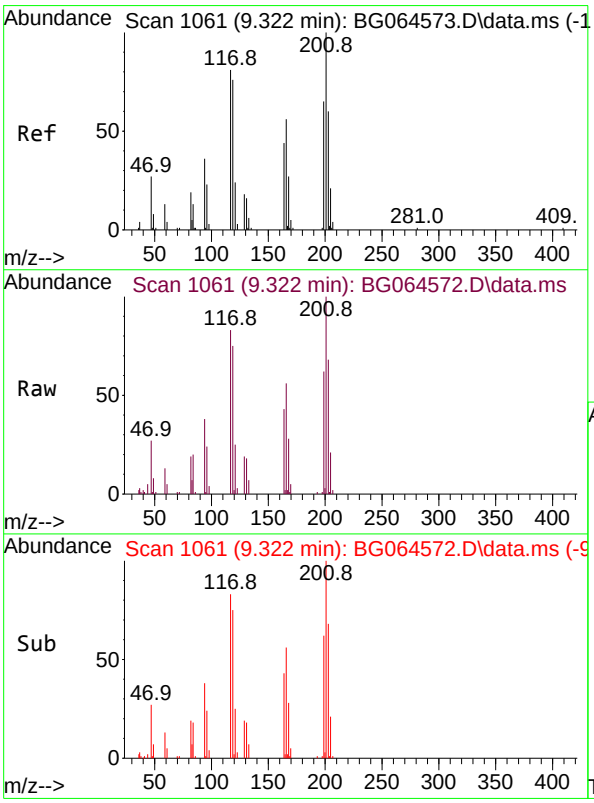
Ion	Ratio	Lower	Upper
107	100		
108	108.3	90.0	135.0
77	47.9	37.8	56.8
79	47.7	40.5	60.7



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

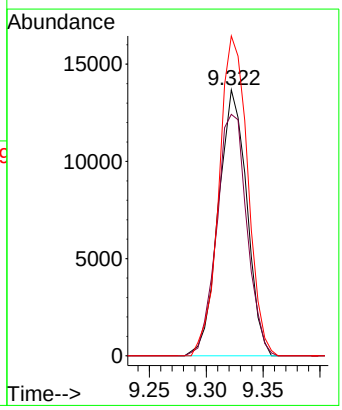
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

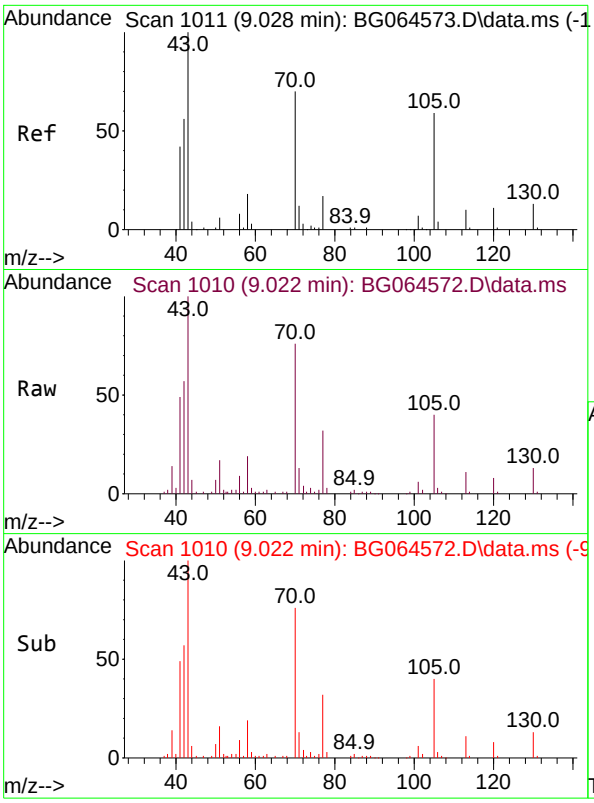


#18
Hexachloroethane
Concen: 19.735 ng
RT: 9.322 min Scan# 1061
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:117 Resp: 23663

Ion	Ratio	Lower	Upper
117	100		
119	90.8	75.4	113.2
201	120.3	99.2	148.8

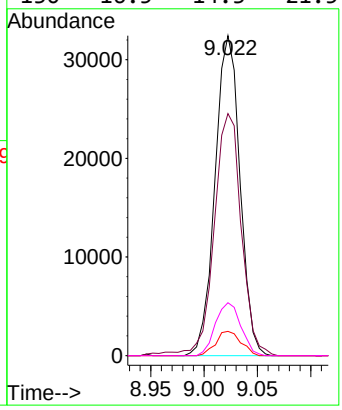




#19
n-Nitroso-di-n-propylamine
Concen: 19.982 ng
RT: 9.022 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion: 70 Resp: 5285

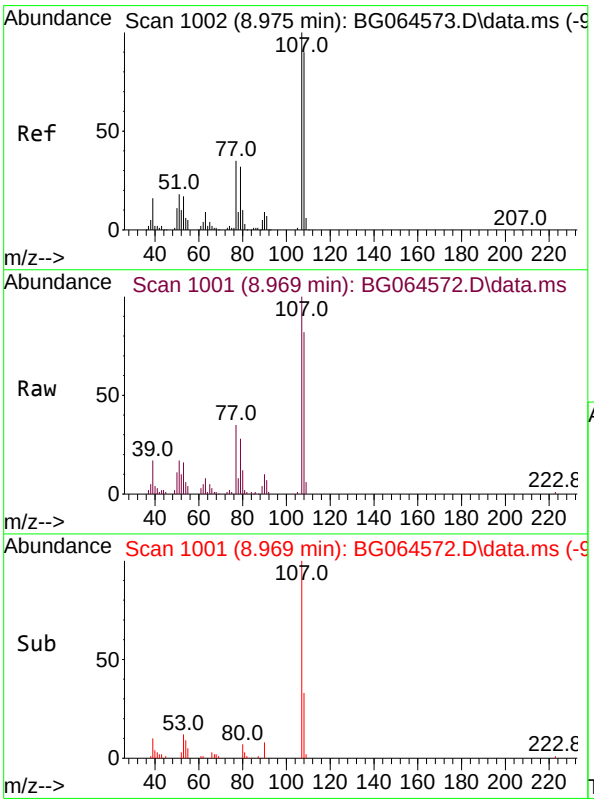
Ion	Ratio	Lower	Upper
70	100		
42	75.6	65.2	97.8
101	7.6	7.9	11.9#
130	16.5	14.3	21.5



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

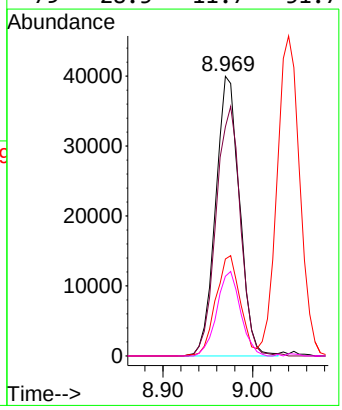
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

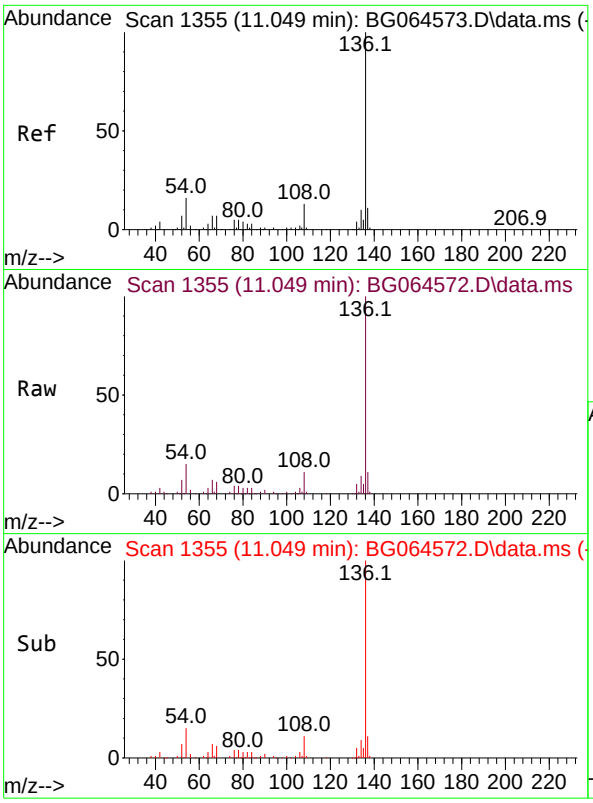


#20
3+4-Methylphenols
Concen: 18.730 ng
RT: 8.969 min Scan# 1001
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:107 Resp: 74026

Ion	Ratio	Lower	Upper
107	100		
108	81.9	70.3	110.3
77	34.6	14.6	54.6
79	28.5	11.7	51.7

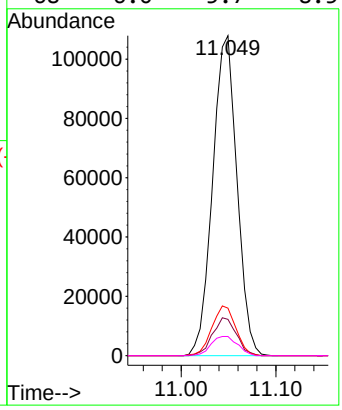




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.049 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:136 Resp: 19255

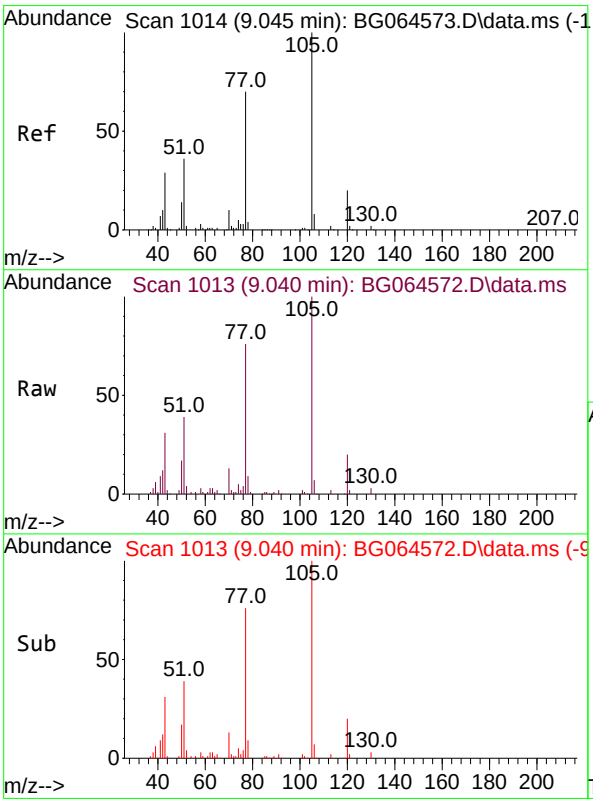
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	14.8	12.6	19.0
68	6.0	5.7	8.5



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

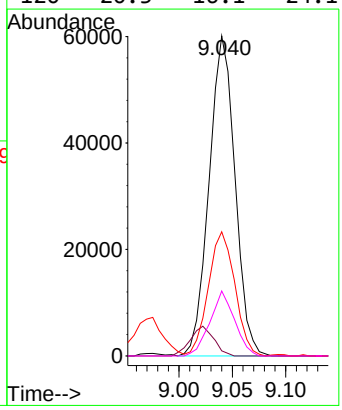
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

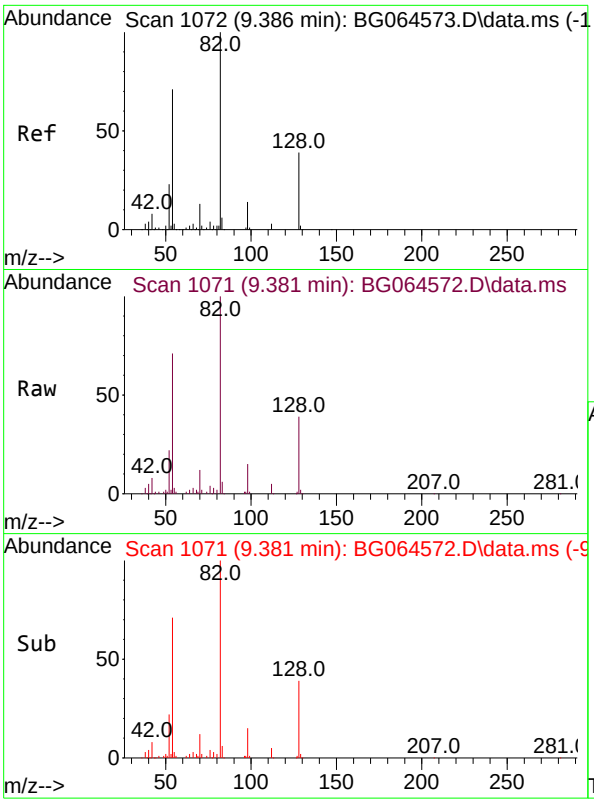


#22
Acetophenone
Concen: 19.328 ng
RT: 9.040 min Scan# 1013
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:105 Resp: 101737

Ion	Ratio	Lower	Upper
105	100		
71	1.6	1.5	2.3
51	38.8	33.7	50.5
120	20.3	16.1	24.1

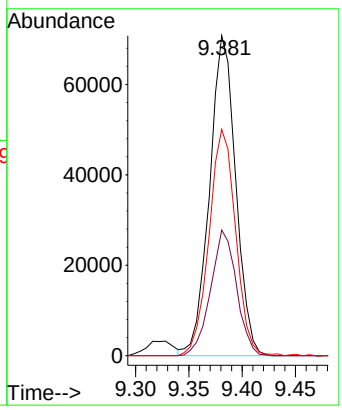




#23
Nitrobenzene-d5
Concen: 37.777 ng
RT: 9.381 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion: 82 Resp: 12110

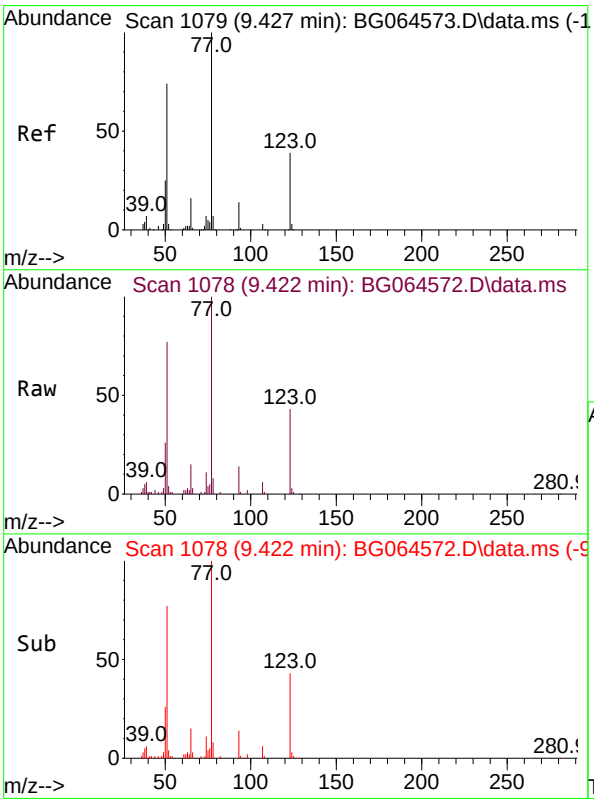
Ion	Ratio	Lower	Upper
82	100		
128	39.2	31.3	46.9
54	70.7	56.6	84.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

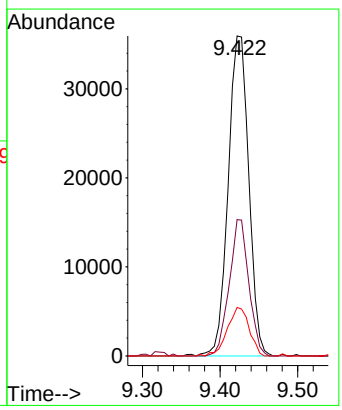
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

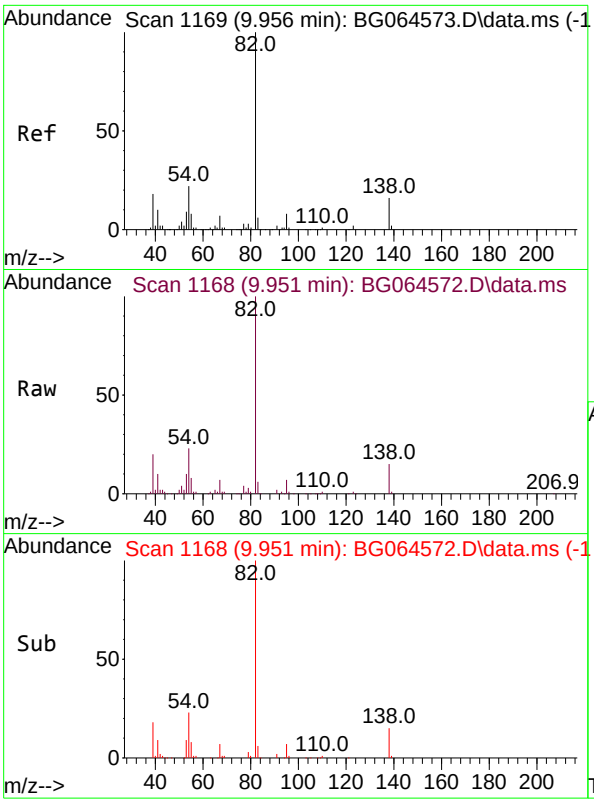


#24
Nitrobenzene
Concen: 19.012 ng
RT: 9.422 min Scan# 1078
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion: 77 Resp: 66292

Ion	Ratio	Lower	Upper
77	100		
123	42.6	31.0	46.6
65	15.1	12.7	19.1

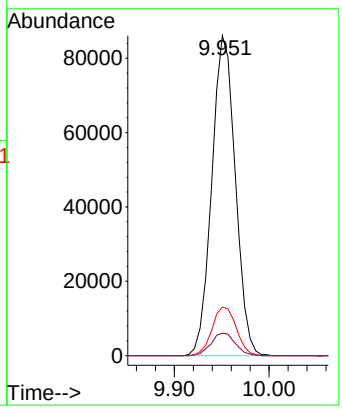




#25
Isophorone
Concen: 19.290 ng
RT: 9.951 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion: 82 Resp: 14838

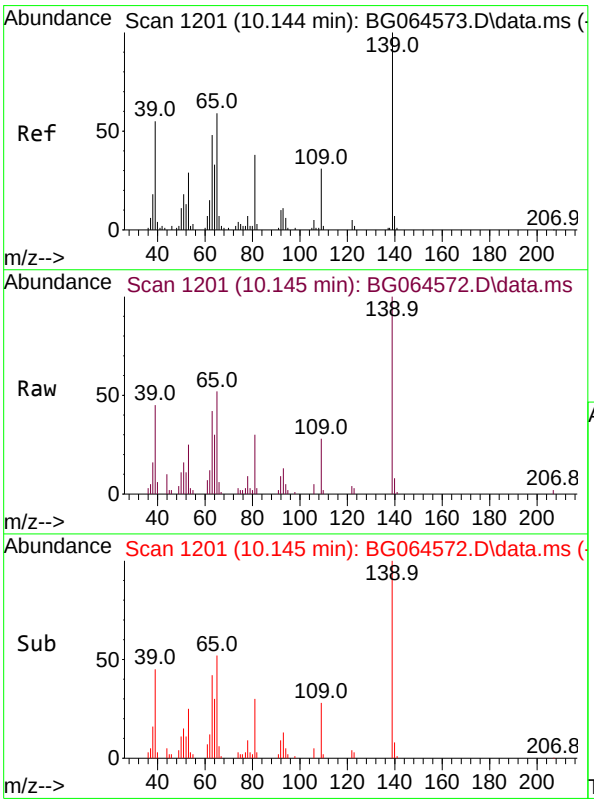
Ion	Ratio	Lower	Upper
82	100		
95	7.0	6.1	9.1
138	15.1	13.0	19.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

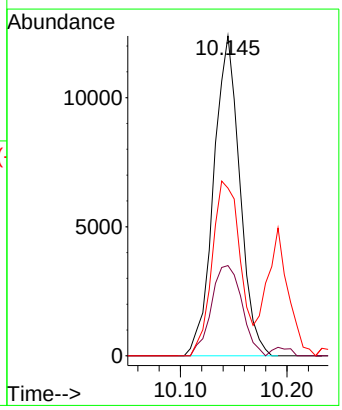
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

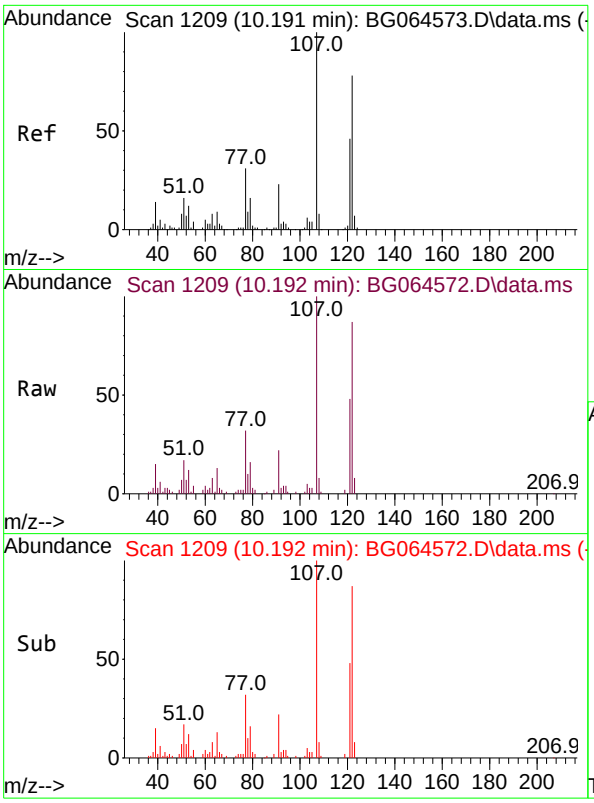


#26
2-Nitrophenol
Concen: 17.837 ng
RT: 10.145 min Scan# 1201
Delta R.T. 0.001 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:139 Resp: 21166

Ion	Ratio	Lower	Upper
139	100		
109	28.2	24.6	37.0
65	52.4	47.5	71.3

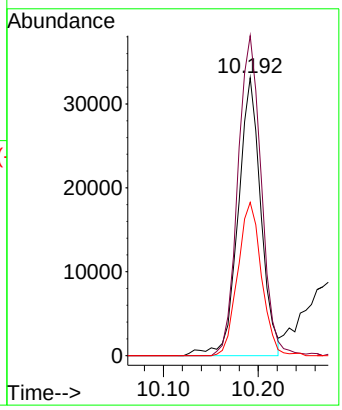




#27
2,4-Dimethylphenol
Concen: 19.211 ng
RT: 10.192 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:122 Resp: 5497

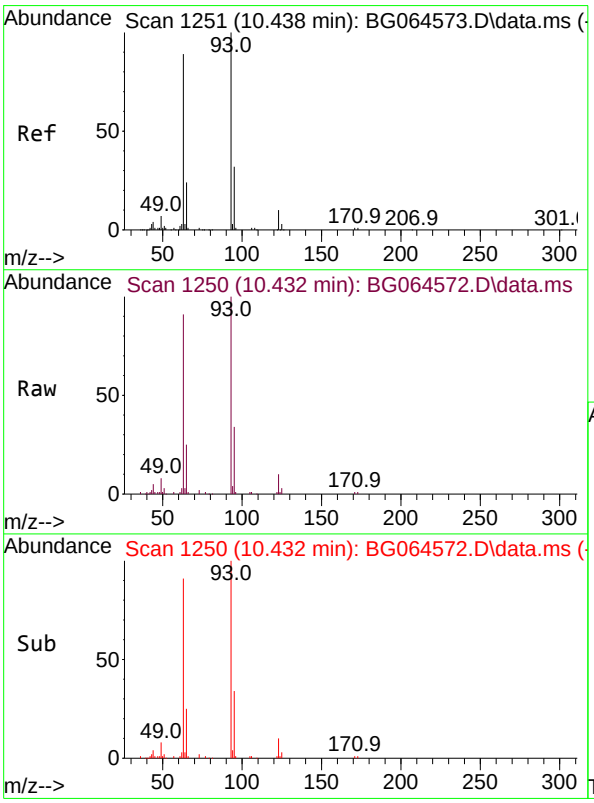
Ion	Ratio	Lower	Upper
122	100		
107	115.2	103.0	154.4
121	55.1	47.8	71.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

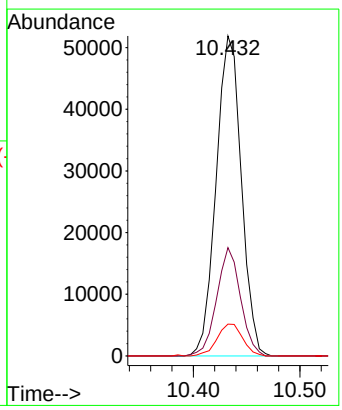
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

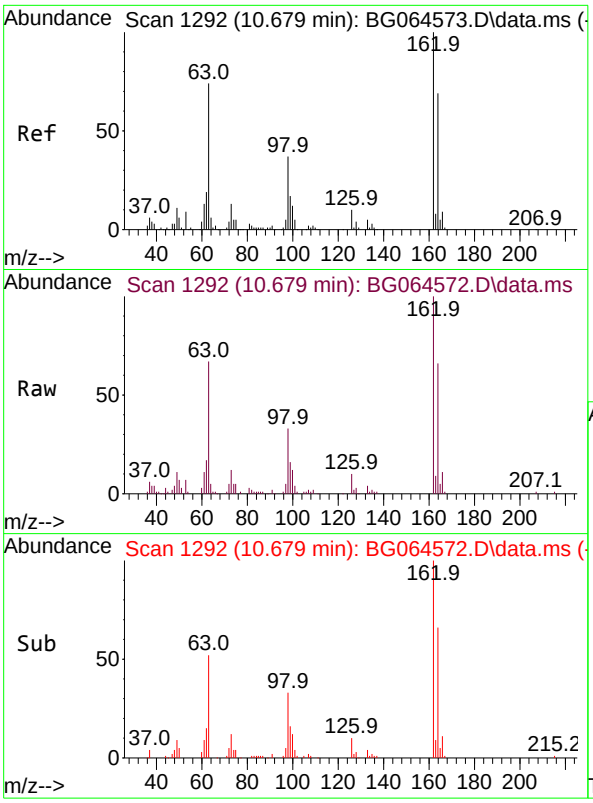


#28
bis(2-Chloroethoxy)methane
Concen: 19.458 ng
RT: 10.432 min Scan# 1250
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion: 93 Resp: 85225

Ion	Ratio	Lower	Upper
93	100		
95	33.8	25.4	38.2
123	9.9	8.4	12.6

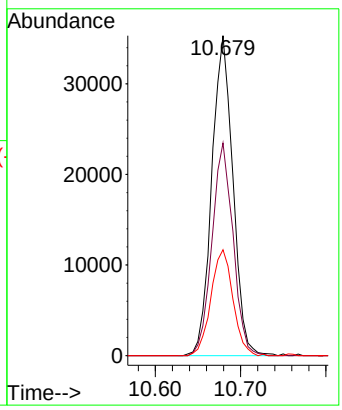




#29
2,4-Dichlorophenol
Concen: 19.710 ng
RT: 10.679 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:162 Resp: 6069

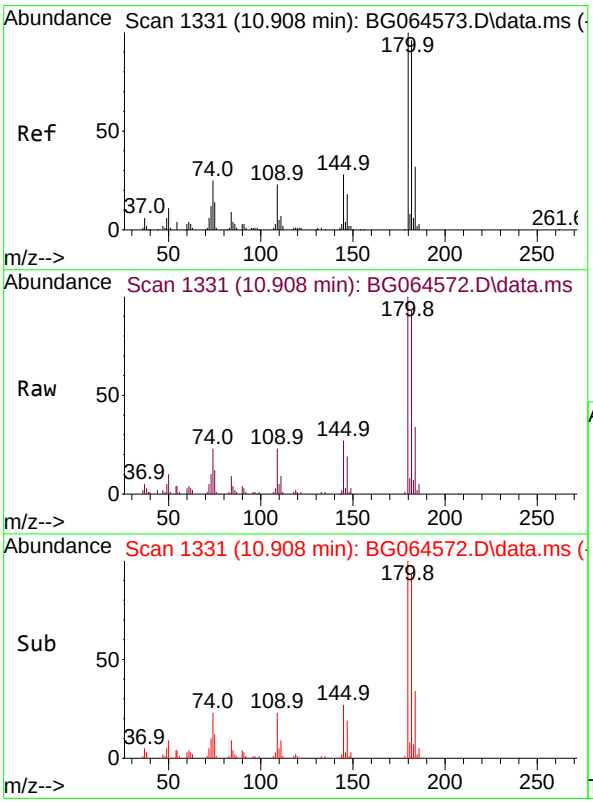
Ion	Ratio	Lower	Upper
162	100		
164	66.4	48.7	88.7
98	33.1	16.9	56.9



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

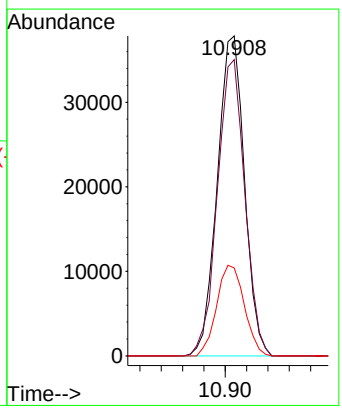
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

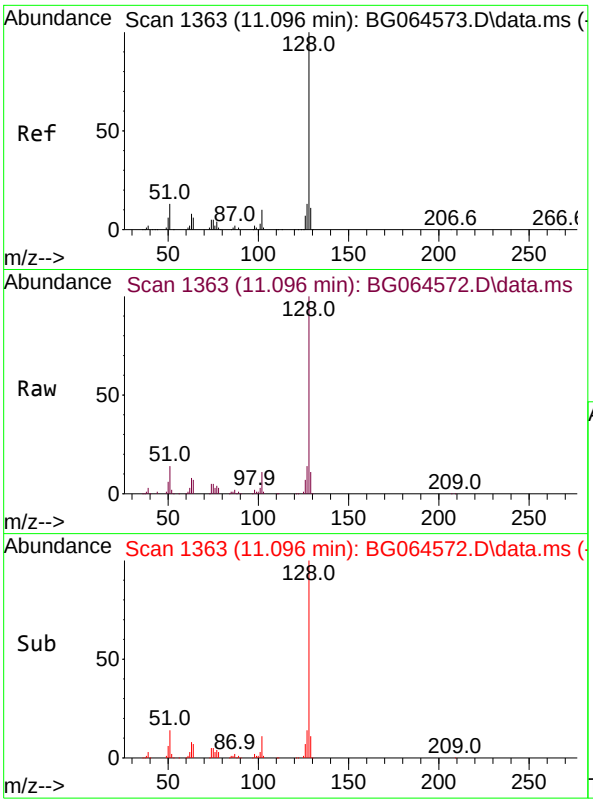


#30
1,2,4-Trichlorobenzene
Concen: 19.171 ng
RT: 10.908 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:180 Resp: 67078

Ion	Ratio	Lower	Upper
180	100		
182	92.6	76.9	115.3
145	27.5	22.1	33.1

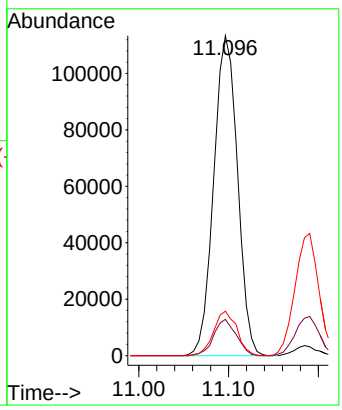




#31
Naphthalene
Concen: 19.552 ng
RT: 11.096 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:128 Resp: 20873

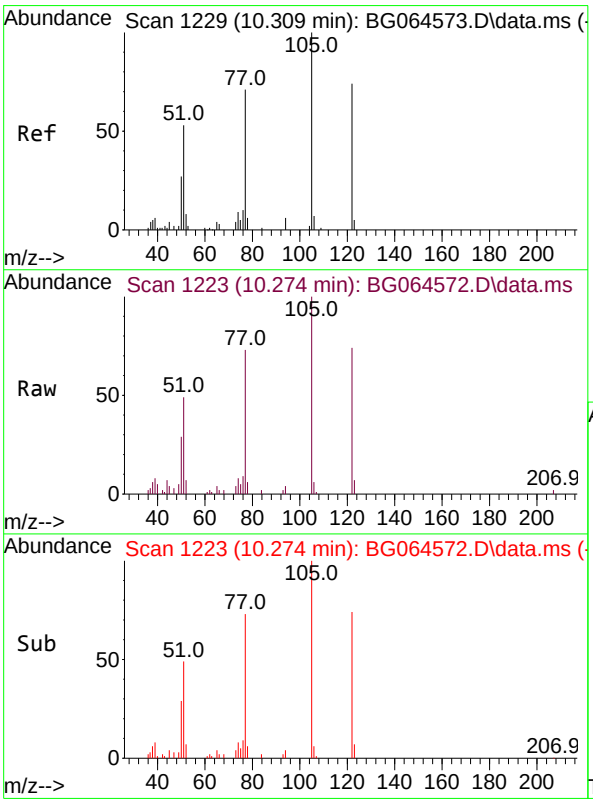
Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.9	10.6	15.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

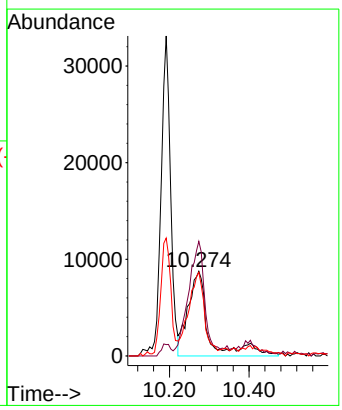
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

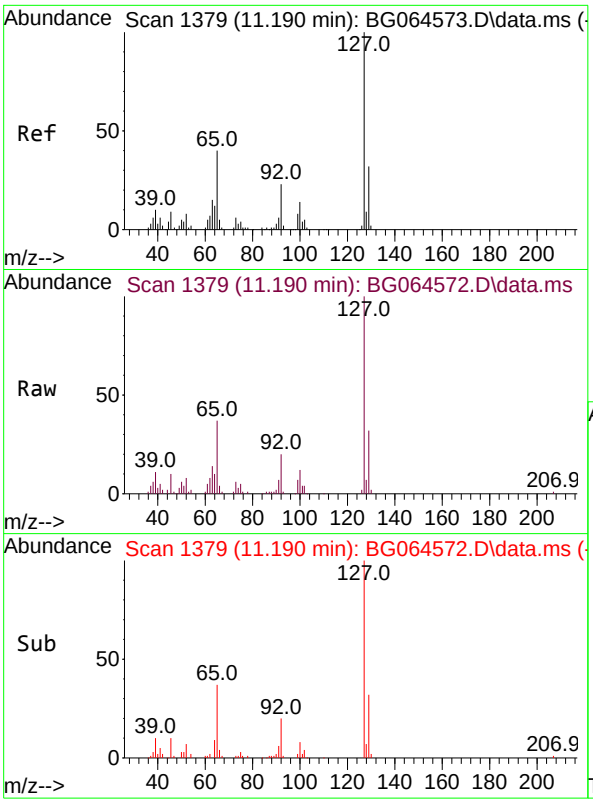


#32
Benzoic acid
Concen: 18.155 ng m
RT: 10.274 min Scan# 1223
Delta R.T. -0.035 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:122 Resp: 31567

Ion	Ratio	Lower	Upper
122	100		
105	135.4	104.2	144.2
77	99.0	70.2	110.2

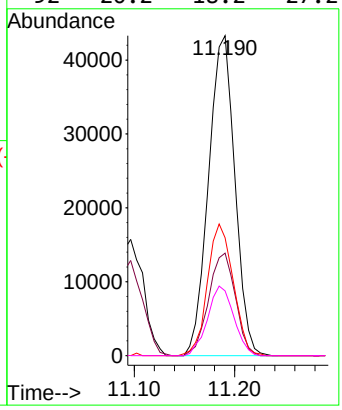




#33
4-Chloroaniline
Concen: 19.055 ng
RT: 11.190 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:127 Resp: 7906

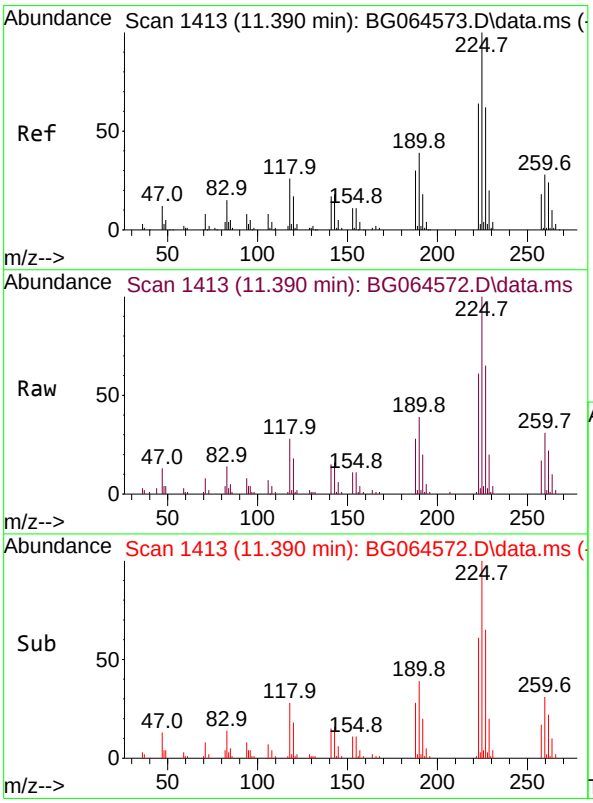
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.5	38.3
65	36.8	32.2	48.4
92	20.2	18.2	27.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

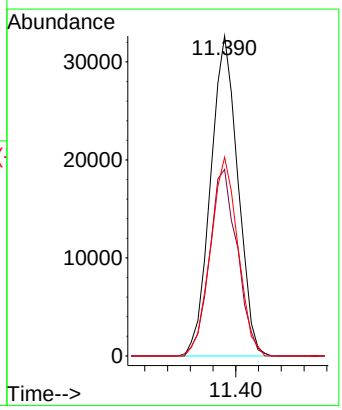
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

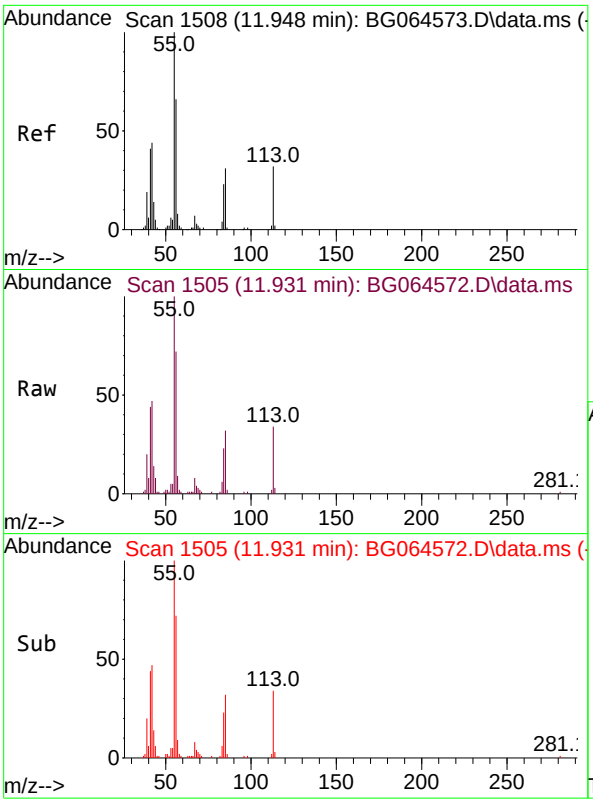


#34
Hexachlorobutadiene
Concen: 19.820 ng
RT: 11.390 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:225 Resp: 54233

Ion	Ratio	Lower	Upper
225	100		
223	58.3	48.8	73.2
227	62.1	49.5	74.3

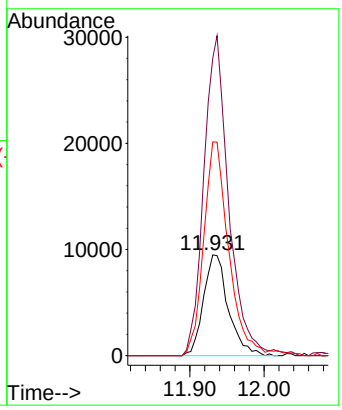




#35
Caprolactam
Concen: 18.635 ng
RT: 11.931 min Scan# 1
Delta R.T. -0.017 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:113 Resp: 2201

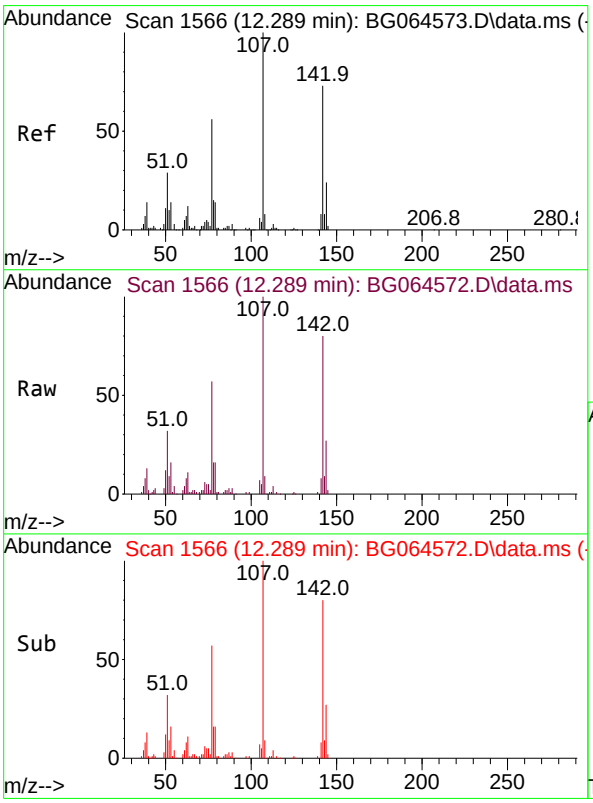
Ion	Ratio	Lower	Upper
113	100		
55	295.5	290.1	330.1
56	212.3	183.8	223.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

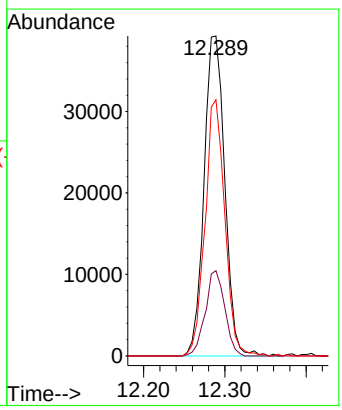
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

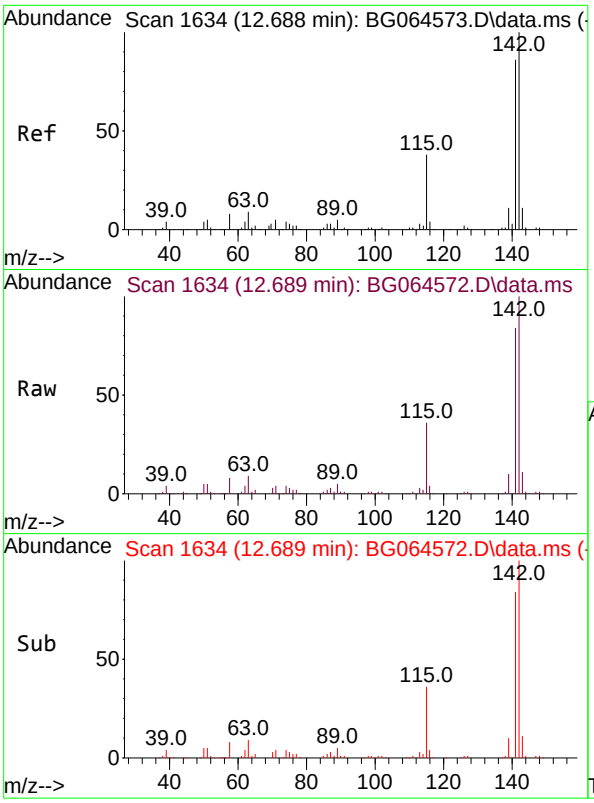


#36
4-Chloro-3-methylphenol
Concen: 18.798 ng
RT: 12.289 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:107 Resp: 69582

Ion	Ratio	Lower	Upper
107	100		
144	26.6	19.1	28.7
142	80.0	58.6	87.8

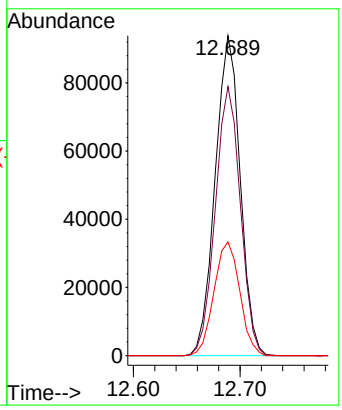




#37
2-Methylnaphthalene
Concen: 19.577 ng
RT: 12.689 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:142 Resp: 15344

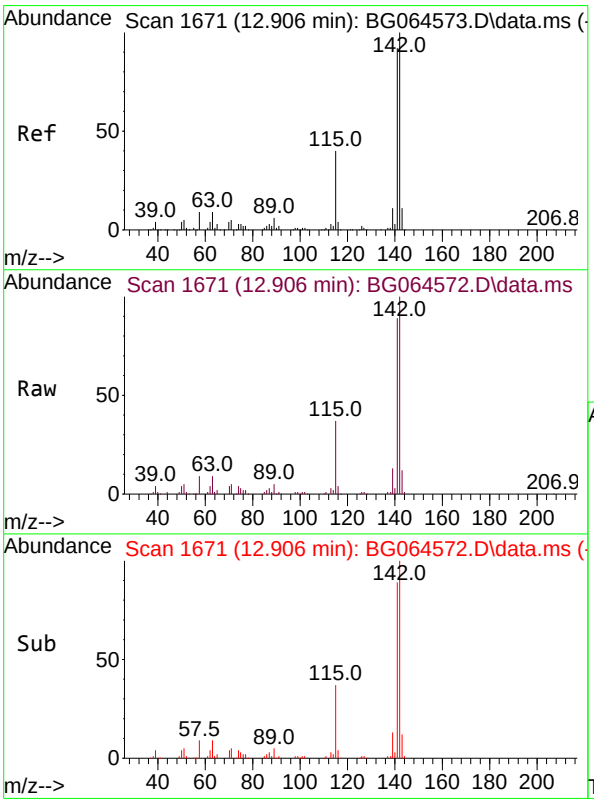
Ion	Ratio	Lower	Upper
142	100		
141	84.1	68.9	103.3
115	35.5	30.6	46.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

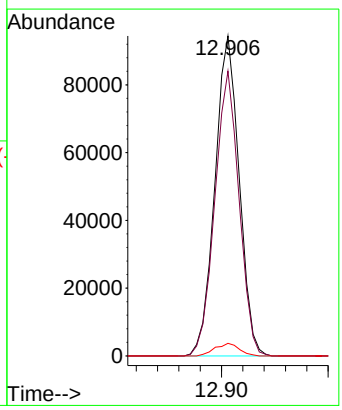
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

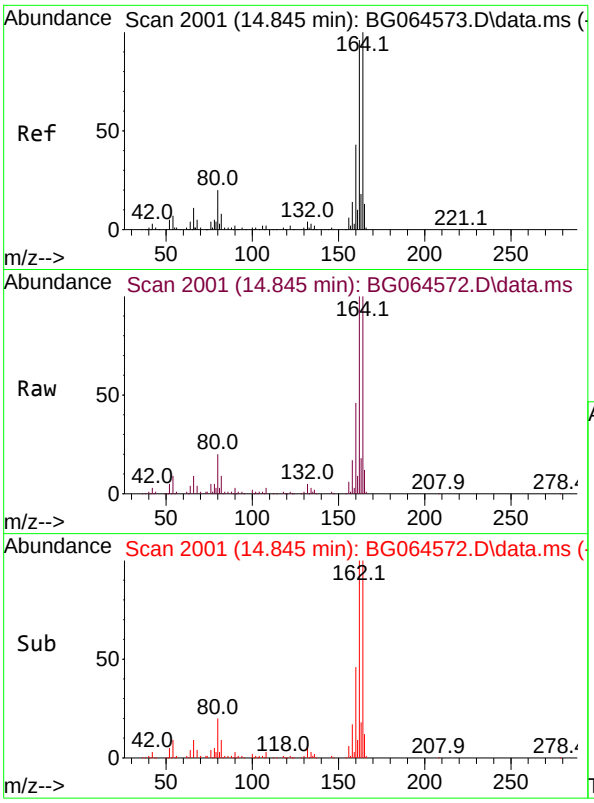


#38
1-Methylnaphthalene
Concen: 19.266 ng
RT: 12.906 min Scan# 1671
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:142 Resp: 149456

Ion	Ratio	Lower	Upper
142	100		
141	89.0	73.3	109.9
116	3.9	3.1	4.7

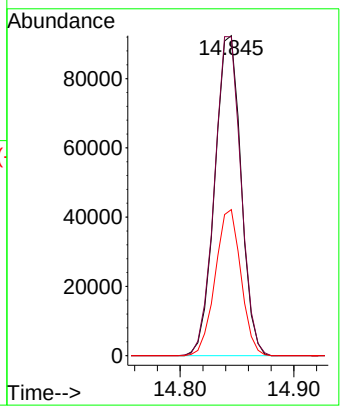




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.845 min Scan# 20
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:164 Resp: 14752

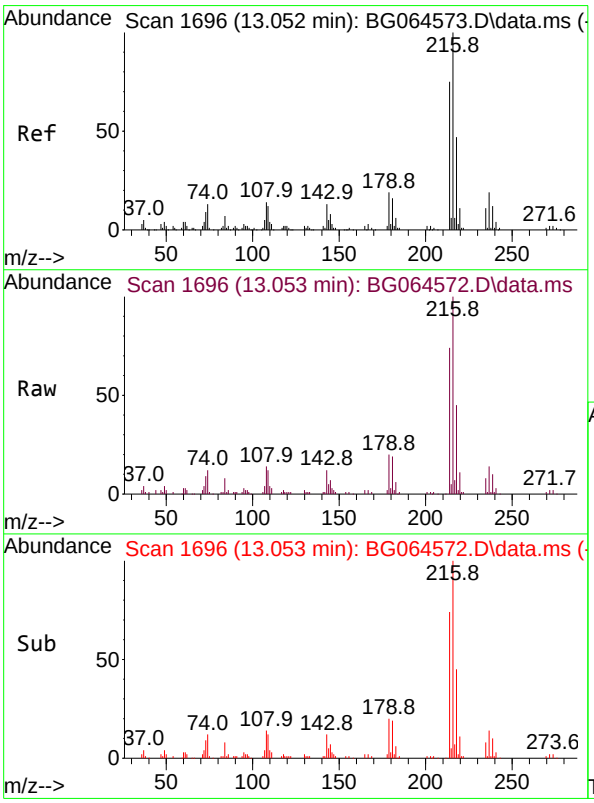
Ion	Ratio	Lower	Upper
164	100		
162	99.6	77.0	115.6
160	45.6	34.4	51.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

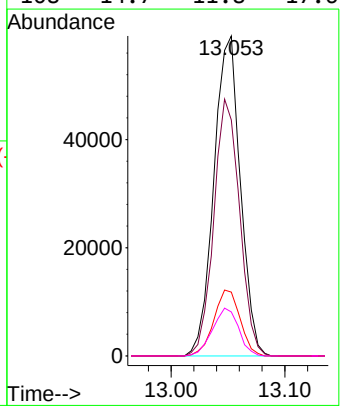
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

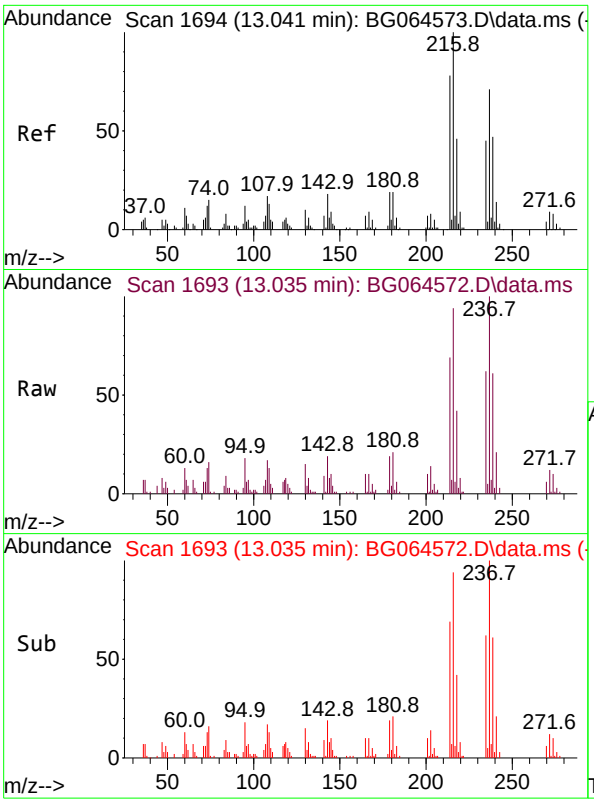


#40
1,2,4,5-Tetrachlorobenzene
Concen: 19.320 ng
RT: 13.053 min Scan# 1696
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:216 Resp: 95653

Ion	Ratio	Lower	Upper
216	100		
214	78.1	61.4	92.2
179	20.4	15.4	23.0
108	14.7	11.8	17.6

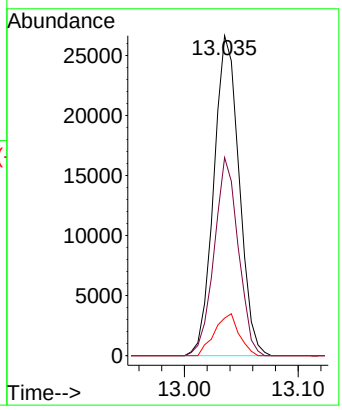




#41
Hexachlorocyclopentadiene
Concen: 18.479 ng
RT: 13.035 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:237 Resp: 4117

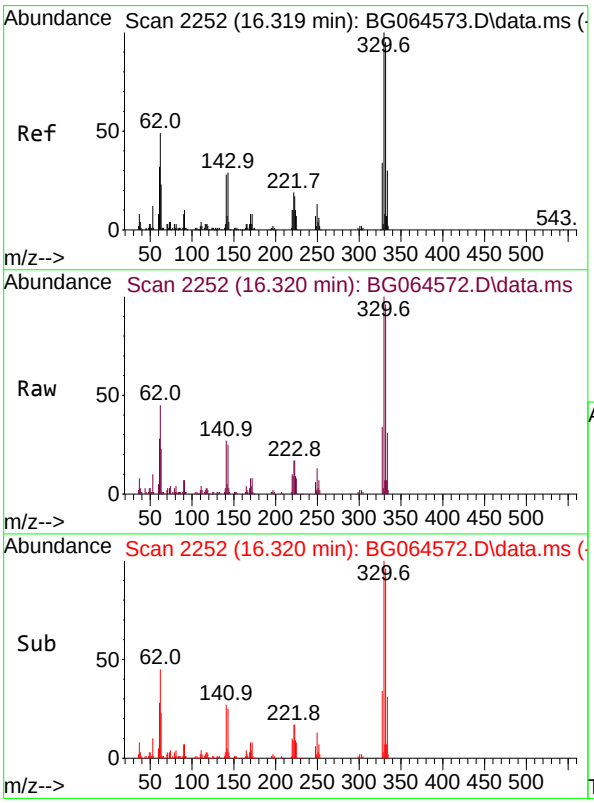
Ion	Ratio	Lower	Upper
237	100		
235	61.9	44.1	84.1
272	11.7	0.0	32.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

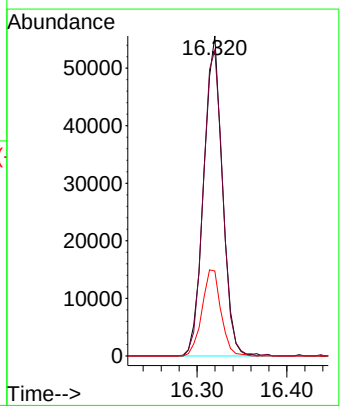
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

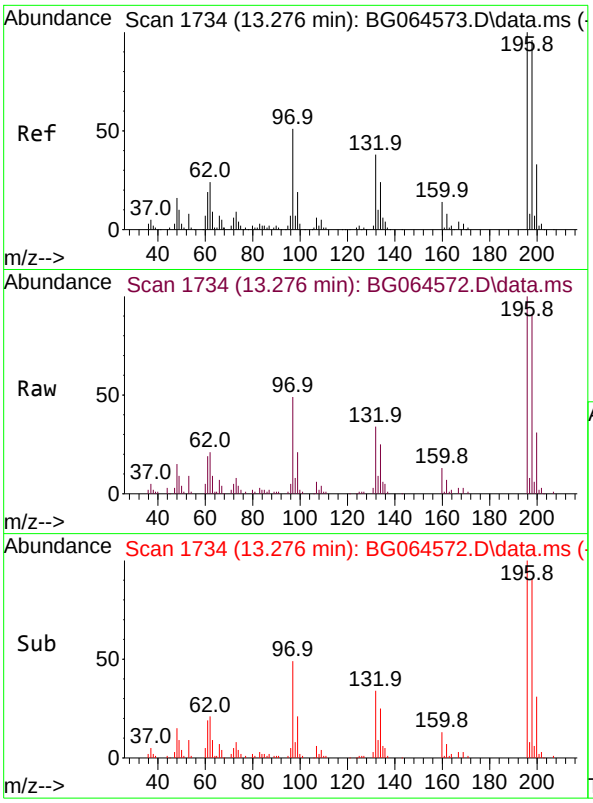


#42
2,4,6-Tribromophenol
Concen: 37.682 ng
RT: 16.320 min Scan# 2252
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:330 Resp: 80231

Ion	Ratio	Lower	Upper
330	100		
332	99.2	78.0	117.0
141	27.2	21.8	32.6

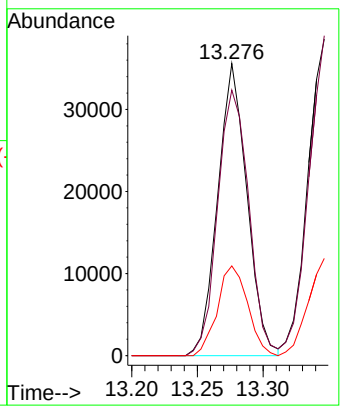




#43
2,4,6-Trichlorophenol
Concen: 19.525 ng
RT: 13.276 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:196 Resp: 5529

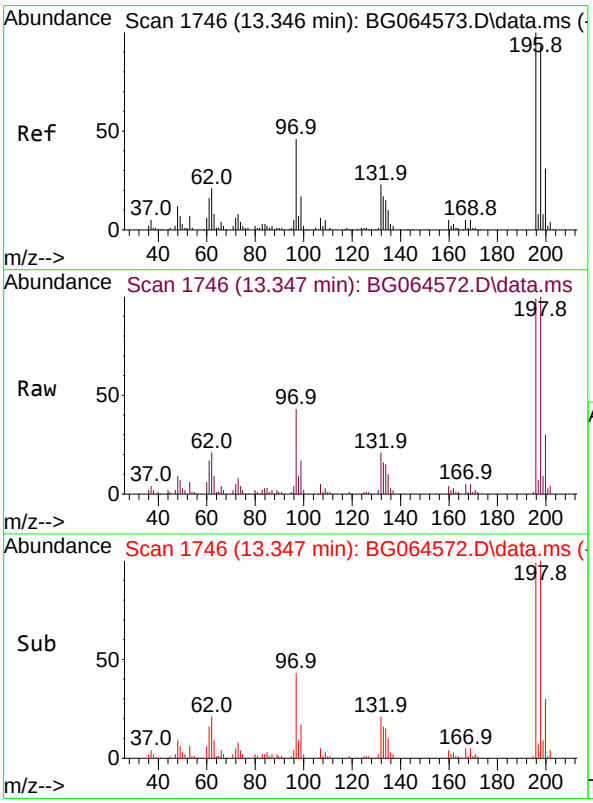
Ion	Ratio	Lower	Upper
196	100		
198	90.9	76.6	115.0
200	30.7	26.0	39.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

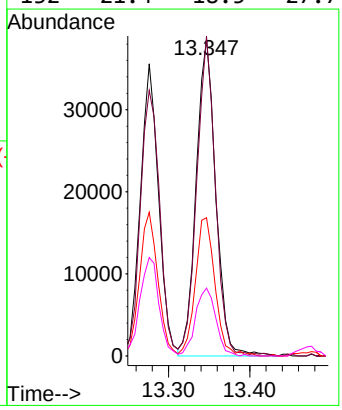
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

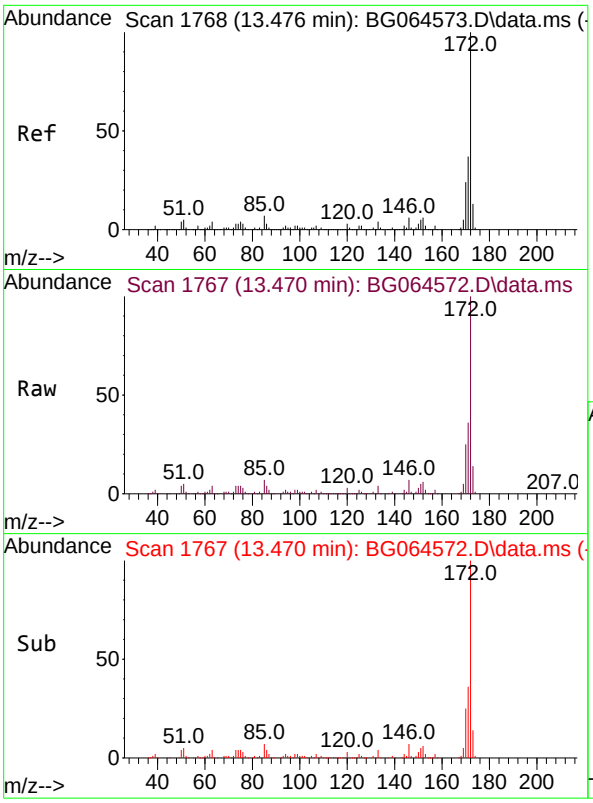


#44
2,4,5-Trichlorophenol
Concen: 19.814 ng
RT: 13.347 min Scan# 1746
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:196 Resp: 64753

Ion	Ratio	Lower	Upper
196	100		
198	101.1	74.2	111.4
97	43.6	37.0	55.6
132	21.4	18.5	27.7

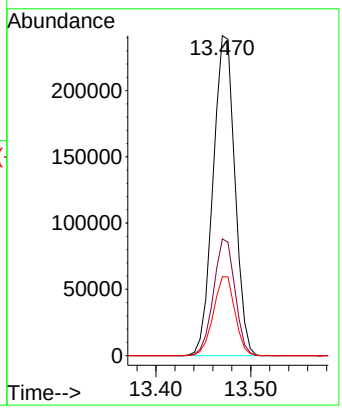




#45
2-Fluorobiphenyl
Concen: 39.584 ng
RT: 13.470 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:172 Resp: 38525

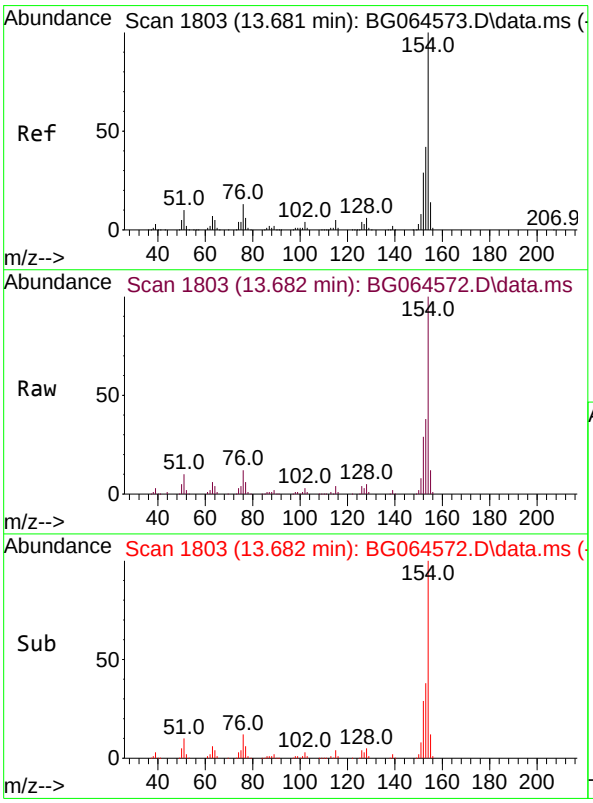
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.7	19.1	28.7



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

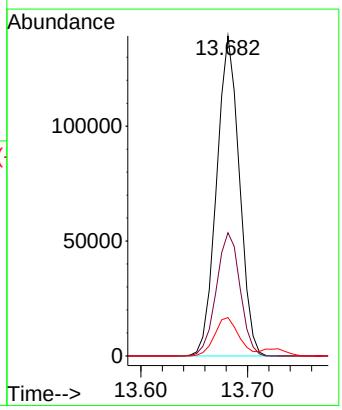
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

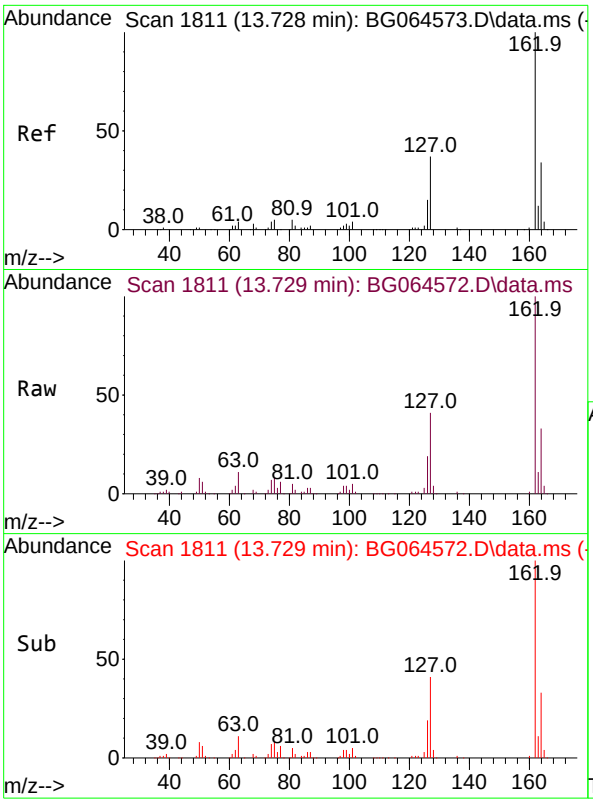


#46
1,1'-Biphenyl
Concen: 19.705 ng
RT: 13.682 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:154 Resp: 206656

Ion	Ratio	Lower	Upper
154	100		
153	38.5	22.4	62.4
76	12.0	0.0	33.5

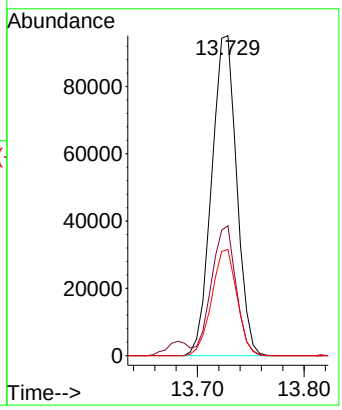




#47
2-Chloronaphthalene
Concen: 19.625 ng
RT: 13.729 min Scan# 18
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:162 Resp: 15535

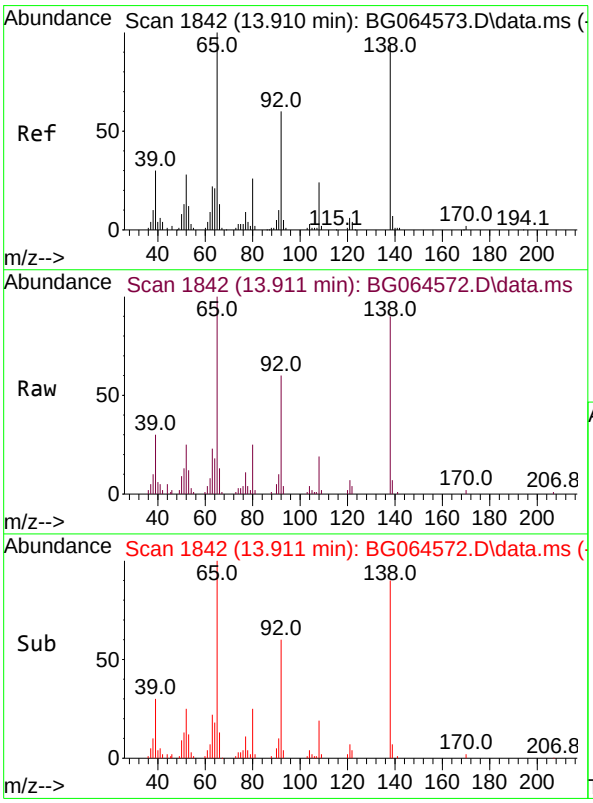
Ion	Ratio	Lower	Upper
162	100		
127	40.6	32.2	48.2
164	33.2	27.5	41.3



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

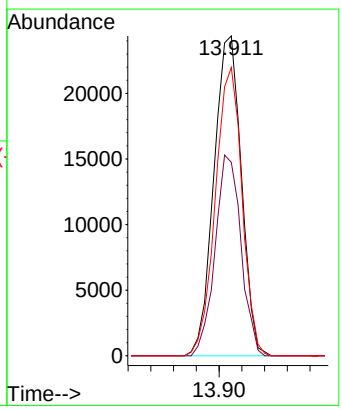
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

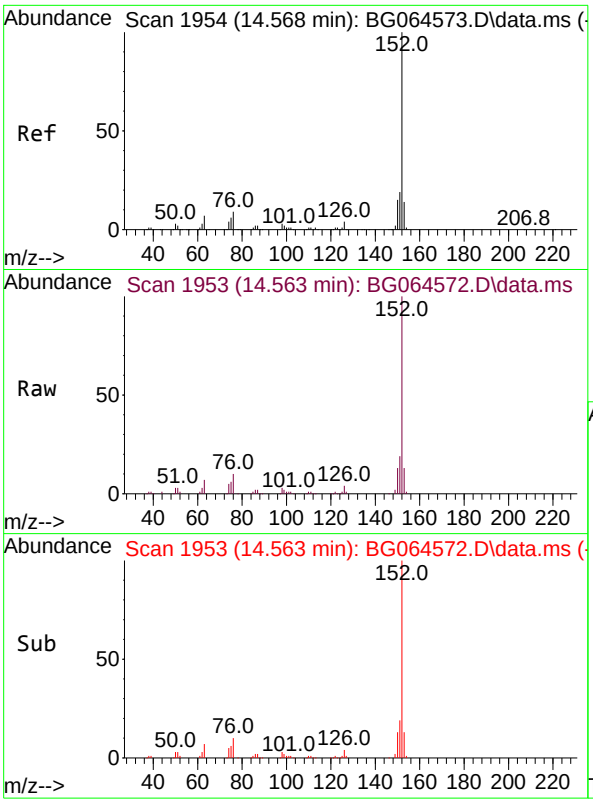


#48
2-Nitroaniline
Concen: 17.565 ng
RT: 13.911 min Scan# 1842
Delta R.T. 0.001 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion: 65 Resp: 40854

Ion	Ratio	Lower	Upper
65	100		
92	60.5	48.3	72.5
138	90.1	74.9	112.3

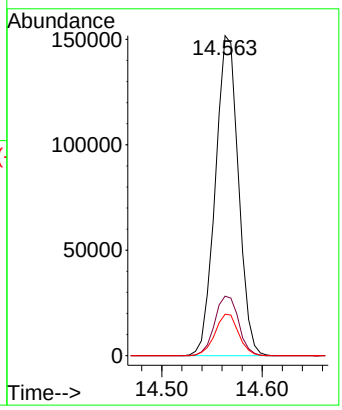




#49
Acenaphthylene
Concen: 19.454 ng
RT: 14.563 min Scan# 19
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:152 Resp: 242914

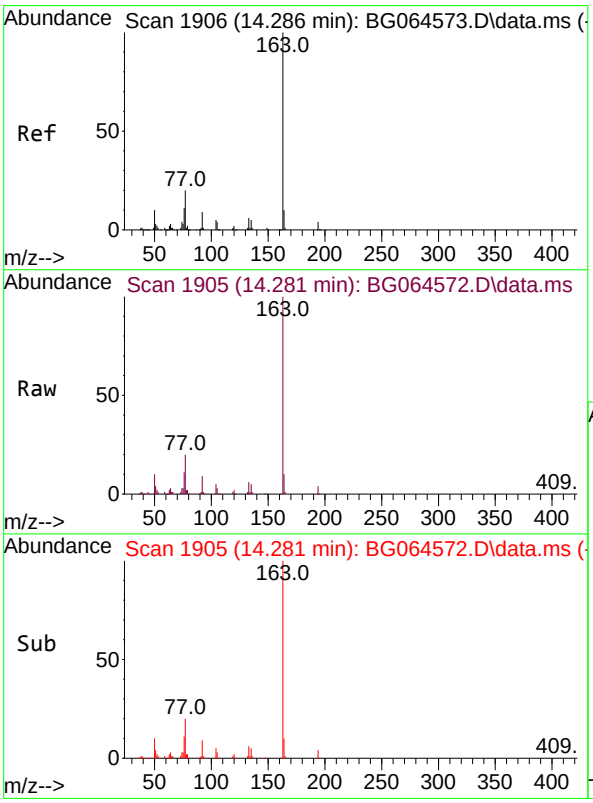
Ion	Ratio	Lower	Upper
152	100		
151	18.6	15.4	23.2
153	12.9	11.0	16.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

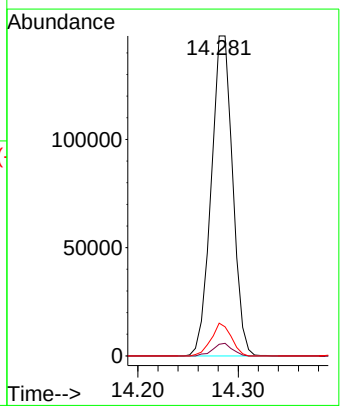
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

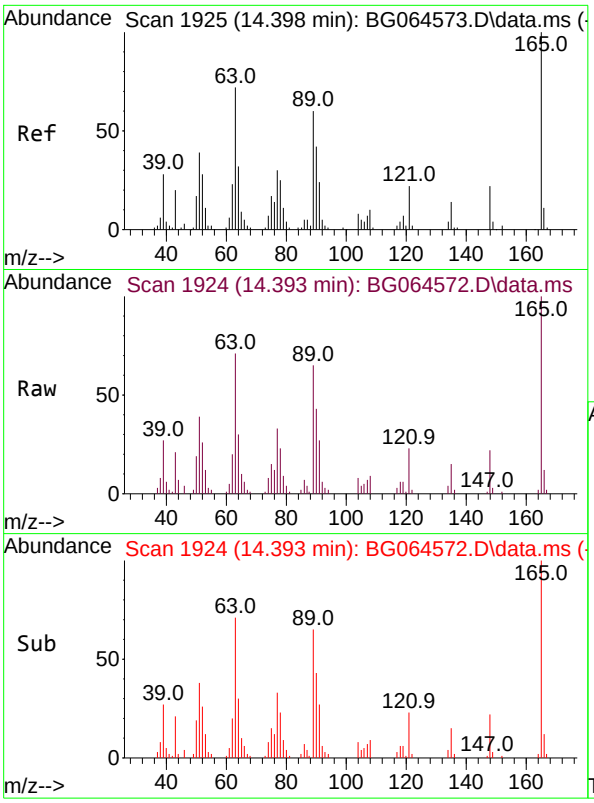


#50
Dimethylphthalate
Concen: 19.452 ng
RT: 14.281 min Scan# 1905
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:163 Resp: 219575

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.8	4.2
164	10.2	7.7	11.5

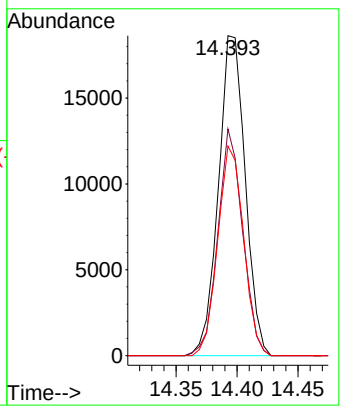




#51
2,6-Dinitrotoluene
Concen: 17.440 ng
RT: 14.393 min Scan# 19
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:165 Resp: 2842

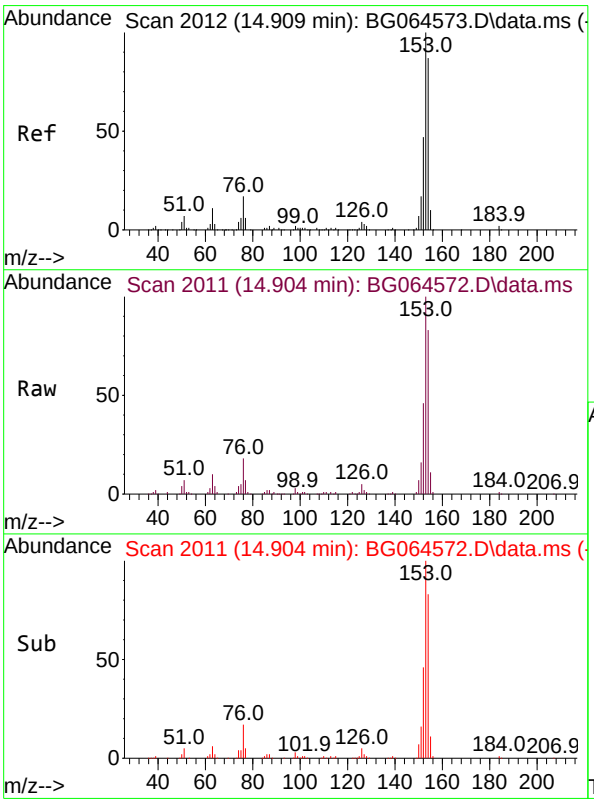
Ion	Ratio	Lower	Upper
165	100		
63	70.8	57.4	86.0
89	65.5	47.8	71.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

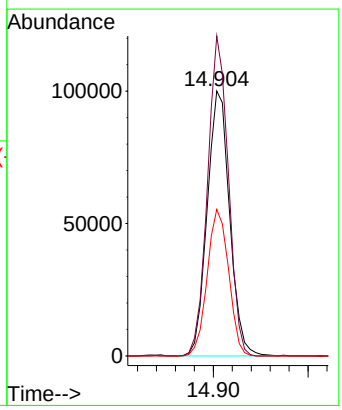
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

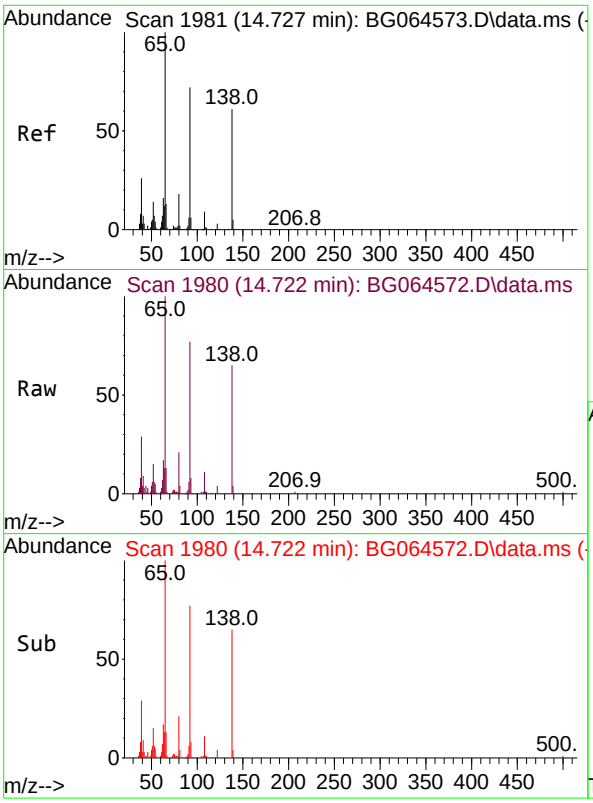


#52
Acenaphthene
Concen: 19.287 ng
RT: 14.904 min Scan# 2011
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:154 Resp: 164542

Ion	Ratio	Lower	Upper
154	100		
153	120.8	92.2	138.4
152	55.3	43.2	64.8

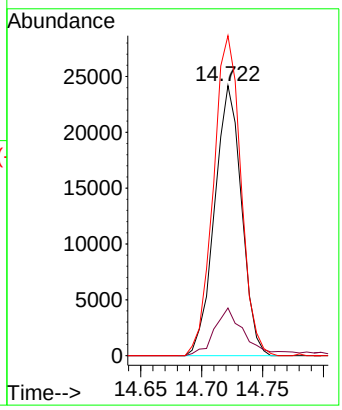




#53
3-Nitroaniline
Concen: 19.193 ng
RT: 14.722 min Scan# 19
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:138 Resp: 3723

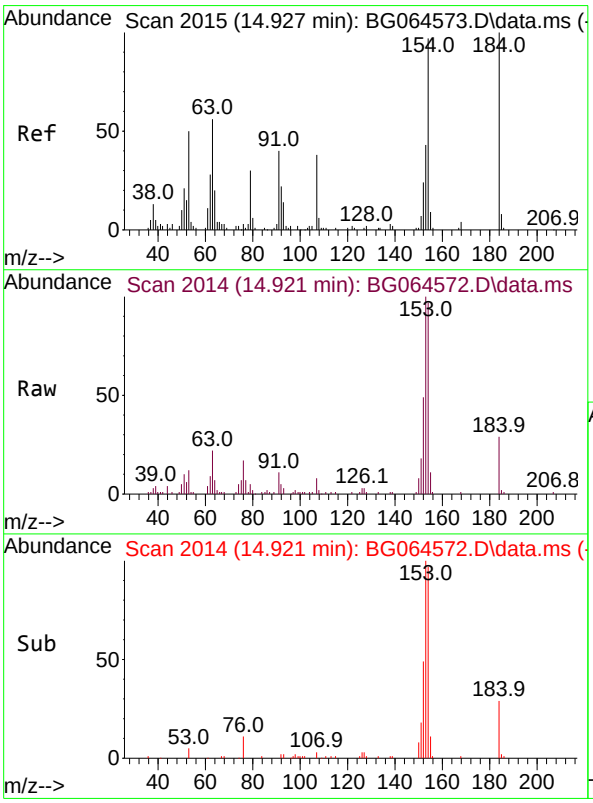
Ion	Ratio	Lower	Upper
138	100		
108	17.6	11.4	17.0#
92	118.5	95.3	142.9



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

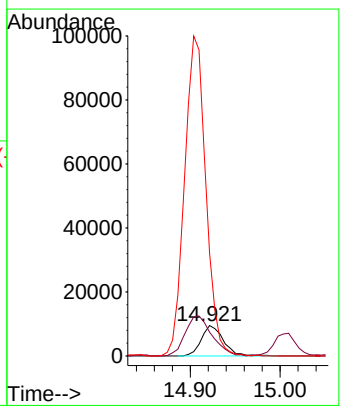
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

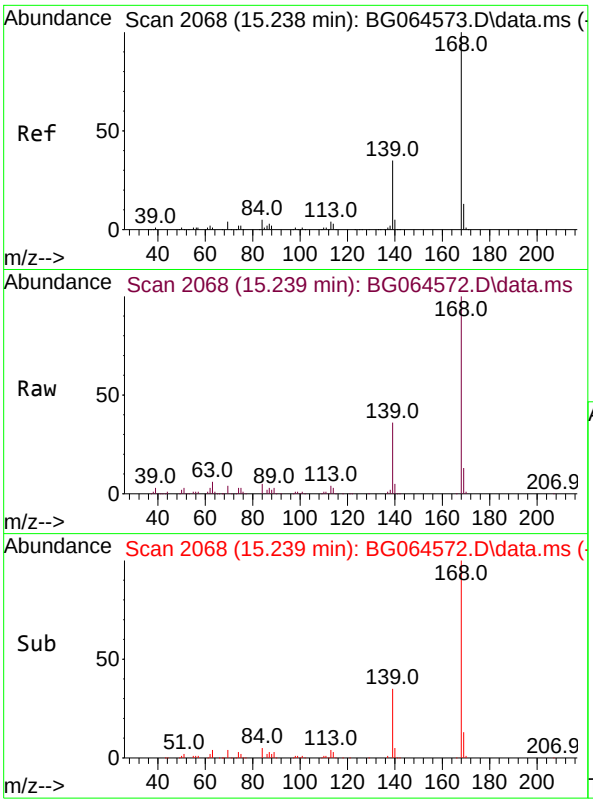


#54
2,4-Dinitrophenol
Concen: 18.744 ng
RT: 14.921 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:184 Resp: 16182

Ion	Ratio	Lower	Upper
184	100		
63	78.3	56.6	85.0
154	339.0	158.6	238.0#

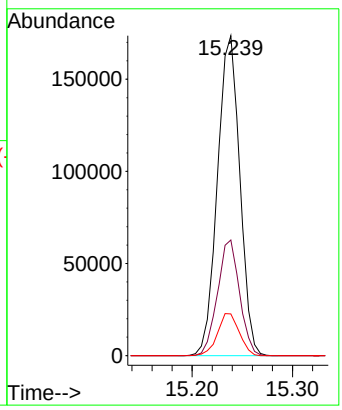




#55
Dibenzofuran
Concen: 19.534 ng
RT: 15.239 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:168 Resp: 26941

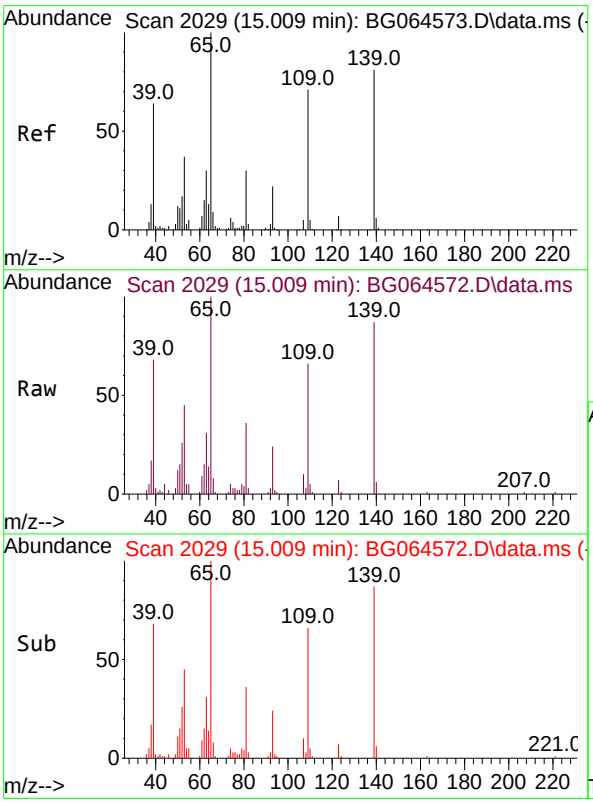
Ion	Ratio	Lower	Upper
168	100		
139	36.1	27.8	41.8
169	13.0	10.3	15.5



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

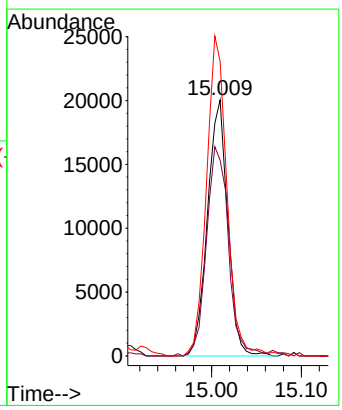
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

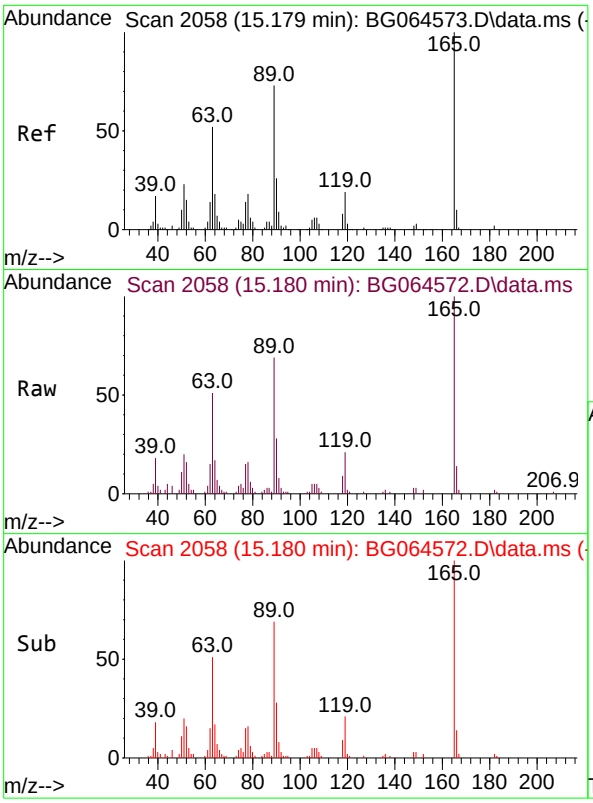


#56
4-Nitrophenol
Concen: 17.439 ng
RT: 15.009 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:139 Resp: 31366

Ion	Ratio	Lower	Upper
139	100		
109	76.4	67.8	107.8
65	115.0	103.7	143.7

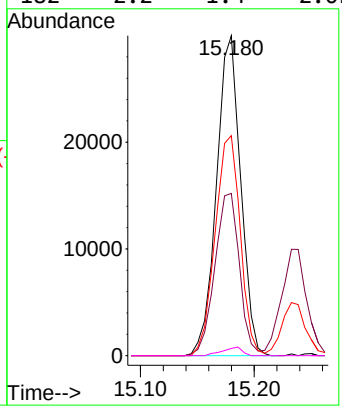




#57
2,4-Dinitrotoluene
Concen: 17.427 ng
RT: 15.180 min Scan# 20
Delta R.T. 0.001 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:165 Resp: 4420

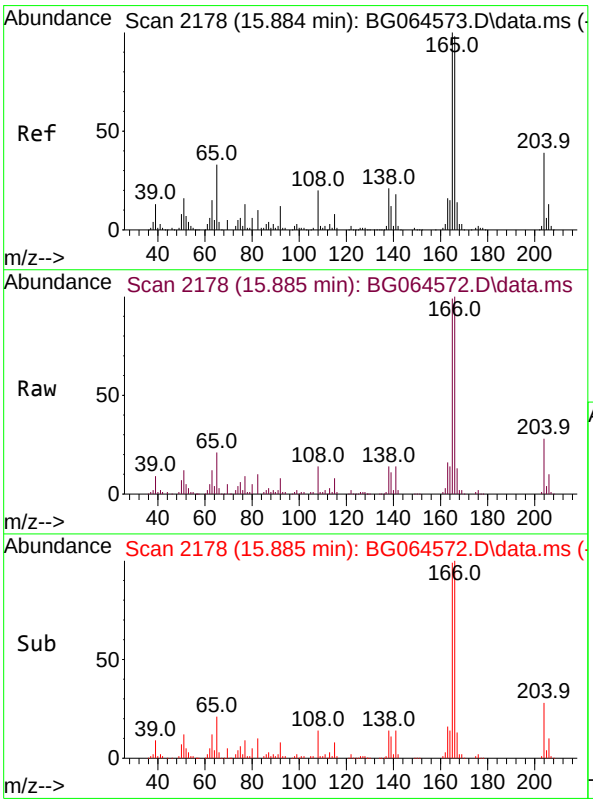
Ion	Ratio	Lower	Upper
165	100		
63	50.7	41.8	62.8
89	68.7	58.1	87.1
182	2.2	1.4	2.0#



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

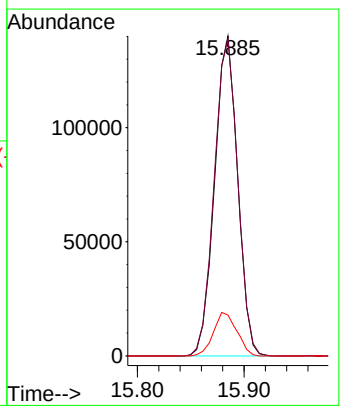
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

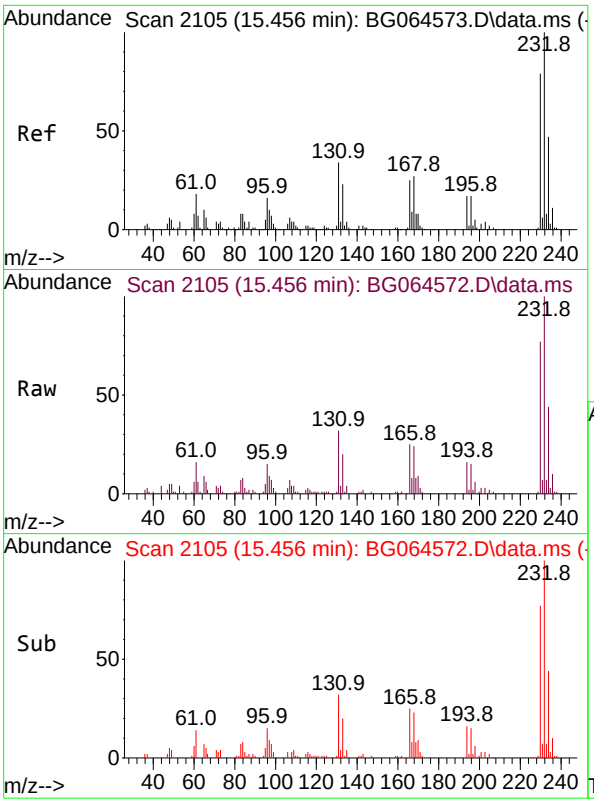


#58
Fluorene
Concen: 19.536 ng
RT: 15.885 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:166 Resp: 210426

Ion	Ratio	Lower	Upper
166	100		
165	99.0	81.5	122.3
167	12.8	11.4	17.0

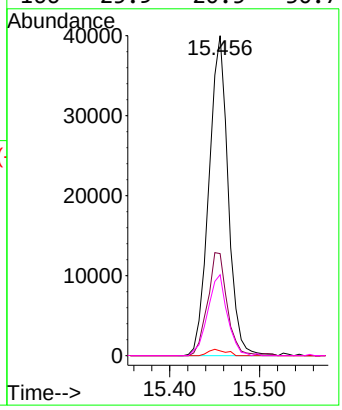




#59
2,3,4,6-Tetrachlorophenol
Concen: 18.980 ng
RT: 15.456 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:232 Resp: 59314

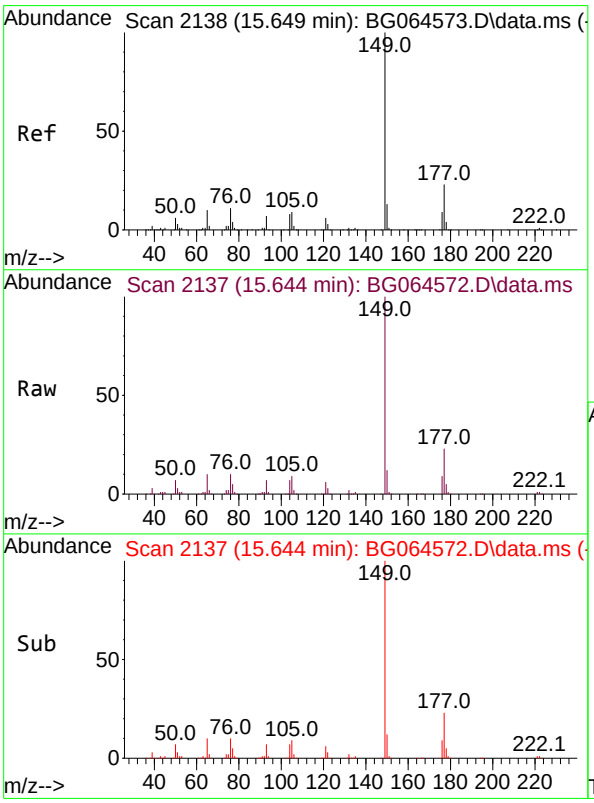
Ion	Ratio	Lower	Upper
232	100		
131	32.5	26.7	40.1
130	1.8	1.6	2.4
166	25.9	20.5	30.7



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

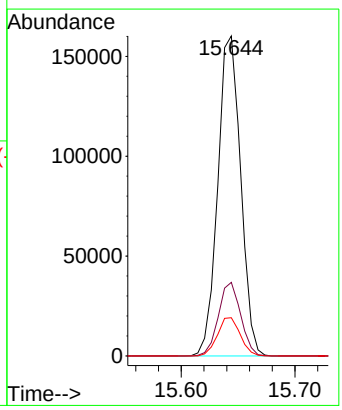
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

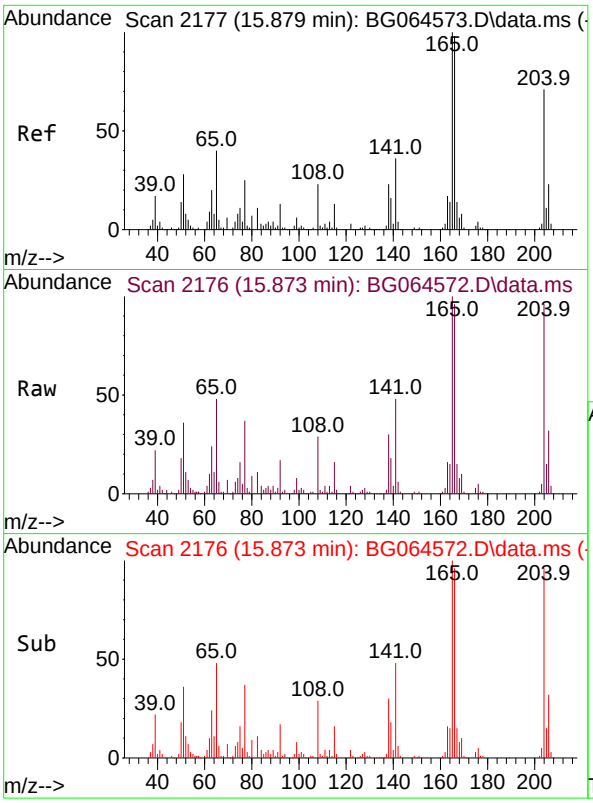


#60
Diethylphthalate
Concen: 19.382 ng
RT: 15.644 min Scan# 2137
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:149 Resp: 223398

Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.0	27.0
150	11.9	10.2	15.4

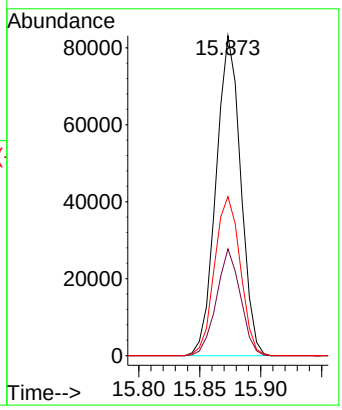




#61
4-Chlorophenyl-phenylether
Concen: 19.333 ng
RT: 15.873 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:204 Resp: 11686

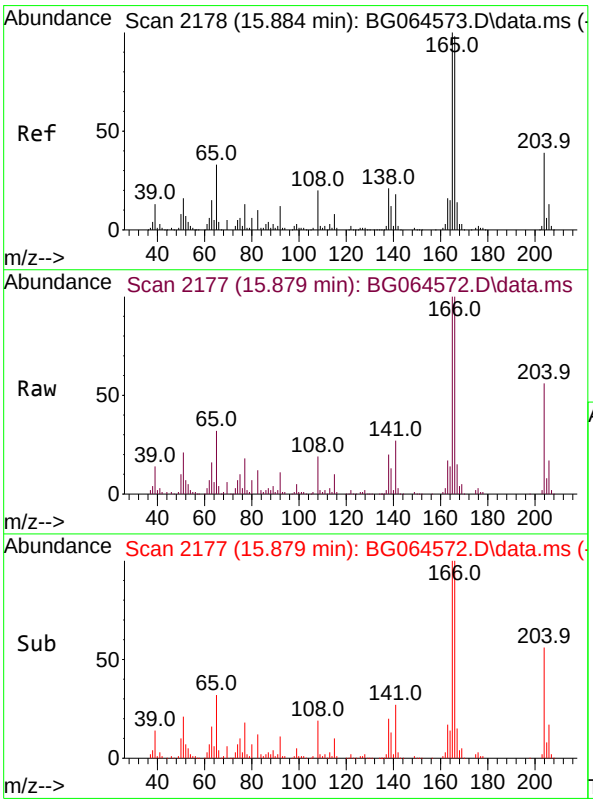
Ion	Ratio	Lower	Upper
204	100		
206	33.3	25.6	38.4
141	49.7	40.6	60.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

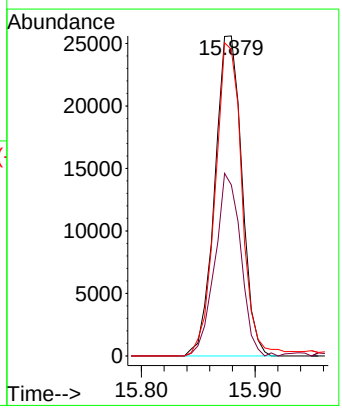
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

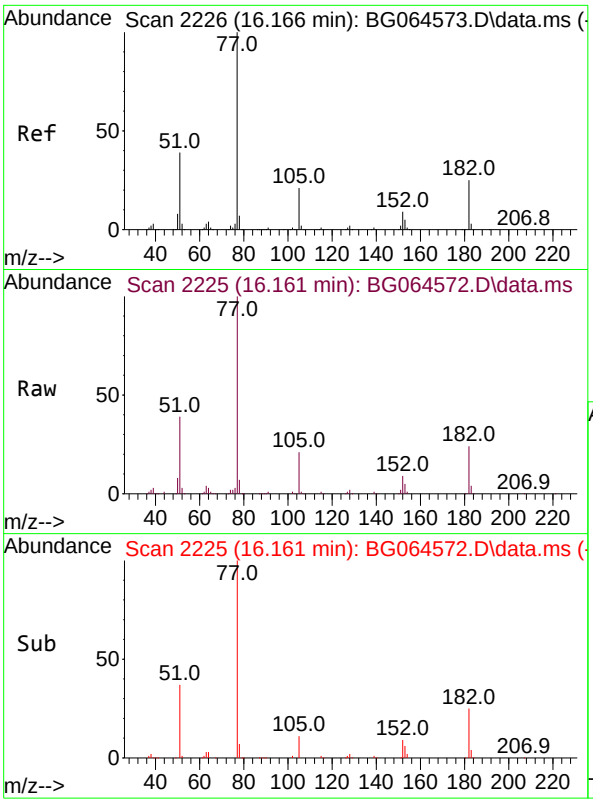


#62
4-Nitroaniline
Concen: 19.582 ng
RT: 15.879 min Scan# 2177
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:138 Resp: 42261

Ion	Ratio	Lower	Upper
138	100		
92	53.4	36.1	76.1
108	95.8	75.6	115.6

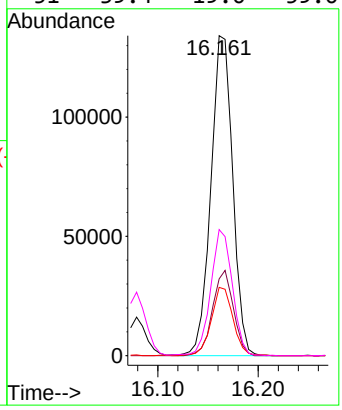




#63
Azobenzene
Concen: 19.205 ng
RT: 16.161 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion: 77 Resp: 203101

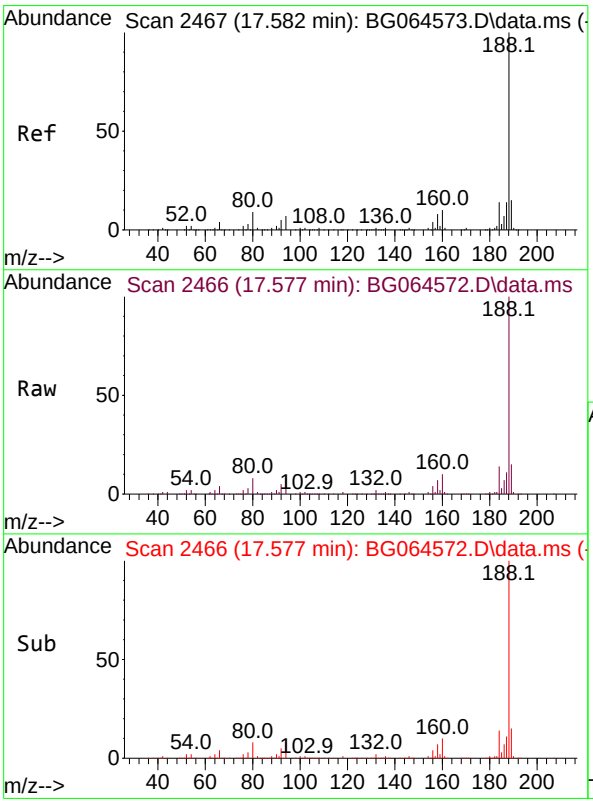
Ion	Ratio	Lower	Upper
77	100		
182	24.0	4.9	44.9
105	21.3	1.3	41.3
51	39.4	19.0	59.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

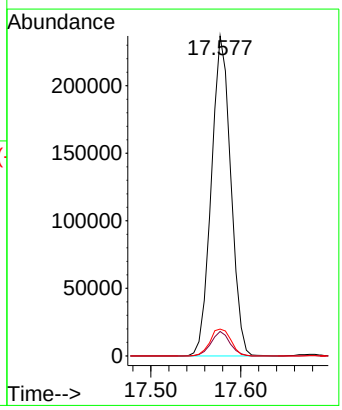
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

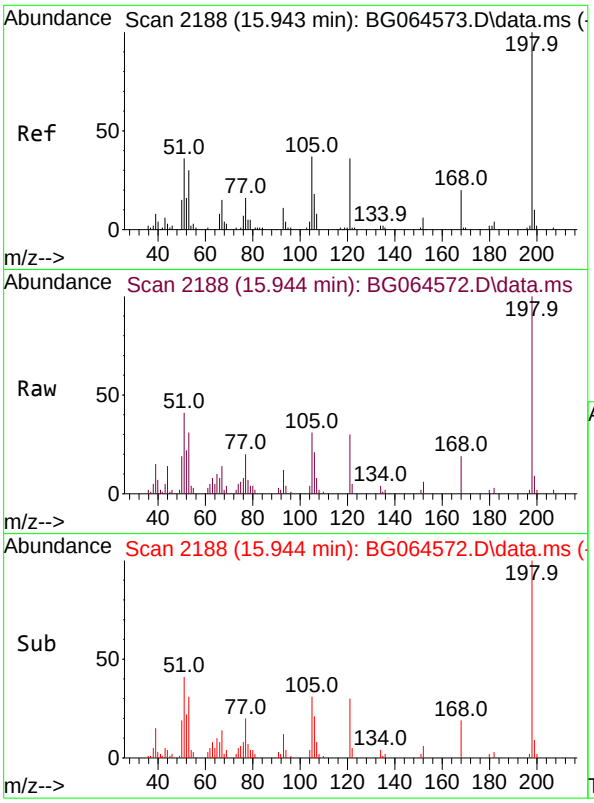


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.577 min Scan# 2466
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:188 Resp: 357228

Ion	Ratio	Lower	Upper
188	100		
94	7.6	5.7	8.5
80	8.4	6.8	10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 18.316 ng
RT: 15.944 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

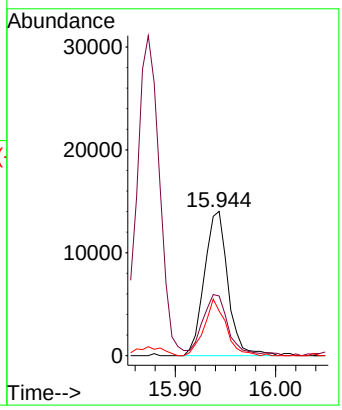
Tgt Ion:198 Resp: 2284

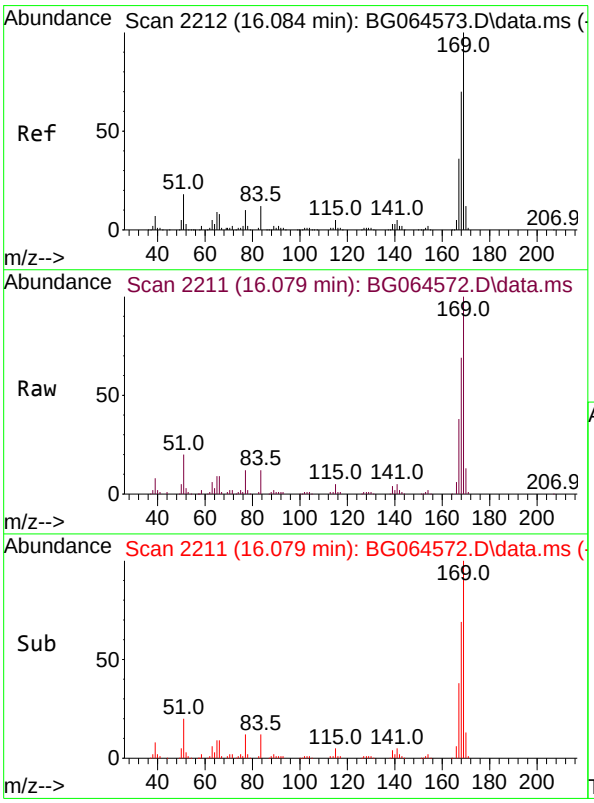
Ion	Ratio	Lower	Upper
198	100		
51	41.3	24.7	64.7
105	30.8	18.0	58.0

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

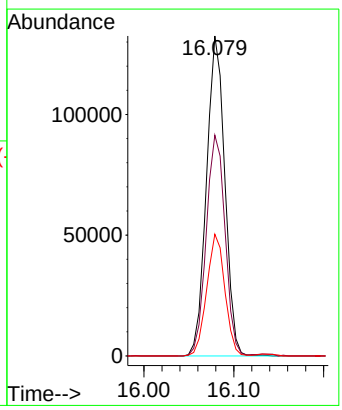


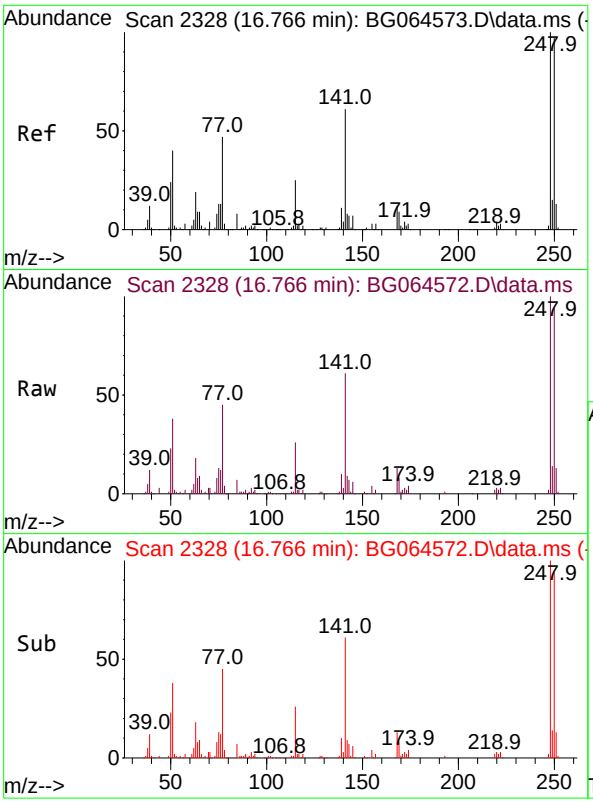


#66
n-Nitrosodiphenylamine
Concen: 19.437 ng
RT: 16.079 min Scan# 2211
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:169 Resp: 187560

Ion	Ratio	Lower	Upper
169	100		
168	69.0	56.3	84.5
167	38.0	29.0	43.6

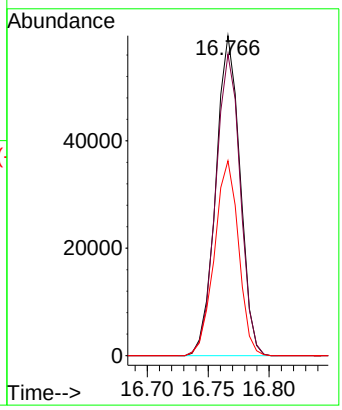




#67
4-Bromophenyl-phenylether
Concen: 19.444 ng
RT: 16.766 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:248 Resp: 8231

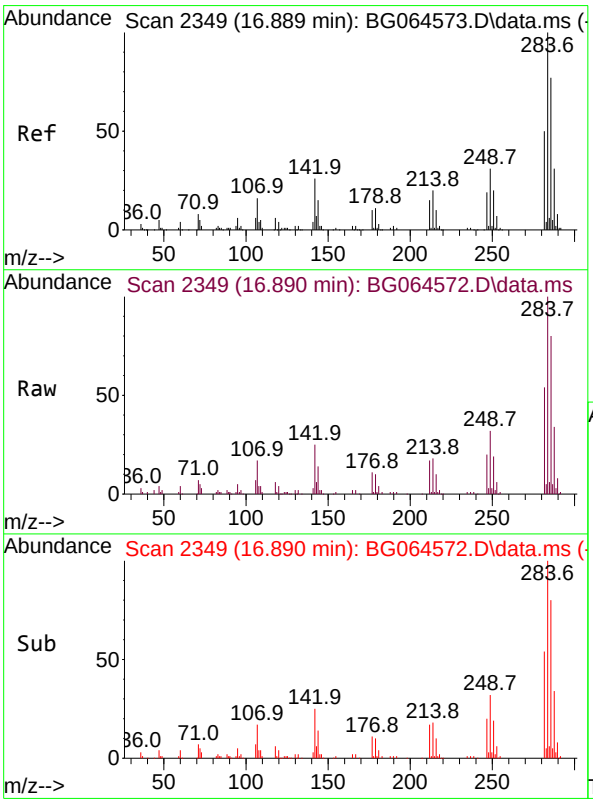
Ion	Ratio	Lower	Upper
248	100		
250	94.2	77.7	116.5
141	60.9	48.6	72.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations
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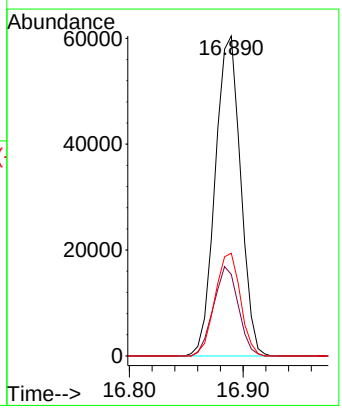
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

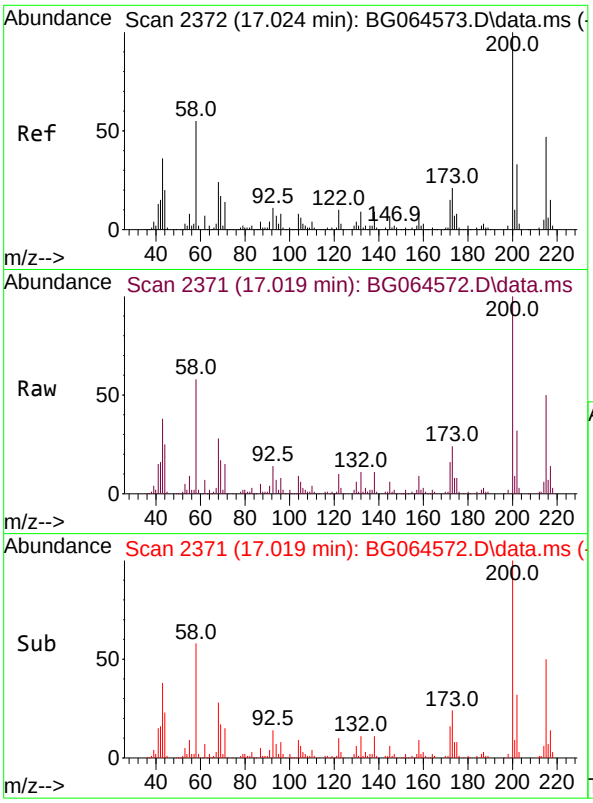


#68
Hexachlorobenzene
Concen: 19.391 ng
RT: 16.890 min Scan# 2349
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:284 Resp: 93647

Ion	Ratio	Lower	Upper
284	100		
142	25.4	21.0	31.6
249	34.6	24.9	37.3

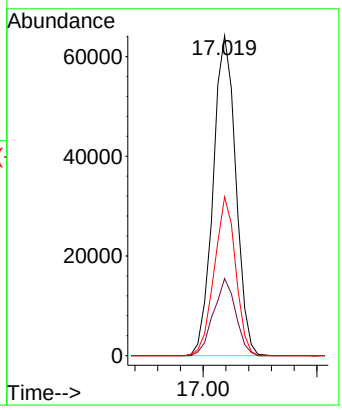




#69
Atrazine
Concen: 21.392 ng
RT: 17.019 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:200 Resp: 8883

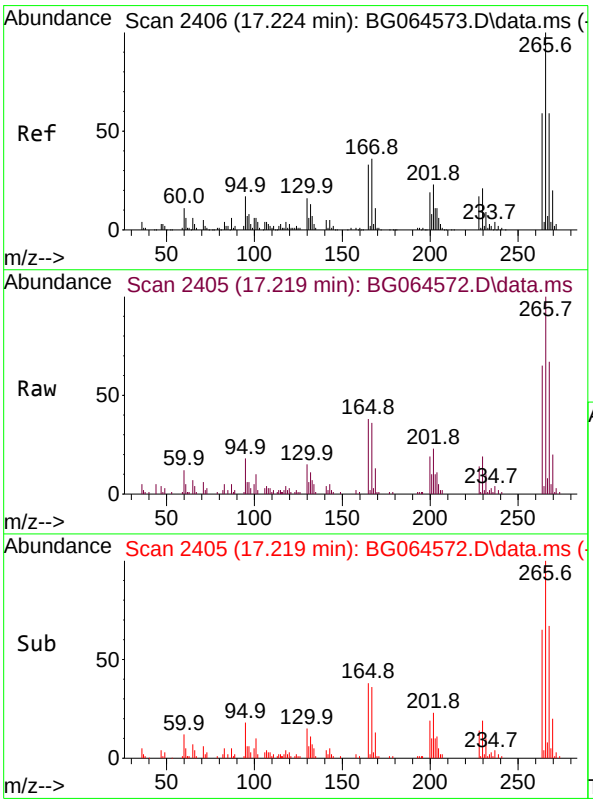
Ion	Ratio	Lower	Upper
200	100		
173	24.1	0.9	40.9
215	49.6	27.0	67.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations
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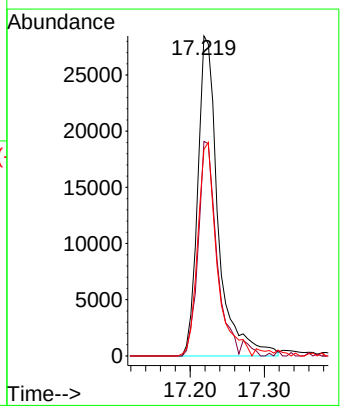
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

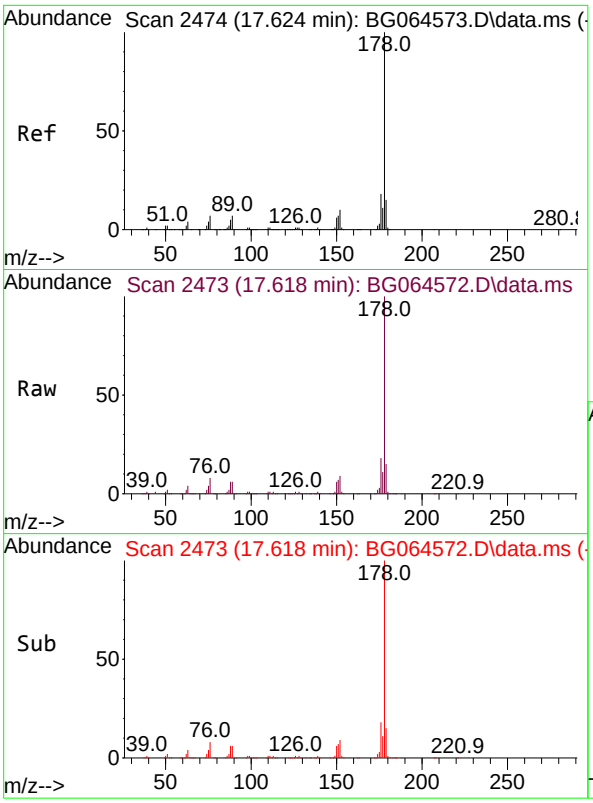


#70
Pentachlorophenol
Concen: 18.022 ng
RT: 17.219 min Scan# 2405
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:266 Resp: 54275

Ion	Ratio	Lower	Upper
266	100		
268	71.7	50.3	75.5
264	68.9	47.3	70.9

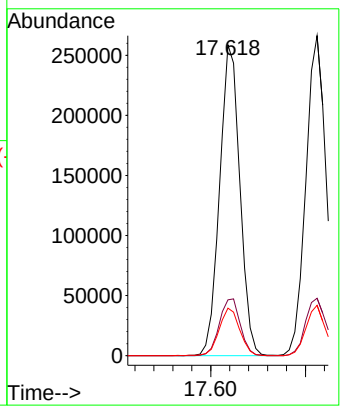




#71
Phenanthrene
Concen: 19.624 ng
RT: 17.618 min Scan# 24
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:178 Resp: 383359

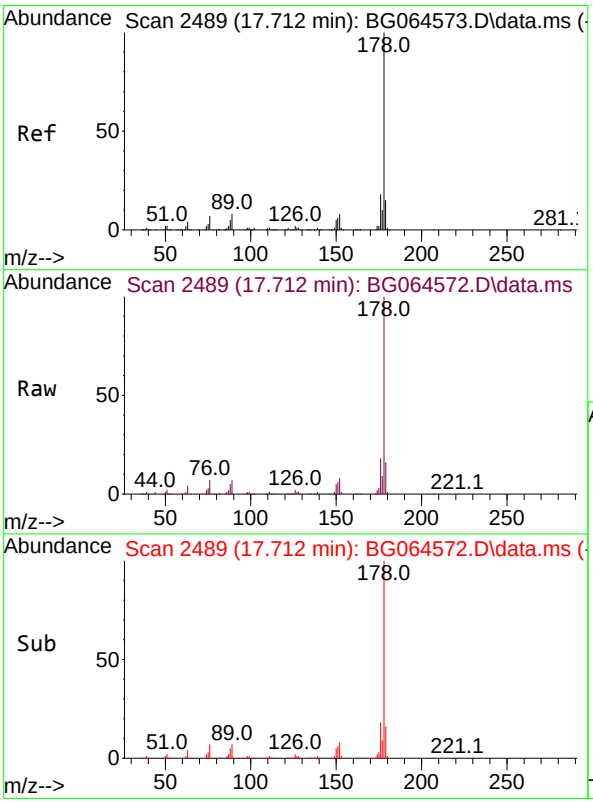
Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.7	22.1
179	15.3	12.2	18.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations
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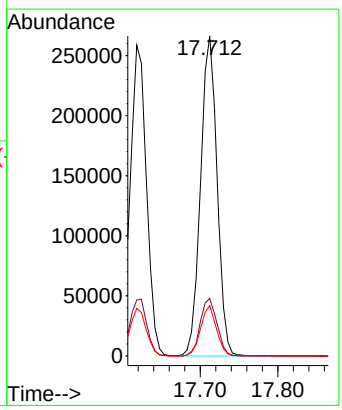
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

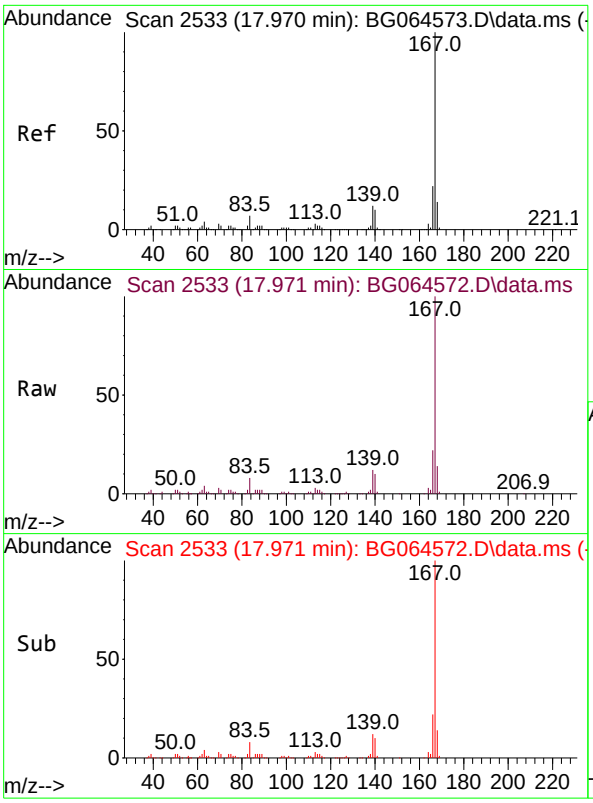


#72
Anthracene
Concen: 19.792 ng
RT: 17.712 min Scan# 2489
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:178 Resp: 393312

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.4	21.6
179	15.7	12.4	18.6

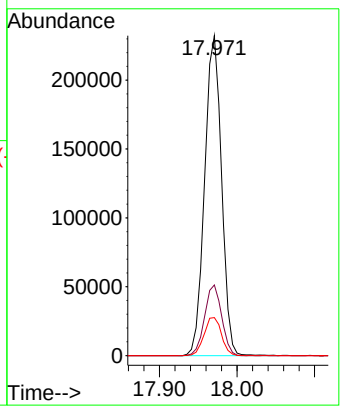




#73
Carbazole
Concen: 20.014 ng
RT: 17.971 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:167 Resp: 35072

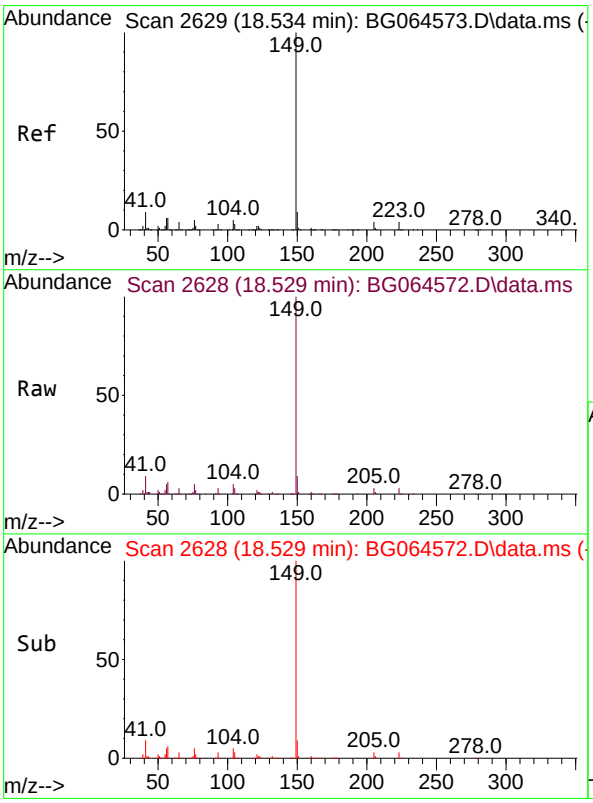
Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.9	26.9
139	11.9	9.7	14.5



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations
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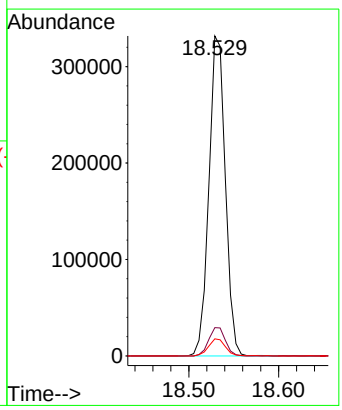
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

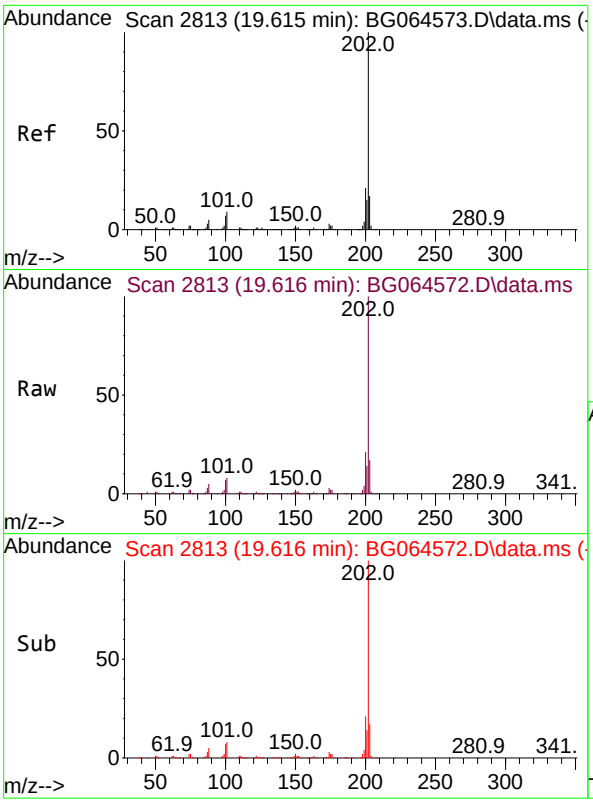


#74
Di-n-butylphthalate
Concen: 20.788 ng
RT: 18.529 min Scan# 2628
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:149 Resp: 421239

Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.0	10.6
104	5.4	4.1	6.1

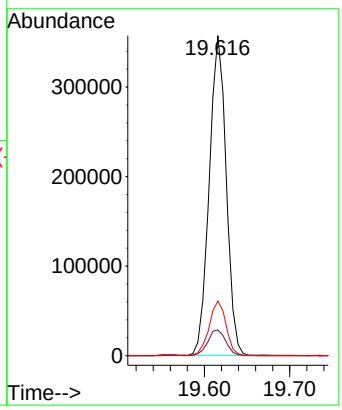




#75
Fluoranthene
Concen: 20.142 ng
RT: 19.616 min Scan# 28
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:202 Resp: 49292

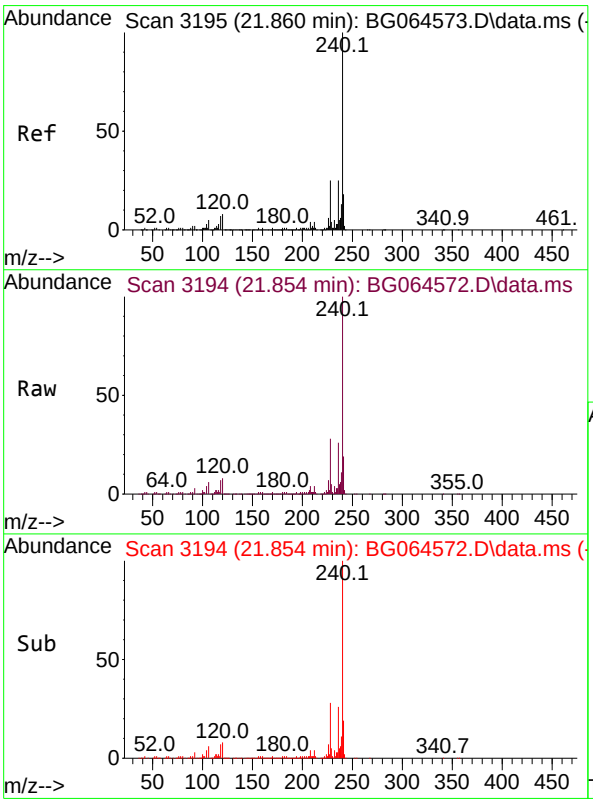
Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	28.7
203	17.0	0.0	37.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

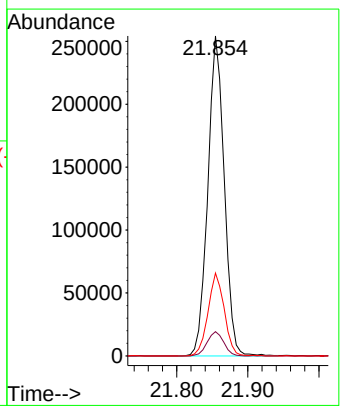
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

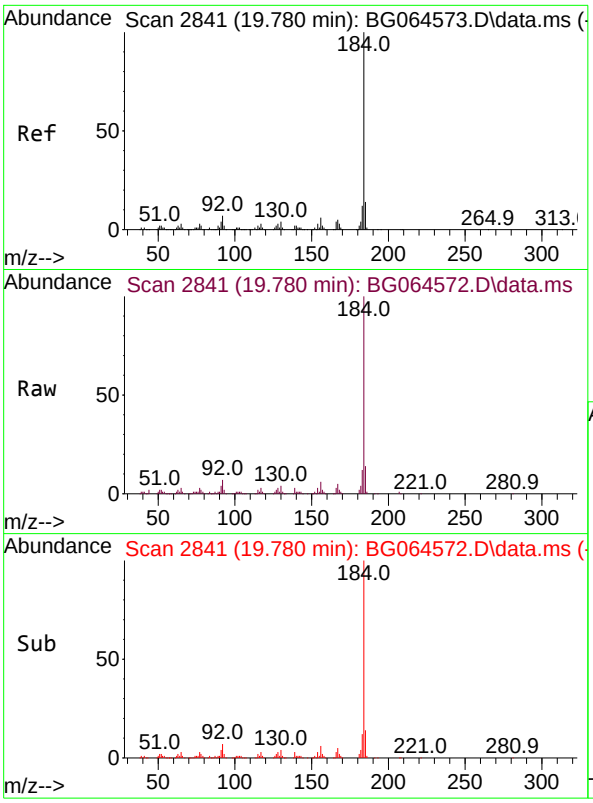


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.854 min Scan# 3194
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:240 Resp: 408574

Ion	Ratio	Lower	Upper
240	100		
120	7.6	6.5	9.7
236	25.9	20.2	30.2

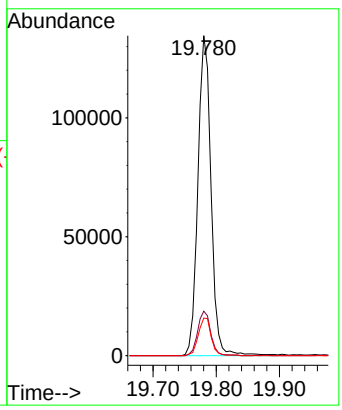




#77
Benzidine
Concen: 21.201 ng
RT: 19.780 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:184 Resp: 19407

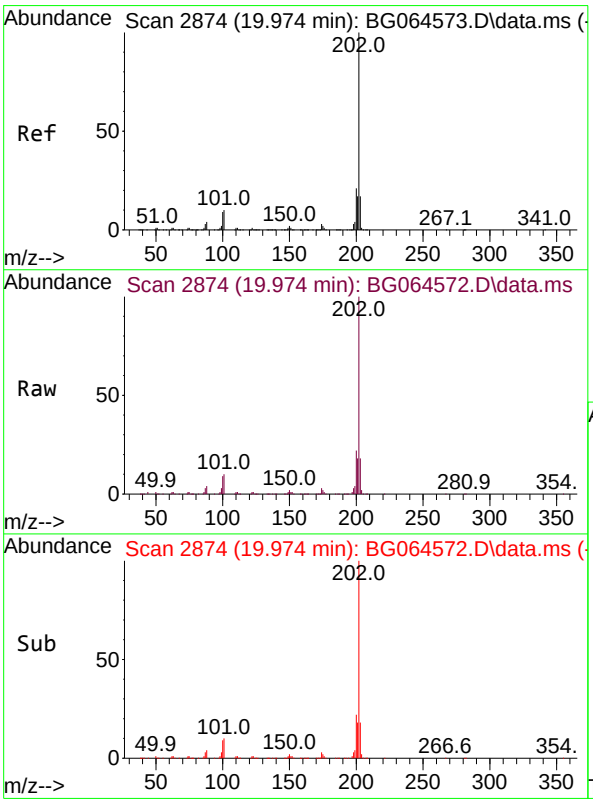
Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.4	17.2
183	11.7	9.4	14.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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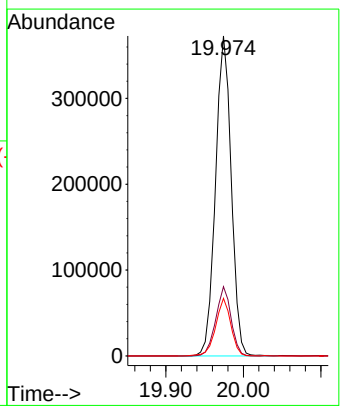
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

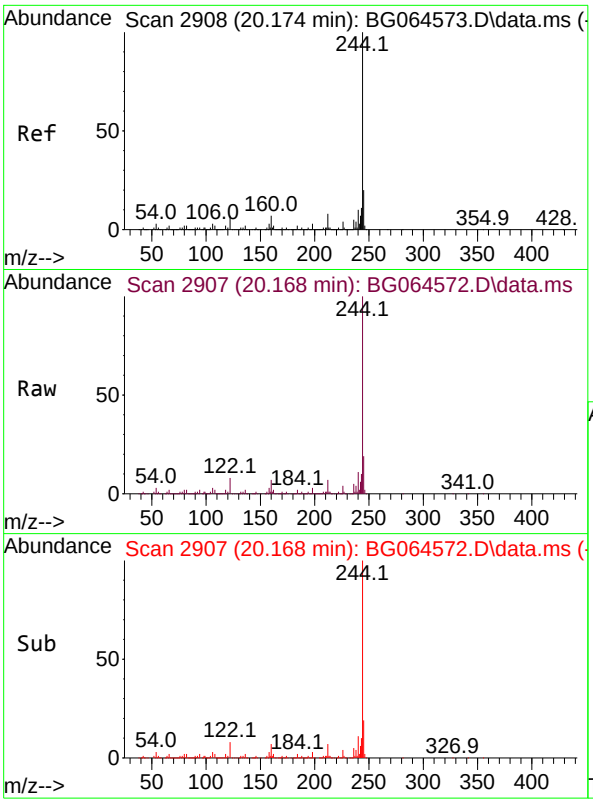


#78
Pyrene
Concen: 19.646 ng
RT: 19.974 min Scan# 2874
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:202 Resp: 524431

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.0	25.4
203	18.0	13.8	20.6

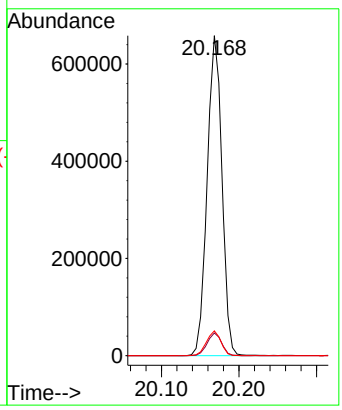




#79
Terphenyl-d14
Concen: 40.219 ng
RT: 20.168 min Scan# 29
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:244 Resp: 870741

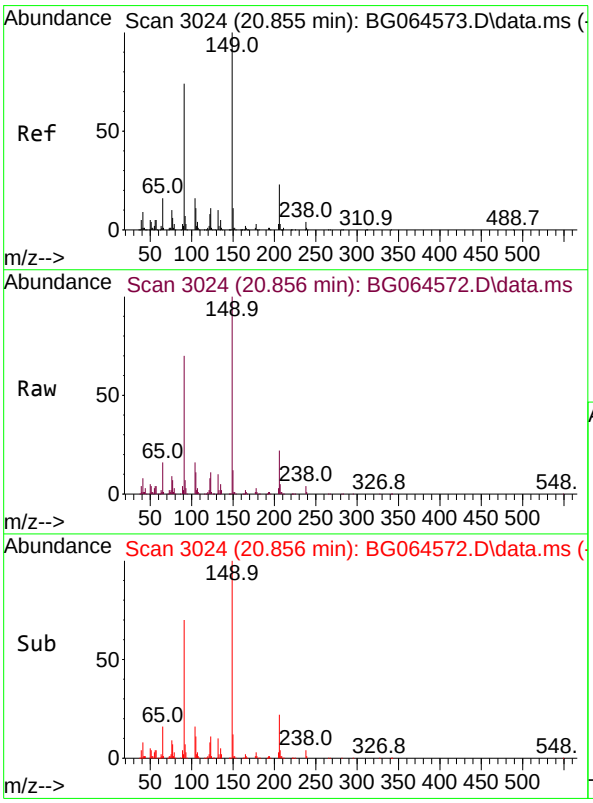
Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.1	9.1
122	7.7	5.6	8.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

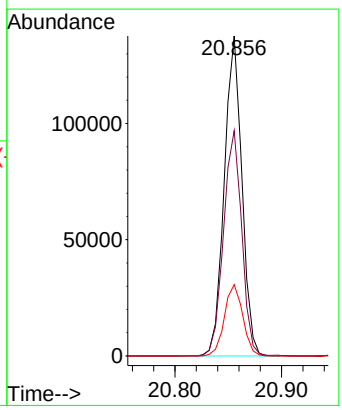
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

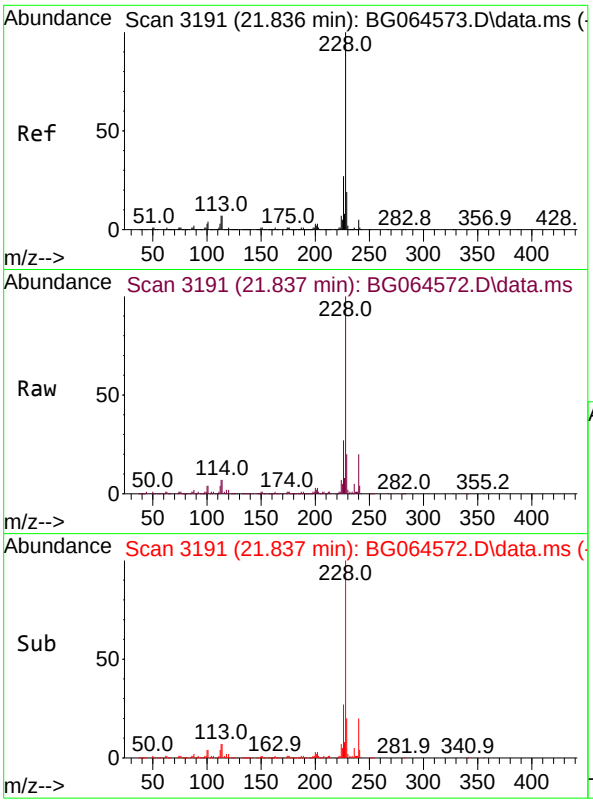


#80
Butylbenzylphthalate
Concen: 19.633 ng
RT: 20.856 min Scan# 3024
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:149 Resp: 158394

Ion	Ratio	Lower	Upper
149	100		
91	70.4	59.2	88.8
206	22.3	18.1	27.1

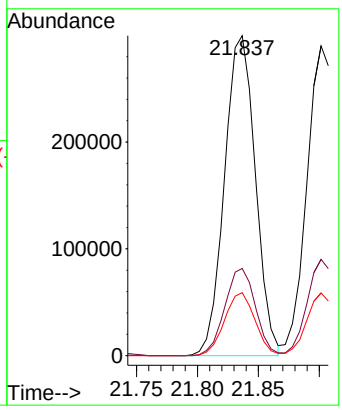




#81
Benzo(a)anthracene
Concen: 19.490 ng
RT: 21.837 min Scan# 3
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:228 Resp: 52800

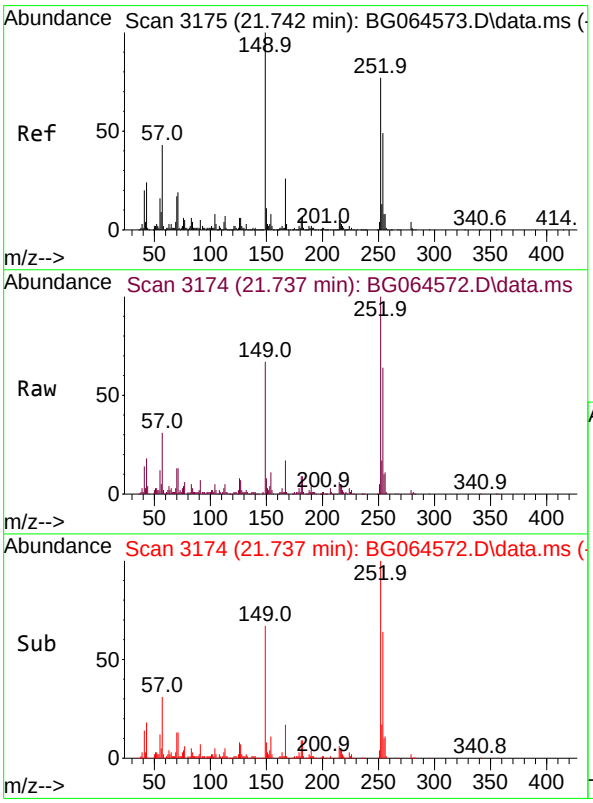
Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.9	32.9
229	19.7	15.6	23.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations
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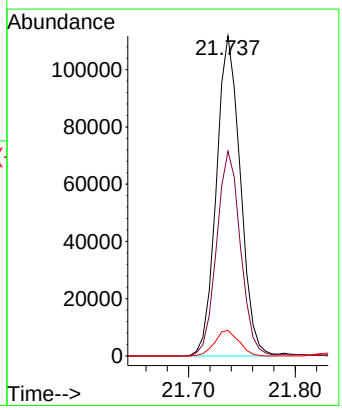
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

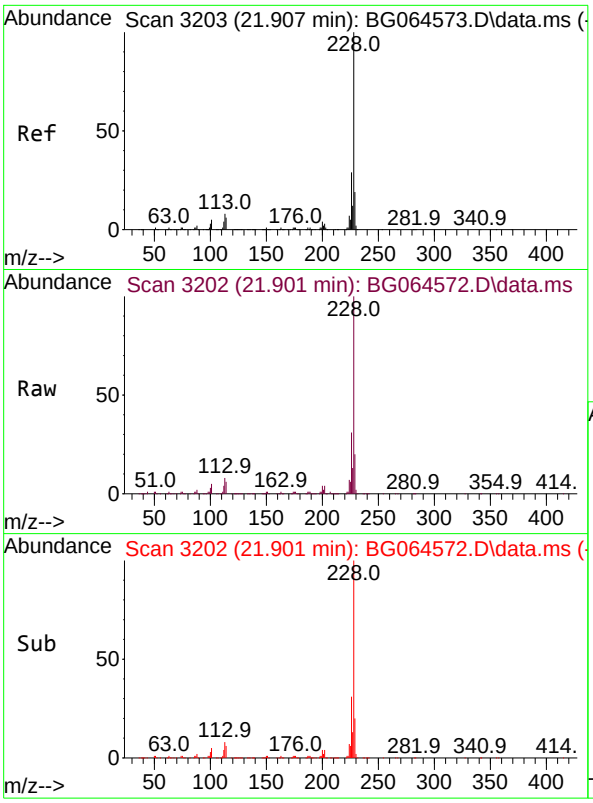


#82
3,3'-Dichlorobenzidine
Concen: 19.323 ng
RT: 21.737 min Scan# 3174
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:252 Resp: 174803

Ion	Ratio	Lower	Upper
252	100		
254	63.9	50.8	76.2
126	8.0	5.8	8.6

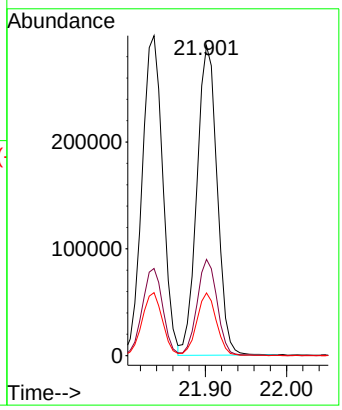




#83
Chrysene
Concen: 19.479 ng
RT: 21.901 min Scan# 3
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:228 Resp: 50212

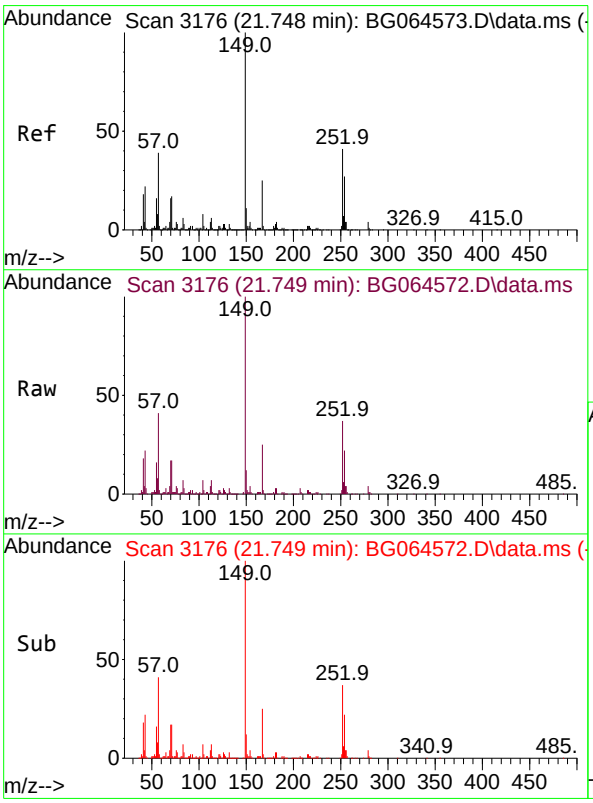
Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.3	34.9
229	20.2	15.2	22.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

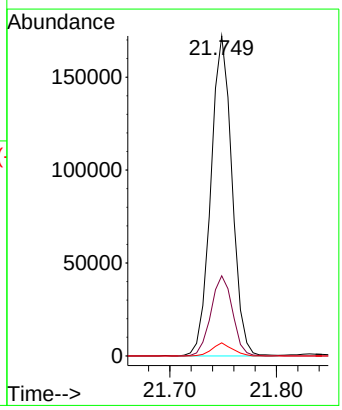
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

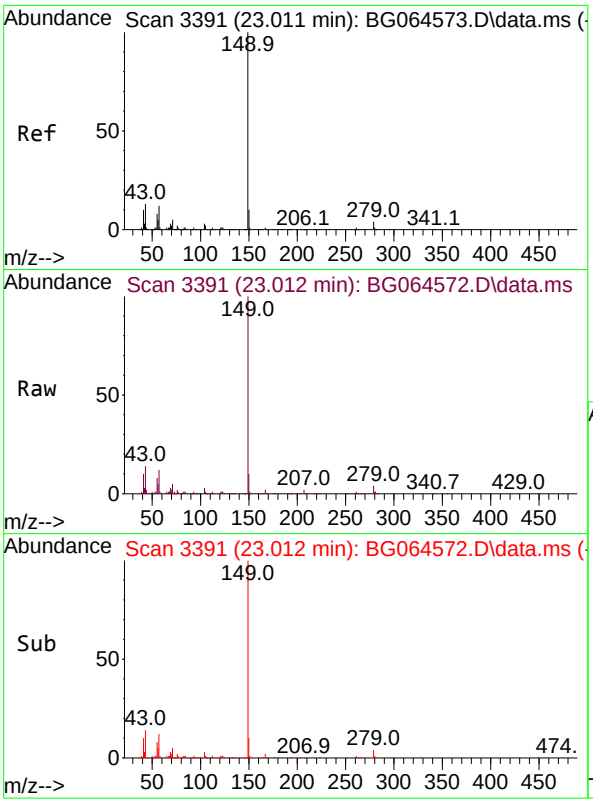


#84
Bis(2-ethylhexyl)phthalate
Concen: 19.703 ng
RT: 21.749 min Scan# 3176
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:149 Resp: 237524

Ion	Ratio	Lower	Upper
149	100		
167	25.0	20.0	30.0
279	4.1	3.1	4.7





#85
Di-n-octyl phthalate
Concen: 18.740 ng
RT: 23.012 min Scan# 3
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

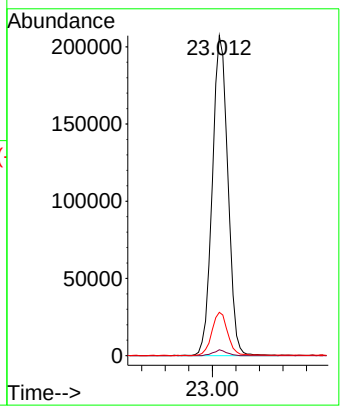
Tgt Ion:149 Resp: 38089

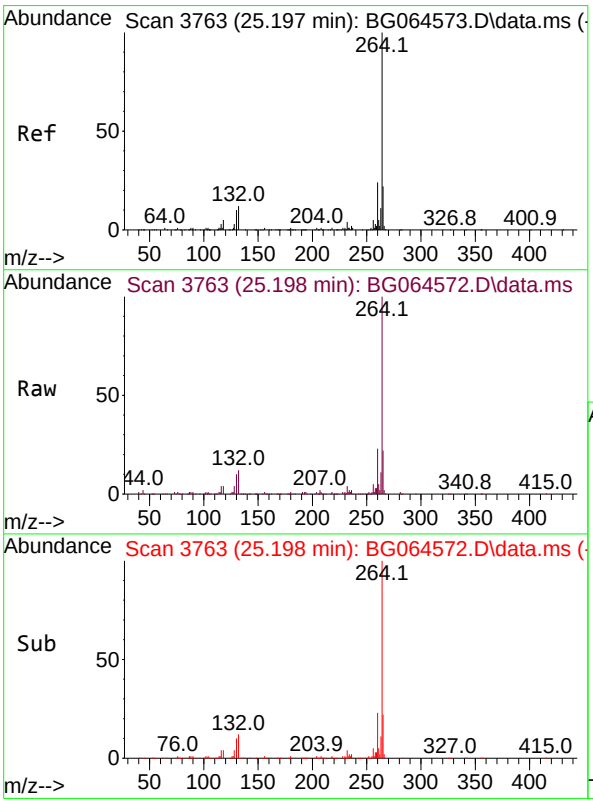
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	14.0	10.8	16.2

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

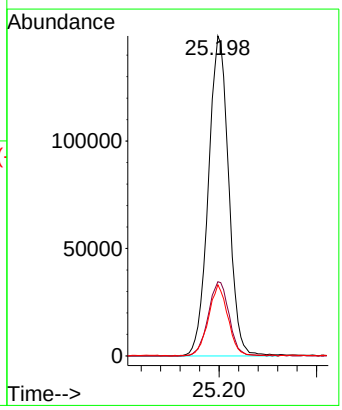


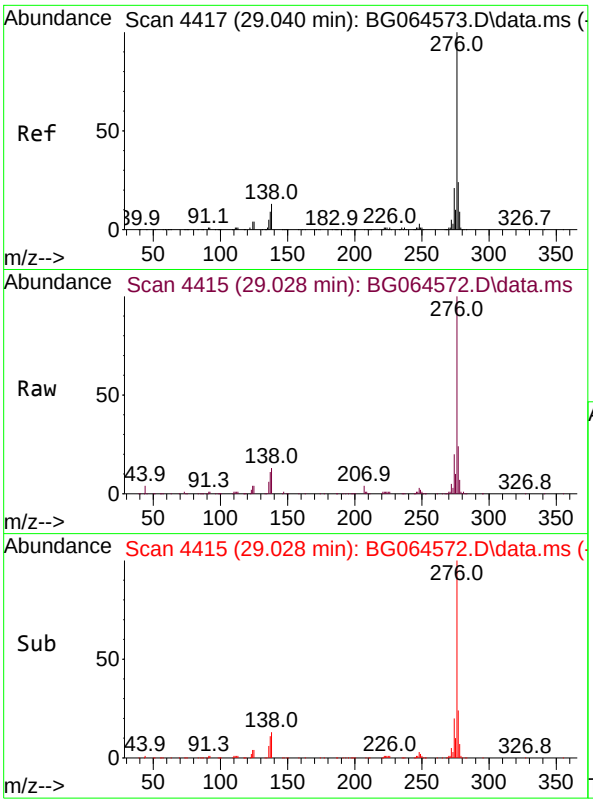


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.198 min Scan# 3763
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:264 Resp: 430370

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.0	28.4
265	22.2	17.6	26.4

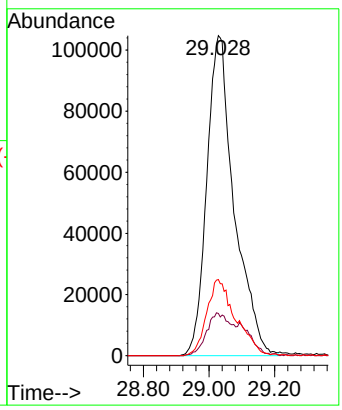




#87
Indeno(1,2,3-cd)pyrene
Concen: 19.163 ng
RT: 29.028 min Scan# 44
Delta R.T. -0.011 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:276 Resp: 606702

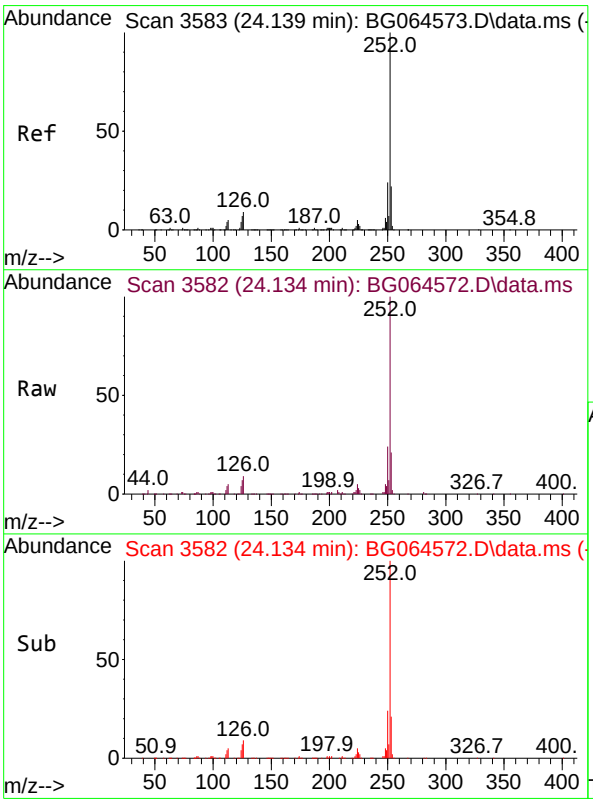
Ion	Ratio	Lower	Upper
276	100		
138	12.0	10.8	16.2
277	25.1	20.1	30.1



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

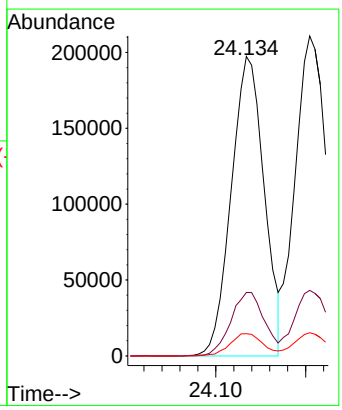
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

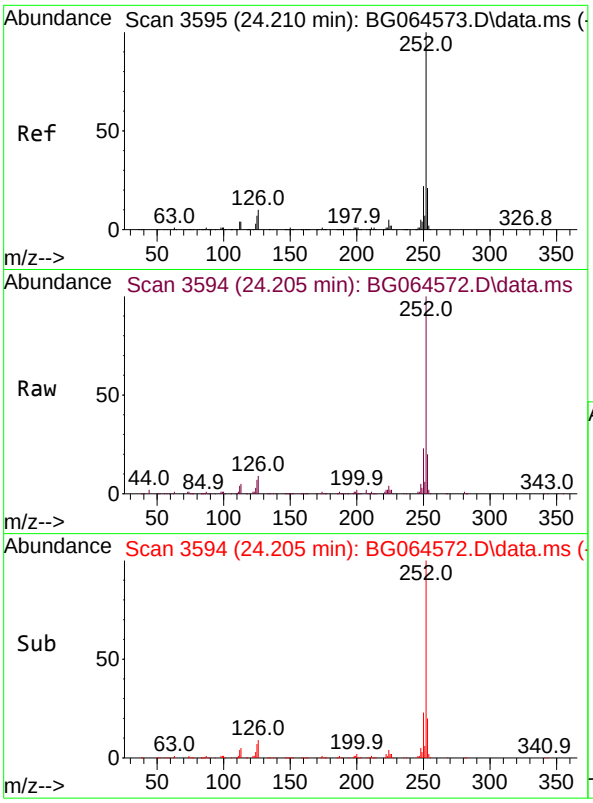


#88
Benzo(b)fluoranthene
Concen: 19.066 ng
RT: 24.134 min Scan# 3582
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:252 Resp: 503145

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.8	26.8
125	7.4	5.6	8.4

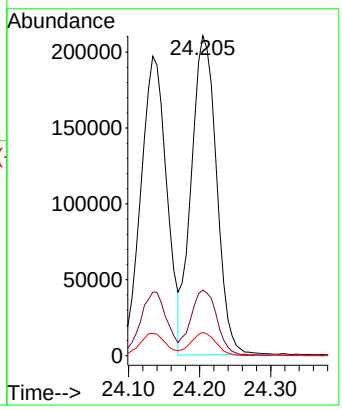




#89
Benzo(k)fluoranthene
Concen: 19.650 ng
RT: 24.205 min Scan# 3
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:252 Resp: 51891

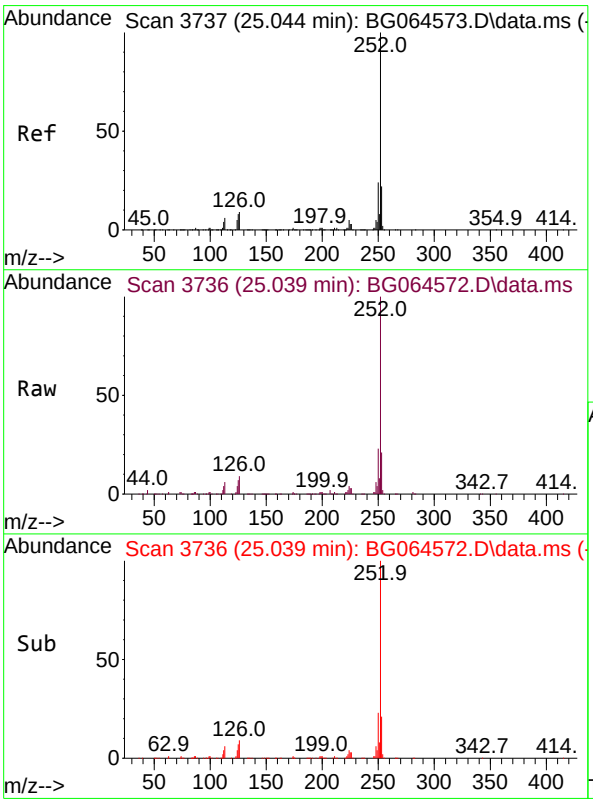
Ion	Ratio	Lower	Upper
252	100		
253	20.5	16.8	25.2
125	7.2	5.4	8.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

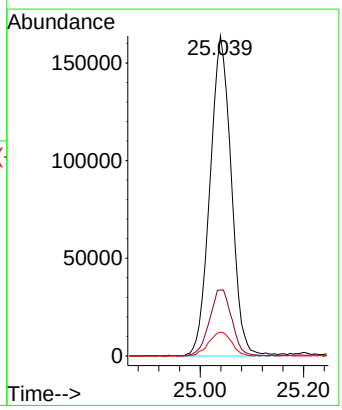
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

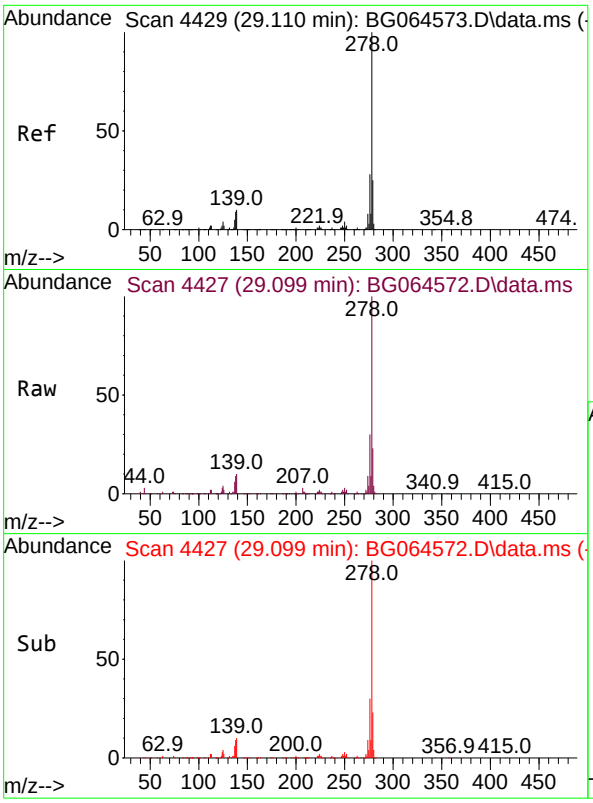


#90
Benzo(a)pyrene
Concen: 19.398 ng
RT: 25.039 min Scan# 3736
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:252 Resp: 470556

Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.6	26.4
125	7.4	6.1	9.1

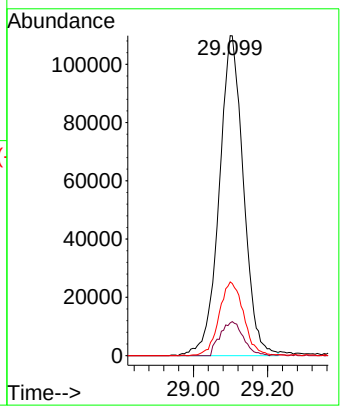




#91
Dibenzo(a,h)anthracene
Concen: 19.377 ng
RT: 29.099 min Scan# 44
Delta R.T. -0.011 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:278 Resp: 49839

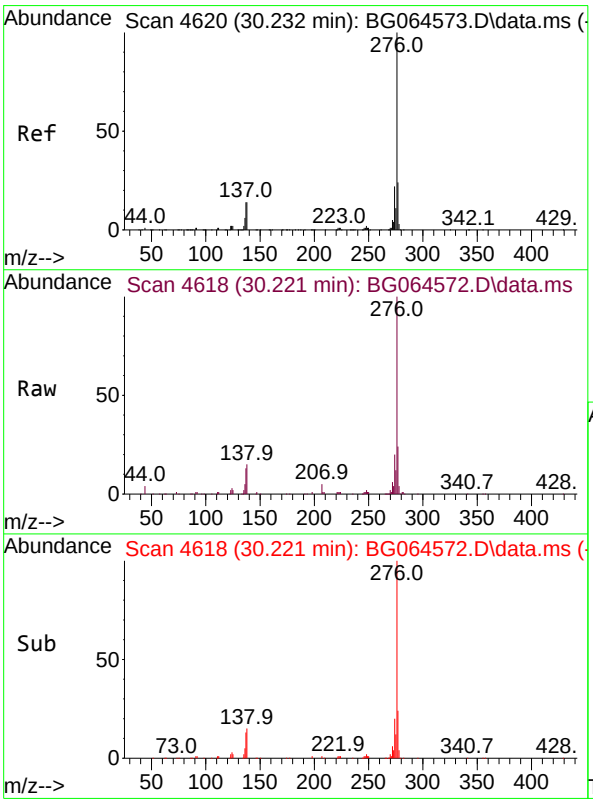
Ion	Ratio	Lower	Upper
278	100		
139	10.2	8.0	12.0
279	23.0	19.8	29.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

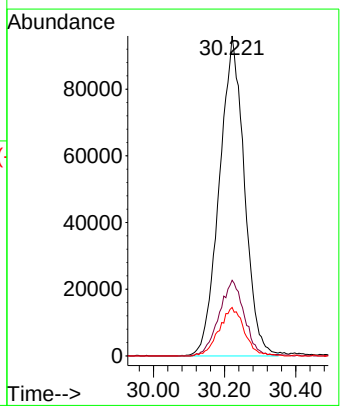
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#92
Benzo(g,h,i)perylene
Concen: 19.067 ng
RT: 30.221 min Scan# 4618
Delta R.T. -0.011 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:276 Resp: 468496

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.1	28.7
138	15.1	11.3	16.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064573.D
Acq On : 24 Oct 2025 13:03
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 03 18:00:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 17:56:56 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.223	152	40195	20.000	ng	0.00
21) Naphthalene-d8	11.049	136	164795	20.000	ng	0.00
39) Acenaphthene-d10	14.845	164	130542	20.000	ng	0.00
64) Phenanthrene-d10	17.582	188	313311	20.000	ng	0.00
76) Chrysene-d12	21.860	240	332834	20.000	ng	0.00
86) Perylene-d12	25.197	264	350897	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.749	112	207807	86.778	ng	0.00
7) Phenol-d6	7.353	99	284694	86.638	ng	0.00
23) Nitrobenzene-d5	9.386	82	248341	90.513	ng	0.00
42) 2,4,6-Tribromophenol	16.319	330	165976	88.092	ng	0.00
45) 2-Fluorobiphenyl	13.476	172	722477	83.888	ng	0.00
79) Terphenyl-d14	20.174	244	1521028	86.242	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.587	88	42215	39.818	ng	100
3) Pyridine	3.998	79	134153	42.136	ng	100
4) n-Nitrosodimethylamine	3.904	42	72367	42.385	ng	100
6) Aniline	7.530	93	191799	42.894	ng	100
8) 2-Chlorophenol	7.776	128	110414	44.051	ng	100
9) Benzaldehyde	7.342	77	75557	42.117	ng	100
10) Phenol	7.377	94	156259	42.998	ng	100
11) bis(2-Chloroethyl)ether	7.624	93	111183	41.613	ng	100
12) 1,3-Dichlorobenzene	8.111	146	122224	42.367	ng	100
13) 1,4-Dichlorobenzene	8.258	146	123314	42.037	ng	100
14) 1,2-Dichlorobenzene	8.581	146	119228	42.140	ng	100
15) Benzyl Alcohol	8.446	79	114526	42.265	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.740	45	300095	42.819	ng	100
17) 2-Methylphenol	8.652	107	102315	42.405	ng	100
18) Hexachloroethane	9.322	117	43488	42.246	ng	100
19) n-Nitroso-di-n-propyla...	9.028	70	98647	43.438	ng	100
20) 3+4-Methylphenols	8.975	107	146177	43.080	ng	100
22) Acetophenone	9.045	105	192583	42.750	ng	100
24) Nitrobenzene	9.427	77	135107	45.274	ng	100
25) Isophorone	9.956	82	286439	43.507	ng	100
26) 2-Nitrophenol	10.144	139	45134	39.772	ng	100
27) 2,4-Dimethylphenol	10.191	122	110518	45.129	ng	100
28) bis(2-Chloroethoxy)met...	10.438	93	161449	43.070	ng	100
29) 2,4-Dichlorophenol	10.679	162	118669	45.026	ng	100
30) 1,2,4-Trichlorobenzene	10.908	180	128902	43.046	ng	100
31) Naphthalene	11.096	128	388032	42.469	ng	100
32) Benzoic acid	10.309	122	73604m	40.425	ng	
33) 4-Chloroaniline	11.190	127	151231	42.585	ng	100
34) Hexachlorobutadiene	11.390	225	98683	42.139	ng	100
35) Caprolactam	11.948	113	44205	43.731	ng	100
36) 4-Chloro-3-methylphenol	12.289	107	140272	44.278	ng	100
37) 2-Methylnaphthalene	12.688	142	285089	42.499	ng	100
38) 1-Methylnaphthalene	12.906	142	281256	42.362	ng	100
40) 1,2,4,5-Tetrachloroben...	13.052	216	183376	41.856	ng	100
41) Hexachlorocyclopentadiene	13.041	237	84505	42.853	ng	100
43) 2,4,6-Trichlorophenol	13.276	196	110509	44.097	ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064573.D
Acq On : 24 Oct 2025 13:03
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 03 18:00:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 17:56:56 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.346	196	126360	43.694	ng	100
46) 1,1'-Biphenyl	13.681	154	388718	41.885	ng	100
47) 2-Chloronaphthalene	13.728	162	295501	42.182	ng	100
48) 2-Nitroaniline	13.910	65	90958	39.303	ng	100
49) Acenaphthylene	14.568	152	466393	42.209	ng	100
50) Dimethylphthalate	14.286	163	428475	42.894	ng	100
51) 2,6-Dinitrotoluene	14.398	165	64452	39.696	ng	100
52) Acenaphthene	14.909	154	319250	42.289	ng	100
53) 3-Nitroaniline	14.727	138	76841	44.762	ng	100
54) 2,4-Dinitrophenol	14.927	184	35677	38.390	ng	100
55) Dibenzofuran	15.238	168	512547	41.995	ng	100
56) 4-Nitrophenol	15.009	139	68064	42.765	ng	100
57) 2,4-Dinitrotoluene	15.179	165	100448	39.962	ng	100
58) Fluorene	15.884	166	399745	41.939	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.456	232	121762	44.030	ng	100
60) Diethylphthalate	15.649	149	432571	42.412	ng	100
61) 4-Chlorophenyl-phenyle...	15.879	204	226104	42.270	ng	100
62) 4-Nitroaniline	15.884	138	85297	44.662	ng	100
63) Azobenzene	16.166	77	401676	42.922	ng	100
65) 4,6-Dinitro-2-methylph...	15.943	198	51829	38.770	ng	100
66) n-Nitrosodiphenylamine	16.084	169	365624	43.201	ng	100
67) 4-Bromophenyl-phenylether	16.766	248	161744	43.563	ng	100
68) Hexachlorobenzene	16.889	284	183262	43.265	ng	100
69) Atrazine	17.024	200	153706	42.203	ng	100
70) Pentachlorophenol	17.224	266	112769	42.694	ng	100
71) Phenanthrene	17.624	178	728184	42.500	ng	100
72) Anthracene	17.712	178	743567	42.663	ng	100
73) Carbazole	17.970	167	646319	42.053	ng	100
74) Di-n-butylphthalate	18.534	149	776847	43.711	ng	100
75) Fluoranthene	19.615	202	902557	42.050	ng	100
77) Benzidine	19.780	184	325845	43.697	ng	100
78) Pyrene	19.974	202	939110	43.186	ng	100
80) Butylbenzylphthalate	20.855	149	299706	45.601	ng	100
81) Benzo(a)anthracene	21.836	228	942839	42.723	ng	100
82) 3,3'-Dichlorobenzidine	21.742	252	317851	43.131	ng	100
83) Chrysene	21.907	228	894813	42.613	ng	100
84) Bis(2-ethylhexyl)phtha...	21.748	149	446785	45.494	ng	100
85) Di-n-octyl phthalate	23.011	149	723360	43.688	ng	100
87) Indeno(1,2,3-cd)pyrene	29.040	276	1100259	42.624	ng	100
88) Benzo(b)fluoranthene	24.139	252	927550	43.108	ng	100
89) Benzo(k)fluoranthene	24.210	252	901706	41.878	ng	100
90) Benzo(a)pyrene	25.044	252	843258	42.635	ng	100
91) Dibenzo(a,h)anthracene	29.110	278	889808	42.430	ng	100
92) Benzo(g,h,i)perylene	30.232	276	851248	42.492	ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

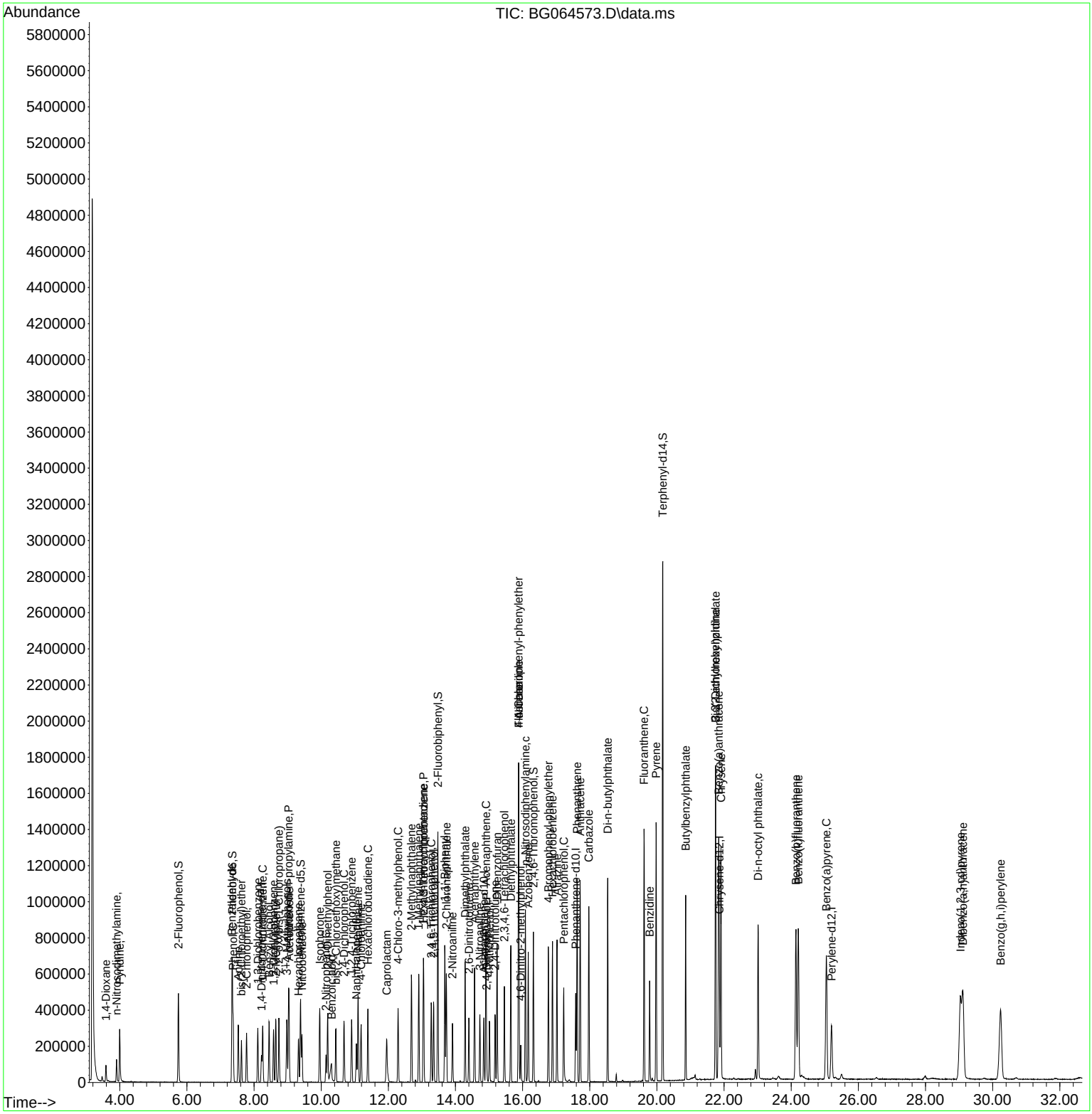
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Data File : BG064573.D
Acq On : 24 Oct 2025 13:03
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

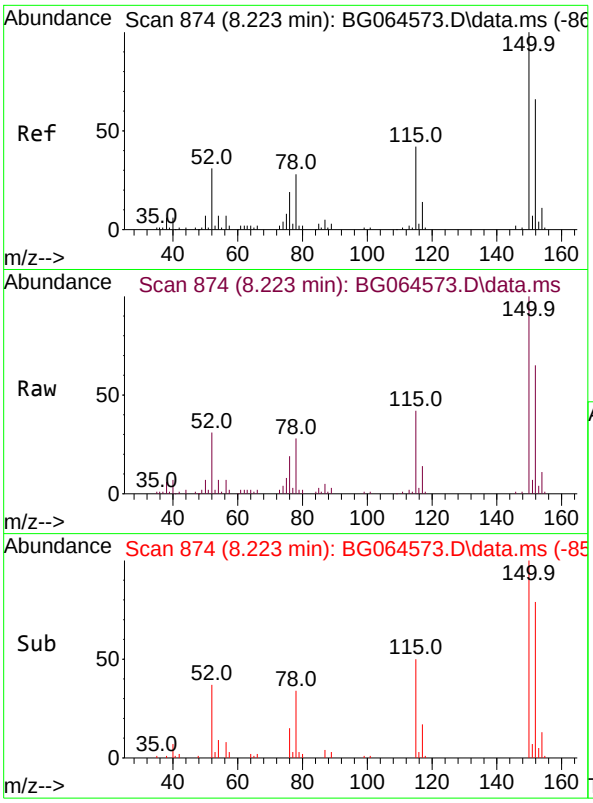
Quant Time: Nov 03 18:00:56 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 17:56:56 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

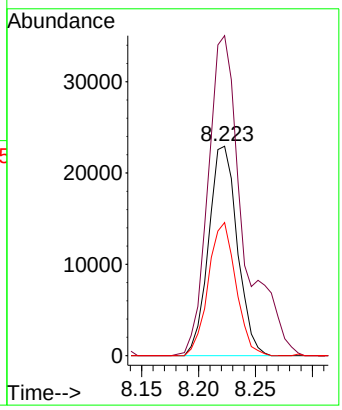




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.223 min Scan# 8
Delta R.T. -0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:152 Resp: 4019

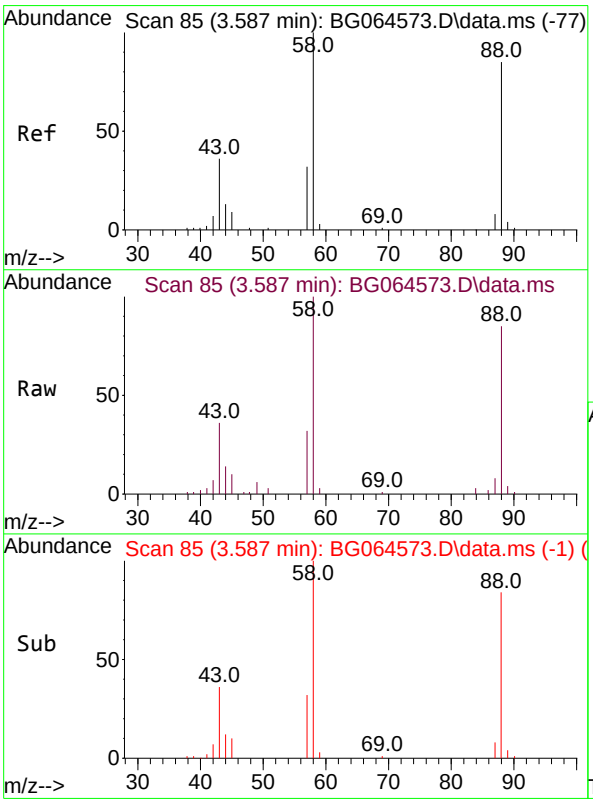
Ion	Ratio	Lower	Upper
152	100		
150	152.8	122.2	183.4
115	63.5	50.8	76.2



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

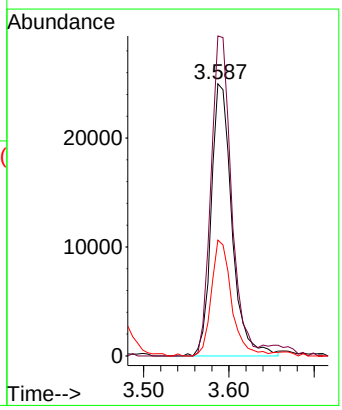
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

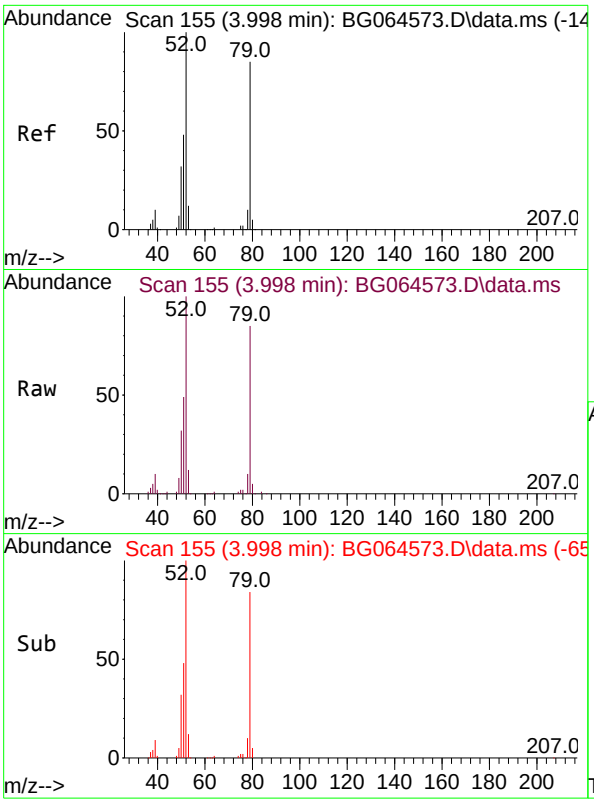


#2
1,4-Dioxane
Concen: 39.818 ng
RT: 3.587 min Scan# 85
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion: 88 Resp: 42215

Ion	Ratio	Lower	Upper
88	100		
58	115.5	92.4	138.6
43	41.3	33.0	49.6

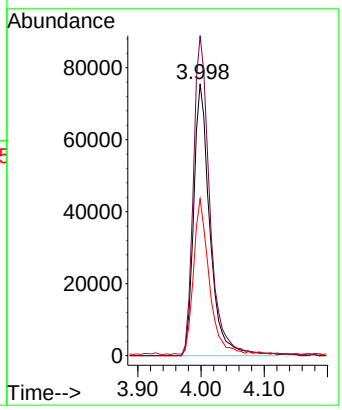




#3
Pyridine
Concen: 42.136 ng
RT: 3.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion: 79 Resp: 13415

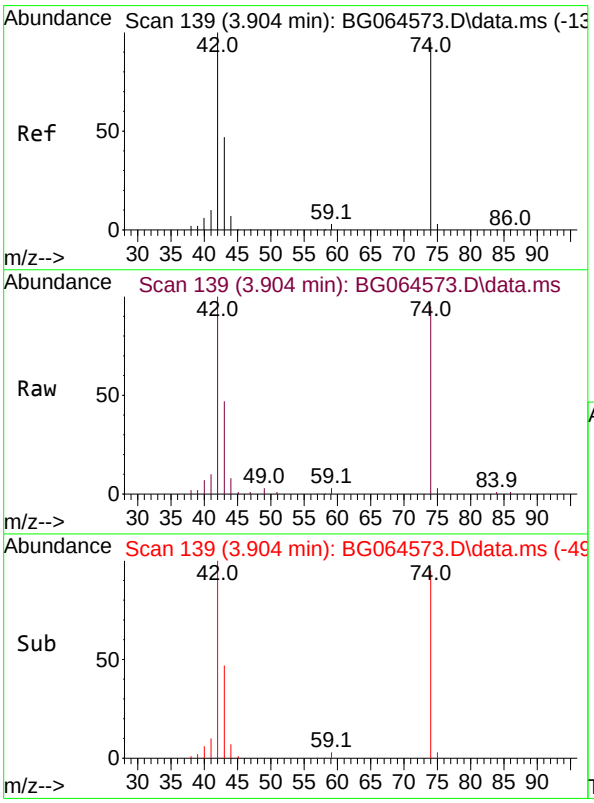
Ion	Ratio	Lower	Upper
79	100		
52	117.7	94.2	141.2
51	57.6	46.1	69.1



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

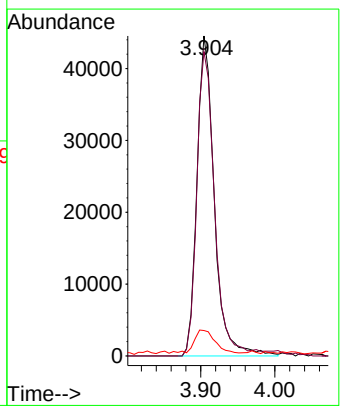
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

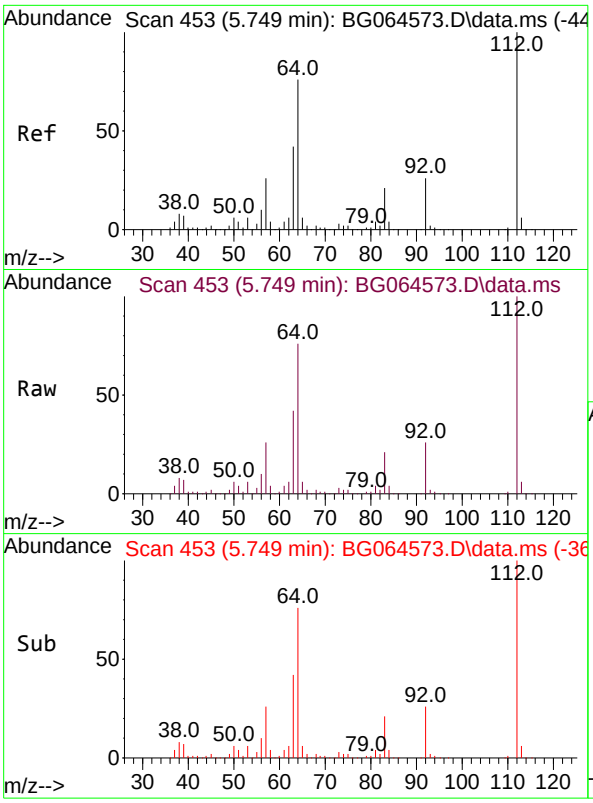


#4
n-Nitrosodimethylamine
Concen: 42.385 ng
RT: 3.904 min Scan# 139
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion: 42 Resp: 72367

Ion	Ratio	Lower	Upper
42	100		
74	95.1	76.1	114.1
44	7.9	6.3	9.5

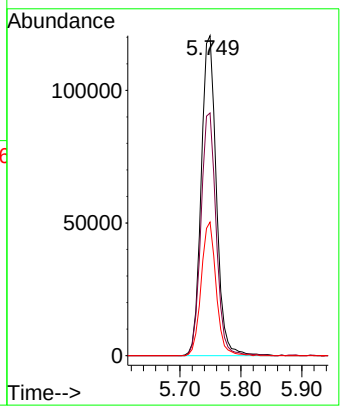




#5
2-Fluorophenol
Concen: 86.778 ng
RT: 5.749 min Scan# 4
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:112 Resp: 20780

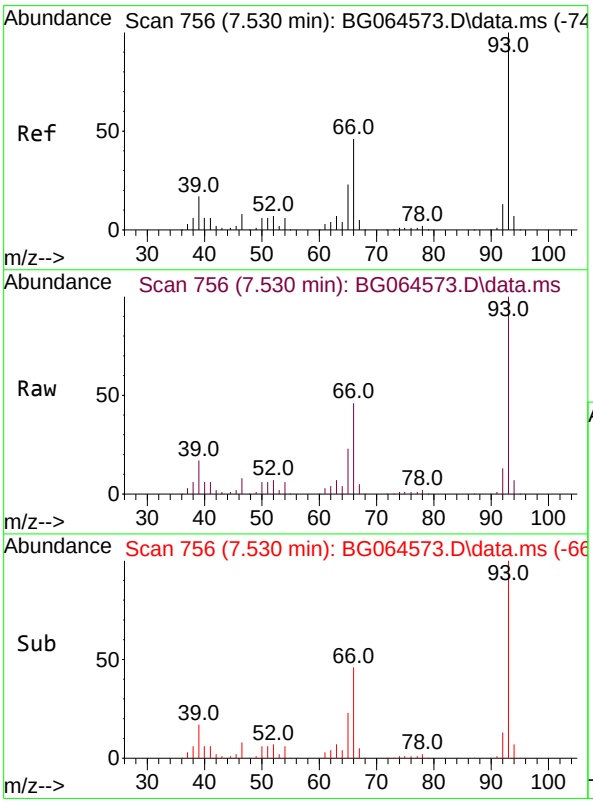
Ion	Ratio	Lower	Upper
112	100		
64	75.9	60.7	91.1
63	41.7	33.4	50.0



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

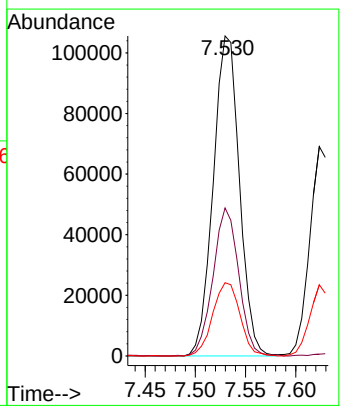
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

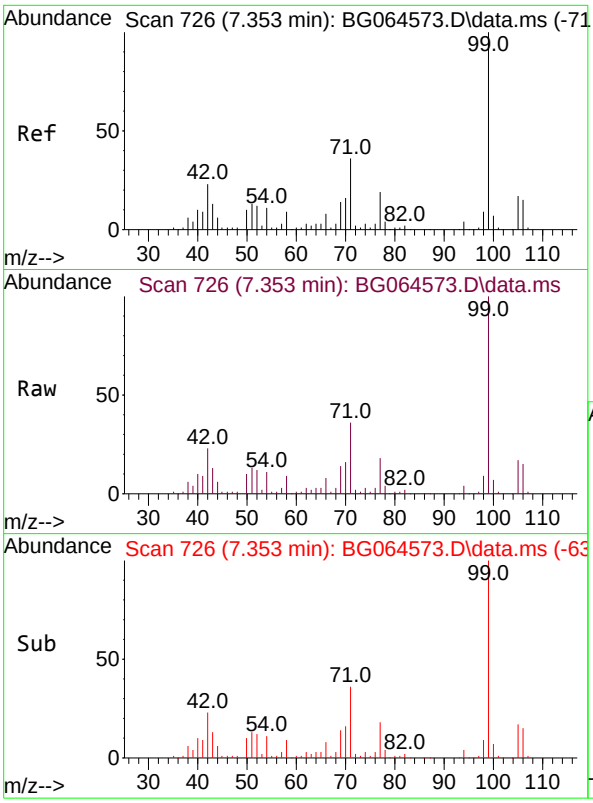


#6
Aniline
Concen: 42.894 ng
RT: 7.530 min Scan# 756
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion: 93 Resp: 191799

Ion	Ratio	Lower	Upper
93	100		
66	46.3	37.0	55.6
65	22.9	18.3	27.5

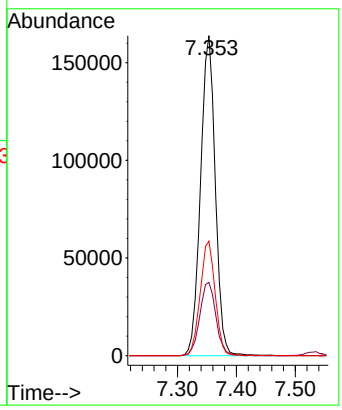




#7
Phenol-d6
Concen: 86.638 ng
RT: 7.353 min Scan# 7
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion: 99 Resp: 28469

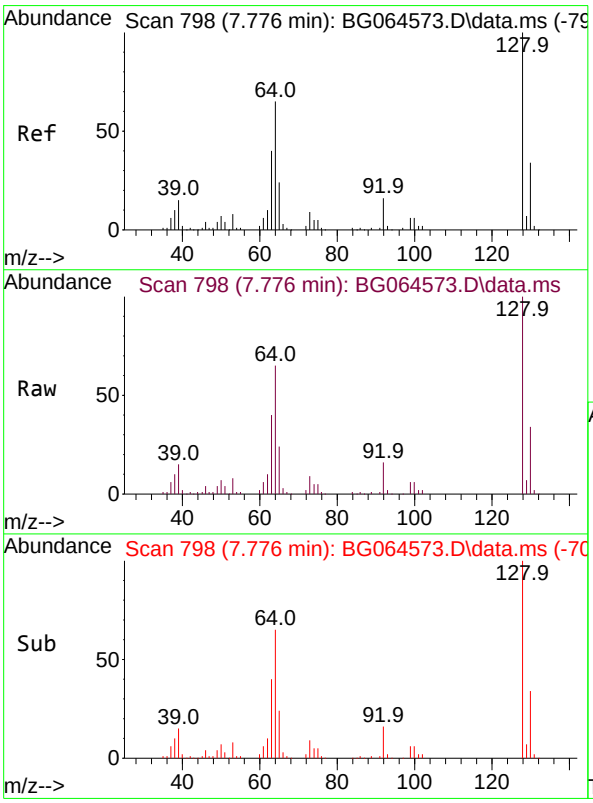
Ion	Ratio	Lower	Upper
99	100		
42	22.9	18.3	27.5
71	35.8	28.6	43.0



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

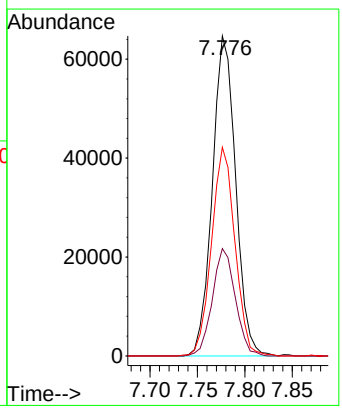
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

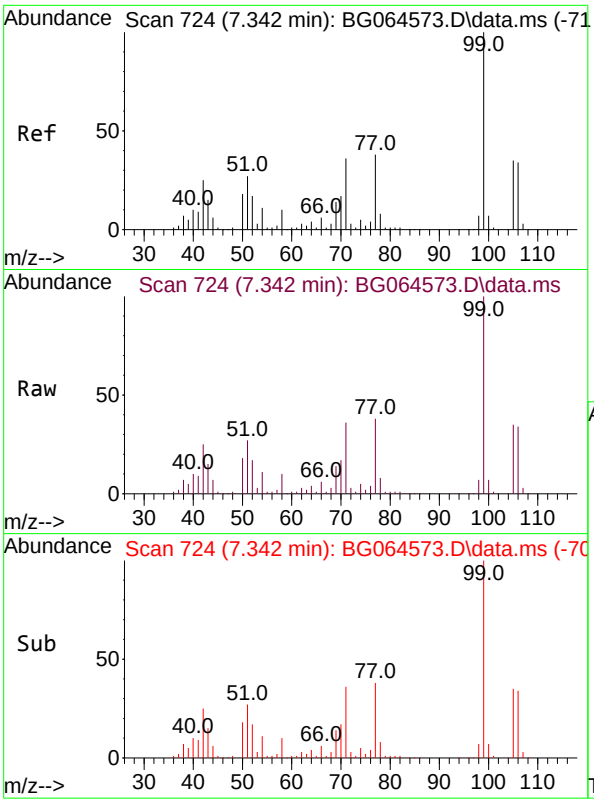


#8
2-Chlorophenol
Concen: 44.051 ng
RT: 7.776 min Scan# 798
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:128 Resp: 110414

Ion	Ratio	Lower	Upper
128	100		
130	33.5	13.5	53.5
64	65.2	45.2	85.2

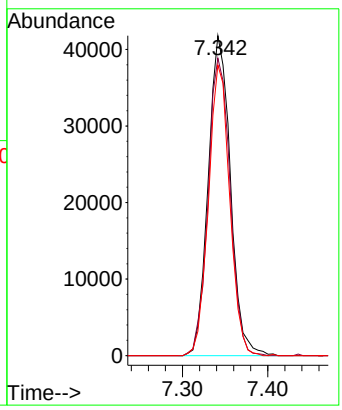




#9
Benzaldehyde
Concen: 42.117 ng
RT: 7.342 min Scan# 7
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion: 77 Resp: 7555

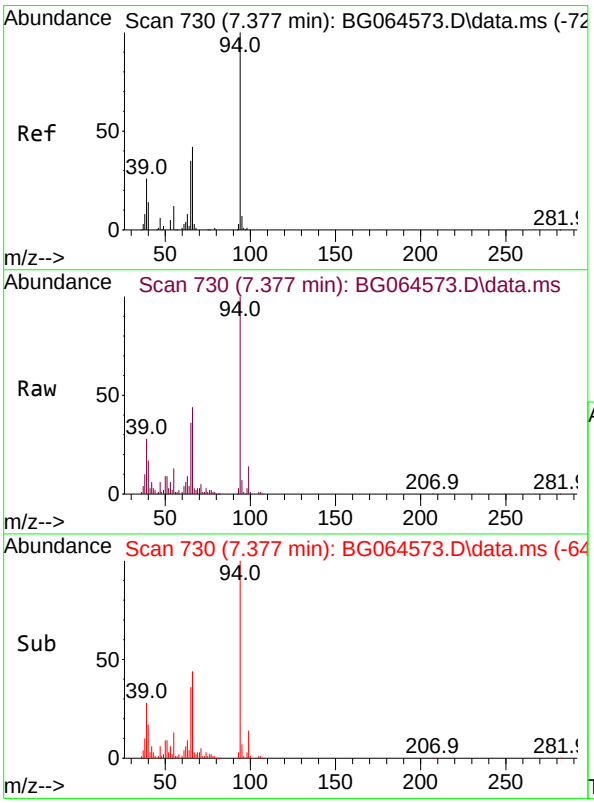
Ion	Ratio	Lower	Upper
77	100		
105	92.9	72.9	112.9
106	90.8	70.8	110.8



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

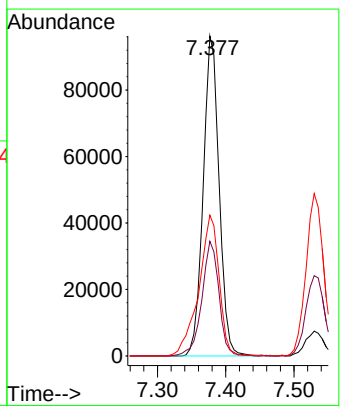
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

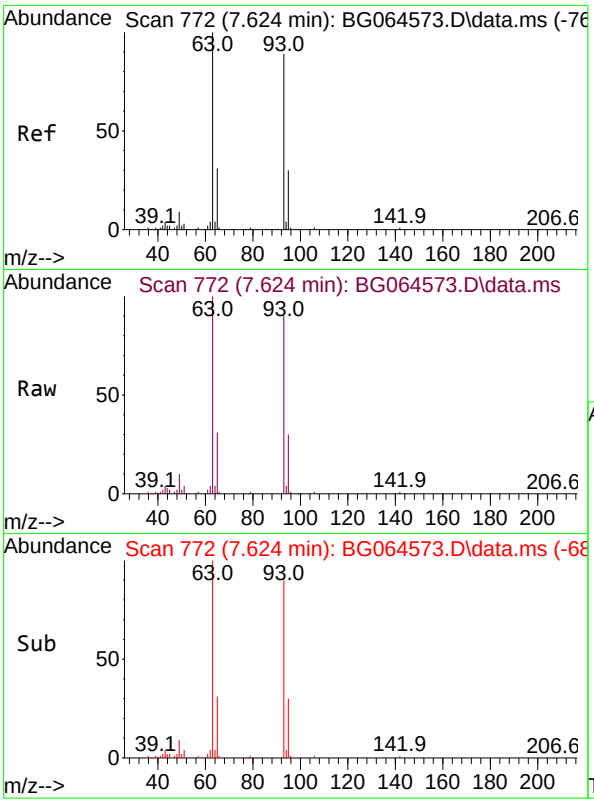


#10
Phenol
Concen: 42.998 ng
RT: 7.377 min Scan# 730
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion: 94 Resp: 156259

Ion	Ratio	Lower	Upper
94	100		
65	35.8	15.8	55.8
66	44.0	24.0	64.0

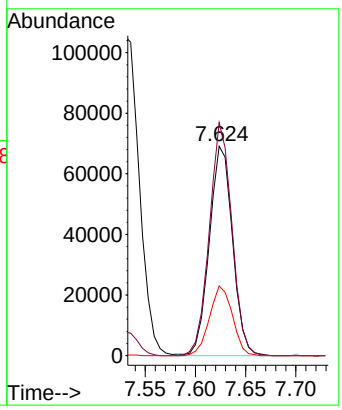




#11
bis(2-Chloroethyl)ether
Concen: 41.613 ng
RT: 7.624 min Scan# 7
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion: 93 Resp: 11118

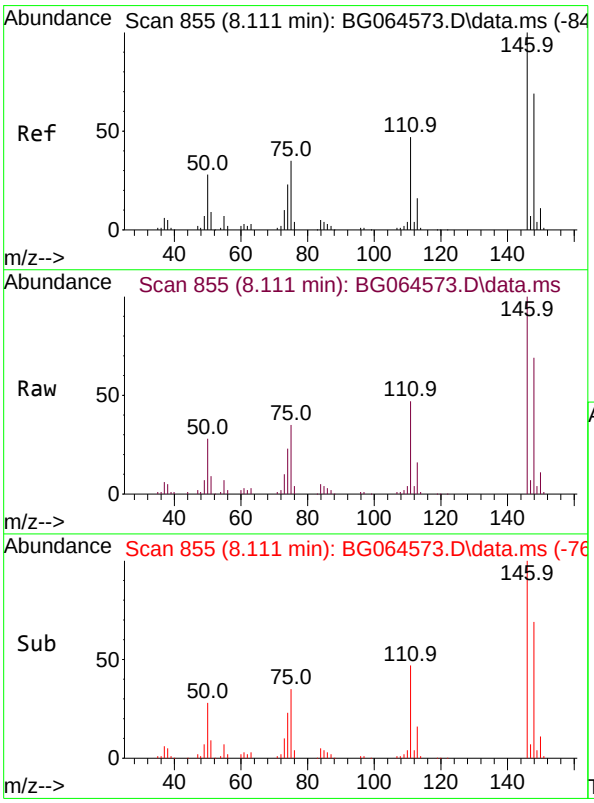
Ion	Ratio	Lower	Upper
93	100		
63	111.3	91.3	131.3
95	33.3	13.3	53.3



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

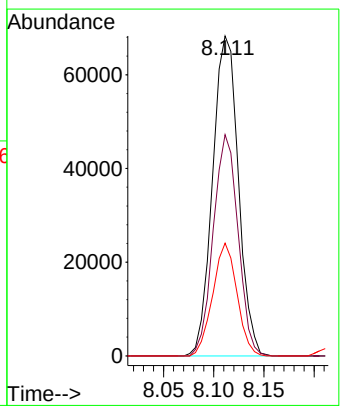
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

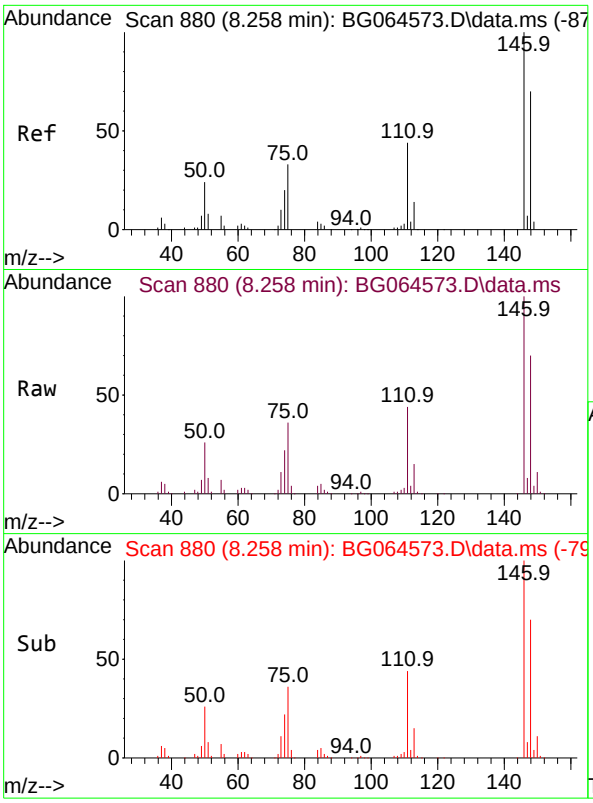


#12
1,3-Dichlorobenzene
Concen: 42.367 ng
RT: 8.111 min Scan# 855
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:146 Resp: 122224

Ion	Ratio	Lower	Upper
146	100		
148	69.1	55.3	82.9
75	35.2	28.2	42.2

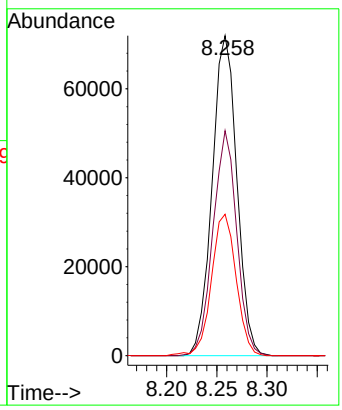




#13
1,4-Dichlorobenzene
Concen: 42.037 ng
RT: 8.258 min Scan# 8
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:146 Resp: 12331

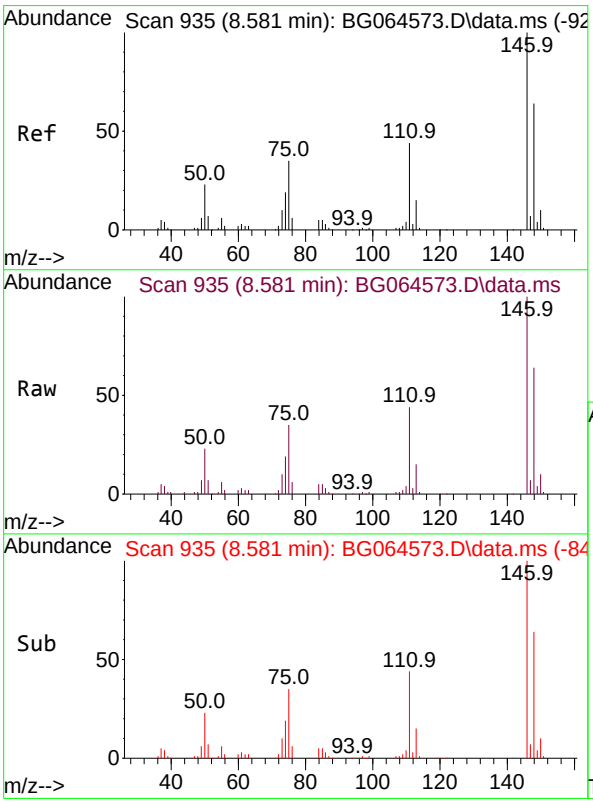
Ion	Ratio	Lower	Upper
146	100		
148	70.3	56.2	84.4
111	44.2	35.4	53.0



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

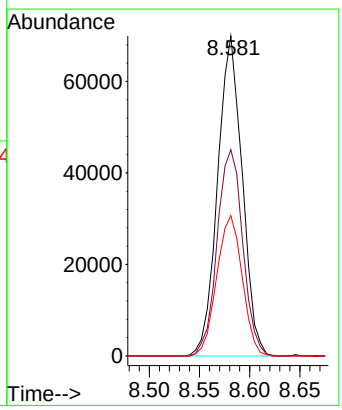
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

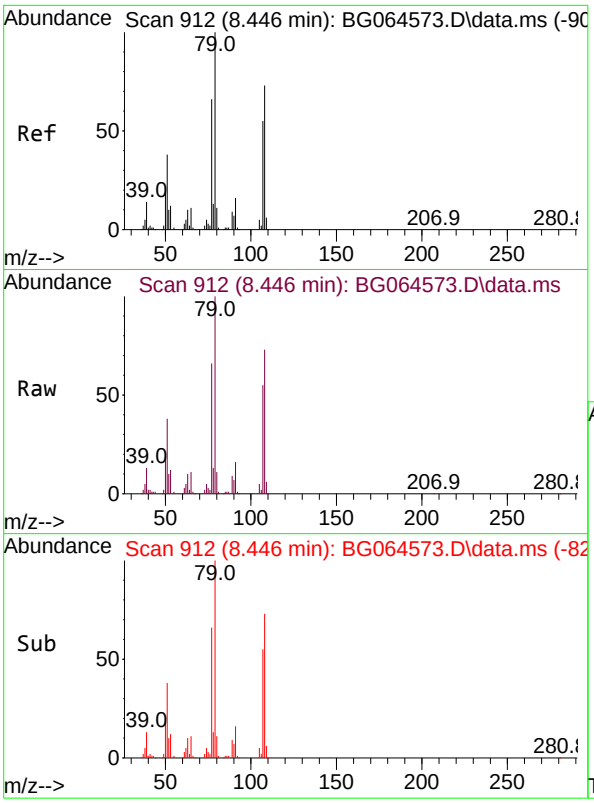


#14
1,2-Dichlorobenzene
Concen: 42.140 ng
RT: 8.581 min Scan# 935
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:146 Resp: 119228

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.5	77.3
111	43.8	35.0	52.6

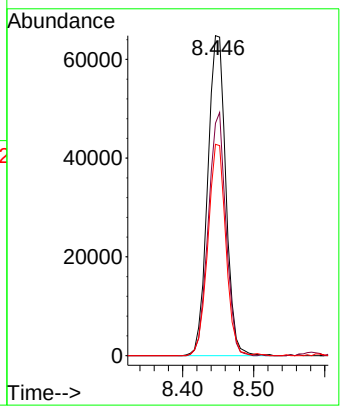




#15
Benzyl Alcohol
Concen: 42.265 ng
RT: 8.446 min Scan# 91
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion: 79 Resp: 11452

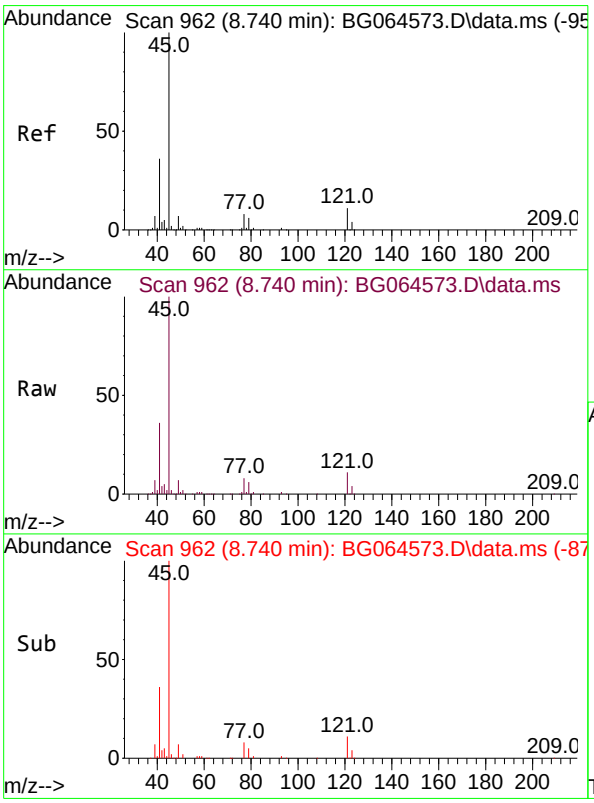
Ion	Ratio	Lower	Upper
79	100		
108	72.6	58.1	87.1
77	66.0	52.8	79.2



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

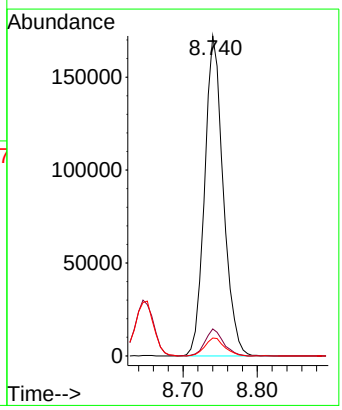
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

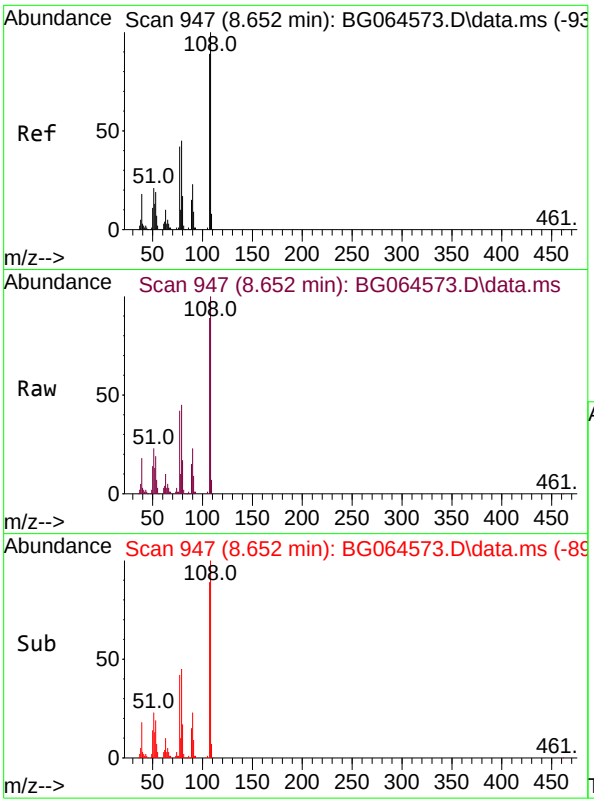


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.819 ng
RT: 8.740 min Scan# 962
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion: 45 Resp: 300095

Ion	Ratio	Lower	Upper
45	100		
77	8.5	0.0	28.5
79	5.6	0.0	25.6

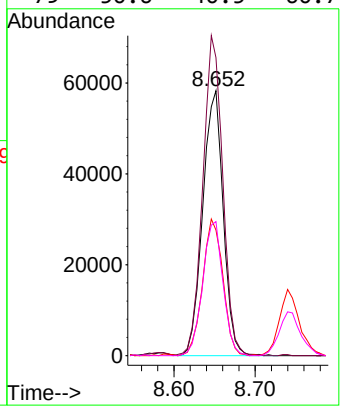




#17
2-Methylphenol
Concen: 42.405 ng
RT: 8.652 min Scan# 94
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:107 Resp: 10231

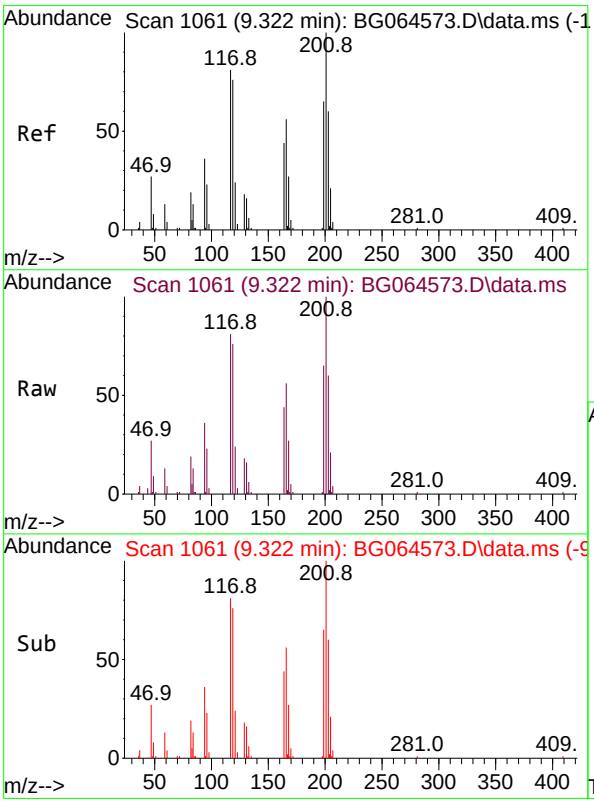
Ion	Ratio	Lower	Upper
107	100		
108	112.5	90.0	135.0
77	47.3	37.8	56.8
79	50.6	40.5	60.7



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

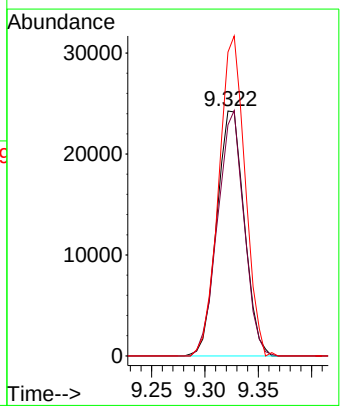
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

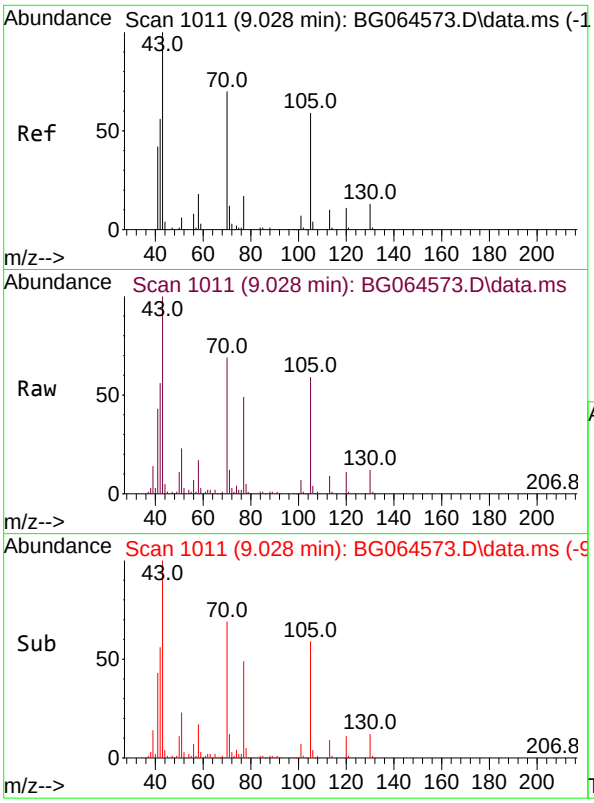


#18
Hexachloroethane
Concen: 42.246 ng
RT: 9.322 min Scan# 1061
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:117 Resp: 43488

Ion	Ratio	Lower	Upper
117	100		
119	94.3	75.4	113.2
201	124.0	99.2	148.8

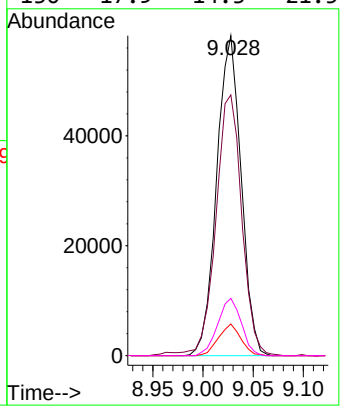




#19
n-Nitroso-di-n-propylamine
Concen: 43.438 ng
RT: 9.028 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion: 70 Resp: 9864

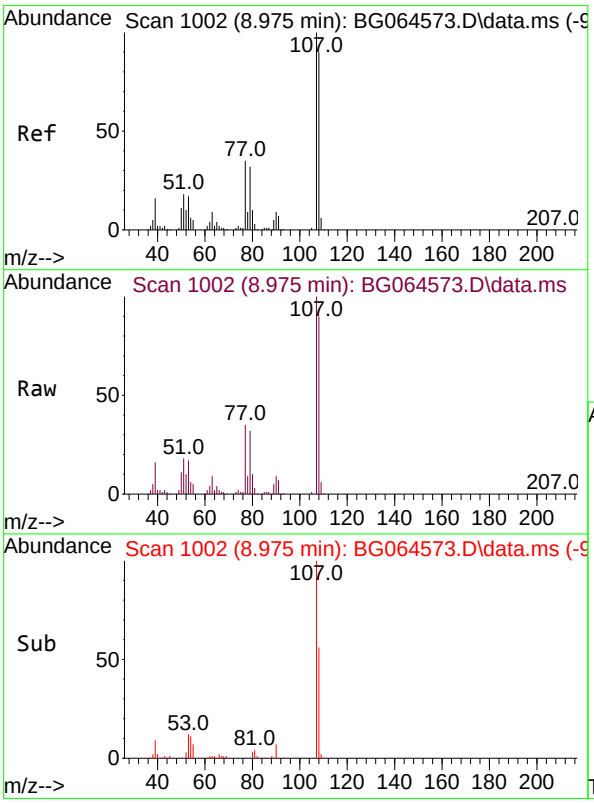
Ion	Ratio	Lower	Upper
70	100		
42	81.5	65.2	97.8
101	9.9	7.9	11.9
130	17.9	14.3	21.5



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

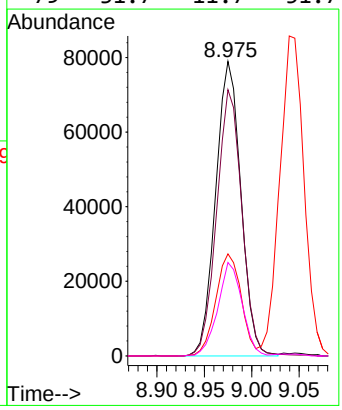
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

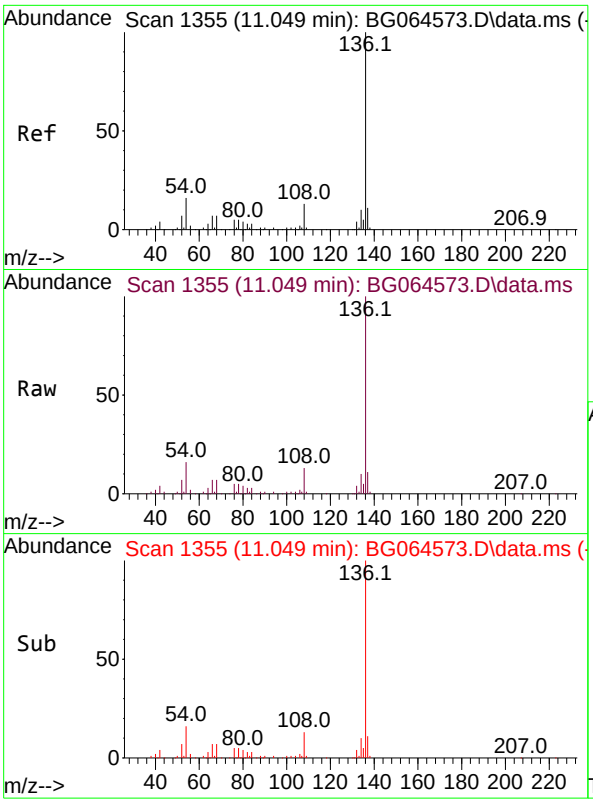


#20
3+4-Methylphenols
Concen: 43.080 ng
RT: 8.975 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:107 Resp: 146177

Ion	Ratio	Lower	Upper
107	100		
108	90.3	70.3	110.3
77	34.6	14.6	54.6
79	31.7	11.7	51.7

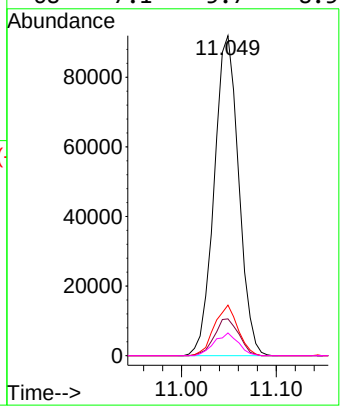




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.049 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:136 Resp: 16479

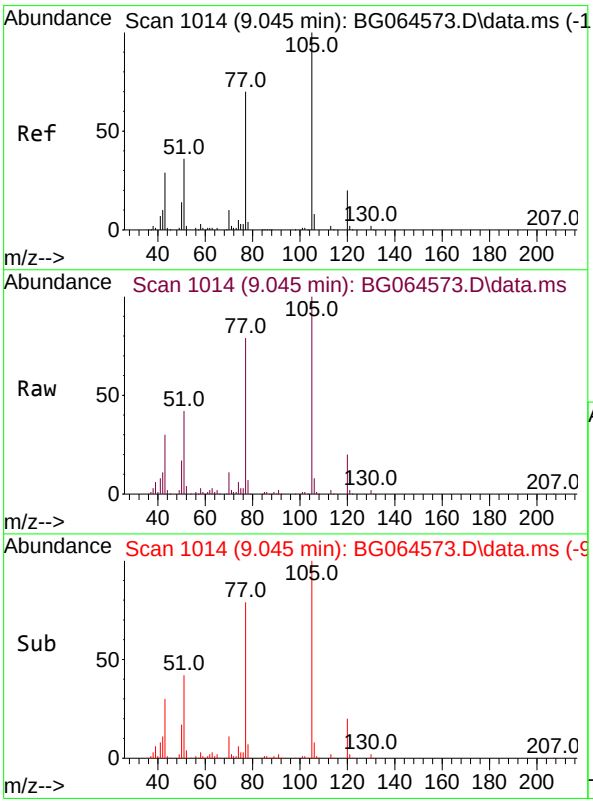
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	15.8	12.6	19.0
68	7.1	5.7	8.5



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

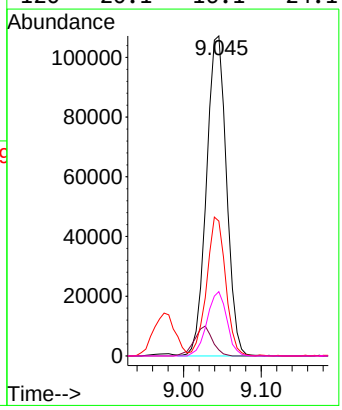
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

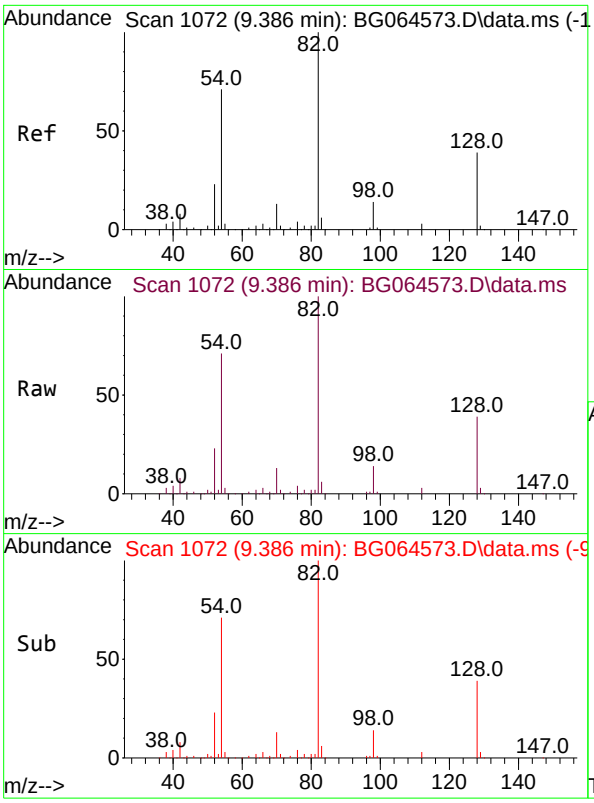


#22
Acetophenone
Concen: 42.750 ng
RT: 9.045 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:105 Resp: 192583

Ion	Ratio	Lower	Upper
105	100		
71	1.9	1.5	2.3
51	42.1	33.7	50.5
120	20.1	16.1	24.1

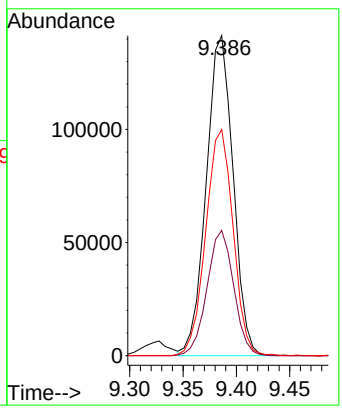




#23
Nitrobenzene-d5
Concen: 90.513 ng
RT: 9.386 min Scan# 10
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion: 82 Resp: 248341

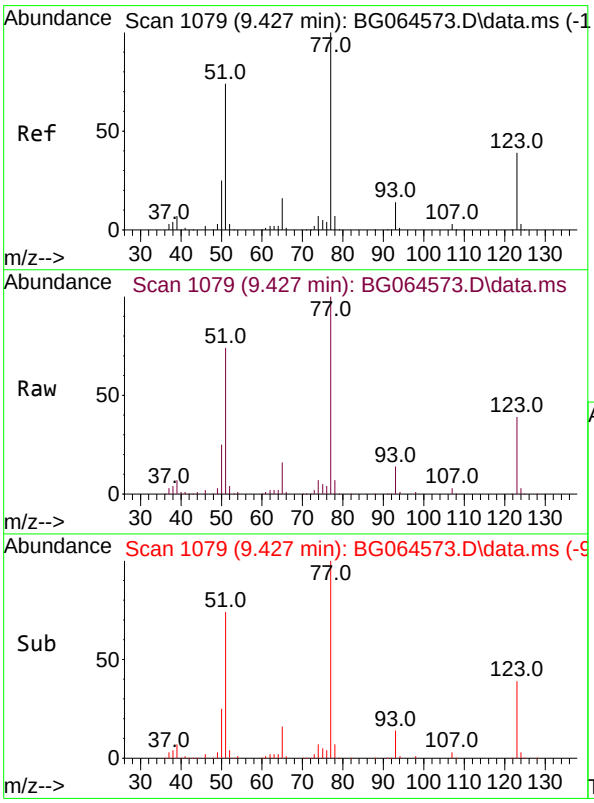
Ion	Ratio	Lower	Upper
82	100		
128	39.1	31.3	46.9
54	70.7	56.6	84.8



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

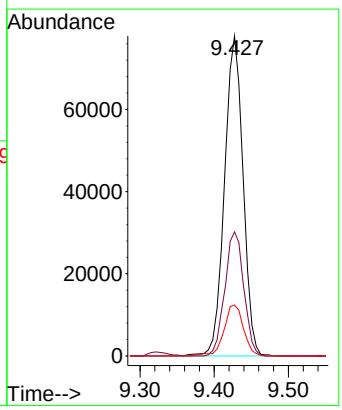
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

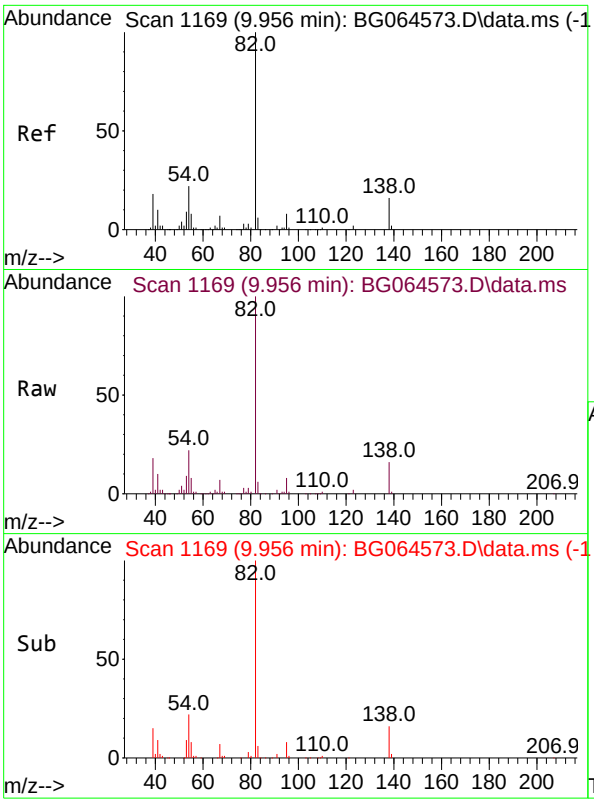


#24
Nitrobenzene
Concen: 45.274 ng
RT: 9.427 min Scan# 1079
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion: 77 Resp: 135107

Ion	Ratio	Lower	Upper
77	100		
123	38.8	31.0	46.6
65	15.9	12.7	19.1

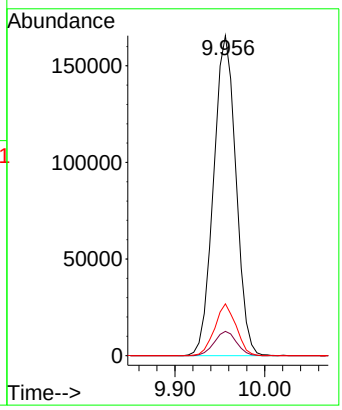




#25
Isophorone
Concen: 43.507 ng
RT: 9.956 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion: 82 Resp: 28643

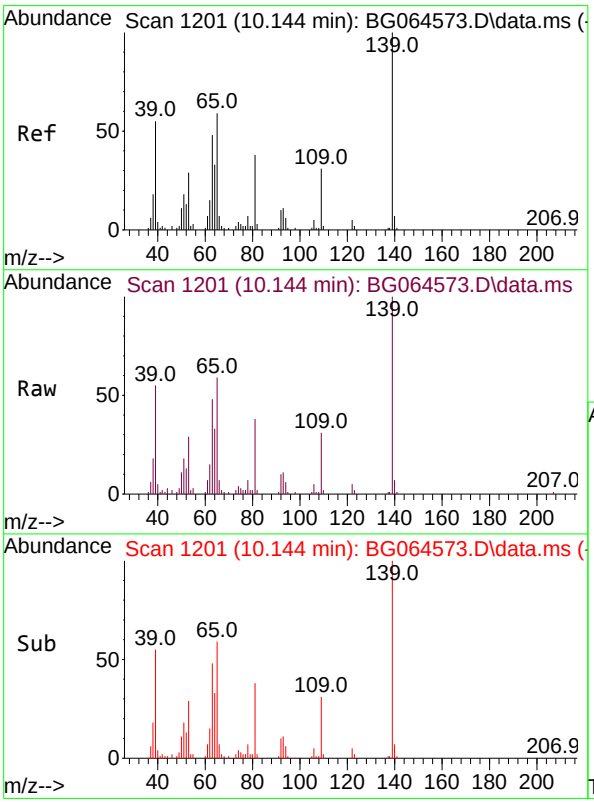
Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.1	9.1
138	16.2	13.0	19.4



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

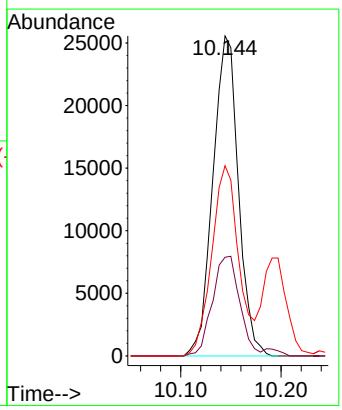
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

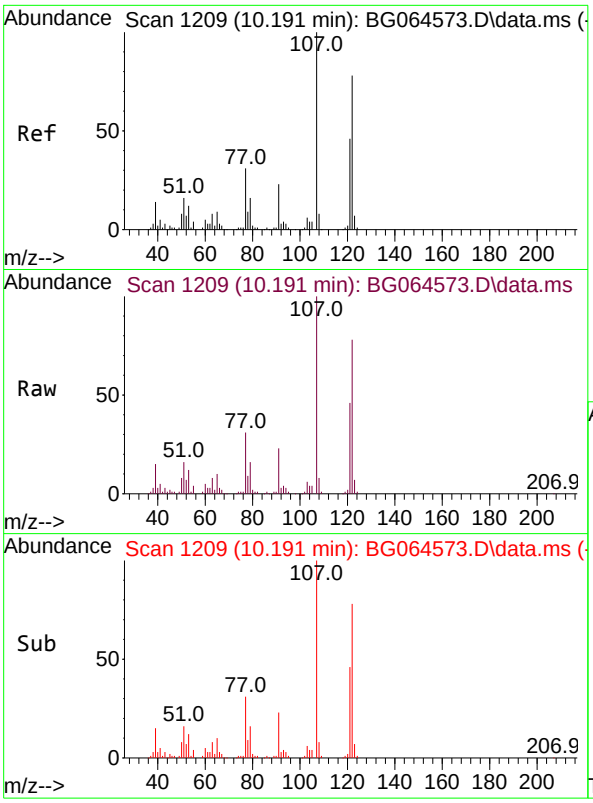


#26
2-Nitrophenol
Concen: 39.772 ng
RT: 10.144 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:139 Resp: 45134

Ion	Ratio	Lower	Upper
139	100		
109	30.8	24.6	37.0
65	59.4	47.5	71.3

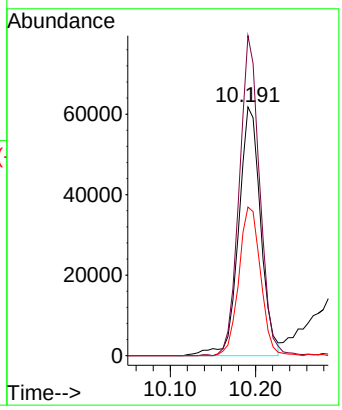




#27
2,4-Dimethylphenol
Concen: 45.129 ng
RT: 10.191 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:122 Resp: 110518

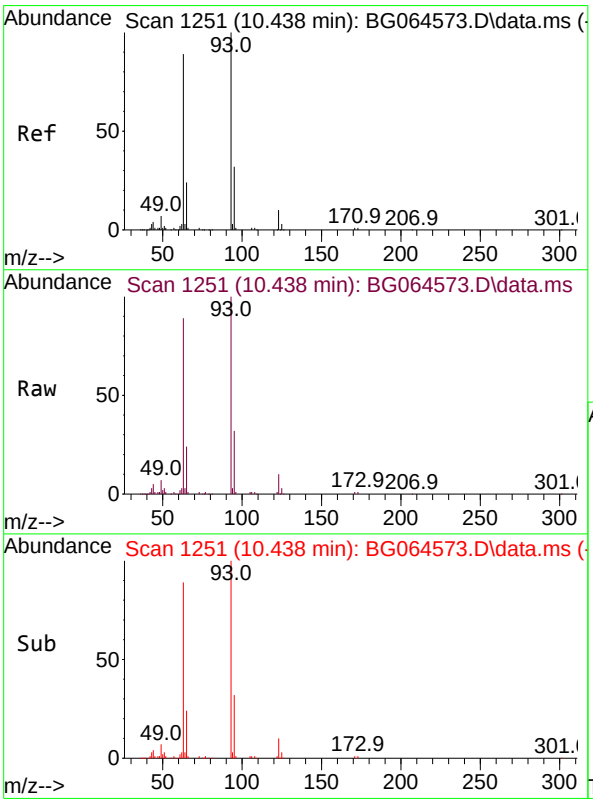
Ion	Ratio	Lower	Upper
122	100		
107	128.7	103.0	154.4
121	59.8	47.8	71.8



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

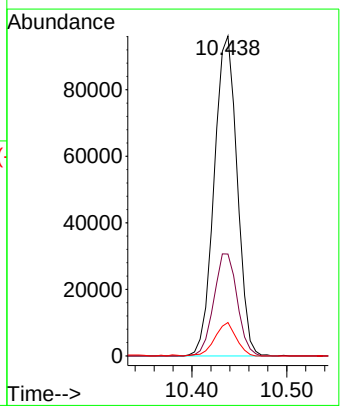
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

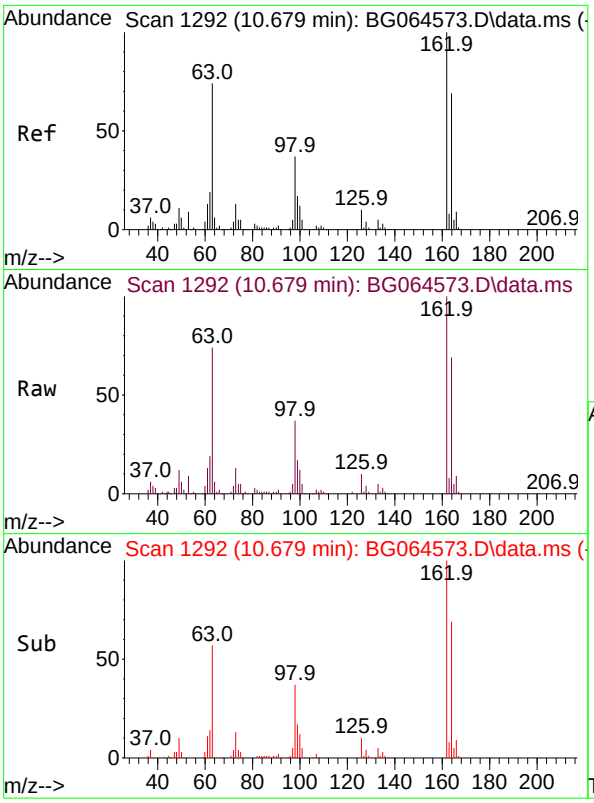


#28
bis(2-Chloroethoxy)methane
Concen: 43.070 ng
RT: 10.438 min Scan# 1251
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion: 93 Resp: 161449

Ion	Ratio	Lower	Upper
93	100		
95	31.8	25.4	38.2
123	10.5	8.4	12.6

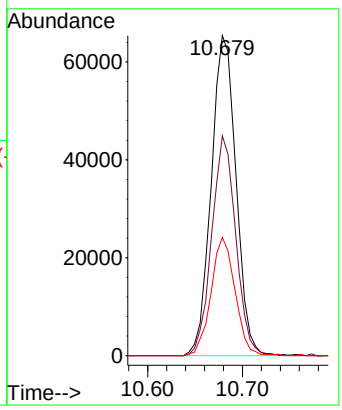




#29
2,4-Dichlorophenol
Concen: 45.026 ng
RT: 10.679 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:162 Resp: 11866

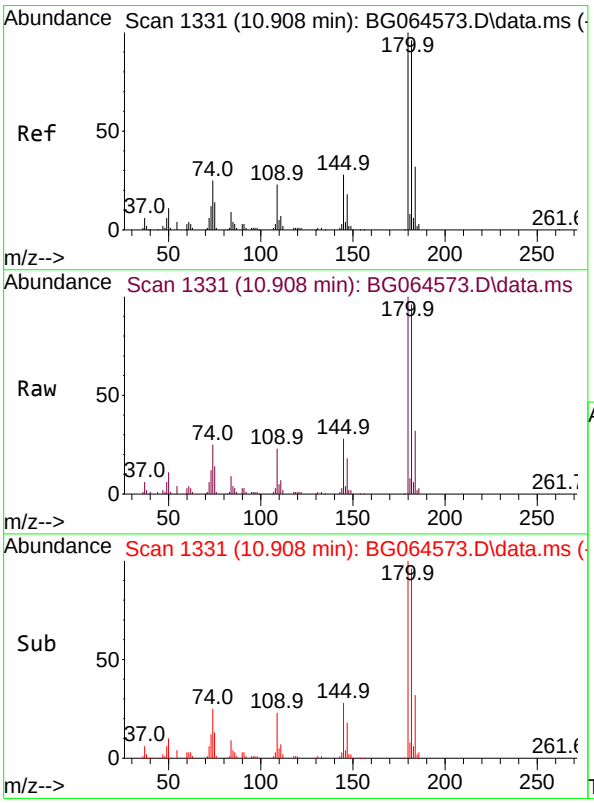
Ion	Ratio	Lower	Upper
162	100		
164	68.7	48.7	88.7
98	36.9	16.9	56.9



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

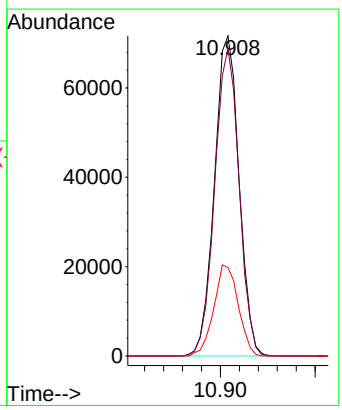
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

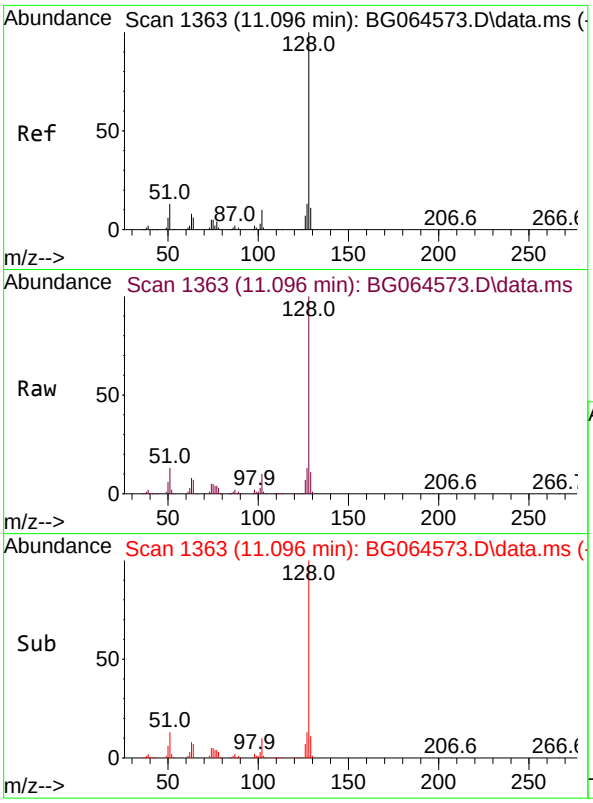


#30
1,2,4-Trichlorobenzene
Concen: 43.046 ng
RT: 10.908 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:180 Resp: 128902

Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.9	115.3
145	27.6	22.1	33.1

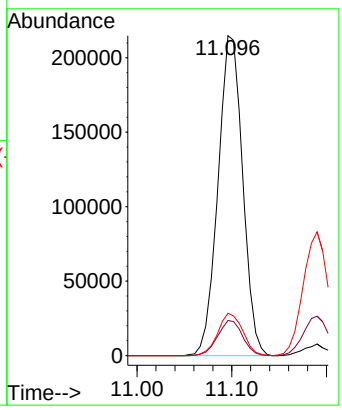




#31
Naphthalene
Concen: 42.469 ng
RT: 11.096 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:128 Resp: 38803

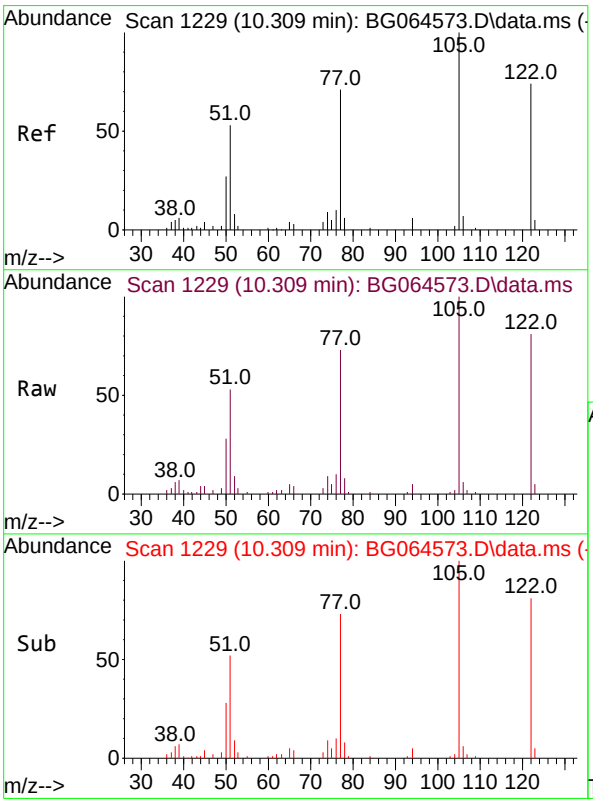
Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.2	10.6	15.8



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

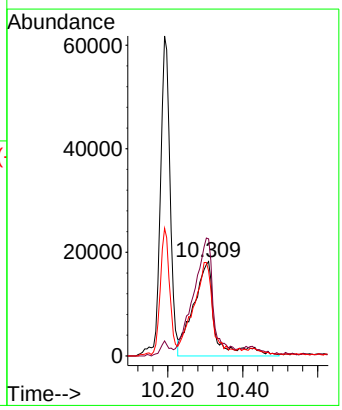
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

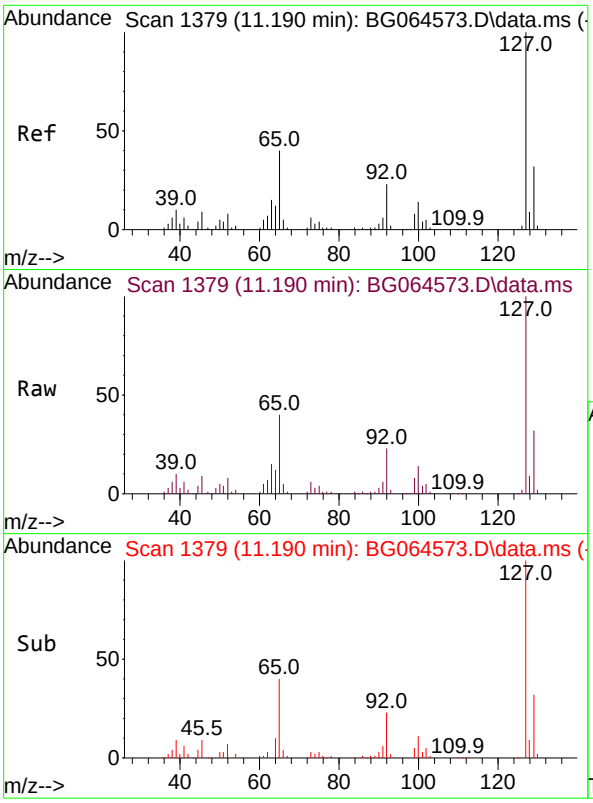


#32
Benzoic acid
Concen: 40.425 ng m
RT: 10.309 min Scan# 1229
Delta R.T. -0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:122 Resp: 73604

Ion	Ratio	Lower	Upper
122	100		
105	124.2	104.2	144.2
77	90.2	70.2	110.2

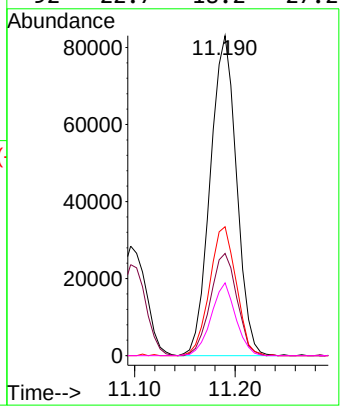




#33
4-Chloroaniline
Concen: 42.585 ng
RT: 11.190 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:127 Resp: 15123

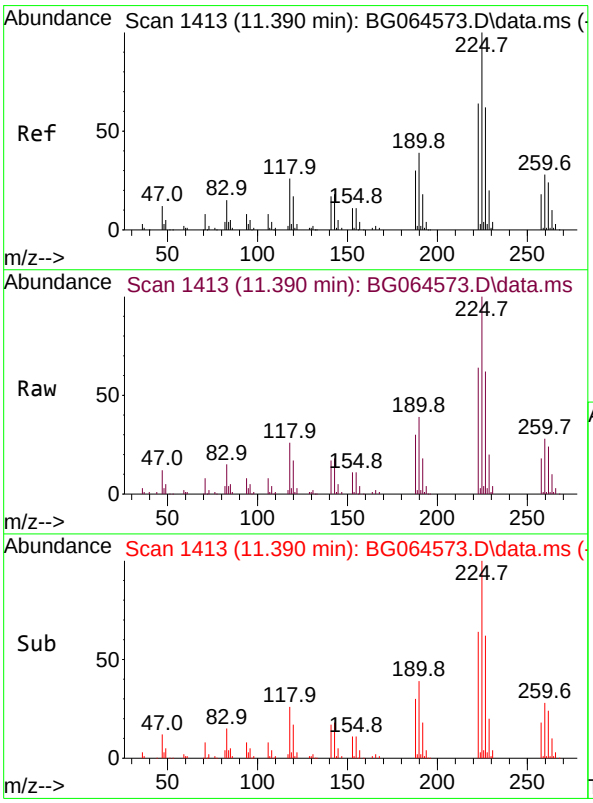
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.5	38.3
65	40.3	32.2	48.4
92	22.7	18.2	27.2



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

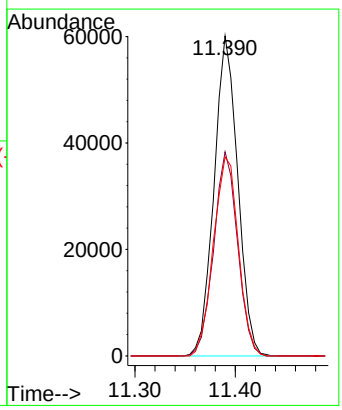
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

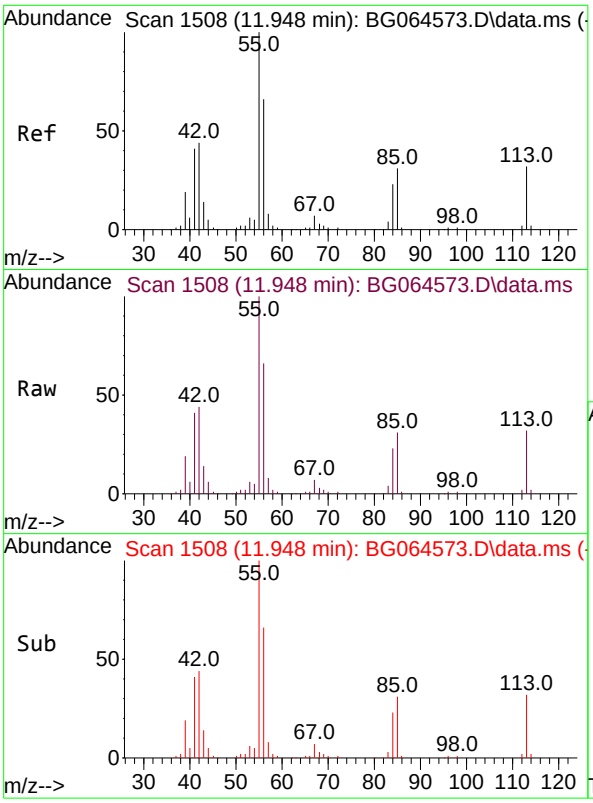


#34
Hexachlorobutadiene
Concen: 42.139 ng
RT: 11.390 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:225 Resp: 98683

Ion	Ratio	Lower	Upper
225	100		
223	61.0	48.8	73.2
227	61.9	49.5	74.3

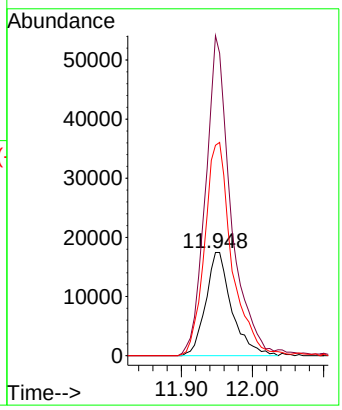




#35
Caprolactam
Concen: 43.731 ng
RT: 11.948 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:113 Resp: 4420

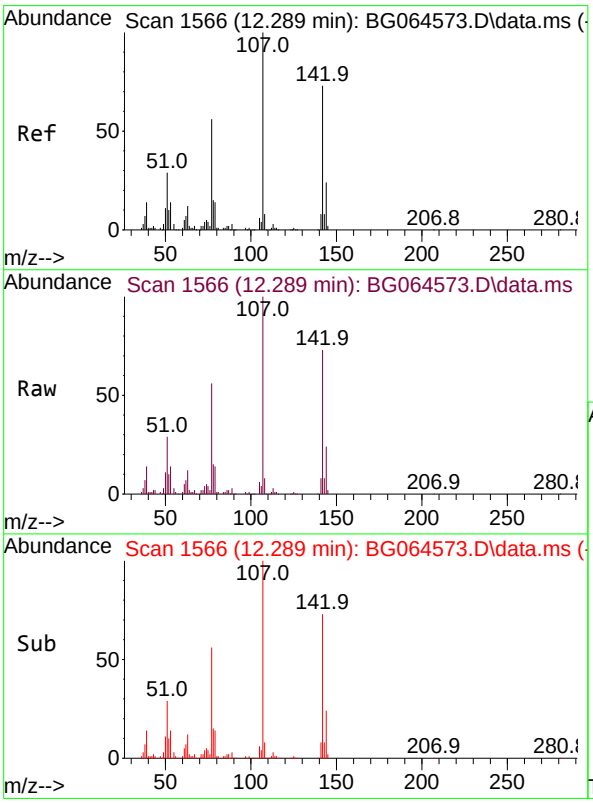
Ion	Ratio	Lower	Upper
113	100		
55	310.1	290.1	330.1
56	203.8	183.8	223.8



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

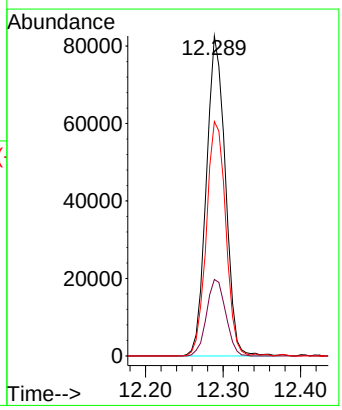
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

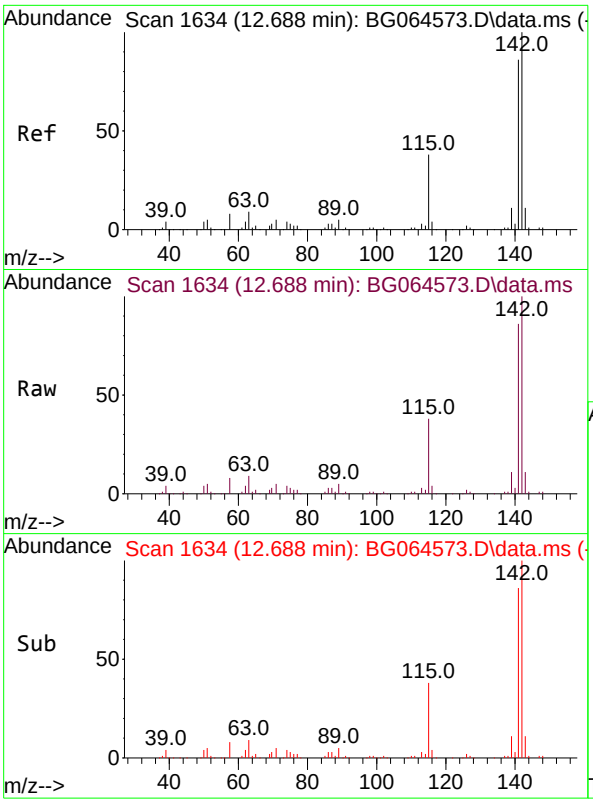


#36
4-Chloro-3-methylphenol
Concen: 44.278 ng
RT: 12.289 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:107 Resp: 140272

Ion	Ratio	Lower	Upper
107	100		
144	23.9	19.1	28.7
142	73.2	58.6	87.8

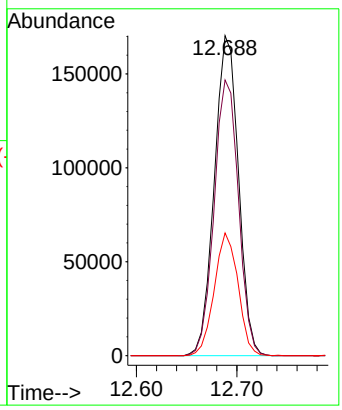




#37
2-Methylnaphthalene
Concen: 42.499 ng
RT: 12.688 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:142 Resp: 28508

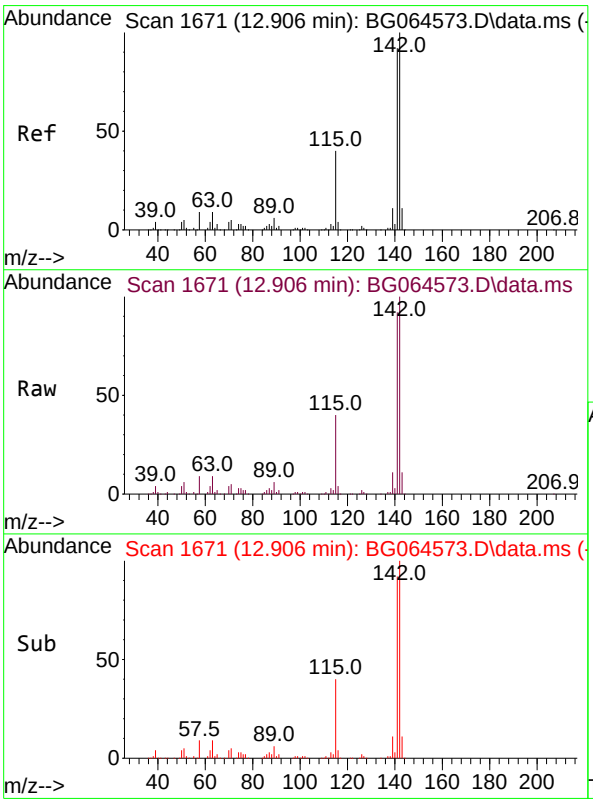
Ion	Ratio	Lower	Upper
142	100		
141	86.1	68.9	103.3
115	38.3	30.6	46.0



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

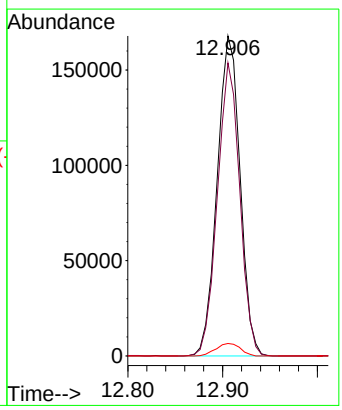
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

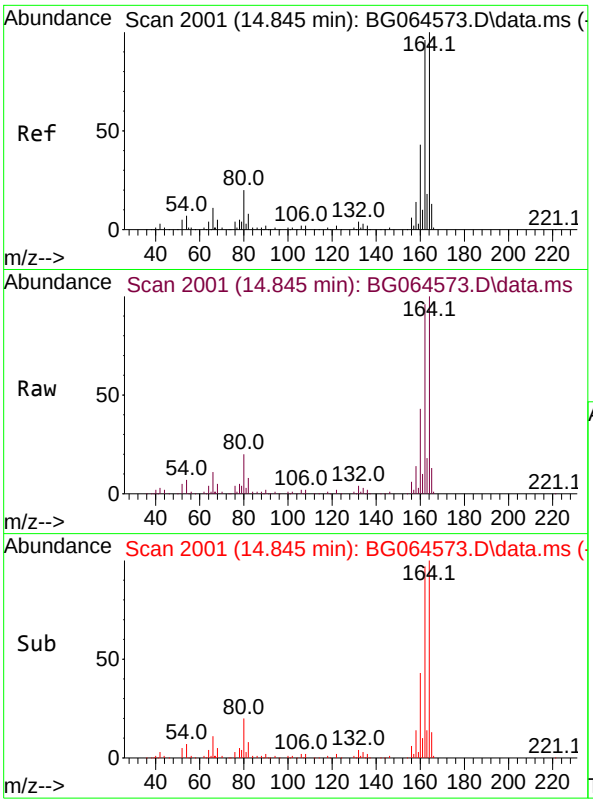


#38
1-Methylnaphthalene
Concen: 42.362 ng
RT: 12.906 min Scan# 1671
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:142 Resp: 281256

Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.3	109.9
116	3.9	3.1	4.7

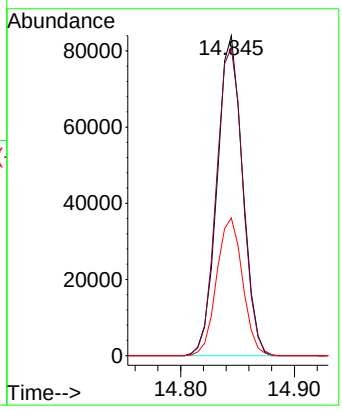




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.845 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:164 Resp: 13054

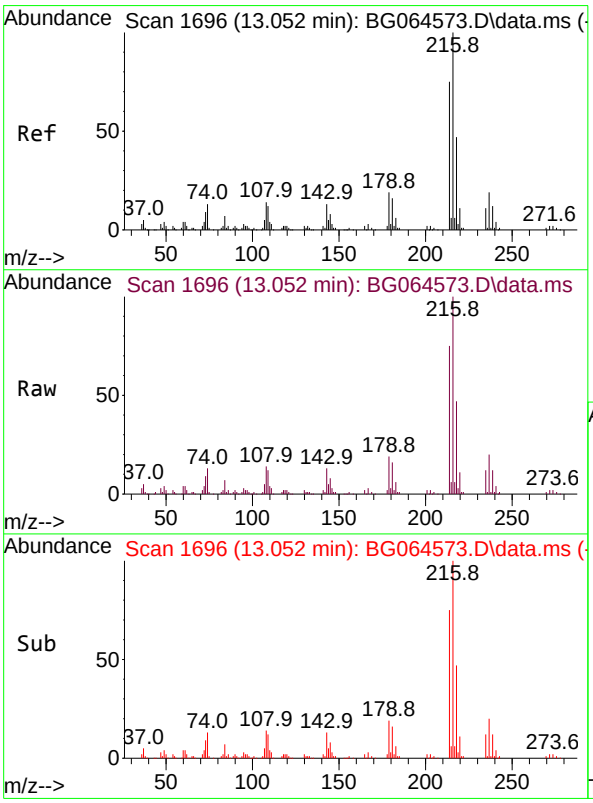
Ion	Ratio	Lower	Upper
164	100		
162	96.3	77.0	115.6
160	43.0	34.4	51.6



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

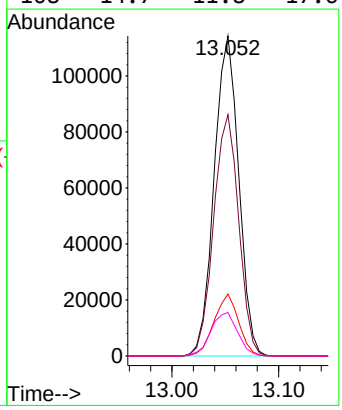
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

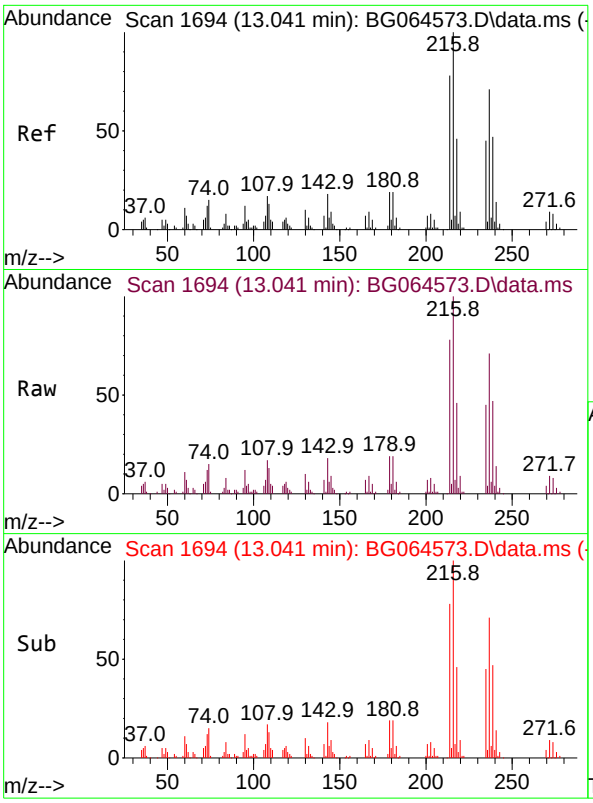


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.856 ng
RT: 13.052 min Scan# 1696
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:216 Resp: 183376

Ion	Ratio	Lower	Upper
216	100		
214	76.8	61.4	92.2
179	19.2	15.4	23.0
108	14.7	11.8	17.6

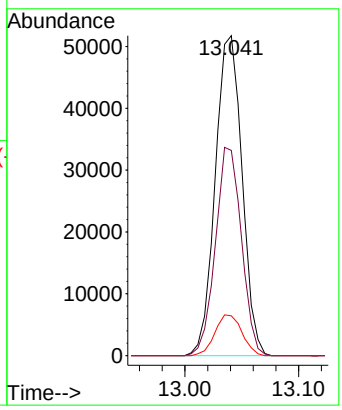




#41
Hexachlorocyclopentadiene
Concen: 42.853 ng
RT: 13.041 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:237 Resp: 8450

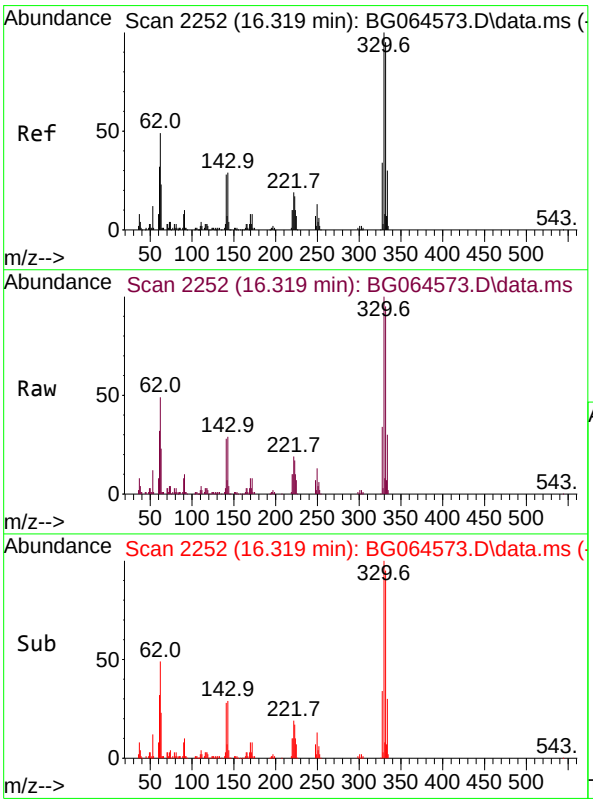
Ion	Ratio	Lower	Upper
237	100		
235	64.1	44.1	84.1
272	12.4	0.0	32.4



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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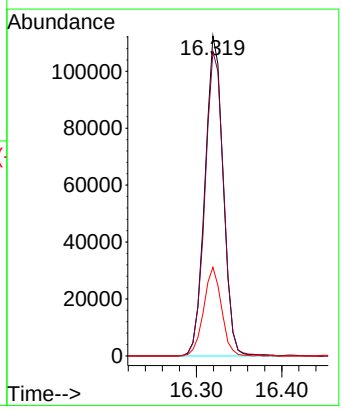
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

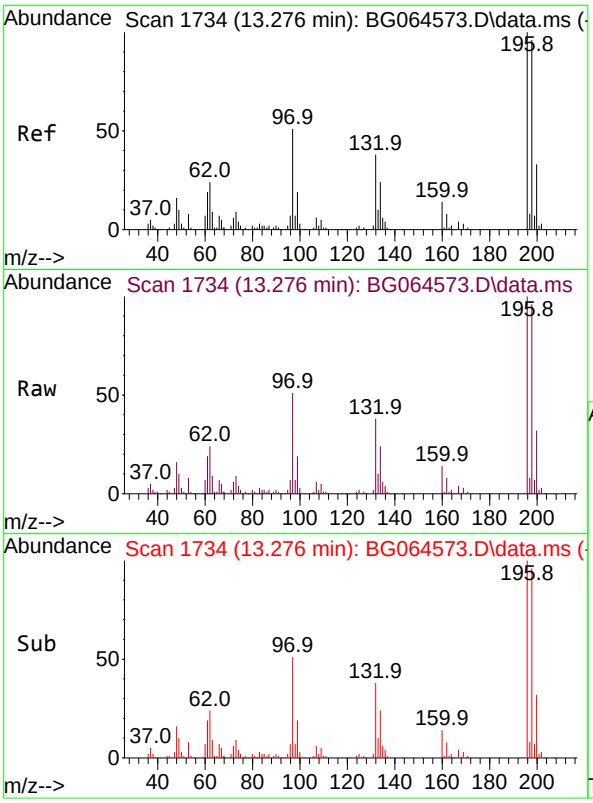


#42
2,4,6-Tribromophenol
Concen: 88.092 ng
RT: 16.319 min Scan# 2252
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:330 Resp: 165976

Ion	Ratio	Lower	Upper
330	100		
332	97.5	78.0	117.0
141	27.2	21.8	32.6





#43
2,4,6-Trichlorophenol
Concen: 44.097 ng
RT: 13.276 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

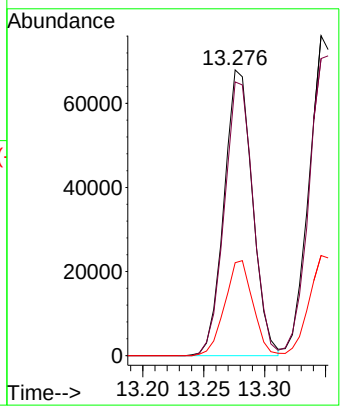
Tgt Ion:196 Resp: 11050

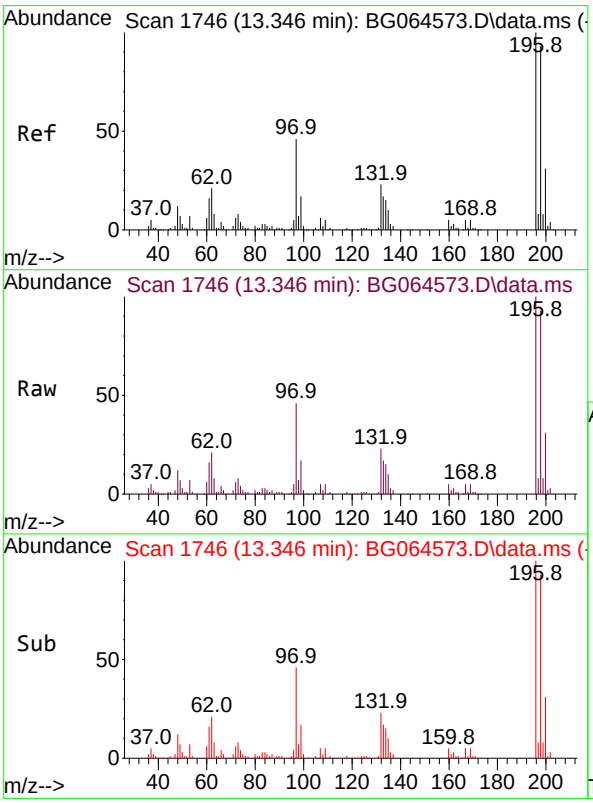
Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.6	115.0
200	32.5	26.0	39.0

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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Reviewed By :Rahul Chavli 10/27/2025
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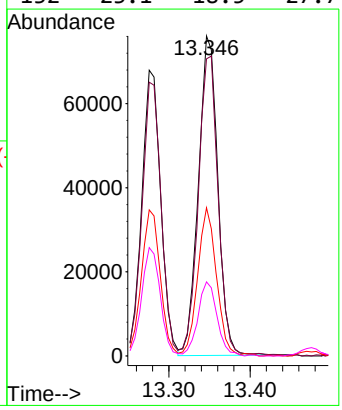


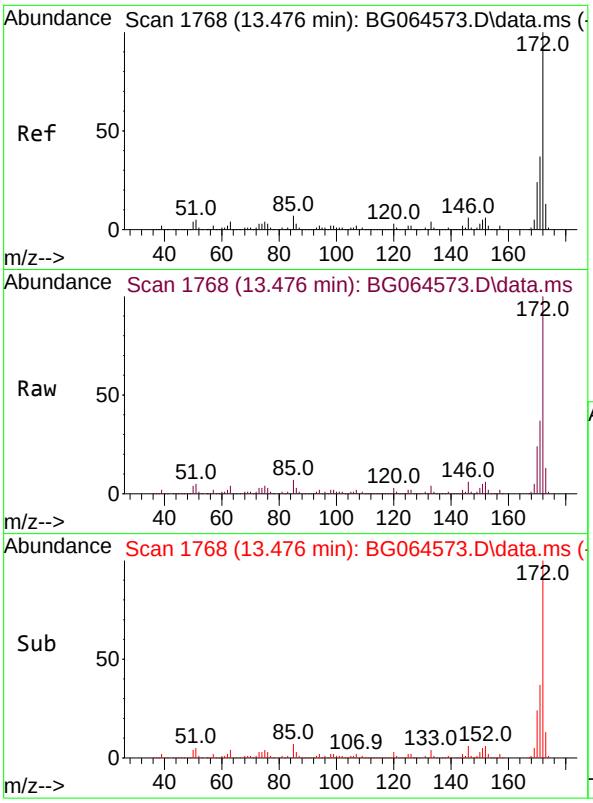


#44
2,4,5-Trichlorophenol
Concen: 43.694 ng
RT: 13.346 min Scan# 1746
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:196 Resp: 126360

Ion	Ratio	Lower	Upper
196	100		
198	92.8	74.2	111.4
97	46.3	37.0	55.6
132	23.1	18.5	27.7

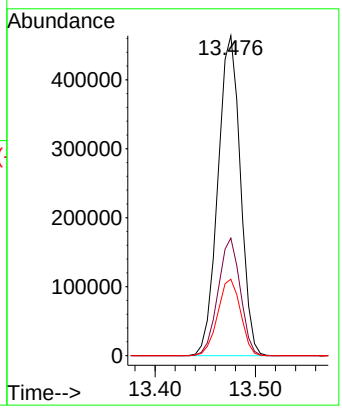




#45
2-Fluorobiphenyl
Concen: 83.888 ng
RT: 13.476 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:172 Resp: 72247

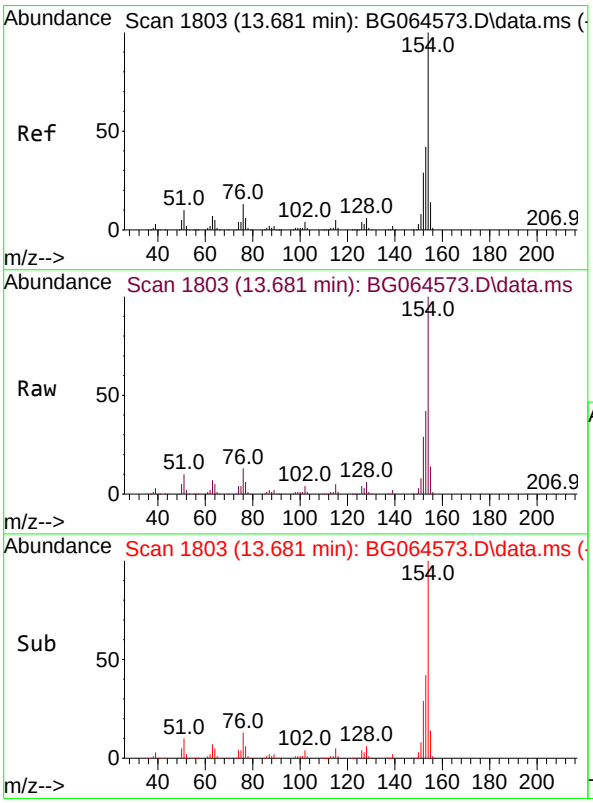
Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	23.9	19.1	28.7



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

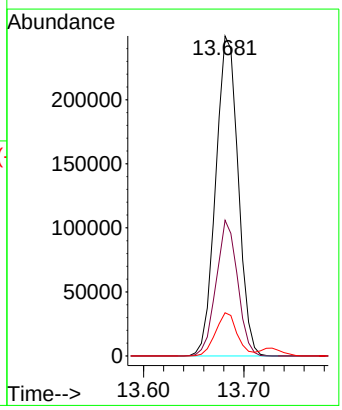
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

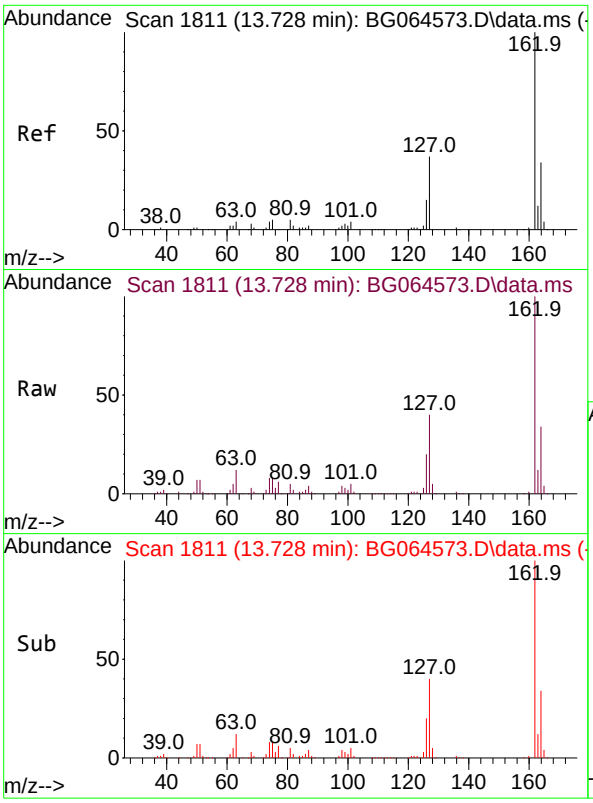


#46
1,1'-Biphenyl
Concen: 41.885 ng
RT: 13.681 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:154 Resp: 388718

Ion	Ratio	Lower	Upper
154	100		
153	42.4	22.4	62.4
76	13.5	0.0	33.5

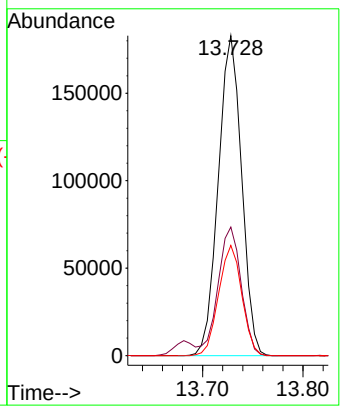




#47
2-Chloronaphthalene
Concen: 42.182 ng
RT: 13.728 min Scan# 18
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:162 Resp: 29550

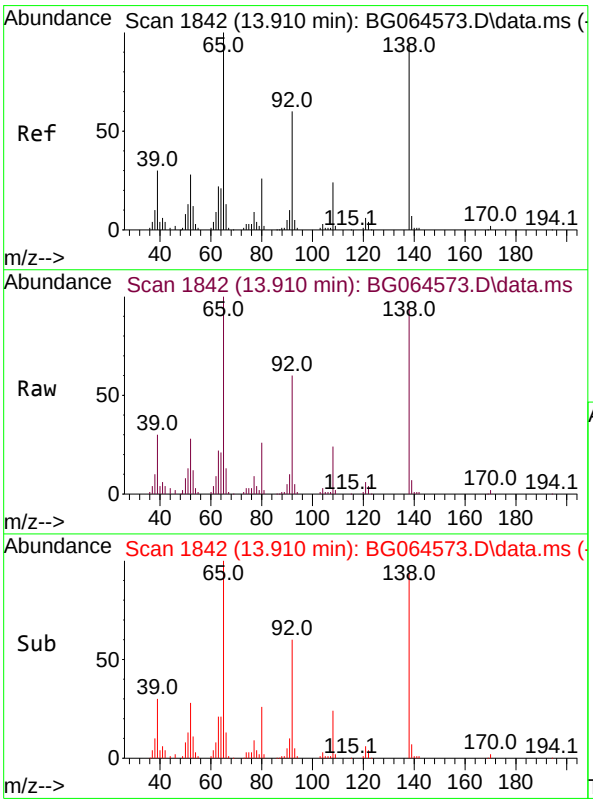
Ion	Ratio	Lower	Upper
162	100		
127	40.2	32.2	48.2
164	34.4	27.5	41.3



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

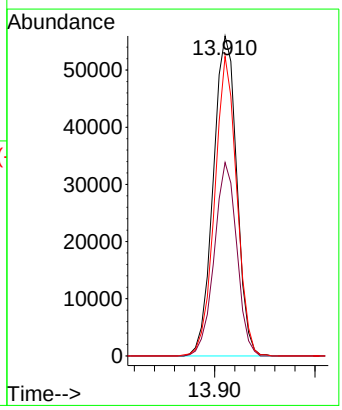
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

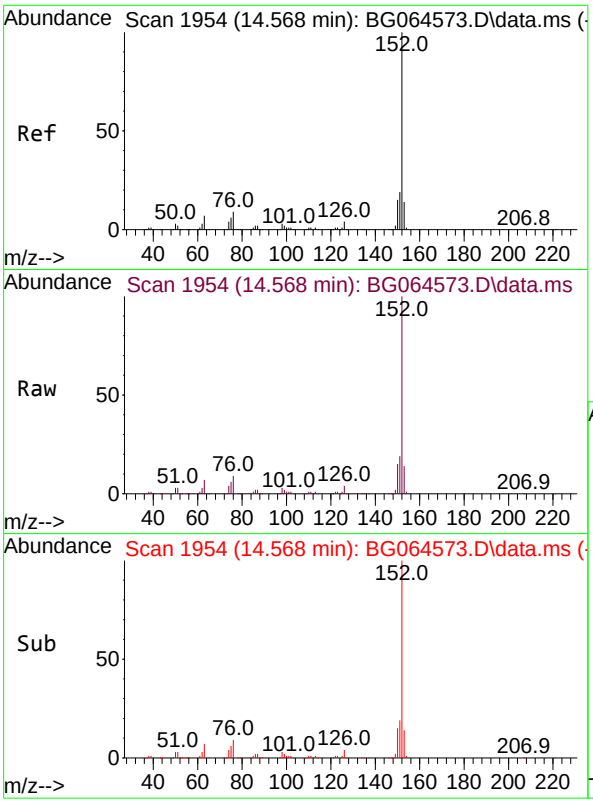


#48
2-Nitroaniline
Concen: 39.303 ng
RT: 13.910 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion: 65 Resp: 90958

Ion	Ratio	Lower	Upper
65	100		
92	60.4	48.3	72.5
138	93.6	74.9	112.3

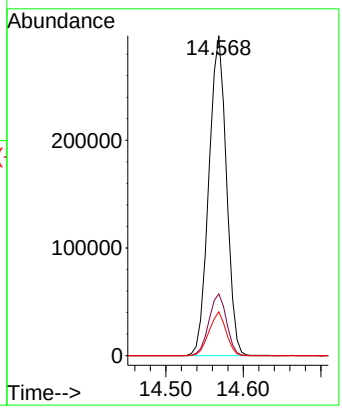




#49
Acenaphthylene
Concen: 42.209 ng
RT: 14.568 min Scan# 19
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:152 Resp: 46639

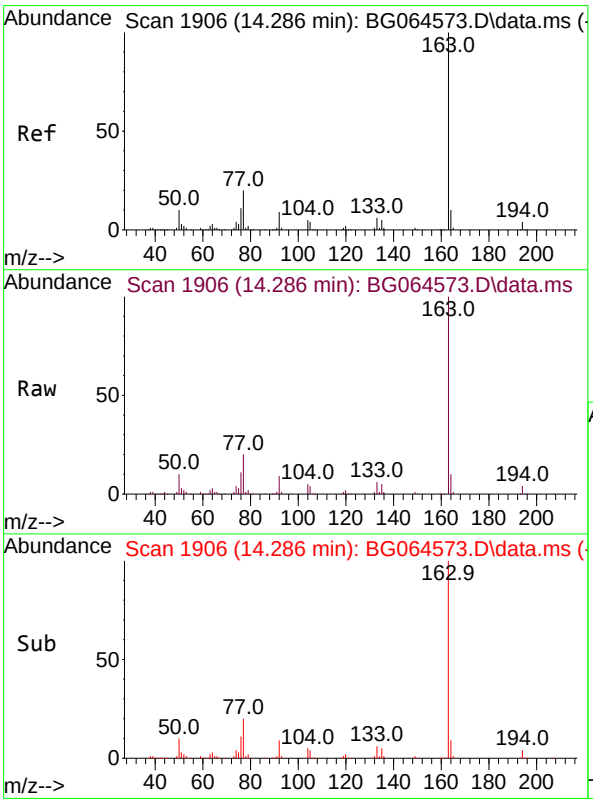
Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.2
153	13.7	11.0	16.4



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

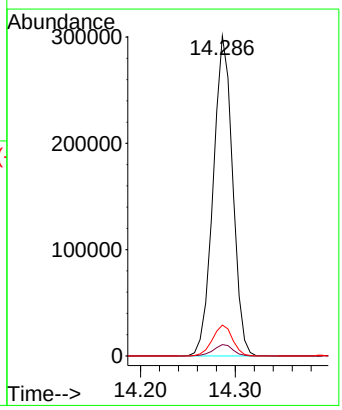
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

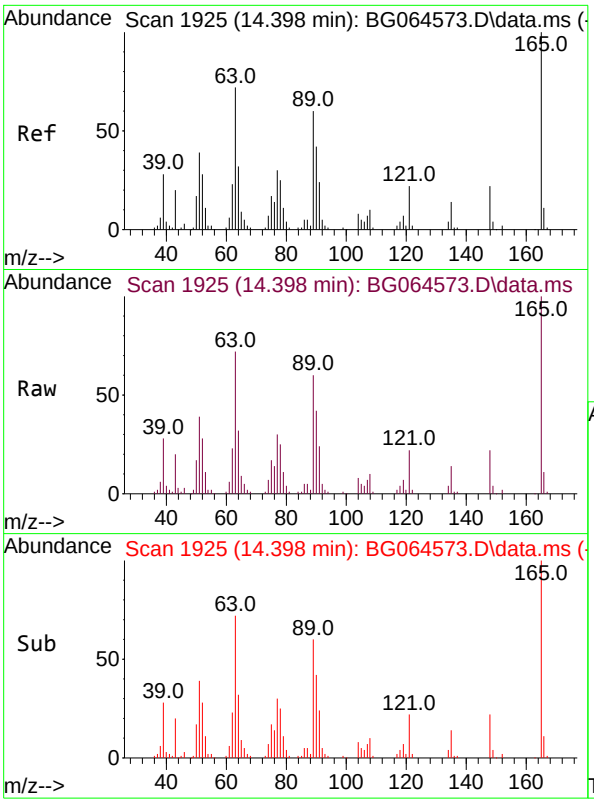


#50
Dimethylphthalate
Concen: 42.894 ng
RT: 14.286 min Scan# 1906
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:163 Resp: 428475

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	9.6	7.7	11.5





#51
2,6-Dinitrotoluene
Concen: 39.696 ng
RT: 14.398 min Scan# 19
Delta R.T. -0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

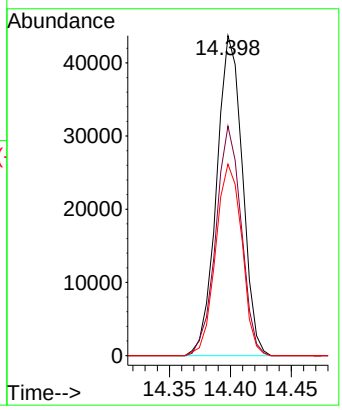
Tgt Ion:165 Resp: 6445

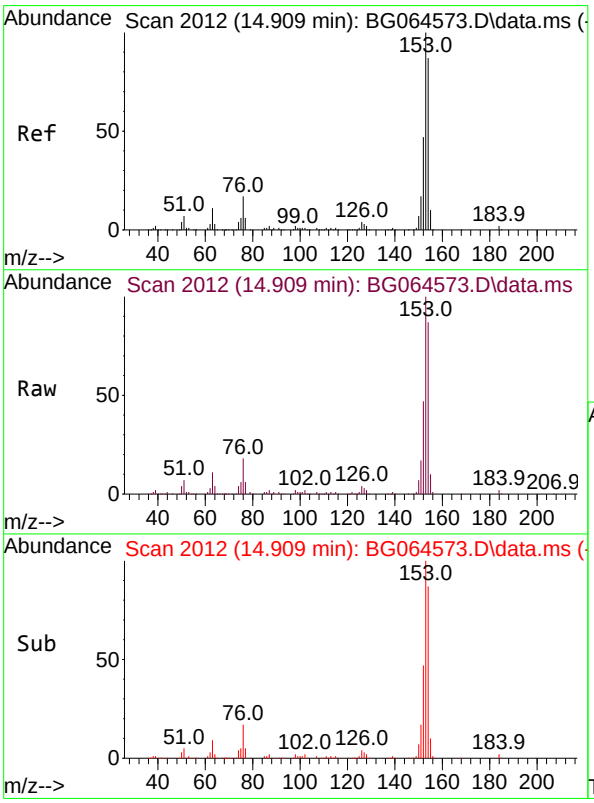
Ion	Ratio	Lower	Upper
165	100		
63	71.7	57.4	86.0
89	59.8	47.8	71.8

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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Supervised By :mohammad ahmed 11/05/2025

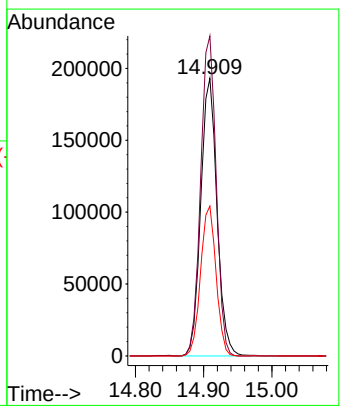


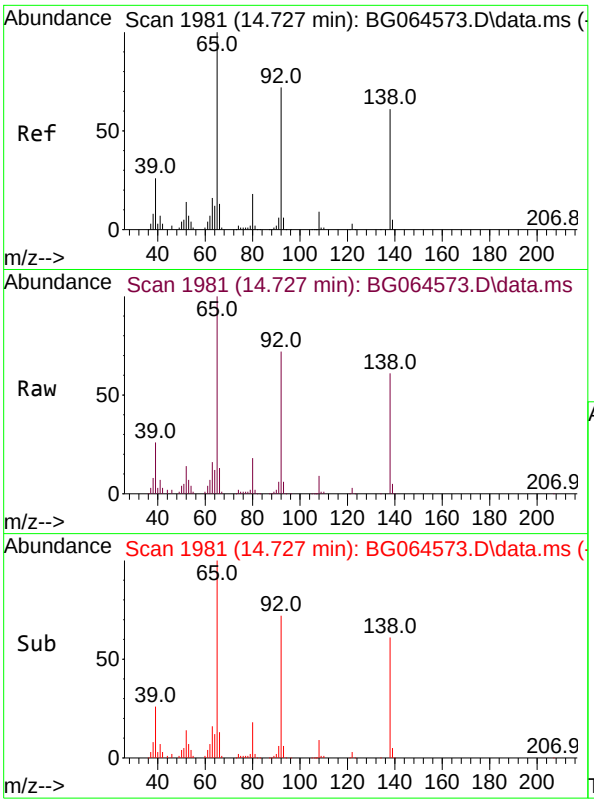


#52
Acenaphthene
Concen: 42.289 ng
RT: 14.909 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:154 Resp: 319250

Ion	Ratio	Lower	Upper
154	100		
153	115.3	92.2	138.4
152	54.0	43.2	64.8

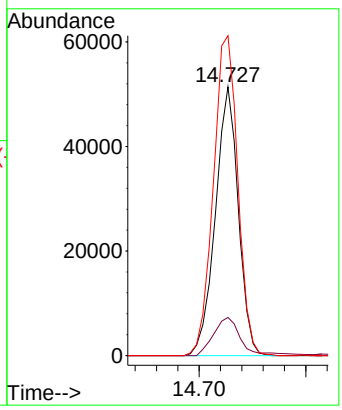




#53
3-Nitroaniline
Concen: 44.762 ng
RT: 14.727 min Scan# 19
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:138 Resp: 7684

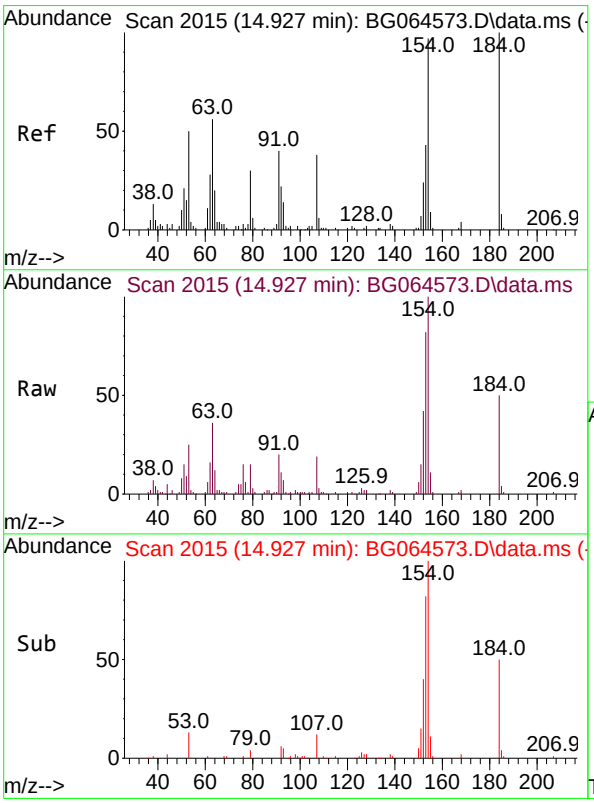
Ion	Ratio	Lower	Upper
138	100		
108	14.2	11.4	17.0
92	119.1	95.3	142.9



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

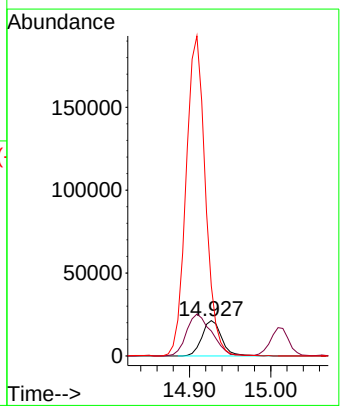
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

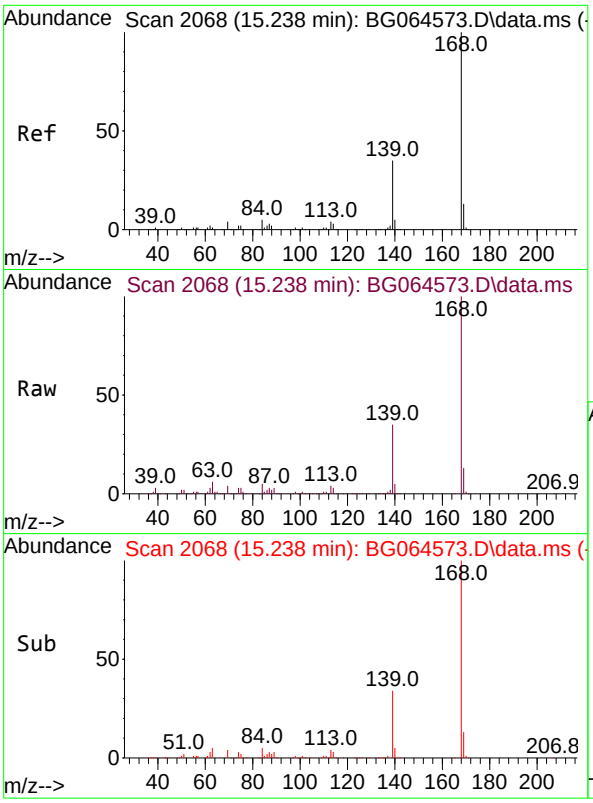


#54
2,4-Dinitrophenol
Concen: 38.390 ng
RT: 14.927 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:184 Resp: 35677

Ion	Ratio	Lower	Upper
184	100		
63	70.8	56.6	85.0
154	198.3	158.6	238.0

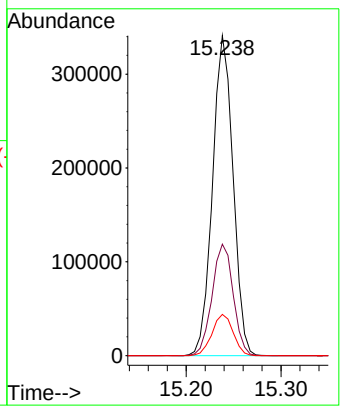




#55
Dibenzofuran
Concen: 41.995 ng
RT: 15.238 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:168 Resp: 51254

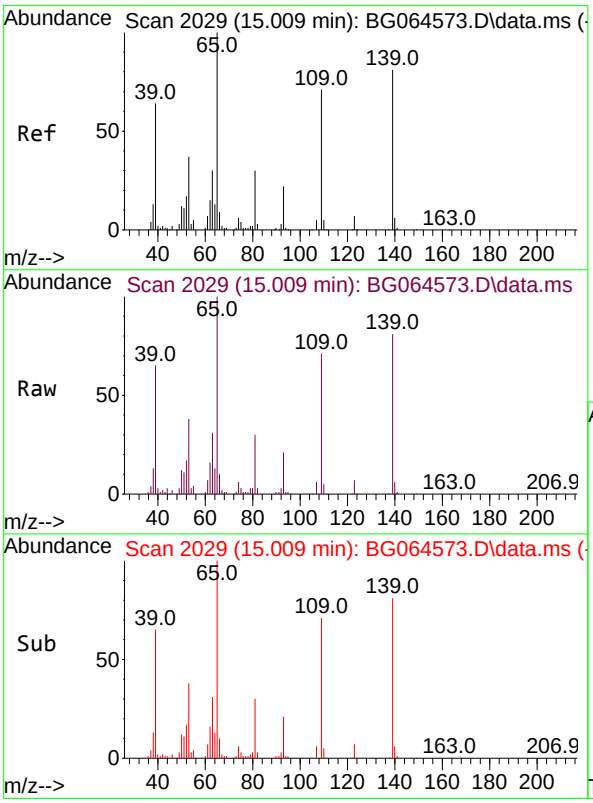
Ion	Ratio	Lower	Upper
168	100		
139	34.8	27.8	41.8
169	12.9	10.3	15.5



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

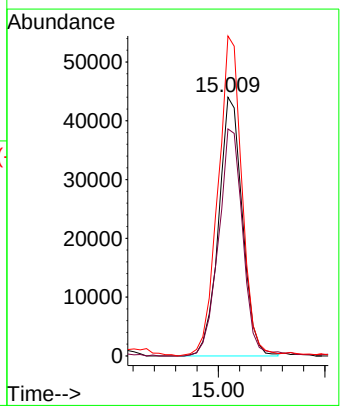
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

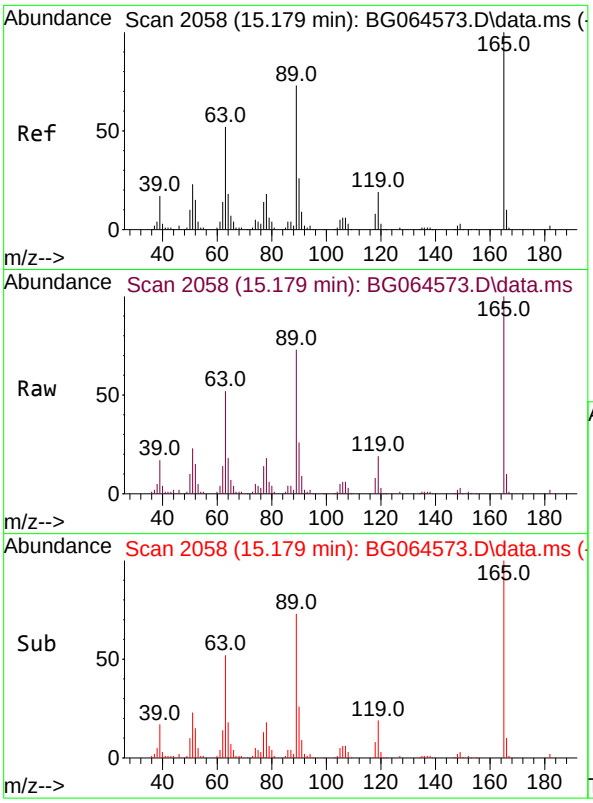


#56
4-Nitrophenol
Concen: 42.765 ng
RT: 15.009 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:139 Resp: 68064

Ion	Ratio	Lower	Upper
139	100		
109	87.8	67.8	107.8
65	123.7	103.7	143.7

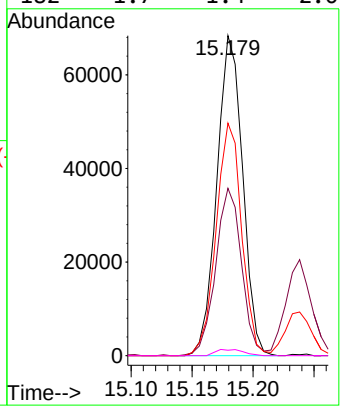




#57
2,4-Dinitrotoluene
Concen: 39.962 ng
RT: 15.179 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:165 Resp: 10044

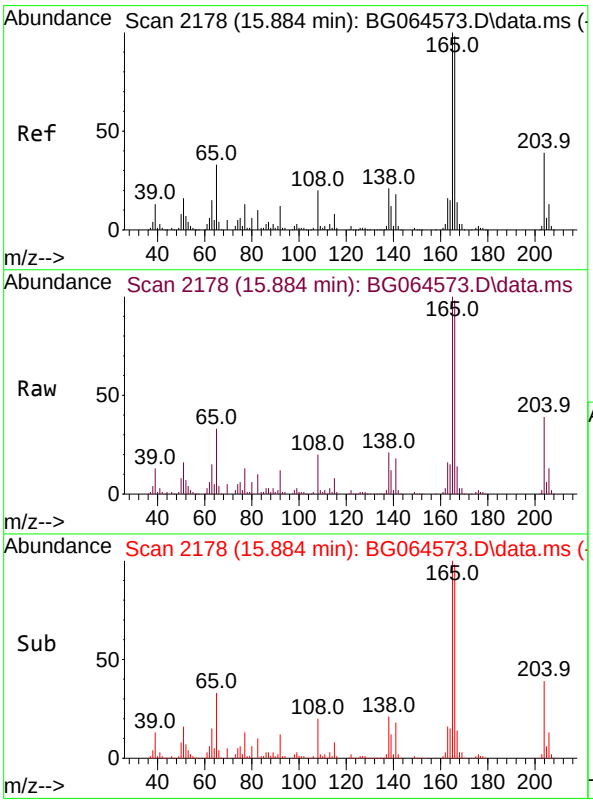
Ion	Ratio	Lower	Upper
165	100		
63	52.3	41.8	62.8
89	72.6	58.1	87.1
182	1.7	1.4	2.0



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

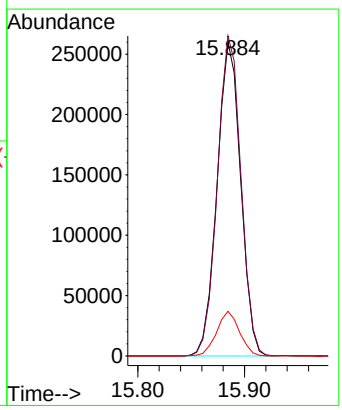
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

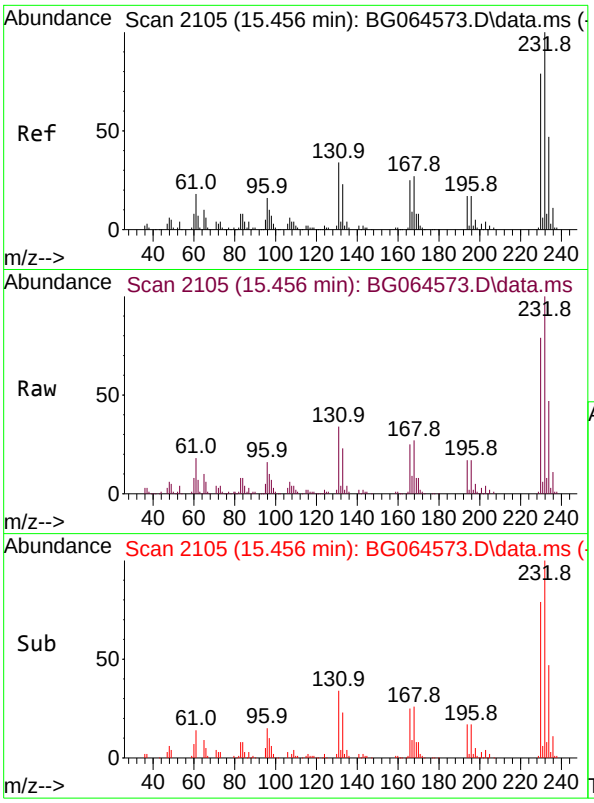


#58
Fluorene
Concen: 41.939 ng
RT: 15.884 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:166 Resp: 399745

Ion	Ratio	Lower	Upper
166	100		
165	101.9	81.5	122.3
167	14.2	11.4	17.0

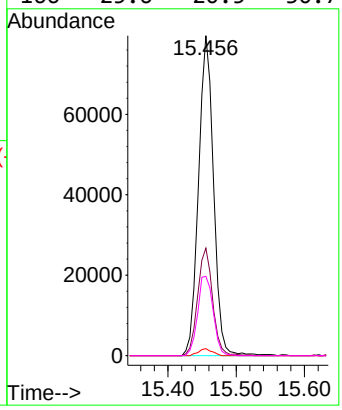




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.030 ng
RT: 15.456 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:232 Resp: 12176

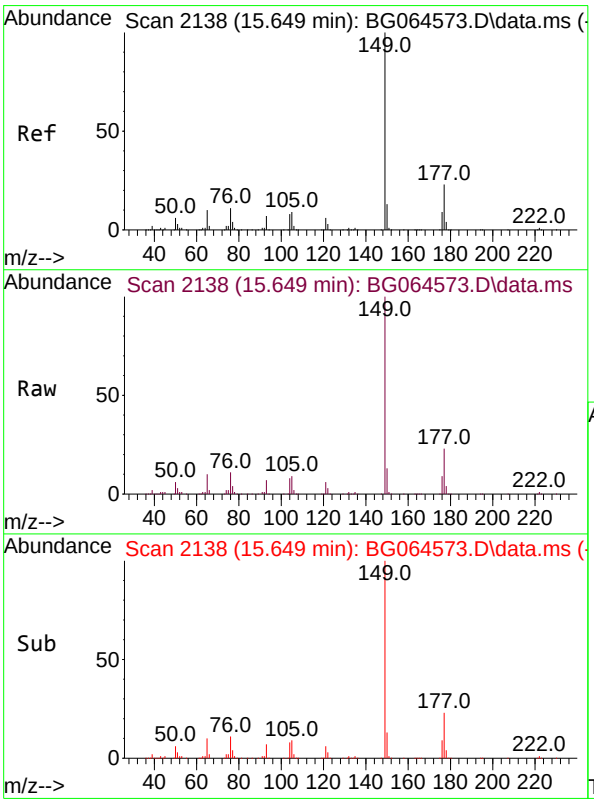
Ion	Ratio	Lower	Upper
232	100		
131	33.4	26.7	40.1
130	2.0	1.6	2.4
166	25.6	20.5	30.7



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

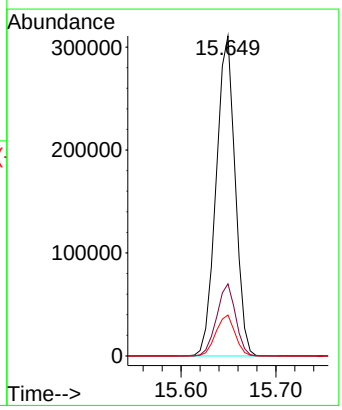
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

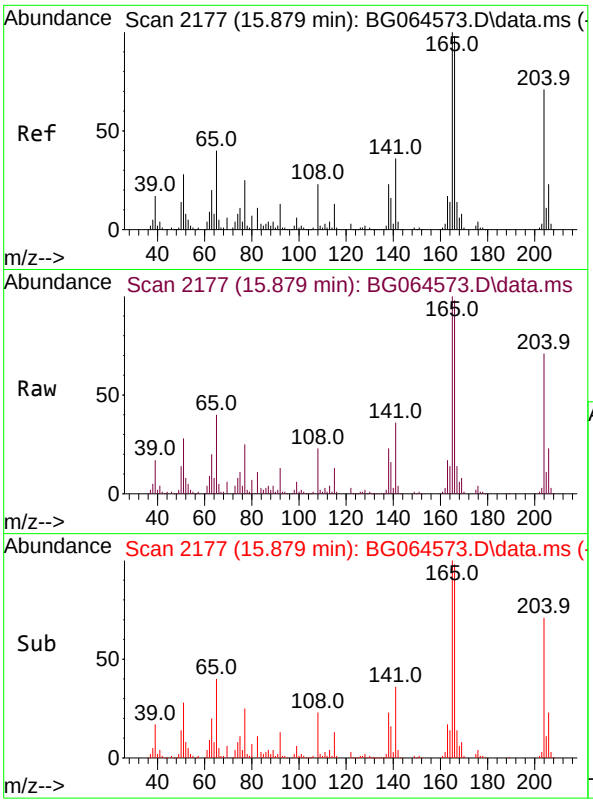


#60
Diethylphthalate
Concen: 42.412 ng
RT: 15.649 min Scan# 2138
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:149 Resp: 432571

Ion	Ratio	Lower	Upper
149	100		
177	22.5	18.0	27.0
150	12.8	10.2	15.4

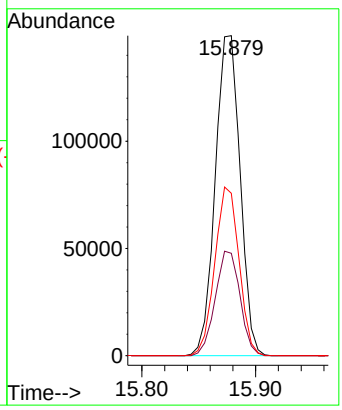




#61
4-Chlorophenyl-phenylether
Concen: 42.270 ng
RT: 15.879 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:204 Resp: 22610

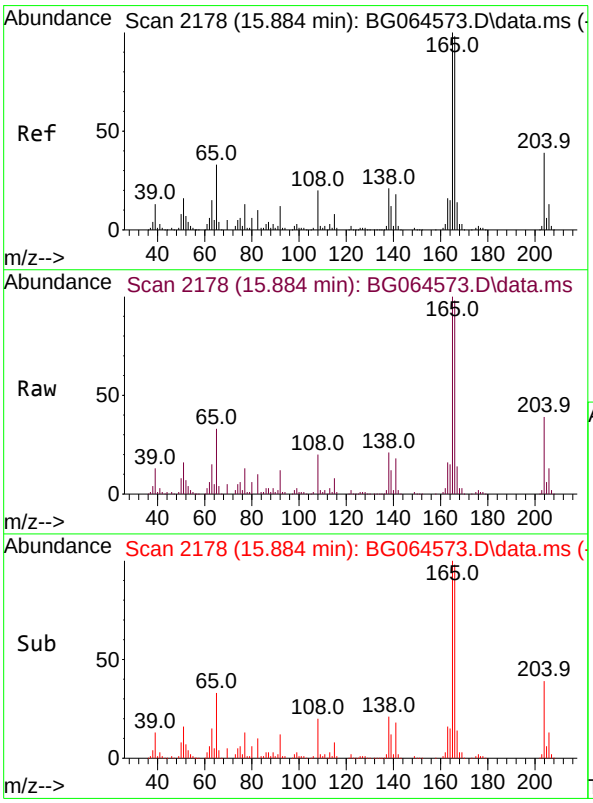
Ion	Ratio	Lower	Upper
204	100		
206	32.0	25.6	38.4
141	50.7	40.6	60.8



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

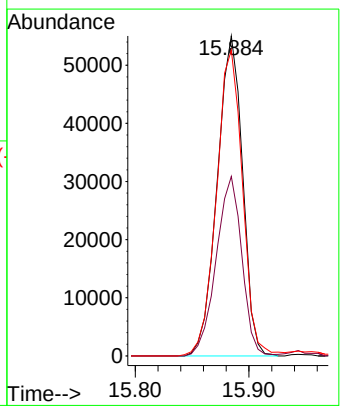
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

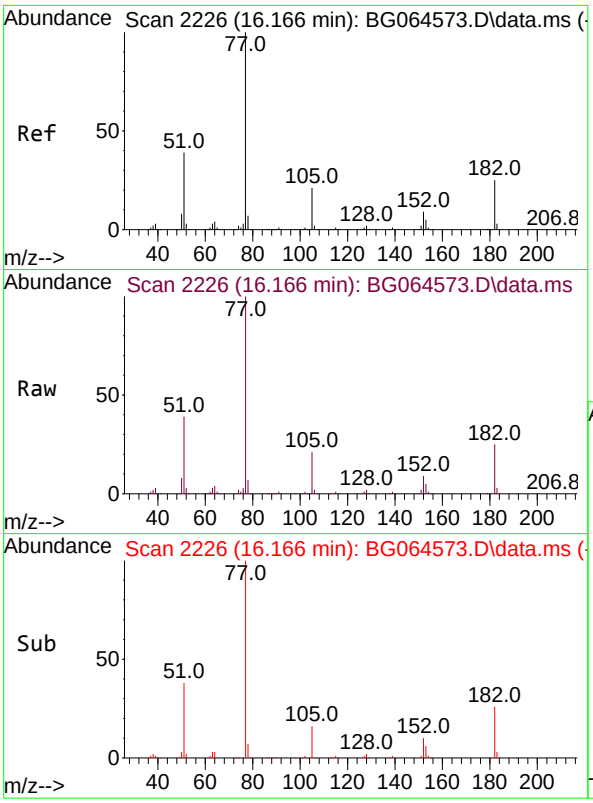


#62
4-Nitroaniline
Concen: 44.662 ng
RT: 15.884 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:138 Resp: 85297

Ion	Ratio	Lower	Upper
138	100		
92	56.1	36.1	76.1
108	95.6	75.6	115.6

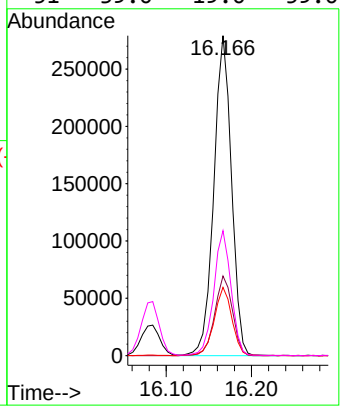




#63
Azobenzene
Concen: 42.922 ng
RT: 16.166 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion: 77 Resp: 40167

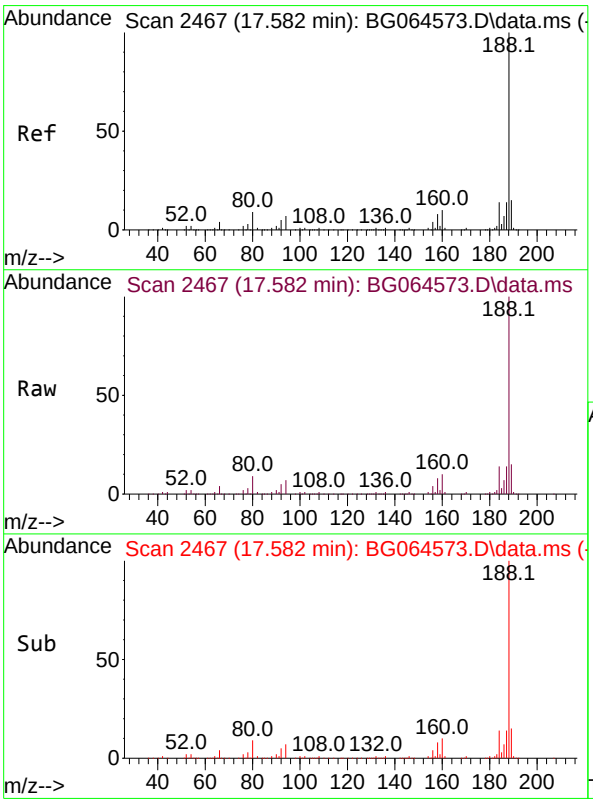
Ion	Ratio	Lower	Upper
77	100		
182	24.9	4.9	44.9
105	21.3	1.3	41.3
51	39.0	19.0	59.0



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

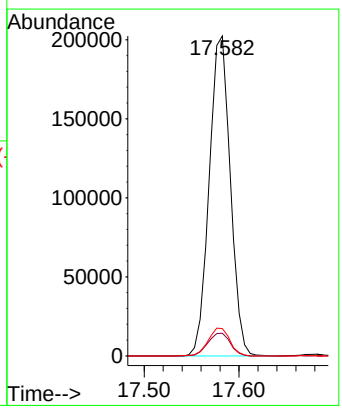
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

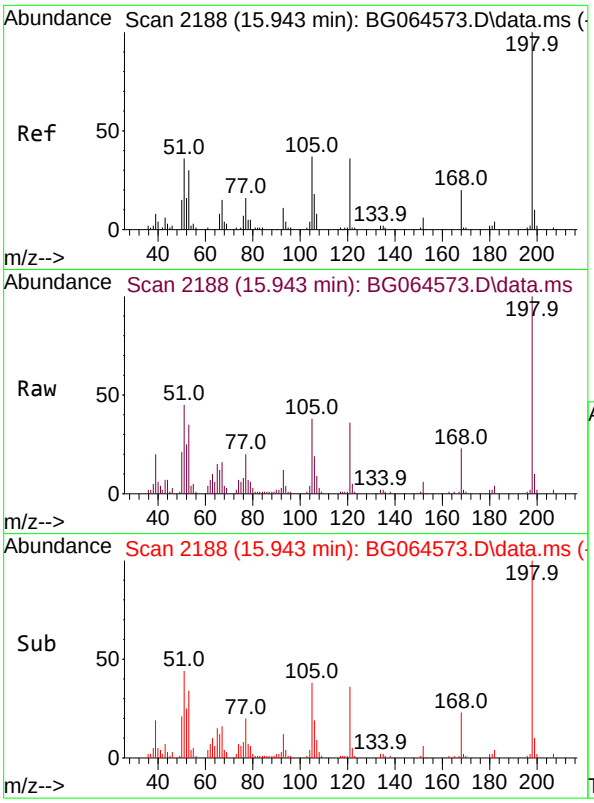


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.582 min Scan# 2467
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:188 Resp: 313311

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.7	8.5
80	8.5	6.8	10.2

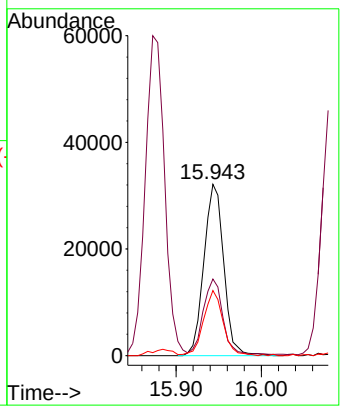




#65
4,6-Dinitro-2-methylphenol
Concen: 38.770 ng
RT: 15.943 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:198 Resp: 5182

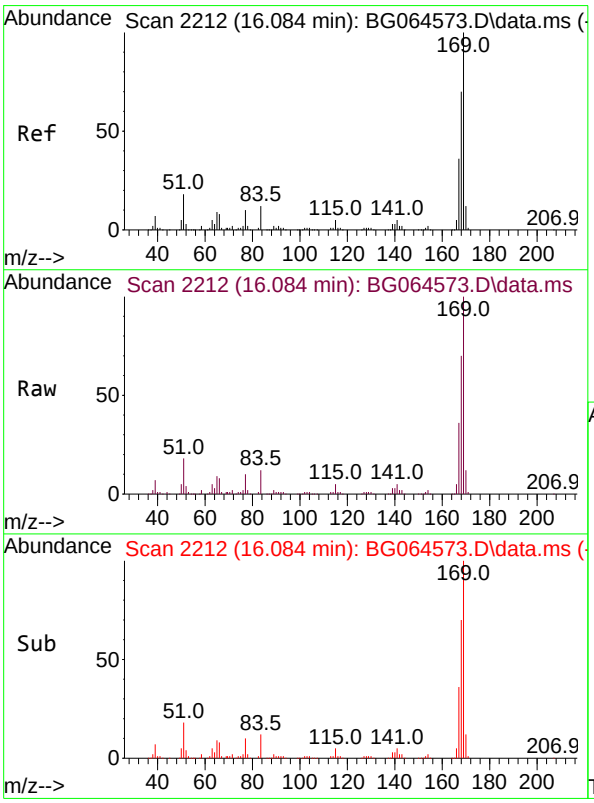
Ion	Ratio	Lower	Upper
198	100		
51	44.7	24.7	64.7
105	38.0	18.0	58.0



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

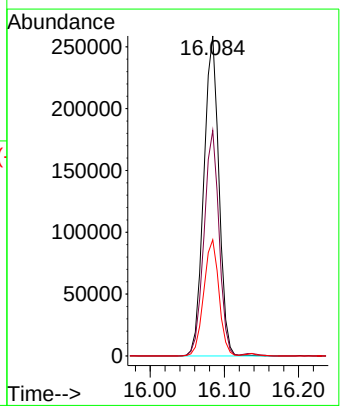
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

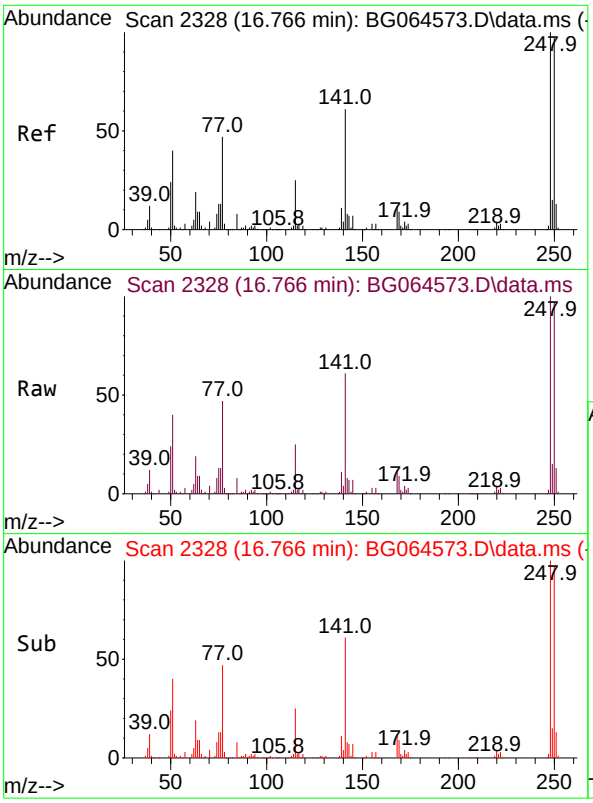


#66
n-Nitrosodiphenylamine
Concen: 43.201 ng
RT: 16.084 min Scan# 2212
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:169 Resp: 365624

Ion	Ratio	Lower	Upper
169	100		
168	70.4	56.3	84.5
167	36.3	29.0	43.6

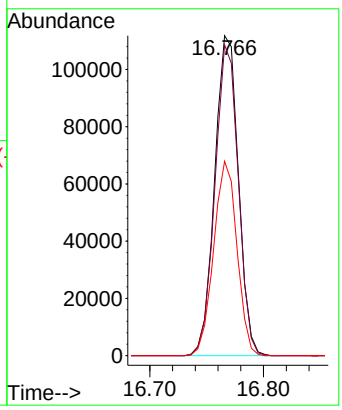




#67
4-Bromophenyl-phenylether
Concen: 43.563 ng
RT: 16.766 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:248 Resp: 16174

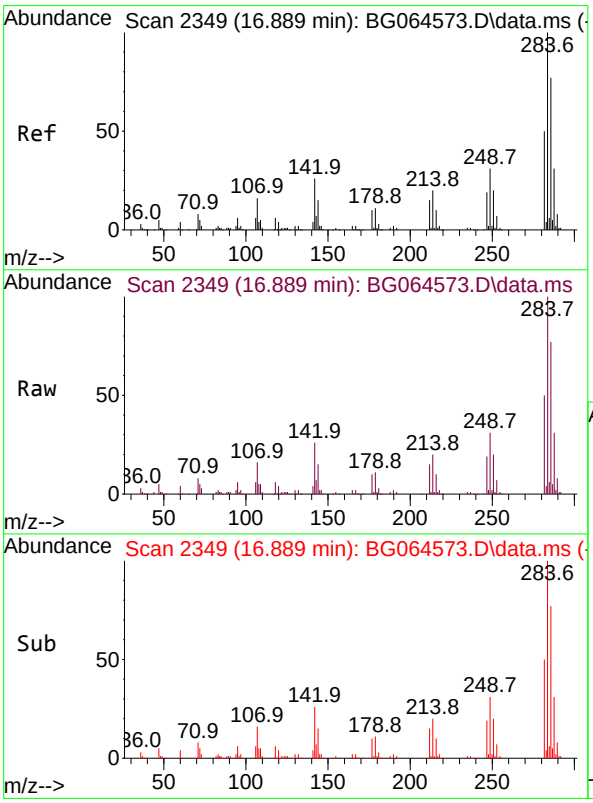
Ion	Ratio	Lower	Upper
248	100		
250	97.1	77.7	116.5
141	60.7	48.6	72.8



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

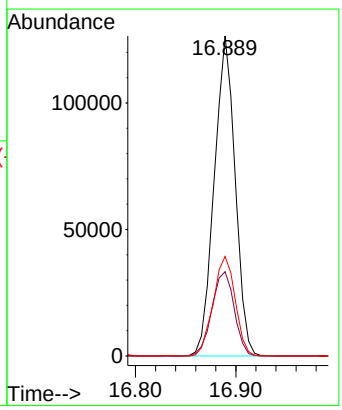
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

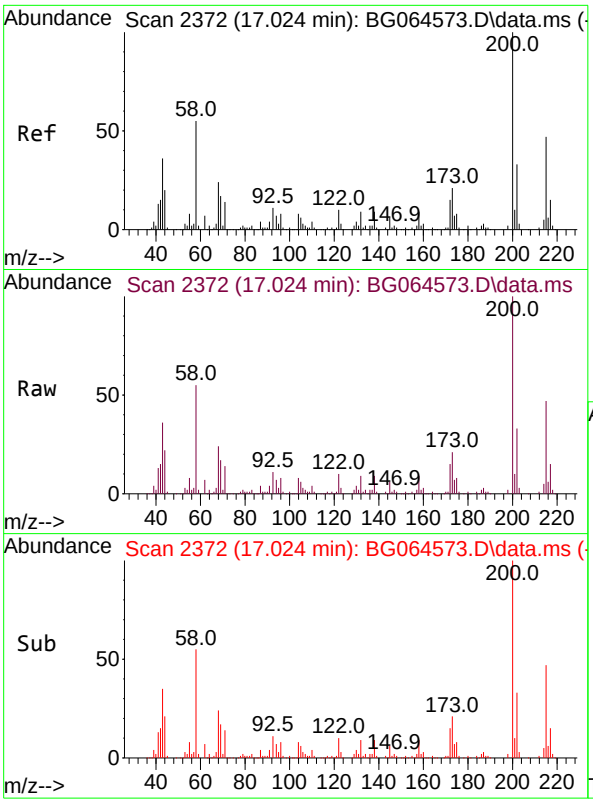


#68
Hexachlorobenzene
Concen: 43.265 ng
RT: 16.889 min Scan# 2349
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:284 Resp: 183262

Ion	Ratio	Lower	Upper
284	100		
142	26.3	21.0	31.6
249	31.1	24.9	37.3

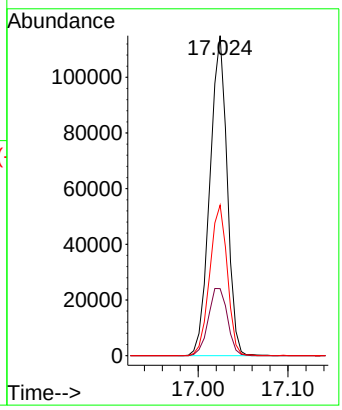




#69
Atrazine
Concen: 42.203 ng
RT: 17.024 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:200 Resp: 153706

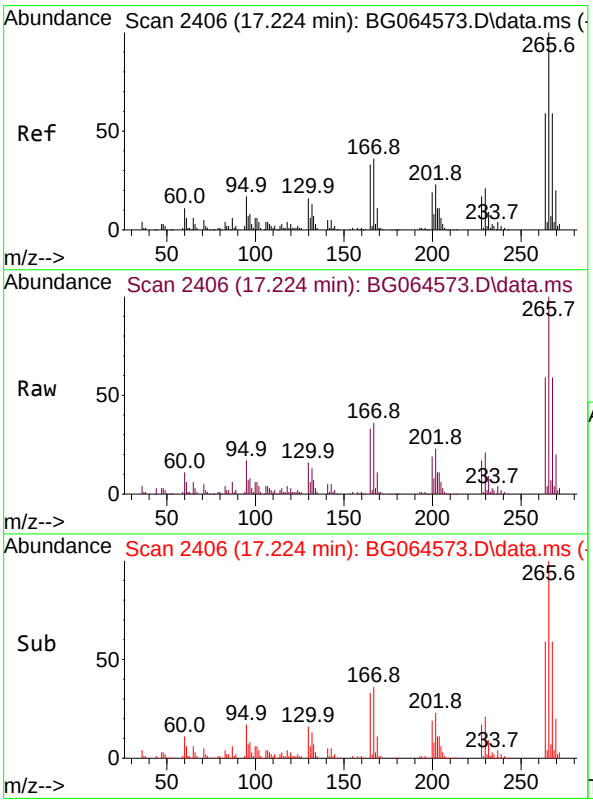
Ion	Ratio	Lower	Upper
200	100		
173	20.9	0.9	40.9
215	47.0	27.0	67.0



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

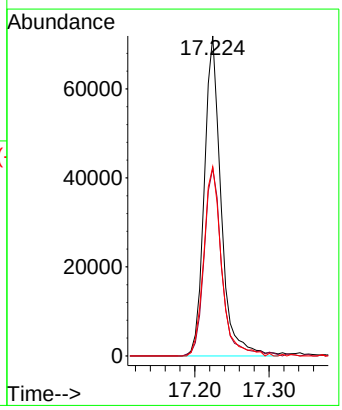
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

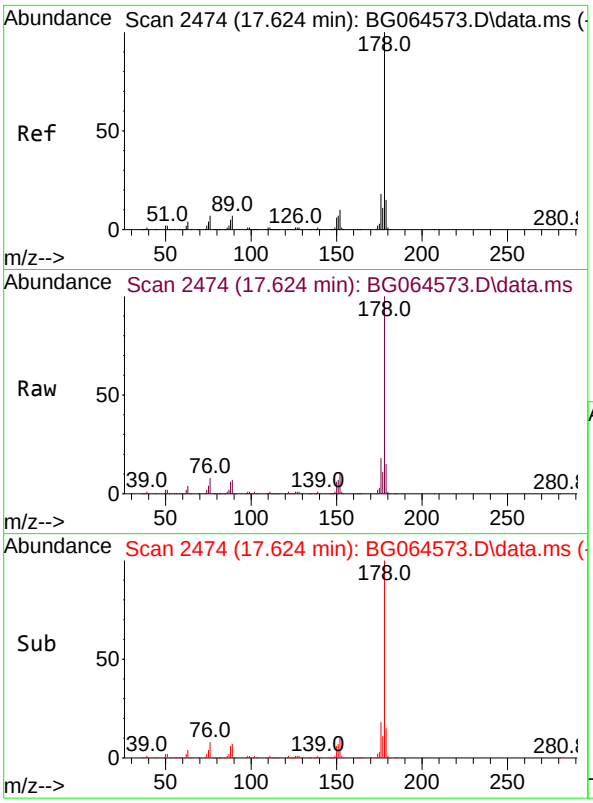


#70
Pentachlorophenol
Concen: 42.694 ng
RT: 17.224 min Scan# 2406
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:266 Resp: 112769

Ion	Ratio	Lower	Upper
266	100		
268	62.9	50.3	75.5
264	59.1	47.3	70.9

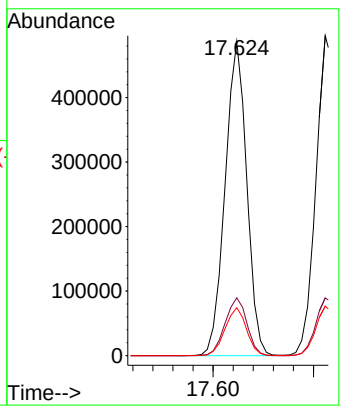




#71
Phenanthrene
Concen: 42.500 ng
RT: 17.624 min Scan# 24
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:178 Resp: 72818

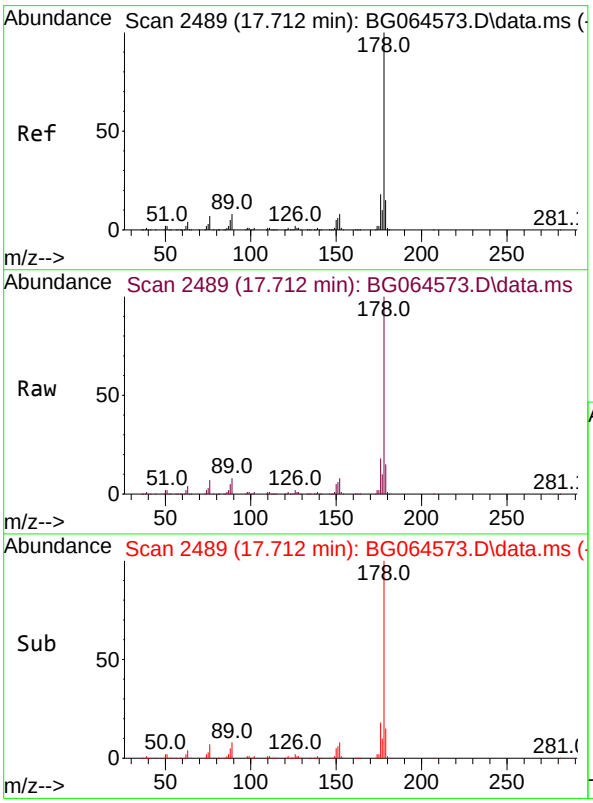
Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.7	22.1
179	15.3	12.2	18.4



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

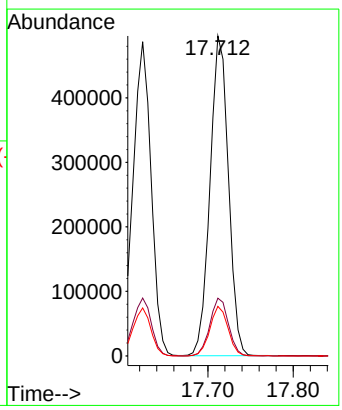
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

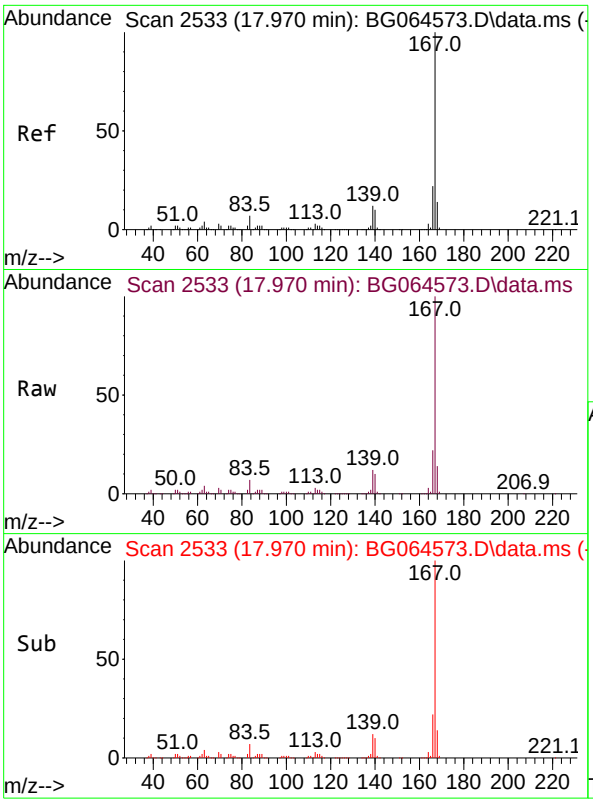


#72
Anthracene
Concen: 42.663 ng
RT: 17.712 min Scan# 2489
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:178 Resp: 743567

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.4	21.6
179	15.5	12.4	18.6

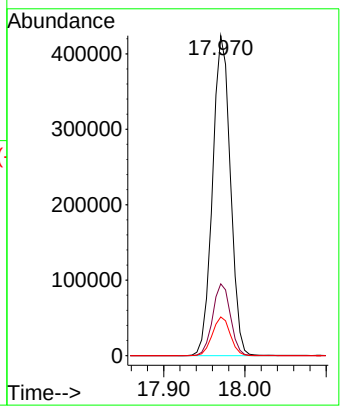




#73
Carbazole
Concen: 42.053 ng
RT: 17.970 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:167 Resp: 64631

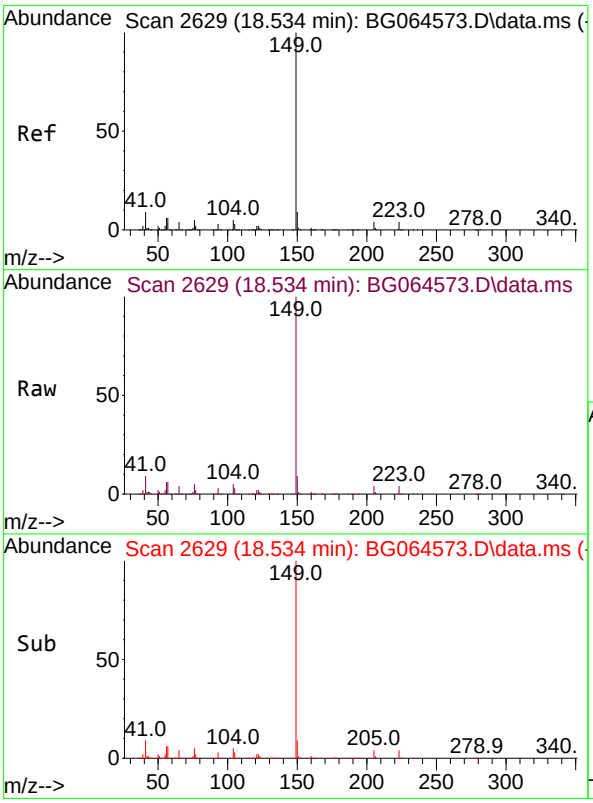
Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.9	26.9
139	12.1	9.7	14.5



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

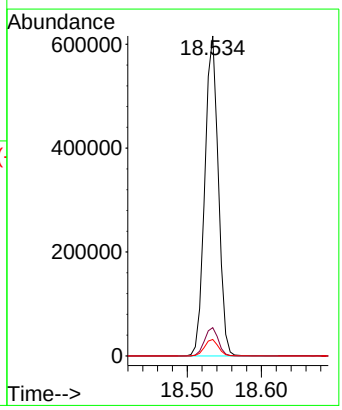
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

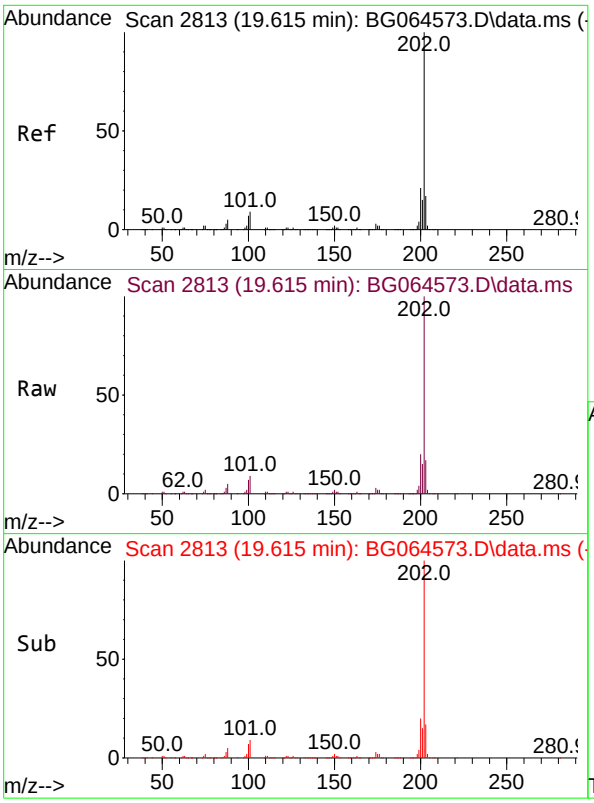


#74
Di-n-butylphthalate
Concen: 43.711 ng
RT: 18.534 min Scan# 2629
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:149 Resp: 776847

Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.0	10.6
104	5.1	4.1	6.1

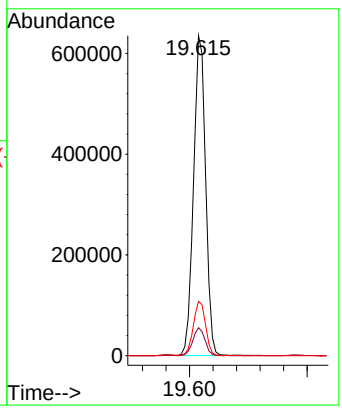




#75
Fluoranthene
Concen: 42.050 ng
RT: 19.615 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:202 Resp: 90255

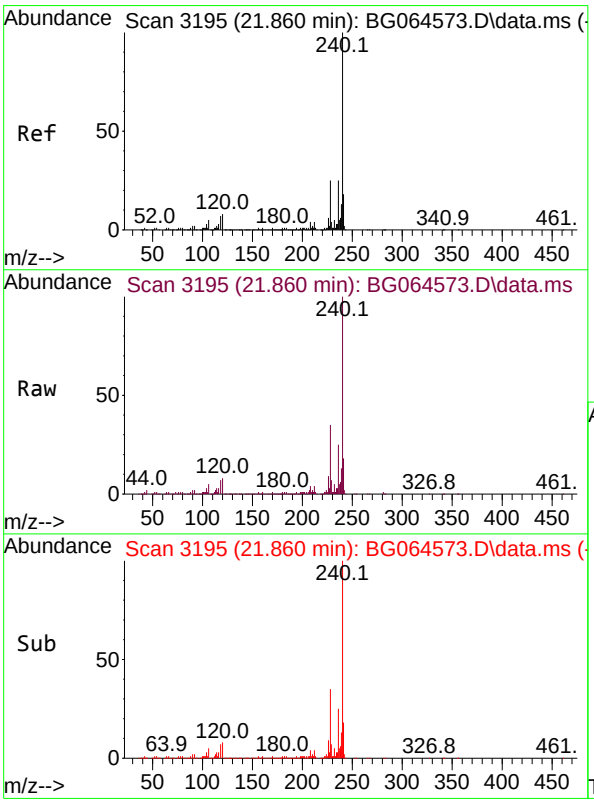
Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	28.7
203	17.0	0.0	37.0



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

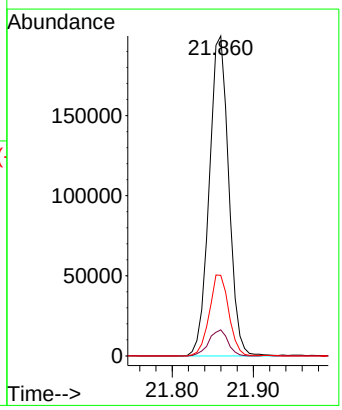
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

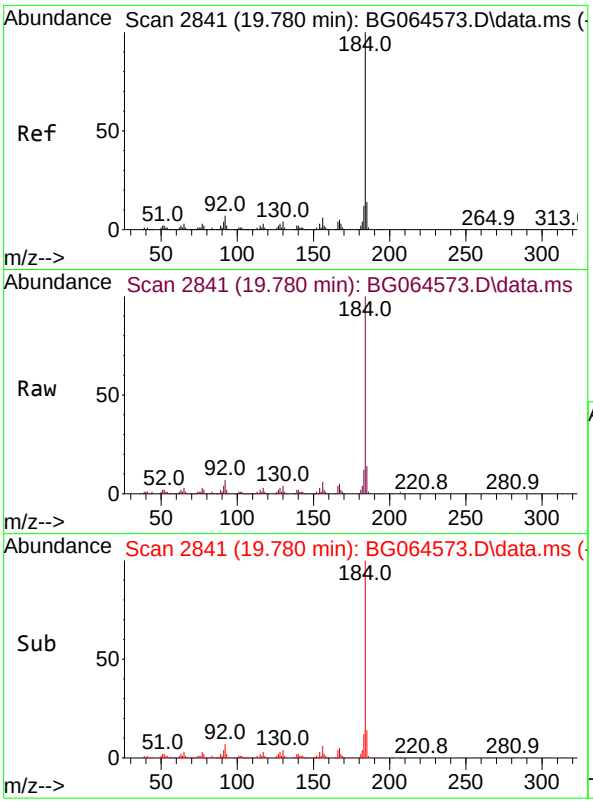


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.860 min Scan# 3195
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:240 Resp: 332834

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.5	9.7
236	25.2	20.2	30.2

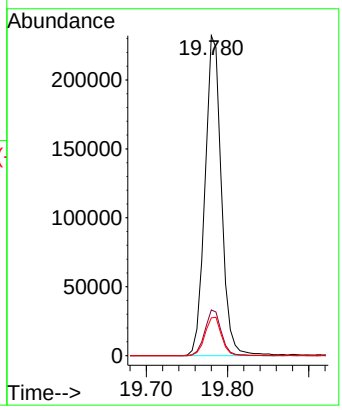




#77
Benzidine
Concen: 43.697 ng
RT: 19.780 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:184 Resp: 32584

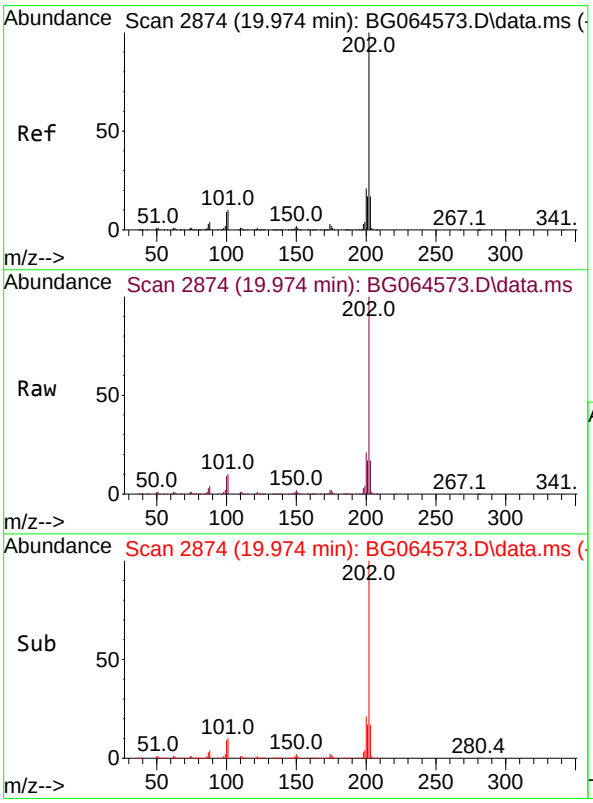
Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.4	17.2
183	11.8	9.4	14.2



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

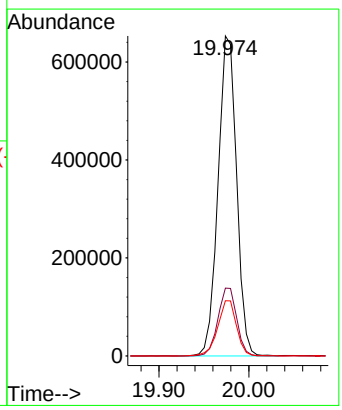
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

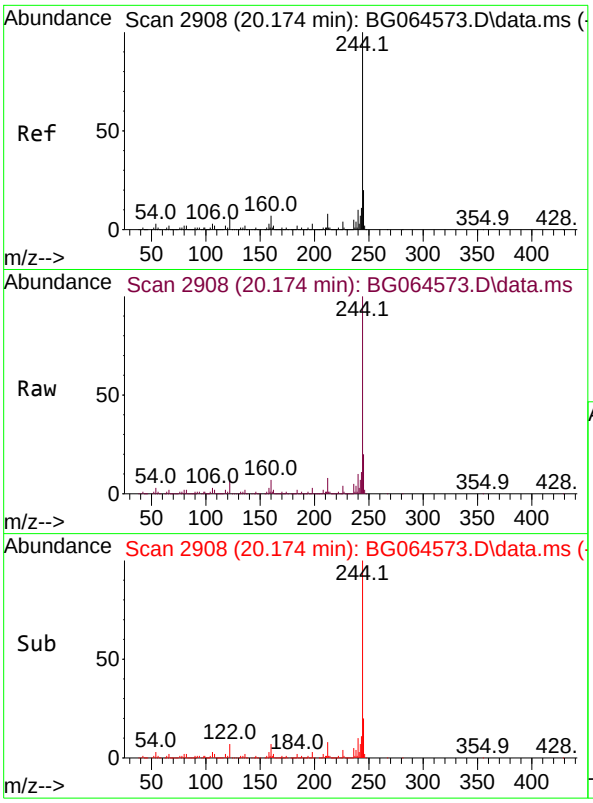


#78
Pyrene
Concen: 43.186 ng
RT: 19.974 min Scan# 2874
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:202 Resp: 939110

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	17.2	13.8	20.6

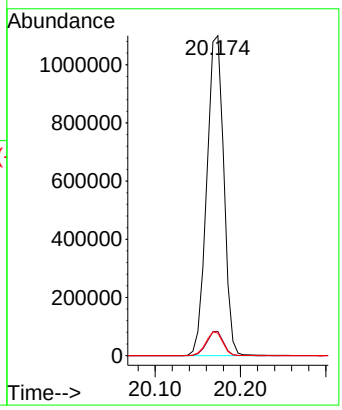




#79
Terphenyl-d14
Concen: 86.242 ng
RT: 20.174 min Scan# 29
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:244 Resp: 152102

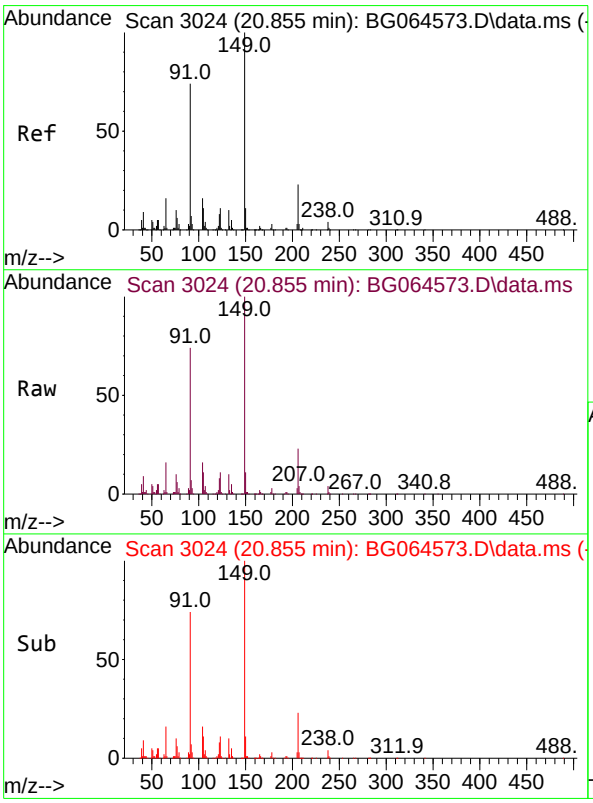
Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	7.0	5.6	8.4



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

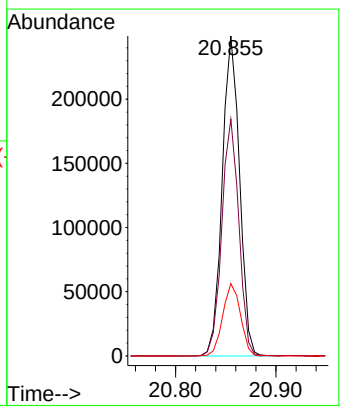
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

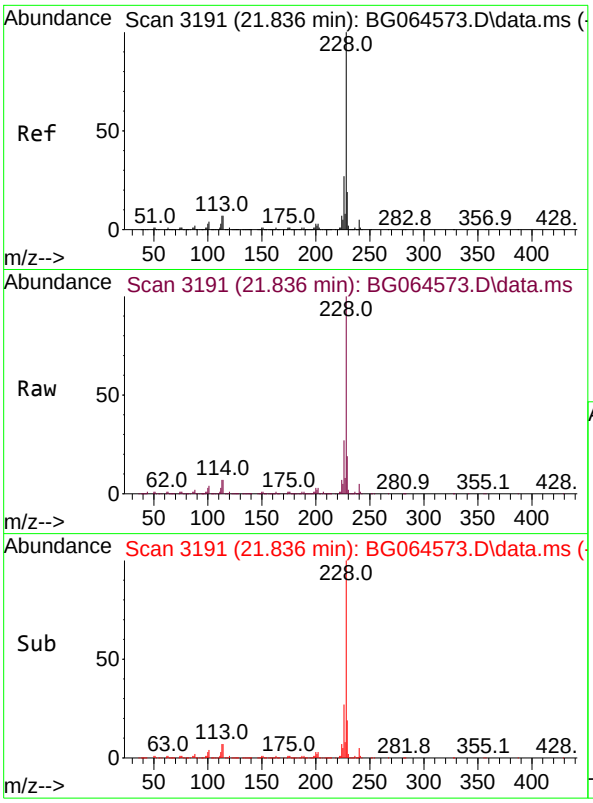


#80
Butylbenzylphthalate
Concen: 45.601 ng
RT: 20.855 min Scan# 3024
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:149 Resp: 299706

Ion	Ratio	Lower	Upper
149	100		
91	74.0	59.2	88.8
206	22.6	18.1	27.1

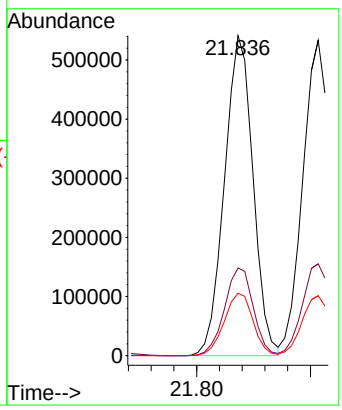




#81
Benzo(a)anthracene
Concen: 42.723 ng
RT: 21.836 min Scan# 3
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:228 Resp: 94283

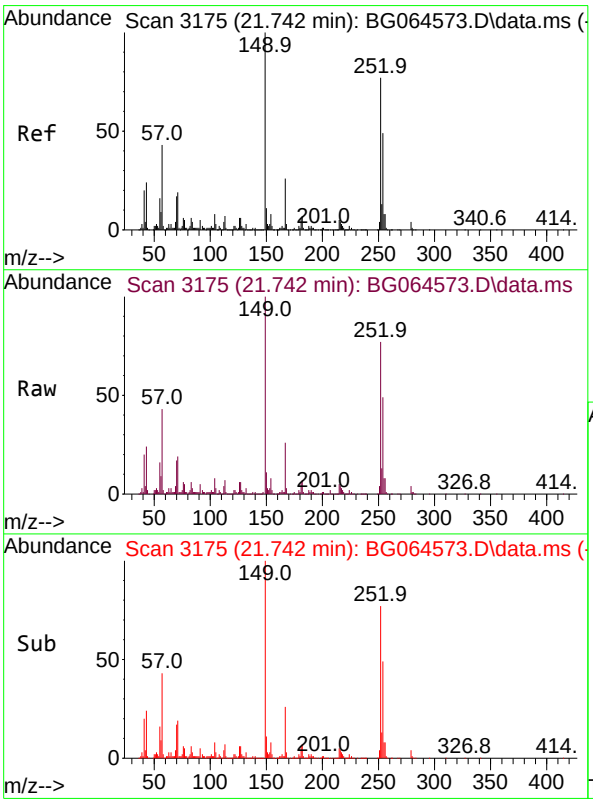
Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.9	32.9
229	19.5	15.6	23.4



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

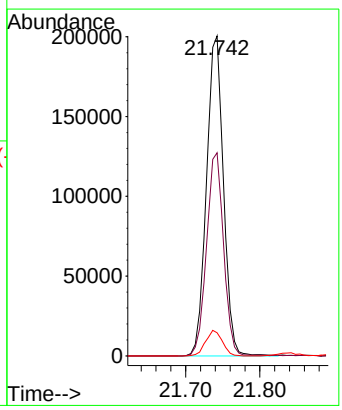
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

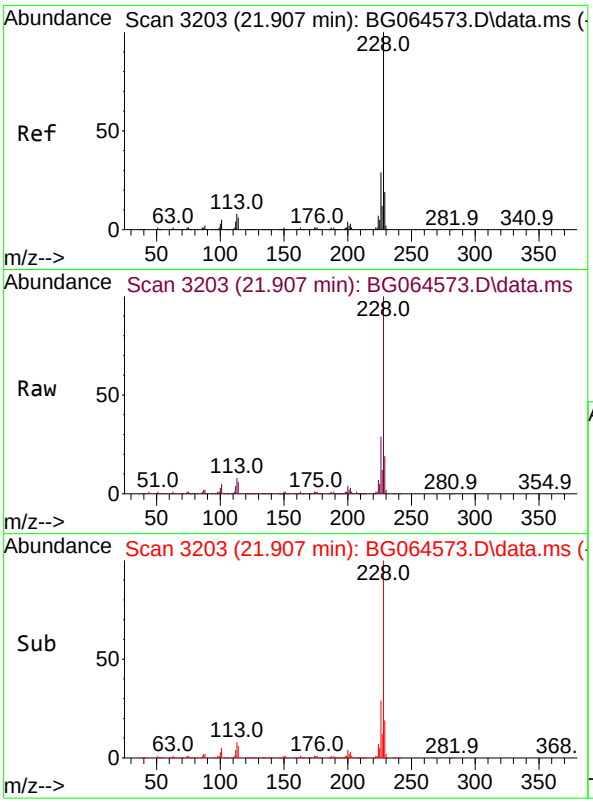


#82
3,3'-Dichlorobenzidine
Concen: 43.131 ng
RT: 21.742 min Scan# 3175
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:252 Resp: 317851

Ion	Ratio	Lower	Upper
252	100		
254	63.5	50.8	76.2
126	7.2	5.8	8.6

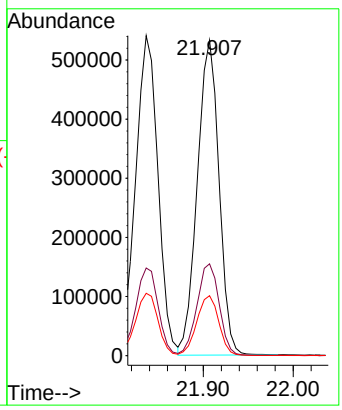




#83
Chrysene
Concen: 42.613 ng
RT: 21.907 min Scan# 3
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:228 Resp: 89481

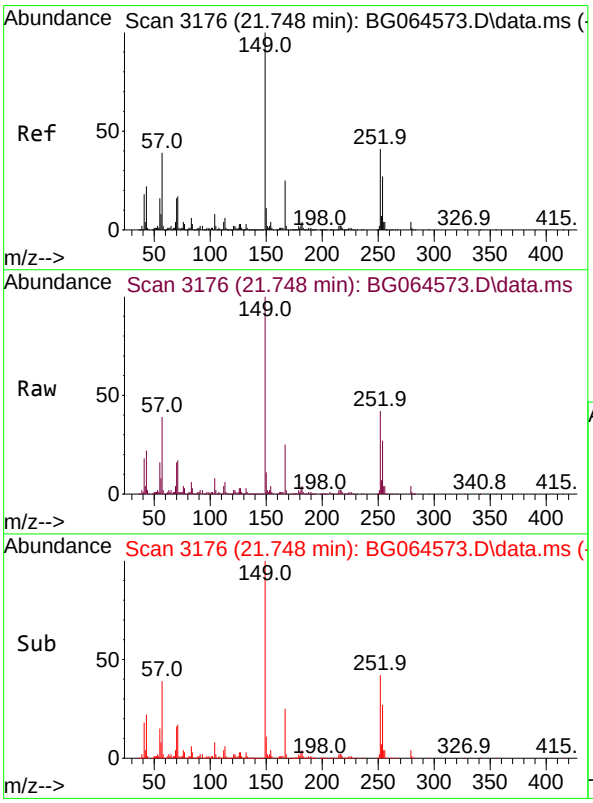
Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.3	34.9
229	19.0	15.2	22.8



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

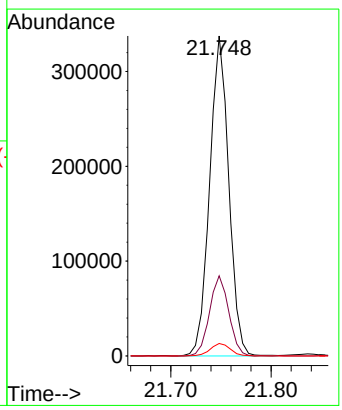
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

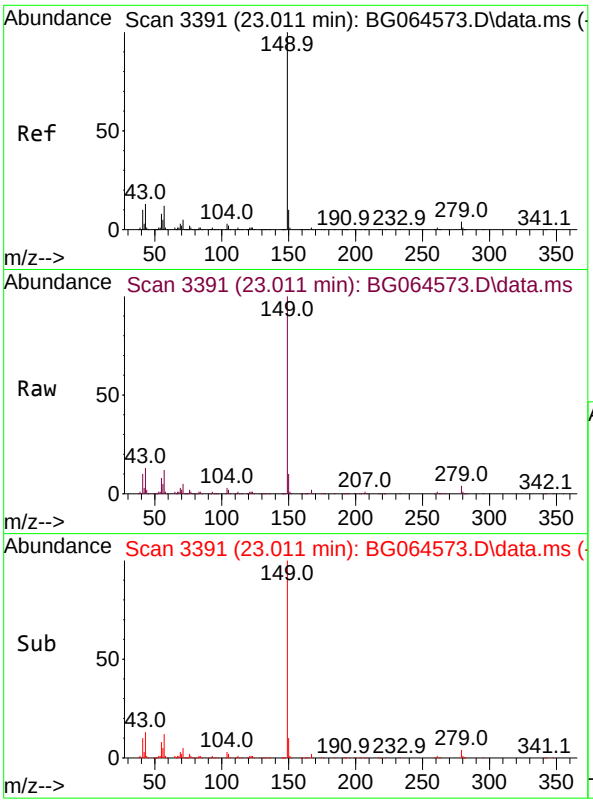


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.494 ng
RT: 21.748 min Scan# 3176
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:149 Resp: 446785

Ion	Ratio	Lower	Upper
149	100		
167	25.0	20.0	30.0
279	3.9	3.1	4.7





#85
Di-n-octyl phthalate
Concen: 43.688 ng
RT: 23.011 min Scan# 3
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

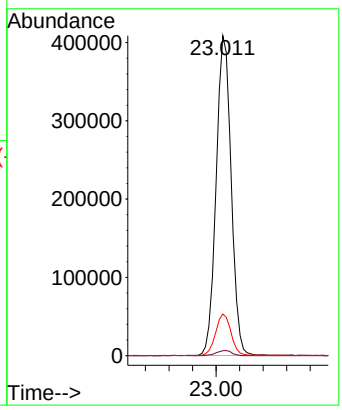
Tgt Ion:149 Resp: 72336

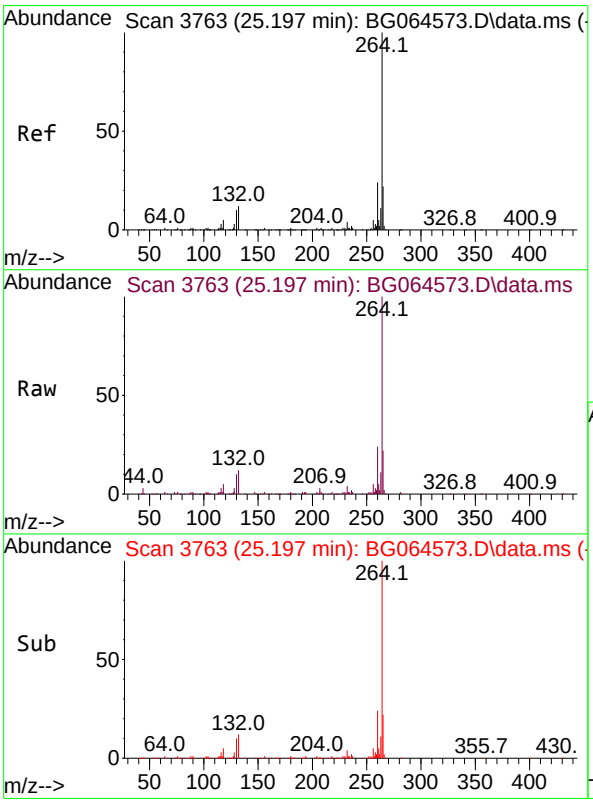
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	13.5	10.8	16.2

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

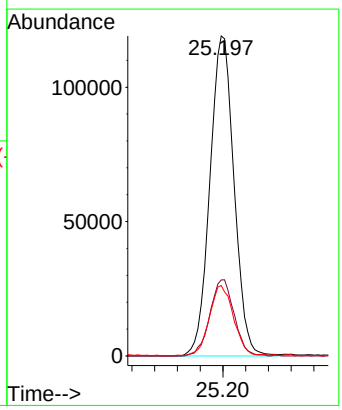


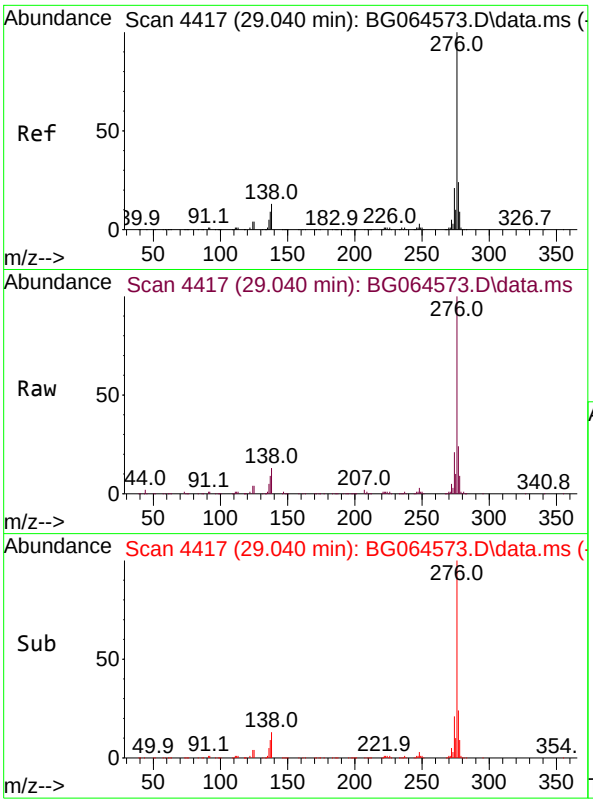


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.197 min Scan# 3763
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:264 Resp: 350897

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.4
265	22.0	17.6	26.4

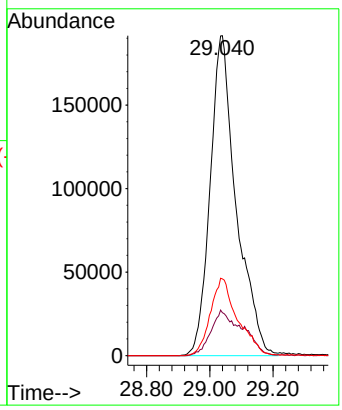




#87
Indeno(1,2,3-cd)pyrene
Concen: 42.624 ng
RT: 29.040 min Scan# 44
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:276 Resp: 1100259

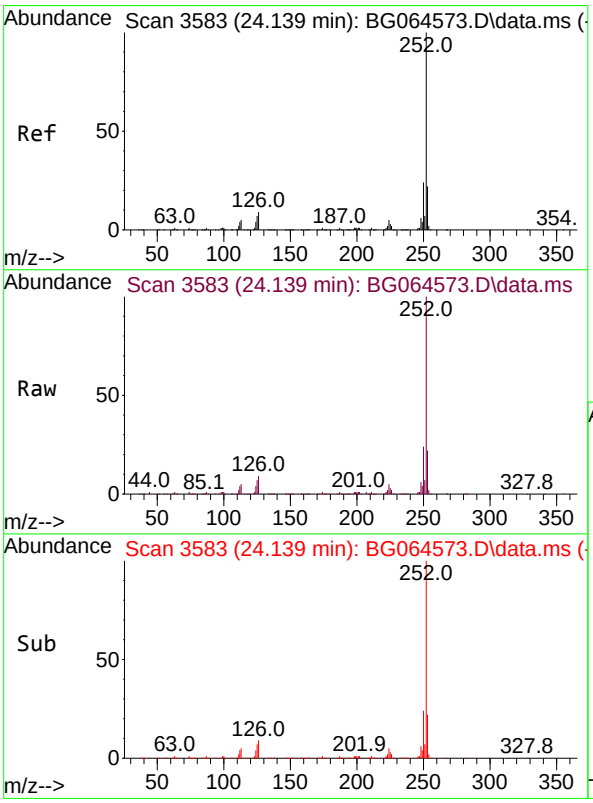
Ion	Ratio	Lower	Upper
276	100		
138	13.5	10.8	16.2
277	25.1	20.1	30.1



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

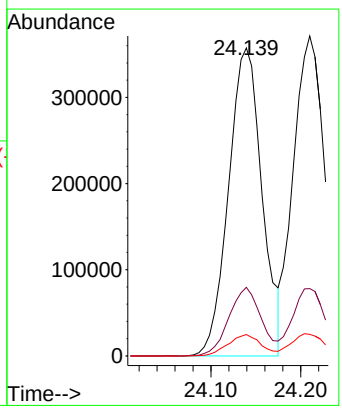
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

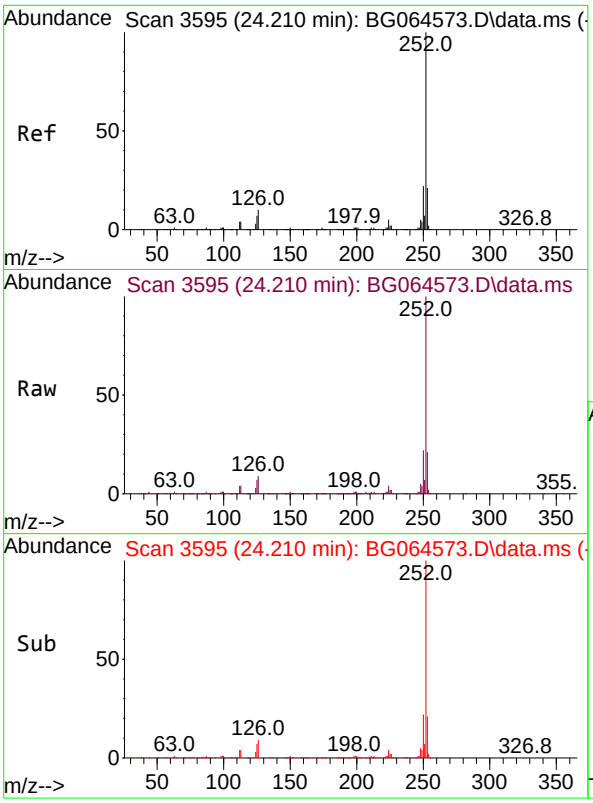


#88
Benzo(b)fluoranthene
Concen: 43.108 ng
RT: 24.139 min Scan# 3583
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:252 Resp: 927550

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	7.0	5.6	8.4

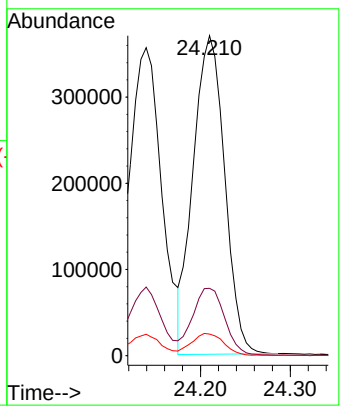




#89
Benzo(k)fluoranthene
Concen: 41.878 ng
RT: 24.210 min Scan# 3
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:252 Resp: 90170

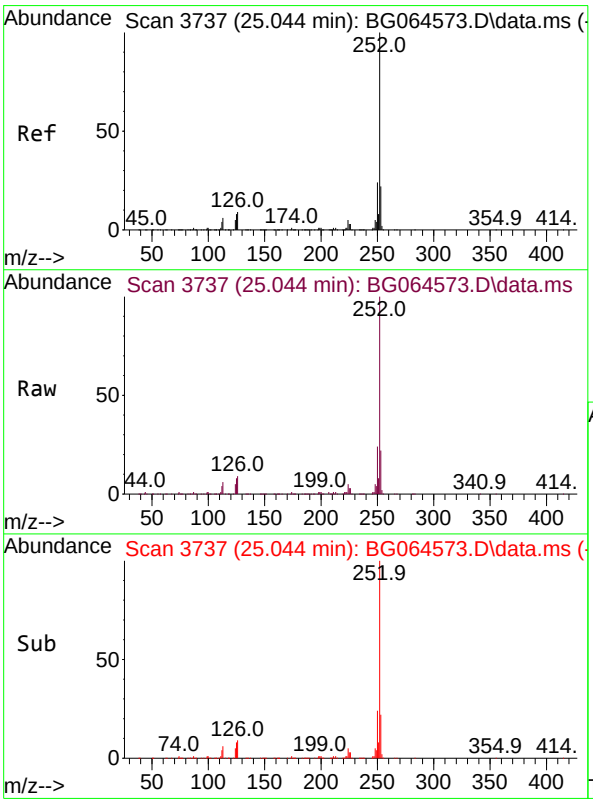
Ion	Ratio	Lower	Upper
252	100		
253	21.0	16.8	25.2
125	6.7	5.4	8.0



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

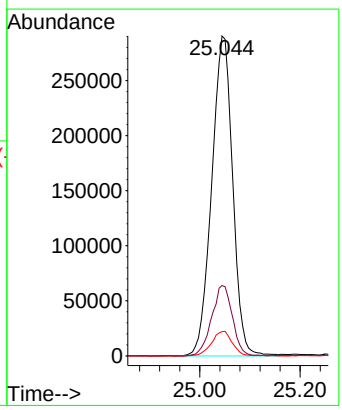
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

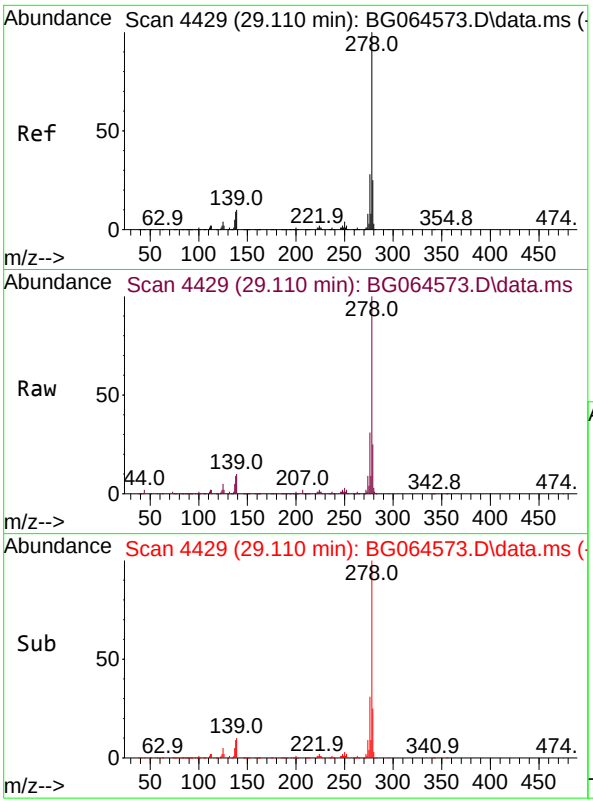


#90
Benzo(a)pyrene
Concen: 42.635 ng
RT: 25.044 min Scan# 3737
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:252 Resp: 843258

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	7.6	6.1	9.1

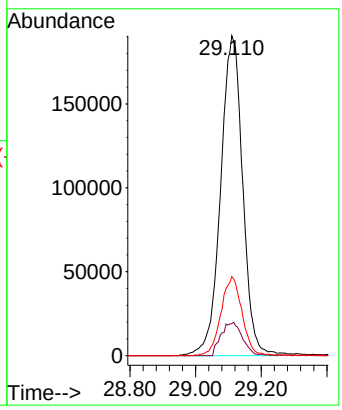




#91
Dibenzo(a,h)anthracene
Concen: 42.430 ng
RT: 29.110 min Scan# 44
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:278 Resp: 889808

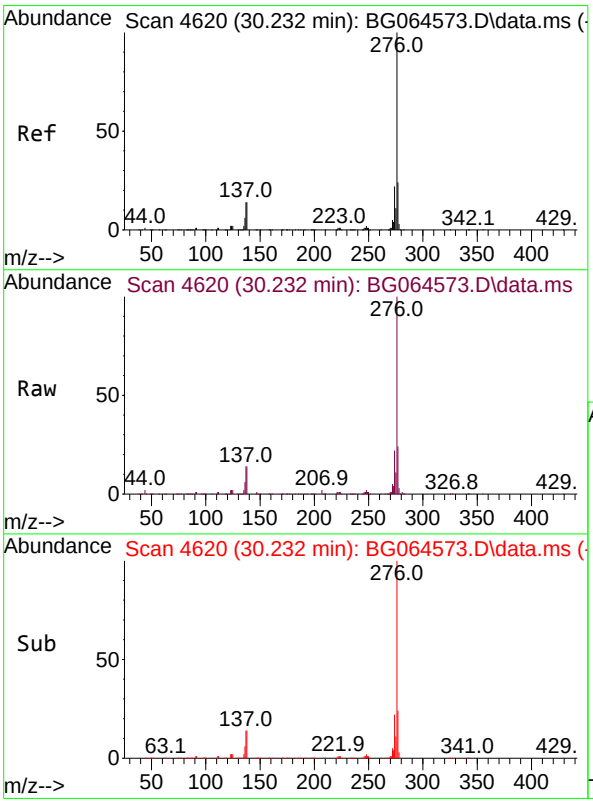
Ion	Ratio	Lower	Upper
278	100		
139	10.0	8.0	12.0
279	24.7	19.8	29.6



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

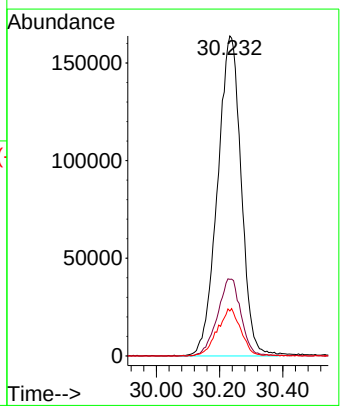
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#92
Benzo(g,h,i)perylene
Concen: 42.492 ng
RT: 30.232 min Scan# 4620
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:276 Resp: 851248

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	14.1	11.3	16.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064574.D
Acq On : 24 Oct 2025 13:44
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

Quant Time: Nov 03 18:01:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 17:56:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.219	152	40271	20.000	ng		0.00
21) Naphthalene-d8	11.045	136	168005	20.000	ng		0.00
39) Acenaphthene-d10	14.841	164	134994	20.000	ng		0.00
64) Phenanthrene-d10	17.579	188	324385	20.000	ng		0.00
76) Chrysene-d12	21.856	240	340896	20.000	ng		0.00
86) Perylene-d12	25.205	264	350916	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.746	112	318446	132.728	ng		0.00
7) Phenol-d6	7.355	99	450449	136.821	ng		0.00
23) Nitrobenzene-d5	9.388	82	406268	145.243	ng		0.00
42) 2,4,6-Tribromophenol	16.321	330	280190	143.807	ng		0.00
45) 2-Fluorobiphenyl	13.478	172	1120989	125.867	ng		0.00
79) Terphenyl-d14	20.176	244	2253704	124.763	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.589	88	67487	63.535	ng		98
3) Pyridine	4.001	79	209372	65.637	ng		98
4) n-Nitrosodimethylamine	3.907	42	111310	65.071	ng		94
6) Aniline	7.532	93	294791	65.803	ng		98
8) 2-Chlorophenol	7.779	128	176533	70.297	ng		98
9) Benzaldehyde	7.344	77	118559	65.963	ng		98
10) Phenol	7.379	94	244914	67.267	ng		98
11) bis(2-Chloroethyl)ether	7.626	93	174337	65.126	ng		100
12) 1,3-Dichlorobenzene	8.113	146	186290	64.452	ng		99
13) 1,4-Dichlorobenzene	8.254	146	188553	64.156	ng		95
14) 1,2-Dichlorobenzene	8.583	146	183593	64.766	ng		98
15) Benzyl Alcohol	8.448	79	185157	68.201	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.742	45	459295	65.410	ng		100
17) 2-Methylphenol	8.648	107	162536	67.237	ng		98
18) Hexachloroethane	9.324	117	67237	65.193	ng		99
19) n-Nitroso-di-n-propyla...	9.030	70	155683	68.424	ng		99
20) 3+4-Methylphenols	8.983	107	228995	67.359	ng		98
22) Acetophenone	9.048	105	297413	64.759	ng	#	96
24) Nitrobenzene	9.430	77	220774	72.567	ng		98
25) Isophorone	9.958	82	449298	66.940	ng		99
26) 2-Nitrophenol	10.146	139	76368	63.945	ng		98
27) 2,4-Dimethylphenol	10.193	122	173061	69.317	ng		97
28) bis(2-Chloroethoxy)met...	10.440	93	248699	65.078	ng		99
29) 2,4-Dichlorophenol	10.681	162	188233	70.056	ng		96
30) 1,2,4-Trichlorobenzene	10.904	180	200988	65.837	ng		95
31) Naphthalene	11.098	128	605239	64.976	ng		99
32) Benzoic acid	10.340	122	130898m	65.612	ng		
33) 4-Chloroaniline	11.192	127	245101	67.699	ng		98
34) Hexachlorobutadiene	11.392	225	154303	64.630	ng		97
35) Caprolactam	11.968	113	71319	69.206	ng		96
36) 4-Chloro-3-methylphenol	12.297	107	228833	70.853	ng		100
37) 2-Methylnaphthalene	12.690	142	447497	65.435	ng		98
38) 1-Methylnaphthalene	12.908	142	442677	65.402	ng		99
40) 1,2,4,5-Tetrachloroben...	13.055	216	290173	64.049	ng		100
41) Hexachlorocyclopentadiene	13.037	237	137727	67.540	ng		99
43) 2,4,6-Trichlorophenol	13.278	196	184771	71.299	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064574.D
Acq On : 24 Oct 2025 13:44
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 03 18:01:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 17:56:56 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.354	196	209320	69.994	ng		96
46)	1,1'-Biphenyl	13.683	154	606860	63.233	ng		98
47)	2-Chloronaphthalene	13.730	162	463792	64.022	ng		98
48)	2-Nitroaniline	13.913	65	163796	66.052	ng		95
49)	Acenaphthylene	14.571	152	739728	64.738	ng		100
50)	Dimethylphthalate	14.289	163	688128	66.616	ng		99
51)	2,6-Dinitrotoluene	14.400	165	114588	65.951	ng		95
52)	Acenaphthene	14.911	154	510499	65.392	ng		98
53)	3-Nitroaniline	14.729	138	131776	74.231	ng		91
54)	2,4-Dinitrophenol	14.929	184	66900	65.082	ng	#	75
55)	Dibenzofuran	15.240	168	804964	63.779	ng		97
56)	4-Nitrophenol	15.017	139	114408	69.512	ng		97
57)	2,4-Dinitrotoluene	15.187	165	175802	65.522	ng	#	100
58)	Fluorene	15.887	166	627437	63.656	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.458	232	205529	71.870	ng		99
60)	Diethylphthalate	15.652	149	695924	65.982	ng		99
61)	4-Chlorophenyl-phenyle...	15.875	204	359759	65.038	ng		99
62)	4-Nitroaniline	15.893	138	143839	72.832	ng		98
63)	Azobenzene	16.169	77	633520	65.464	ng		99
65)	4,6-Dinitro-2-methylph...	15.945	198	94338	64.046	ng		93
66)	n-Nitrosodiphenylamine	16.086	169	577835	65.944	ng		99
67)	4-Bromophenyl-phenylether	16.768	248	256556	66.740	ng		100
68)	Hexachlorobenzene	16.891	284	293831	67.001	ng		96
69)	Atrazine	17.026	200	254070	67.378	ng		97
70)	Pentachlorophenol	17.226	266	193954	70.923	ng		91
71)	Phenanthrene	17.626	178	1147317	64.676	ng		99
72)	Anthracene	17.714	178	1171223	64.905	ng		99
73)	Carbazole	17.972	167	1000680	62.887	ng		99
74)	Di-n-butylphthalate	18.536	149	1165396	63.334	ng		99
75)	Fluoranthene	19.618	202	1364891	61.419	ng		98
77)	Benzidine	19.782	184	544918	71.348	ng		99
78)	Pyrene	19.976	202	1437669	64.549	ng		99
80)	Butylbenzylphthalate	20.857	149	477358	70.914	ng		98
81)	Benzo(a)anthracene	21.839	228	1462488	64.702	ng		99
82)	3,3'-Dichlorobenzidine	21.739	252	497174	65.868	ng		99
83)	Chrysene	21.909	228	1389821	64.621	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.750	149	681649	67.768	ng		98
85)	Di-n-octyl phthalate	23.014	149	1142651	67.379	ng		100
87)	Indeno(1,2,3-cd)pyrene	29.048	276	1729035	66.979	ng		98
88)	Benzo(b)fluoranthene	24.142	252	1424640	66.207	ng		99
89)	Benzo(k)fluoranthene	24.218	252	1436312	66.703	ng		99
90)	Benzo(a)pyrene	25.052	252	1311701	66.315	ng		100
91)	Dibenzo(a,h)anthracene	29.124	278	1394234	66.479	ng		99
92)	Benzo(g,h,i)perylene	30.246	276	1347382	67.253	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

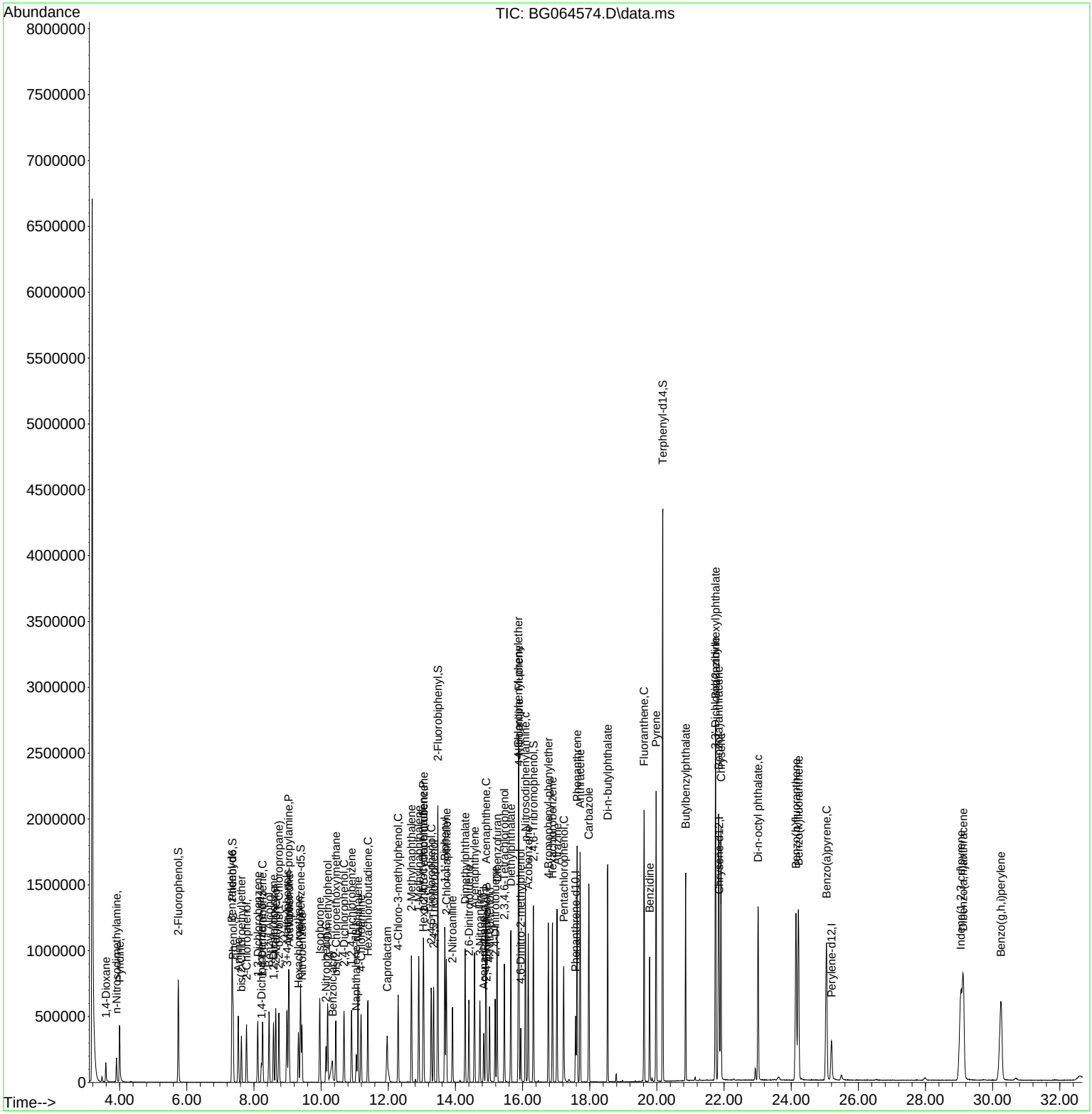
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Data File : BG064574.D
Acq On : 24 Oct 2025 13:44
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

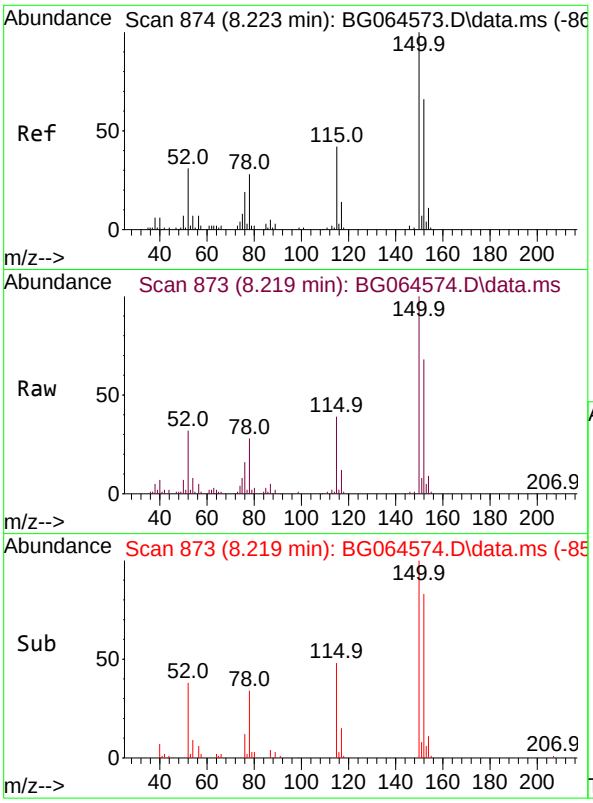
Quant Time: Nov 03 18:01:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 17:56:56 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

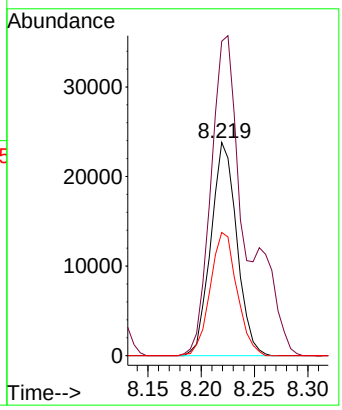




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.219 min Scan# 8
Delta R.T. -0.004 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:152 Resp: 4027

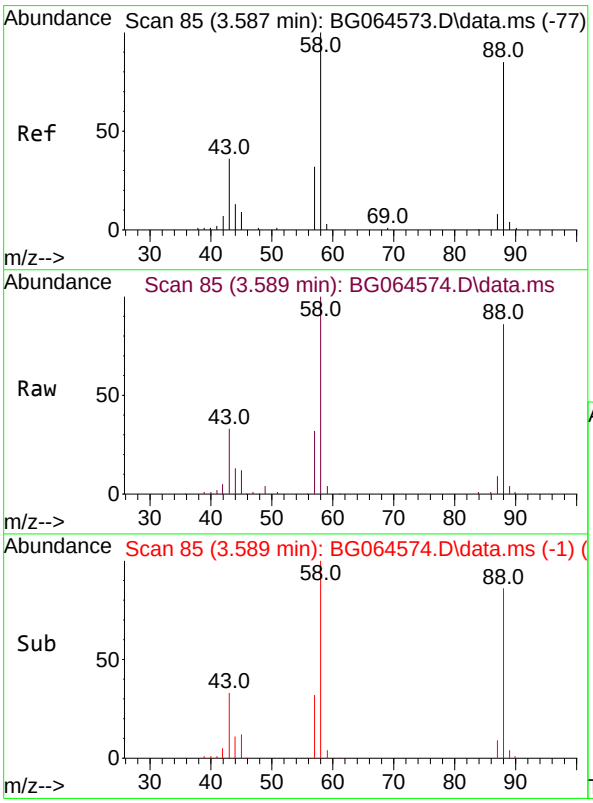
Ion	Ratio	Lower	Upper
152	100		
150	147.4	122.2	183.4
115	57.8	50.8	76.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

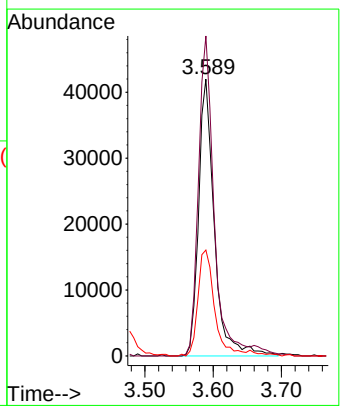
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

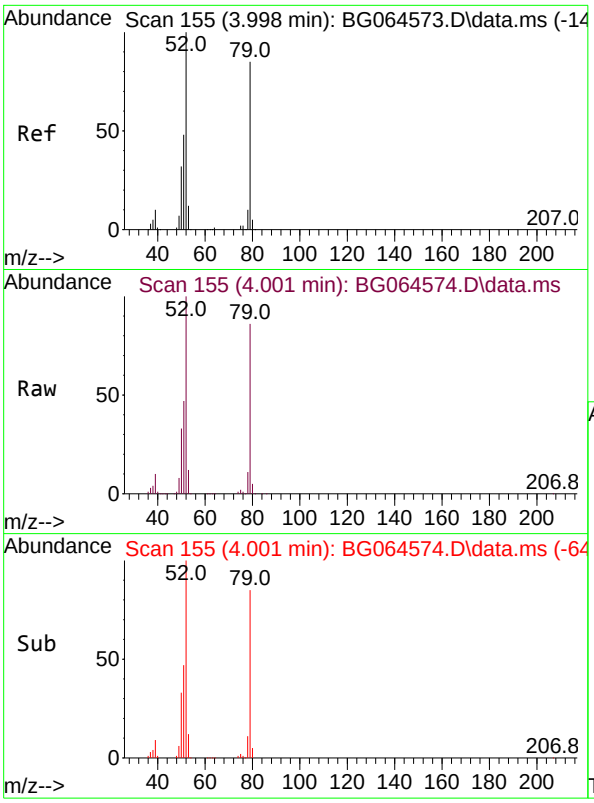


#2
1,4-Dioxane
Concen: 63.535 ng
RT: 3.589 min Scan# 85
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion: 88 Resp: 67487

Ion	Ratio	Lower	Upper
88	100		
58	113.3	92.4	138.6
43	40.0	33.0	49.6

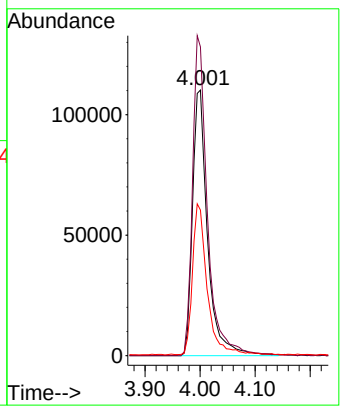




#3
Pyridine
Concen: 65.637 ng
RT: 4.001 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion: 79 Resp: 20937

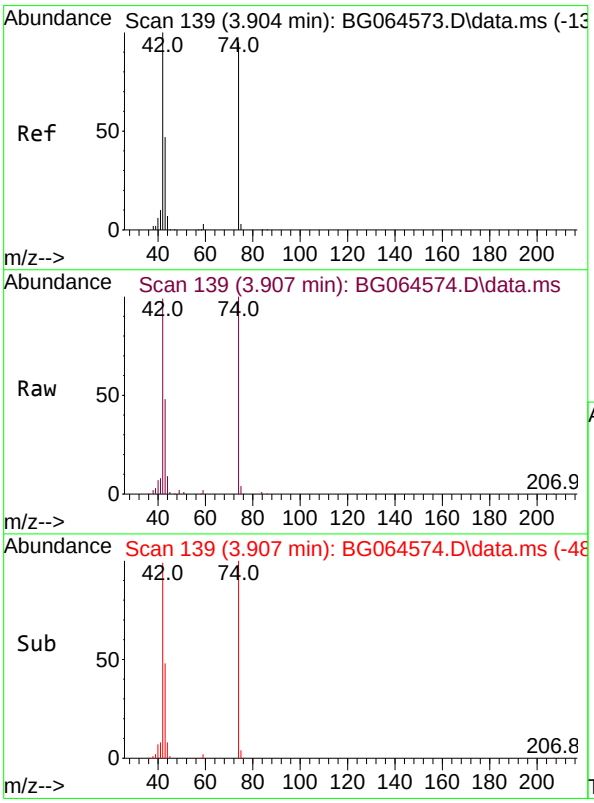
Ion	Ratio	Lower	Upper
79	100		
52	116.3	94.2	141.2
51	54.8	46.1	69.1



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

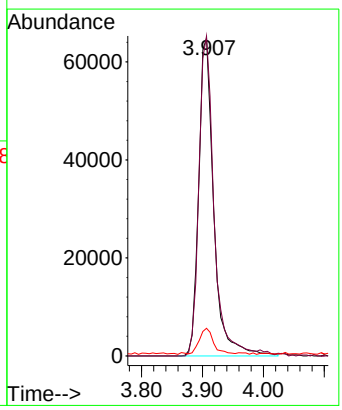
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

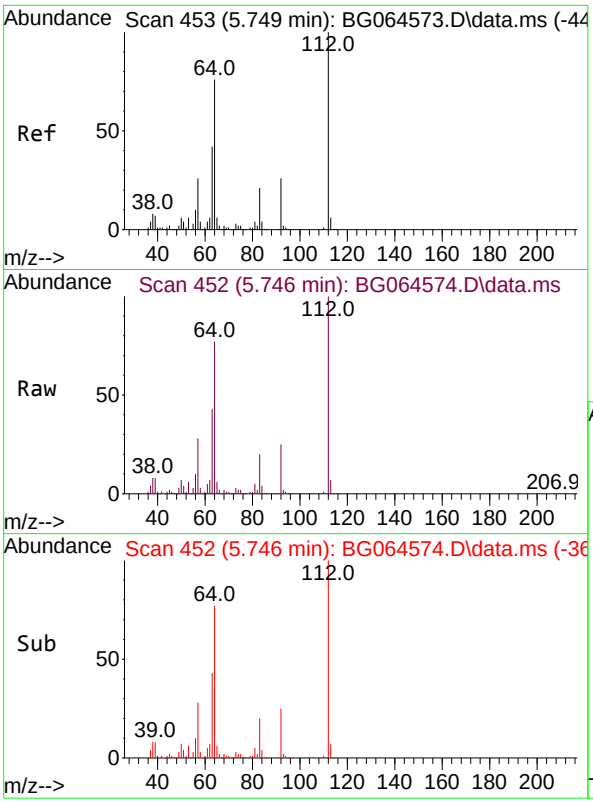


#4
n-Nitrosodimethylamine
Concen: 65.071 ng
RT: 3.907 min Scan# 139
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion: 42 Resp: 111310

Ion	Ratio	Lower	Upper
42	100		
74	100.7	76.1	114.1
44	8.7	6.3	9.5





#5
2-Fluorophenol
Concen: 132.728 ng
RT: 5.746 min Scan# 4
Delta R.T. -0.004 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

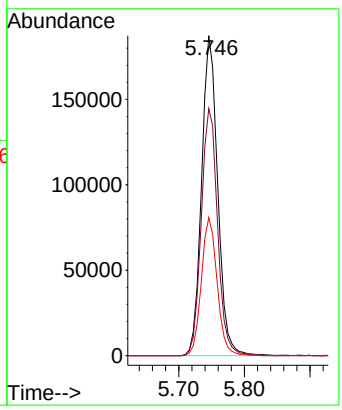
Tgt Ion:112 Resp: 31844

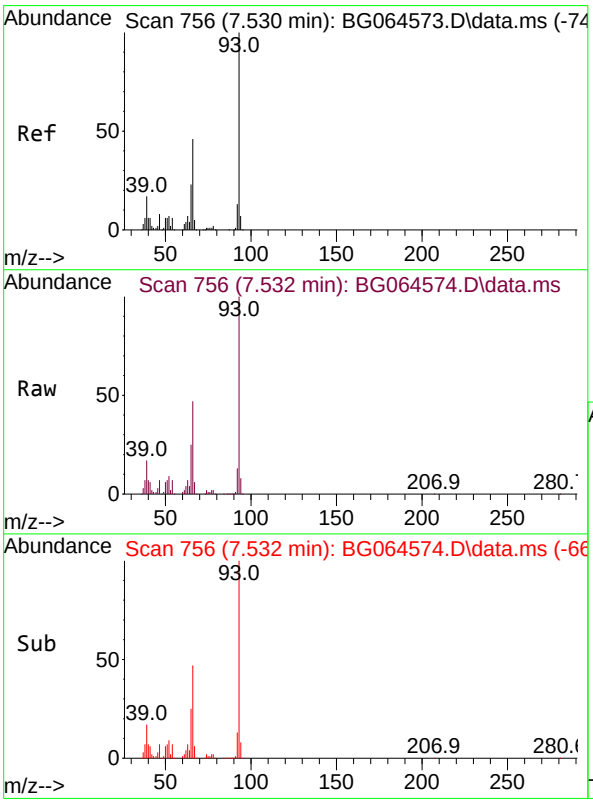
Ion	Ratio	Lower	Upper
112	100		
64	77.2	60.7	91.1
63	43.1	33.4	50.0

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

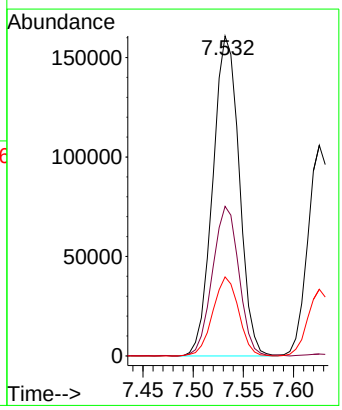


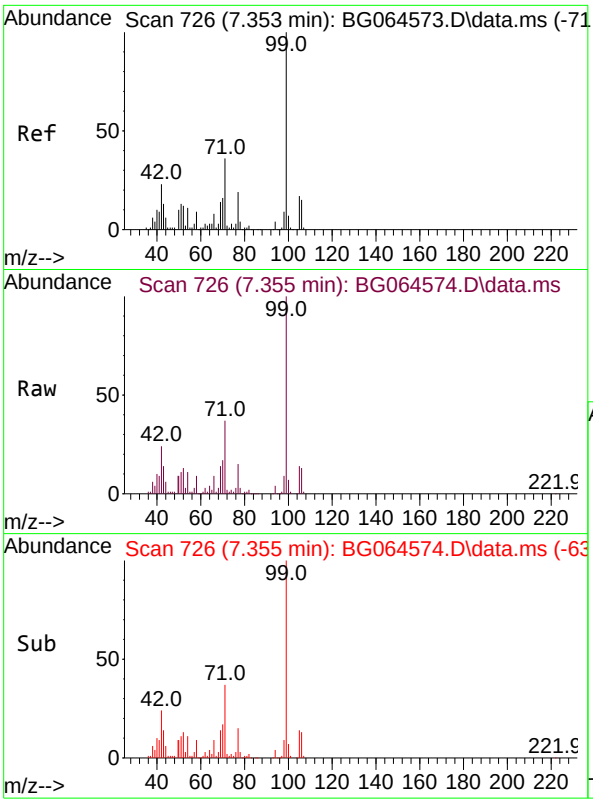


#6
Aniline
Concen: 65.803 ng
RT: 7.532 min Scan# 756
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion: 93 Resp: 294791

Ion	Ratio	Lower	Upper
93	100		
66	46.7	37.0	55.6
65	24.7	18.3	27.5

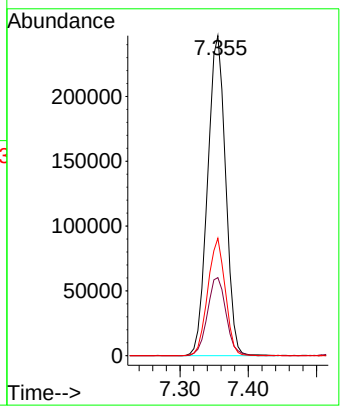




#7
Phenol-d6
Concen: 136.821 ng
RT: 7.355 min Scan# 7
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion: 99 Resp: 45044

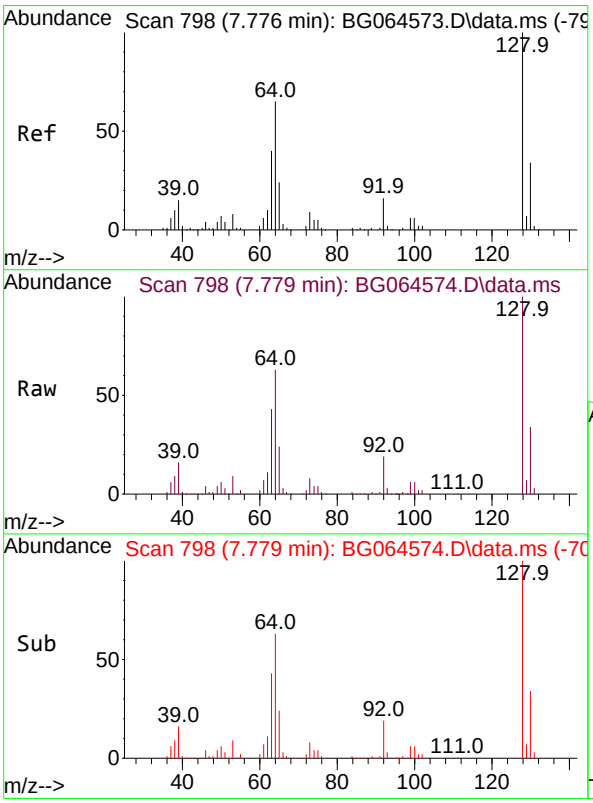
Ion	Ratio	Lower	Upper
99	100		
42	24.4	18.3	27.5
71	36.7	28.6	43.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

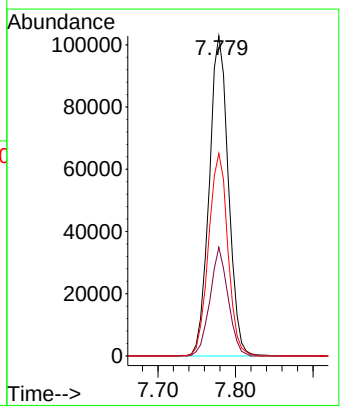
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

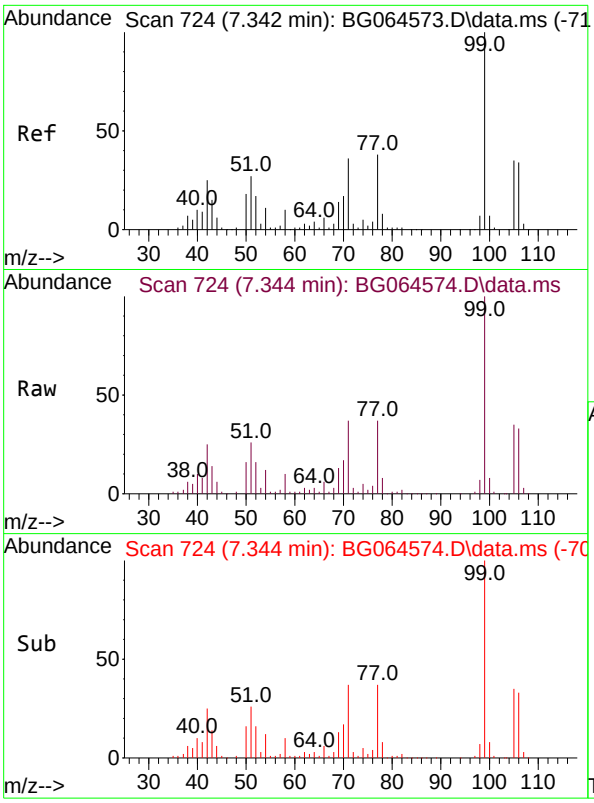


#8
2-Chlorophenol
Concen: 70.297 ng
RT: 7.779 min Scan# 798
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:128 Resp: 176533

Ion	Ratio	Lower	Upper
128	100		
130	33.9	13.5	53.5
64	63.3	45.2	85.2

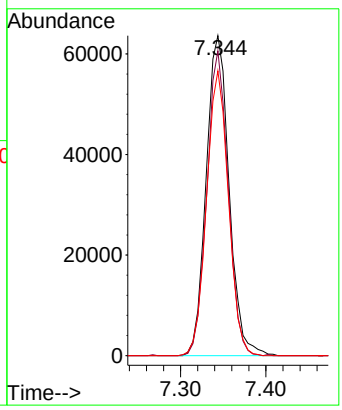




#9
Benzaldehyde
Concen: 65.963 ng
RT: 7.344 min Scan# 7
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion: 77 Resp: 11855

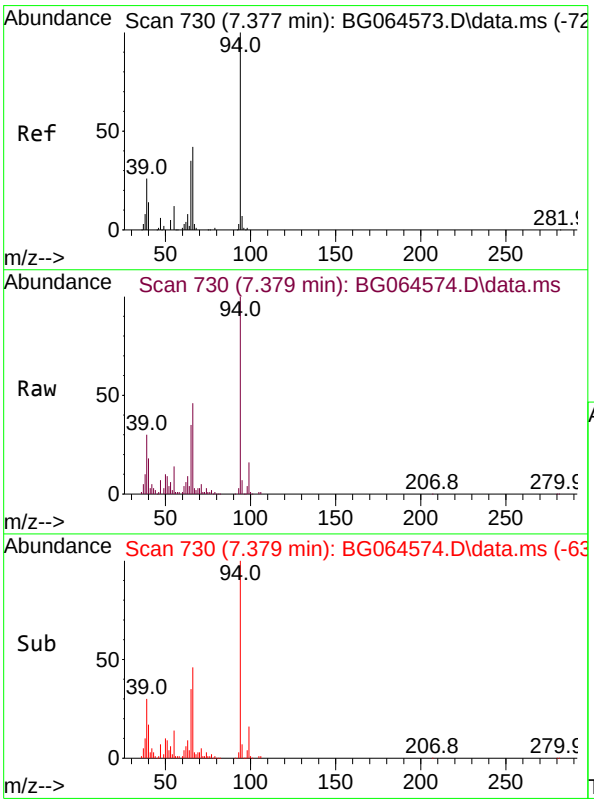
Ion	Ratio	Lower	Upper
77	100		
105	95.2	72.9	112.9
106	89.0	70.8	110.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

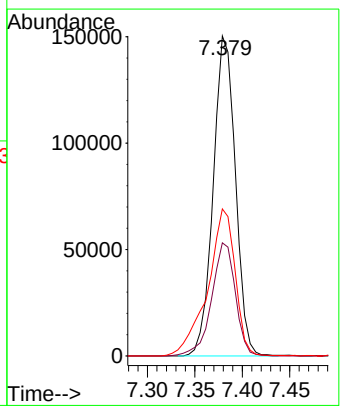
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

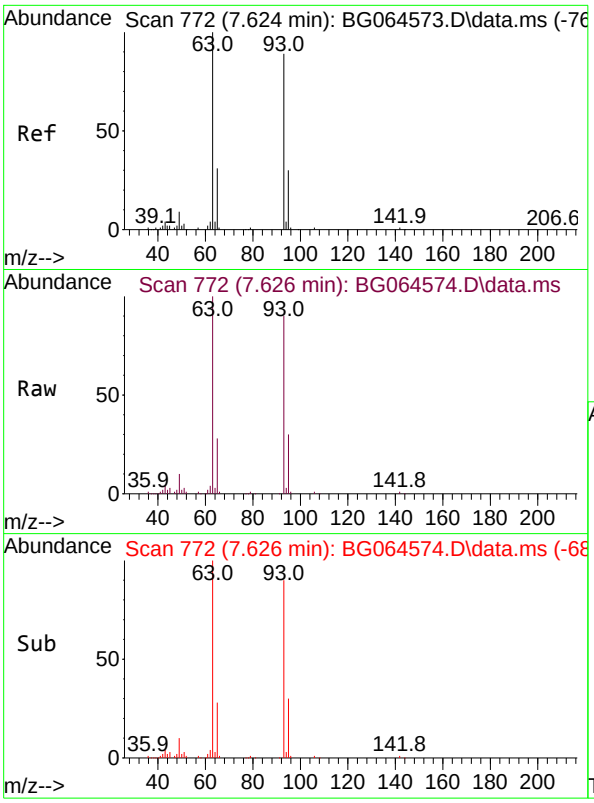


#10
Phenol
Concen: 67.267 ng
RT: 7.379 min Scan# 730
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion: 94 Resp: 244914

Ion	Ratio	Lower	Upper
94	100		
65	35.3	15.8	55.8
66	45.9	24.0	64.0

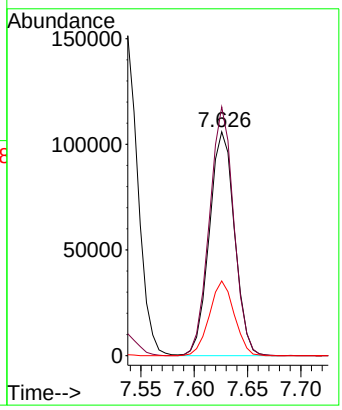




#11
bis(2-Chloroethyl)ether
Concen: 65.126 ng
RT: 7.626 min Scan# 7
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion: 93 Resp: 17433

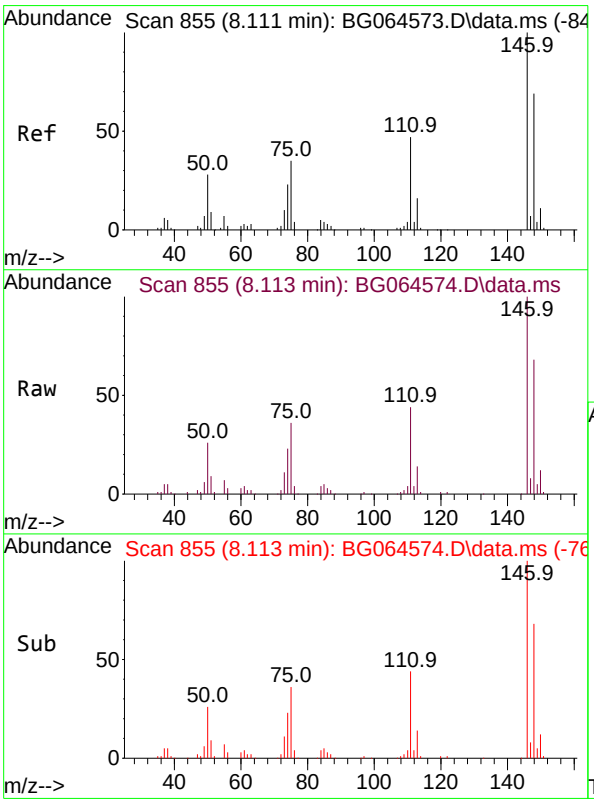
Ion	Ratio	Lower	Upper
93	100		
63	111.2	91.3	131.3
95	33.3	13.3	53.3



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
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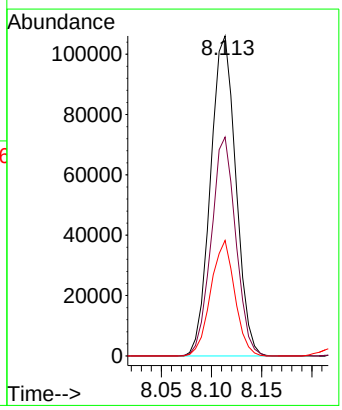
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

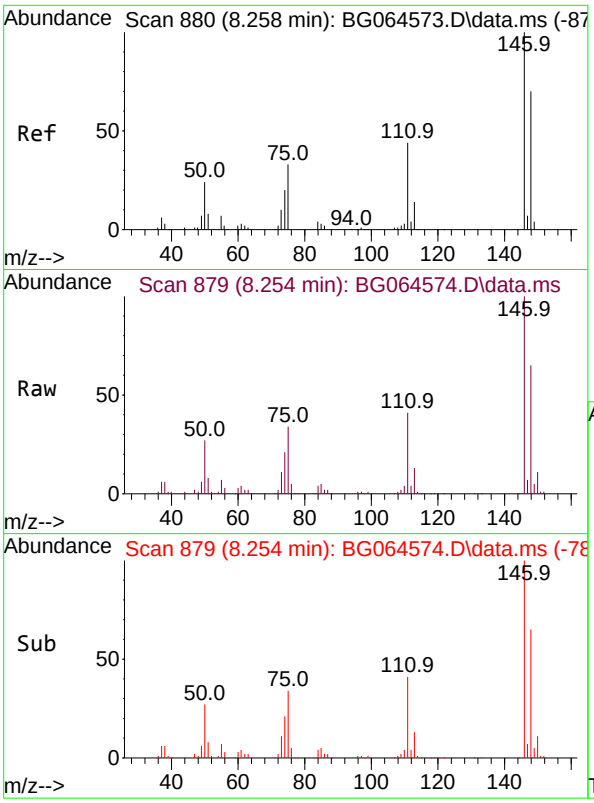


#12
1,3-Dichlorobenzene
Concen: 64.452 ng
RT: 8.113 min Scan# 855
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:146 Resp: 186290

Ion	Ratio	Lower	Upper
146	100		
148	68.4	55.3	82.9
75	36.1	28.2	42.2

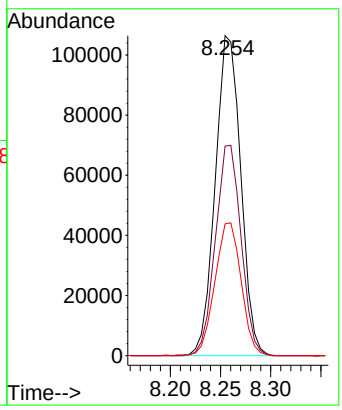




#13
1,4-Dichlorobenzene
Concen: 64.156 ng
RT: 8.254 min Scan# 8
Delta R.T. -0.004 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:146 Resp: 18855

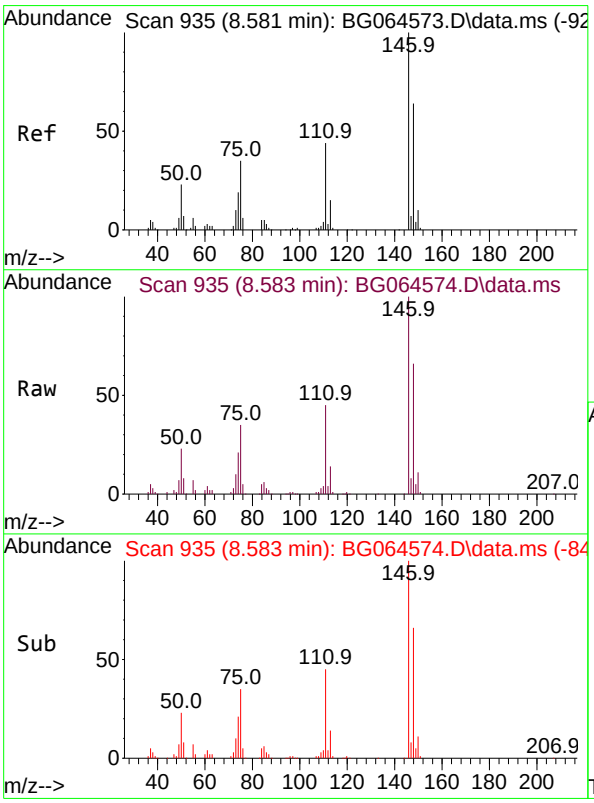
Ion	Ratio	Lower	Upper
146	100		
148	65.5	56.2	84.4
111	41.2	35.4	53.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

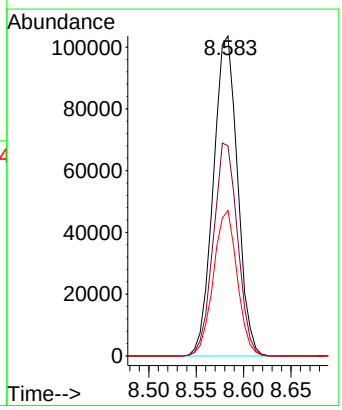
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

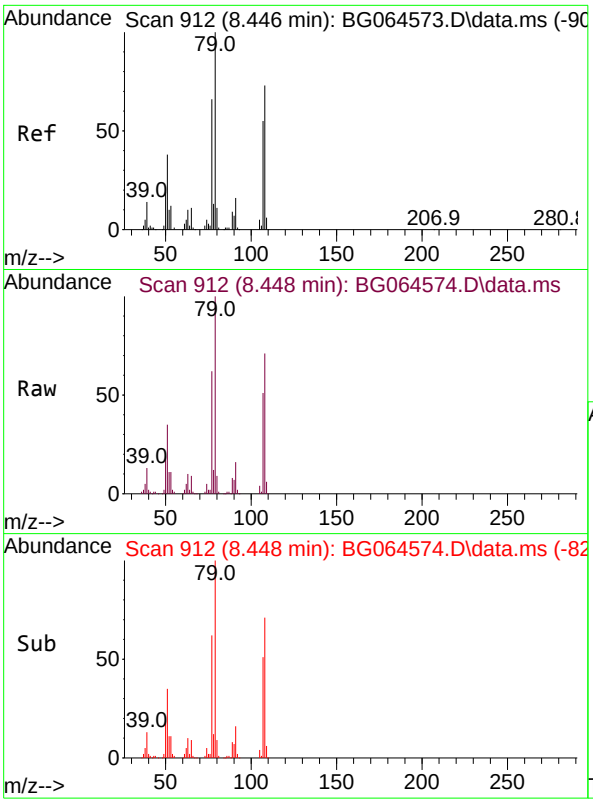


#14
1,2-Dichlorobenzene
Concen: 64.766 ng
RT: 8.583 min Scan# 935
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:146 Resp: 183593

Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.5	77.3
111	45.4	35.0	52.6

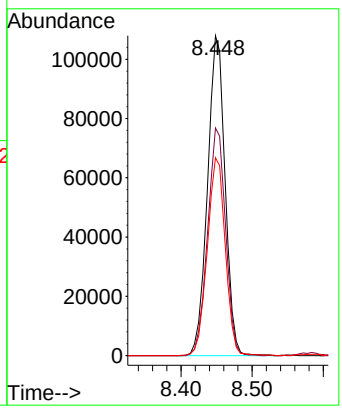




#15
Benzyl Alcohol
Concen: 68.201 ng
RT: 8.448 min Scan# 91
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion: 79 Resp: 18515

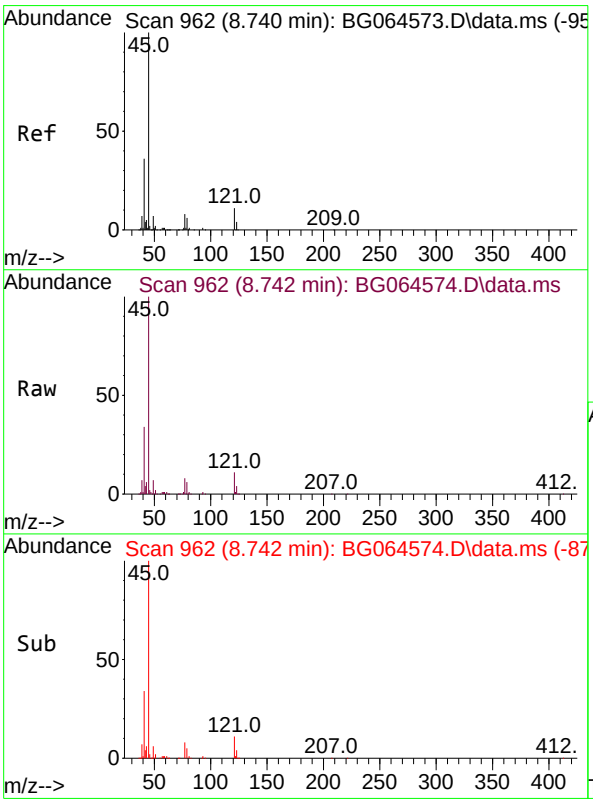
Ion	Ratio	Lower	Upper
79	100		
108	71.1	58.1	87.1
77	61.8	52.8	79.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
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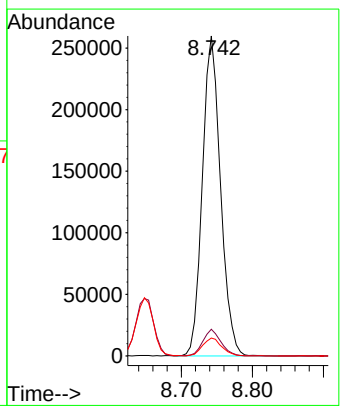
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

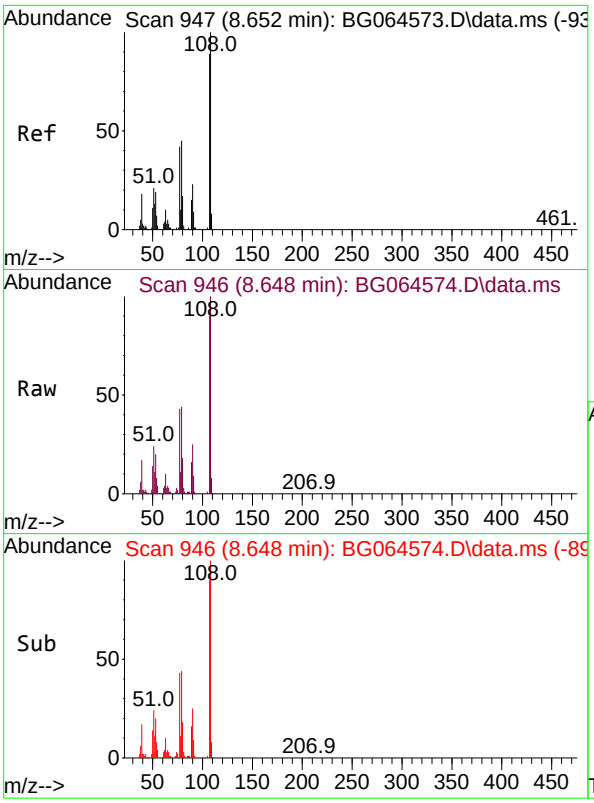


#16
2,2'-oxybis(1-Chloropropane)
Concen: 65.410 ng
RT: 8.742 min Scan# 962
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion: 45 Resp: 459295

Ion	Ratio	Lower	Upper
45	100		
77	8.3	0.0	28.5
79	5.6	0.0	25.6

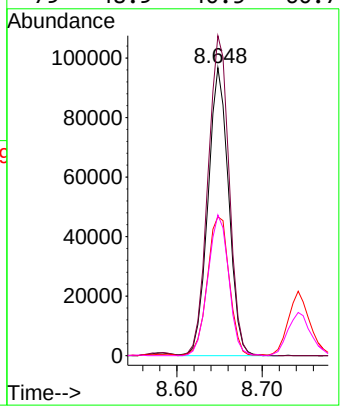




#17
2-Methylphenol
Concen: 67.237 ng
RT: 8.648 min Scan# 94
Delta R.T. -0.004 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:107 Resp: 16253

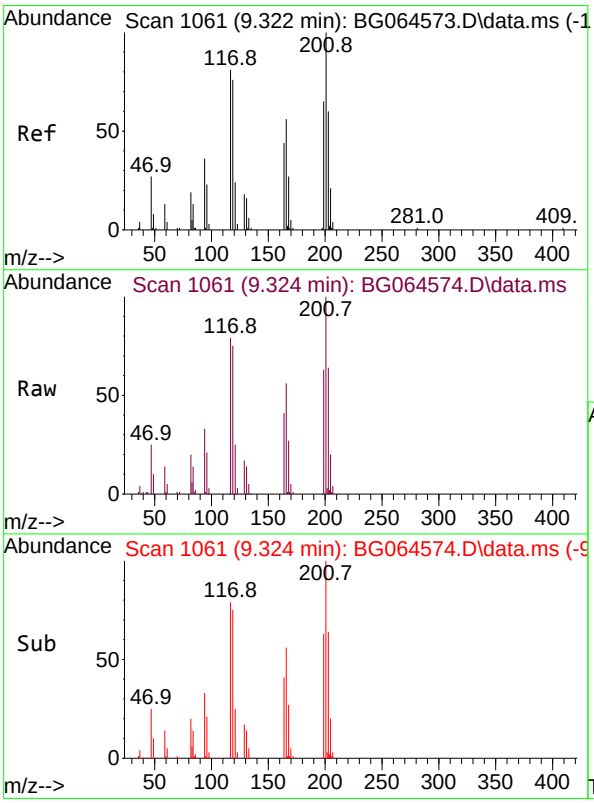
Ion	Ratio	Lower	Upper
107	100		
108	111.1	90.0	135.0
77	48.2	37.8	56.8
79	48.9	40.5	60.7



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

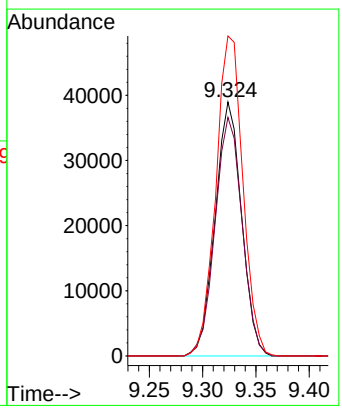
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

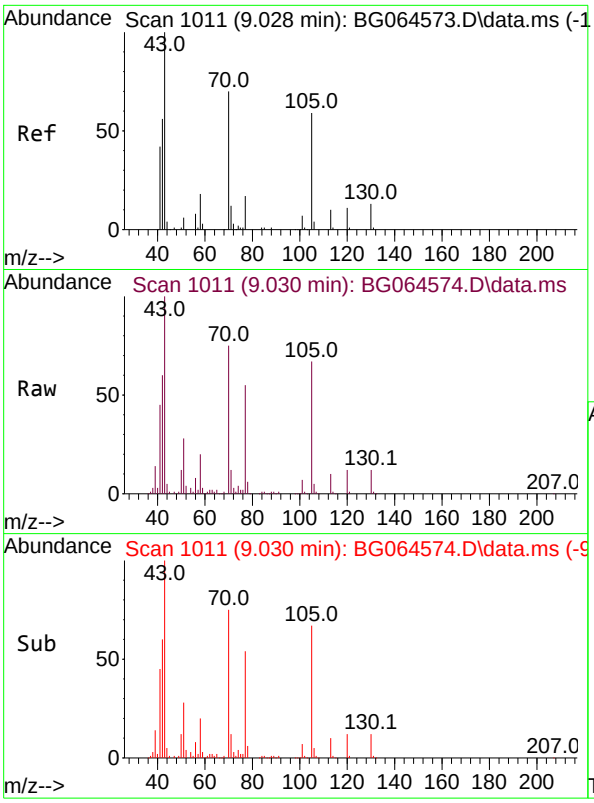


#18
Hexachloroethane
Concen: 65.193 ng
RT: 9.324 min Scan# 1061
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:117 Resp: 67237

Ion	Ratio	Lower	Upper
117	100		
119	93.9	75.4	113.2
201	126.1	99.2	148.8

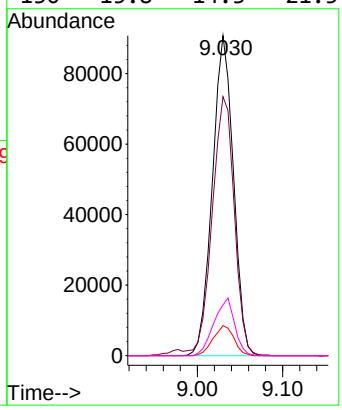




#19
n-Nitroso-di-n-propylamine
Concen: 68.424 ng
RT: 9.030 min Scan# 10
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion: 70 Resp: 15568

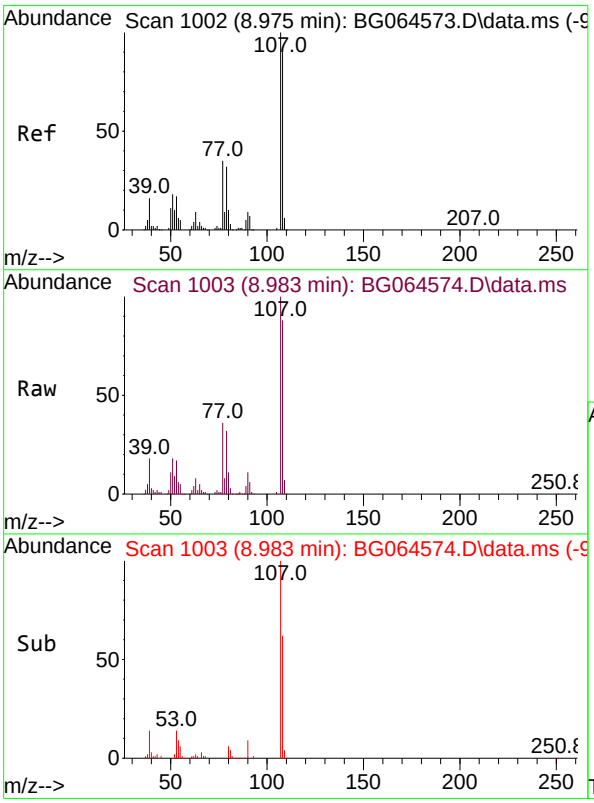
Ion	Ratio	Lower	Upper
70	100		
42	80.9	65.2	97.8
101	9.4	7.9	11.9
130	15.8	14.3	21.5



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

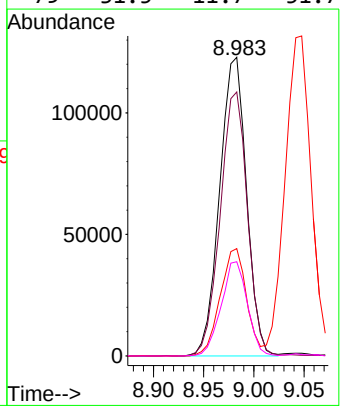
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

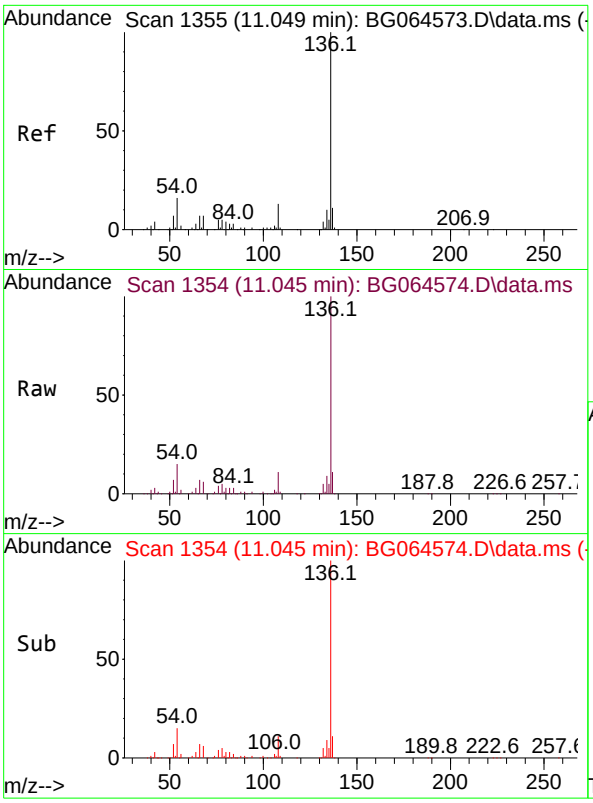


#20
3+4-Methylphenols
Concen: 67.359 ng
RT: 8.983 min Scan# 1003
Delta R.T. 0.008 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:107 Resp: 228995

Ion	Ratio	Lower	Upper
107	100		
108	88.4	70.3	110.3
77	35.9	14.6	54.6
79	31.5	11.7	51.7

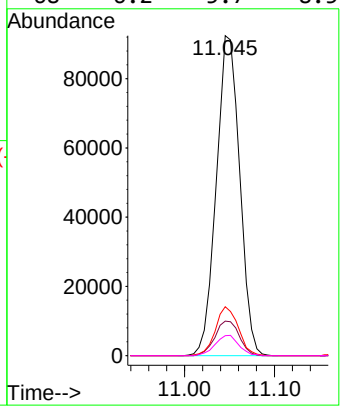




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.045 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:136 Resp: 16800

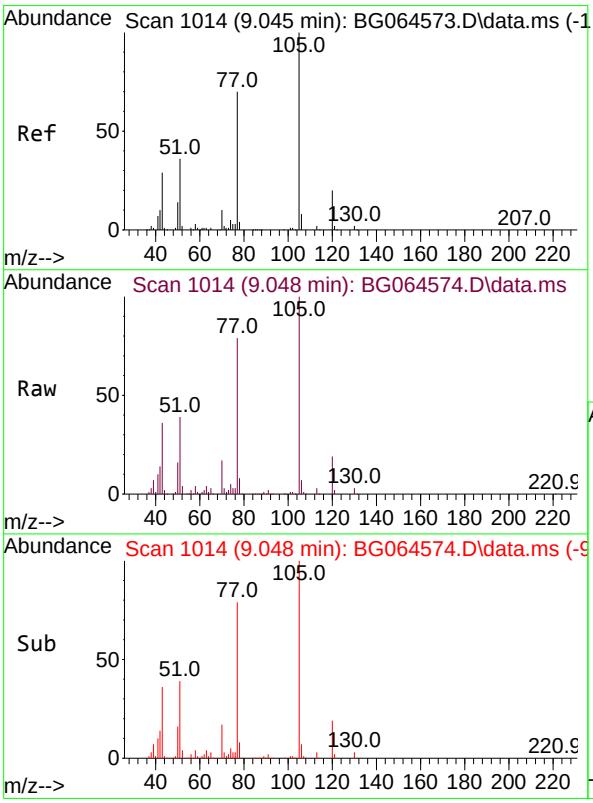
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	15.3	12.6	19.0
68	6.2	5.7	8.5



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

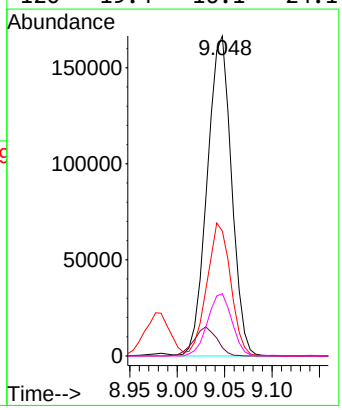
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

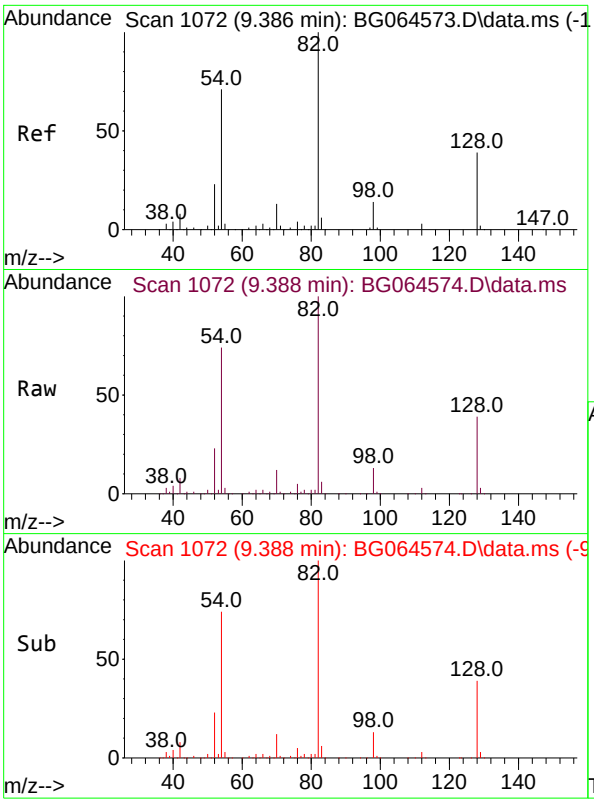


#22
Acetophenone
Concen: 64.759 ng
RT: 9.048 min Scan# 1014
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:105 Resp: 297413

Ion	Ratio	Lower	Upper
105	100		
71	2.6	1.5	2.3#
51	39.0	33.7	50.5
120	19.4	16.1	24.1

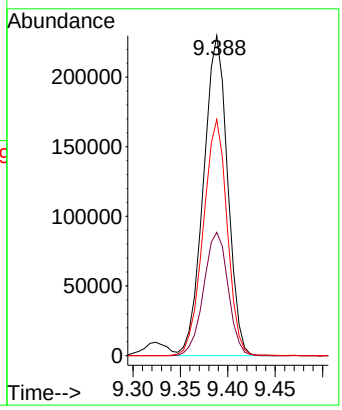




#23
Nitrobenzene-d5
Concen: 145.243 ng
RT: 9.388 min Scan# 10
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion: 82 Resp: 406268

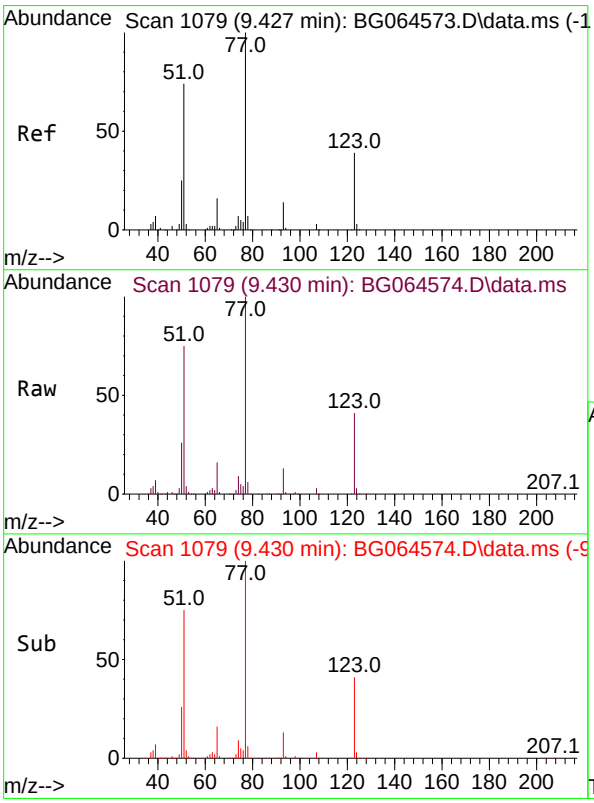
Ion	Ratio	Lower	Upper
82	100		
128	38.5	31.3	46.9
54	73.8	56.6	84.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

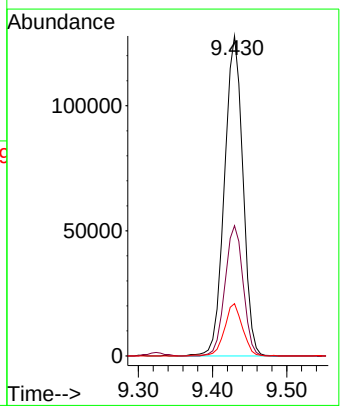
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

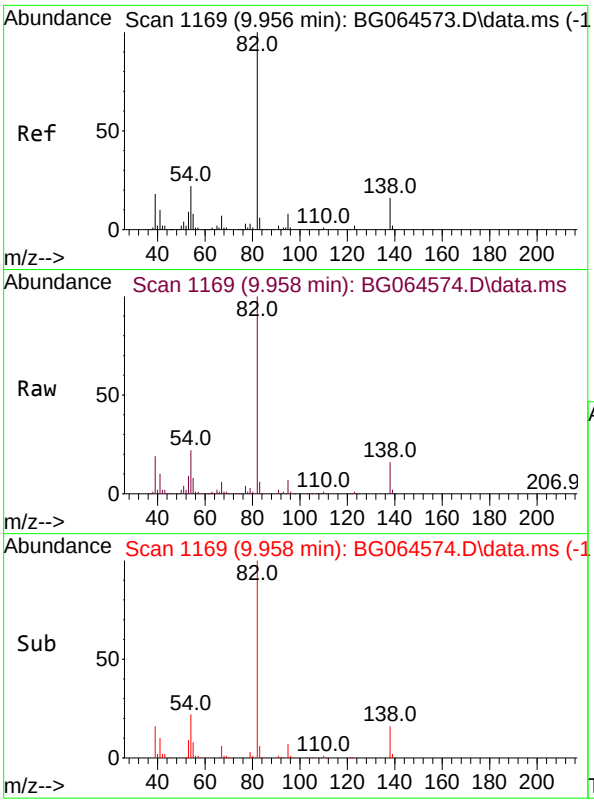


#24
Nitrobenzene
Concen: 72.567 ng
RT: 9.430 min Scan# 1079
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion: 77 Resp: 220774

Ion	Ratio	Lower	Upper
77	100		
123	40.7	31.0	46.6
65	16.3	12.7	19.1

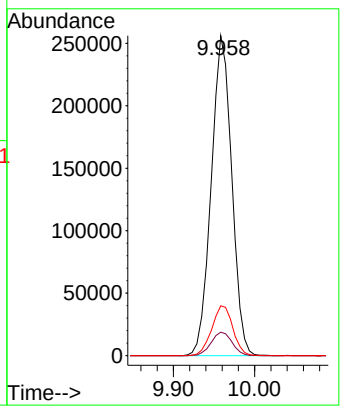




#25
Isophorone
Concen: 66.940 ng
RT: 9.958 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion: 82 Resp: 449298

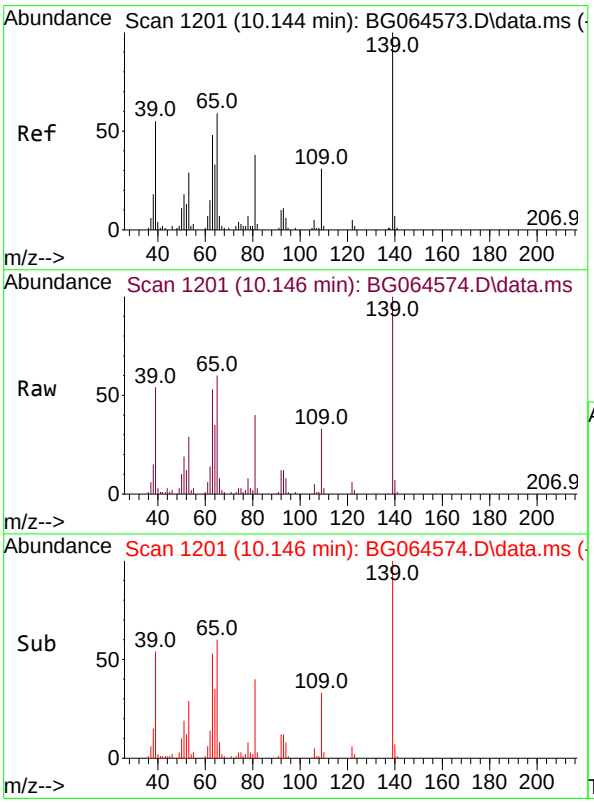
Ion	Ratio	Lower	Upper
82	100		
95	7.3	6.1	9.1
138	15.6	13.0	19.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
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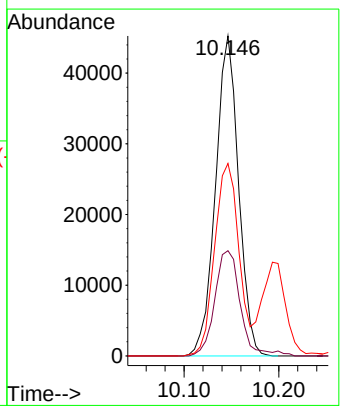
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

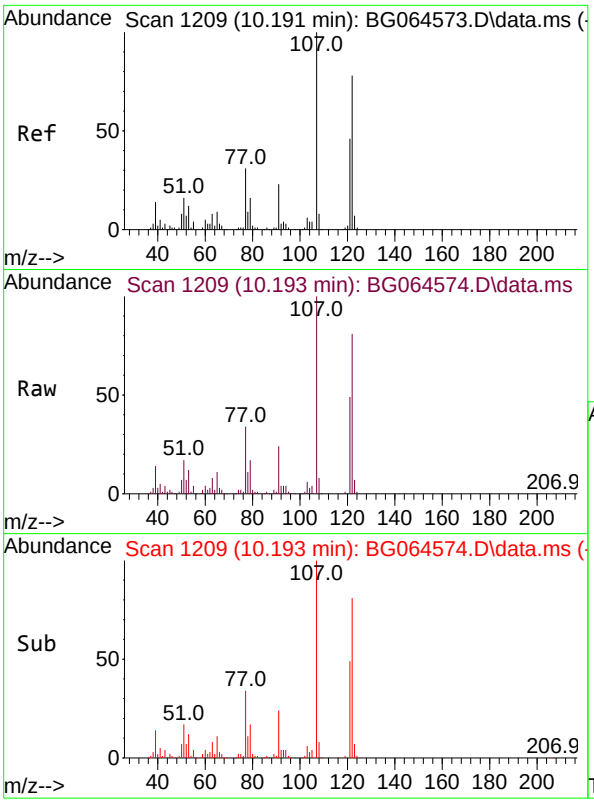


#26
2-Nitrophenol
Concen: 63.945 ng
RT: 10.146 min Scan# 1201
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:139 Resp: 76368

Ion	Ratio	Lower	Upper
139	100		
109	32.9	24.6	37.0
65	60.1	47.5	71.3

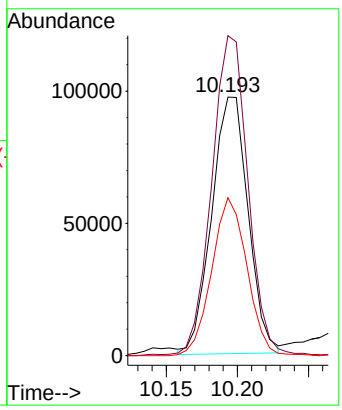




#27
2,4-Dimethylphenol
Concen: 69.317 ng
RT: 10.193 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:122 Resp: 17306

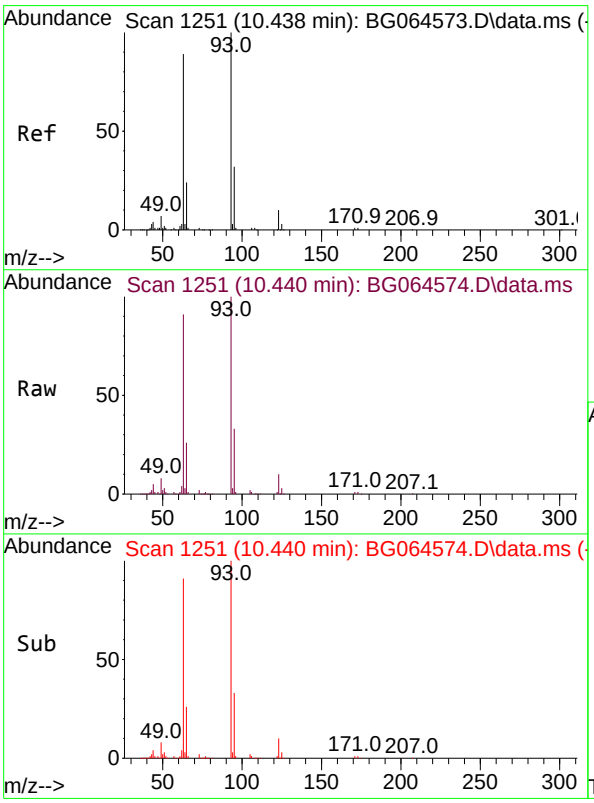
Ion	Ratio	Lower	Upper
122	100		
107	123.8	103.0	154.4
121	61.1	47.8	71.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

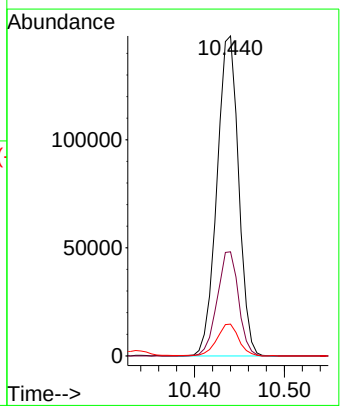
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

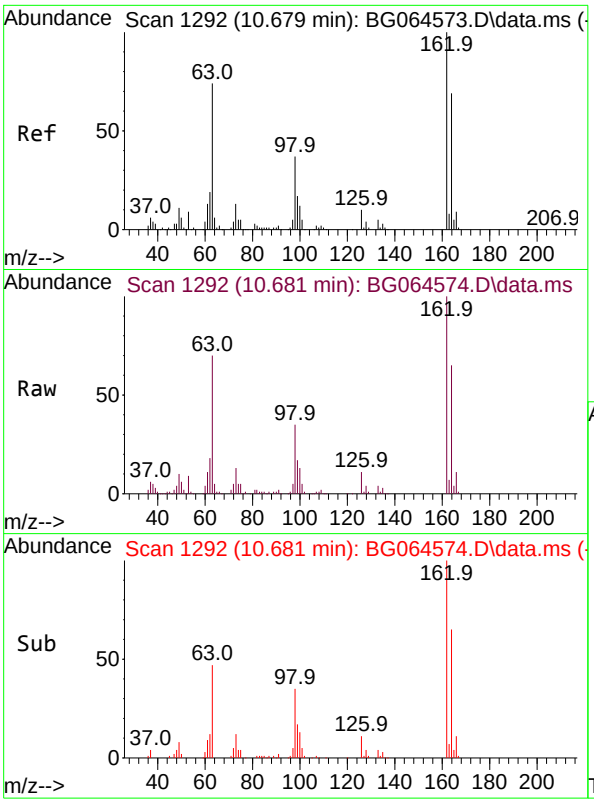


#28
bis(2-Chloroethoxy)methane
Concen: 65.078 ng
RT: 10.440 min Scan# 1251
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion: 93 Resp: 248699

Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.4	38.2
123	9.9	8.4	12.6





#29
2,4-Dichlorophenol
Concen: 70.056 ng
RT: 10.681 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

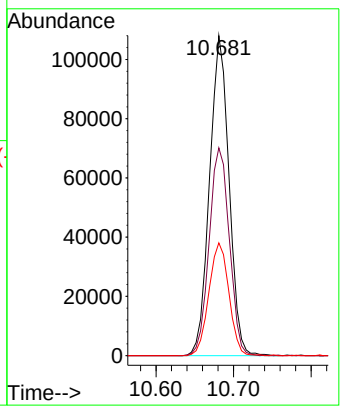
Tgt Ion:162 Resp: 18823

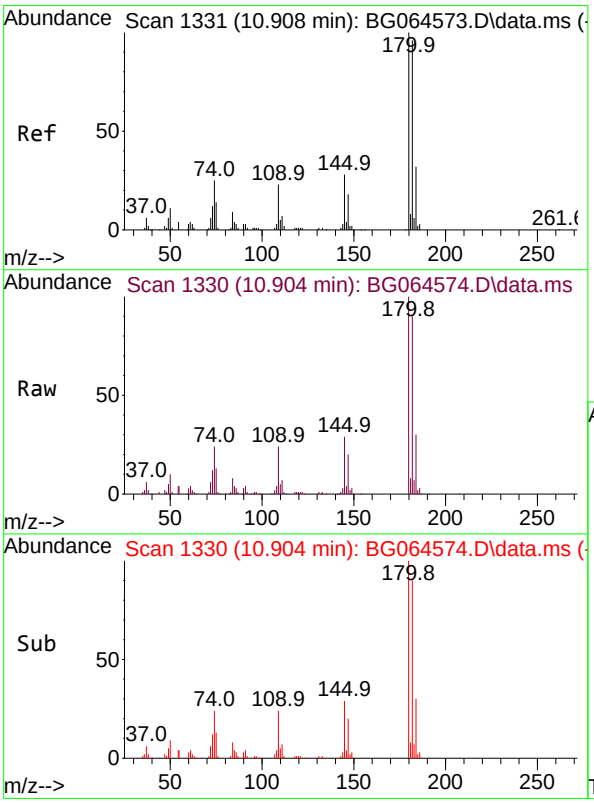
Ion	Ratio	Lower	Upper
162	100		
164	64.9	48.7	88.7
98	35.2	16.9	56.9

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

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Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

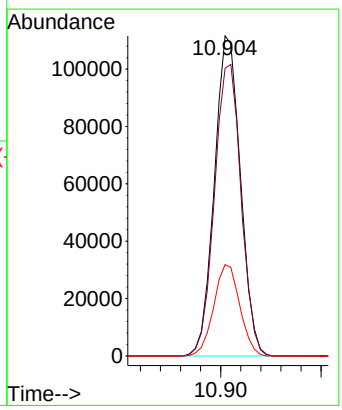


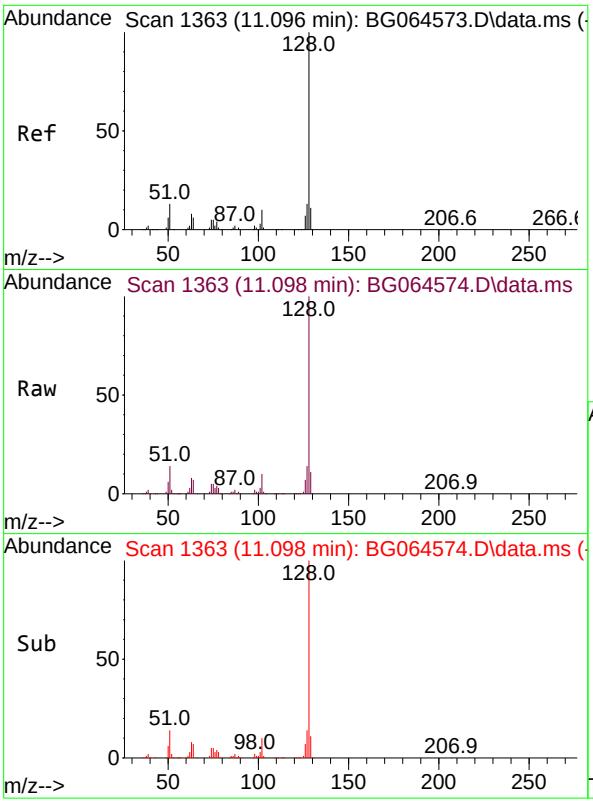


#30
1,2,4-Trichlorobenzene
Concen: 65.837 ng
RT: 10.904 min Scan# 1330
Delta R.T. -0.004 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:180 Resp: 200988

Ion	Ratio	Lower	Upper
180	100		
182	89.9	76.9	115.3
145	28.5	22.1	33.1

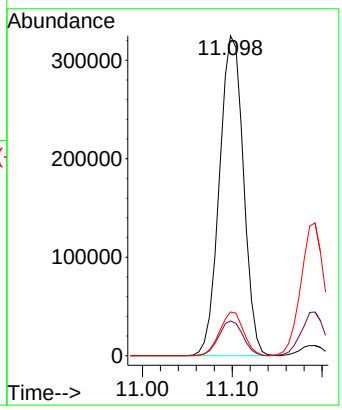




#31
Naphthalene
Concen: 64.976 ng
RT: 11.098 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:128 Resp: 60523

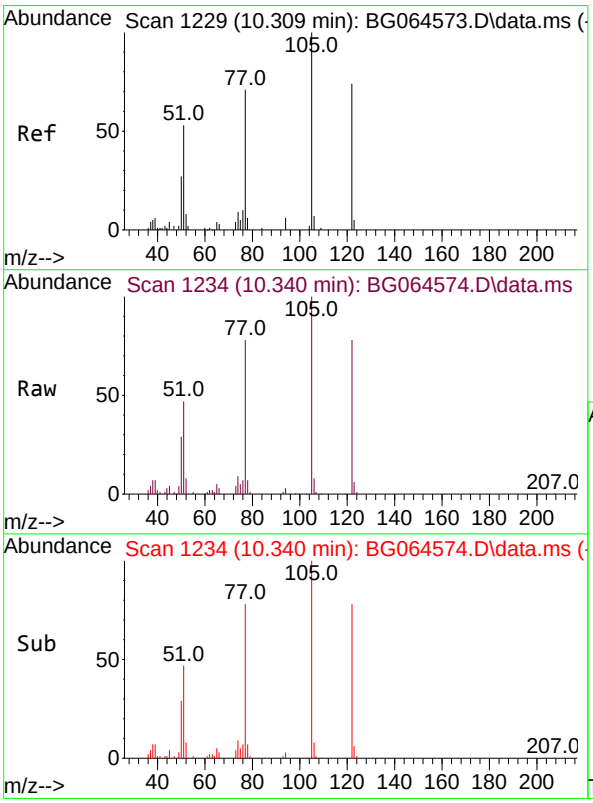
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.6	10.6	15.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

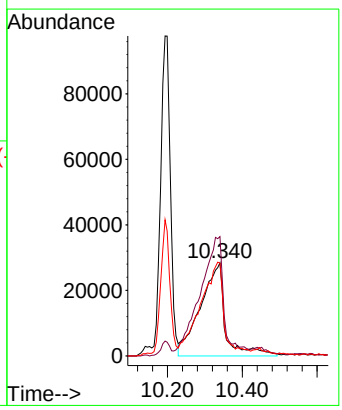
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

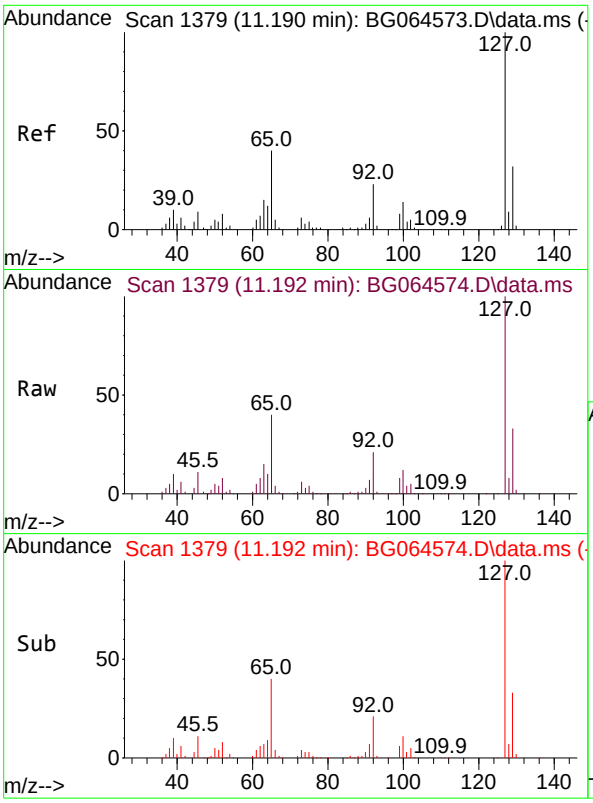


#32
Benzoic acid
Concen: 65.612 ng m
RT: 10.340 min Scan# 1234
Delta R.T. 0.031 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:122 Resp: 130898

Ion	Ratio	Lower	Upper
122	100		
105	128.3	104.2	144.2
77	99.8	70.2	110.2

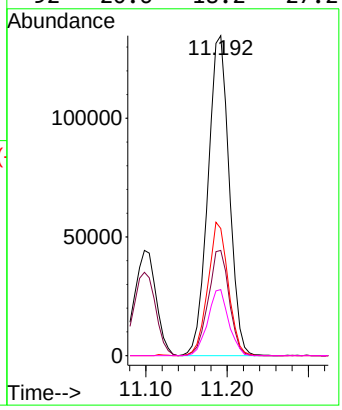




#33
4-Chloroaniline
Concen: 67.699 ng
RT: 11.192 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:127 Resp: 24510

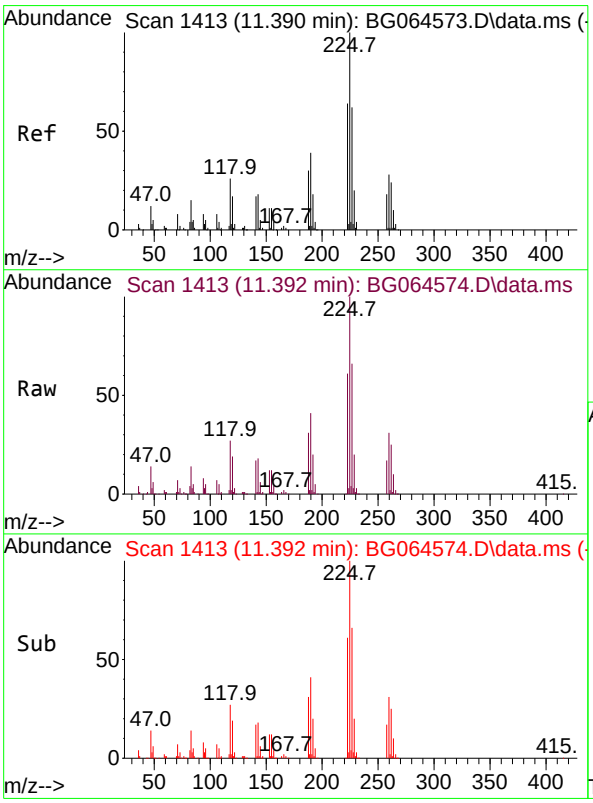
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.5	38.3
65	39.7	32.2	48.4
92	20.6	18.2	27.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

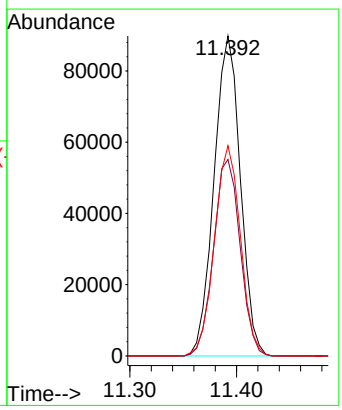
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

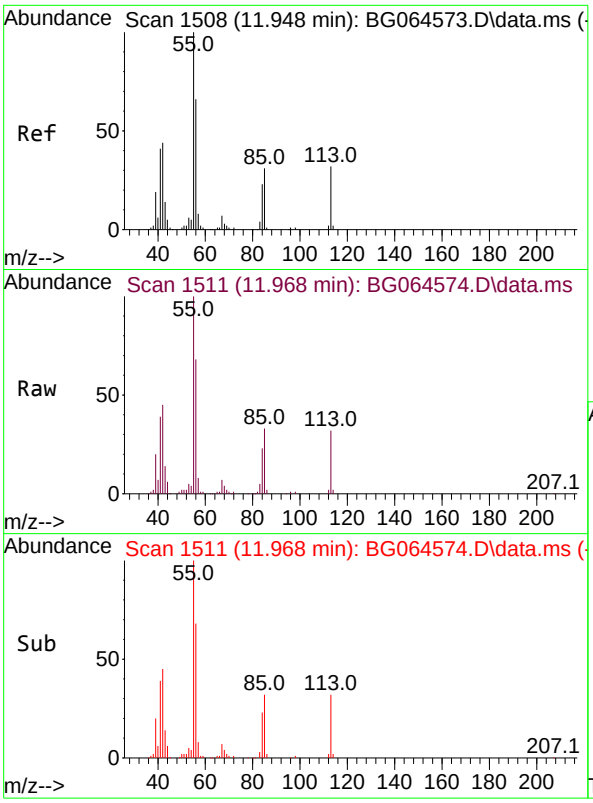


#34
Hexachlorobutadiene
Concen: 64.630 ng
RT: 11.392 min Scan# 1413
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:225 Resp: 154303

Ion	Ratio	Lower	Upper
225	100		
223	61.4	48.8	73.2
227	65.7	49.5	74.3

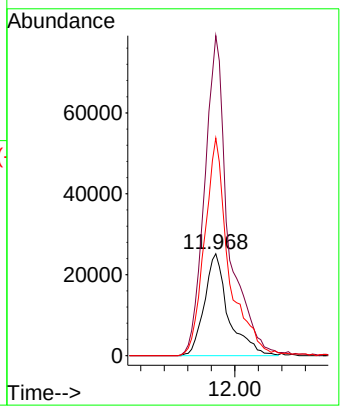




#35
Caprolactam
Concen: 69.206 ng
RT: 11.968 min Scan# 1
Delta R.T. 0.020 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:113 Resp: 7131

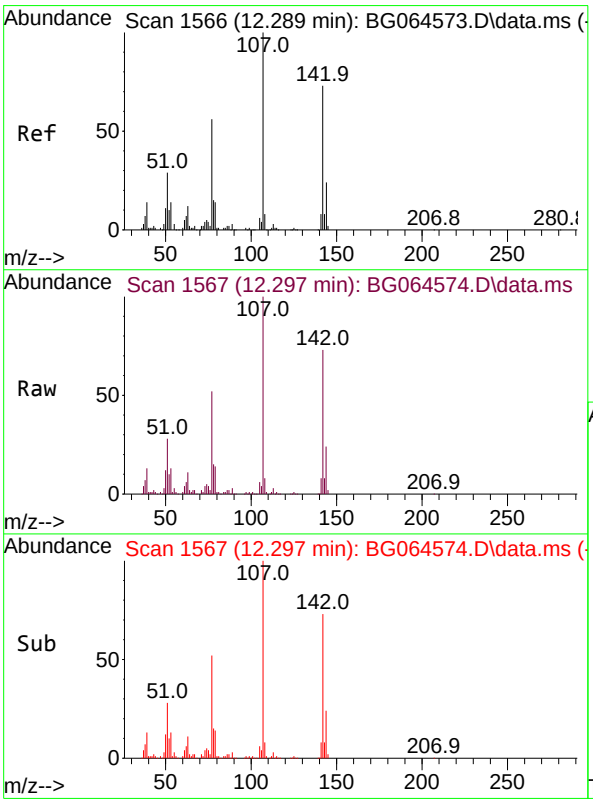
Ion	Ratio	Lower	Upper
113	100		
55	314.3	290.1	330.1
56	213.7	183.8	223.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

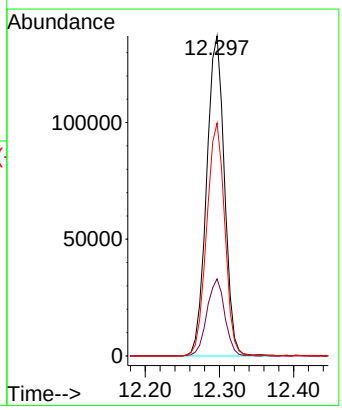
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

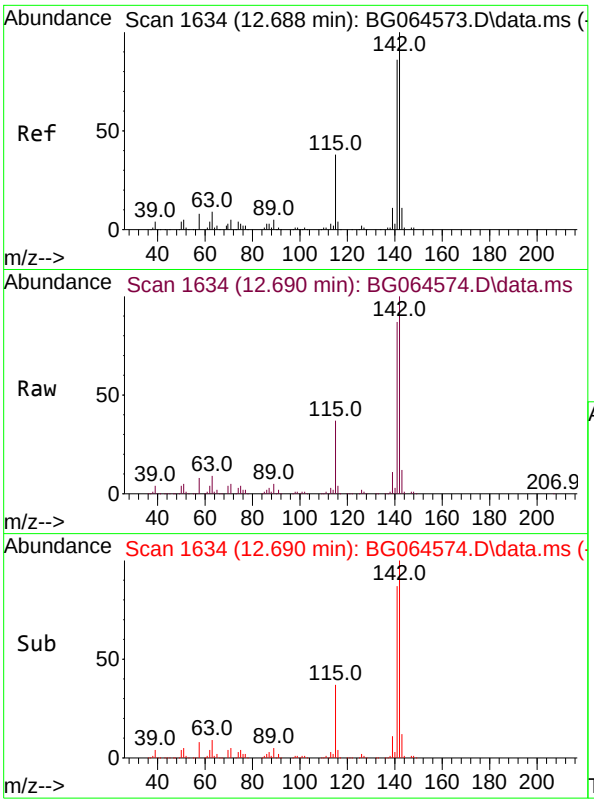


#36
4-Chloro-3-methylphenol
Concen: 70.853 ng
RT: 12.297 min Scan# 1567
Delta R.T. 0.008 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:107 Resp: 228833

Ion	Ratio	Lower	Upper
107	100		
144	24.1	19.1	28.7
142	72.8	58.6	87.8

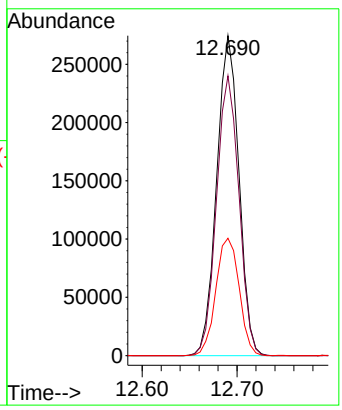




#37
2-Methylnaphthalene
Concen: 65.435 ng
RT: 12.690 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:142 Resp: 44749

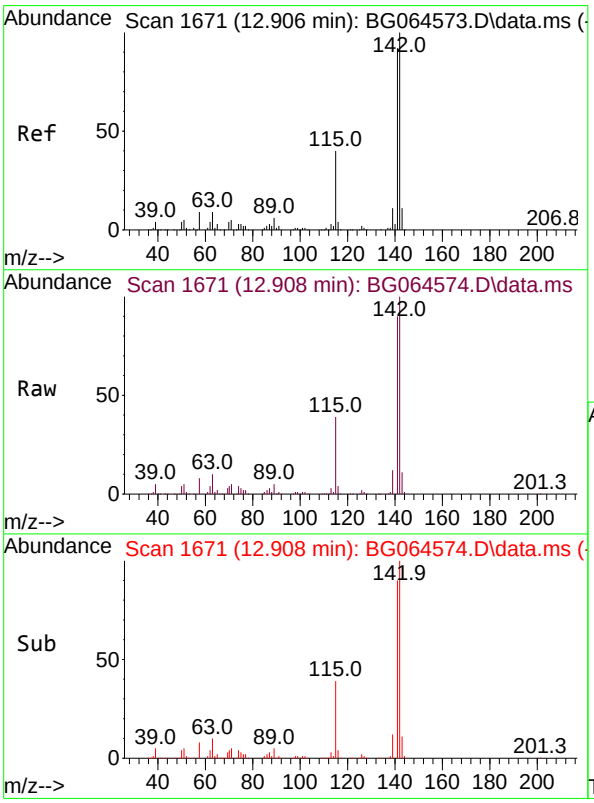
Ion	Ratio	Lower	Upper
142	100		
141	87.4	68.9	103.3
115	36.7	30.6	46.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

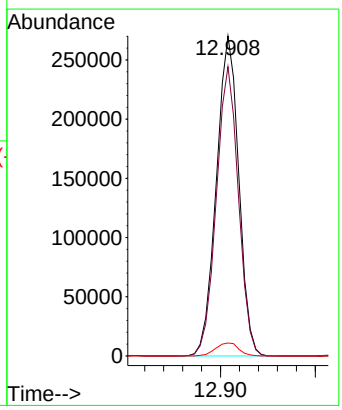
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

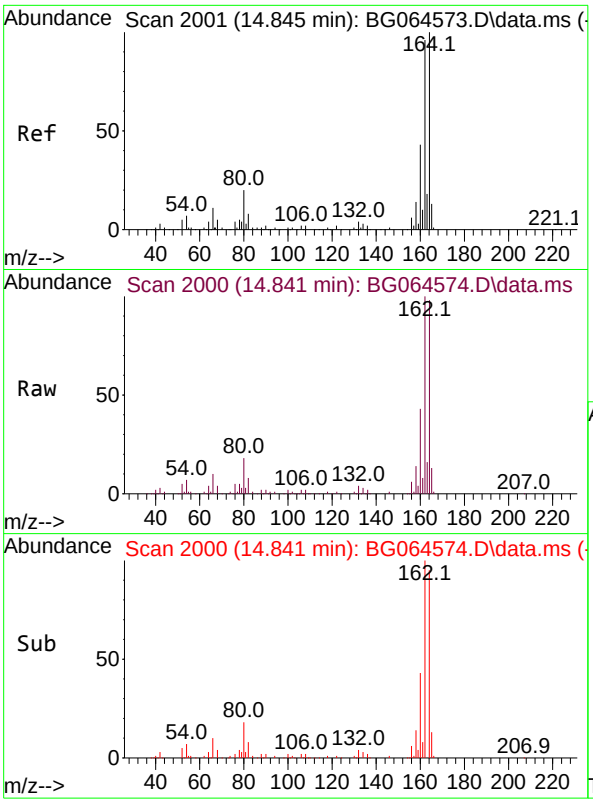


#38
1-Methylnaphthalene
Concen: 65.402 ng
RT: 12.908 min Scan# 1671
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:142 Resp: 442677

Ion	Ratio	Lower	Upper
142	100		
141	90.4	73.3	109.9
116	4.0	3.1	4.7

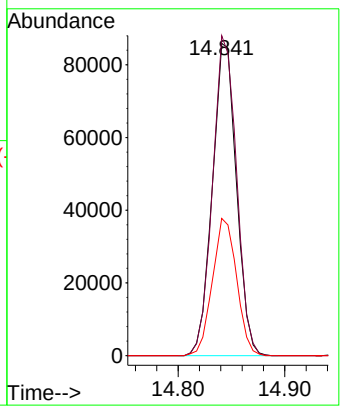




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.841 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:164 Resp: 13499

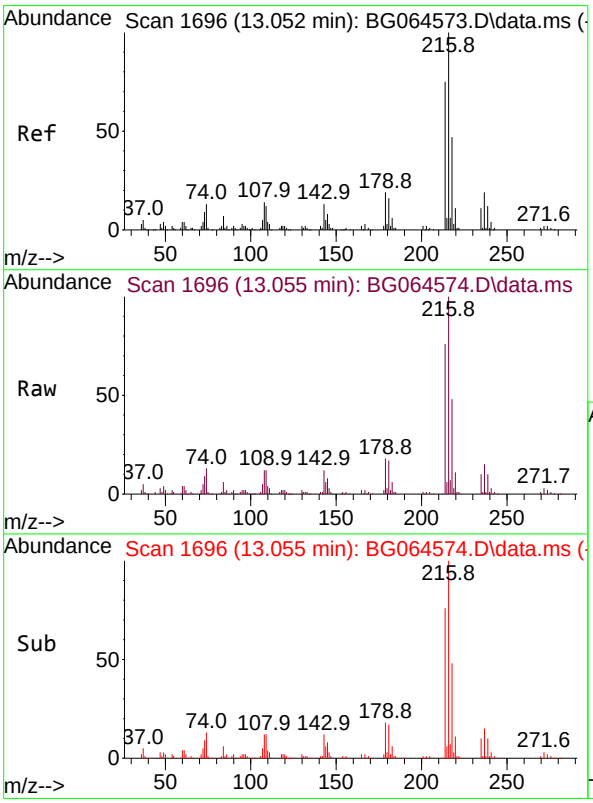
Ion	Ratio	Lower	Upper
164	100		
162	102.5	77.0	115.6
160	43.9	34.4	51.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

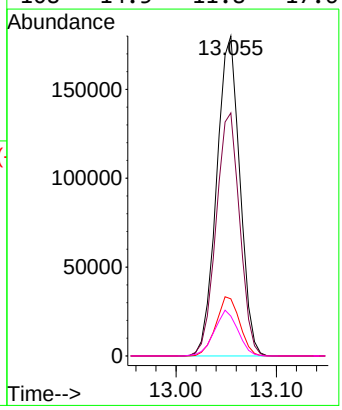
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

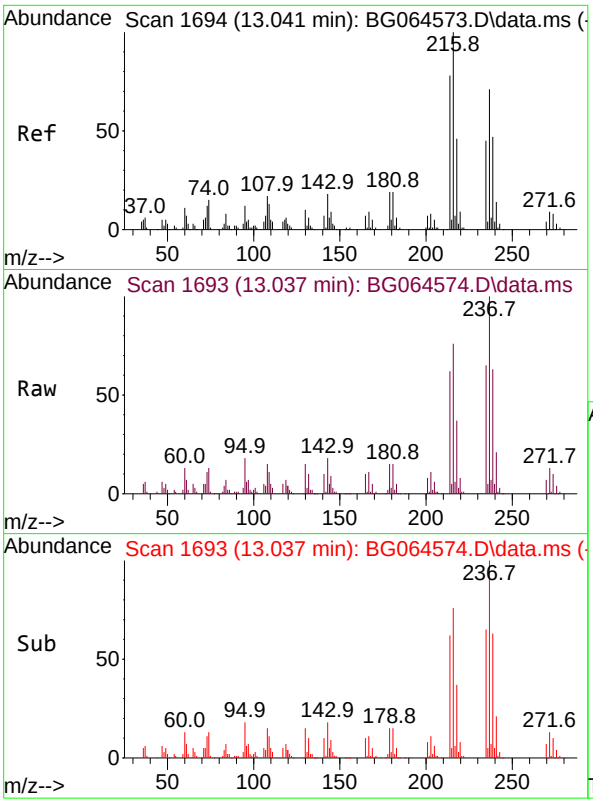


#40
1,2,4,5-Tetrachlorobenzene
Concen: 64.049 ng
RT: 13.055 min Scan# 1696
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:216 Resp: 290173

Ion	Ratio	Lower	Upper
216	100		
214	77.0	61.4	92.2
179	18.8	15.4	23.0
108	14.5	11.8	17.6

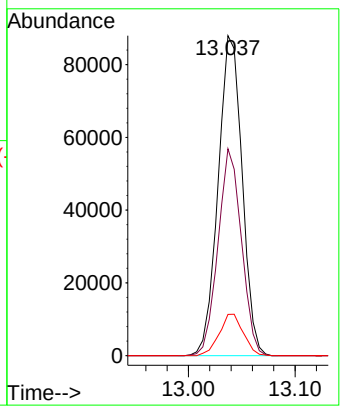




#41
Hexachlorocyclopentadiene
Concen: 67.540 ng
RT: 13.037 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:237 Resp: 13772

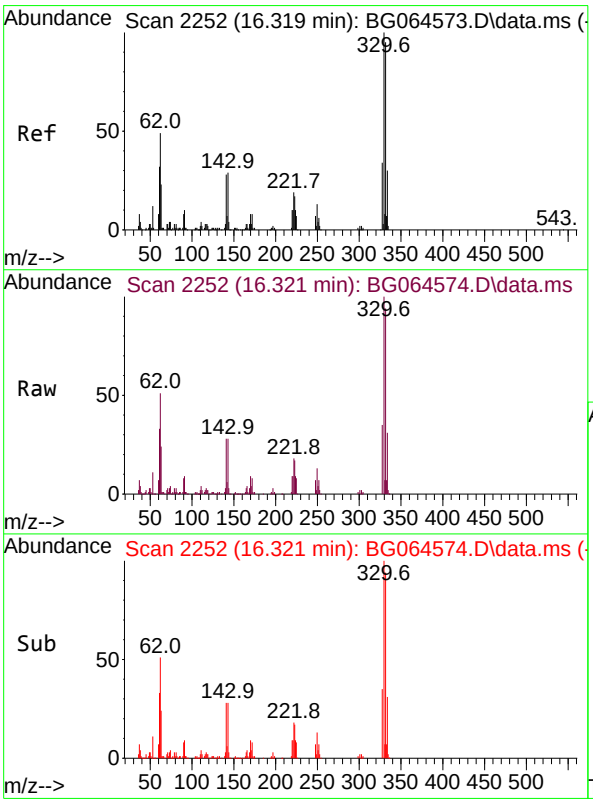
Ion	Ratio	Lower	Upper
237	100		
235	64.6	44.1	84.1
272	12.9	0.0	32.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

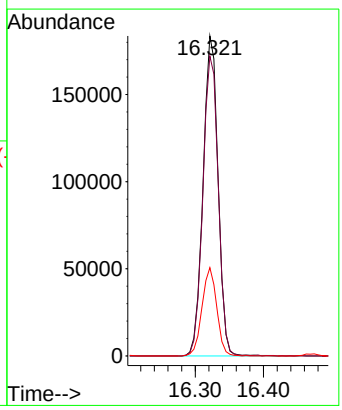
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

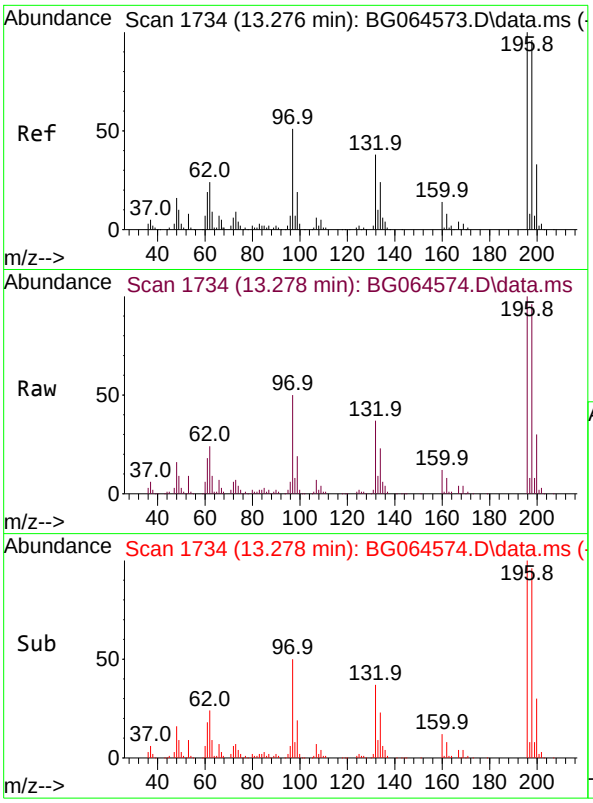


#42
2,4,6-Tribromophenol
Concen: 143.807 ng
RT: 16.321 min Scan# 2252
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:330 Resp: 280190

Ion	Ratio	Lower	Upper
330	100		
332	95.9	78.0	117.0
141	27.0	21.8	32.6

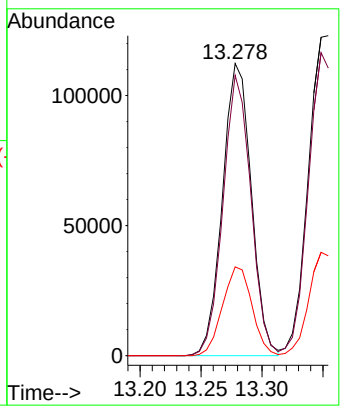




#43
2,4,6-Trichlorophenol
Concen: 71.299 ng
RT: 13.278 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:196 Resp: 18477

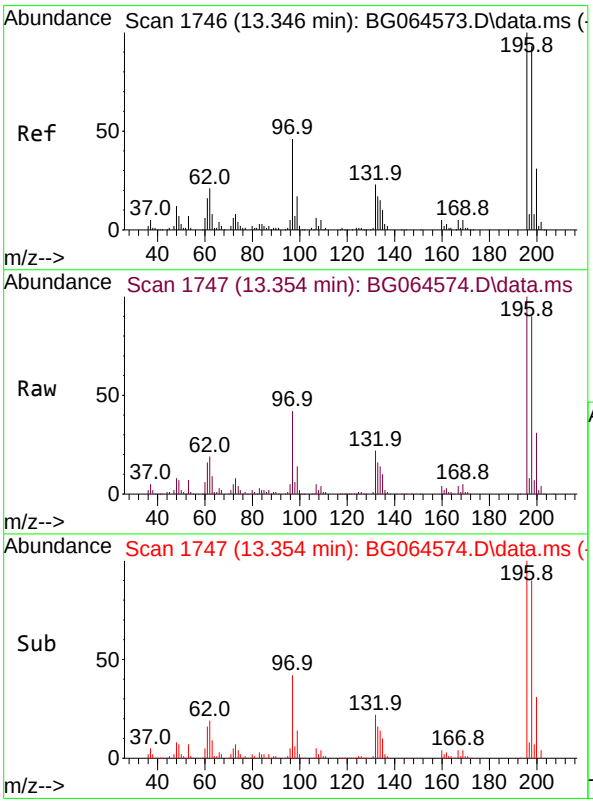
Ion	Ratio	Lower	Upper
196	100		
198	95.9	76.6	115.0
200	30.4	26.0	39.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

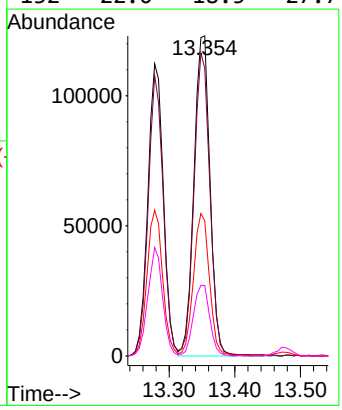
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

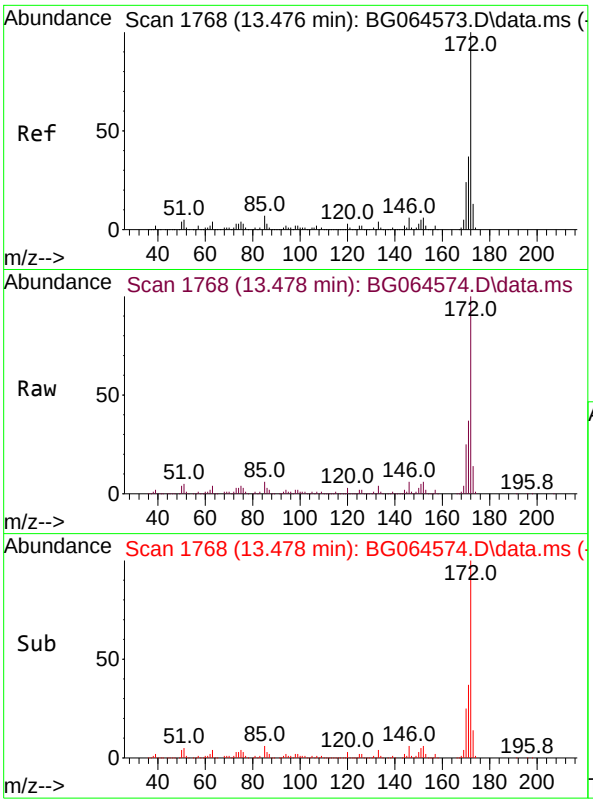


#44
2,4,5-Trichlorophenol
Concen: 69.994 ng
RT: 13.354 min Scan# 1747
Delta R.T. 0.008 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:196 Resp: 209320

Ion	Ratio	Lower	Upper
196	100		
198	89.8	74.2	111.4
97	42.2	37.0	55.6
132	22.0	18.5	27.7

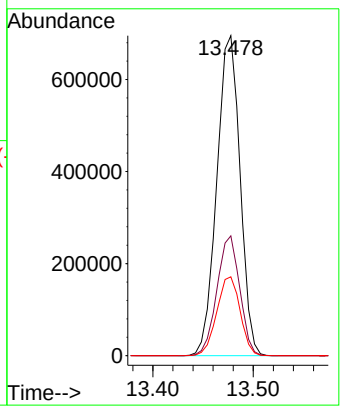




#45
2-Fluorobiphenyl
Concen: 125.867 ng
RT: 13.478 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:172 Resp: 1120989

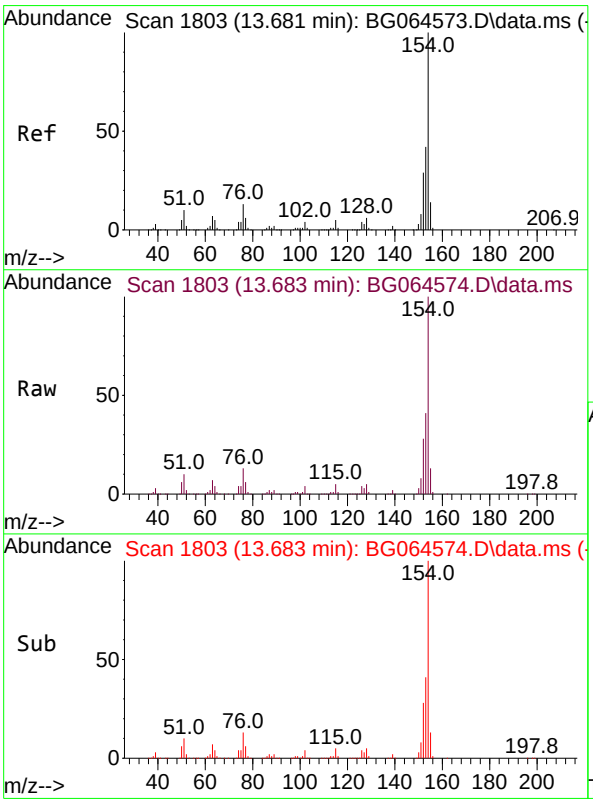
Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.4	44.0
170	24.6	19.1	28.7



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

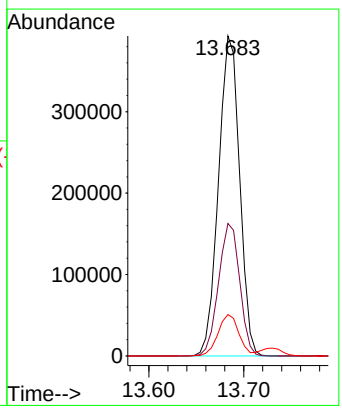
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

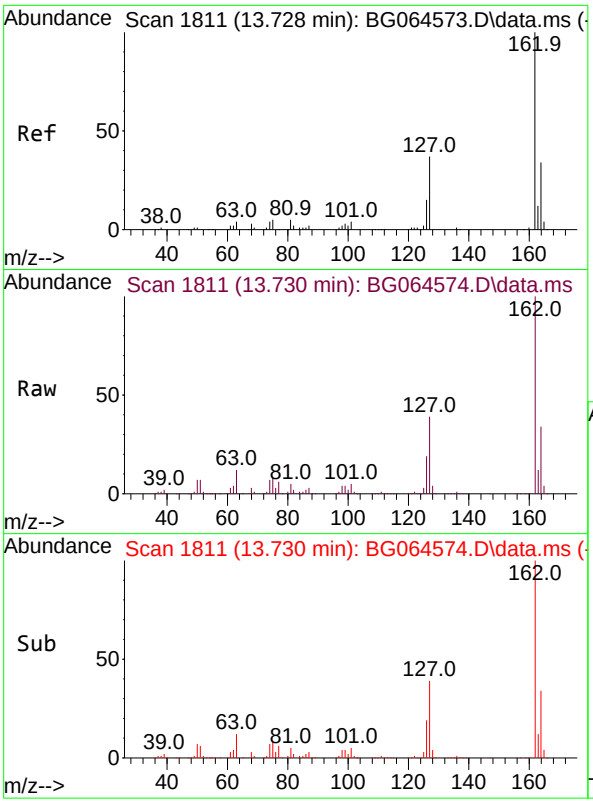


#46
1,1'-Biphenyl
Concen: 63.233 ng
RT: 13.683 min Scan# 1803
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:154 Resp: 606860

Ion	Ratio	Lower	Upper
154	100		
153	41.4	22.4	62.4
76	12.9	0.0	33.5

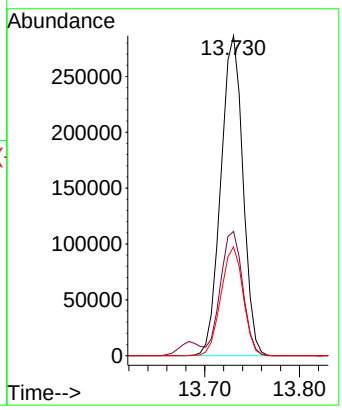




#47
2-Chloronaphthalene
Concen: 64.022 ng
RT: 13.730 min Scan# 18
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:162 Resp: 463791

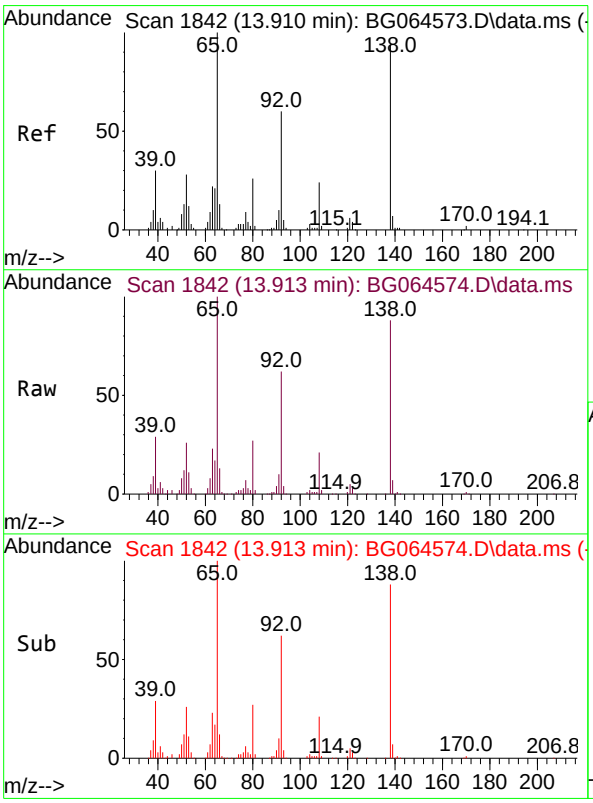
Ion	Ratio	Lower	Upper
162	100		
127	38.8	32.2	48.2
164	34.0	27.5	41.3



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

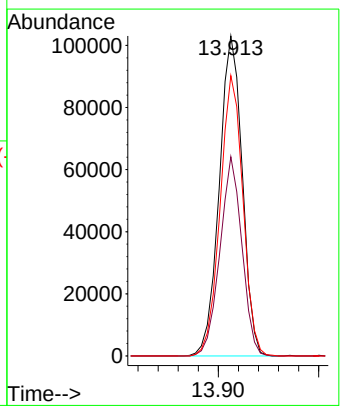
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

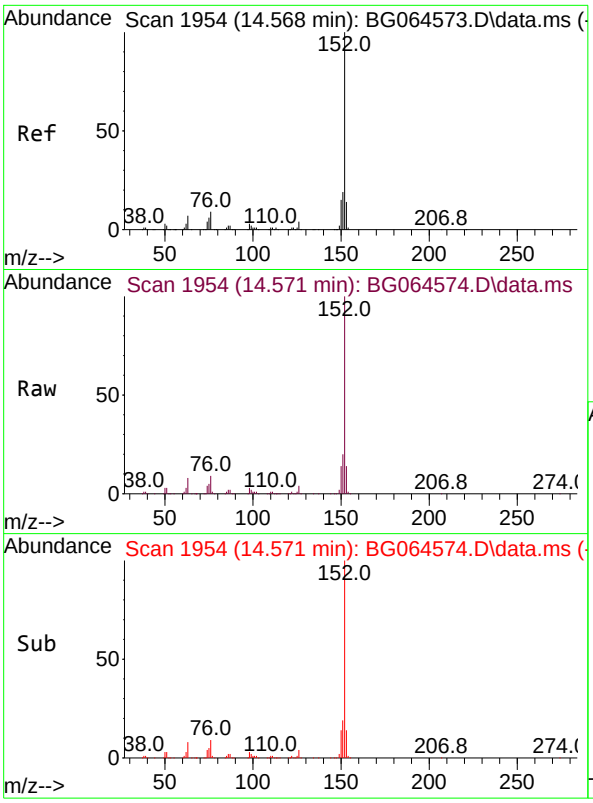


#48
2-Nitroaniline
Concen: 66.052 ng
RT: 13.913 min Scan# 1842
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion: 65 Resp: 163796

Ion	Ratio	Lower	Upper
65	100		
92	62.2	48.3	72.5
138	87.6	74.9	112.3

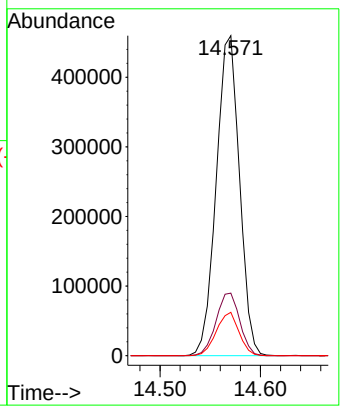




#49
Acenaphthylene
Concen: 64.738 ng
RT: 14.571 min Scan# 19
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:152 Resp: 739728

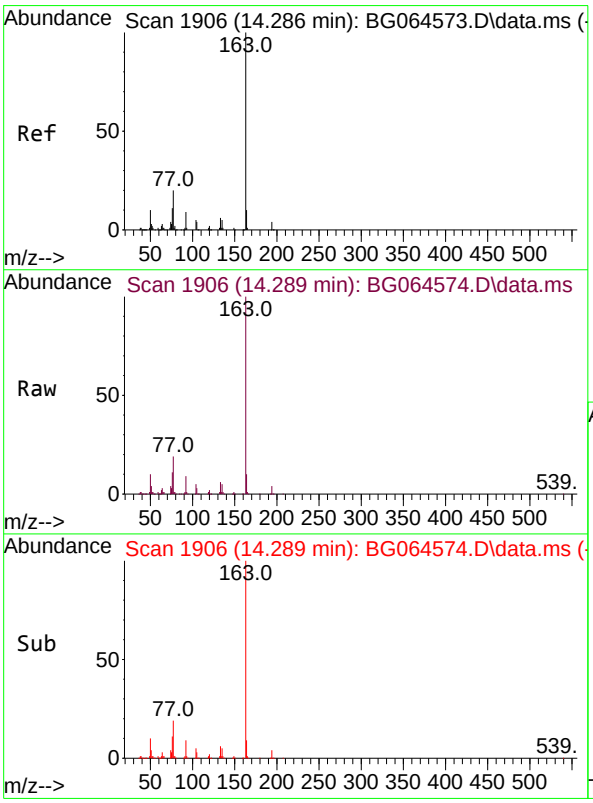
Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.2
153	13.5	11.0	16.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

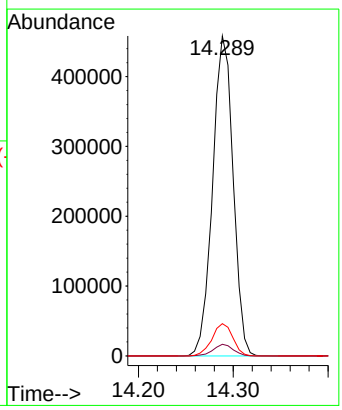
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

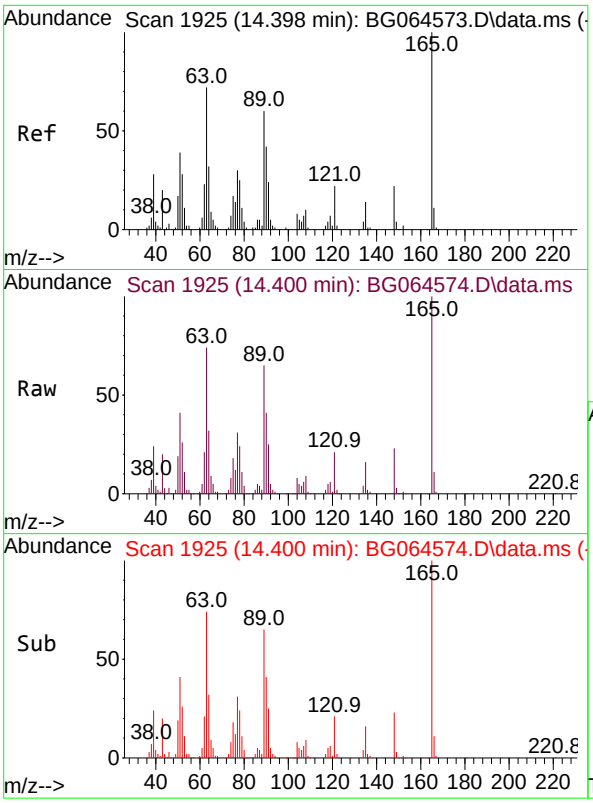


#50
Dimethylphthalate
Concen: 66.616 ng
RT: 14.289 min Scan# 1906
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:163 Resp: 688128

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.8	4.2
164	10.1	7.7	11.5

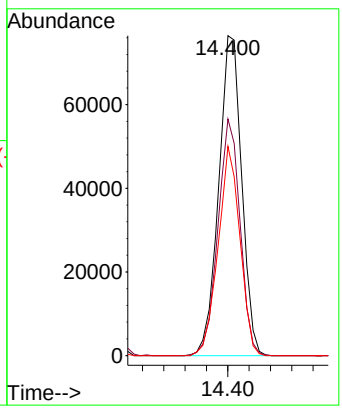




#51
2,6-Dinitrotoluene
Concen: 65.951 ng
RT: 14.400 min Scan# 19
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:165 Resp: 114588

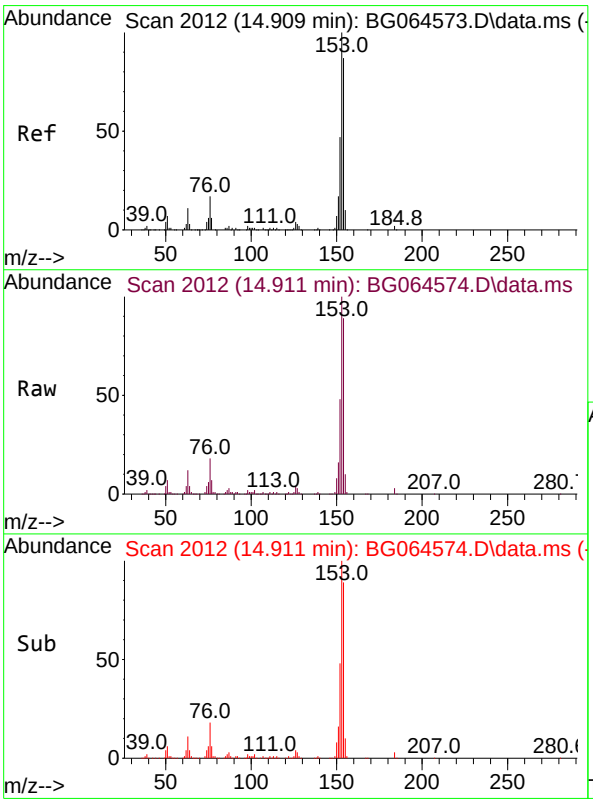
Ion	Ratio	Lower	Upper
165	100		
63	73.9	57.4	86.0
89	65.4	47.8	71.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

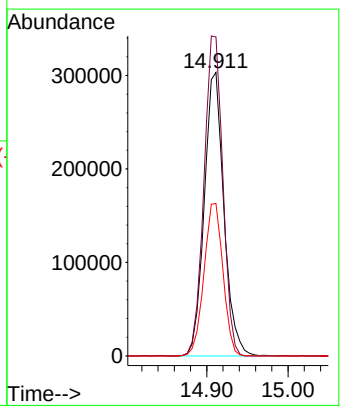
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

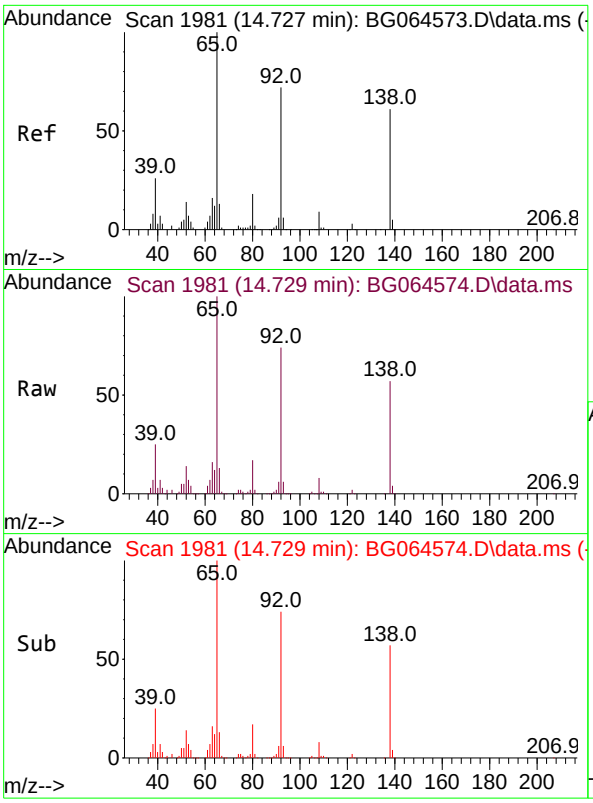


#52
Acenaphthene
Concen: 65.392 ng
RT: 14.911 min Scan# 2012
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:154 Resp: 510499

Ion	Ratio	Lower	Upper
154	100		
153	112.5	92.2	138.4
152	53.8	43.2	64.8

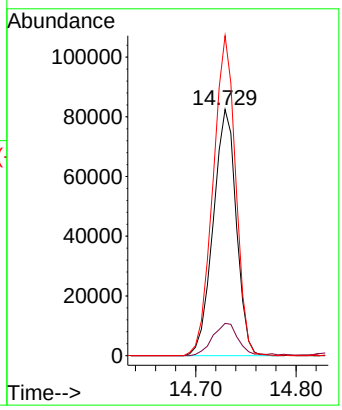




#53
3-Nitroaniline
Concen: 74.231 ng
RT: 14.729 min Scan# 19
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:138 Resp: 13177

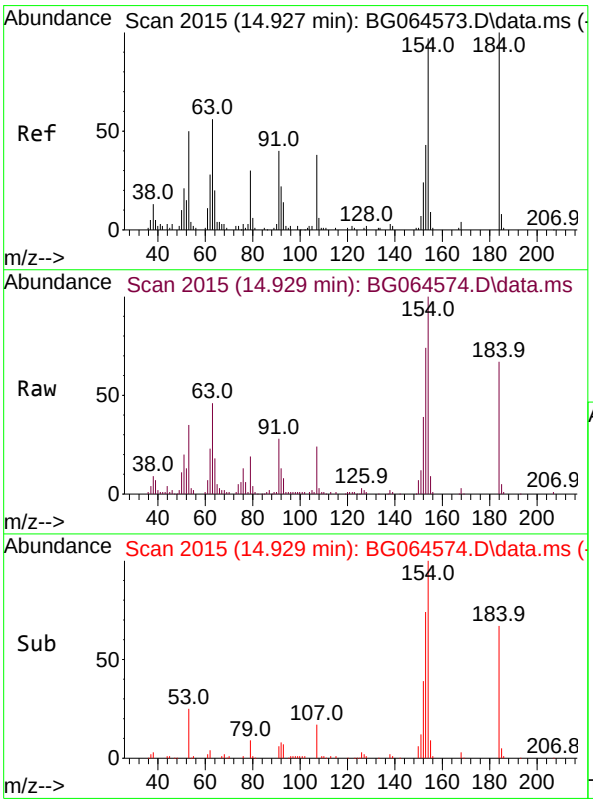
Ion	Ratio	Lower	Upper
138	100		
108	13.1	11.4	17.0
92	130.0	95.3	142.9



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
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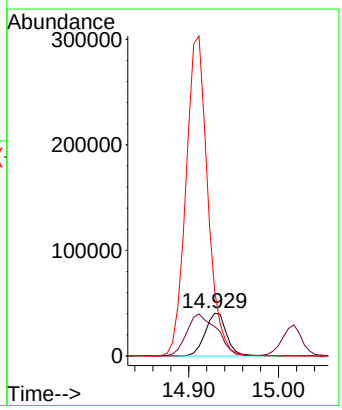
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

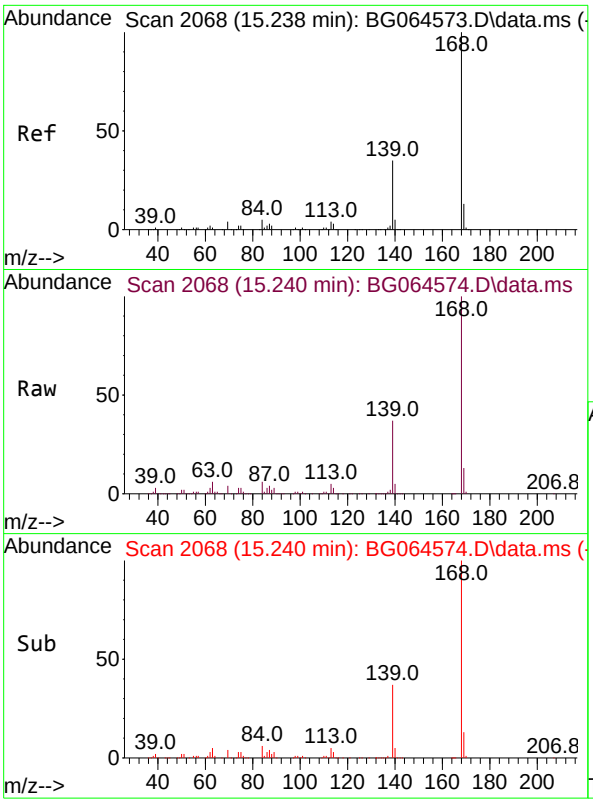


#54
2,4-Dinitrophenol
Concen: 65.082 ng
RT: 14.929 min Scan# 2015
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:184 Resp: 66900

Ion	Ratio	Lower	Upper
184	100		
63	68.5	56.6	85.0
154	149.4	158.6	238.0#

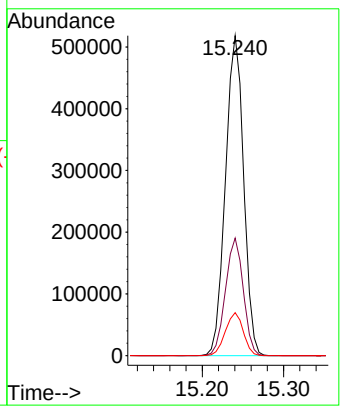




#55
Dibenzofuran
Concen: 63.779 ng
RT: 15.240 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:168 Resp: 80496

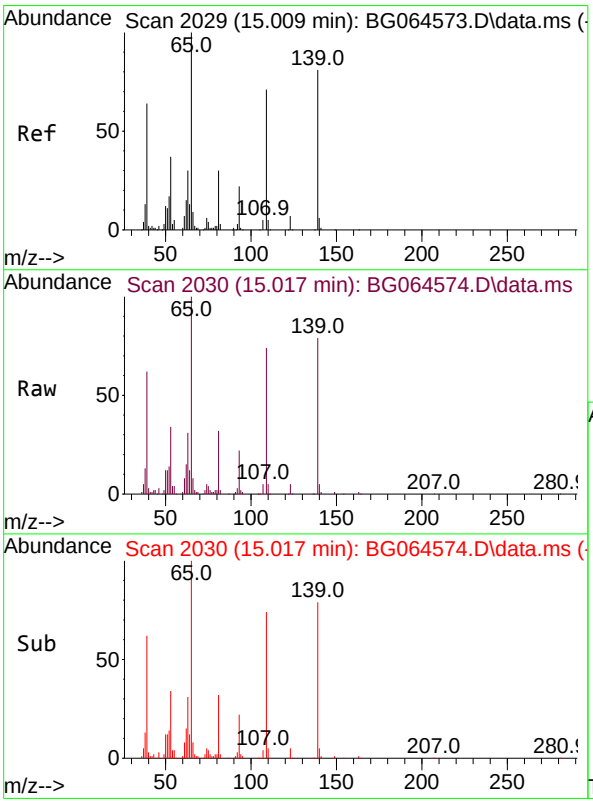
Ion	Ratio	Lower	Upper
168	100		
139	36.7	27.8	41.8
169	13.4	10.3	15.5



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

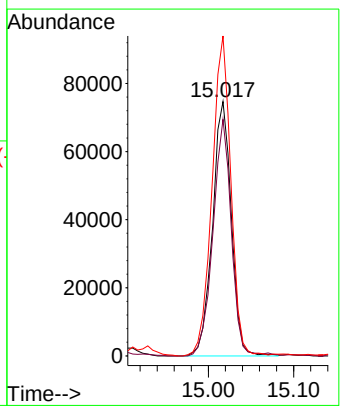
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

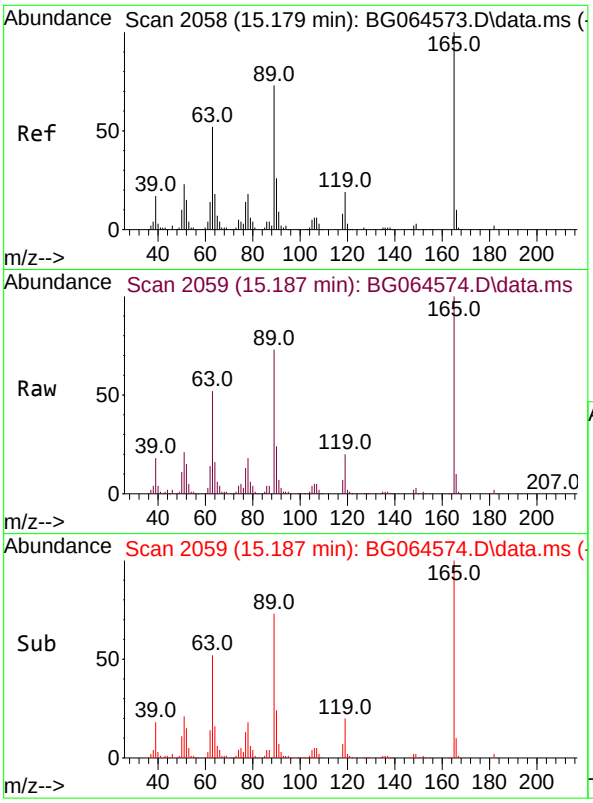


#56
4-Nitrophenol
Concen: 69.512 ng
RT: 15.017 min Scan# 2030
Delta R.T. 0.008 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:139 Resp: 114408

Ion	Ratio	Lower	Upper
139	100		
109	93.0	67.8	107.8
65	125.8	103.7	143.7

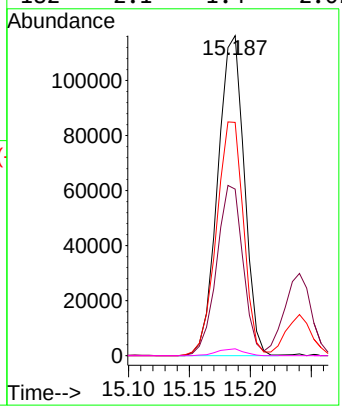




#57
2,4-Dinitrotoluene
Concen: 65.522 ng
RT: 15.187 min Scan# 2
Delta R.T. 0.008 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:165 Resp: 17580

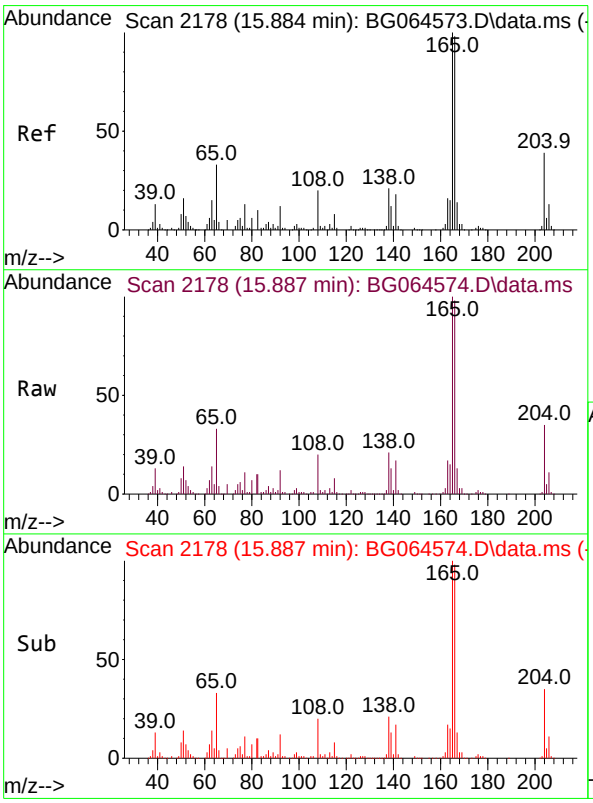
Ion	Ratio	Lower	Upper
165	100		
63	52.0	41.8	62.8
89	72.9	58.1	87.1
182	2.1	1.4	2.0#



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
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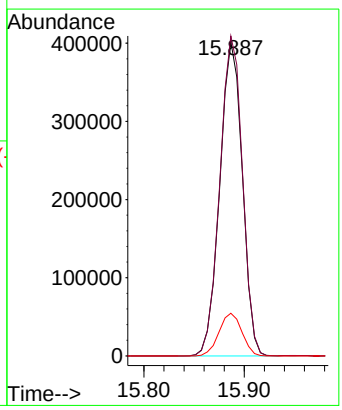
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

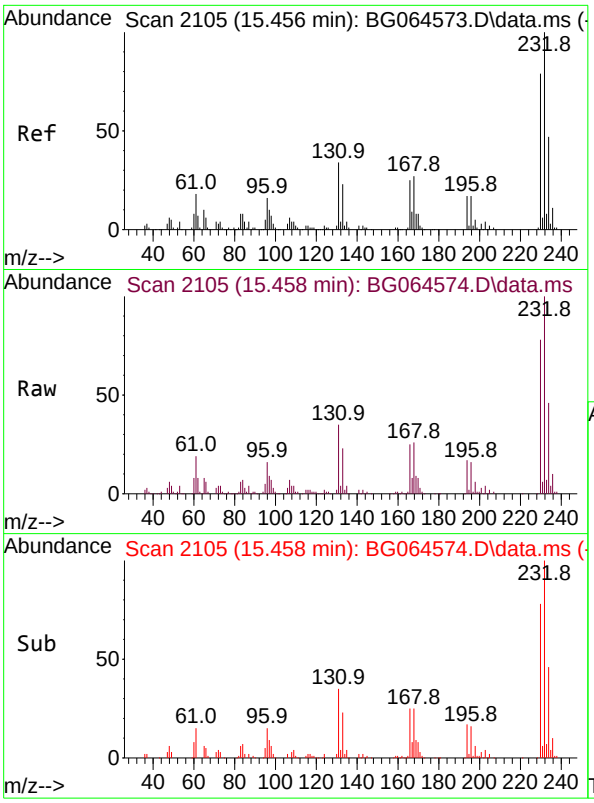


#58
Fluorene
Concen: 63.656 ng
RT: 15.887 min Scan# 2178
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:166 Resp: 627437

Ion	Ratio	Lower	Upper
166	100		
165	101.8	81.5	122.3
167	13.5	11.4	17.0

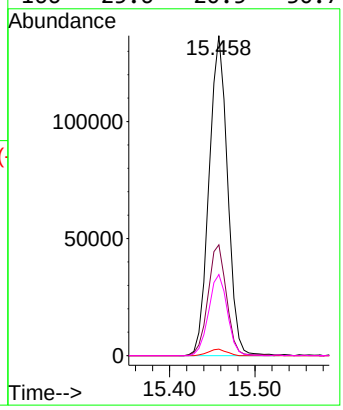




#59
2,3,4,6-Tetrachlorophenol
Concen: 71.870 ng
RT: 15.458 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:232 Resp: 20552

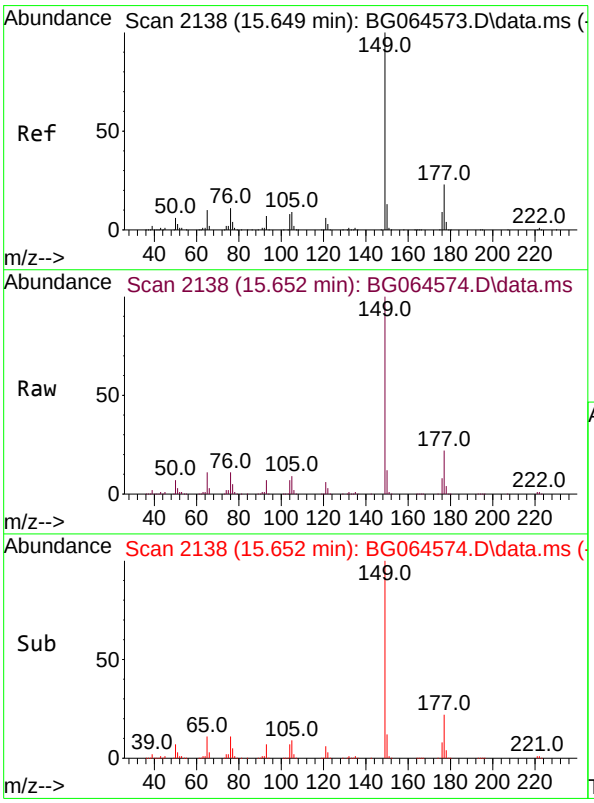
Ion	Ratio	Lower	Upper
232	100		
131	34.7	26.7	40.1
130	2.0	1.6	2.4
166	25.6	20.5	30.7



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
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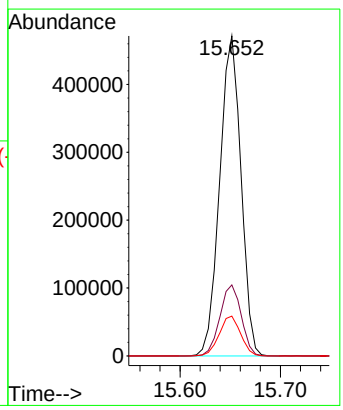
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

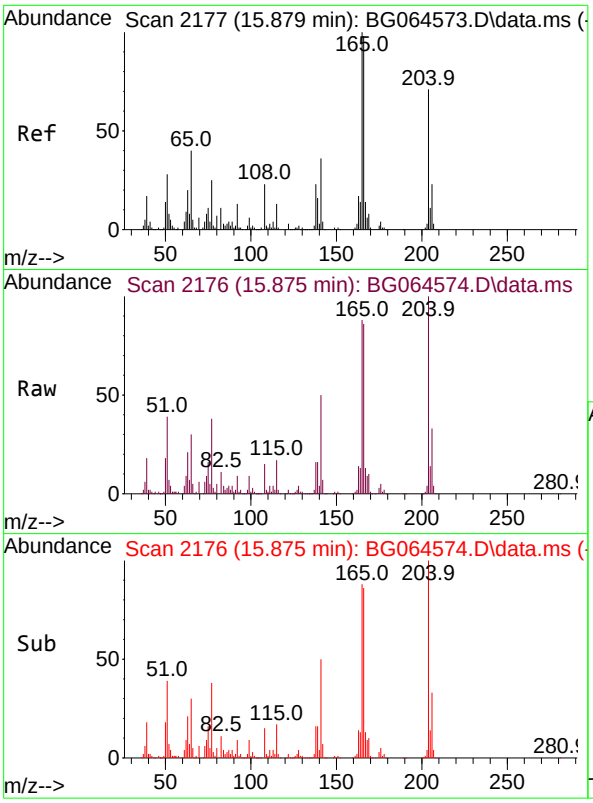


#60
Diethylphthalate
Concen: 65.982 ng
RT: 15.652 min Scan# 2138
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:149 Resp: 695924

Ion	Ratio	Lower	Upper
149	100		
177	22.2	18.0	27.0
150	12.4	10.2	15.4





#61
4-Chlorophenyl-phenylether
Concen: 65.038 ng
RT: 15.875 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

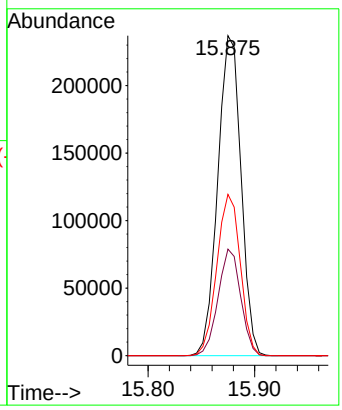
Tgt Ion:204 Resp: 359759

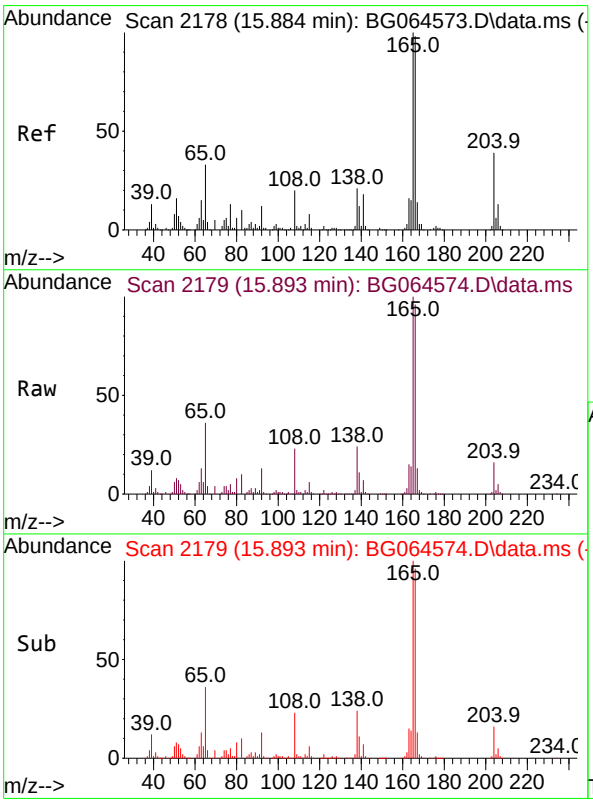
Ion	Ratio	Lower	Upper
204	100		
206	33.3	25.6	38.4
141	50.4	40.6	60.8

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

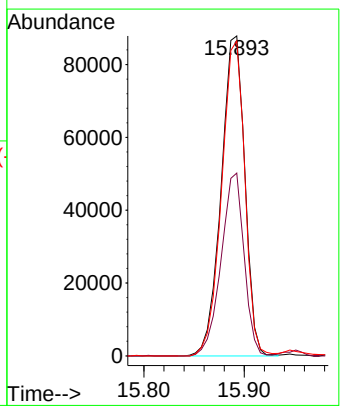


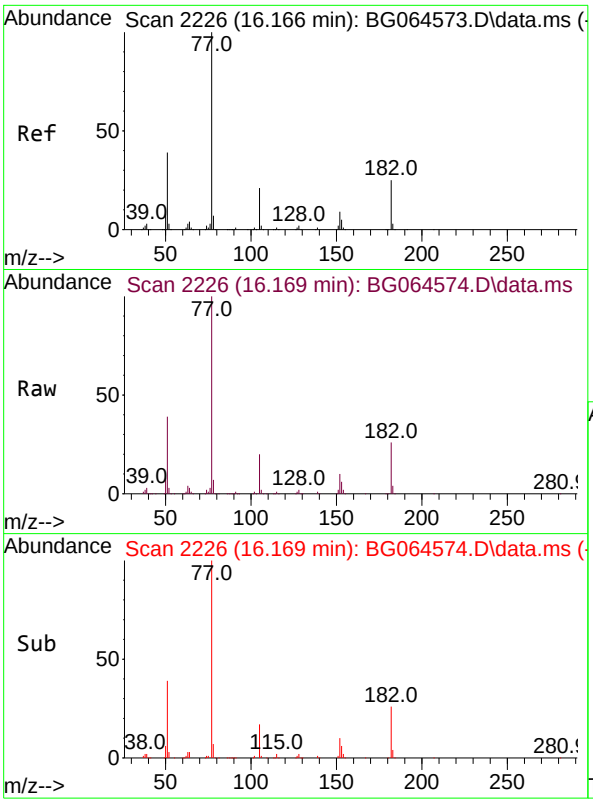


#62
4-Nitroaniline
Concen: 72.832 ng
RT: 15.893 min Scan# 2179
Delta R.T. 0.008 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:138 Resp: 143839

Ion	Ratio	Lower	Upper
138	100		
92	57.1	36.1	76.1
108	98.4	75.6	115.6

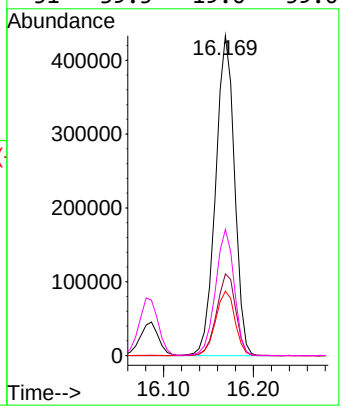




#63
Azobenzene
Concen: 65.464 ng
RT: 16.169 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion: 77 Resp: 63352

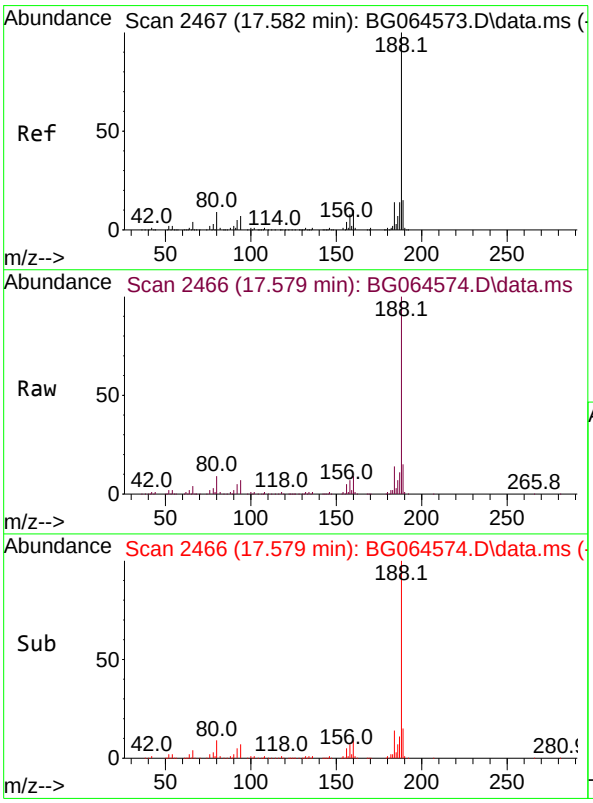
Ion	Ratio	Lower	Upper
77	100		
182	25.5	4.9	44.9
105	20.1	1.3	41.3
51	39.5	19.0	59.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
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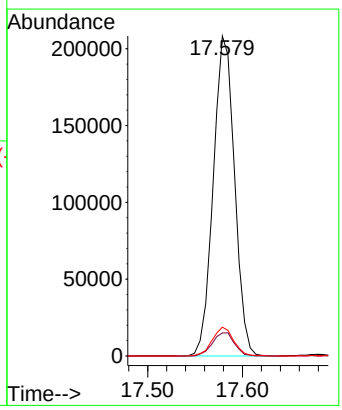
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

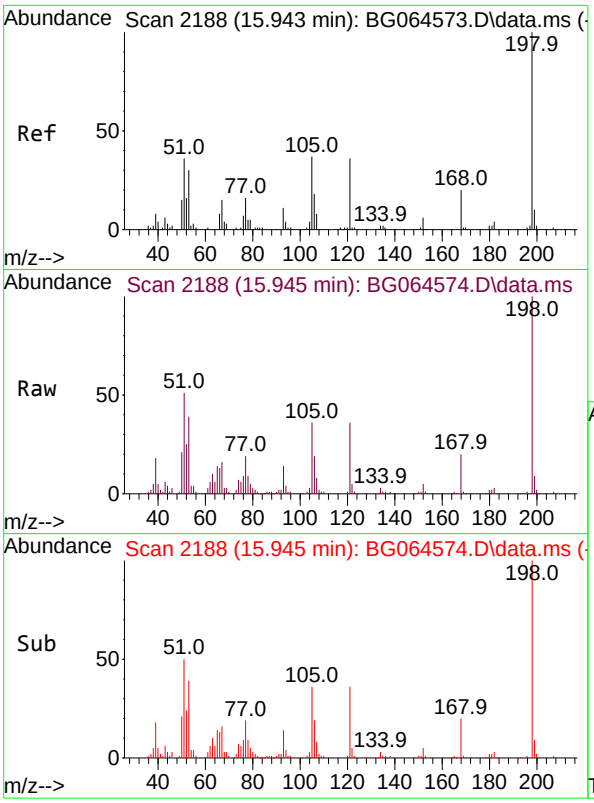


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.579 min Scan# 2466
Delta R.T. -0.004 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:188 Resp: 324385

Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.7	8.5
80	9.0	6.8	10.2

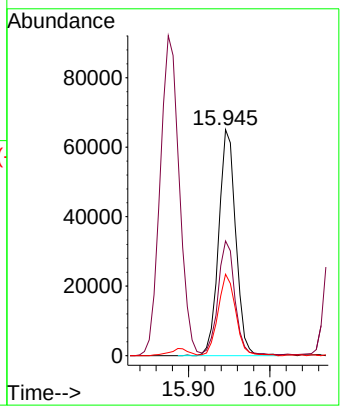




#65
4,6-Dinitro-2-methylphenol
Concen: 64.046 ng
RT: 15.945 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:198 Resp: 9433

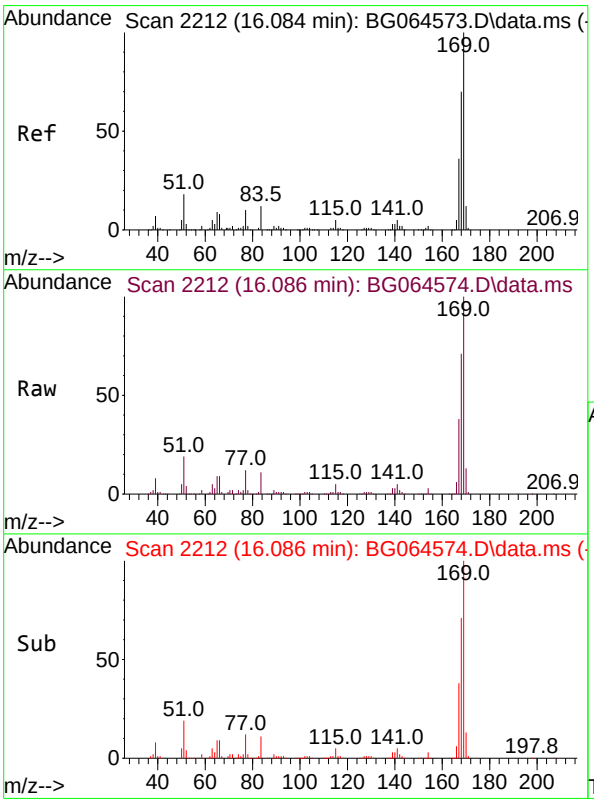
Ion	Ratio	Lower	Upper
198	100		
51	50.7	24.7	64.7
105	36.0	18.0	58.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
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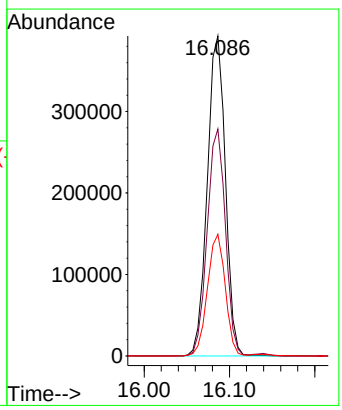
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

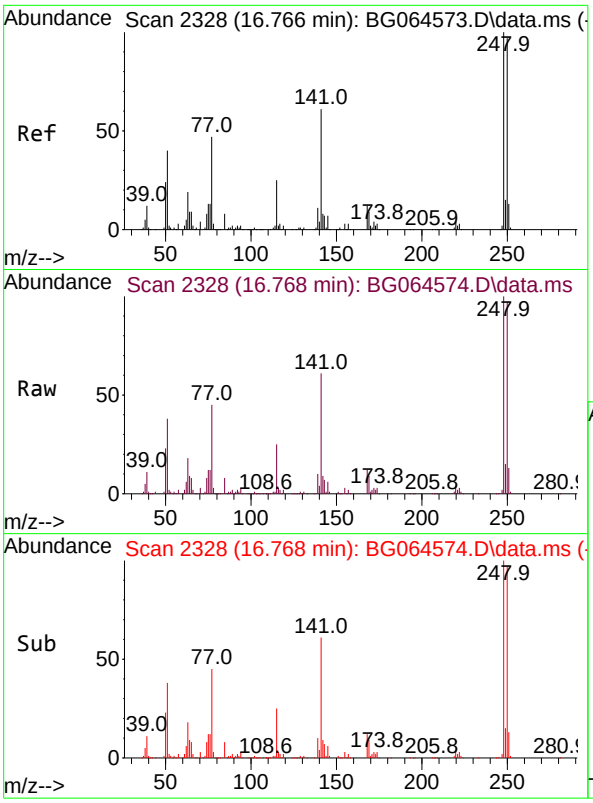


#66
n-Nitrosodiphenylamine
Concen: 65.944 ng
RT: 16.086 min Scan# 2212
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:169 Resp: 577835

Ion	Ratio	Lower	Upper
169	100		
168	70.9	56.3	84.5
167	38.0	29.0	43.6





#67
4-Bromophenyl-phenylether
Concen: 66.740 ng
RT: 16.768 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

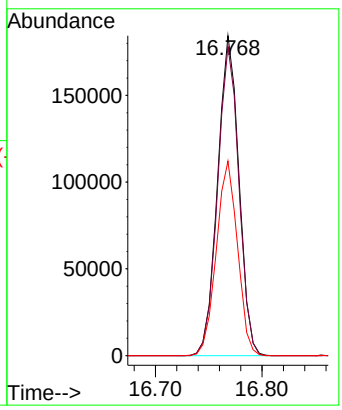
Tgt Ion:248 Resp: 25655

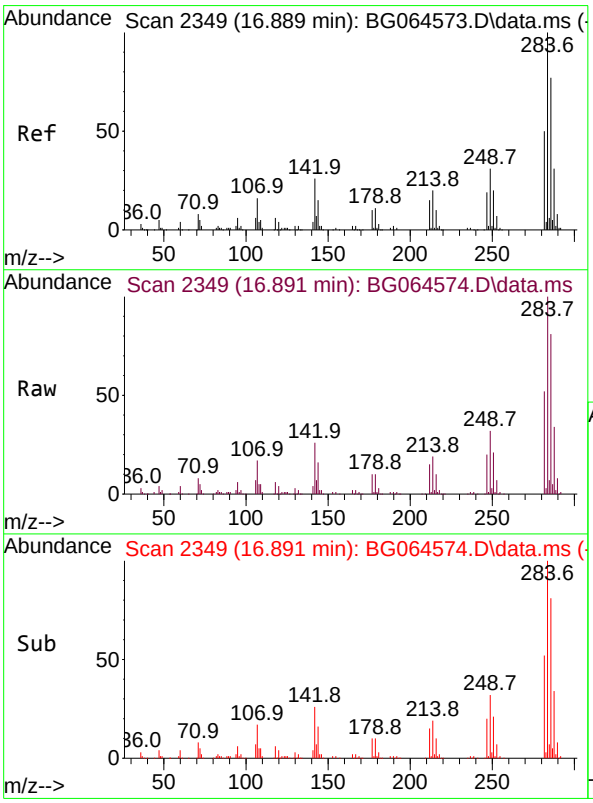
Ion	Ratio	Lower	Upper
248	100		
250	96.6	77.7	116.5
141	60.8	48.6	72.8

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

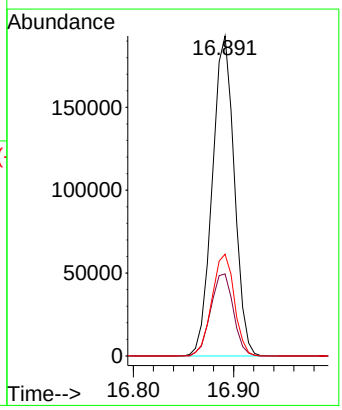


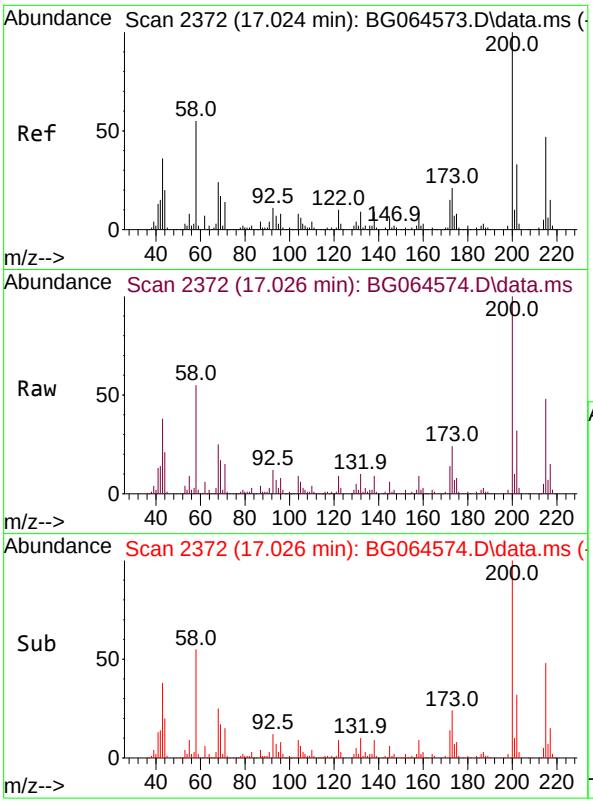


#68
Hexachlorobenzene
Concen: 67.001 ng
RT: 16.891 min Scan# 2349
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:284 Resp: 293831

Ion	Ratio	Lower	Upper
284	100		
142	25.6	21.0	31.6
249	34.5	24.9	37.3

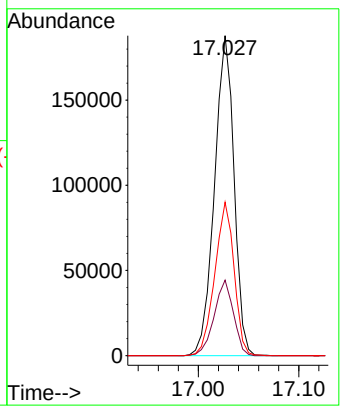




#69
Atrazine
Concen: 67.378 ng
RT: 17.026 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:200 Resp: 25407

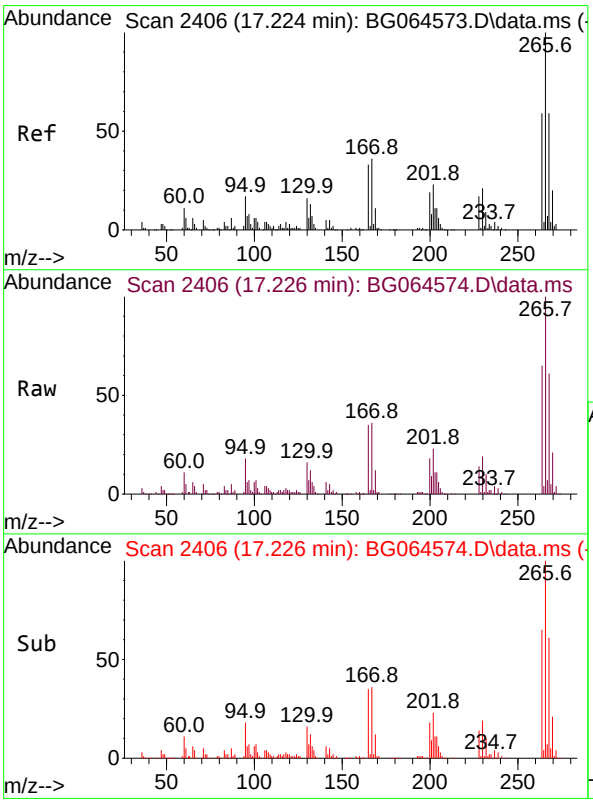
Ion	Ratio	Lower	Upper
200	100		
173	23.6	0.9	40.9
215	47.9	27.0	67.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

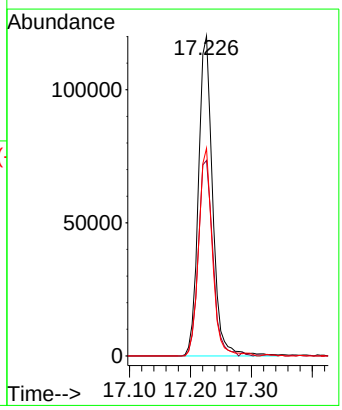
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

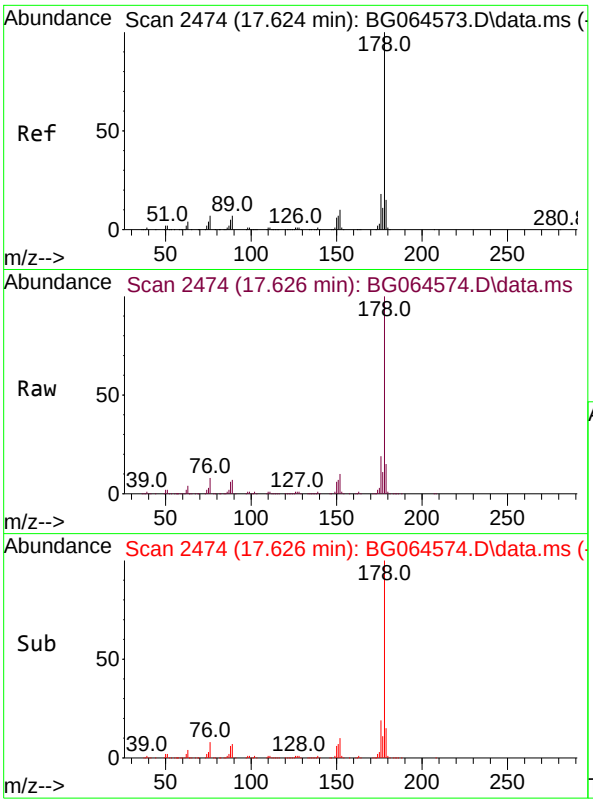


#70
Pentachlorophenol
Concen: 70.923 ng
RT: 17.226 min Scan# 2406
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:266 Resp: 193954

Ion	Ratio	Lower	Upper
266	100		
268	66.0	50.3	75.5
264	69.3	47.3	70.9

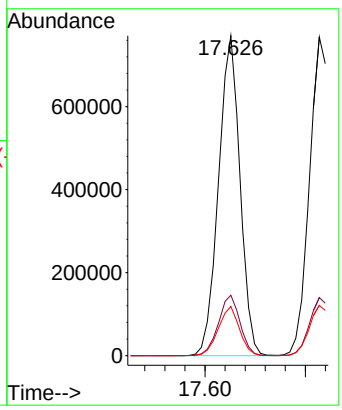




#71
Phenanthrene
Concen: 64.676 ng
RT: 17.626 min Scan# 24
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:178 Resp: 114731

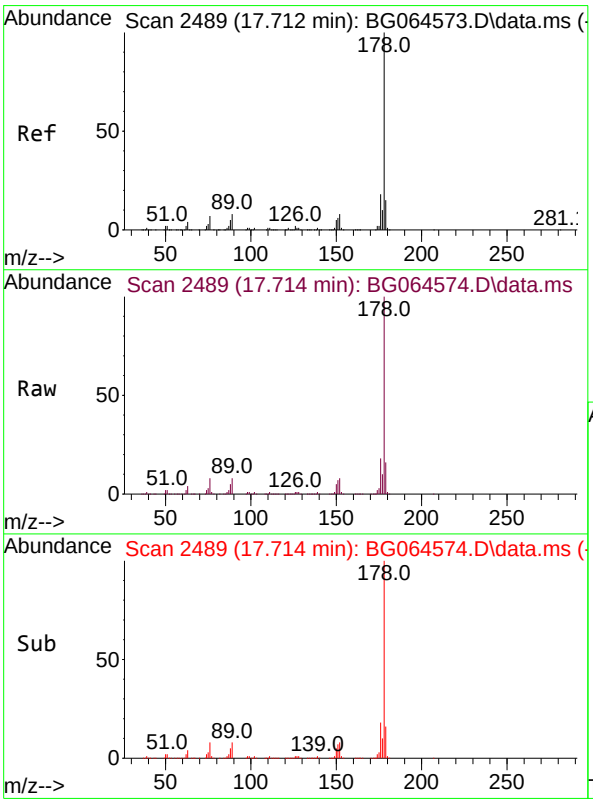
Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.7	22.1
179	15.4	12.2	18.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
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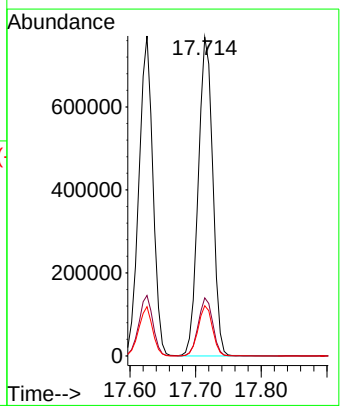
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

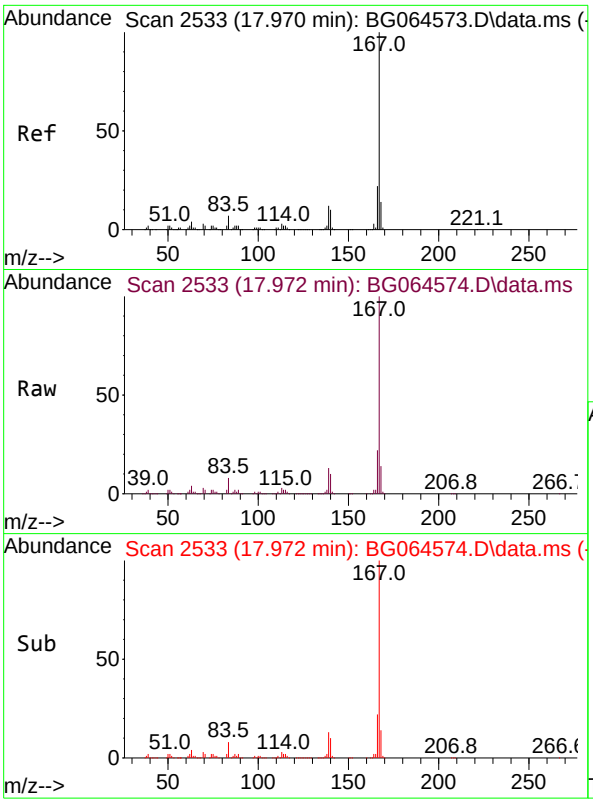


#72
Anthracene
Concen: 64.905 ng
RT: 17.714 min Scan# 2489
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:178 Resp: 1171223

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.4	21.6
179	15.8	12.4	18.6

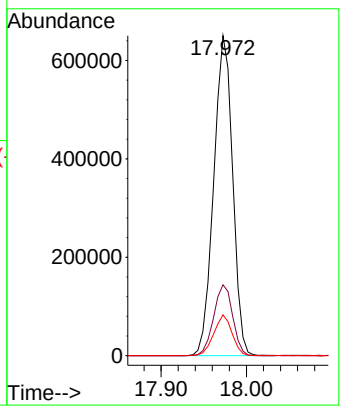




#73
Carbazole
Concen: 62.887 ng
RT: 17.972 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:167 Resp: 100068

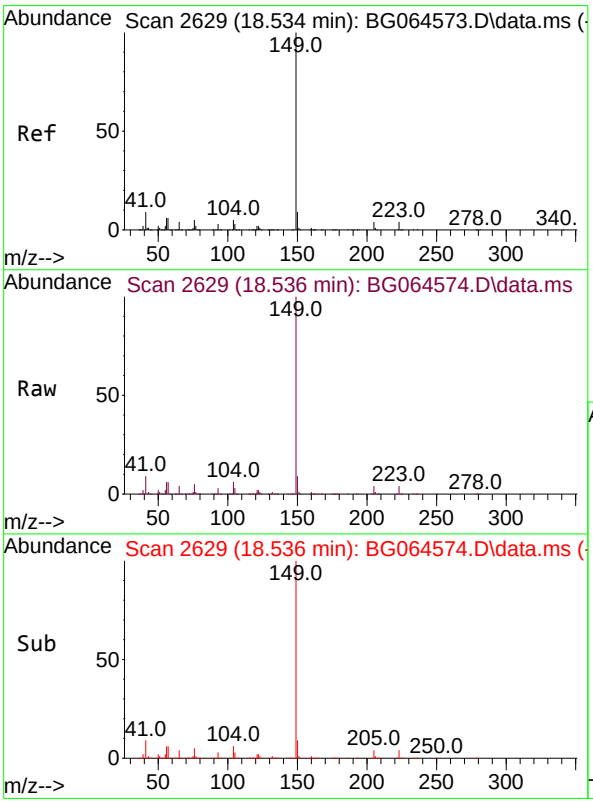
Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.9	26.9
139	12.7	9.7	14.5



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

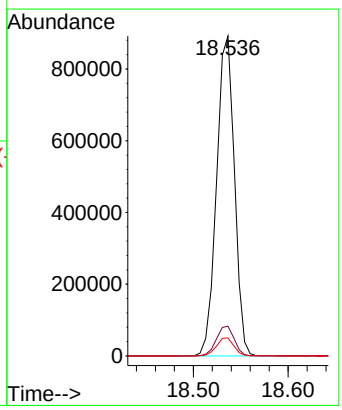
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

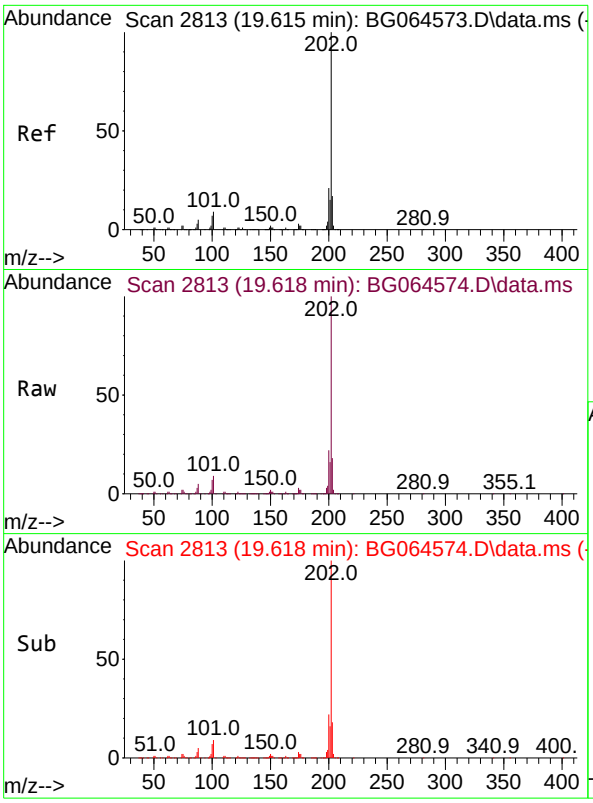


#74
Di-n-butylphthalate
Concen: 63.334 ng
RT: 18.536 min Scan# 2629
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:149 Resp: 1165396

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.0	10.6
104	5.6	4.1	6.1

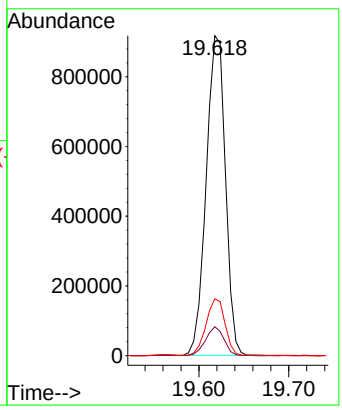




#75
Fluoranthene
Concen: 61.419 ng
RT: 19.618 min Scan# 28
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:202 Resp: 136489

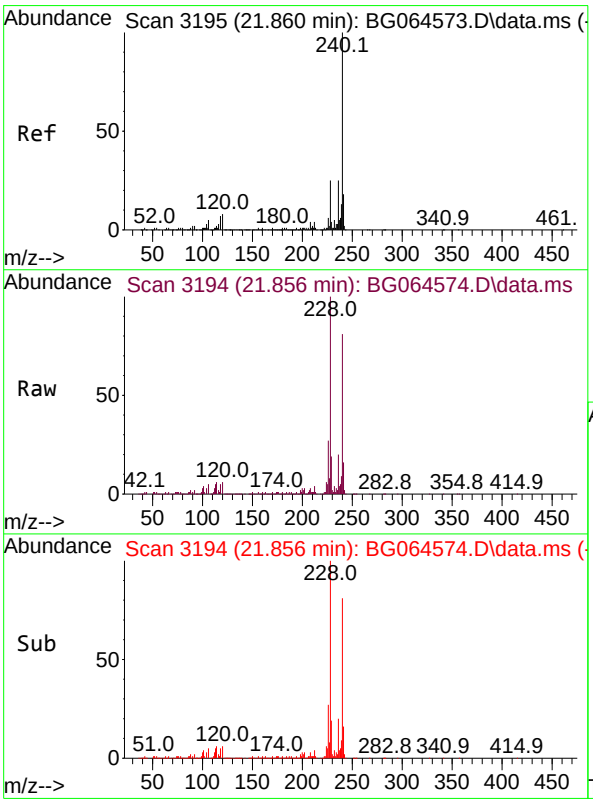
Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	28.7
203	17.8	0.0	37.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

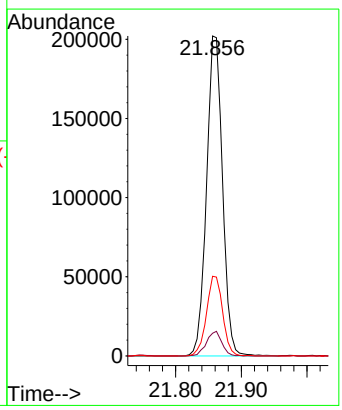
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

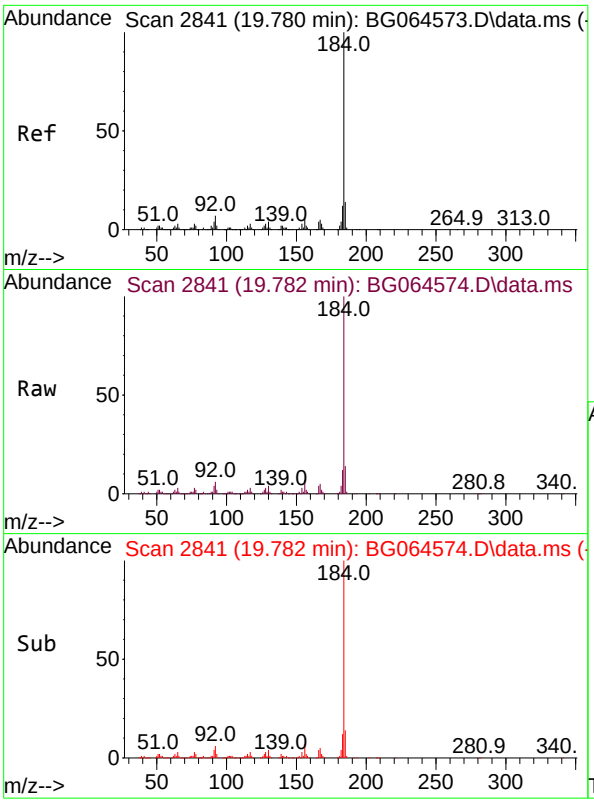


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.856 min Scan# 3194
Delta R.T. -0.004 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:240 Resp: 340896

Ion	Ratio	Lower	Upper
240	100		
120	7.1	6.5	9.7
236	24.9	20.2	30.2

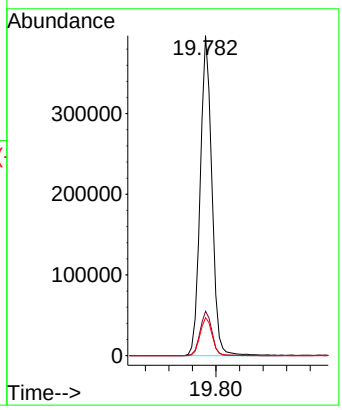




#77
Benzidine
Concen: 71.348 ng
RT: 19.782 min Scan# 28
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:184 Resp: 544918

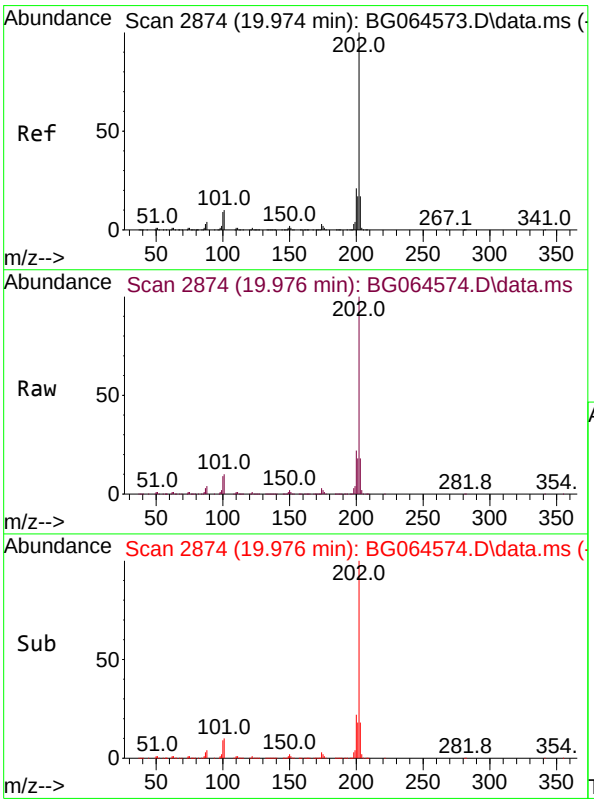
Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.4	17.2
183	11.8	9.4	14.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

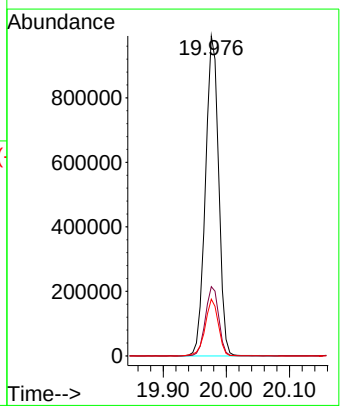
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

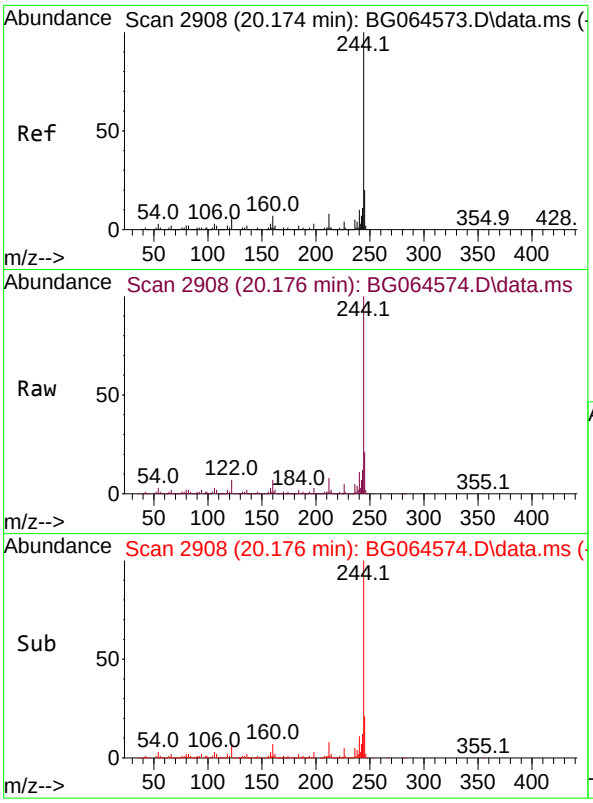


#78
Pyrene
Concen: 64.549 ng
RT: 19.976 min Scan# 2874
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:202 Resp: 1437669

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.0	25.4
203	17.7	13.8	20.6

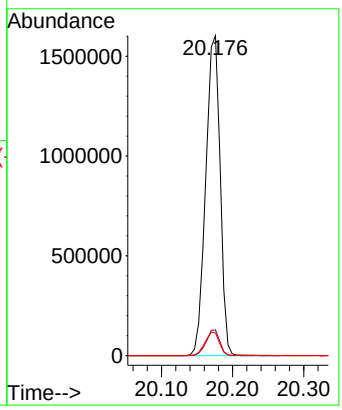




#79
Terphenyl-d14
Concen: 124.763 ng
RT: 20.176 min Scan# 29
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:244 Resp: 225370

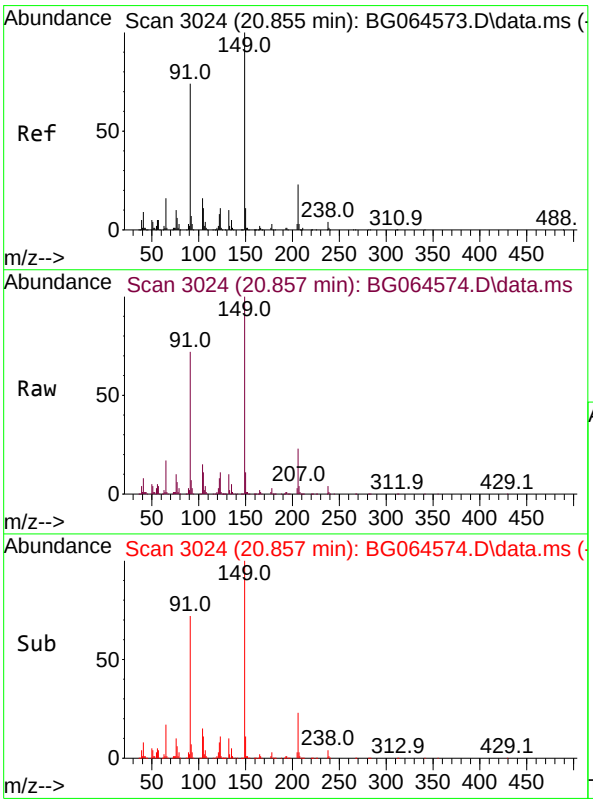
Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.1	9.1
122	7.1	5.6	8.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

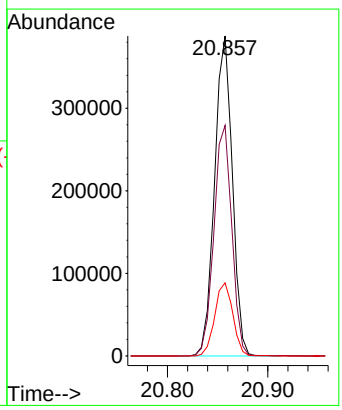
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

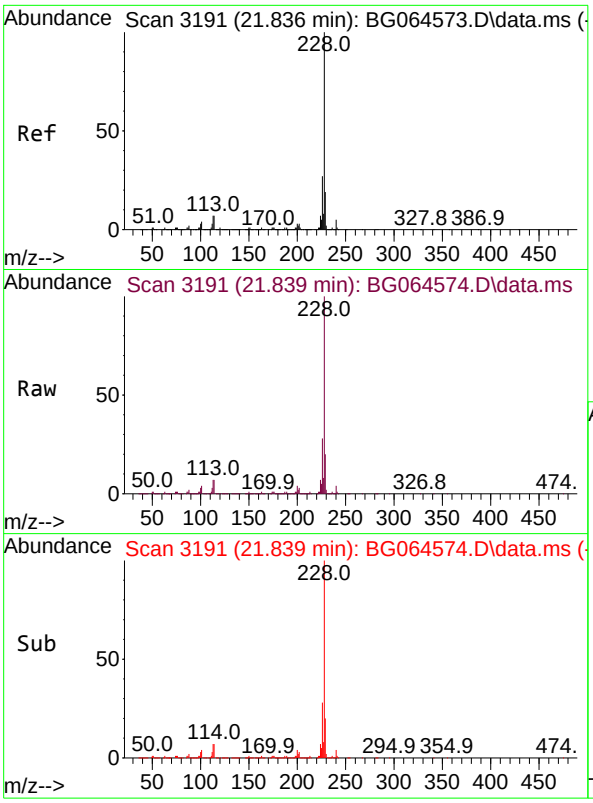


#80
Butylbenzylphthalate
Concen: 70.914 ng
RT: 20.857 min Scan# 3024
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:149 Resp: 477358

Ion	Ratio	Lower	Upper
149	100		
91	72.0	59.2	88.8
206	22.8	18.1	27.1

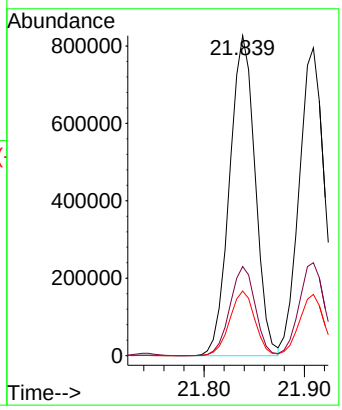




#81
Benzo(a)anthracene
Concen: 64.702 ng
RT: 21.839 min Scan# 3
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:228 Resp: 146248

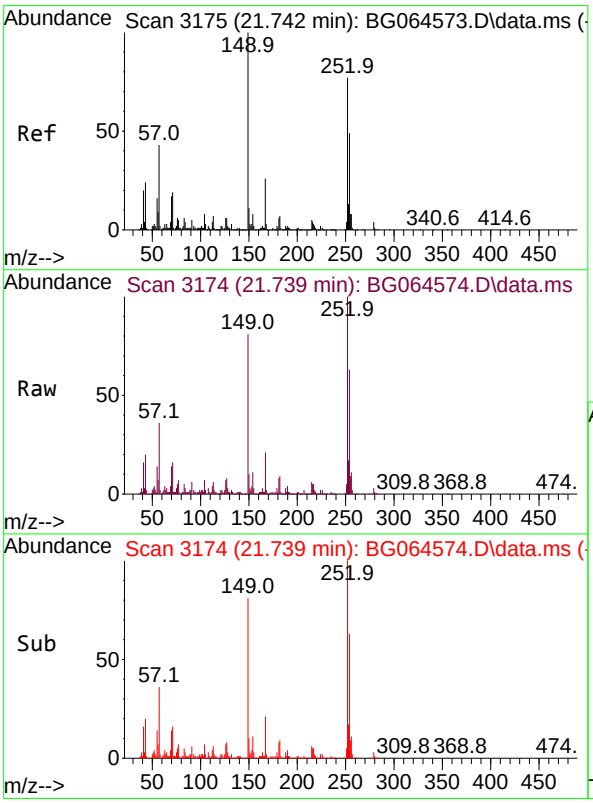
Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.9	32.9
229	20.2	15.6	23.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

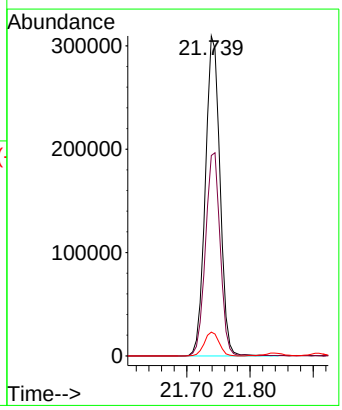
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

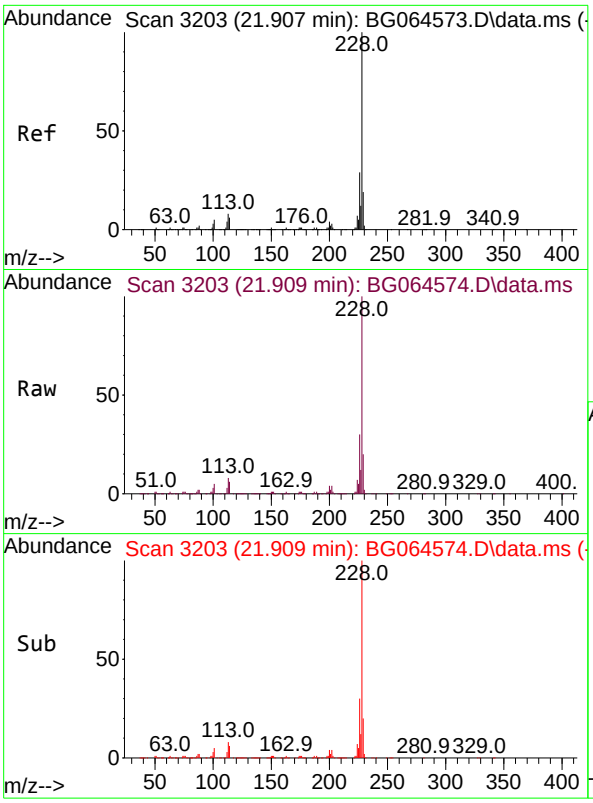


#82
3,3'-Dichlorobenzidine
Concen: 65.868 ng
RT: 21.739 min Scan# 3174
Delta R.T. -0.004 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:252 Resp: 497174

Ion	Ratio	Lower	Upper
252	100		
254	62.6	50.8	76.2
126	7.4	5.8	8.6

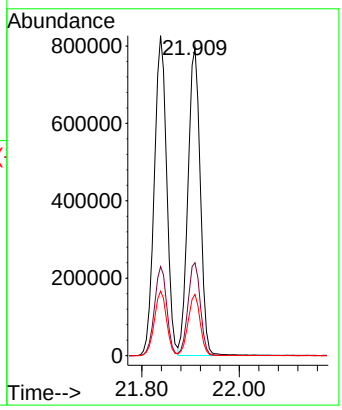




#83
Chrysene
Concen: 64.621 ng
RT: 21.909 min Scan# 3
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:228 Resp: 138982

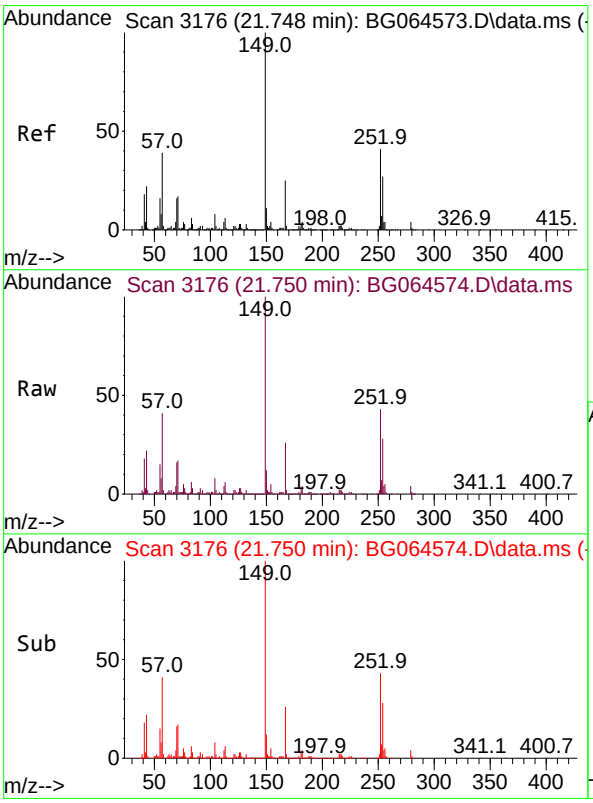
Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.3	34.9
229	19.9	15.2	22.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
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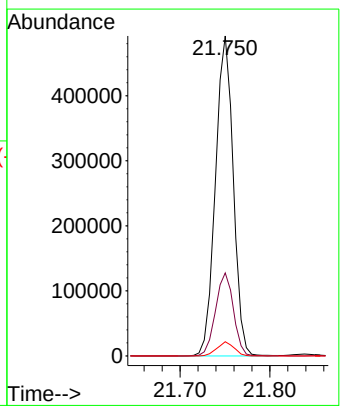
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

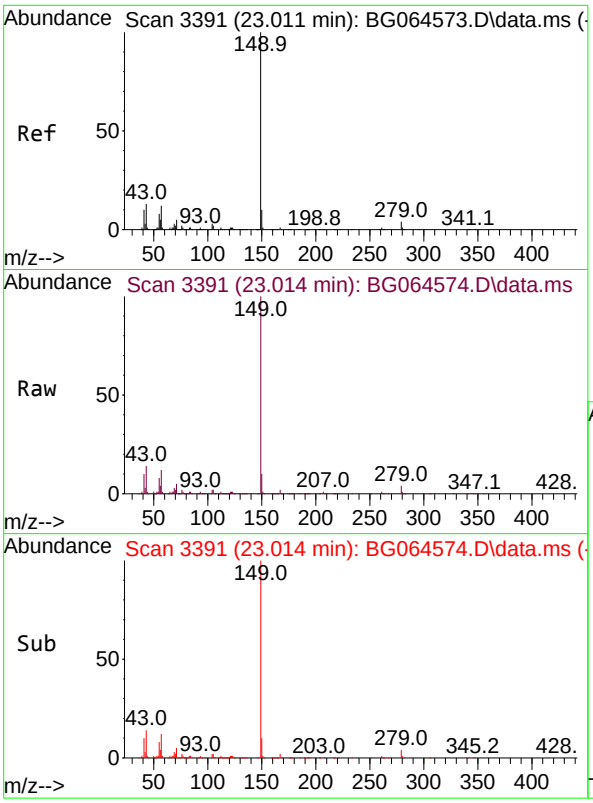


#84
Bis(2-ethylhexyl)phthalate
Concen: 67.768 ng
RT: 21.750 min Scan# 3176
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:149 Resp: 681649

Ion	Ratio	Lower	Upper
149	100		
167	25.9	20.0	30.0
279	4.4	3.1	4.7





#85
Di-n-octyl phthalate
Concen: 67.379 ng
RT: 23.014 min Scan# 3
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

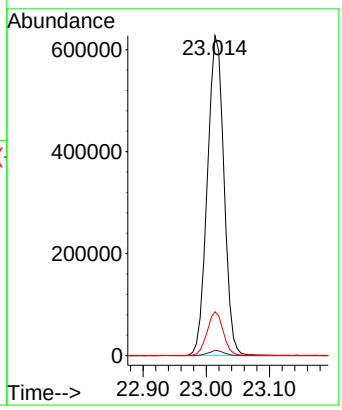
Tgt Ion:149 Resp: 114265

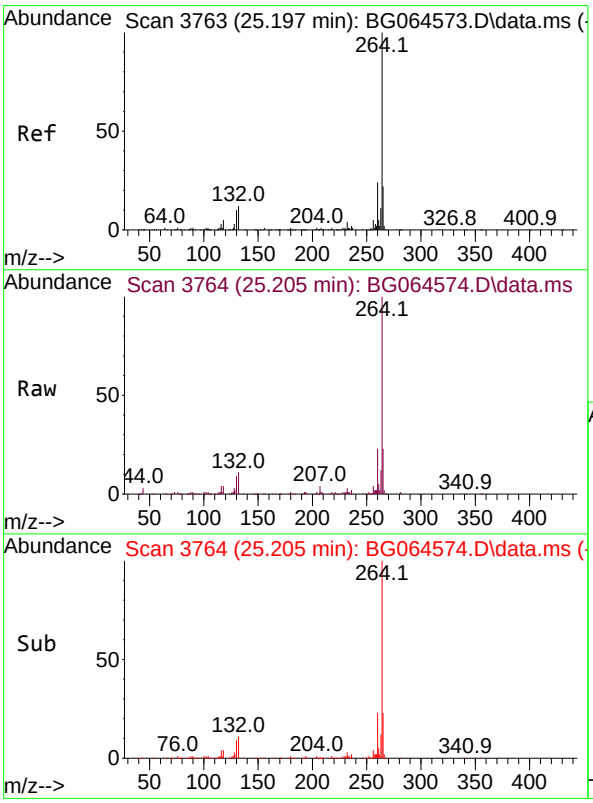
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	13.5	10.8	16.2

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

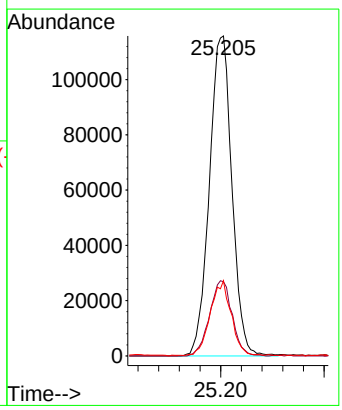


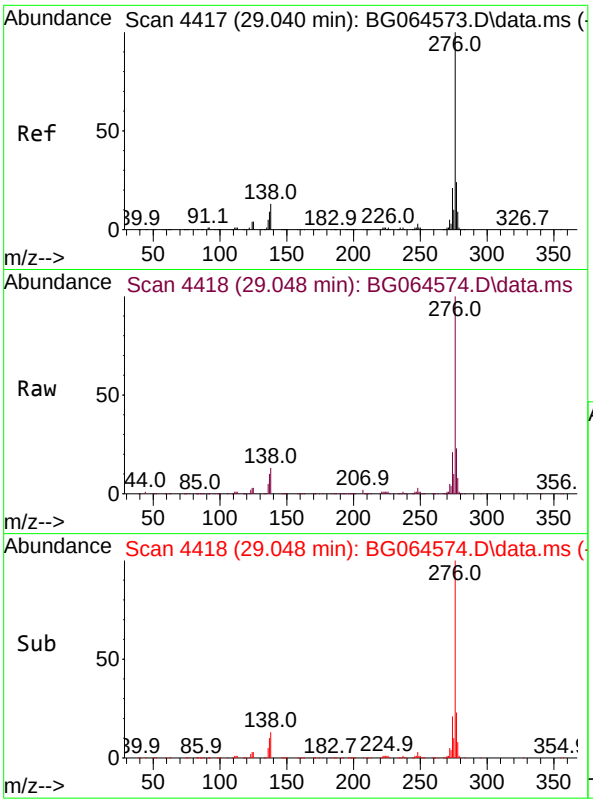


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.205 min Scan# 3764
Delta R.T. 0.008 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:264 Resp: 350916

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.0	28.4
265	23.5	17.6	26.4

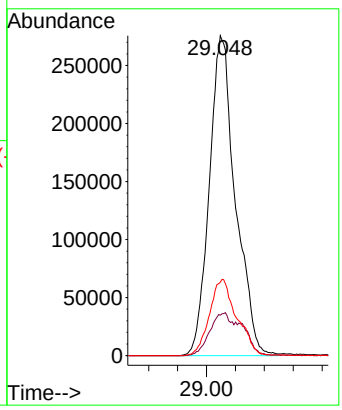




#87
Indeno(1,2,3-cd)pyrene
Concen: 66.979 ng
RT: 29.048 min Scan# 44
Delta R.T. 0.008 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:276 Resp: 172903

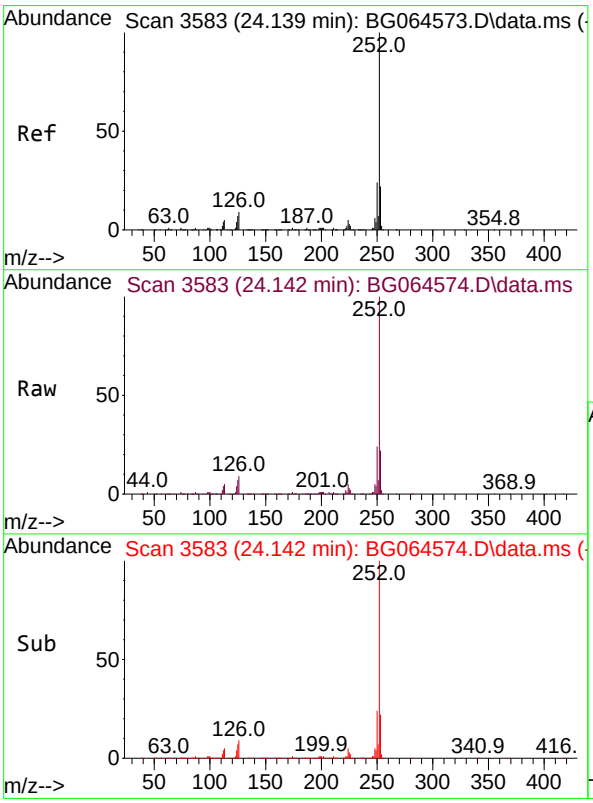
Ion	Ratio	Lower	Upper
276	100		
138	11.2	10.8	16.2
277	24.9	20.1	30.1



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

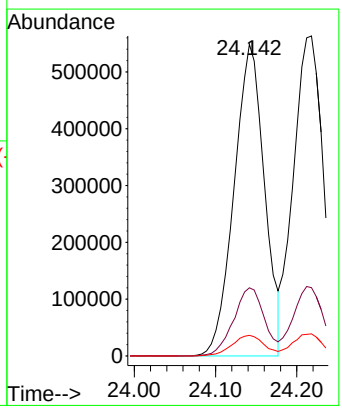
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

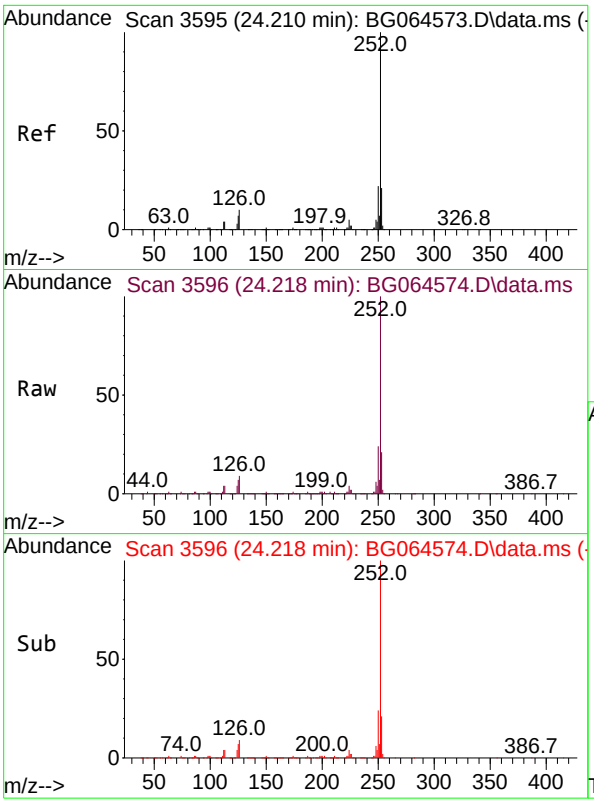


#88
Benzo(b)fluoranthene
Concen: 66.207 ng
RT: 24.142 min Scan# 3583
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:252 Resp: 1424640

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	6.6	5.6	8.4

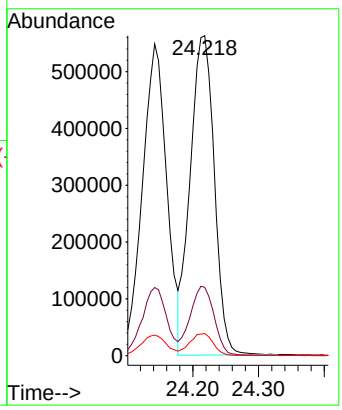




#89
Benzo(k)fluoranthene
Concen: 66.703 ng
RT: 24.218 min Scan# 3
Delta R.T. 0.008 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:252 Resp: 143631

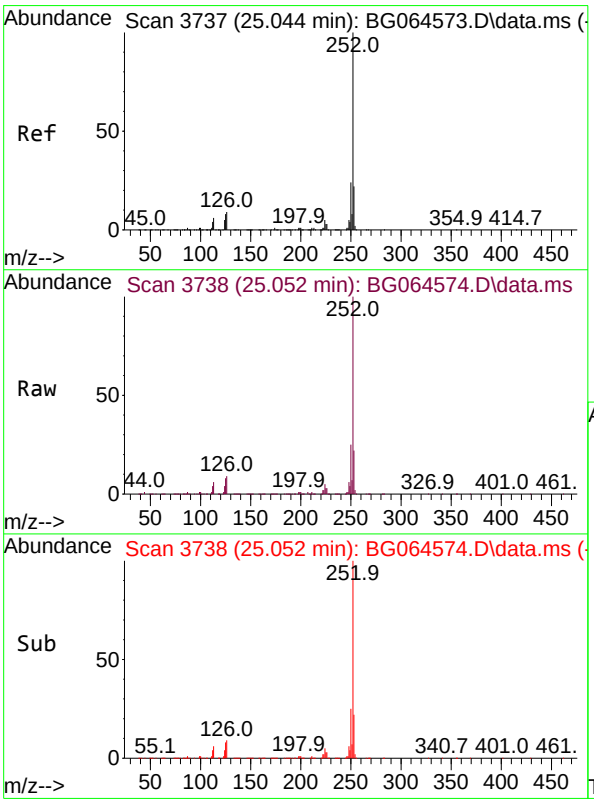
Ion	Ratio	Lower	Upper
252	100		
253	21.3	16.8	25.2
125	6.9	5.4	8.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

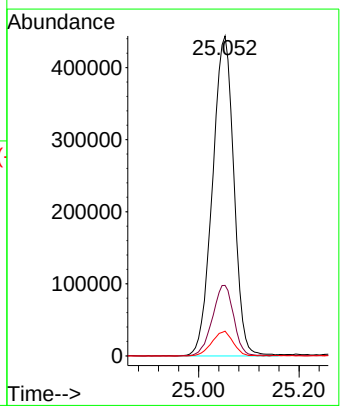
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

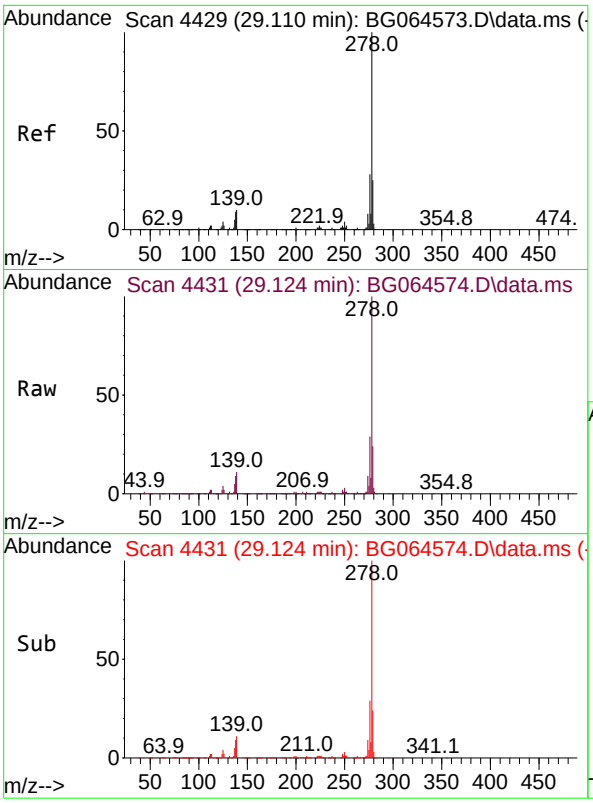


#90
Benzo(a)pyrene
Concen: 66.315 ng
RT: 25.052 min Scan# 3738
Delta R.T. 0.008 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:252 Resp: 1311701

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	7.7	6.1	9.1

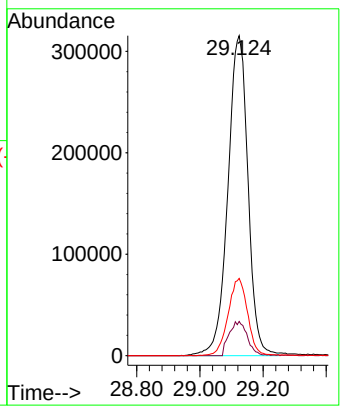




#91
Dibenzo(a,h)anthracene
Concen: 66.479 ng
RT: 29.124 min Scan# 44
Delta R.T. 0.014 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:278 Resp: 139423

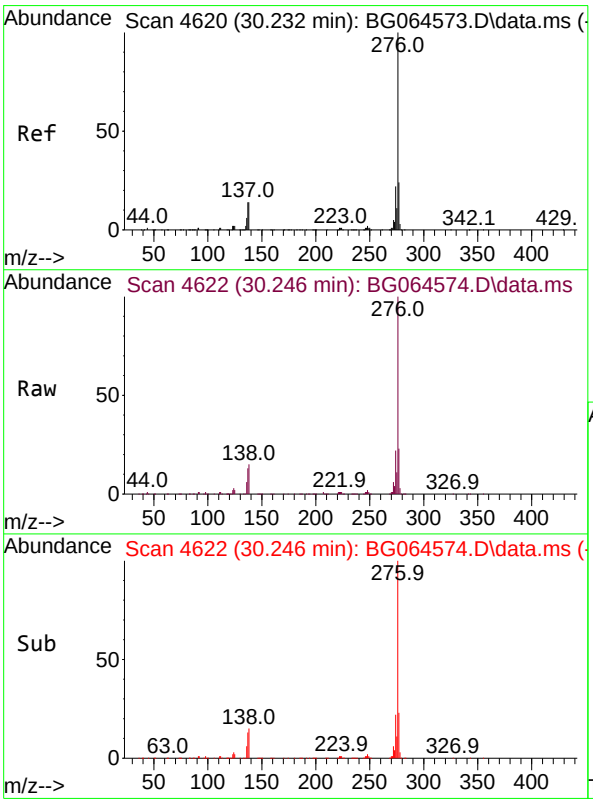
Ion	Ratio	Lower	Upper
278	100		
139	10.7	8.0	12.0
279	24.1	19.8	29.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

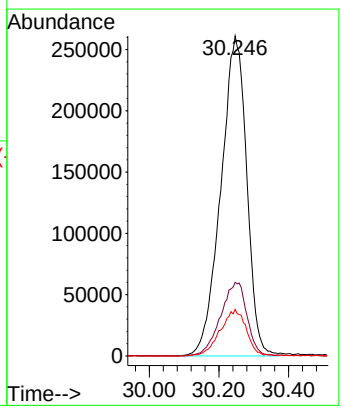
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#92
Benzo(g,h,i)perylene
Concen: 67.253 ng
RT: 30.246 min Scan# 4622
Delta R.T. 0.014 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:276 Resp: 1347382

Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.1	28.7
138	14.5	11.3	16.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064575.D
Acq On : 24 Oct 2025 14:24
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 03 18:02:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 17:56:56 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.221	152	45466	20.000	ng		0.00
21) Naphthalene-d8	11.053	136	179569	20.000	ng		0.00
39) Acenaphthene-d10	14.842	164	133797	20.000	ng		0.00
64) Phenanthrene-d10	17.580	188	333421	20.000	ng		0.00
76) Chrysene-d12	21.863	240	363291	20.000	ng		0.00
86) Perylene-d12	25.201	264	382372	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.747	112	411587	151.948	ng		0.00
7) Phenol-d6	7.357	99	554287	149.124	ng		0.00
23) Nitrobenzene-d5	9.390	82	511341	171.034	ng		0.00
42) 2,4,6-Tribromophenol	16.323	330	328066	169.886	ng		0.00
45) 2-Fluorobiphenyl	13.479	172	1314892	148.960	ng		0.00
79) Terphenyl-d14	20.177	244	2697491	140.125	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.591	88	83655	69.757	ng		99
3) Pyridine	3.996	79	259519	72.062	ng		96
4) n-Nitrosodimethylamine	3.908	42	141185	73.105	ng		99
6) Aniline	7.533	93	364528	72.073	ng		99
8) 2-Chlorophenol	7.780	128	221112	77.988	ng		99
9) Benzaldehyde	7.339	77	120456	59.361	ng		94
10) Phenol	7.386	94	307886	74.900	ng		98
11) bis(2-Chloroethyl)ether	7.627	93	217960	72.119	ng		96
12) 1,3-Dichlorobenzene	8.109	146	236208	72.385	ng		98
13) 1,4-Dichlorobenzene	8.256	146	240570	72.502	ng		97
14) 1,2-Dichlorobenzene	8.579	146	233326	72.905	ng		98
15) Benzyl Alcohol	8.456	79	233374	76.140	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.743	45	573671	72.364	ng		99
17) 2-Methylphenol	8.649	107	203667	74.625	ng		97
18) Hexachloroethane	9.325	117	87876	75.469	ng		98
19) n-Nitroso-di-n-propyla...	9.031	70	192155	74.804	ng		99
20) 3+4-Methylphenols	8.984	107	285690	74.434	ng		98
22) Acetophenone	9.049	105	365265	74.412	ng	#	99
24) Nitrobenzene	9.431	77	273231	84.025	ng		97
25) Isophorone	9.966	82	539122	75.150	ng		100
26) 2-Nitrophenol	10.148	139	103090	79.938	ng		94
27) 2,4-Dimethylphenol	10.195	122	208054	77.967	ng		97
28) bis(2-Chloroethoxy)met...	10.436	93	299758	73.388	ng		99
29) 2,4-Dichlorophenol	10.682	162	231256	80.526	ng		97
30) 1,2,4-Trichlorobenzene	10.906	180	250883	76.888	ng		97
31) Naphthalene	11.100	128	744985	74.828	ng		99
32) Benzoic acid	10.342	122	169962m	77.917	ng		
33) 4-Chloroaniline	11.188	127	290611	75.100	ng		98
34) Hexachlorobutadiene	11.393	225	196140	76.863	ng		99
35) Caprolactam	11.975	113	83266	75.596	ng		93
36) 4-Chloro-3-methylphenol	12.298	107	265909	77.031	ng		99
37) 2-Methylnaphthalene	12.692	142	542132	74.168	ng		99
38) 1-Methylnaphthalene	12.909	142	527717	72.945	ng		98
40) 1,2,4,5-Tetrachloroben...	13.056	216	351719	78.328	ng		99
41) Hexachlorocyclopentadiene	13.038	237	163461	80.876	ng		99
43) 2,4,6-Trichlorophenol	13.279	196	218318	84.998	ng		98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064575.D
Acq On : 24 Oct 2025 14:24
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

Quant Time: Nov 03 18:02:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 17:56:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.350	196	243241	82.064	ng		99
46) 1,1'-Biphenyl	13.685	154	713186	74.977	ng		100
47) 2-Chloronaphthalene	13.732	162	547242	76.218	ng		99
48) 2-Nitroaniline	13.914	65	196580	79.301	ng		95
49) Acenaphthylene	14.566	152	858511	75.806	ng		99
50) Dimethylphthalate	14.290	163	782708	76.450	ng		98
51) 2,6-Dinitrotoluene	14.402	165	135769	78.216	ng		98
52) Acenaphthene	14.913	154	589213	76.150	ng		99
53) 3-Nitroaniline	14.731	138	159072	90.409	ng		96
54) 2,4-Dinitrophenol	14.930	184	82655	79.755	ng	#	65
55) Dibenzofuran	15.242	168	923386	73.816	ng		99
56) 4-Nitrophenol	15.018	139	142966	87.640	ng		98
57) 2,4-Dinitrotoluene	15.189	165	212164	79.117	ng		96
58) Fluorene	15.888	166	711212	72.801	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.459	232	240094	84.708	ng		99
60) Diethylphthalate	15.653	149	803621	76.874	ng		100
61) 4-Chlorophenyl-phenyle...	15.876	204	408239	74.463	ng		99
62) 4-Nitroaniline	15.894	138	173159	88.462	ng		96
63) Azobenzene	16.170	77	723988	75.482	ng		99
65) 4,6-Dinitro-2-methylph...	15.947	198	124101	80.450	ng		95
66) n-Nitrosodiphenylamine	16.088	169	666665	74.020	ng		98
67) 4-Bromophenyl-phenylether	16.769	248	299348	75.762	ng		99
68) Hexachlorobenzene	16.893	284	341338	75.724	ng		96
69) Atrazine	17.028	200	281950	72.745	ng		97
70) Pentachlorophenol	17.228	266	235472	83.771	ng		93
71) Phenanthrene	17.627	178	1340610	73.525	ng		99
72) Anthracene	17.715	178	1367044	73.704	ng		99
73) Carbazole	17.974	167	1195960	73.122	ng		99
74) Di-n-butylphthalate	18.538	149	1433446	75.790	ng		100
75) Fluoranthene	19.619	202	1663673	72.835	ng		98
77) Benzidine	19.783	184	556525	68.376	ng		98
78) Pyrene	19.977	202	1737788	73.215	ng		99
80) Butylbenzylphthalate	20.859	149	595333	82.988	ng		98
81) Benzo(a)anthracene	21.840	228	1805628	74.959	ng		99
82) 3,3'-Dichlorobenzidine	21.740	252	615546	76.524	ng		99
83) Chrysene	21.910	228	1704533	74.368	ng		97
84) Bis(2-ethylhexyl)phtha...	21.752	149	854027	79.672	ng		98
85) Di-n-octyl phthalate	23.015	149	1432956	79.289	ng		100
87) Indeno(1,2,3-cd)pyrene	29.061	276	2156428	76.663	ng		98
88) Benzo(b)fluoranthene	24.143	252	1810094	77.199	ng		99
89) Benzo(k)fluoranthene	24.219	252	1757758	74.916	ng		98
90) Benzo(a)pyrene	25.060	252	1649779	76.546	ng		99
91) Dibenzo(a,h)anthracene	29.137	278	1747890	76.486	ng		98
92) Benzo(g,h,i)perylene	30.265	276	1669976	76.498	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

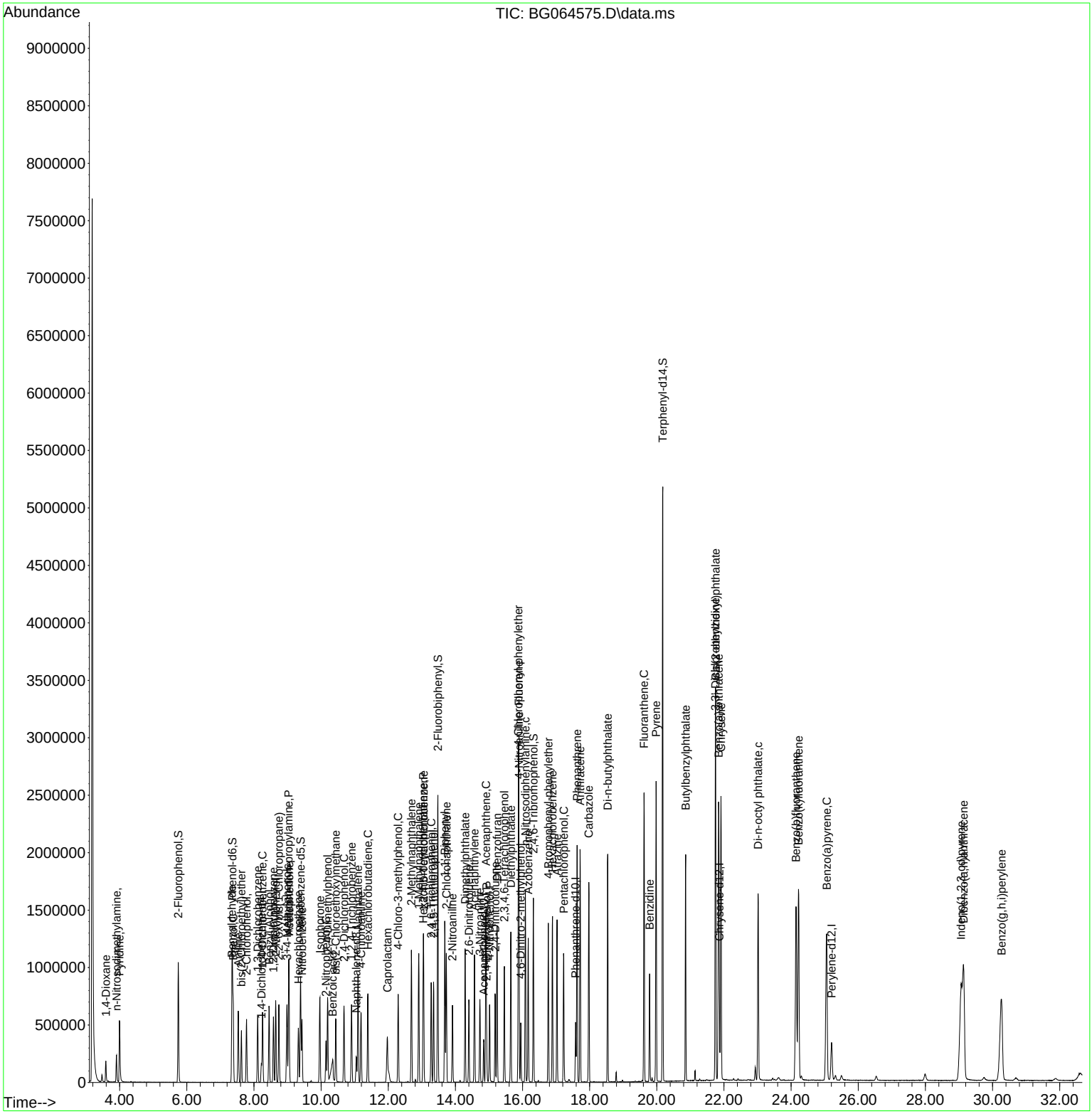
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064575.D
Acq On : 24 Oct 2025 14:24
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

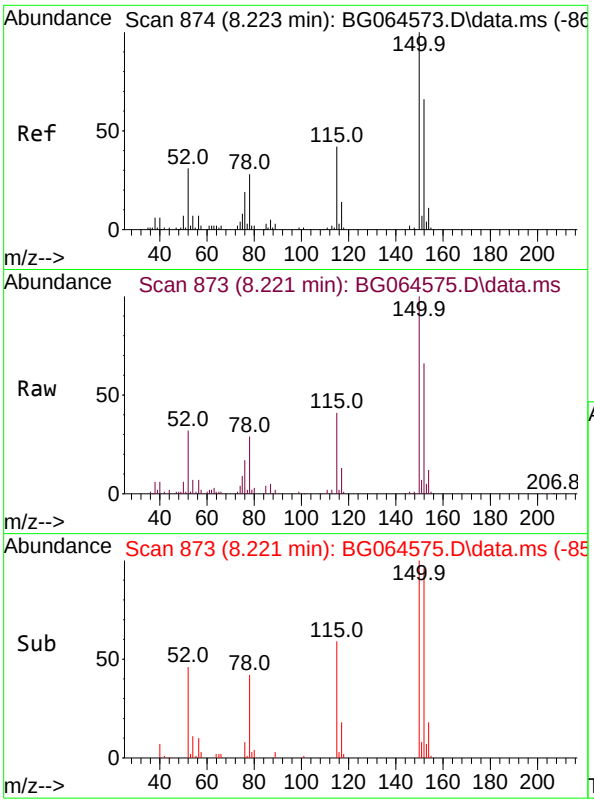
Quant Time: Nov 03 18:02:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 17:56:56 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

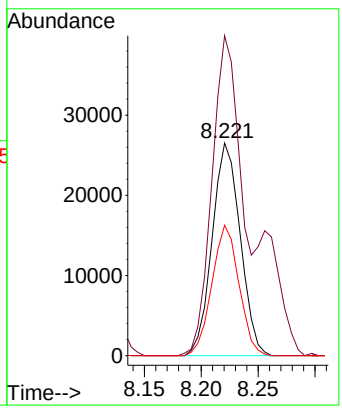




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.221 min Scan# 8
Delta R.T. -0.002 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:152 Resp: 4546

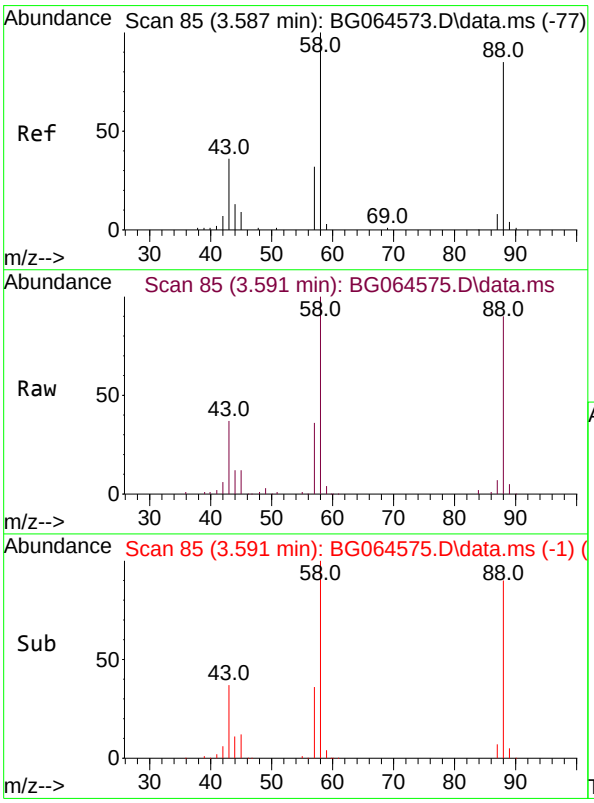
Ion	Ratio	Lower	Upper
152	100		
150	150.5	122.2	183.4
115	61.3	50.8	76.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

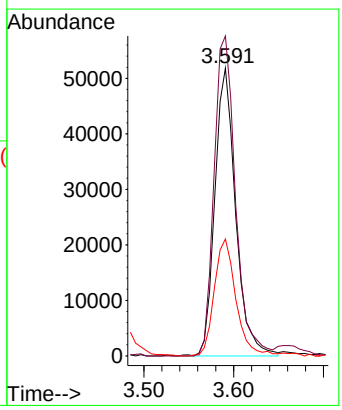
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

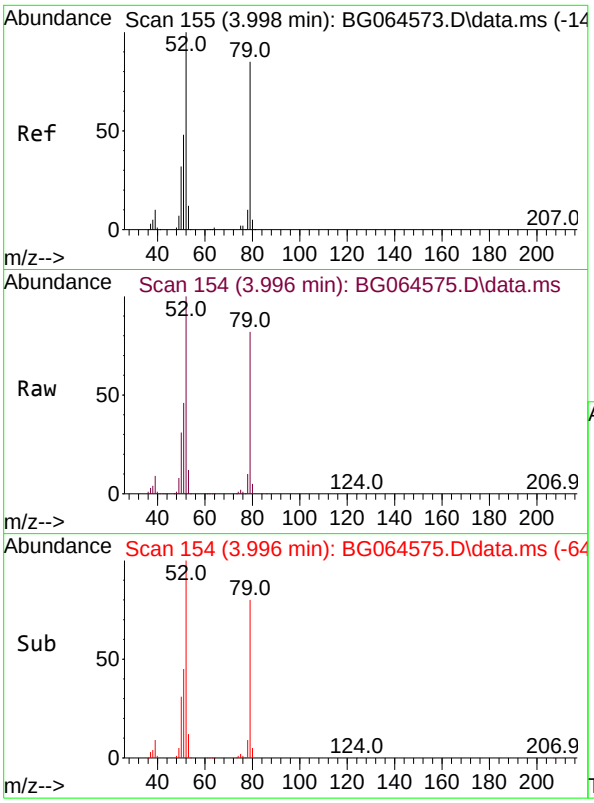


#2
1,4-Dioxane
Concen: 69.757 ng
RT: 3.591 min Scan# 85
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion: 88 Resp: 83655

Ion	Ratio	Lower	Upper
88	100		
58	114.3	92.4	138.6
43	42.2	33.0	49.6

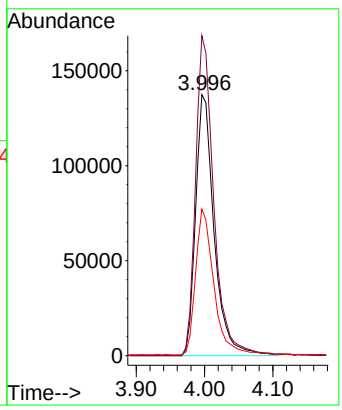




#3
Pyridine
Concen: 72.062 ng
RT: 3.996 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion: 79 Resp: 25951

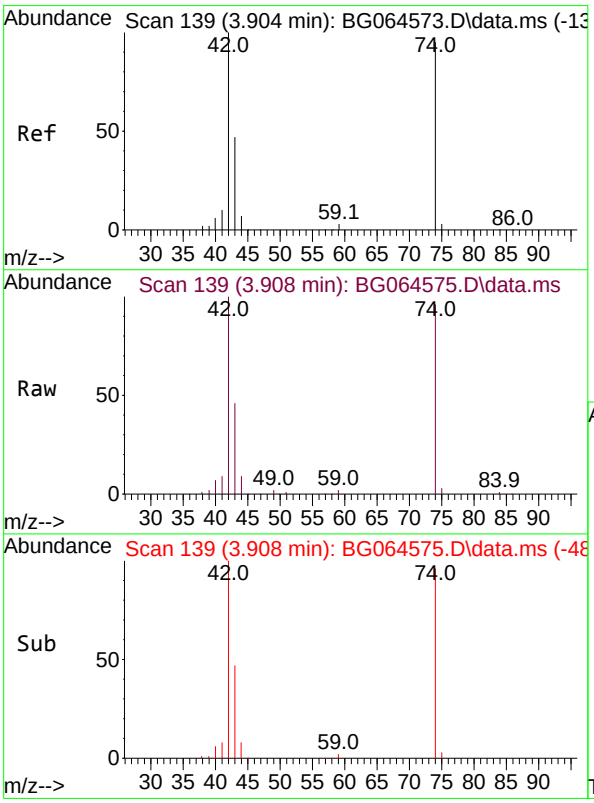
Ion	Ratio	Lower	Upper
79	100		
52	122.7	94.2	141.2
51	56.2	46.1	69.1



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

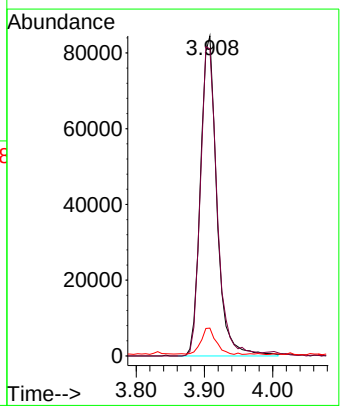
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

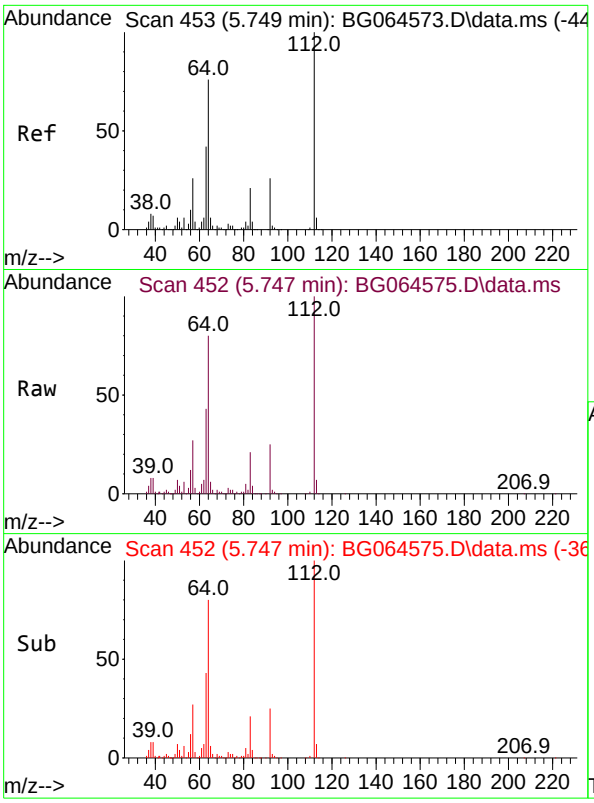


#4
n-Nitrosodimethylamine
Concen: 73.105 ng
RT: 3.908 min Scan# 139
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion: 42 Resp: 141185

Ion	Ratio	Lower	Upper
42	100		
74	96.0	76.1	114.1
44	8.7	6.3	9.5





#5
2-Fluorophenol
Concen: 151.948 ng
RT: 5.747 min Scan# 4
Delta R.T. -0.002 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

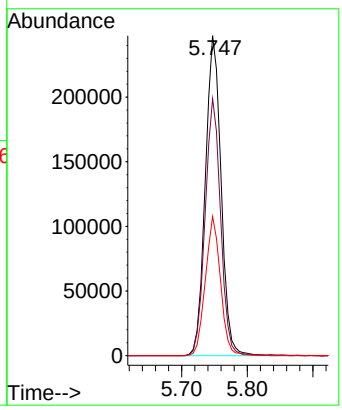
Tgt Ion:112 Resp: 41158

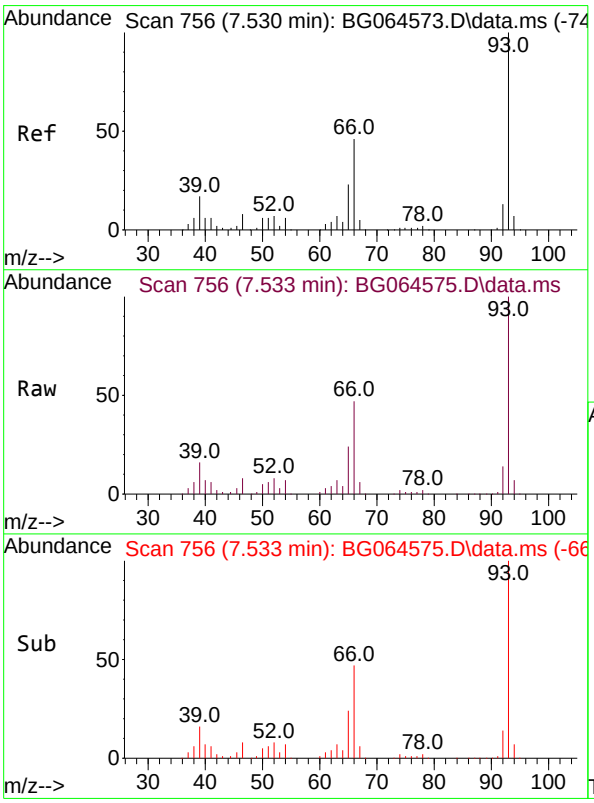
Ion	Ratio	Lower	Upper
112	100		
64	80.3	60.7	91.1
63	43.5	33.4	50.0

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

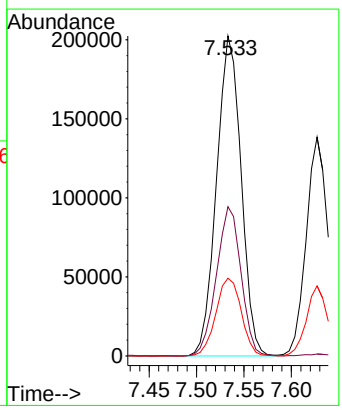


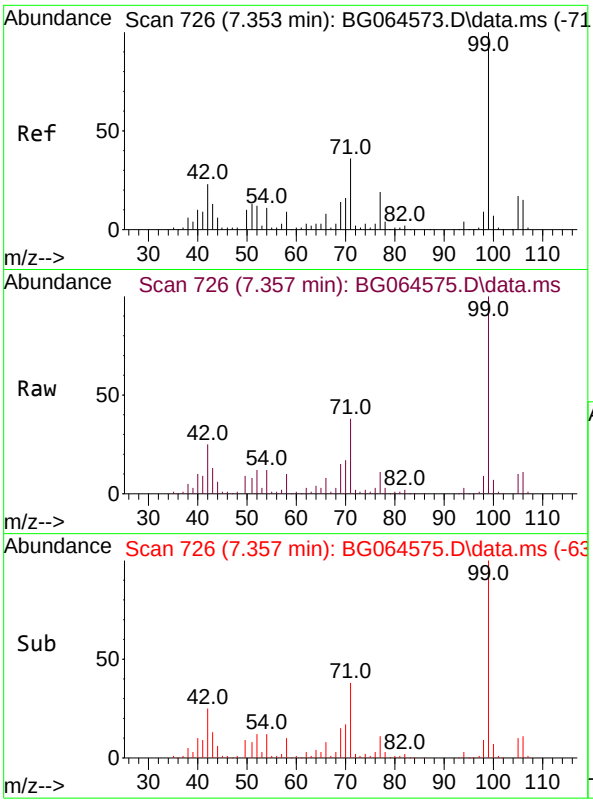


#6
Aniline
Concen: 72.073 ng
RT: 7.533 min Scan# 756
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion: 93 Resp: 364528

Ion	Ratio	Lower	Upper
93	100		
66	46.6	37.0	55.6
65	24.3	18.3	27.5

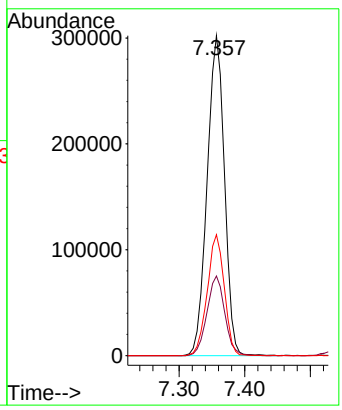




#7
Phenol-d6
Concen: 149.124 ng
RT: 7.357 min Scan# 7
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion: 99 Resp: 55428

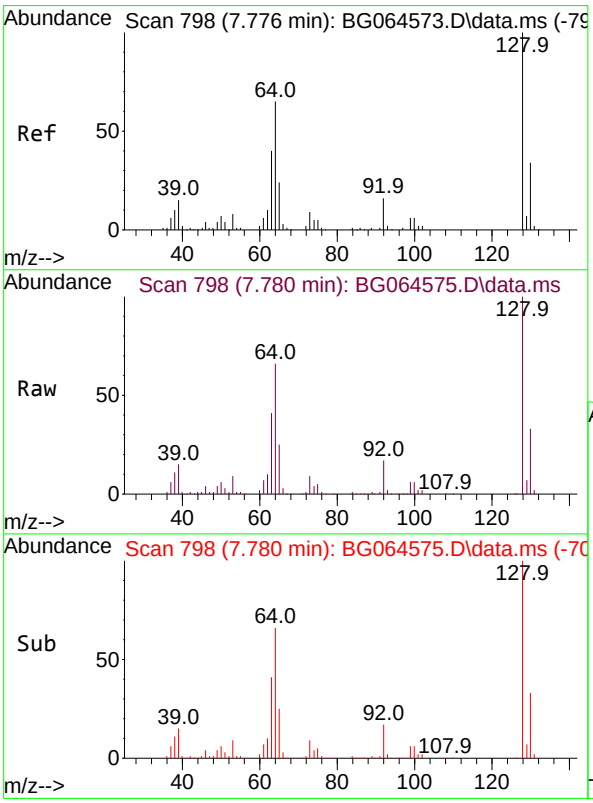
Ion	Ratio	Lower	Upper
99	100		
42	24.9	18.3	27.5
71	37.8	28.6	43.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

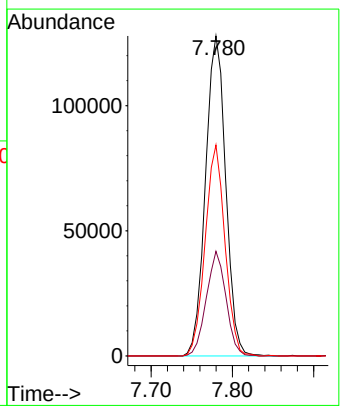
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

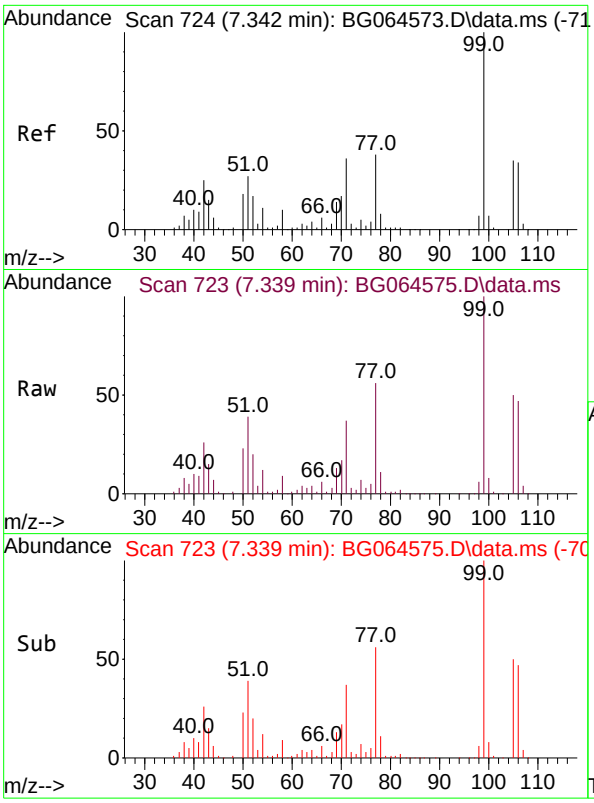


#8
2-Chlorophenol
Concen: 77.988 ng
RT: 7.780 min Scan# 798
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:128 Resp: 221112

Ion	Ratio	Lower	Upper
128	100		
130	32.7	13.5	53.5
64	65.9	45.2	85.2

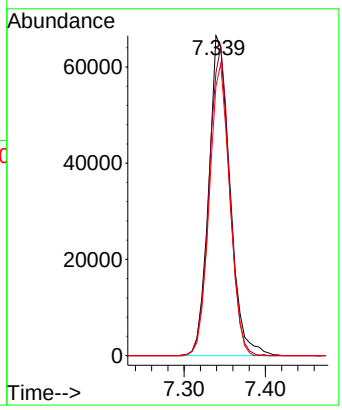




#9
Benzaldehyde
Concen: 59.361 ng
RT: 7.339 min Scan# 7
Delta R.T. -0.002 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion: 77 Resp: 12045

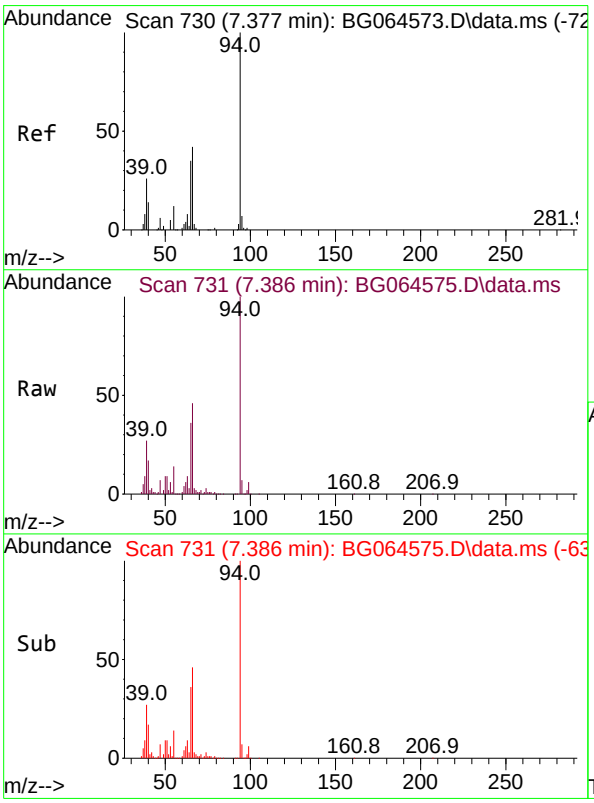
Ion	Ratio	Lower	Upper
77	100		
105	88.4	72.9	112.9
106	84.2	70.8	110.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

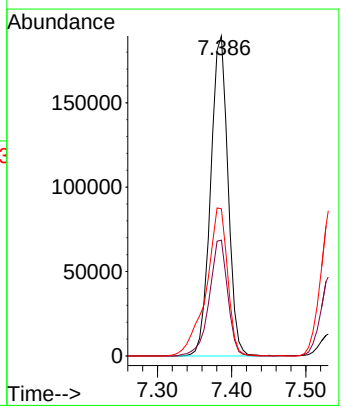
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

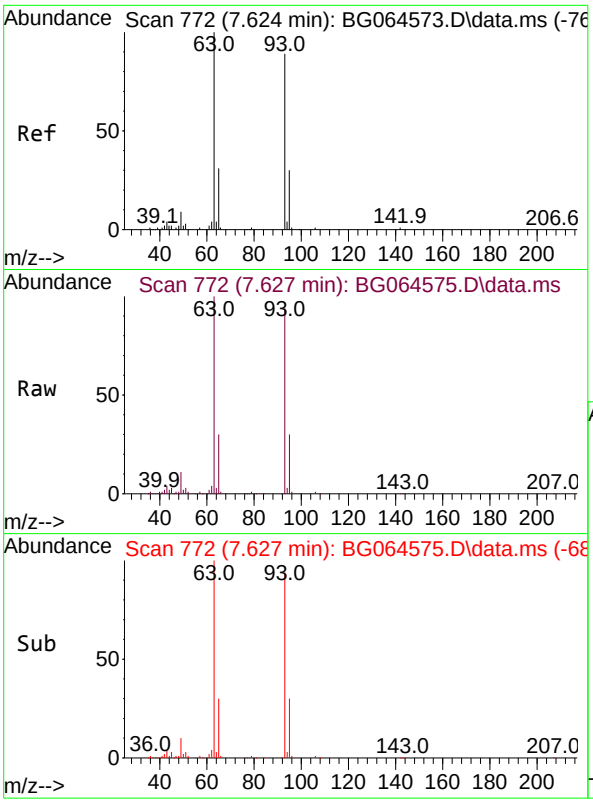


#10
Phenol
Concen: 74.900 ng
RT: 7.386 min Scan# 731
Delta R.T. 0.009 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion: 94 Resp: 307886

Ion	Ratio	Lower	Upper
94	100		
65	36.2	15.8	55.8
66	46.0	24.0	64.0

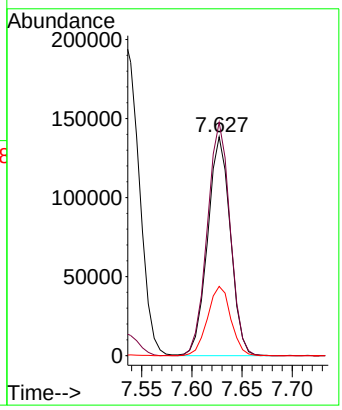




#11
bis(2-Chloroethyl)ether
Concen: 72.119 ng
RT: 7.627 min Scan# 7
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion: 93 Resp: 21796

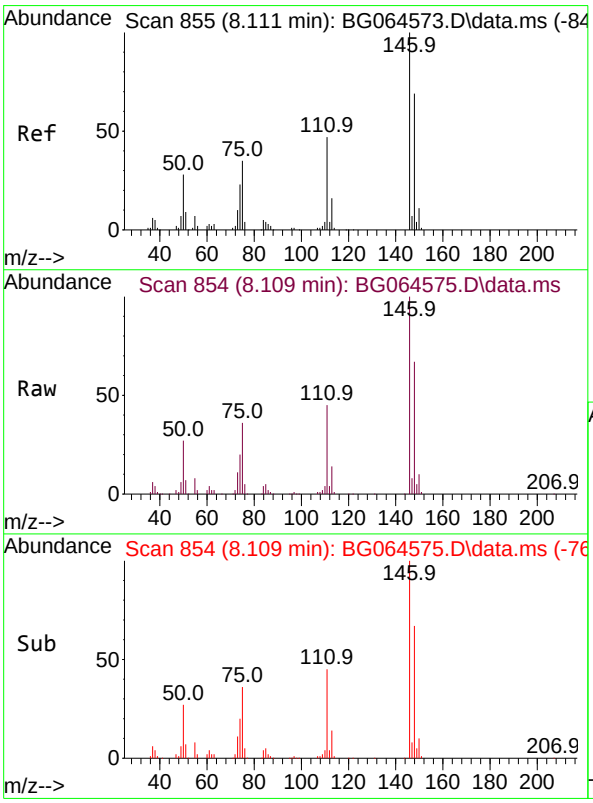
Ion	Ratio	Lower	Upper
93	100		
63	106.7	91.3	131.3
95	31.7	13.3	53.3



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

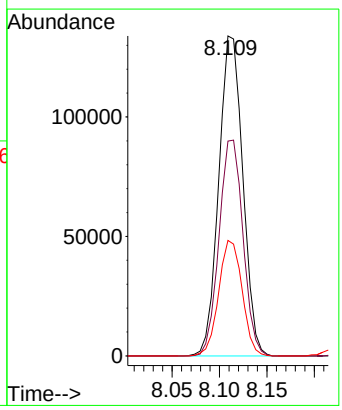
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

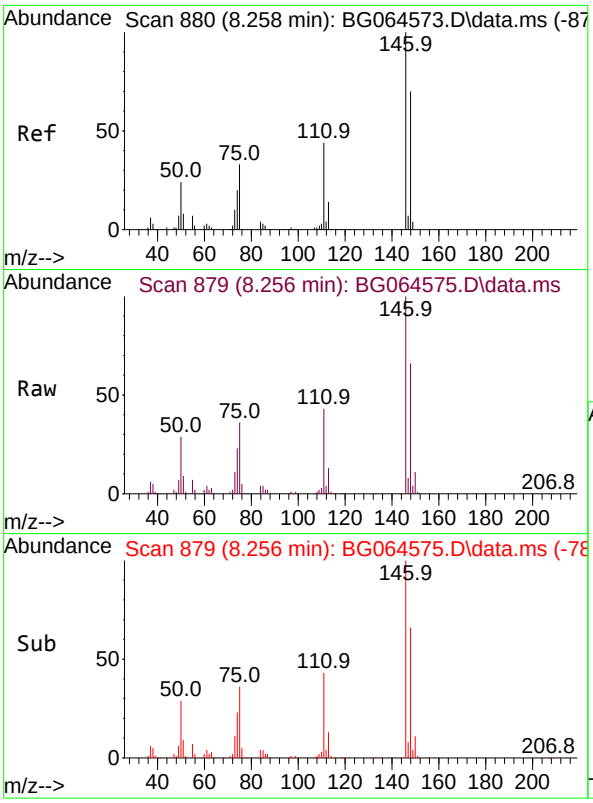


#12
1,3-Dichlorobenzene
Concen: 72.385 ng
RT: 8.109 min Scan# 854
Delta R.T. -0.002 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:146 Resp: 236208

Ion	Ratio	Lower	Upper
146	100		
148	67.1	55.3	82.9
75	36.1	28.2	42.2

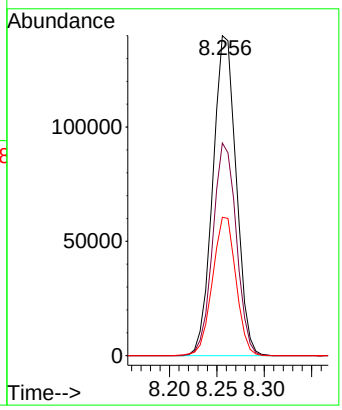




#13
1,4-Dichlorobenzene
Concen: 72.502 ng
RT: 8.256 min Scan# 8
Delta R.T. -0.002 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:146 Resp: 24057

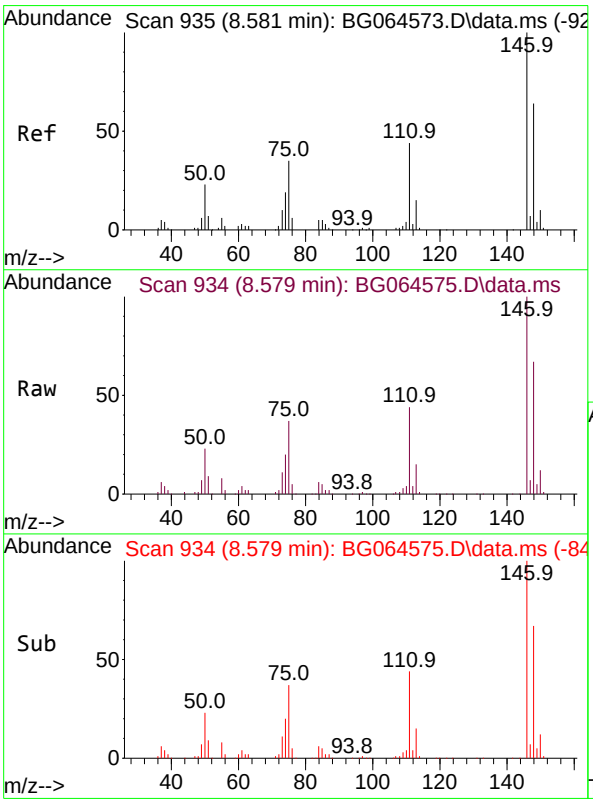
Ion	Ratio	Lower	Upper
146	100		
148	66.4	56.2	84.4
111	43.2	35.4	53.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

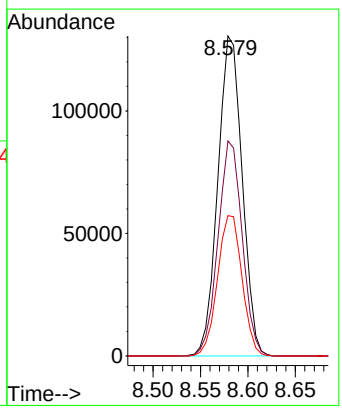
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

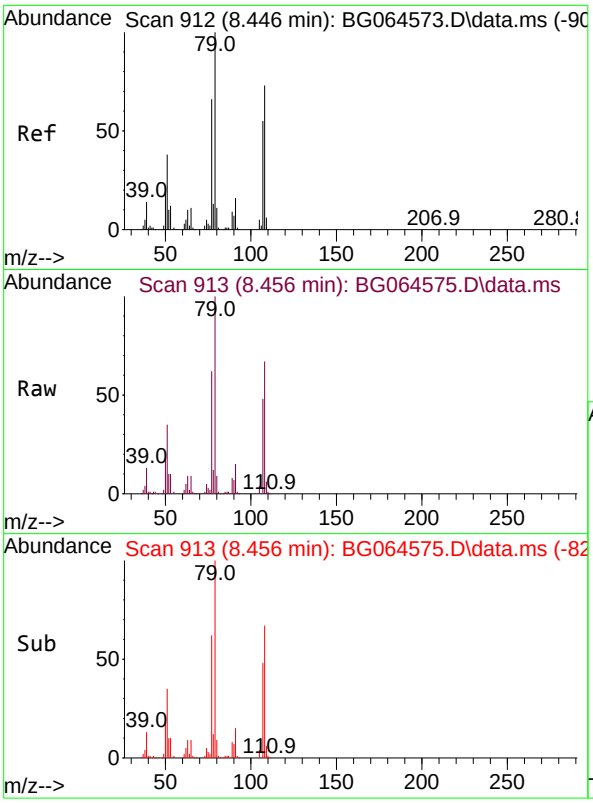


#14
1,2-Dichlorobenzene
Concen: 72.905 ng
RT: 8.579 min Scan# 934
Delta R.T. -0.002 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:146 Resp: 233326

Ion	Ratio	Lower	Upper
146	100		
148	67.2	51.5	77.3
111	43.8	35.0	52.6

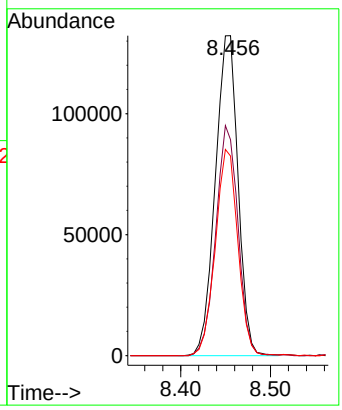




#15
Benzyl Alcohol
Concen: 76.140 ng
RT: 8.456 min Scan# 91
Delta R.T. 0.009 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion: 79 Resp: 23337

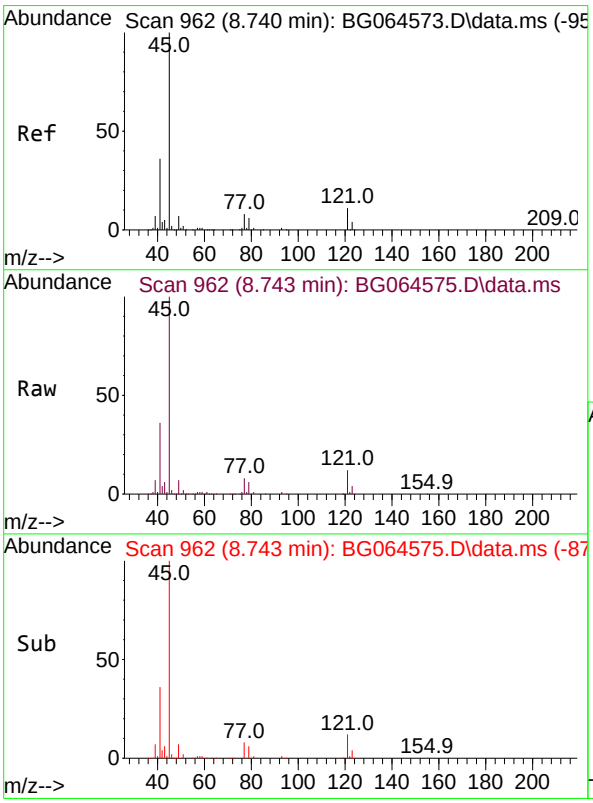
Ion	Ratio	Lower	Upper
79	100		
108	67.5	58.1	87.1
77	62.4	52.8	79.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

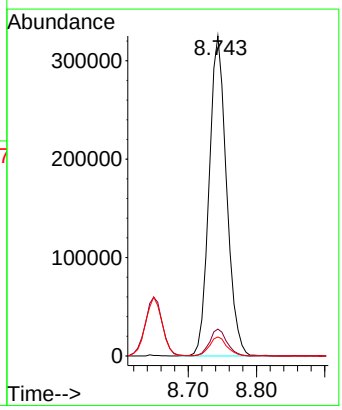
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

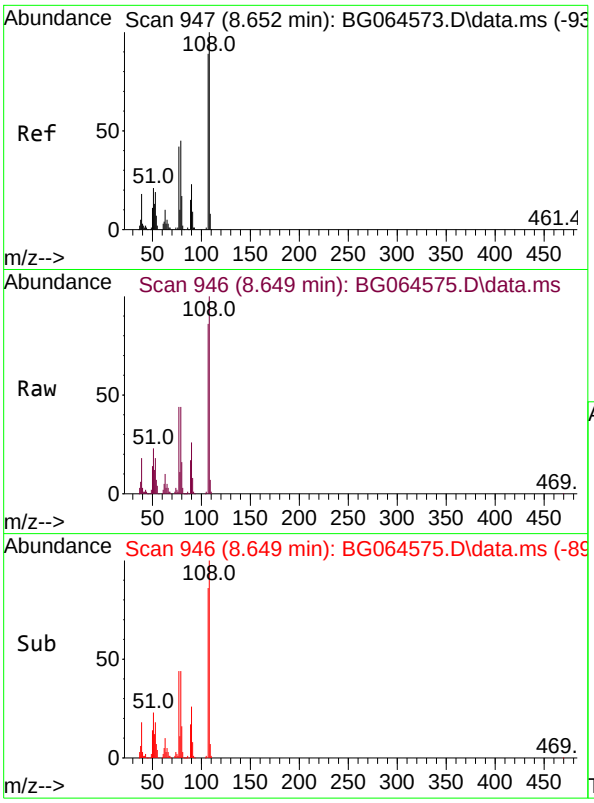


#16
2,2'-oxybis(1-Chloropropane)
Concen: 72.364 ng
RT: 8.743 min Scan# 962
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion: 45 Resp: 573671

Ion	Ratio	Lower	Upper
45	100		
77	8.4	0.0	28.5
79	5.9	0.0	25.6

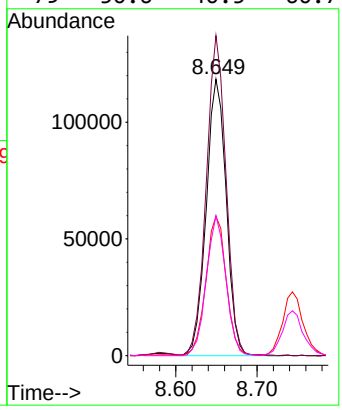




#17
2-Methylphenol
Concen: 74.625 ng
RT: 8.649 min Scan# 94
Delta R.T. -0.002 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:107 Resp: 20366

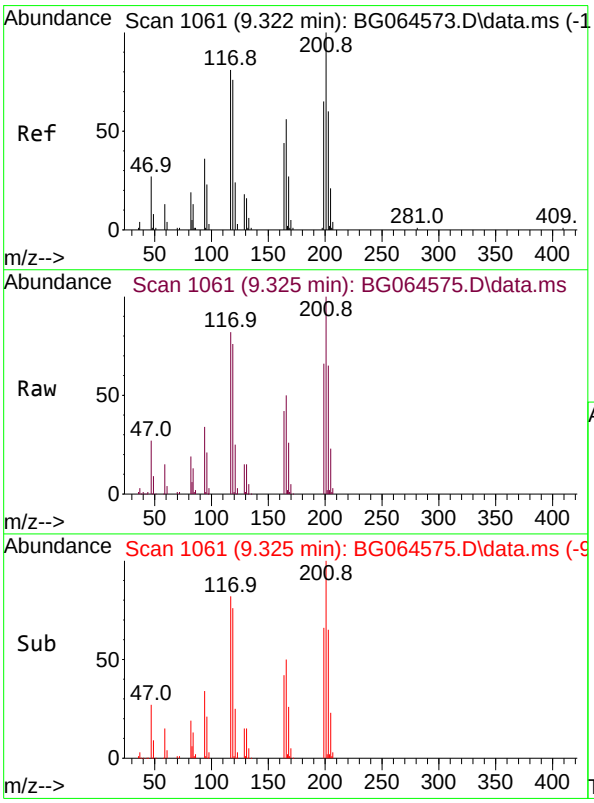
Ion	Ratio	Lower	Upper
107	100		
108	115.8	90.0	135.0
77	50.4	37.8	56.8
79	50.6	40.5	60.7



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

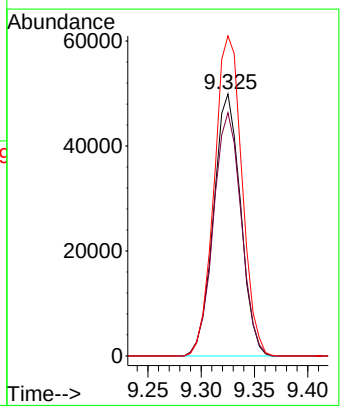
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

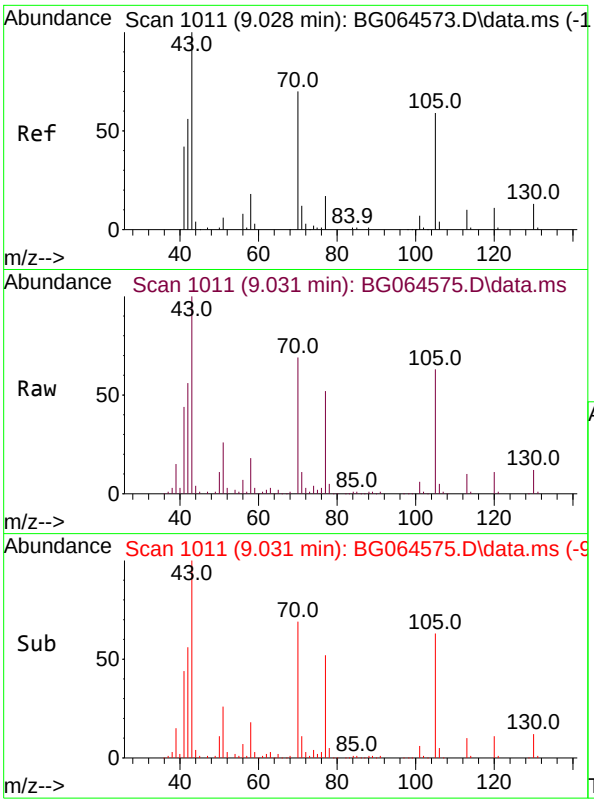


#18
Hexachloroethane
Concen: 75.469 ng
RT: 9.325 min Scan# 1061
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:117 Resp: 87876

Ion	Ratio	Lower	Upper
117	100		
119	92.8	75.4	113.2
201	122.1	99.2	148.8

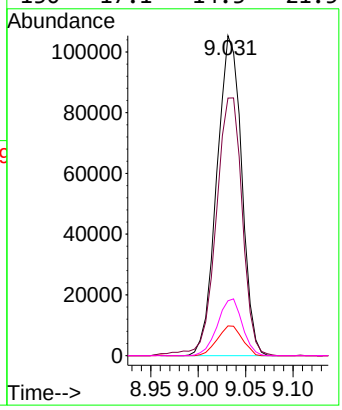




#19
n-Nitroso-di-n-propylamine
Concen: 74.804 ng
RT: 9.031 min Scan# 10
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion: 70 Resp: 19215

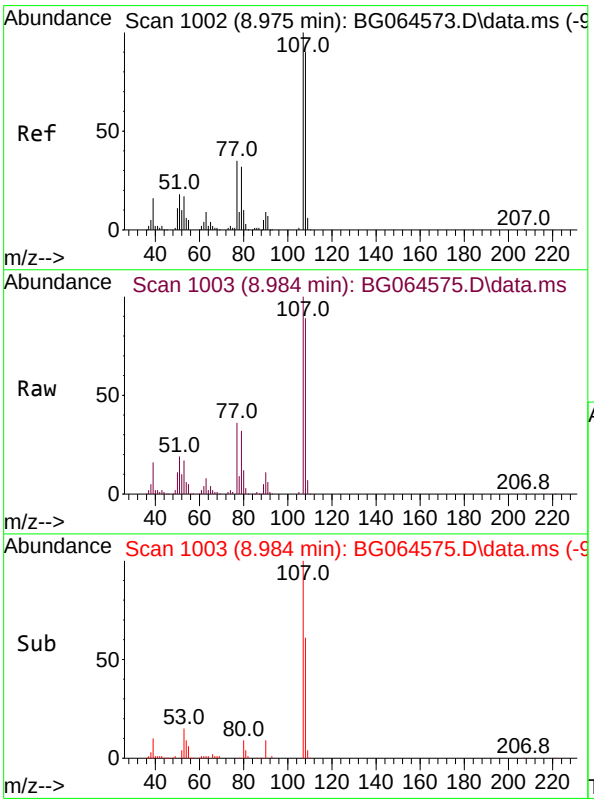
Ion	Ratio	Lower	Upper
70	100		
42	80.5	65.2	97.8
101	9.3	7.9	11.9
130	17.1	14.3	21.5



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

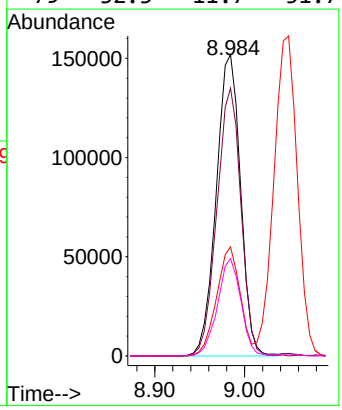
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

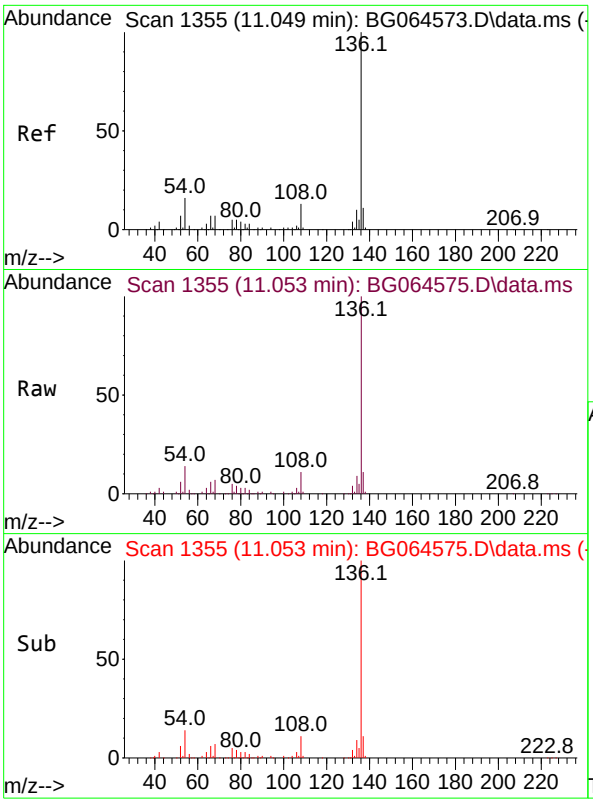


#20
3+4-Methylphenols
Concen: 74.434 ng
RT: 8.984 min Scan# 1003
Delta R.T. 0.009 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:107 Resp: 285690

Ion	Ratio	Lower	Upper
107	100		
108	88.9	70.3	110.3
77	36.2	14.6	54.6
79	32.3	11.7	51.7

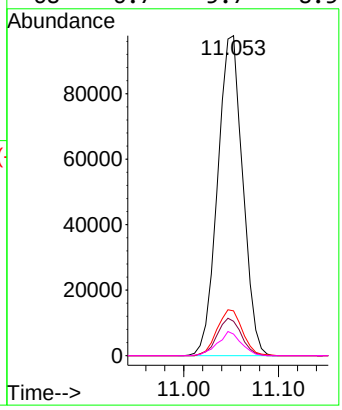




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.053 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:136 Resp: 179569

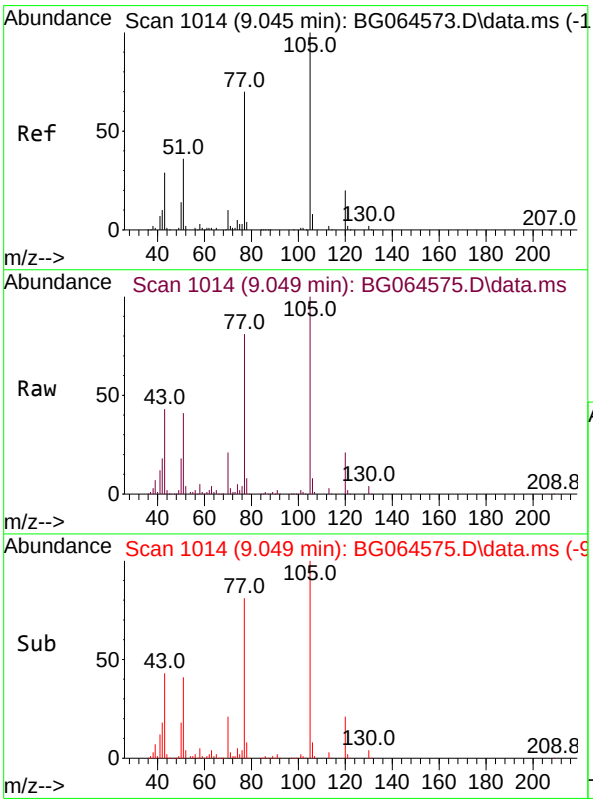
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	14.0	12.6	19.0
68	6.7	5.7	8.5



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

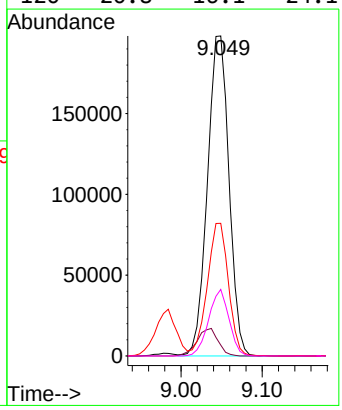
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

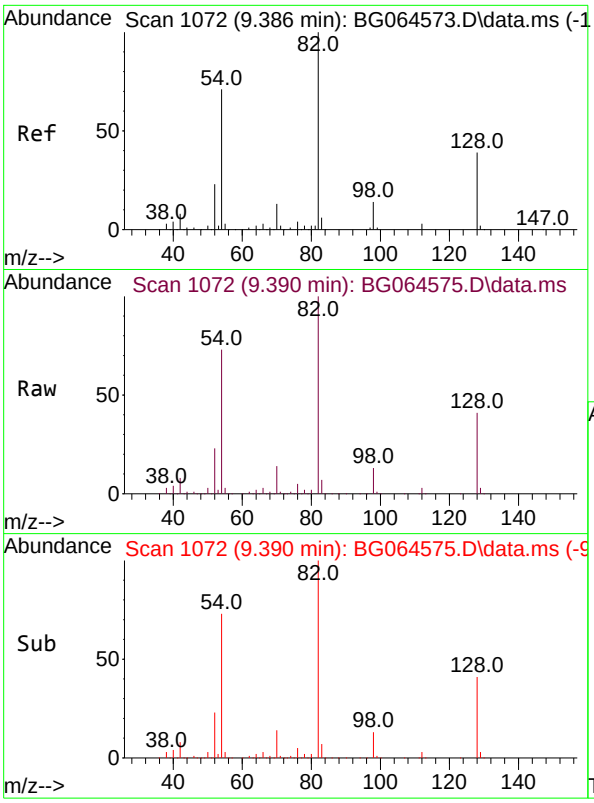


#22
Acetophenone
Concen: 74.412 ng
RT: 9.049 min Scan# 1014
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:105 Resp: 365265

Ion	Ratio	Lower	Upper
105	100		
71	3.4	1.5	2.3#
51	41.4	33.7	50.5
120	20.8	16.1	24.1

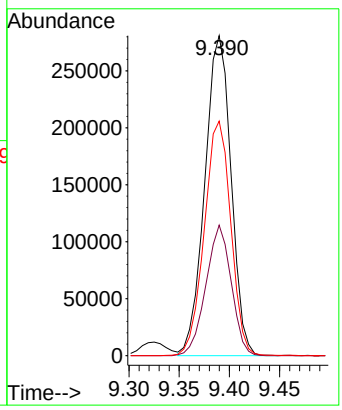




#23
Nitrobenzene-d5
Concen: 171.034 ng
RT: 9.390 min Scan# 10
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion: 82 Resp: 511341

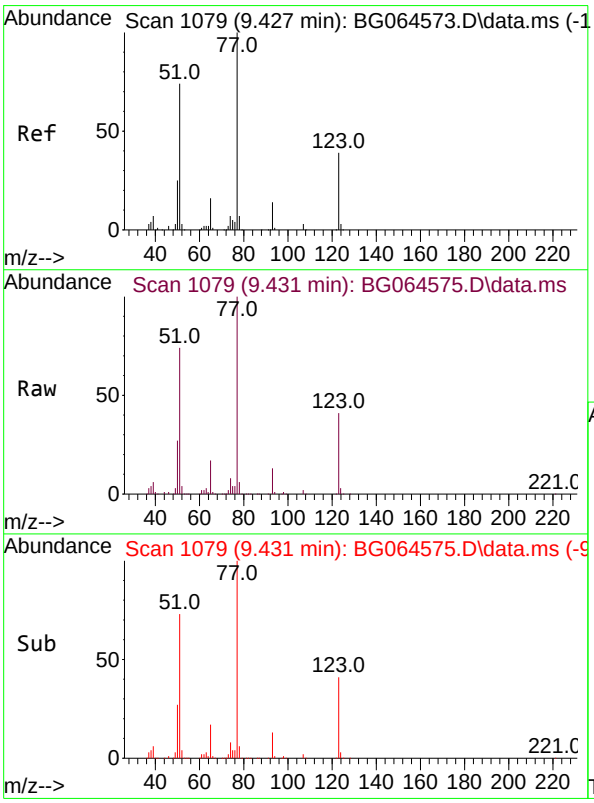
Ion	Ratio	Lower	Upper
82	100		
128	40.8	31.3	46.9
54	73.3	56.6	84.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

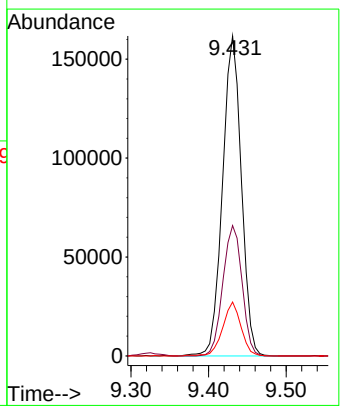
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

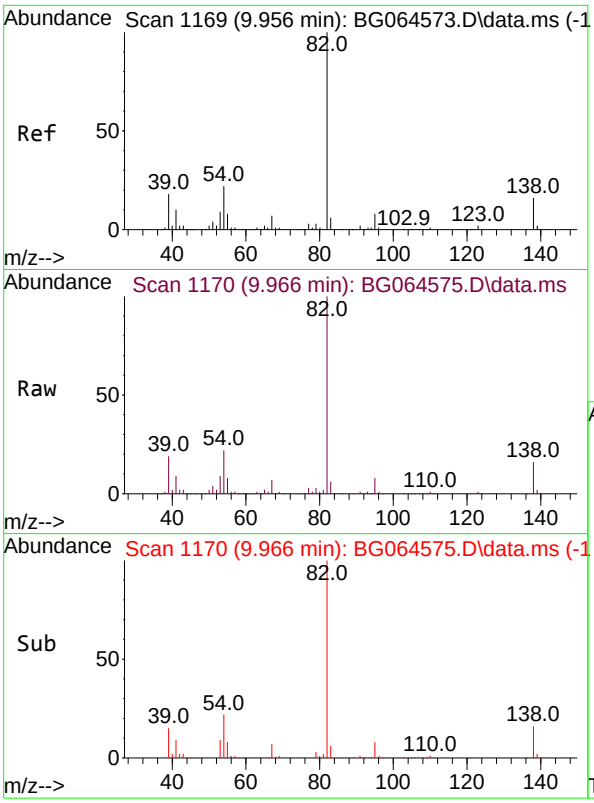


#24
Nitrobenzene
Concen: 84.025 ng
RT: 9.431 min Scan# 1079
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion: 77 Resp: 273231

Ion	Ratio	Lower	Upper
77	100		
123	40.7	31.0	46.6
65	16.8	12.7	19.1

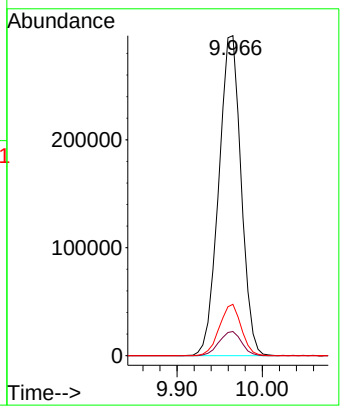




#25
Isophorone
Concen: 75.150 ng
RT: 9.966 min Scan# 11
Delta R.T. 0.009 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion: 82 Resp: 539121

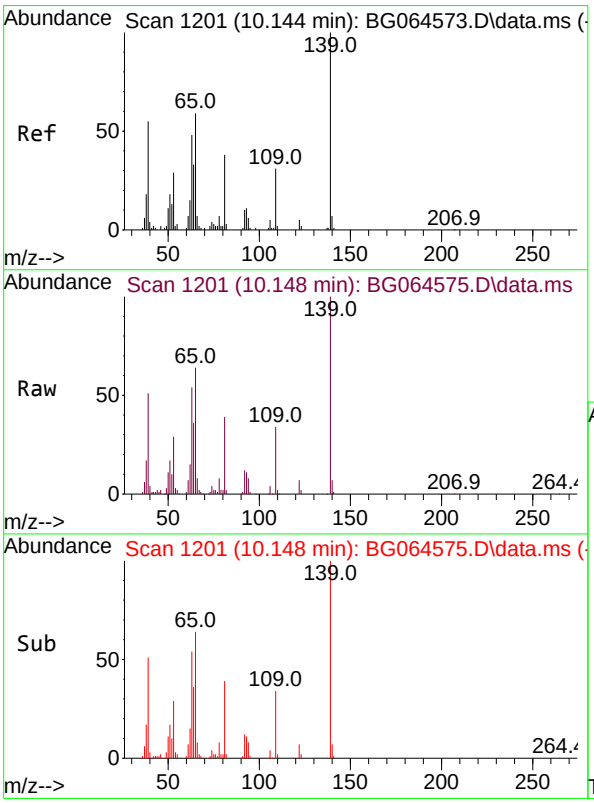
Ion	Ratio	Lower	Upper
82	100		
95	7.5	6.1	9.1
138	16.0	13.0	19.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

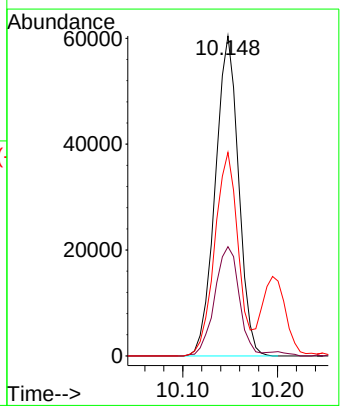
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

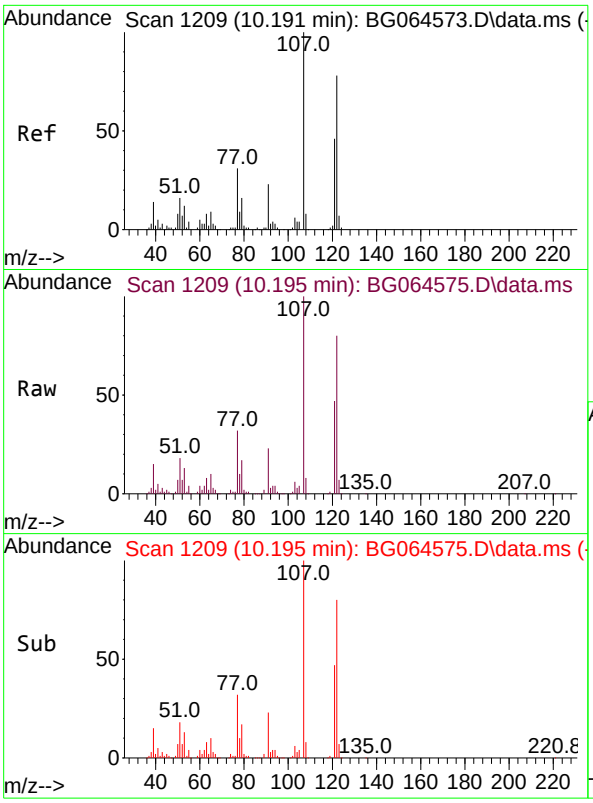


#26
2-Nitrophenol
Concen: 79.938 ng
RT: 10.148 min Scan# 1201
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:139 Resp: 103090

Ion	Ratio	Lower	Upper
139	100		
109	34.1	24.6	37.0
65	63.6	47.5	71.3

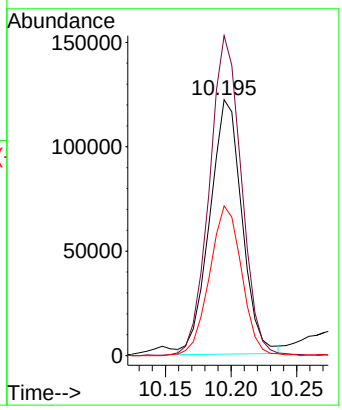




#27
2,4-Dimethylphenol
Concen: 77.967 ng
RT: 10.195 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:122 Resp: 20805

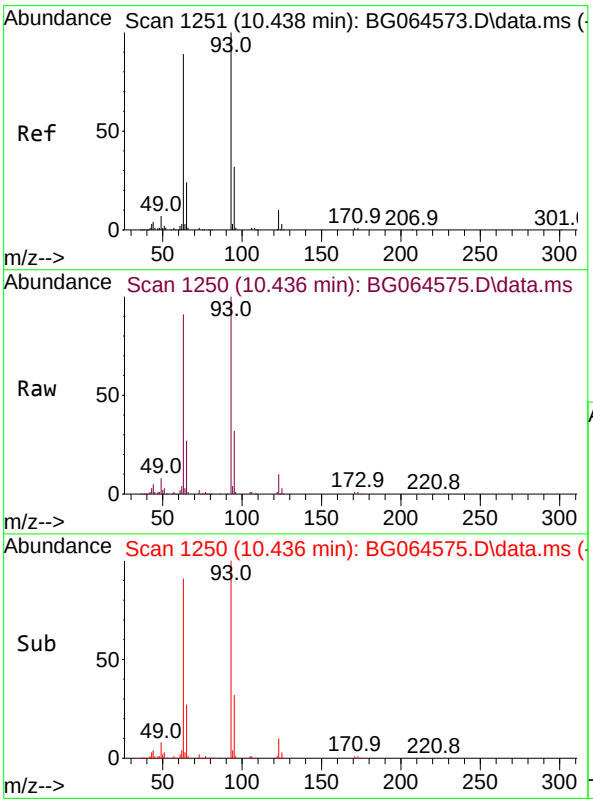
Ion	Ratio	Lower	Upper
122	100		
107	125.0	103.0	154.4
121	58.5	47.8	71.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

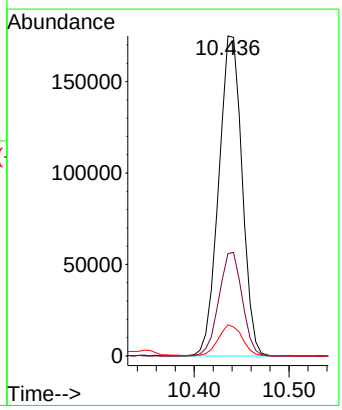
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

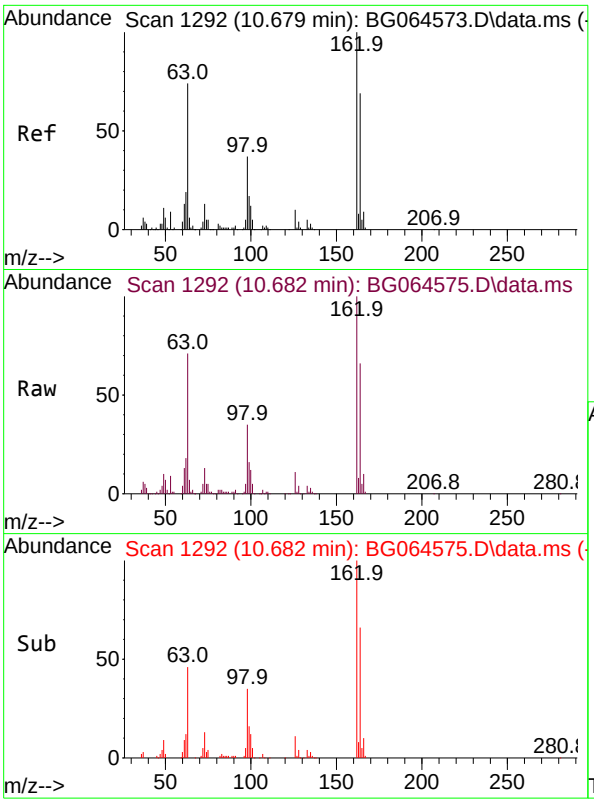


#28
bis(2-Chloroethoxy)methane
Concen: 73.388 ng
RT: 10.436 min Scan# 1250
Delta R.T. -0.002 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion: 93 Resp: 299758

Ion	Ratio	Lower	Upper
93	100		
95	32.0	25.4	38.2
123	9.7	8.4	12.6

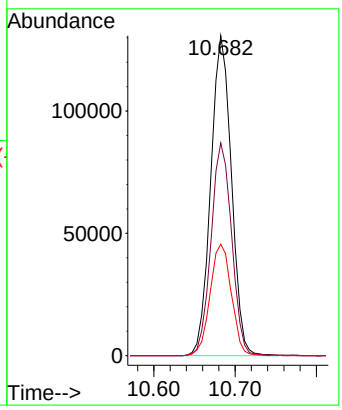




#29
2,4-Dichlorophenol
Concen: 80.526 ng
RT: 10.682 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:162 Resp: 23125

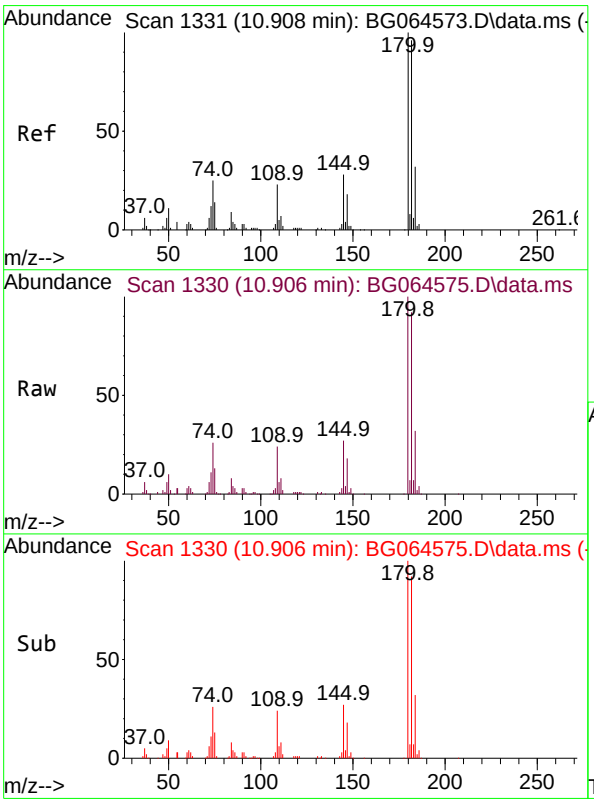
Ion	Ratio	Lower	Upper
162	100		
164	66.5	48.7	88.7
98	34.8	16.9	56.9



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

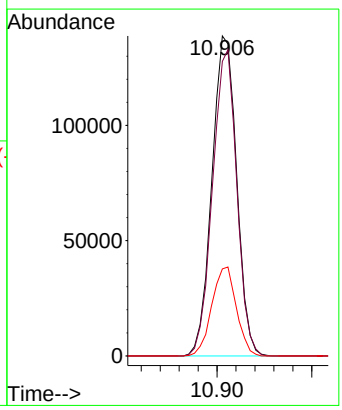
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

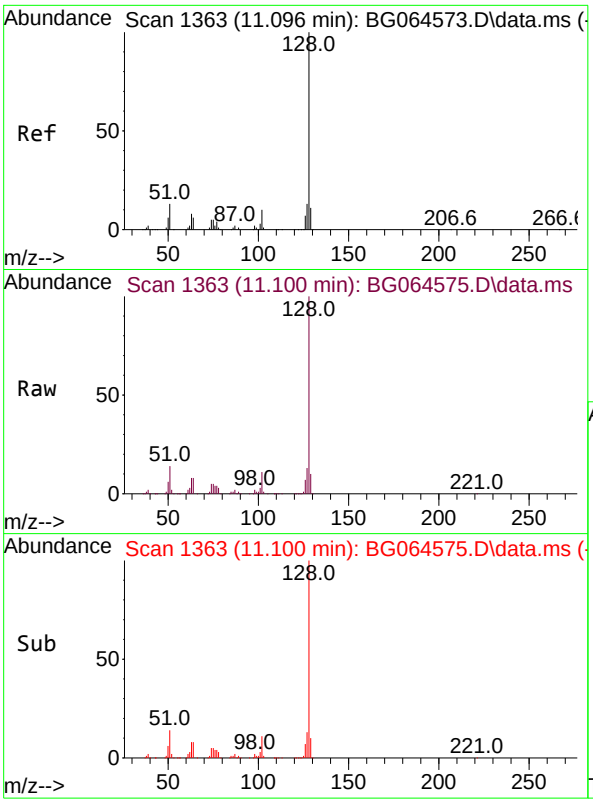


#30
1,2,4-Trichlorobenzene
Concen: 76.888 ng
RT: 10.906 min Scan# 1330
Delta R.T. -0.002 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:180 Resp: 250883

Ion	Ratio	Lower	Upper
180	100		
182	92.0	76.9	115.3
145	27.2	22.1	33.1

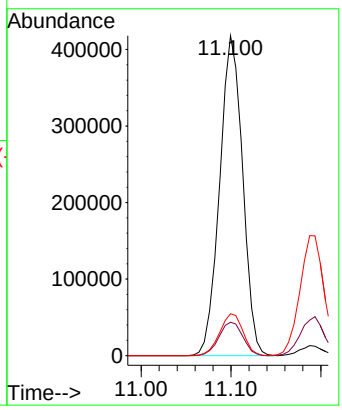




#31
Naphthalene
Concen: 74.828 ng
RT: 11.100 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:128 Resp: 74498

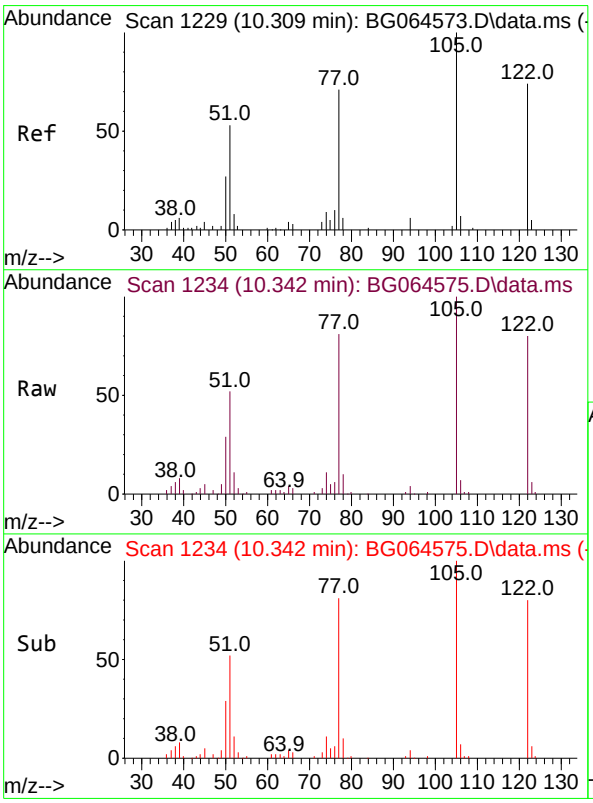
Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.8	13.2
127	13.1	10.6	15.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

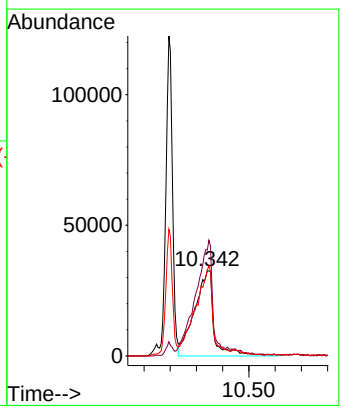
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

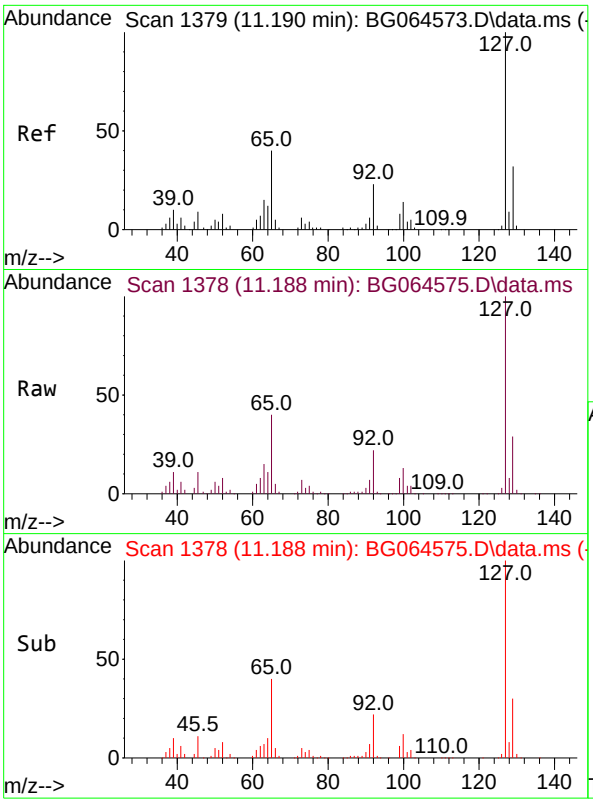


#32
Benzoic acid
Concen: 77.917 ng m
RT: 10.342 min Scan# 1234
Delta R.T. 0.033 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:122 Resp: 169962

Ion	Ratio	Lower	Upper
122	100		
105	124.4	104.2	144.2
77	100.9	70.2	110.2

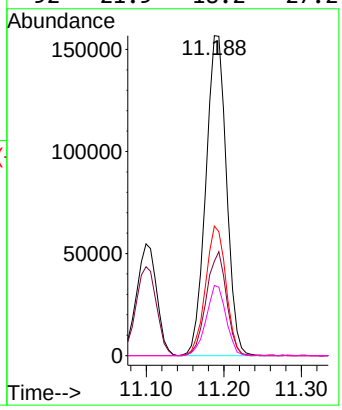




#33
4-Chloroaniline
Concen: 75.100 ng
RT: 11.188 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:127 Resp: 29061

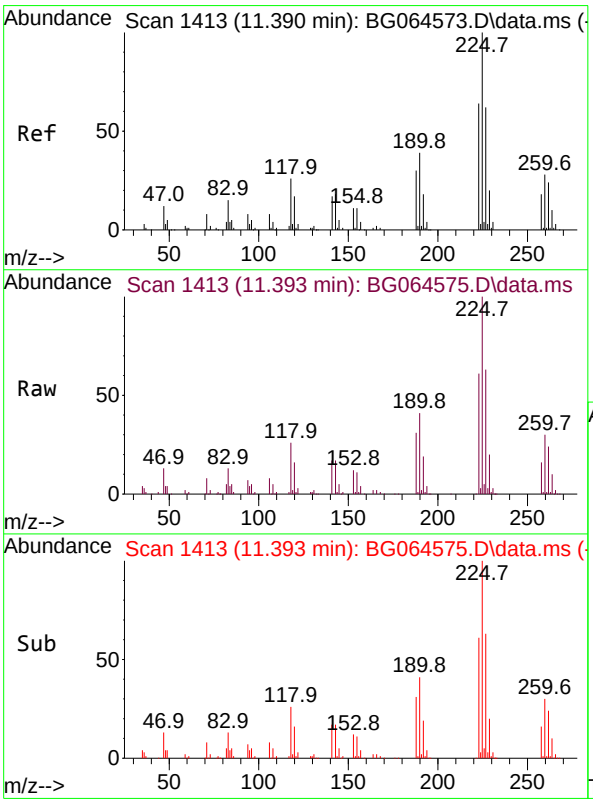
Ion	Ratio	Lower	Upper
127	100		
129	29.5	25.5	38.3
65	40.5	32.2	48.4
92	21.9	18.2	27.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

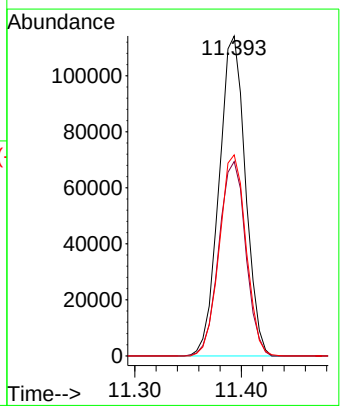
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

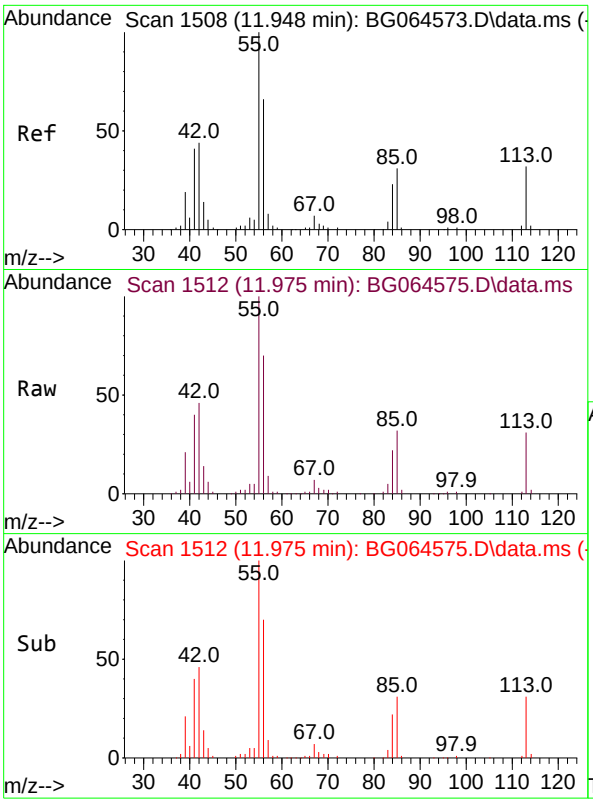


#34
Hexachlorobutadiene
Concen: 76.863 ng
RT: 11.393 min Scan# 1413
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:225 Resp: 196140

Ion	Ratio	Lower	Upper
225	100		
223	60.7	48.8	73.2
227	62.8	49.5	74.3

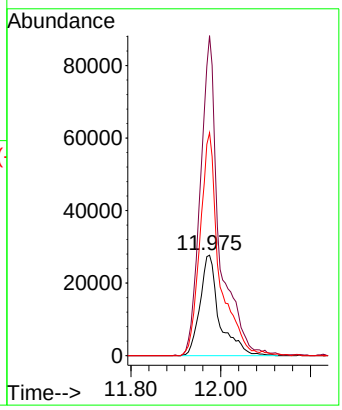




#35
Caprolactam
Concen: 75.596 ng
RT: 11.975 min Scan# 1
Delta R.T. 0.027 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:113 Resp: 8326

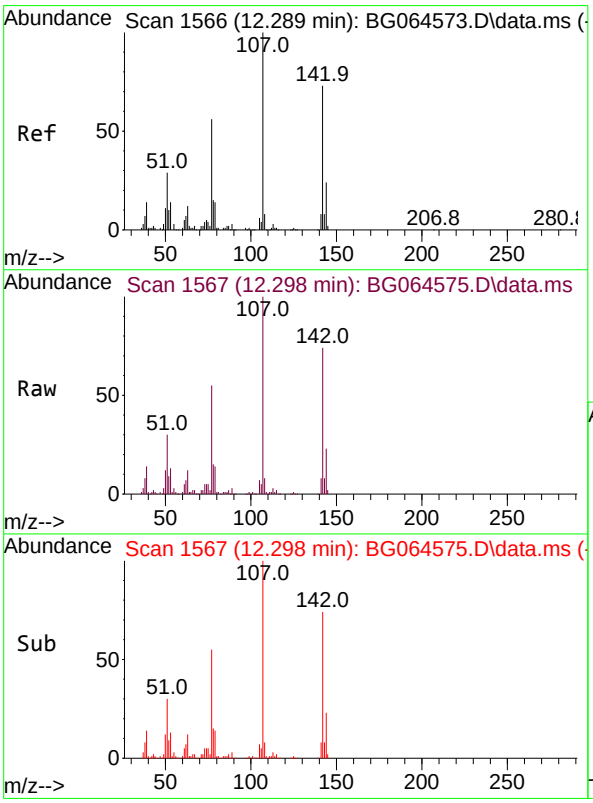
Ion	Ratio	Lower	Upper
113	100		
55	318.6	290.1	330.1
56	221.7	183.8	223.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

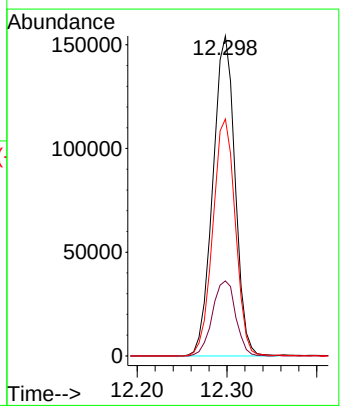
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

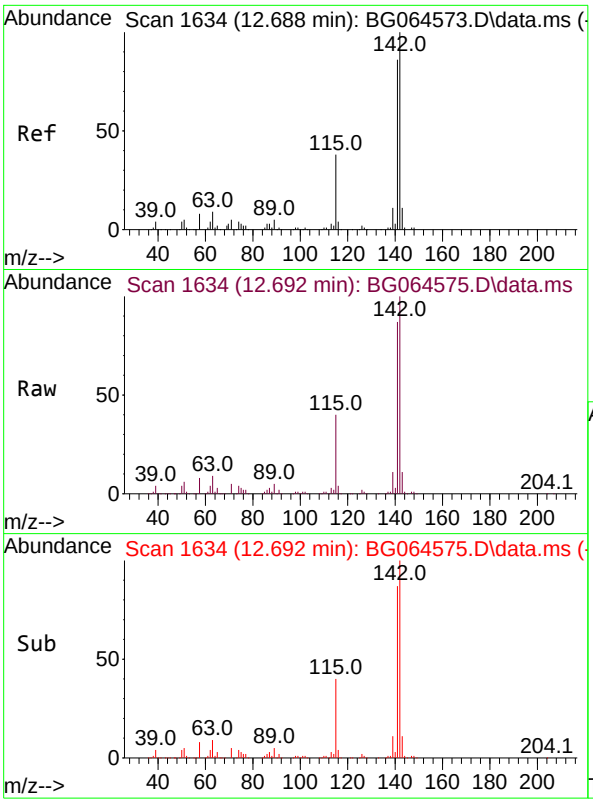


#36
4-Chloro-3-methylphenol
Concen: 77.031 ng
RT: 12.298 min Scan# 1567
Delta R.T. 0.009 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:107 Resp: 265909

Ion	Ratio	Lower	Upper
107	100		
144	23.4	19.1	28.7
142	74.0	58.6	87.8

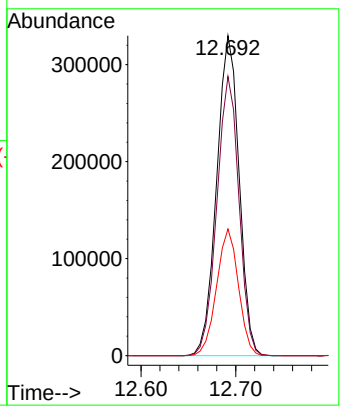




#37
2-Methylnaphthalene
Concen: 74.168 ng
RT: 12.692 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:142 Resp: 54213

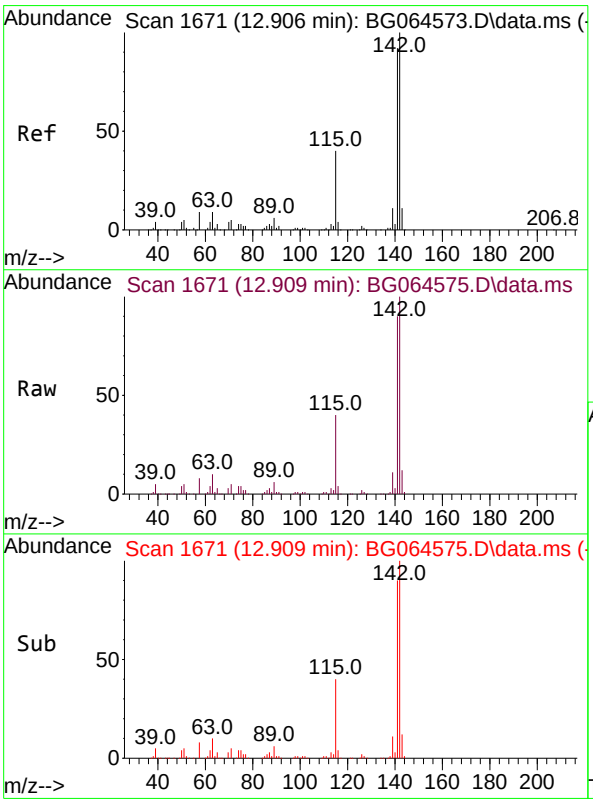
Ion	Ratio	Lower	Upper
142	100		
141	87.2	68.9	103.3
115	39.6	30.6	46.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

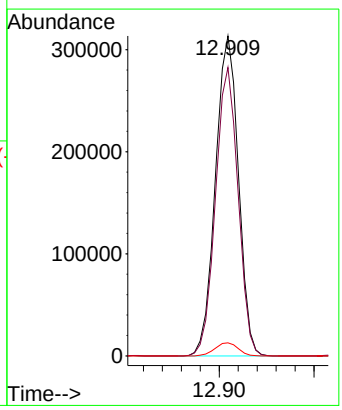
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

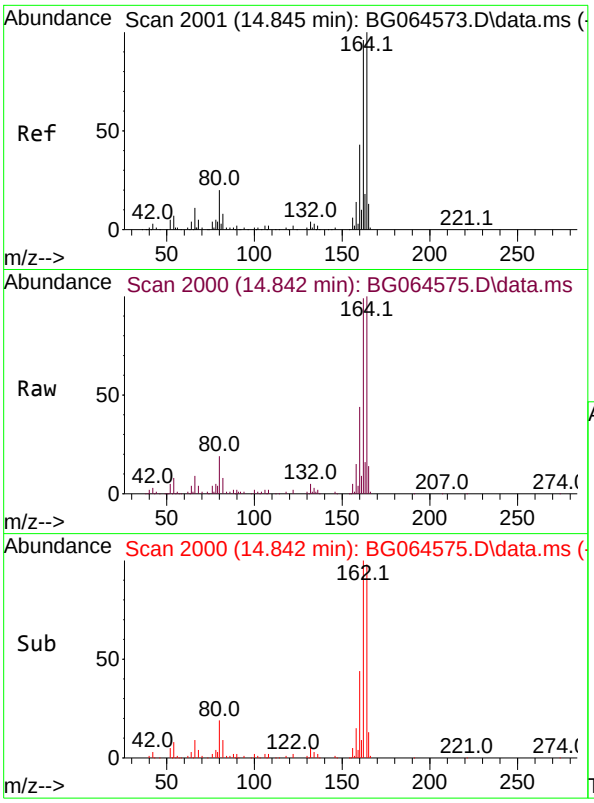


#38
1-Methylnaphthalene
Concen: 72.945 ng
RT: 12.909 min Scan# 1671
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:142 Resp: 527717

Ion	Ratio	Lower	Upper
142	100		
141	90.1	73.3	109.9
116	4.1	3.1	4.7

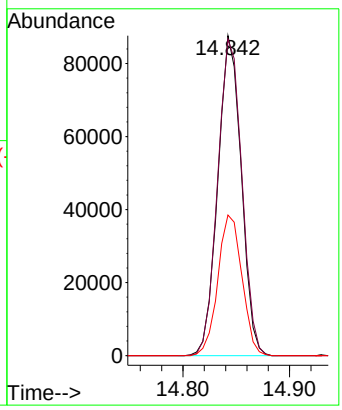




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.842 min Scan# 2
Delta R.T. -0.002 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:164 Resp: 13379

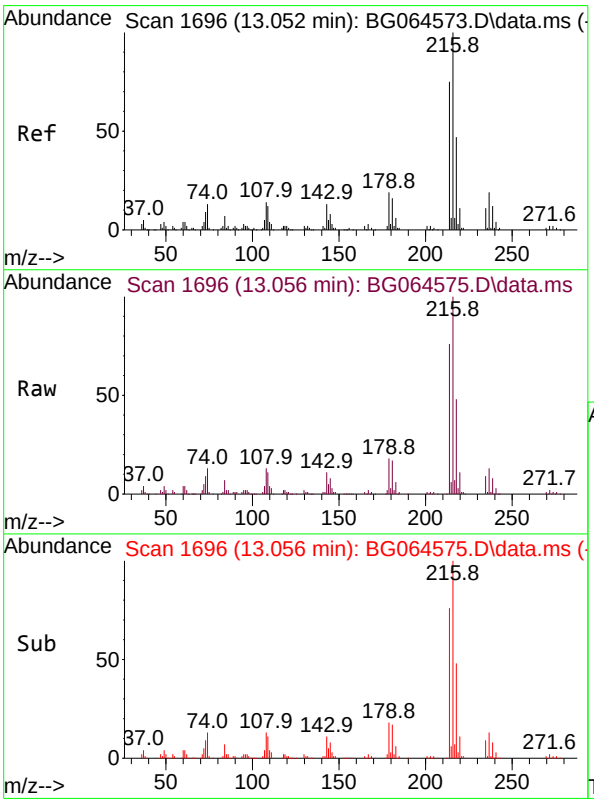
Ion	Ratio	Lower	Upper
164	100		
162	98.9	77.0	115.6
160	43.9	34.4	51.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

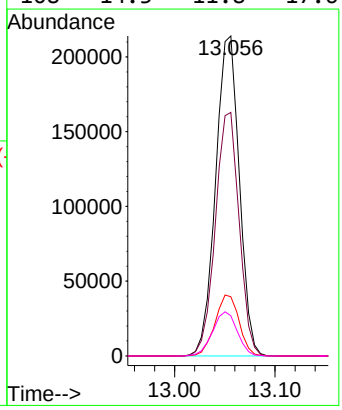
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

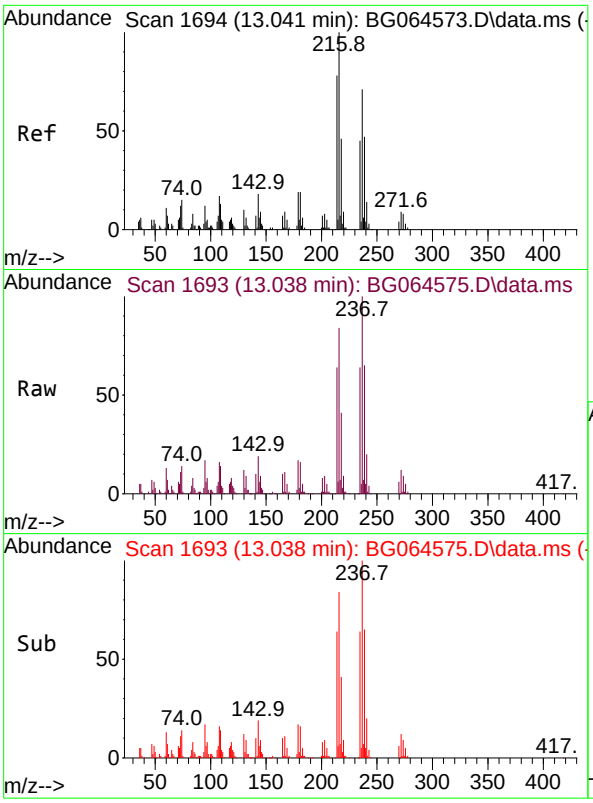


#40
1,2,4,5-Tetrachlorobenzene
Concen: 78.328 ng
RT: 13.056 min Scan# 1696
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:216 Resp: 351719

Ion	Ratio	Lower	Upper
216	100		
214	76.1	61.4	92.2
179	19.3	15.4	23.0
108	14.3	11.8	17.6

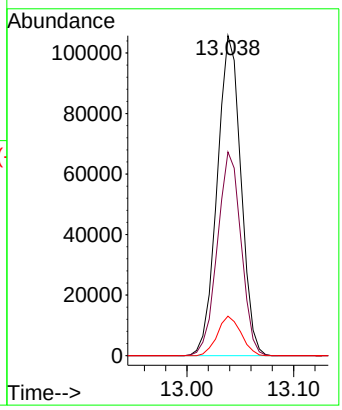




#41
Hexachlorocyclopentadiene
Concen: 80.876 ng
RT: 13.038 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:237 Resp: 16346

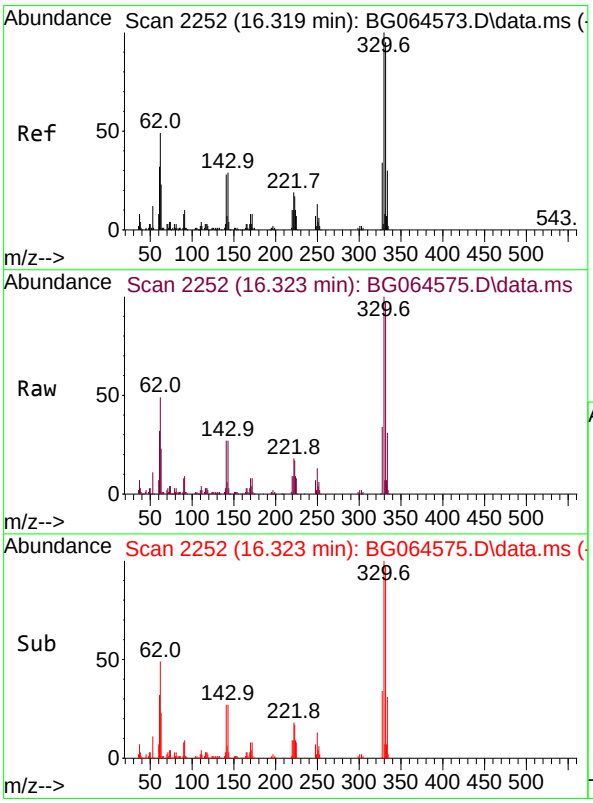
Ion	Ratio	Lower	Upper
237	100		
235	63.6	44.1	84.1
272	12.3	0.0	32.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

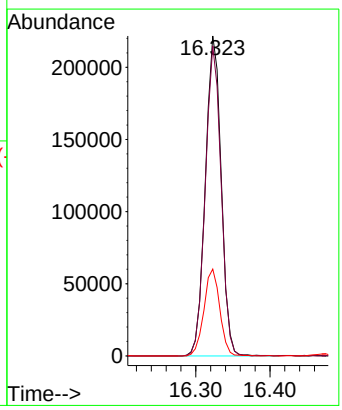
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

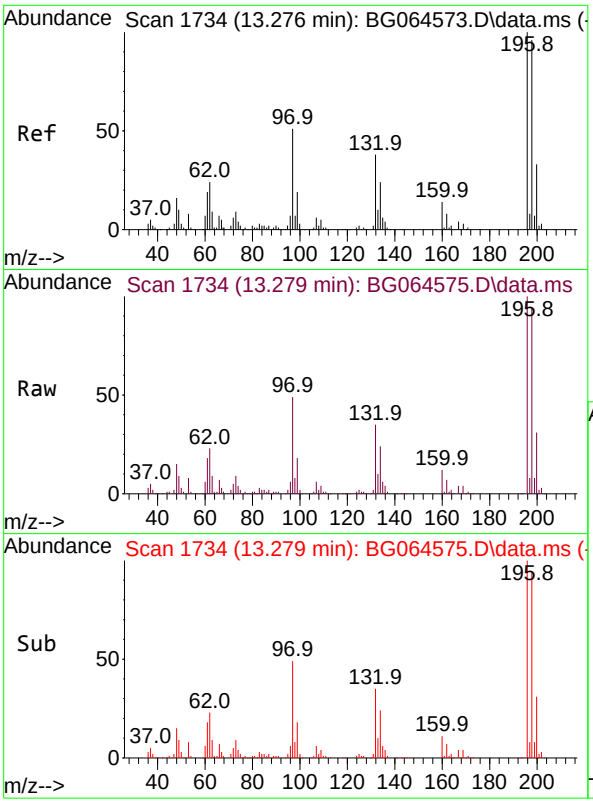


#42
2,4,6-Tribromophenol
Concen: 169.886 ng
RT: 16.323 min Scan# 2252
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:330 Resp: 328066

Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.0	117.0
141	27.1	21.8	32.6

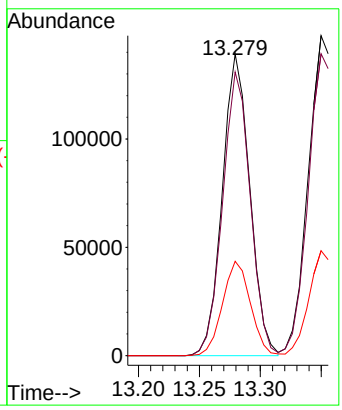




#43
2,4,6-Trichlorophenol
Concen: 84.998 ng
RT: 13.279 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:196 Resp: 21831

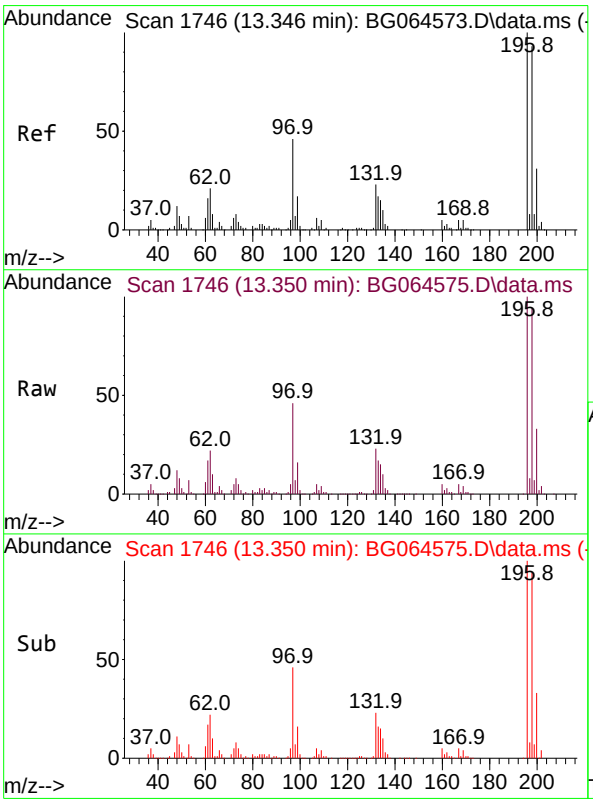
Ion	Ratio	Lower	Upper
196	100		
198	94.0	76.6	115.0
200	31.2	26.0	39.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

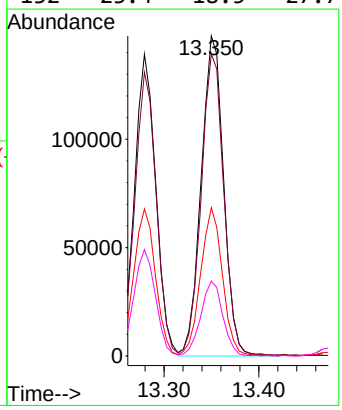
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

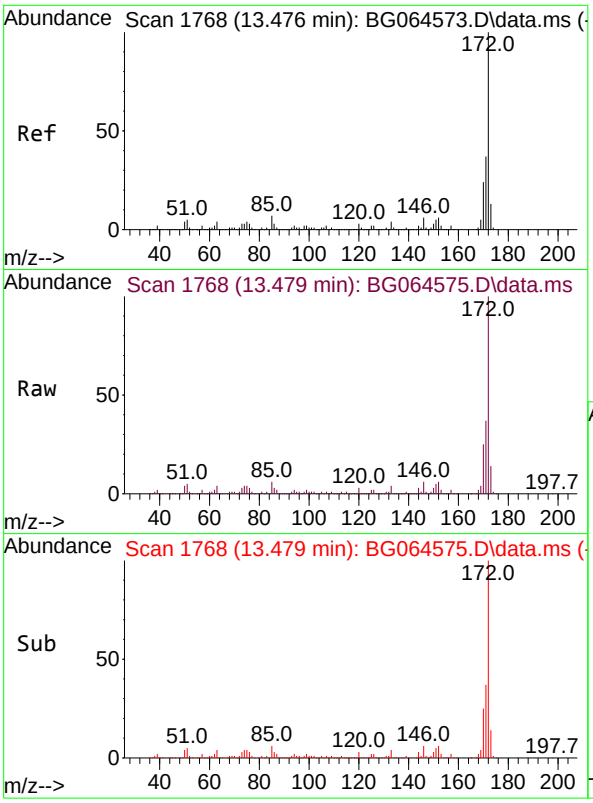


#44
2,4,5-Trichlorophenol
Concen: 82.064 ng
RT: 13.350 min Scan# 1746
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:196 Resp: 243241

Ion	Ratio	Lower	Upper
196	100		
198	94.3	74.2	111.4
97	46.3	37.0	55.6
132	23.4	18.5	27.7

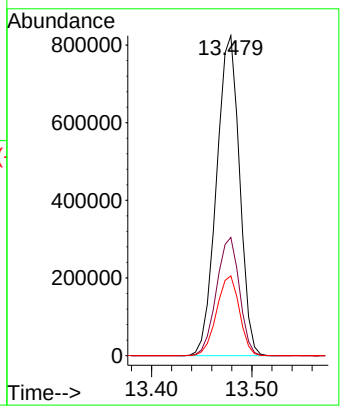




#45
2-Fluorobiphenyl
Concen: 148.960 ng
RT: 13.479 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:172 Resp: 131489

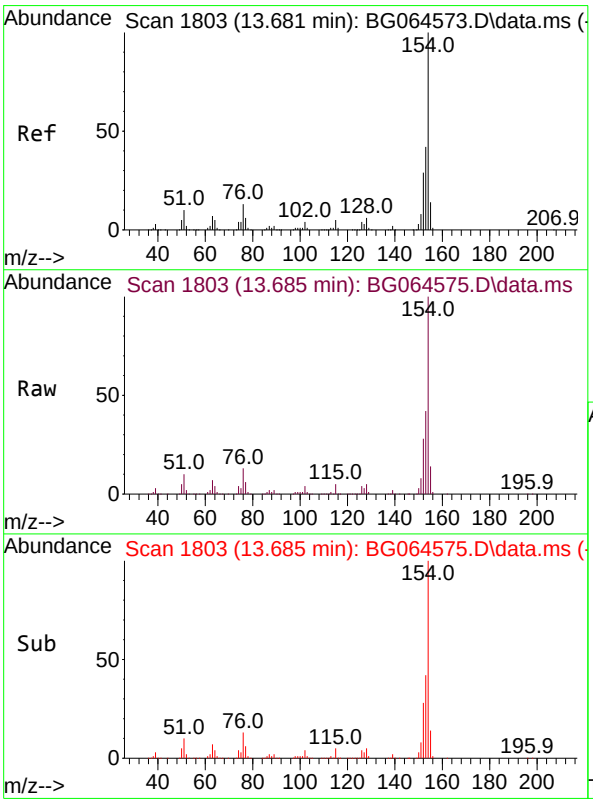
Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.0
170	24.9	19.1	28.7



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

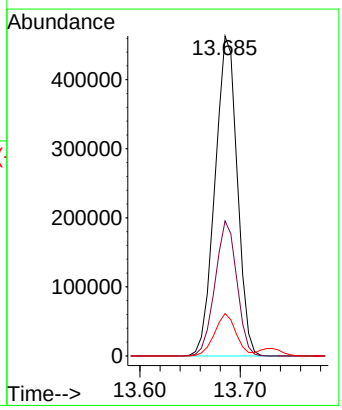
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

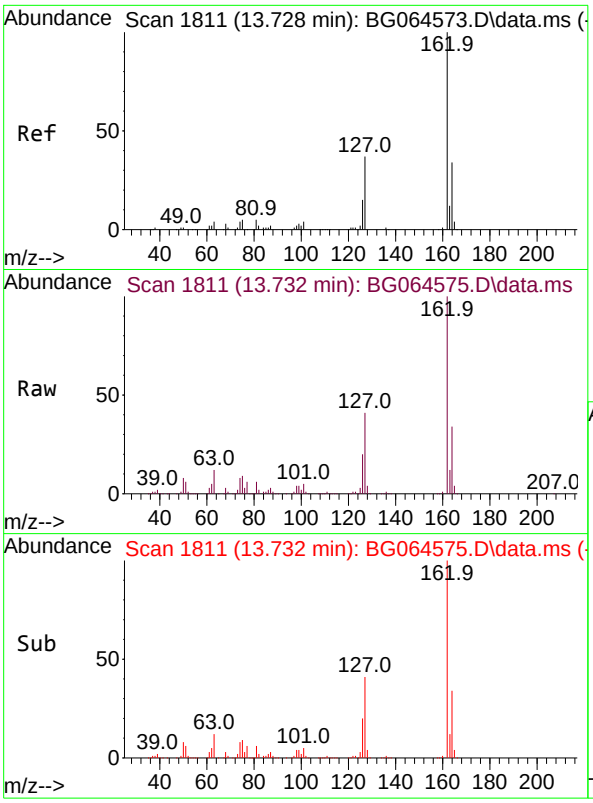


#46
1,1'-Biphenyl
Concen: 74.977 ng
RT: 13.685 min Scan# 1803
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:154 Resp: 713186

Ion	Ratio	Lower	Upper
154	100		
153	42.2	22.4	62.4
76	13.2	0.0	33.5

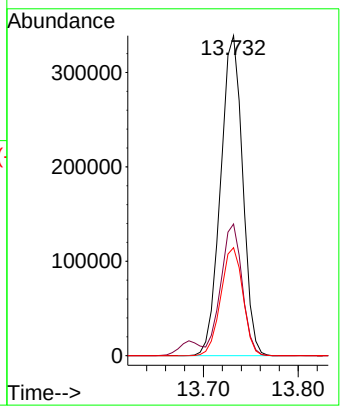




#47
2-Chloronaphthalene
Concen: 76.218 ng
RT: 13.732 min Scan# 18
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:162 Resp: 54724

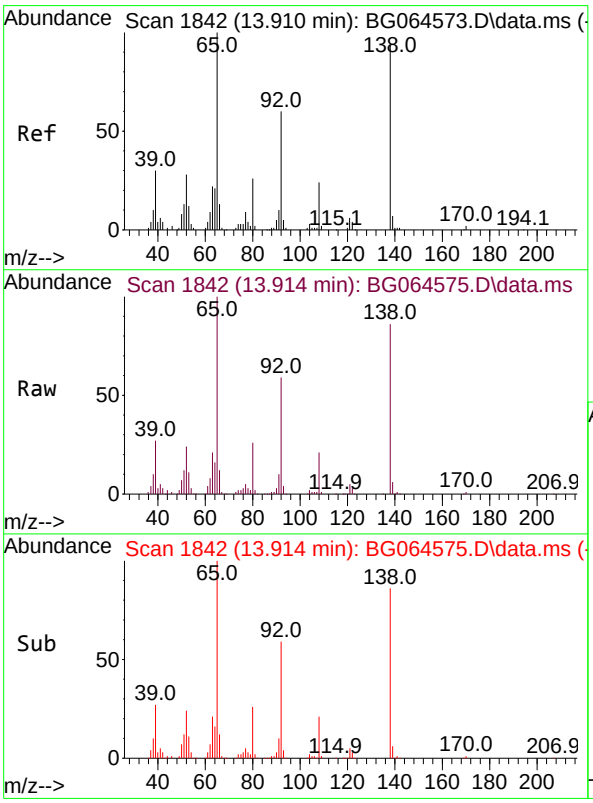
Ion	Ratio	Lower	Upper
162	100		
127	41.1	32.2	48.2
164	33.7	27.5	41.3



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

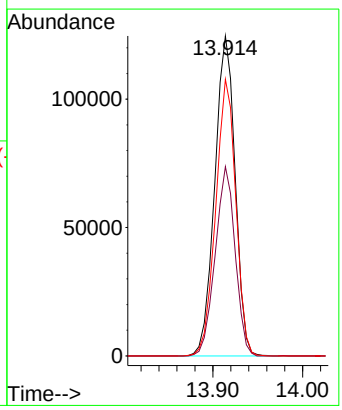
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

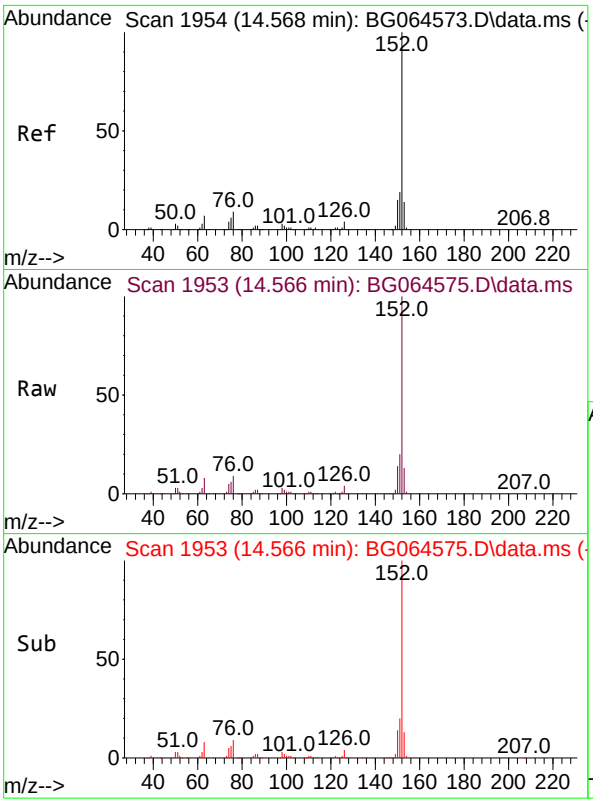


#48
2-Nitroaniline
Concen: 79.301 ng
RT: 13.914 min Scan# 1842
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion: 65 Resp: 196580

Ion	Ratio	Lower	Upper
65	100		
92	59.1	48.3	72.5
138	86.4	74.9	112.3

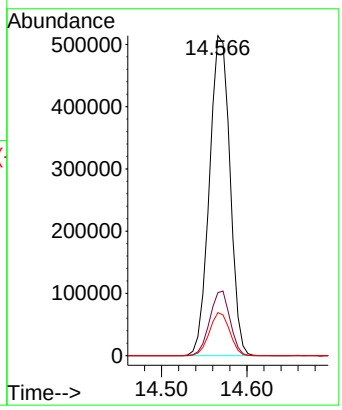




#49
Acenaphthylene
Concen: 75.806 ng
RT: 14.566 min Scan# 19
Delta R.T. -0.002 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:152 Resp: 858511

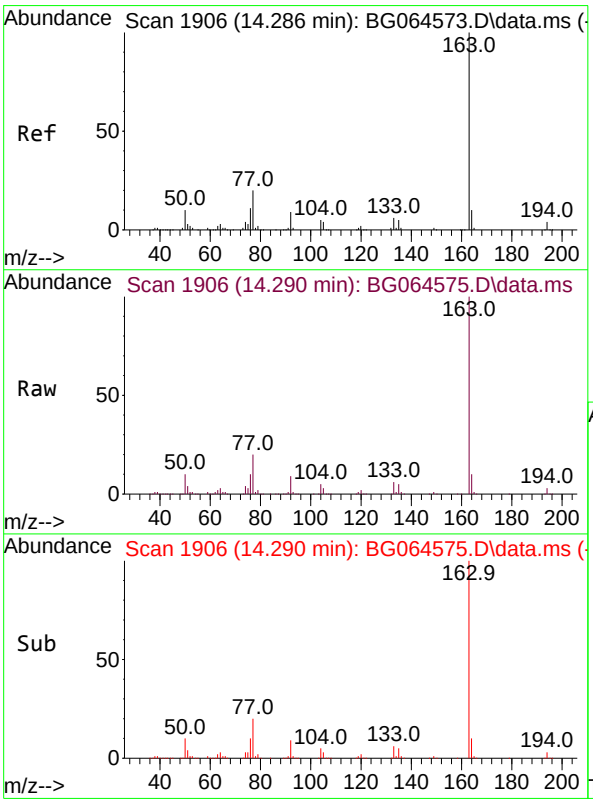
Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.4	23.2
153	13.5	11.0	16.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

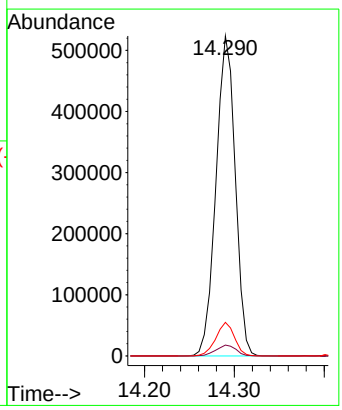
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

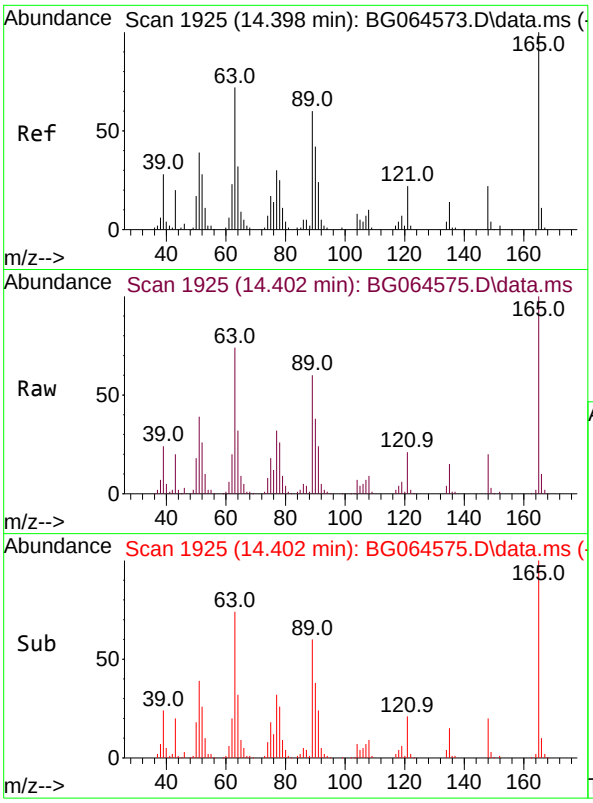


#50
Dimethylphthalate
Concen: 76.450 ng
RT: 14.290 min Scan# 1906
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:163 Resp: 782708

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.8	4.2
164	10.5	7.7	11.5

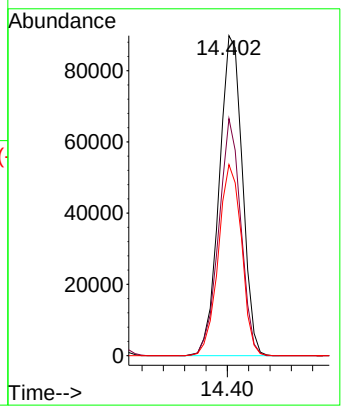




#51
2,6-Dinitrotoluene
Concen: 78.216 ng
RT: 14.402 min Scan# 19
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:165 Resp: 135769

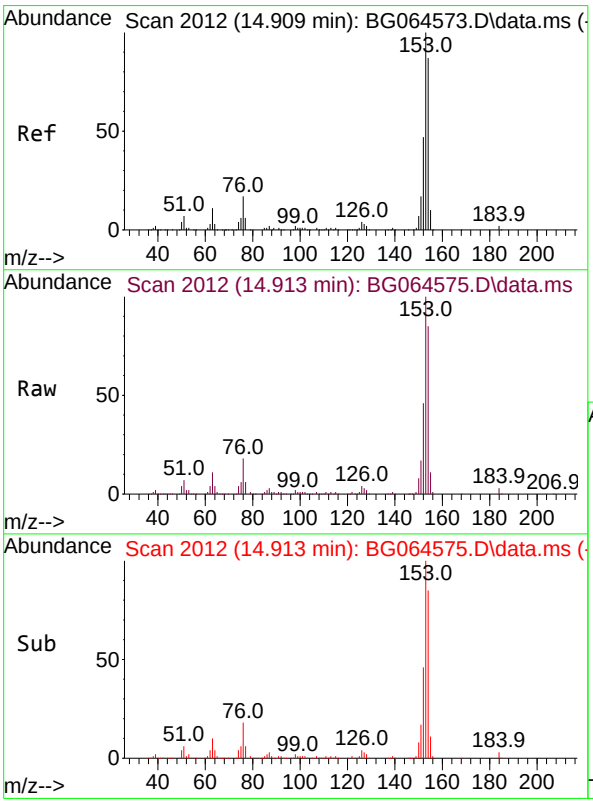
Ion	Ratio	Lower	Upper
165	100		
63	74.1	57.4	86.0
89	59.7	47.8	71.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

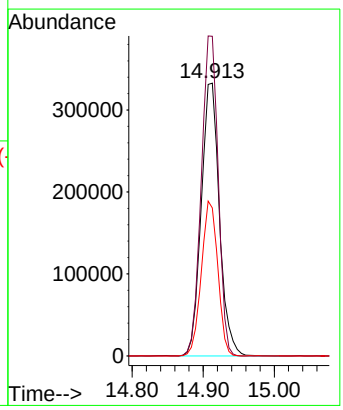
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

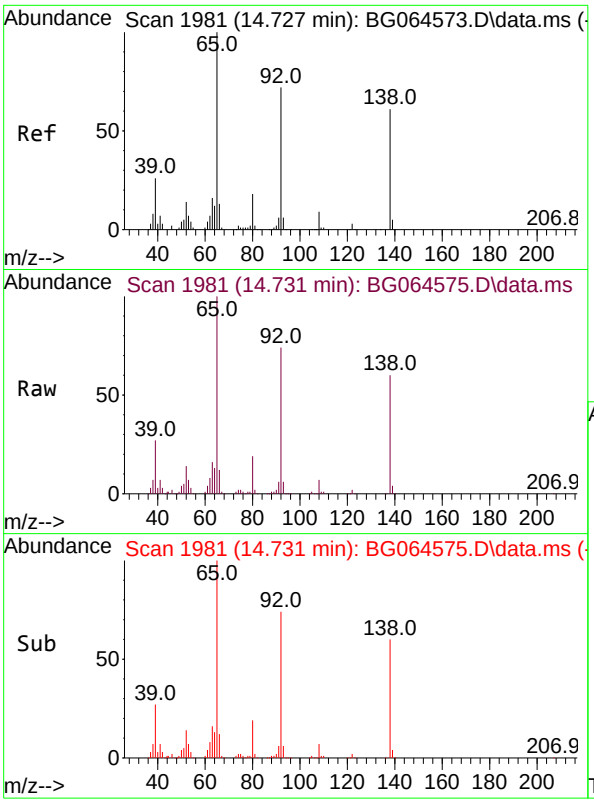


#52
Acenaphthene
Concen: 76.150 ng
RT: 14.913 min Scan# 2012
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:154 Resp: 589213

Ion	Ratio	Lower	Upper
154	100		
153	117.2	92.2	138.4
152	54.2	43.2	64.8

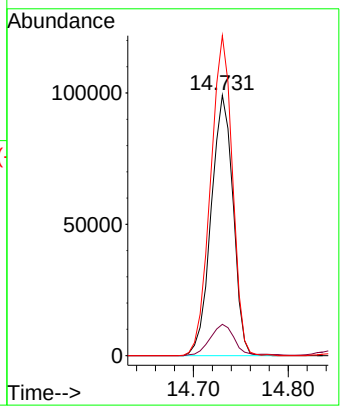




#53
3-Nitroaniline
Concen: 90.409 ng
RT: 14.731 min Scan# 19
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:138 Resp: 15907

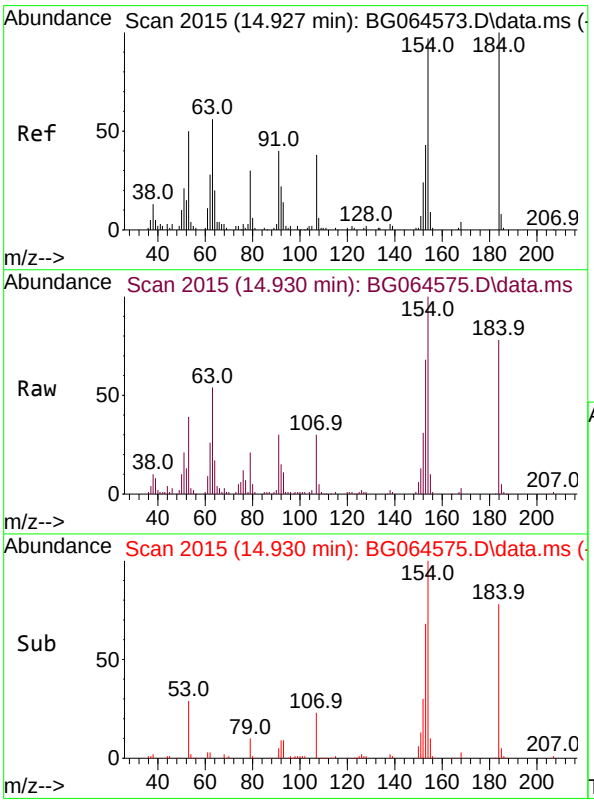
Ion	Ratio	Lower	Upper
138	100		
108	12.0	11.4	17.0
92	122.9	95.3	142.9



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

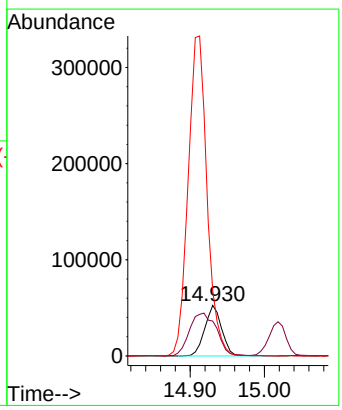
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

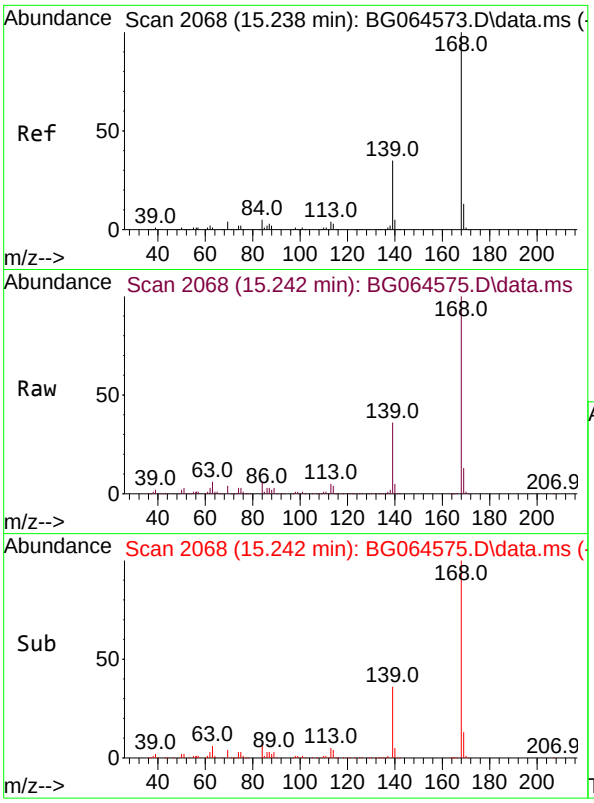


#54
2,4-Dinitrophenol
Concen: 79.755 ng
RT: 14.930 min Scan# 2015
Delta R.T. 0.003 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:184 Resp: 82655

Ion	Ratio	Lower	Upper
184	100		
63	69.0	56.6	85.0
154	128.4	158.6	238.0#

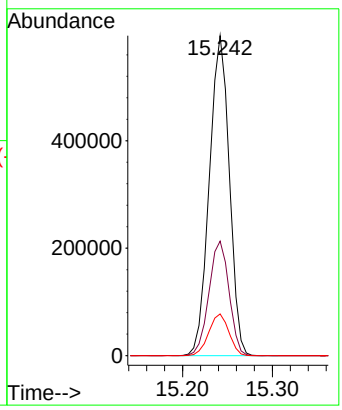




#55
Dibenzofuran
Concen: 73.816 ng
RT: 15.242 min Scan# 20
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:168 Resp: 92338

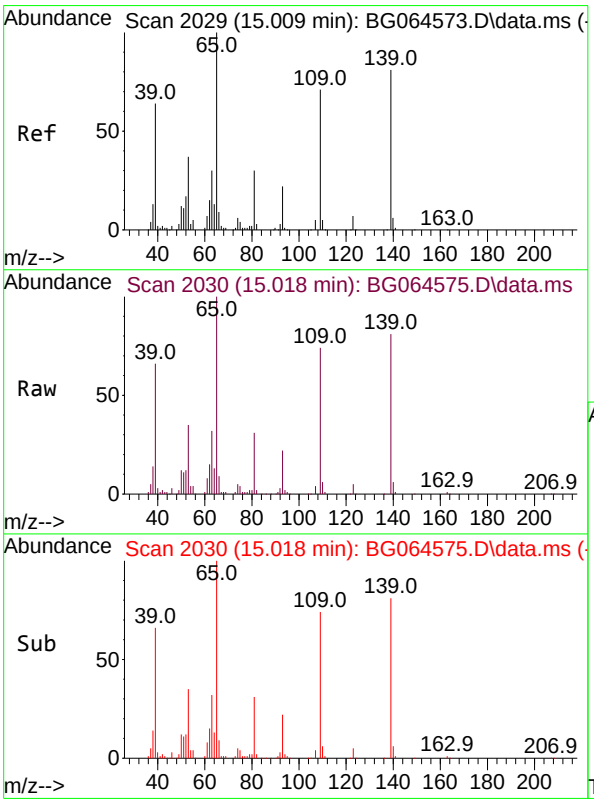
Ion	Ratio	Lower	Upper
168	100		
139	35.8	27.8	41.8
169	13.0	10.3	15.5



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

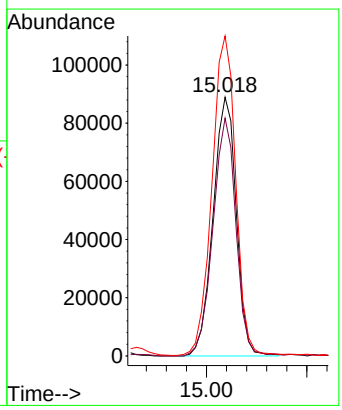
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

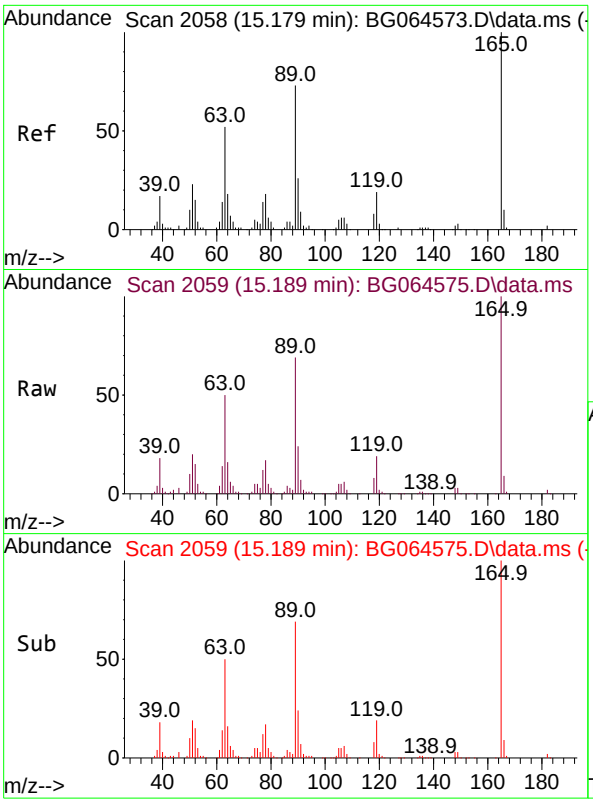


#56
4-Nitrophenol
Concen: 87.640 ng
RT: 15.018 min Scan# 2030
Delta R.T. 0.009 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:139 Resp: 142966

Ion	Ratio	Lower	Upper
139	100		
109	91.9	67.8	107.8
65	123.7	103.7	143.7

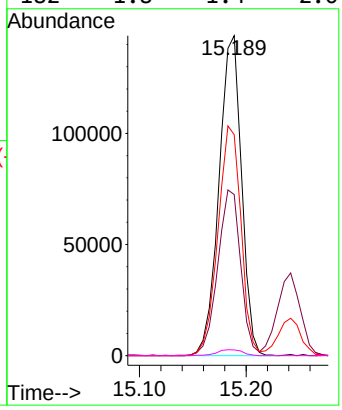




#57
2,4-Dinitrotoluene
Concen: 79.117 ng
RT: 15.189 min Scan# 2
Delta R.T. 0.010 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:165 Resp: 21216

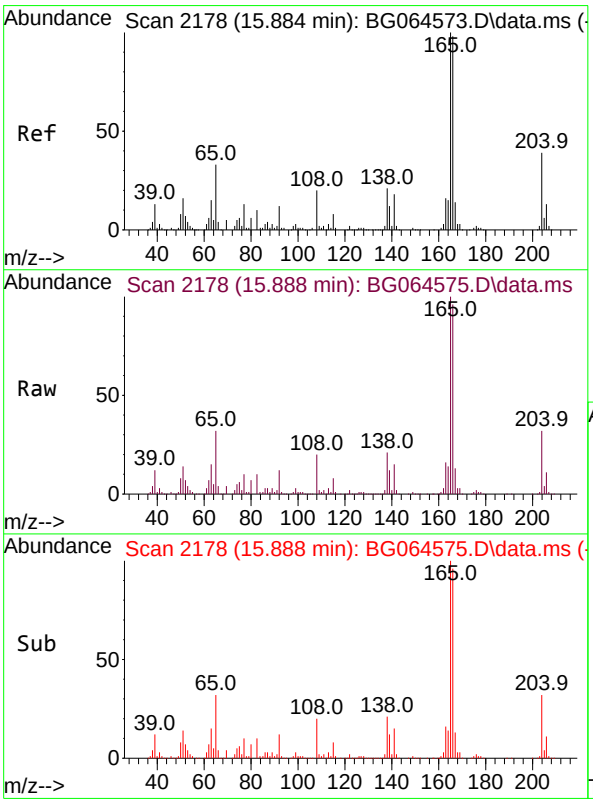
Ion	Ratio	Lower	Upper
165	100		
63	50.3	41.8	62.8
89	69.0	58.1	87.1
182	1.8	1.4	2.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

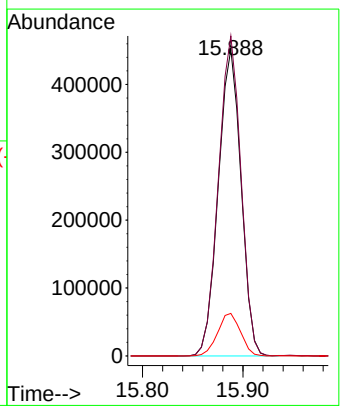
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

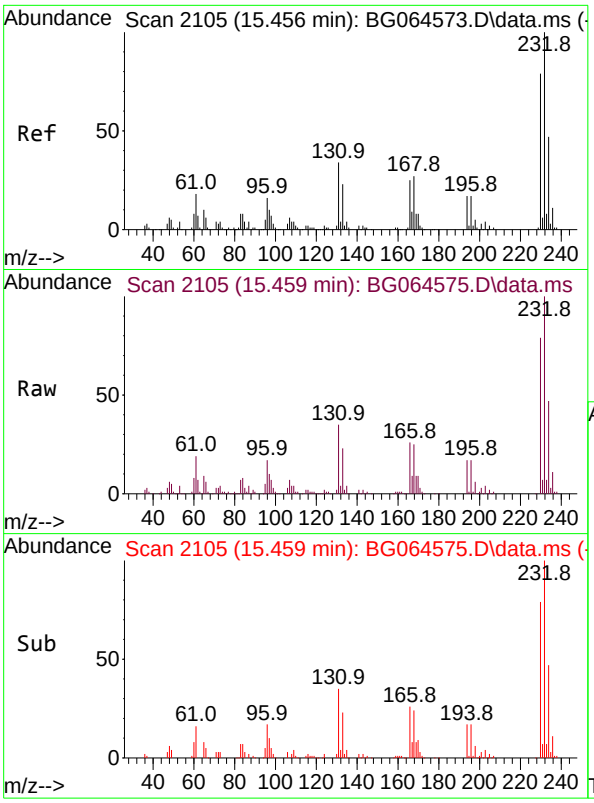


#58
Fluorene
Concen: 72.801 ng
RT: 15.888 min Scan# 2178
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:166 Resp: 711212

Ion	Ratio	Lower	Upper
166	100		
165	104.4	81.5	122.3
167	13.8	11.4	17.0

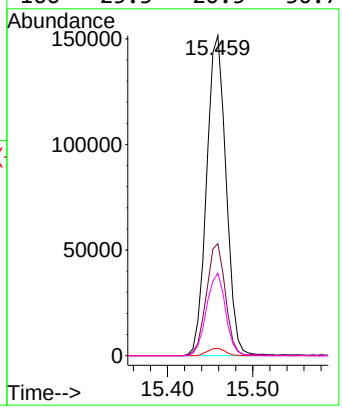




#59
2,3,4,6-Tetrachlorophenol
Concen: 84.708 ng
RT: 15.459 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:232 Resp: 240094

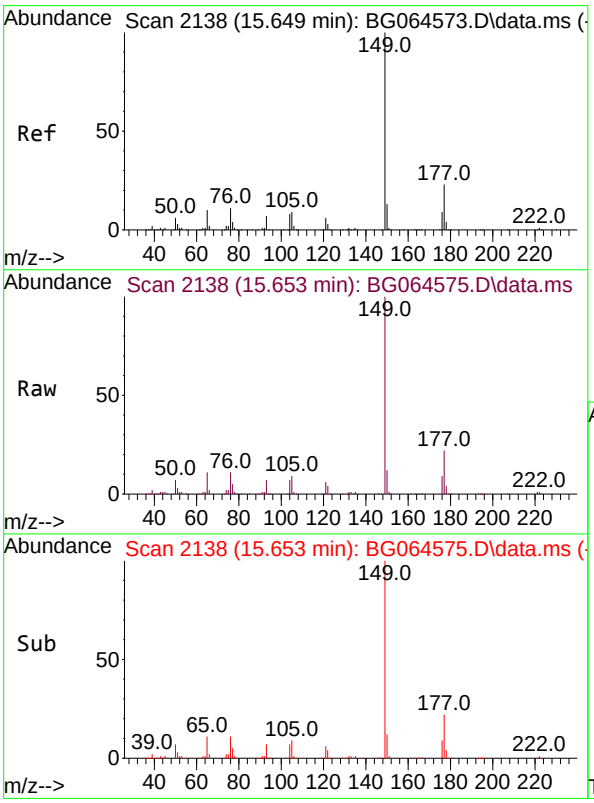
Ion	Ratio	Lower	Upper
232	100		
131	34.1	26.7	40.1
130	2.1	1.6	2.4
166	25.3	20.5	30.7



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

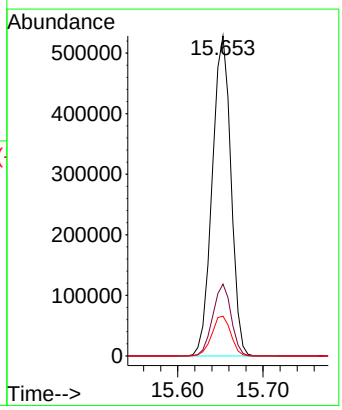
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

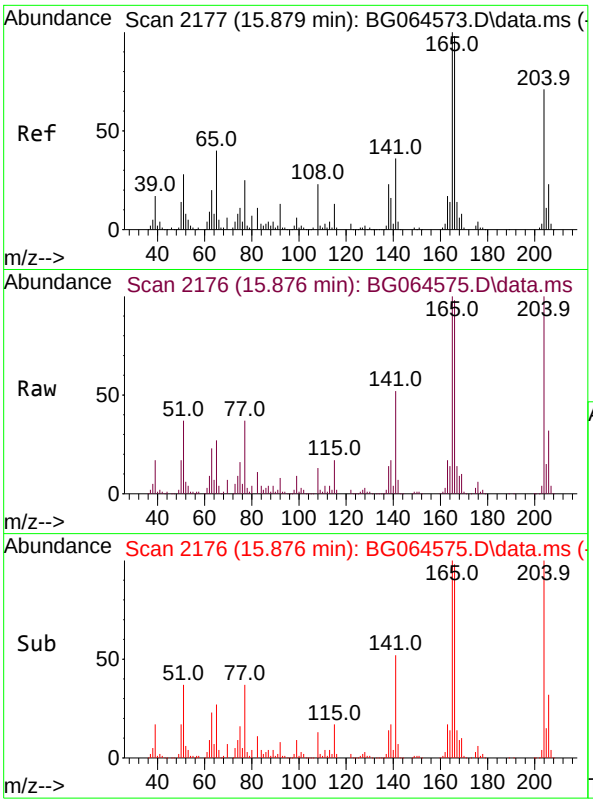


#60
Diethylphthalate
Concen: 76.874 ng
RT: 15.653 min Scan# 2138
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:149 Resp: 803621

Ion	Ratio	Lower	Upper
149	100		
177	22.4	18.0	27.0
150	12.4	10.2	15.4

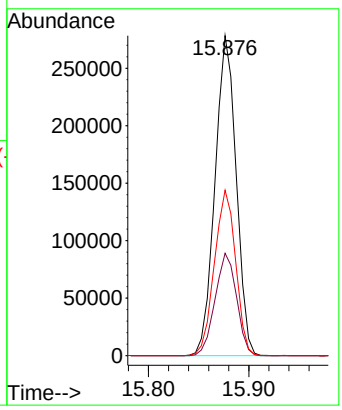




#61
4-Chlorophenyl-phenylether
Concen: 74.463 ng
RT: 15.876 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:204 Resp: 40823

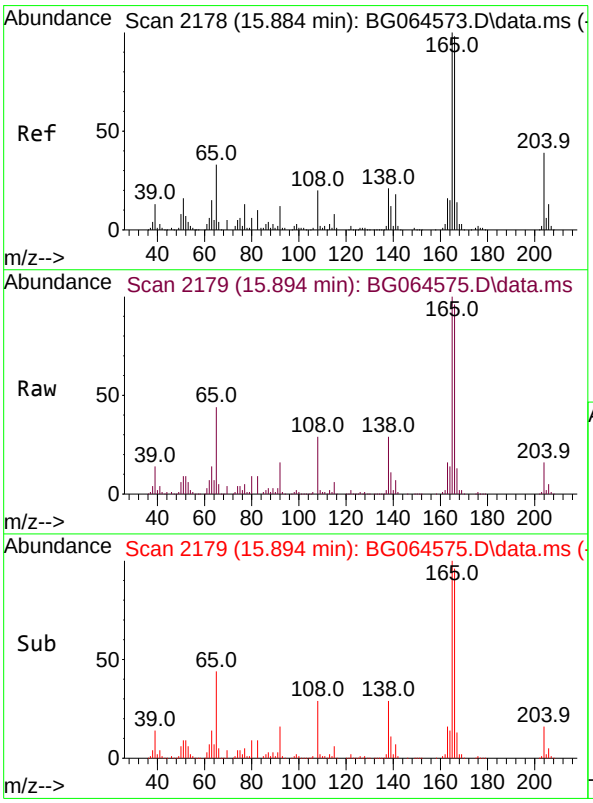
Ion	Ratio	Lower	Upper
204	100		
206	32.0	25.6	38.4
141	51.7	40.6	60.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

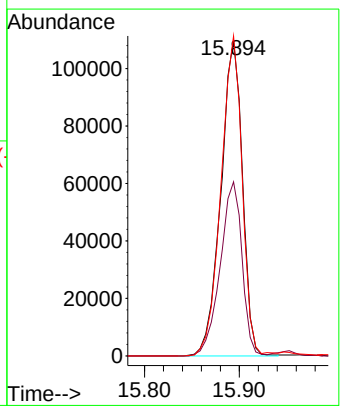
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

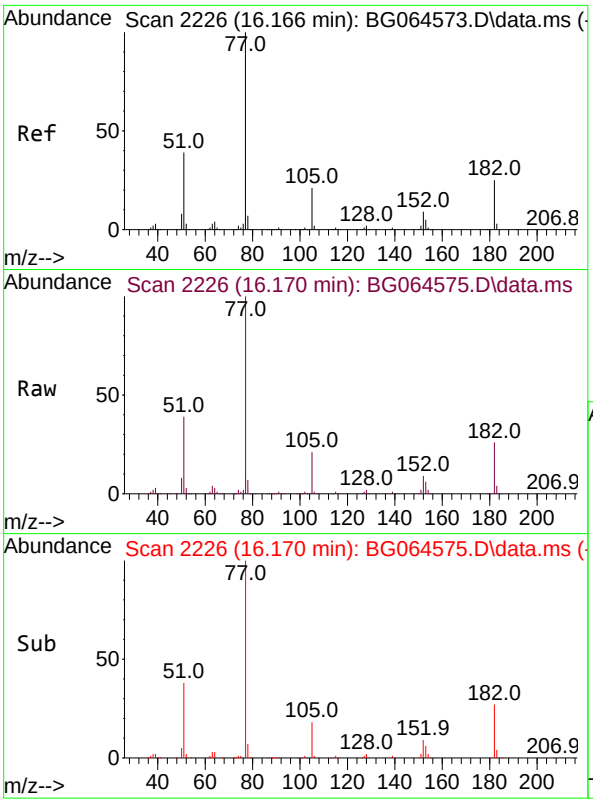


#62
4-Nitroaniline
Concen: 88.462 ng
RT: 15.894 min Scan# 2179
Delta R.T. 0.009 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:138 Resp: 173159

Ion	Ratio	Lower	Upper
138	100		
92	55.1	36.1	76.1
108	101.4	75.6	115.6

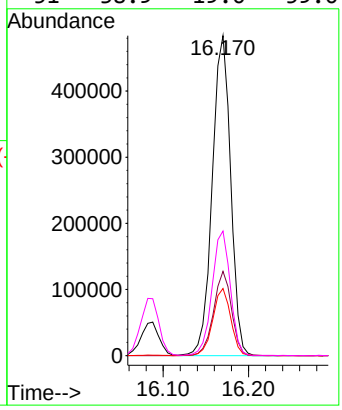




#63
Azobenzene
Concen: 75.482 ng
RT: 16.170 min Scan# 2
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion: 77 Resp: 72398

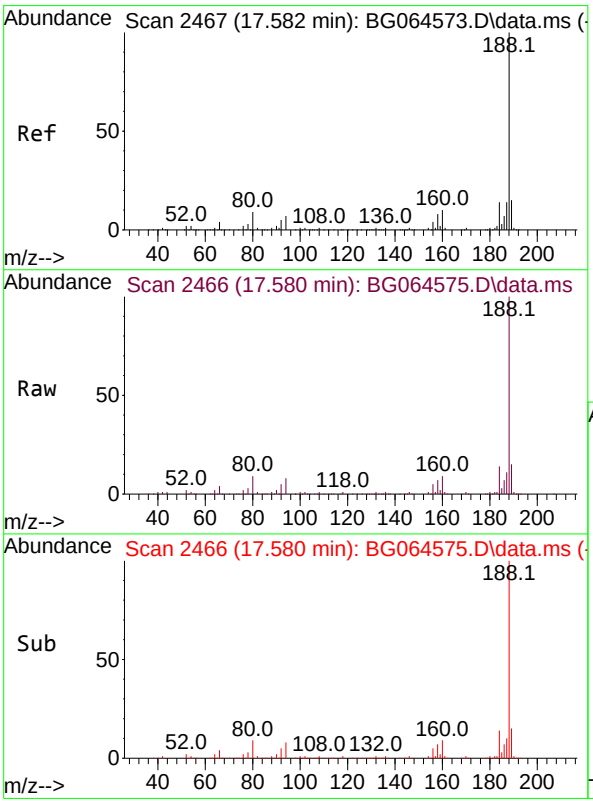
Ion	Ratio	Lower	Upper
77	100		
182	26.3	4.9	44.9
105	21.0	1.3	41.3
51	38.9	19.0	59.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

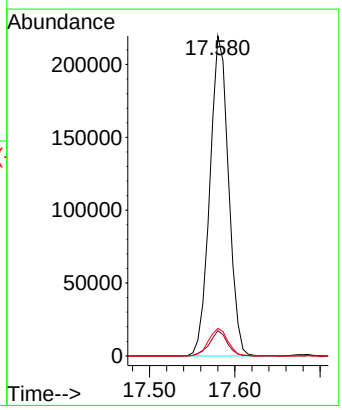
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

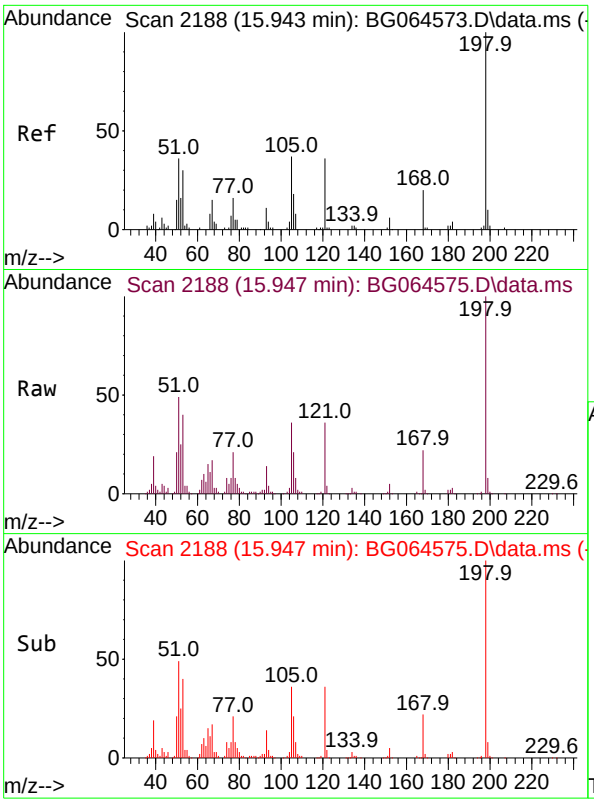


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.580 min Scan# 2466
Delta R.T. -0.002 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:188 Resp: 333421

Ion	Ratio	Lower	Upper
188	100		
94	7.9	5.7	8.5
80	8.6	6.8	10.2

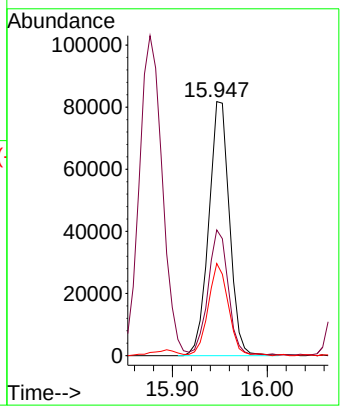




#65
4,6-Dinitro-2-methylphenol
Concen: 80.450 ng
RT: 15.947 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:198 Resp: 12410

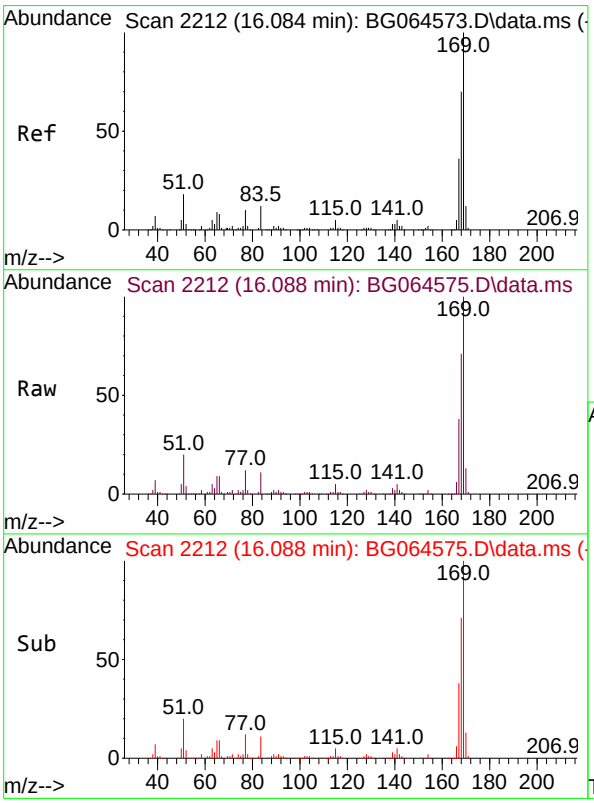
Ion	Ratio	Lower	Upper
198	100		
51	49.5	24.7	64.7
105	36.3	18.0	58.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

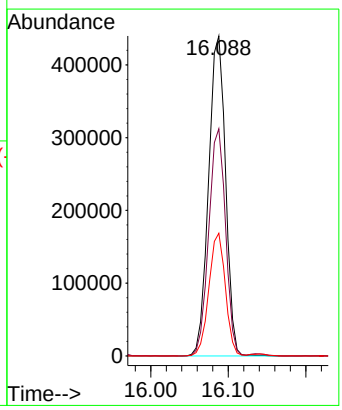
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

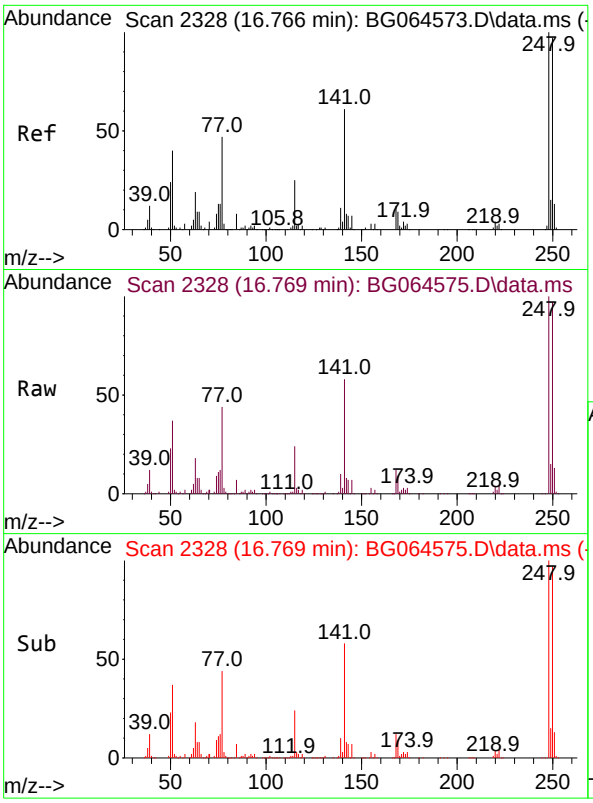


#66
n-Nitrosodiphenylamine
Concen: 74.020 ng
RT: 16.088 min Scan# 2212
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:169 Resp: 666665

Ion	Ratio	Lower	Upper
169	100		
168	71.0	56.3	84.5
167	38.3	29.0	43.6

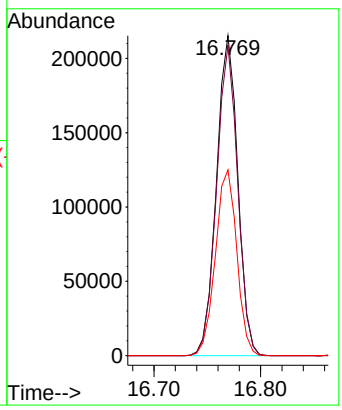




#67
4-Bromophenyl-phenylether
Concen: 75.762 ng
RT: 16.769 min Scan# 2
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:248 Resp: 29934

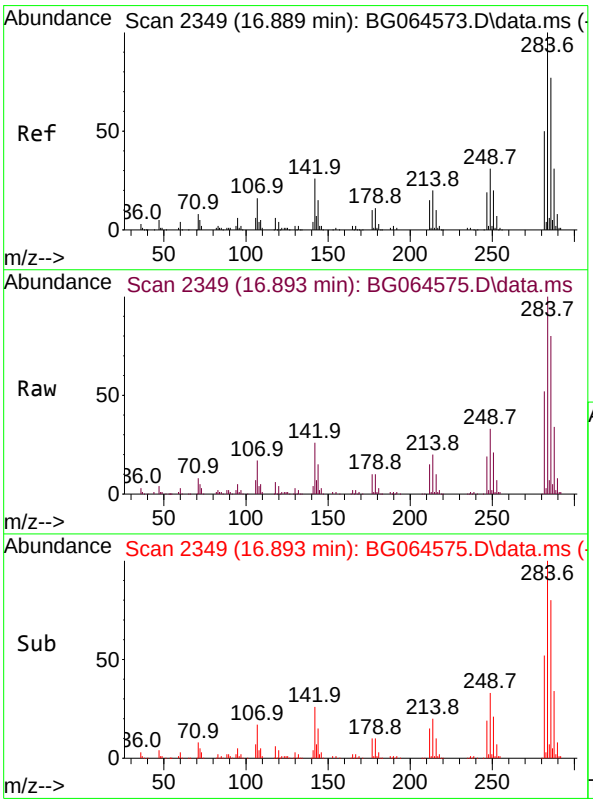
Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.7	116.5
141	58.0	48.6	72.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

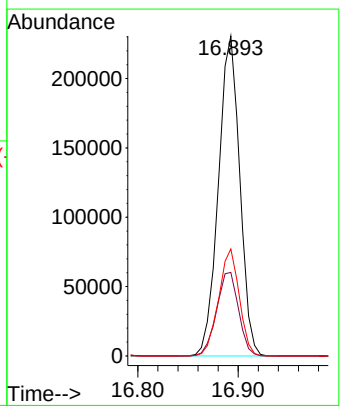
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

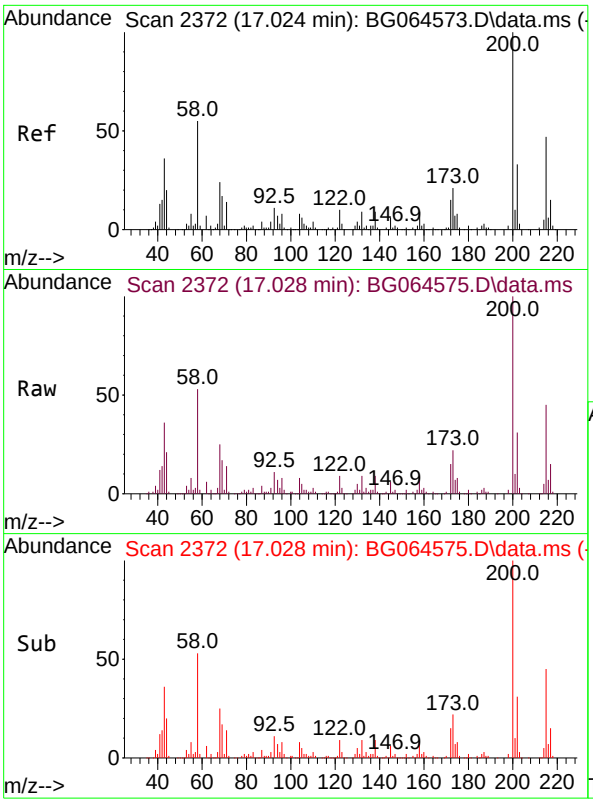


#68
Hexachlorobenzene
Concen: 75.724 ng
RT: 16.893 min Scan# 2349
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:284 Resp: 341338

Ion	Ratio	Lower	Upper
284	100		
142	26.1	21.0	31.6
249	35.4	24.9	37.3

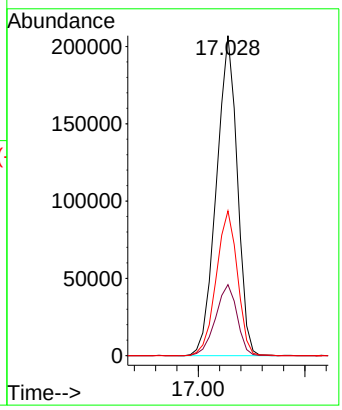




#69
Atrazine
Concen: 72.745 ng
RT: 17.028 min Scan# 2
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:200 Resp: 28195

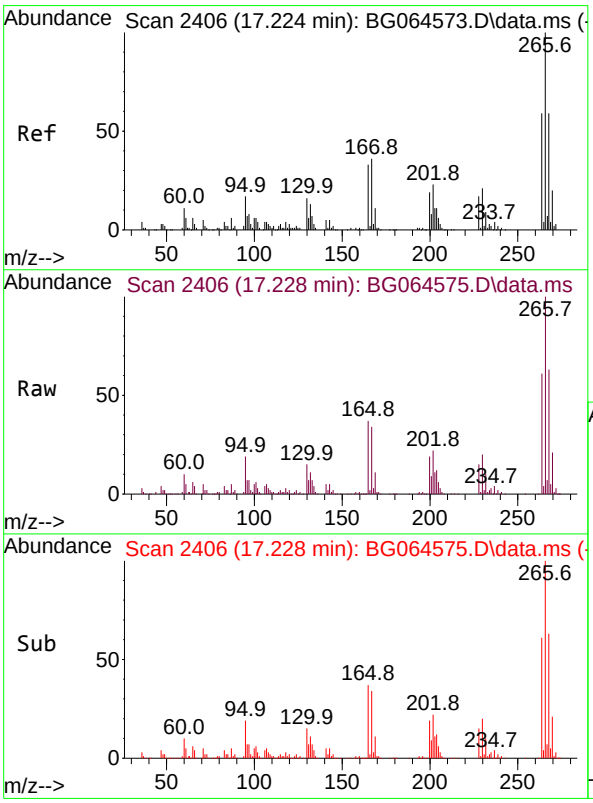
Ion	Ratio	Lower	Upper
200	100		
173	22.2	0.9	40.9
215	45.2	27.0	67.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

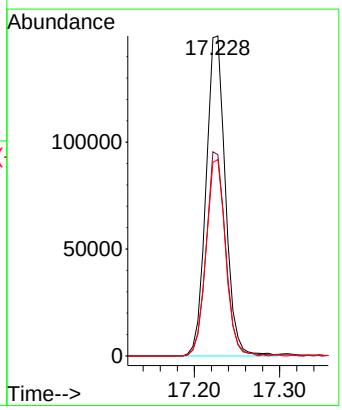
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

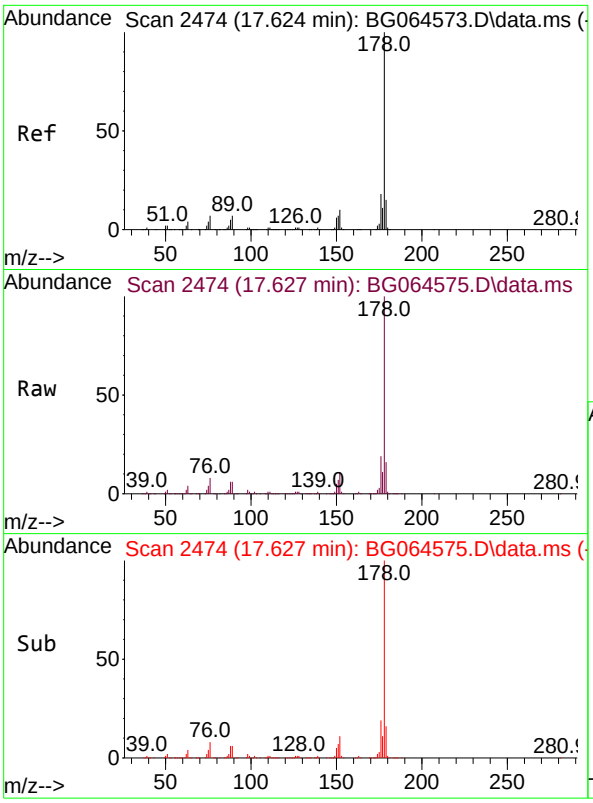


#70
Pentachlorophenol
Concen: 83.771 ng
RT: 17.228 min Scan# 2406
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:266 Resp: 235472

Ion	Ratio	Lower	Upper
266	100		
268	67.7	50.3	75.5
264	65.8	47.3	70.9

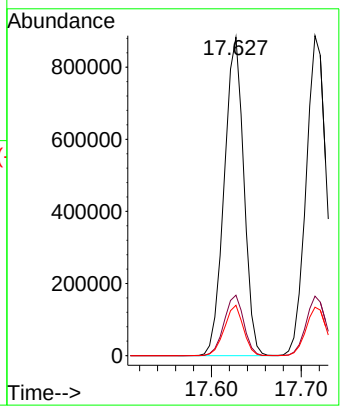




#71
Phenanthrene
Concen: 73.525 ng
RT: 17.627 min Scan# 24
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:178 Resp: 134061

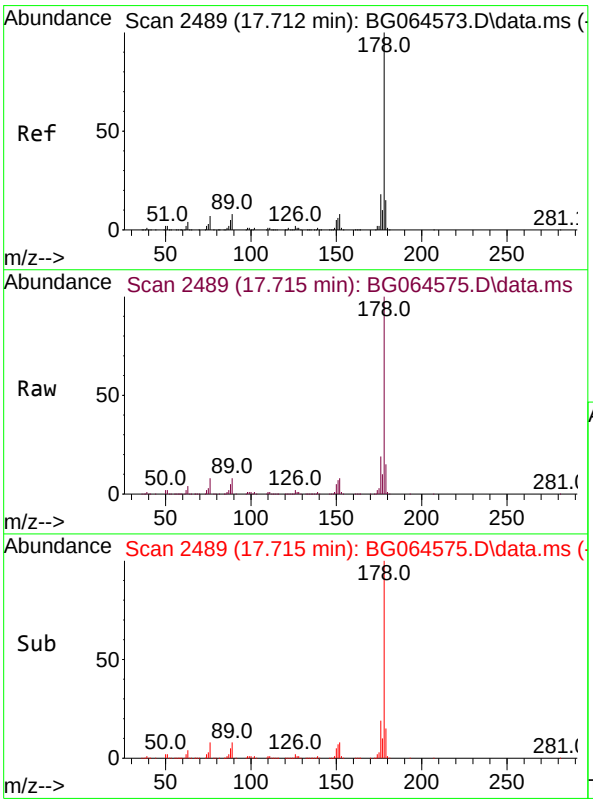
Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.7	22.1
179	15.8	12.2	18.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

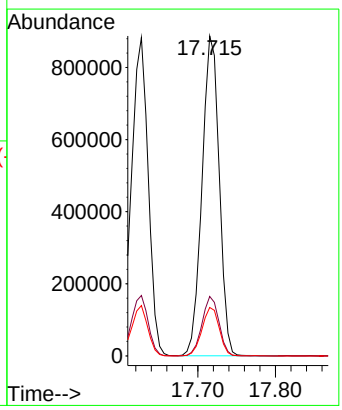
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

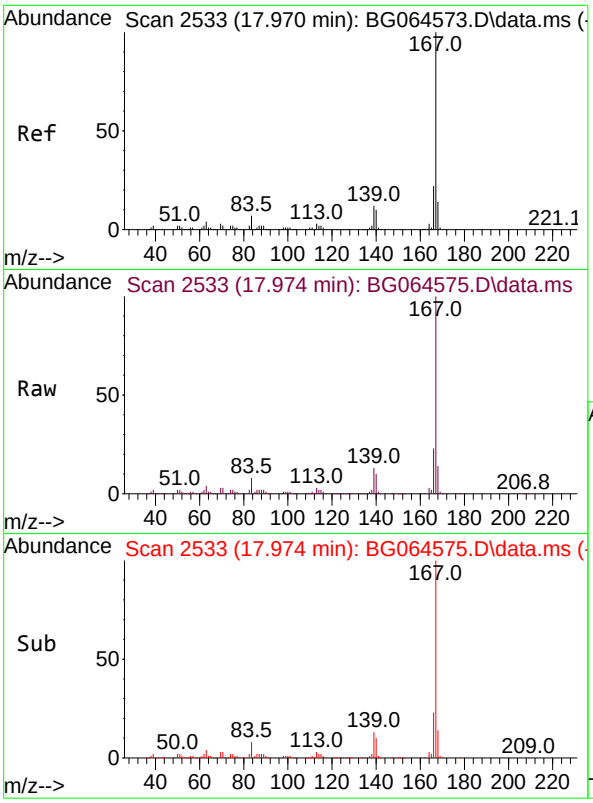


#72
Anthracene
Concen: 73.704 ng
RT: 17.715 min Scan# 2489
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:178 Resp: 1367044

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.4	21.6
179	15.1	12.4	18.6

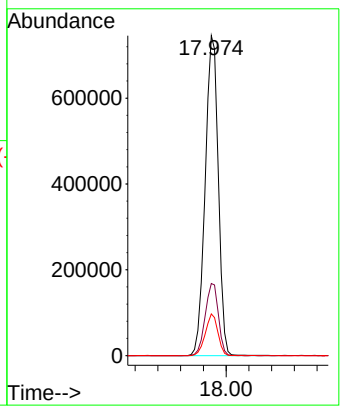




#73
Carbazole
Concen: 73.122 ng
RT: 17.974 min Scan# 2
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:167 Resp: 119596

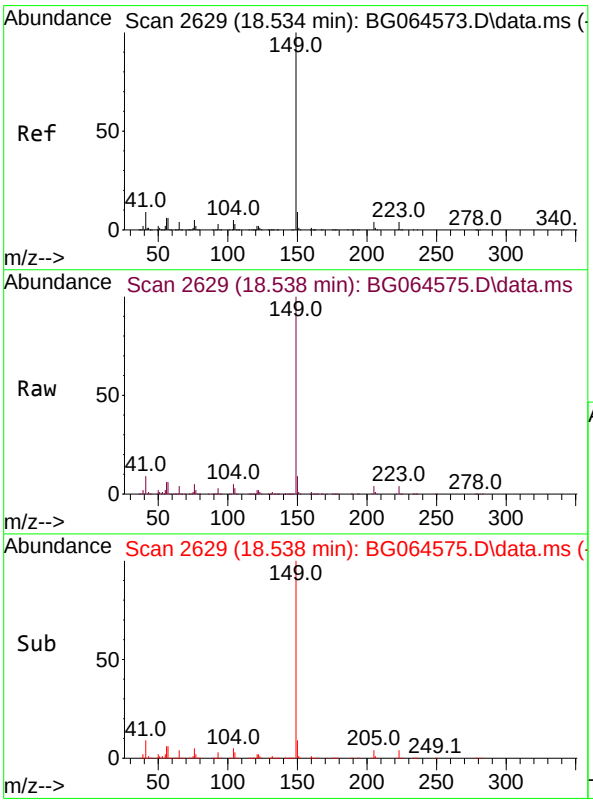
Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.9	26.9
139	13.0	9.7	14.5



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

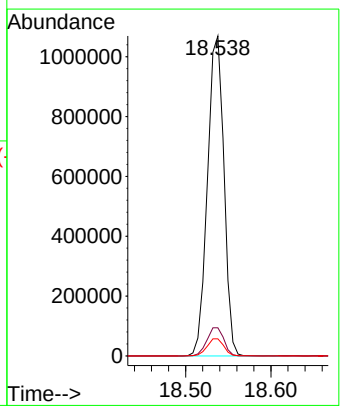
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

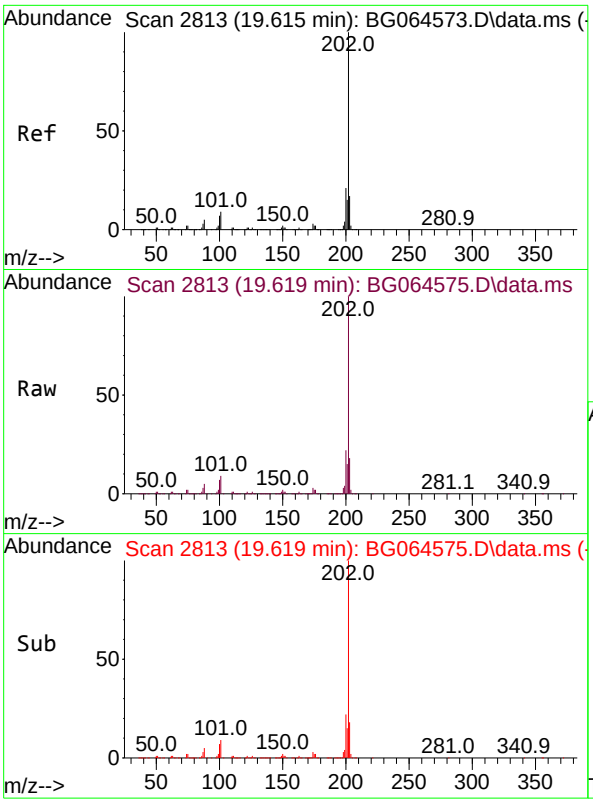


#74
Di-n-butylphthalate
Concen: 75.790 ng
RT: 18.538 min Scan# 2629
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:149 Resp: 1433446

Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.0	10.6
104	5.4	4.1	6.1

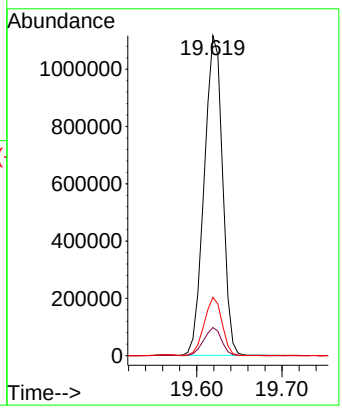




#75
Fluoranthene
Concen: 72.835 ng
RT: 19.619 min Scan# 2
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:202 Resp: 166367

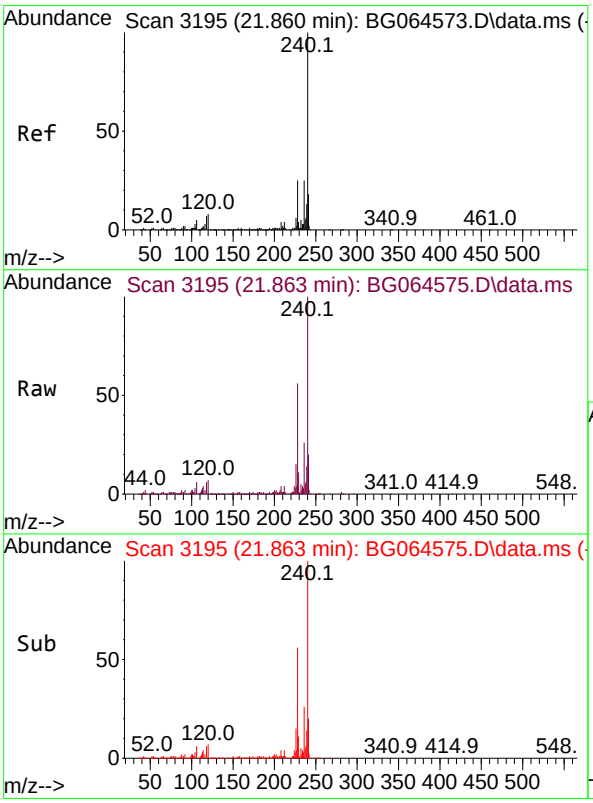
Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	28.7
203	18.2	0.0	37.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

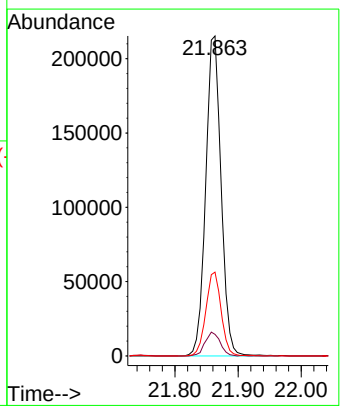
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

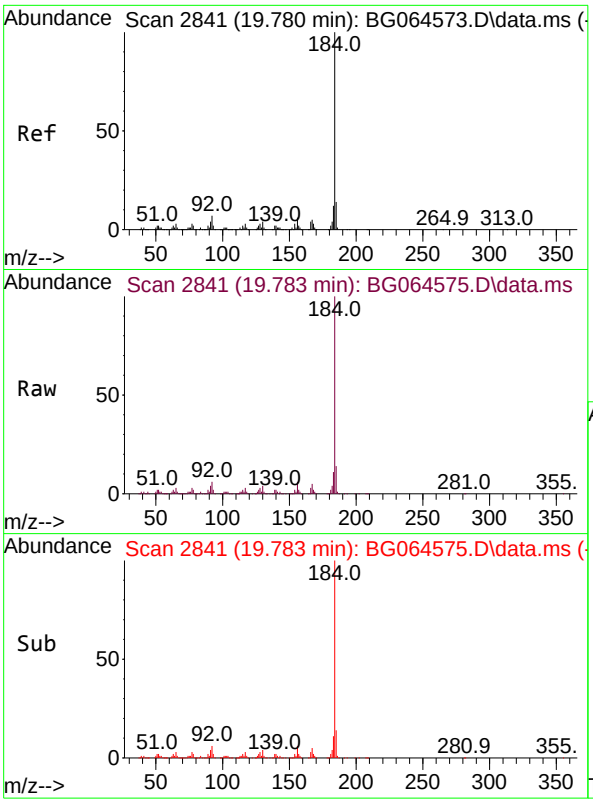


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.863 min Scan# 3195
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:240 Resp: 363291

Ion	Ratio	Lower	Upper
240	100		
120	6.7	6.5	9.7
236	26.2	20.2	30.2

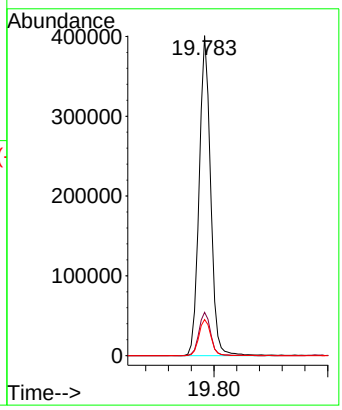




#77
Benzidine
Concen: 68.376 ng
RT: 19.783 min Scan# 28
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:184 Resp: 556525

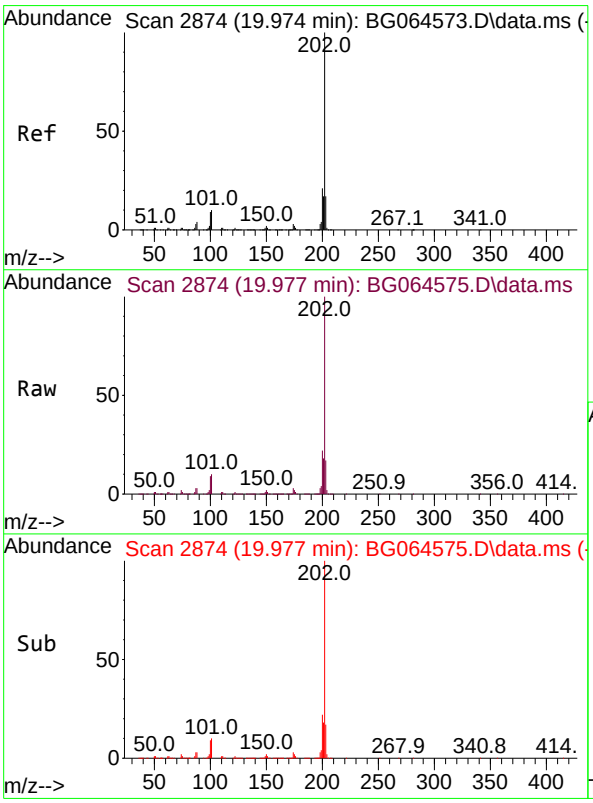
Ion	Ratio	Lower	Upper
184	100		
185	13.5	11.4	17.2
183	11.3	9.4	14.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

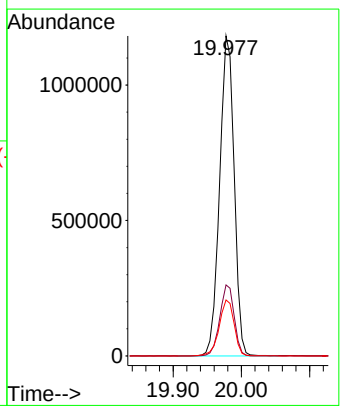
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

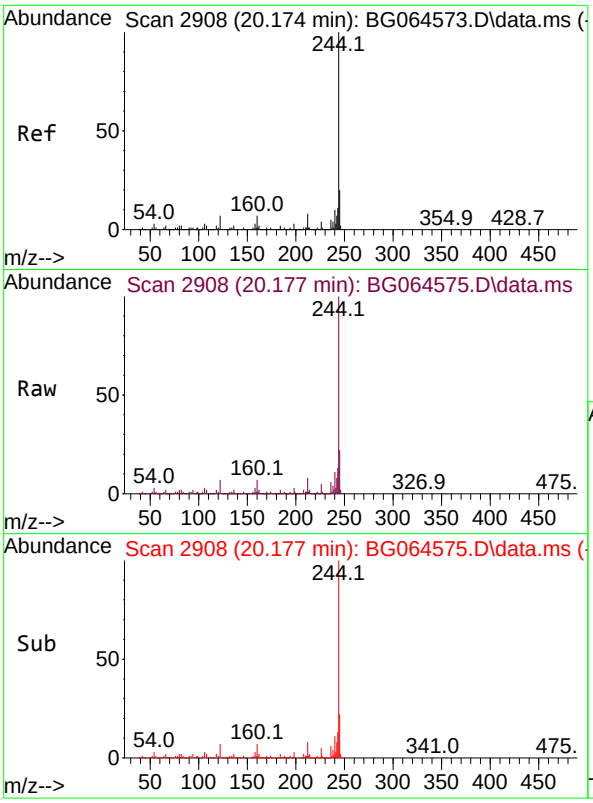


#78
Pyrene
Concen: 73.215 ng
RT: 19.977 min Scan# 2874
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:202 Resp: 1737788

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.0	25.4
203	17.5	13.8	20.6





#79
Terphenyl-d14
Concen: 140.125 ng
RT: 20.177 min Scan# 29
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

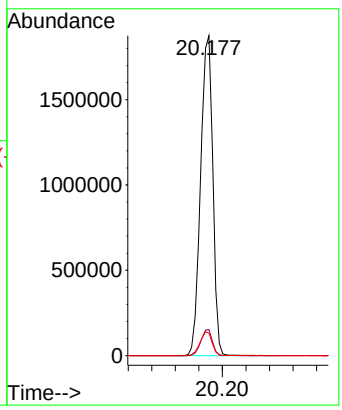
Tgt Ion:244 Resp: 269749

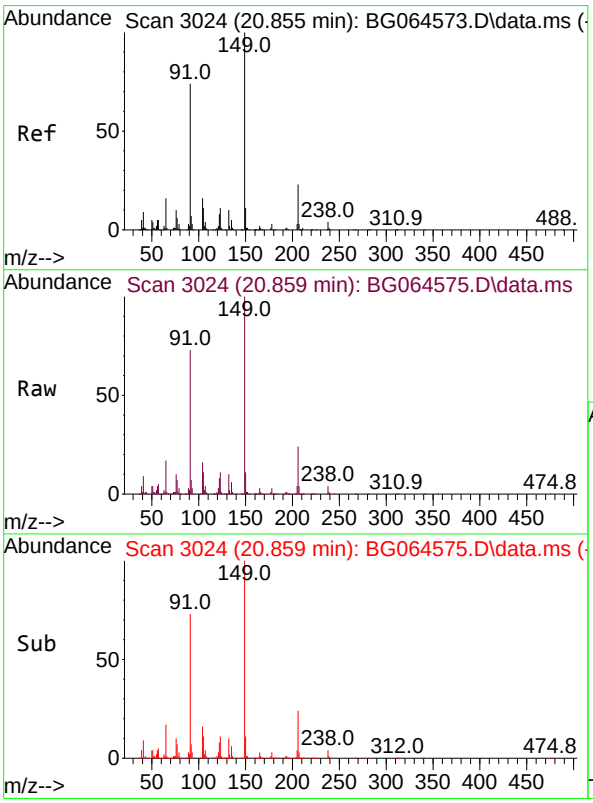
Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.1	9.1
122	7.0	5.6	8.4

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

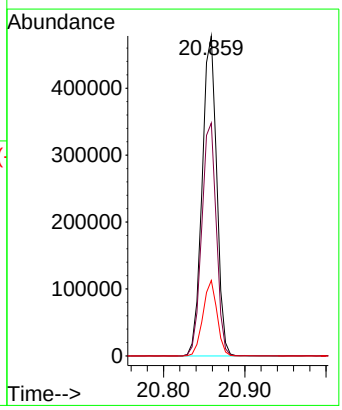


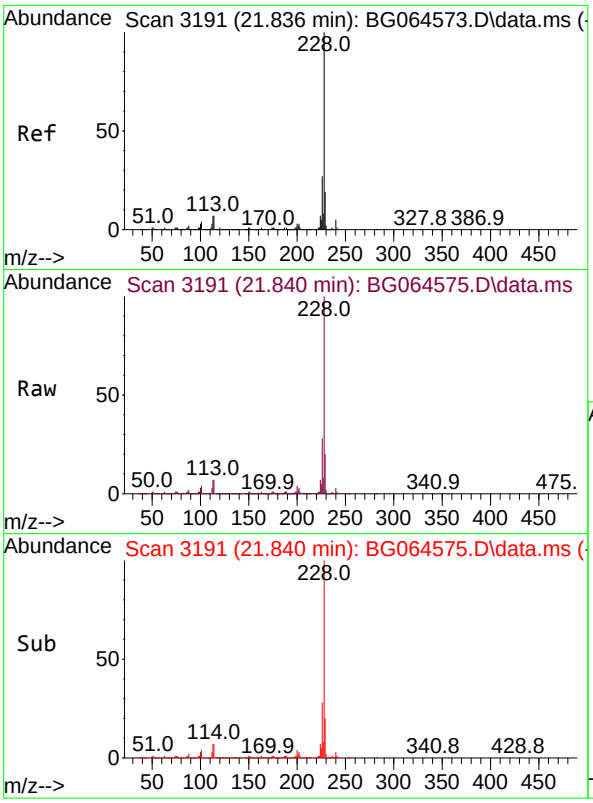


#80
Butylbenzylphthalate
Concen: 82.988 ng
RT: 20.859 min Scan# 3024
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:149 Resp: 595333

Ion	Ratio	Lower	Upper
149	100		
91	72.8	59.2	88.8
206	23.6	18.1	27.1

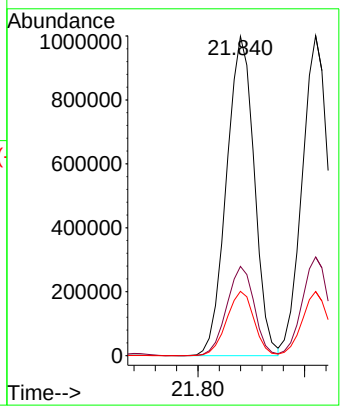




#81
Benzo(a)anthracene
Concen: 74.959 ng
RT: 21.840 min Scan# 31
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:228 Resp: 180562

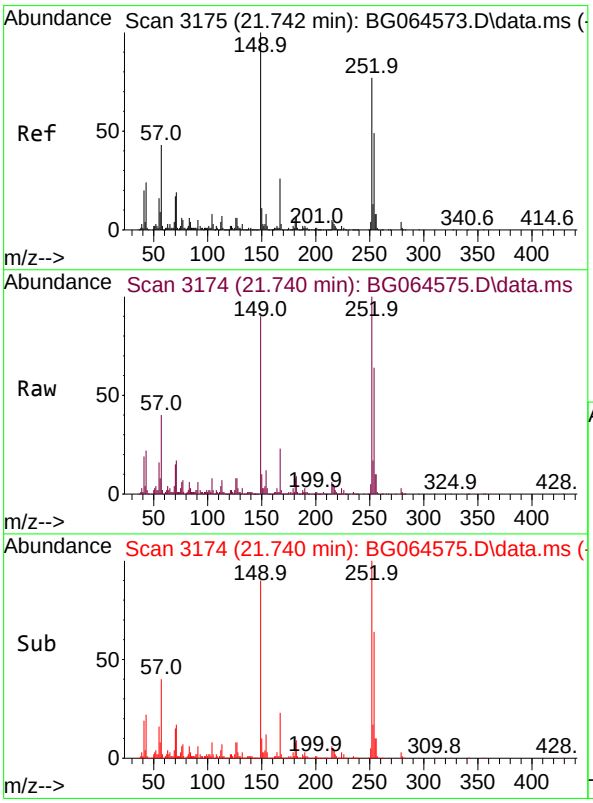
Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.9	32.9
229	20.1	15.6	23.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

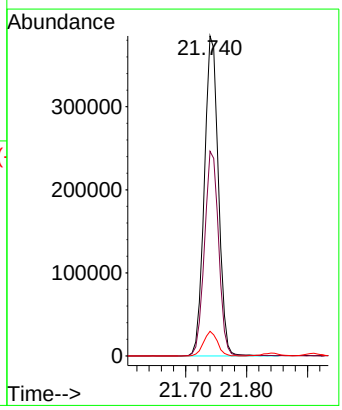
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

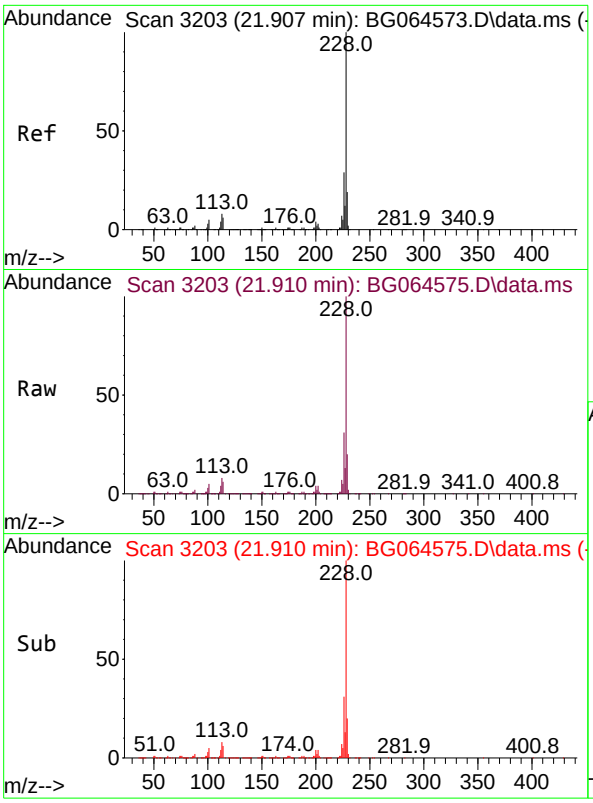


#82
3,3'-Dichlorobenzidine
Concen: 76.524 ng
RT: 21.740 min Scan# 3174
Delta R.T. -0.002 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:252 Resp: 615546

Ion	Ratio	Lower	Upper
252	100		
254	63.9	50.8	76.2
126	7.7	5.8	8.6

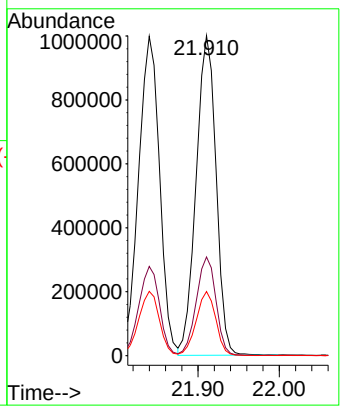




#83
Chrysene
Concen: 74.368 ng
RT: 21.910 min Scan# 3
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:228 Resp: 170453

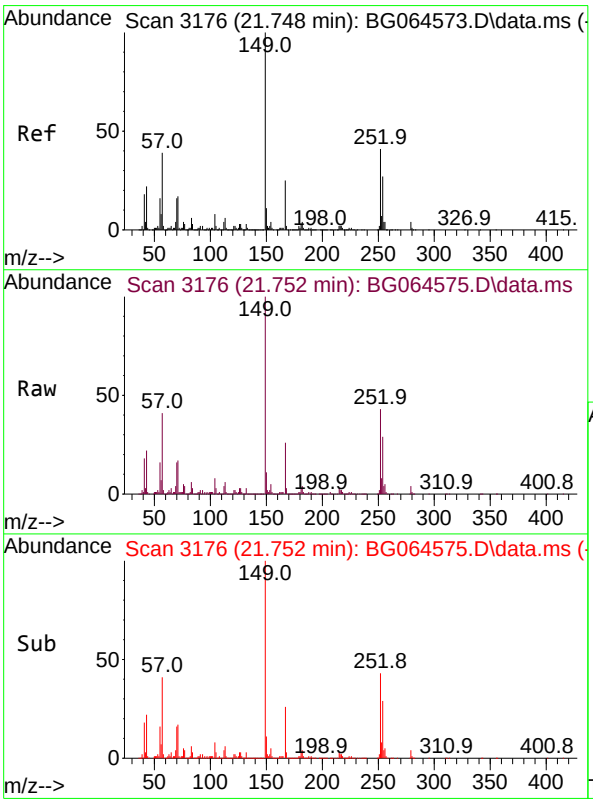
Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.3	34.9
229	20.0	15.2	22.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

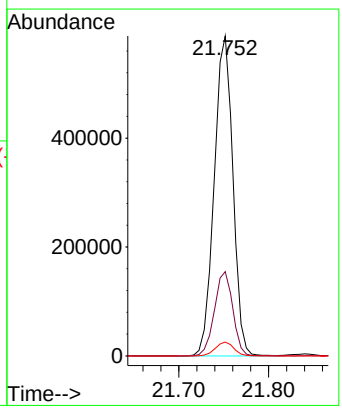
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

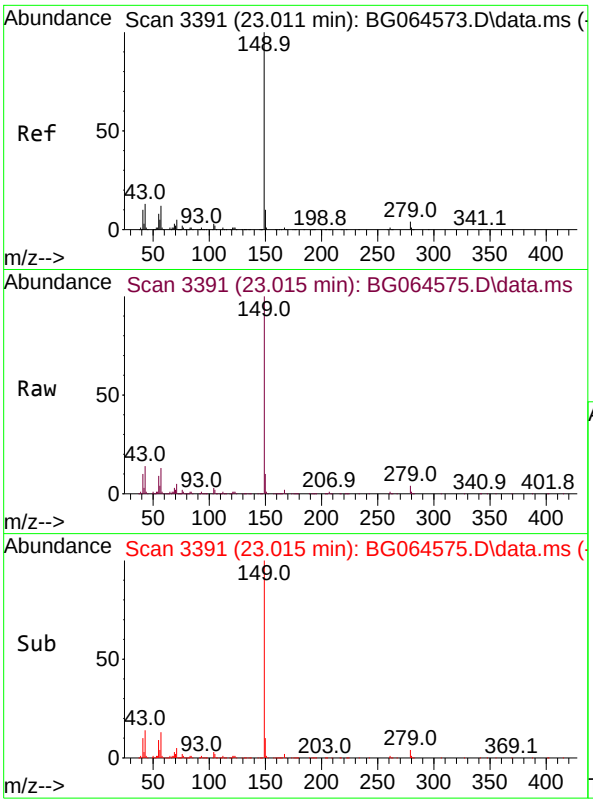


#84
Bis(2-ethylhexyl)phthalate
Concen: 79.672 ng
RT: 21.752 min Scan# 3176
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:149 Resp: 854027

Ion	Ratio	Lower	Upper
149	100		
167	26.3	20.0	30.0
279	4.3	3.1	4.7





#85
Di-n-octyl phthalate
Concen: 79.289 ng
RT: 23.015 min Scan# 3
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

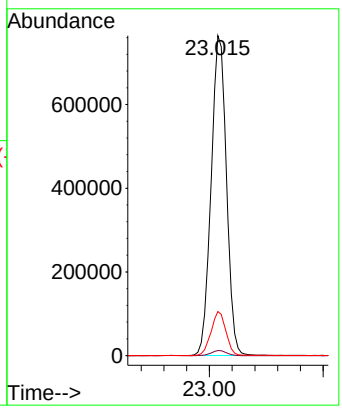
Tgt Ion:149 Resp: 143295

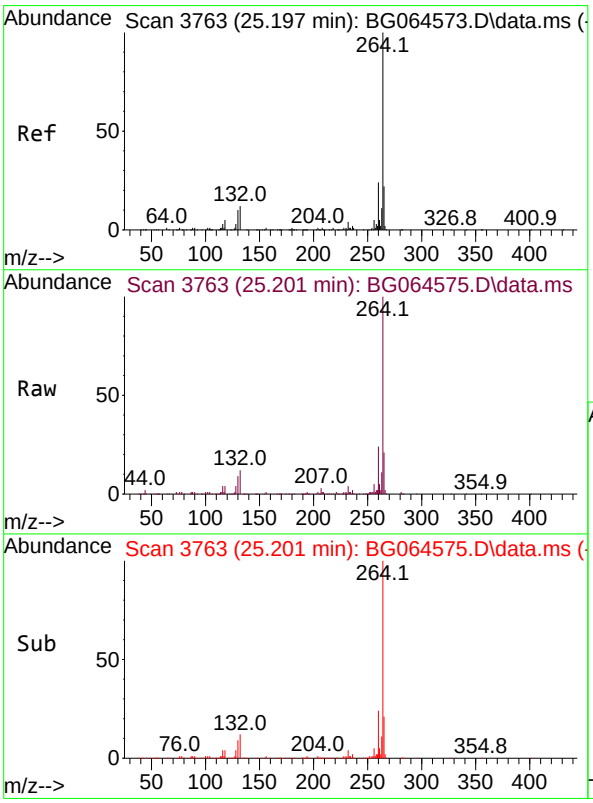
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	13.5	10.8	16.2

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

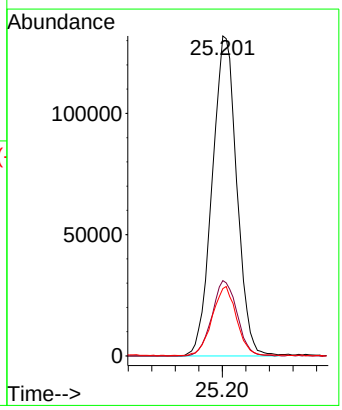


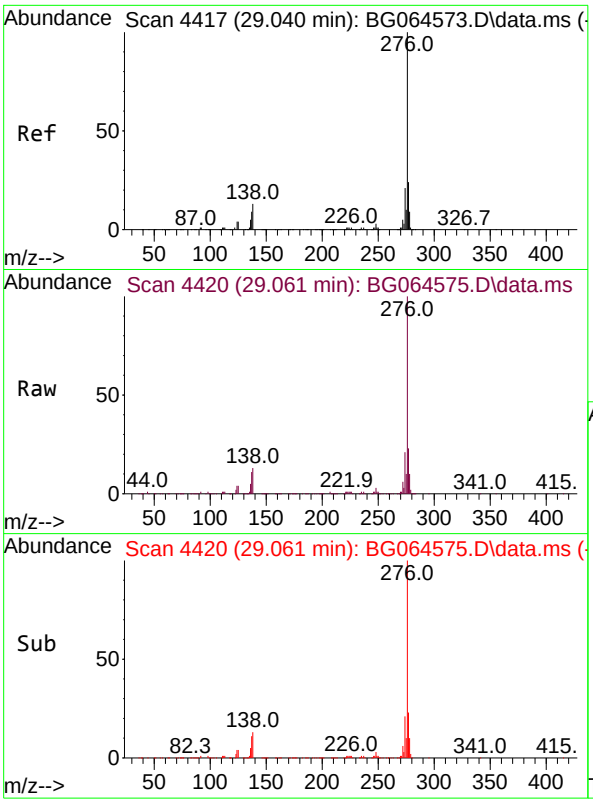


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.201 min Scan# 3763
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:264 Resp: 382372

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.4
265	21.0	17.6	26.4

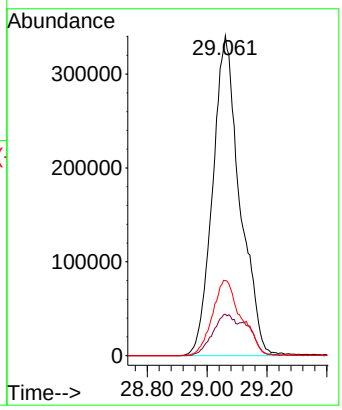




#87
Indeno(1,2,3-cd)pyrene
Concen: 76.663 ng
RT: 29.061 min Scan# 44
Delta R.T. 0.021 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:276 Resp: 215642

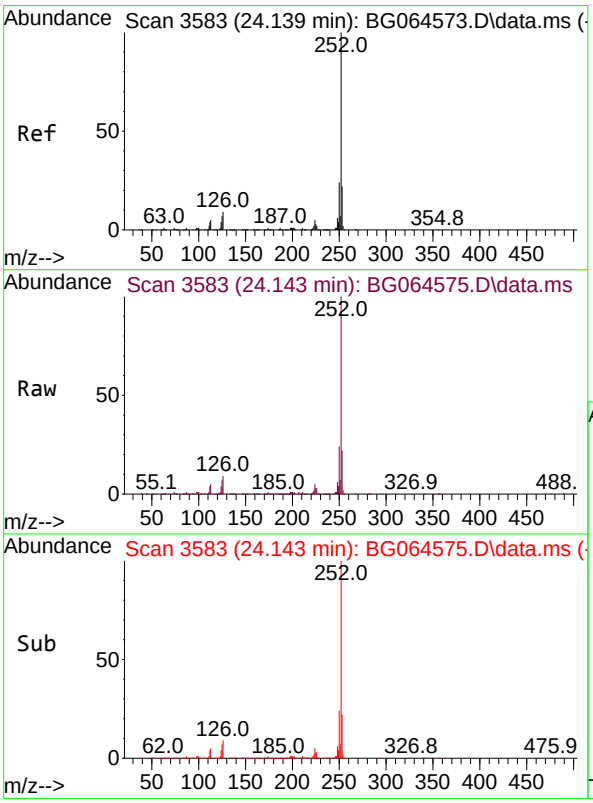
Ion	Ratio	Lower	Upper
276	100		
138	10.9	10.8	16.2
277	25.2	20.1	30.1



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

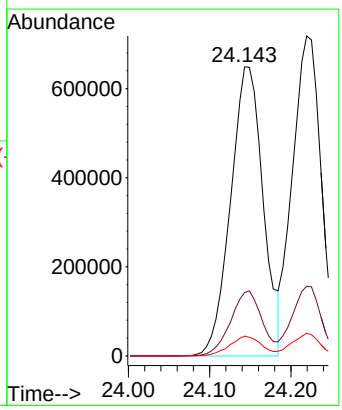
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

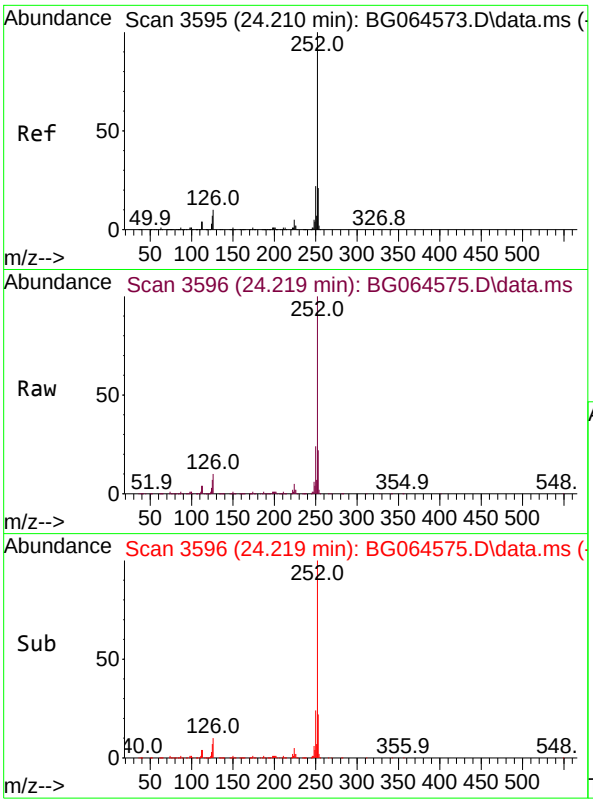


#88
Benzo(b)fluoranthene
Concen: 77.199 ng
RT: 24.143 min Scan# 3583
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:252 Resp: 1810094

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	6.8	5.6	8.4

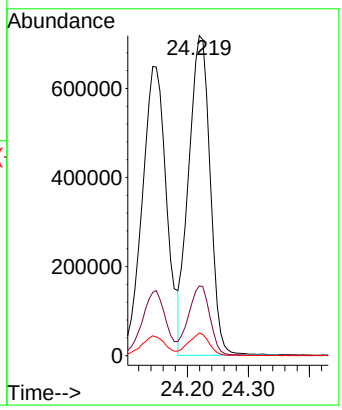




#89
Benzo(k)fluoranthene
Concen: 74.916 ng
RT: 24.219 min Scan# 3
Delta R.T. 0.009 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:252 Resp: 175775

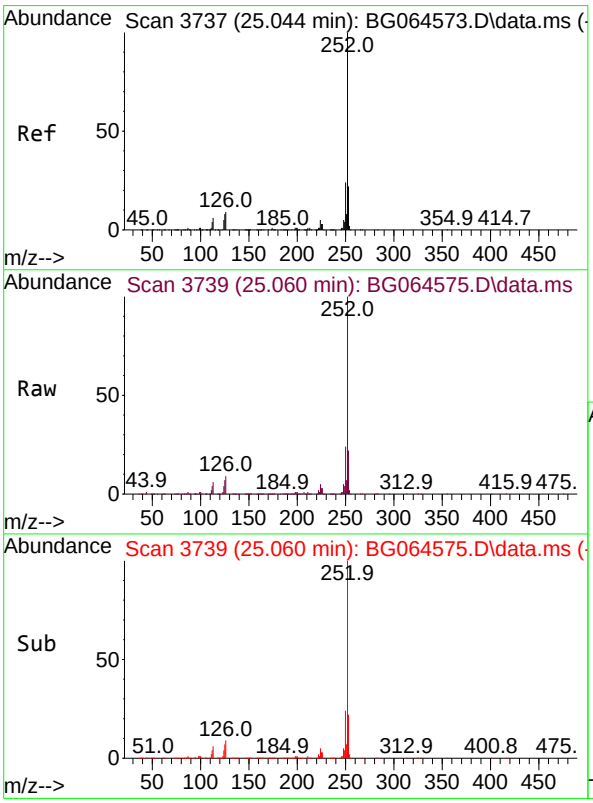
Ion	Ratio	Lower	Upper
252	100		
253	21.8	16.8	25.2
125	7.1	5.4	8.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations
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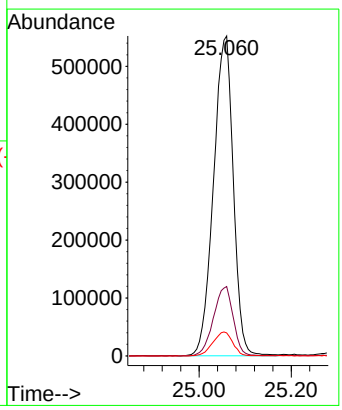
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

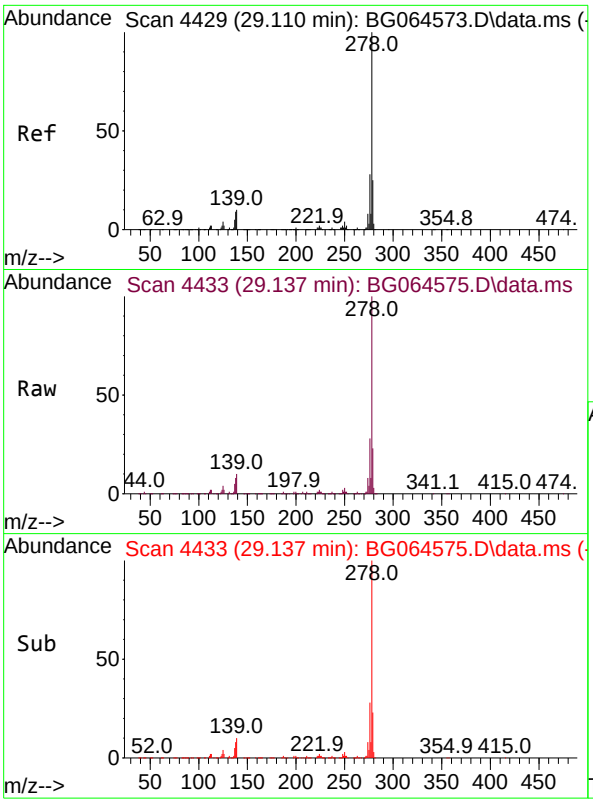


#90
Benzo(a)pyrene
Concen: 76.546 ng
RT: 25.060 min Scan# 3739
Delta R.T. 0.015 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:252 Resp: 1649779

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	7.2	6.1	9.1

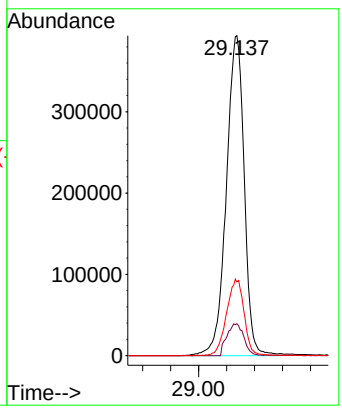




#91
Dibenzo(a,h)anthracene
Concen: 76.486 ng
RT: 29.137 min Scan# 44
Delta R.T. 0.027 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:278 Resp: 174789

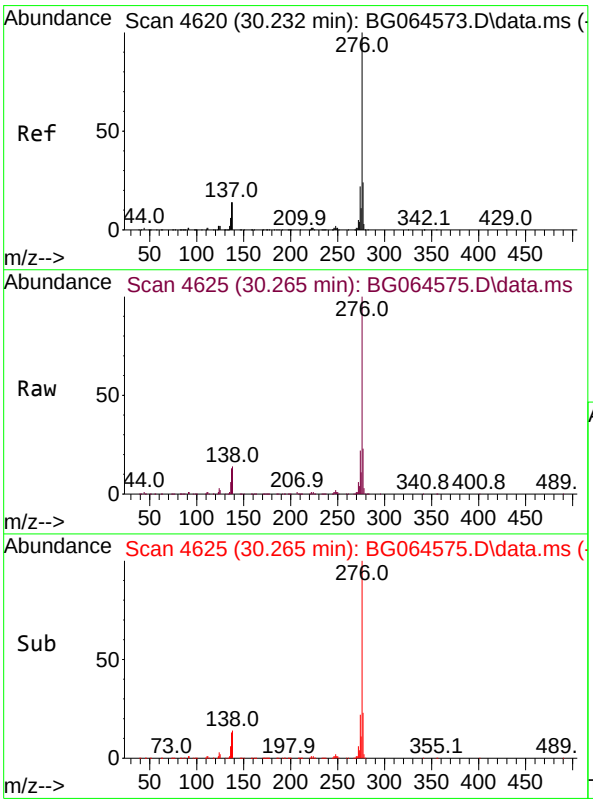
Ion	Ratio	Lower	Upper
278	100		
139	10.0	8.0	12.0
279	23.0	19.8	29.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

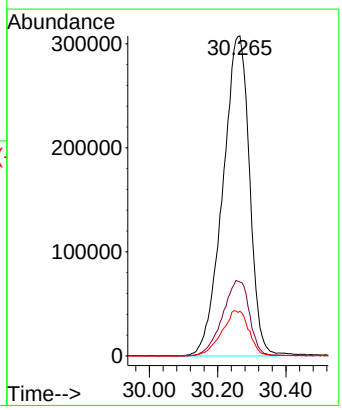
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#92
Benzo(g,h,i)perylene
Concen: 76.498 ng
RT: 30.265 min Scan# 4625
Delta R.T. 0.033 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:276 Resp: 1669976

Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.1	28.7
138	13.9	11.3	16.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064576.D
Acq On : 24 Oct 2025 15:32
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 03 18:03:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 17:56:56 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.224	152	43774	20.000	ng		0.00
21) Naphthalene-d8	11.050	136	182273	20.000	ng		0.00
39) Acenaphthene-d10	14.846	164	142032	20.000	ng		0.00
64) Phenanthrene-d10	17.584	188	343365	20.000	ng		0.00
76) Chrysene-d12	21.861	240	367592	20.000	ng		0.00
86) Perylene-d12	25.210	264	385865	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.750	112	249333	95.606	ng		0.00
7) Phenol-d6	7.354	99	349586	97.687	ng		0.00
23) Nitrobenzene-d5	9.387	82	324249	106.847	ng		0.00
42) 2,4,6-Tribromophenol	16.326	330	207294	101.122	ng		0.00
45) 2-Fluorobiphenyl	13.477	172	877315	93.626	ng		0.00
79) Terphenyl-d14	20.175	244	1814661	93.162	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.588	88	51872	44.926	ng		99
3) Pyridine	3.999	79	161000	46.434	ng		96
4) n-Nitrosodimethylamine	3.905	42	85377	45.917	ng		92
6) Aniline	7.536	93	228687	46.963	ng		99
8) 2-Chlorophenol	7.777	128	134062	49.112	ng		96
9) Benzaldehyde	7.343	77	91457	46.812	ng		96
10) Phenol	7.384	94	192663	48.681	ng		98
11) bis(2-Chloroethyl)ether	7.630	93	139360	47.894	ng		95
12) 1,3-Dichlorobenzene	8.112	146	146905	46.758	ng		98
13) 1,4-Dichlorobenzene	8.259	146	151083	47.293	ng		93
14) 1,2-Dichlorobenzene	8.582	146	143986	46.729	ng		96
15) Benzyl Alcohol	8.447	79	142880	48.417	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.741	45	361264	47.332	ng		99
17) 2-Methylphenol	8.653	107	126868	48.282	ng		94
18) Hexachloroethane	9.328	117	54330	48.463	ng		94
19) n-Nitroso-di-n-propyla...	9.029	70	122051	49.350	ng		97
20) 3+4-Methylphenols	8.982	107	176415	47.740	ng		99
22) Acetophenone	9.046	105	234956	47.155	ng	#	100
24) Nitrobenzene	9.428	77	171837	52.060	ng		96
25) Isophorone	9.957	82	348174	47.813	ng		97
26) 2-Nitrophenol	10.145	139	61611	48.353	ng		90
27) 2,4-Dimethylphenol	10.198	122	135402	49.988	ng		96
28) bis(2-Chloroethoxy)met...	10.439	93	194038	46.800	ng		99
29) 2,4-Dichlorophenol	10.680	162	148850	51.062	ng		94
30) 1,2,4-Trichlorobenzene	10.909	180	159207	48.068	ng		94
31) Naphthalene	11.103	128	471891	46.695	ng		98
32) Benzoic acid	10.321	122	97970m	47.410	ng		
33) 4-Chloroaniline	11.191	127	186814	47.560	ng		98
34) Hexachlorobutadiene	11.397	225	123596	47.716	ng		98
35) Caprolactam	11.961	113	53689	48.020	ng	#	93
36) 4-Chloro-3-methylphenol	12.296	107	171120	48.836	ng		98
37) 2-Methylnaphthalene	12.695	142	351946	47.435	ng		97
38) 1-Methylnaphthalene	12.913	142	342687	46.666	ng		95
40) 1,2,4,5-Tetrachloroben...	13.054	216	224658	47.131	ng		99
41) Hexachlorocyclopentadiene	13.042	237	105411	49.131	ng		98
43) 2,4,6-Trichlorophenol	13.283	196	141505	51.898	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064576.D
Acq On : 24 Oct 2025 15:32
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 03 18:03:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 17:56:56 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.353	196	157315	49.997	ng		96
46)	1,1'-Biphenyl	13.688	154	470676	46.613	ng		99
47)	2-Chloronaphthalene	13.729	162	359811	47.208	ng		99
48)	2-Nitroaniline	13.911	65	121908	47.668	ng		92
49)	Acenaphthylene	14.569	152	565771	47.060	ng		99
50)	Dimethylphthalate	14.293	163	519303	47.781	ng		99
51)	2,6-Dinitrotoluene	14.405	165	86665	48.306	ng		99
52)	Acenaphthene	14.910	154	388012	47.239	ng		99
53)	3-Nitroaniline	14.734	138	99748	53.405	ng		96
54)	2,4-Dinitrophenol	14.928	184	49318	47.268	ng		89
55)	Dibenzofuran	15.239	168	615553	46.355	ng		99
56)	4-Nitrophenol	15.016	139	88609	51.169	ng		95
57)	2,4-Dinitrotoluene	15.186	165	132374	47.759	ng	#	99
58)	Fluorene	15.891	166	481625	46.441	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.457	232	157783	52.440	ng		99
60)	Diethylphthalate	15.650	149	527594	47.543	ng		100
61)	4-Chlorophenyl-phenyle...	15.880	204	271068	46.576	ng		98
62)	4-Nitroaniline	15.891	138	110067	52.970	ng		98
63)	Azobenzene	16.168	77	475203	46.671	ng		99
65)	4,6-Dinitro-2-methylph...	15.944	198	71672	47.500	ng		95
66)	n-Nitrosodiphenylamine	16.085	169	444824	47.959	ng		99
67)	4-Bromophenyl-phenylether	16.773	248	196226	48.225	ng		96
68)	Hexachlorobenzene	16.890	284	223018	48.043	ng		94
69)	Atrazine	17.025	200	187862	47.066	ng		96
70)	Pentachlorophenol	17.225	266	147427	50.930	ng		95
71)	Phenanthrene	17.625	178	875415	46.621	ng		99
72)	Anthracene	17.719	178	893629	46.785	ng		99
73)	Carbazole	17.977	167	781031	46.370	ng		100
74)	Di-n-butylphthalate	18.535	149	930281	47.762	ng		100
75)	Fluoranthene	19.622	202	1092855	46.459	ng		99
77)	Benzidine	19.787	184	382418	46.435	ng		100
78)	Pyrene	19.981	202	1133345	47.190	ng		99
80)	Butylbenzylphthalate	20.856	149	374611	51.609	ng		100
81)	Benzo(a)anthracene	21.843	228	1151242	47.234	ng		99
82)	3,3'-Dichlorobenzidine	21.743	252	389240	47.824	ng		97
83)	Chrysene	21.908	228	1091456	47.062	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.749	149	537716	49.576	ng		98
85)	Di-n-octyl phthalate	23.018	149	896763	49.039	ng		99
87)	Indeno(1,2,3-cd)pyrene	29.052	276	1346188	47.425	ng		97
88)	Benzo(b)fluoranthene	24.146	252	1131250	47.810	ng		100
89)	Benzo(k)fluoranthene	24.217	252	1110490	46.901	ng		98
90)	Benzo(a)pyrene	25.051	252	1029605	47.339	ng		99
91)	Dibenzo(a,h)anthracene	29.129	278	1090407	47.283	ng		99
92)	Benzo(g,h,i)perylene	30.245	276	1039447	47.184	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

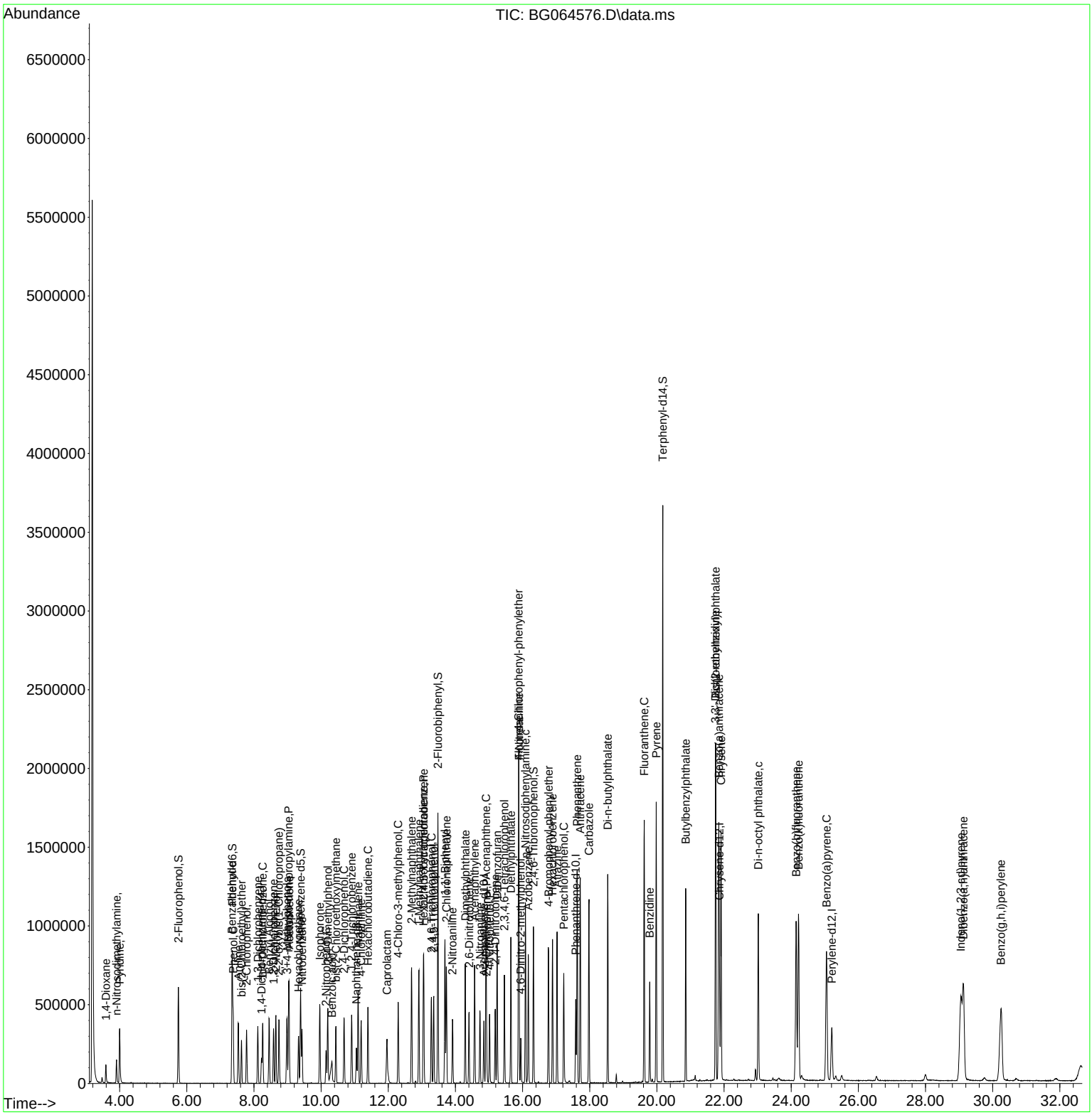
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064576.D
Acq On : 24 Oct 2025 15:32
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 9 Sample Multiplier: 1

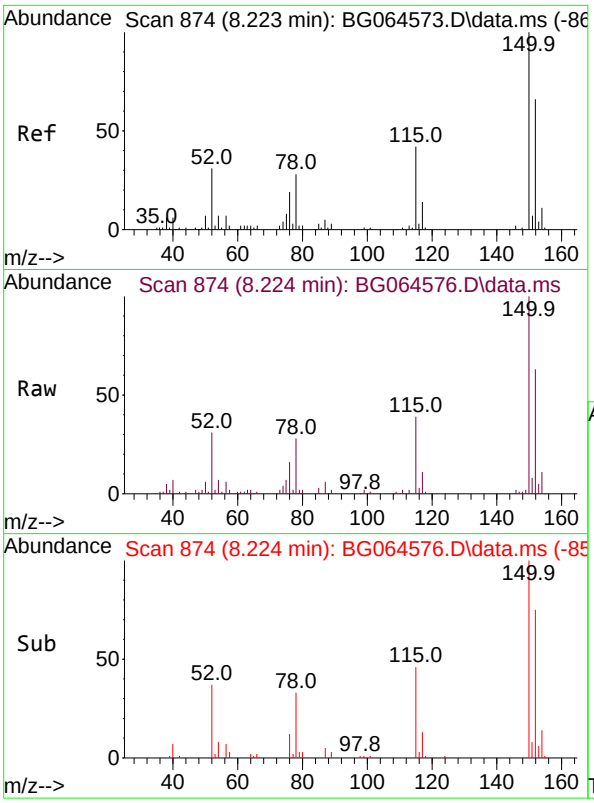
Quant Time: Nov 03 18:03:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 17:56:56 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

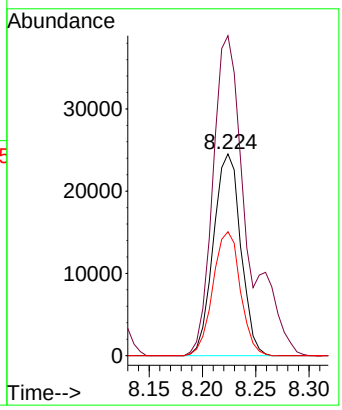




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.224 min Scan# 8
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:152 Resp: 4377

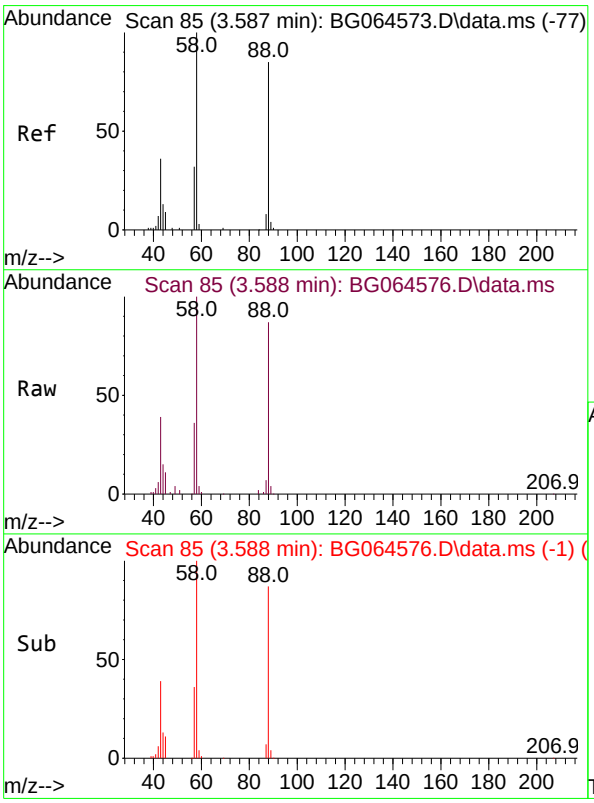
Ion	Ratio	Lower	Upper
152	100		
150	158.7	122.2	183.4
115	61.5	50.8	76.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

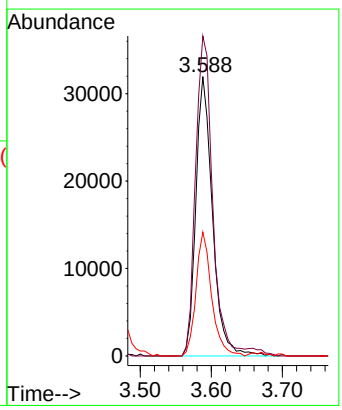
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

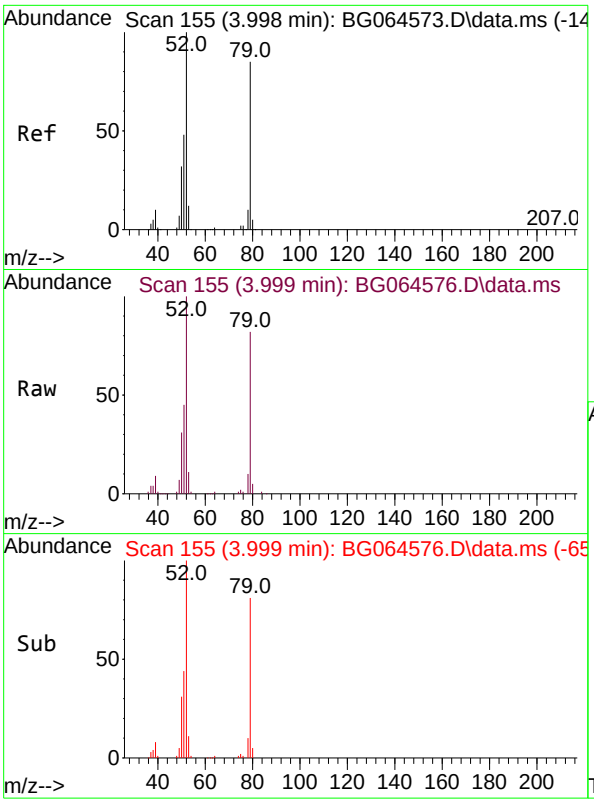


#2
1,4-Dioxane
Concen: 44.926 ng
RT: 3.588 min Scan# 85
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion: 88 Resp: 51872

Ion	Ratio	Lower	Upper
88	100		
58	116.7	92.4	138.6
43	41.6	33.0	49.6





#3
Pyridine
Concen: 46.434 ng
RT: 3.999 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

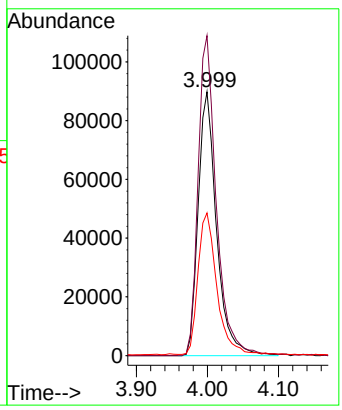
Tgt Ion: 79 Resp: 16100

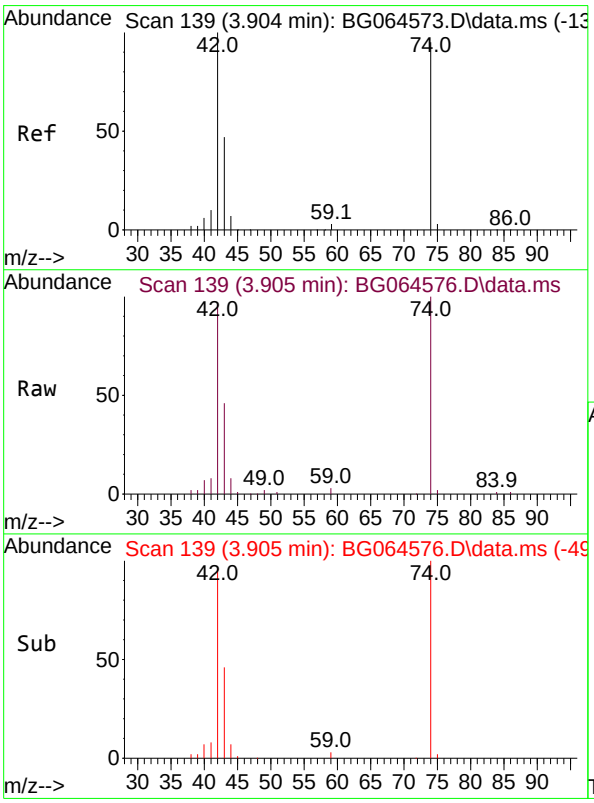
Ion	Ratio	Lower	Upper
79	100		
52	121.3	94.2	141.2
51	54.1	46.1	69.1

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

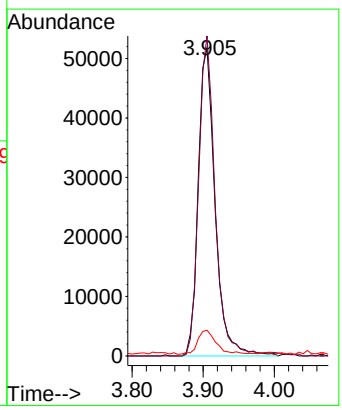


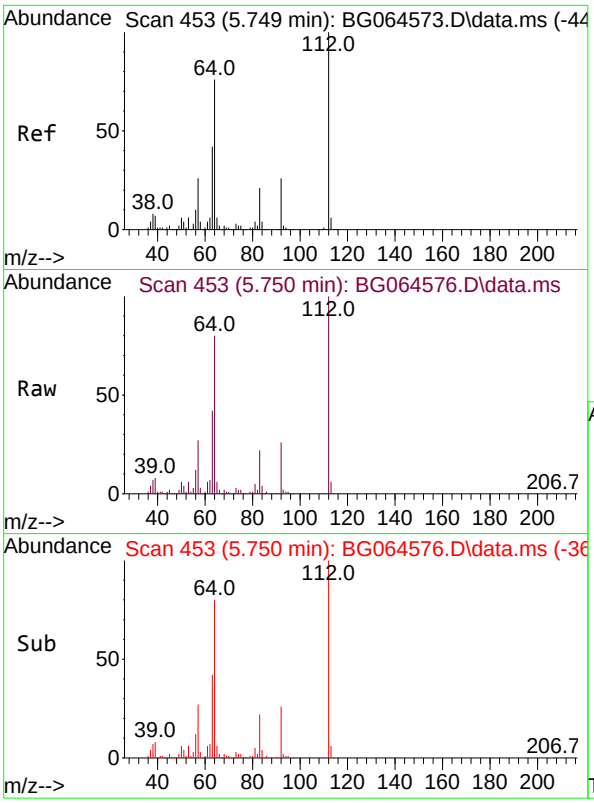


#4
n-Nitrosodimethylamine
Concen: 45.917 ng
RT: 3.905 min Scan# 139
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion: 42 Resp: 85377

Ion	Ratio	Lower	Upper
42	100		
74	103.9	76.1	114.1
44	8.4	6.3	9.5





#5
2-Fluorophenol
Concen: 95.606 ng
RT: 5.750 min Scan# 4
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

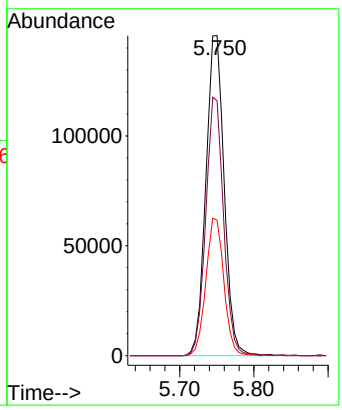
Tgt Ion:112 Resp: 24933

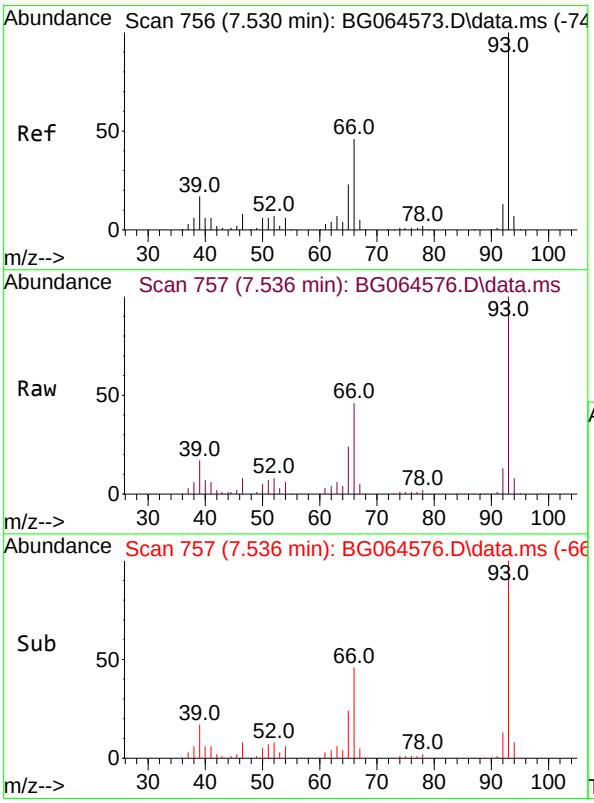
Ion	Ratio	Lower	Upper
112	100		
64	79.6	60.7	91.1
63	42.3	33.4	50.0

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

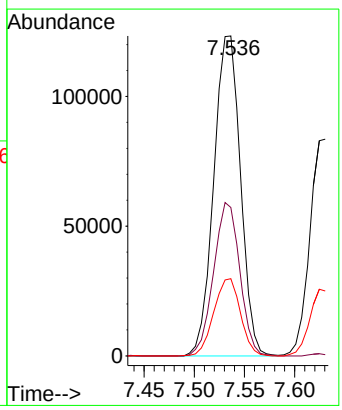


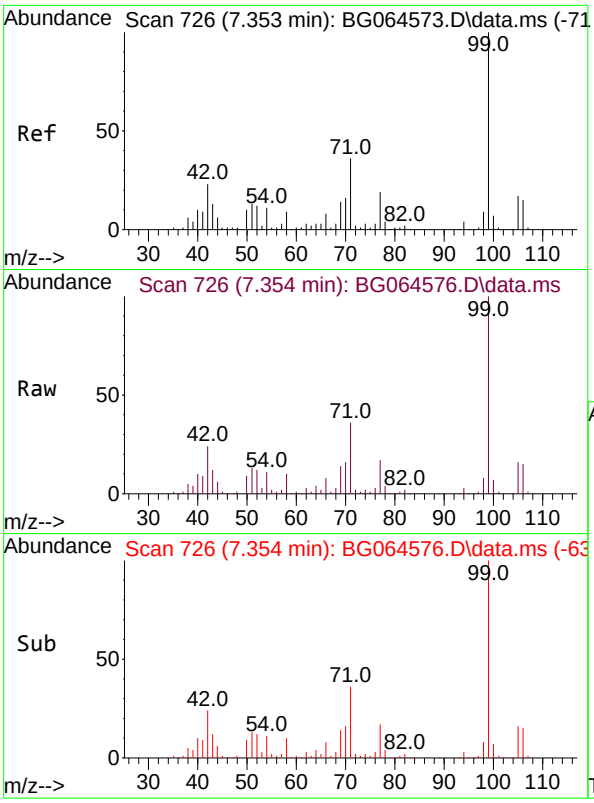


#6
Aniline
Concen: 46.963 ng
RT: 7.536 min Scan# 757
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion: 93 Resp: 228687

Ion	Ratio	Lower	Upper
93	100		
66	46.4	37.0	55.6
65	24.1	18.3	27.5

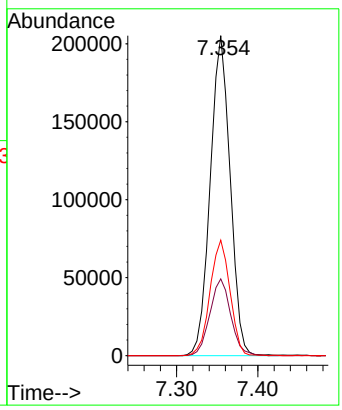




#7
Phenol-d6
Concen: 97.687 ng
RT: 7.354 min Scan# 7
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion: 99 Resp: 34958

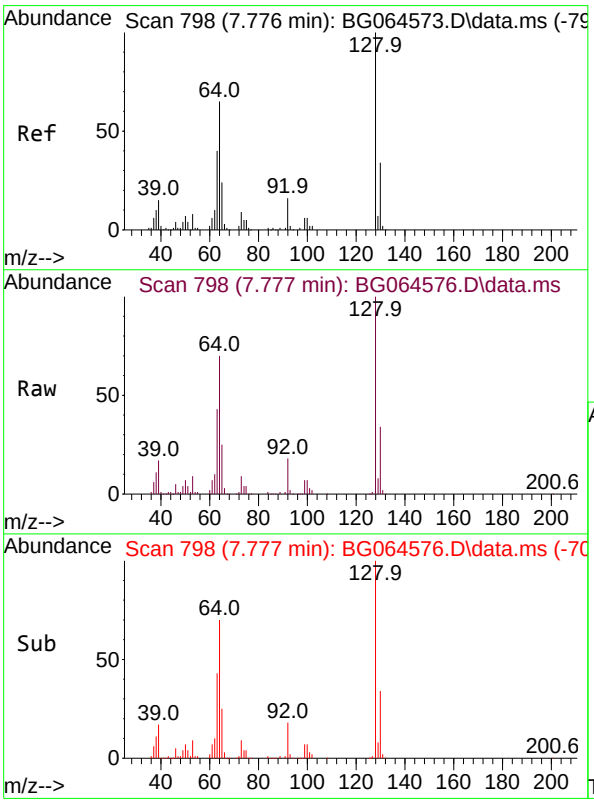
Ion	Ratio	Lower	Upper
99	100		
42	24.0	18.3	27.5
71	36.1	28.6	43.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

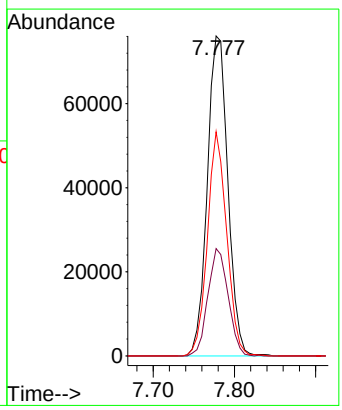
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

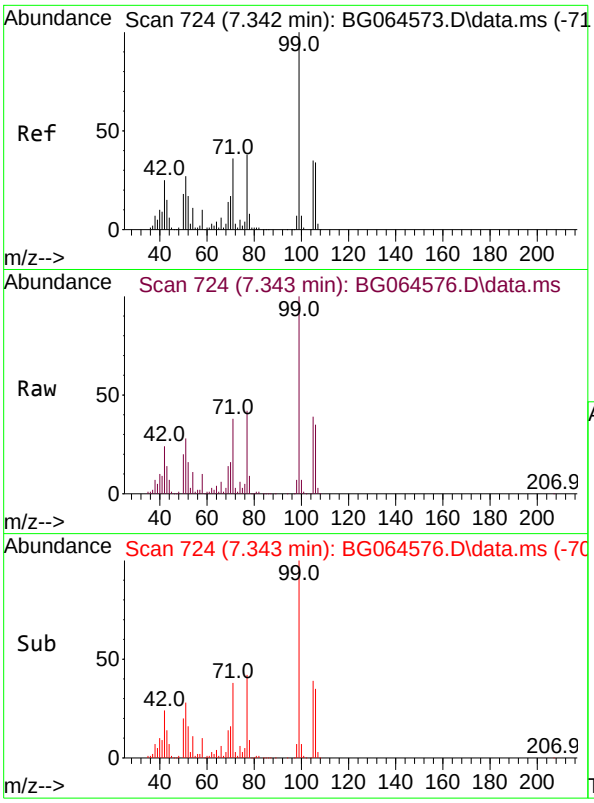


#8
2-Chlorophenol
Concen: 49.112 ng
RT: 7.777 min Scan# 798
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:128 Resp: 134062

Ion	Ratio	Lower	Upper
128	100		
130	33.5	13.5	53.5
64	70.0	45.2	85.2

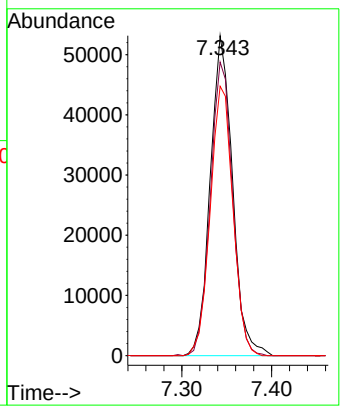




#9
Benzaldehyde
Concen: 46.812 ng
RT: 7.343 min Scan# 7
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion: 77 Resp: 9145

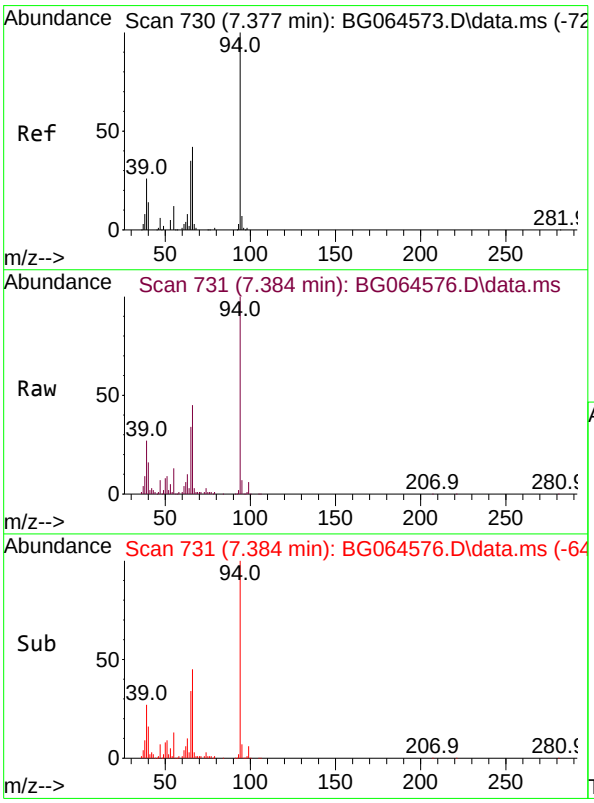
Ion	Ratio	Lower	Upper
77	100		
105	91.7	72.9	112.9
106	84.2	70.8	110.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

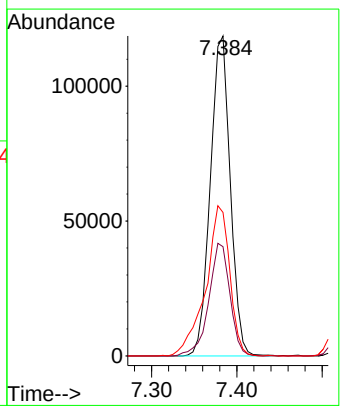
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

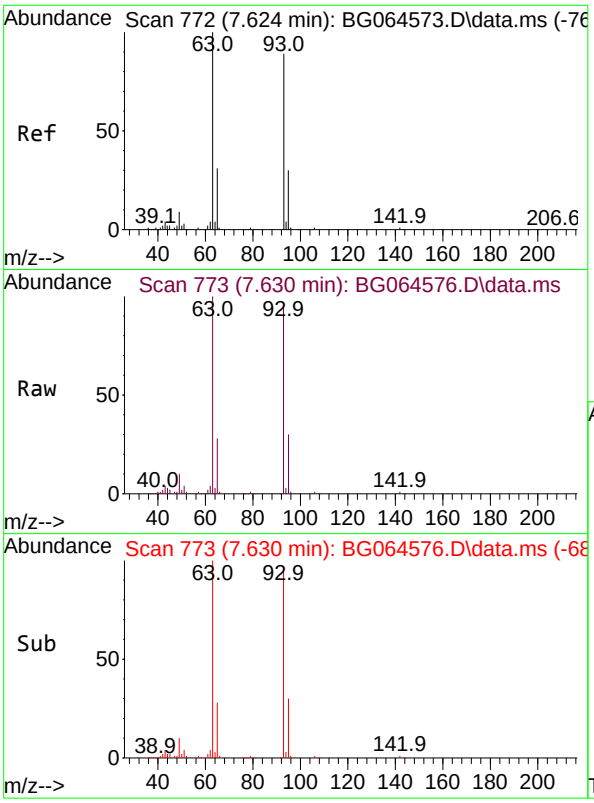


#10
Phenol
Concen: 48.681 ng
RT: 7.384 min Scan# 731
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion: 94 Resp: 192663

Ion	Ratio	Lower	Upper
94	100		
65	34.1	15.8	55.8
66	44.8	24.0	64.0

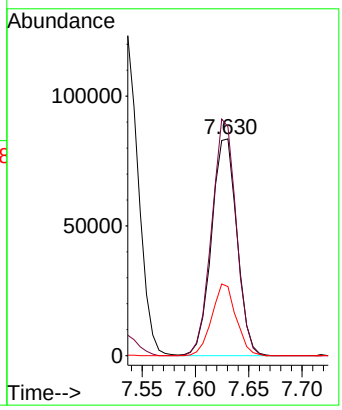




#11
bis(2-Chloroethyl)ether
Concen: 47.894 ng
RT: 7.630 min Scan# 7
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion: 93 Resp: 13936

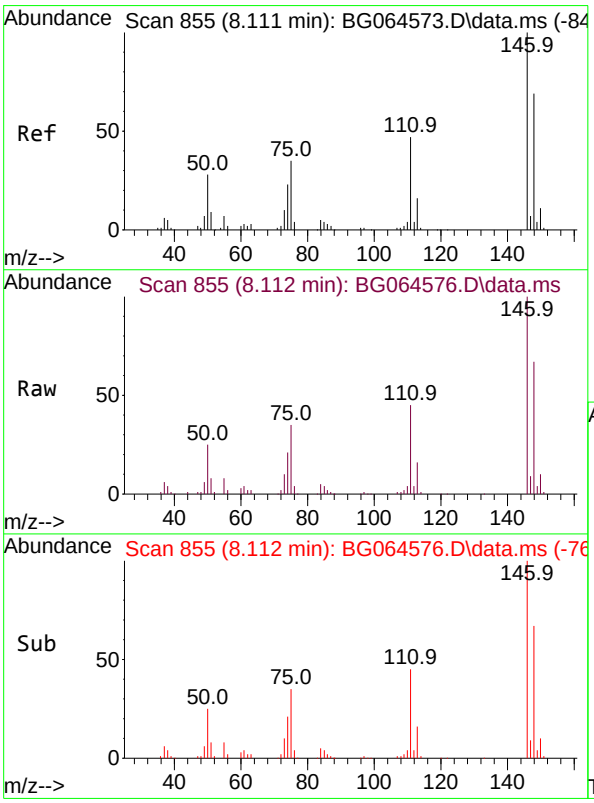
Ion	Ratio	Lower	Upper
93	100		
63	105.5	91.3	131.3
95	31.8	13.3	53.3



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations
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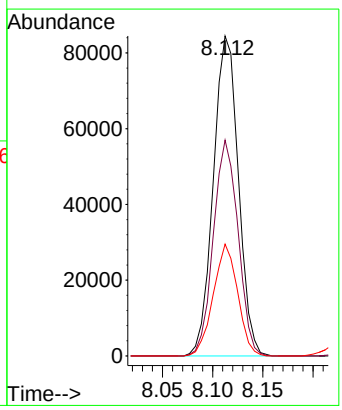
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

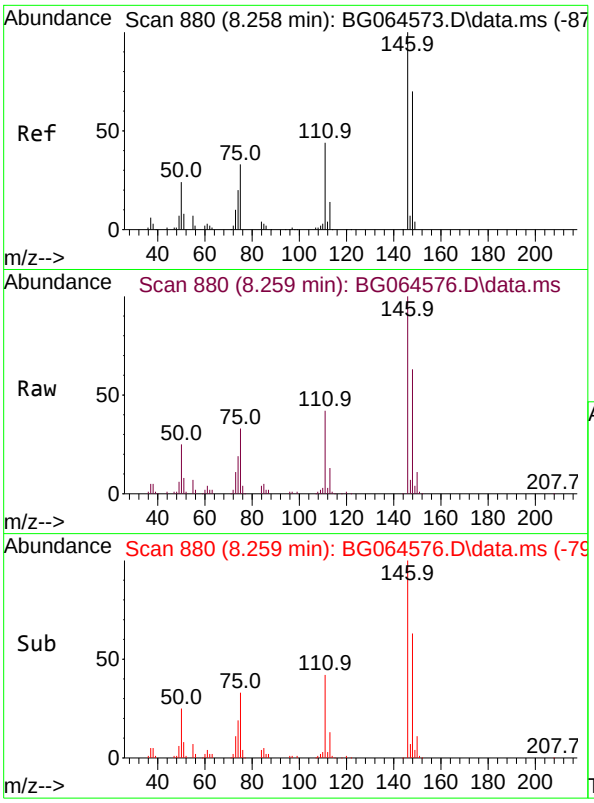


#12
1,3-Dichlorobenzene
Concen: 46.758 ng
RT: 8.112 min Scan# 855
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:146 Resp: 146905

Ion	Ratio	Lower	Upper
146	100		
148	67.4	55.3	82.9
75	34.9	28.2	42.2

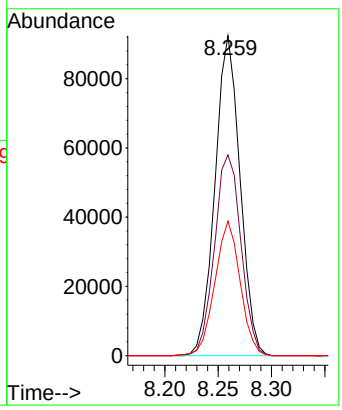




#13
1,4-Dichlorobenzene
Concen: 47.293 ng
RT: 8.259 min Scan# 8
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:146 Resp: 15108

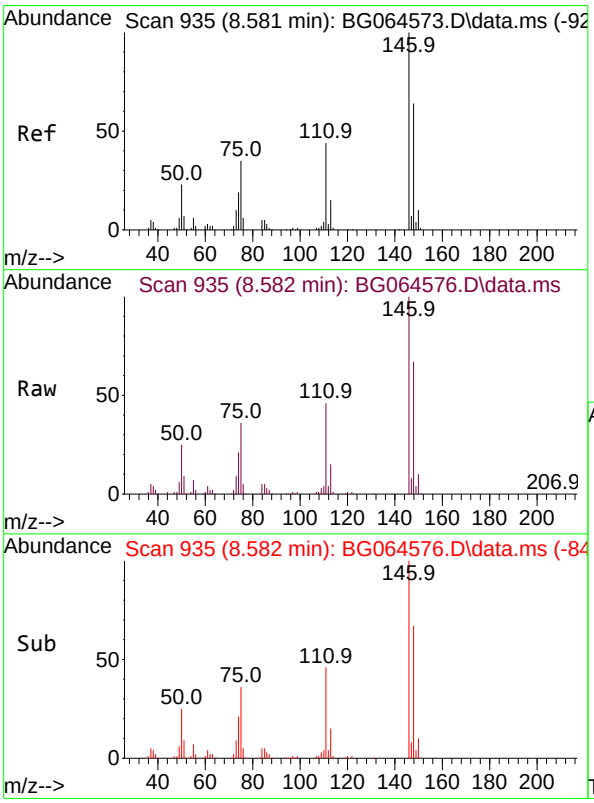
Ion	Ratio	Lower	Upper
146	100		
148	62.7	56.2	84.4
111	42.0	35.4	53.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

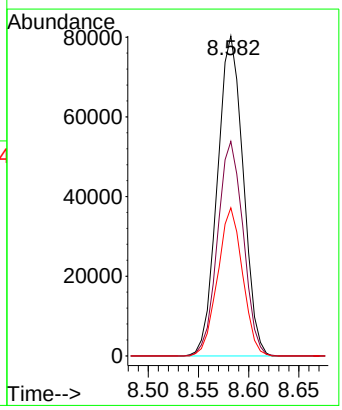
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

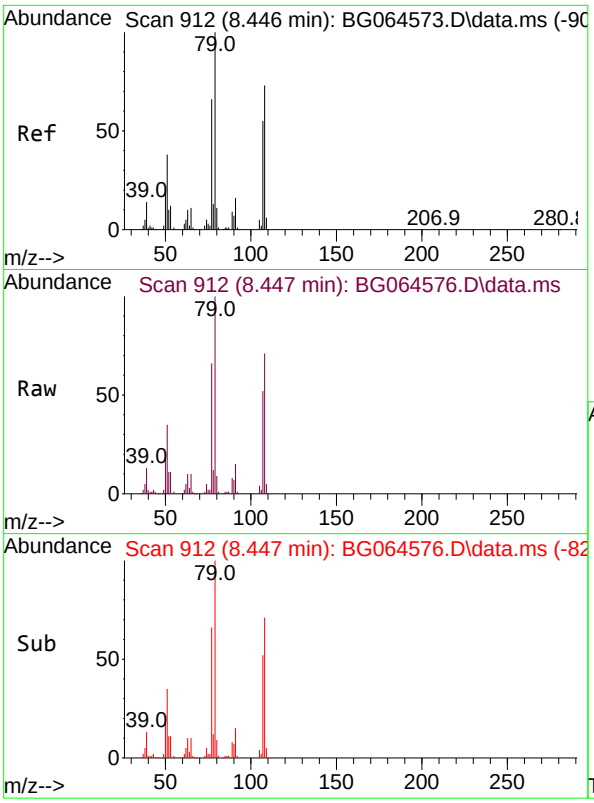


#14
1,2-Dichlorobenzene
Concen: 46.729 ng
RT: 8.582 min Scan# 935
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:146 Resp: 143986

Ion	Ratio	Lower	Upper
146	100		
148	67.0	51.5	77.3
111	46.3	35.0	52.6

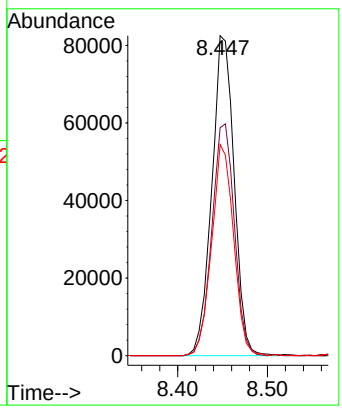




#15
Benzyl Alcohol
Concen: 48.417 ng
RT: 8.447 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion: 79 Resp: 14288

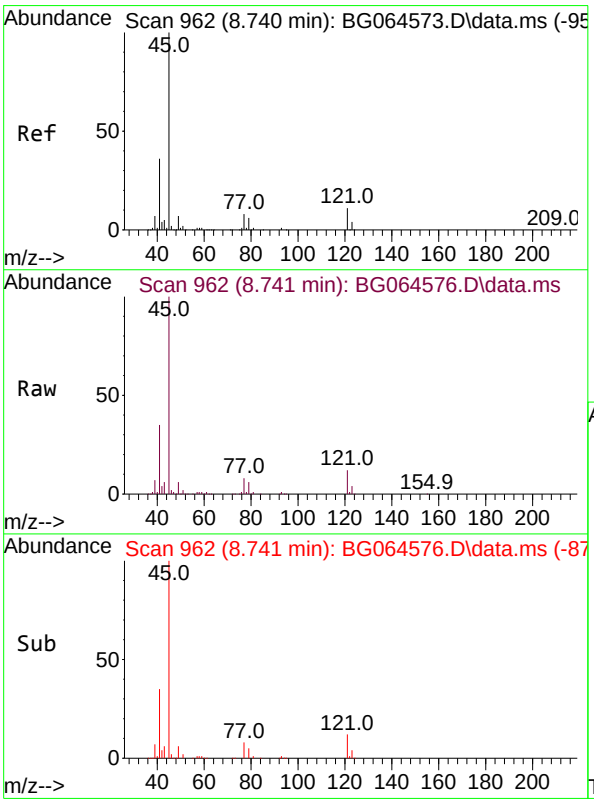
Ion	Ratio	Lower	Upper
79	100		
108	71.2	58.1	87.1
77	66.0	52.8	79.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

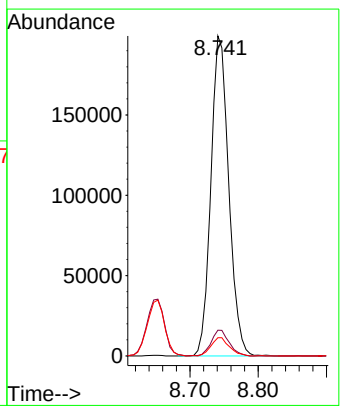
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

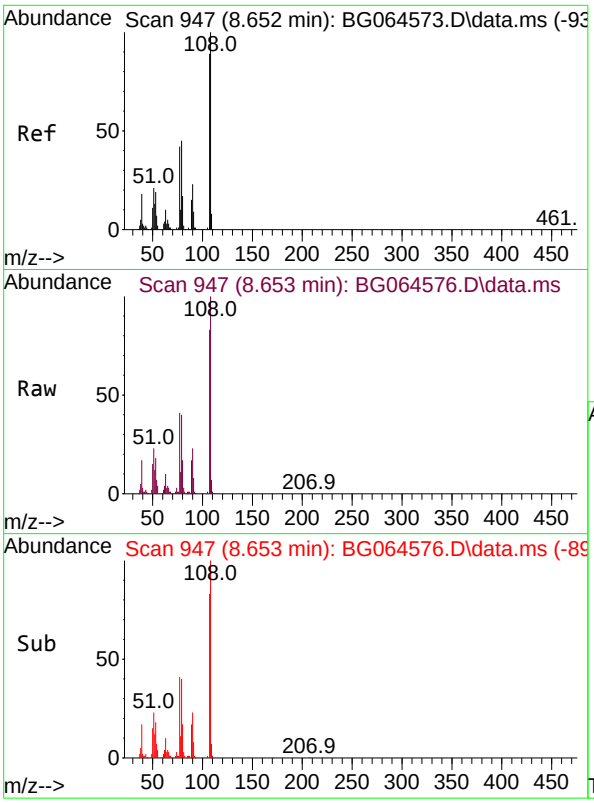


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.332 ng
RT: 8.741 min Scan# 962
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion: 45 Resp: 361264

Ion	Ratio	Lower	Upper
45	100		
77	8.0	0.0	28.5
79	5.7	0.0	25.6

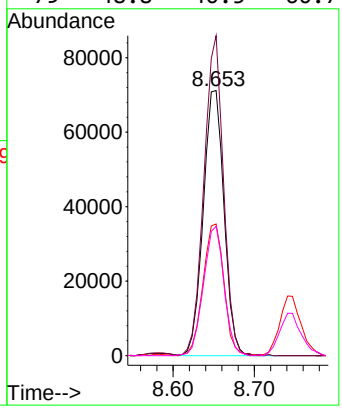




#17
2-Methylphenol
Concen: 48.282 ng
RT: 8.653 min Scan# 94
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:107 Resp: 126868

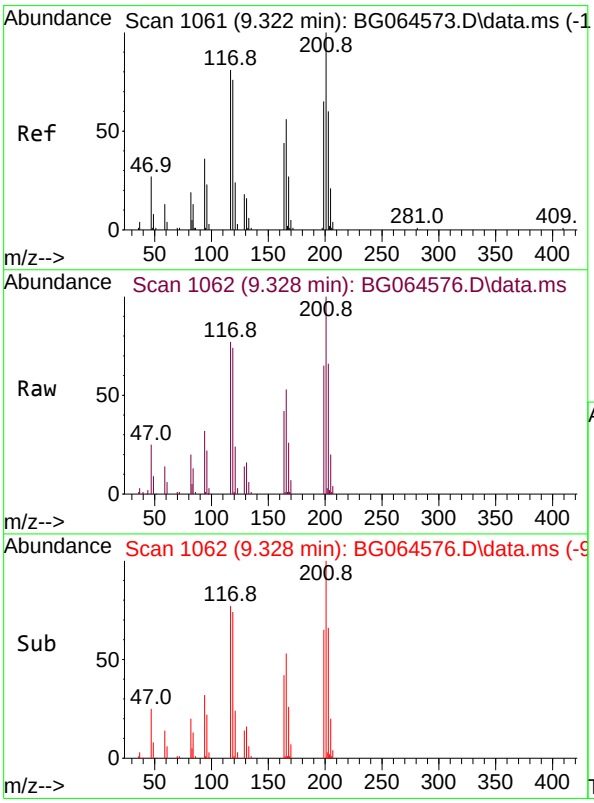
Ion	Ratio	Lower	Upper
107	100		
108	120.8	90.0	135.0
77	49.7	37.8	56.8
79	48.8	40.5	60.7



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

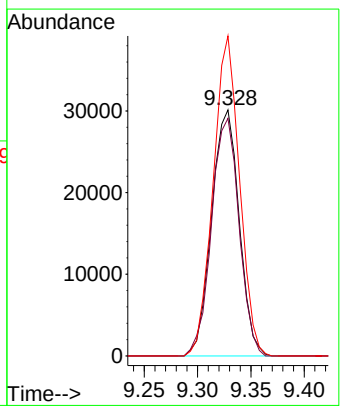
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

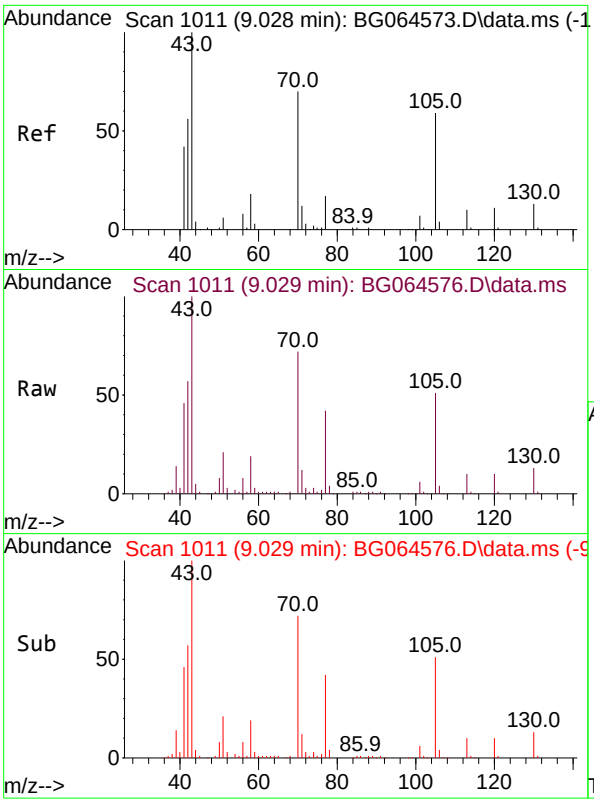


#18
Hexachloroethane
Concen: 48.463 ng
RT: 9.328 min Scan# 1062
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:117 Resp: 54330

Ion	Ratio	Lower	Upper
117	100		
119	96.5	75.4	113.2
201	134.0	99.2	148.8

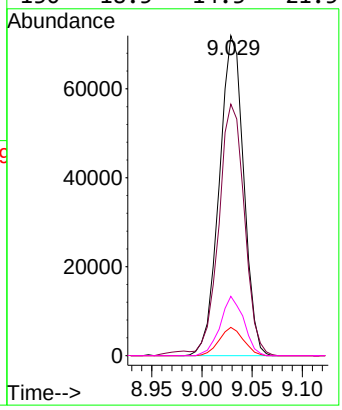




#19
n-Nitroso-di-n-propylamine
Concen: 49.350 ng
RT: 9.029 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion: 70 Resp: 12205

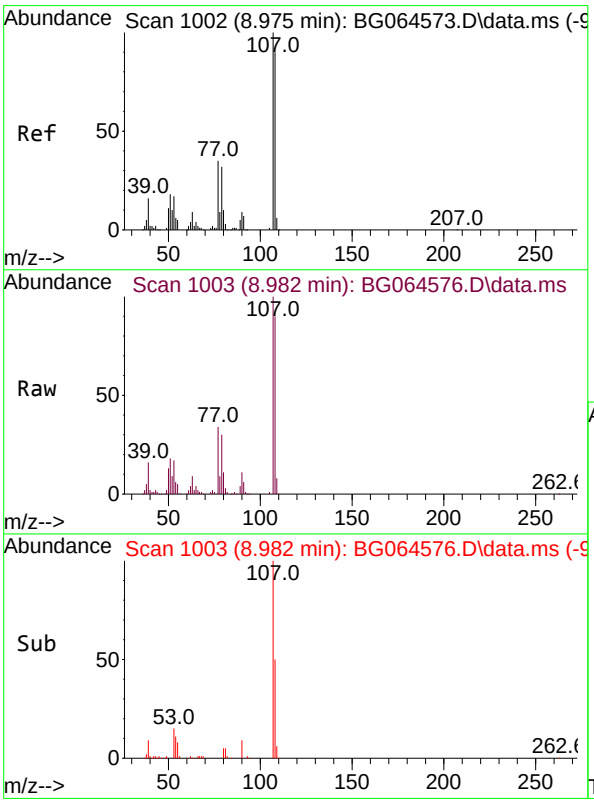
Ion	Ratio	Lower	Upper
70	100		
42	78.6	65.2	97.8
101	8.8	7.9	11.9
130	18.5	14.3	21.5



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations
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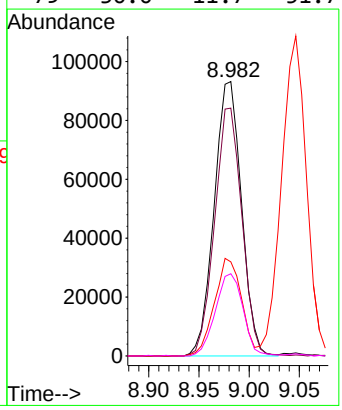
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

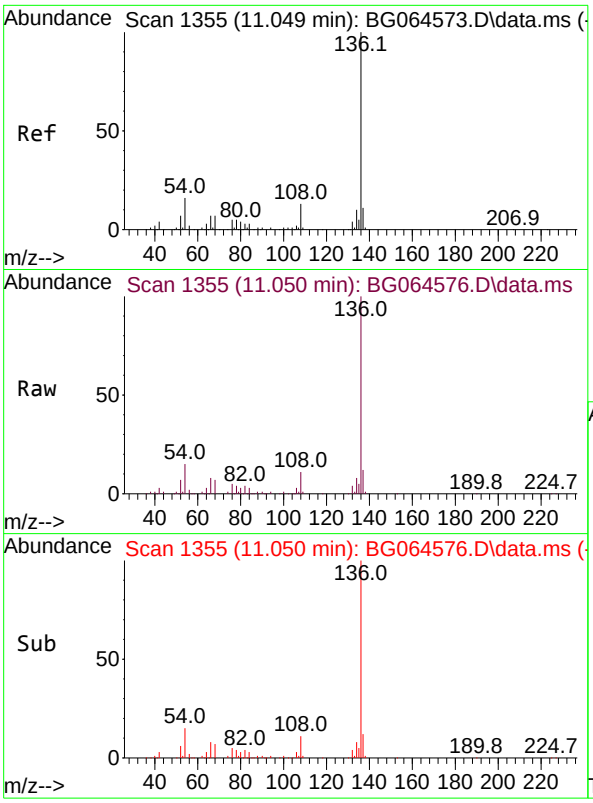


#20
3+4-Methylphenols
Concen: 47.740 ng
RT: 8.982 min Scan# 1003
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:107 Resp: 176415

Ion	Ratio	Lower	Upper
107	100		
108	90.4	70.3	110.3
77	34.2	14.6	54.6
79	30.0	11.7	51.7

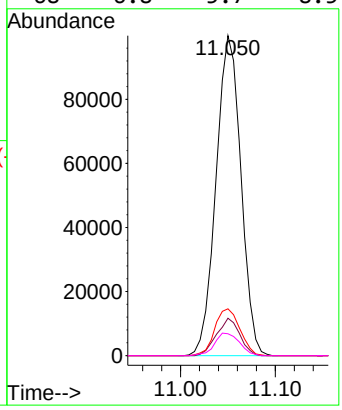




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.050 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:136 Resp: 18227

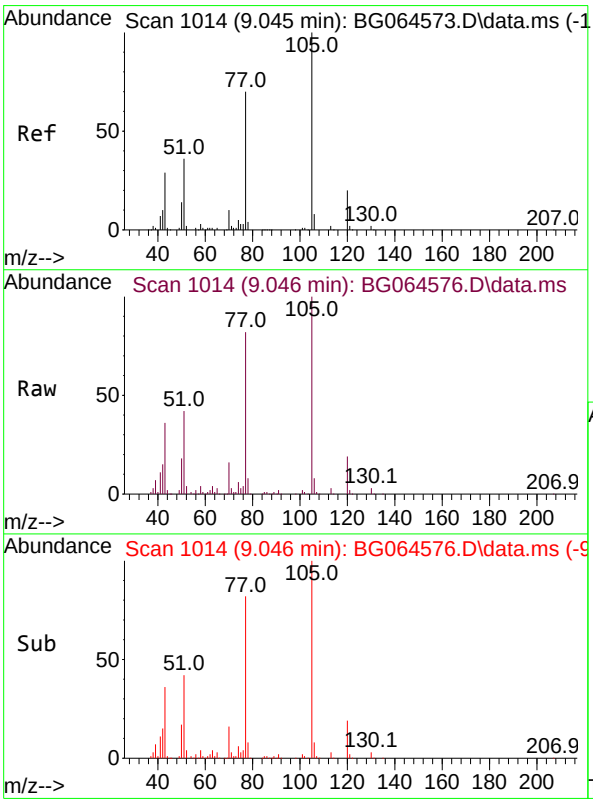
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	14.6	12.6	19.0
68	6.8	5.7	8.5



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

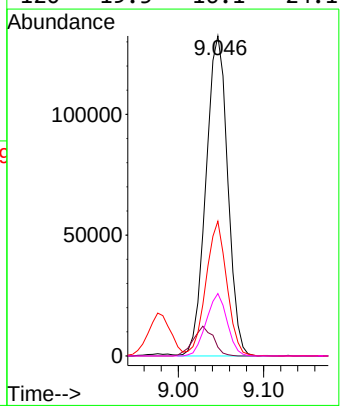
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

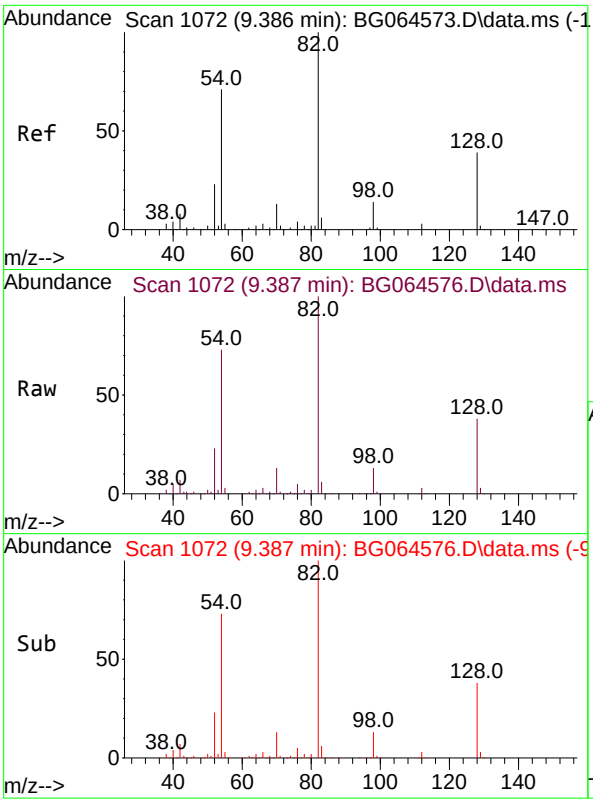


#22
Acetophenone
Concen: 47.155 ng
RT: 9.046 min Scan# 1014
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:105 Resp: 234956

Ion	Ratio	Lower	Upper
105	100		
71	2.8	1.5	2.3#
51	42.1	33.7	50.5
120	19.5	16.1	24.1

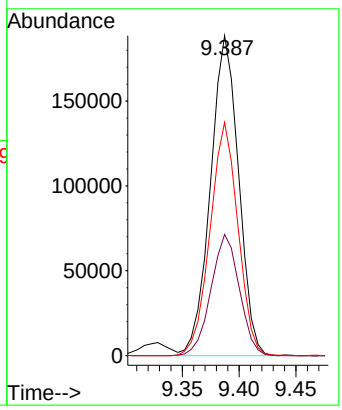




#23
Nitrobenzene-d5
Concen: 106.847 ng
RT: 9.387 min Scan# 10
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion: 82 Resp: 324249

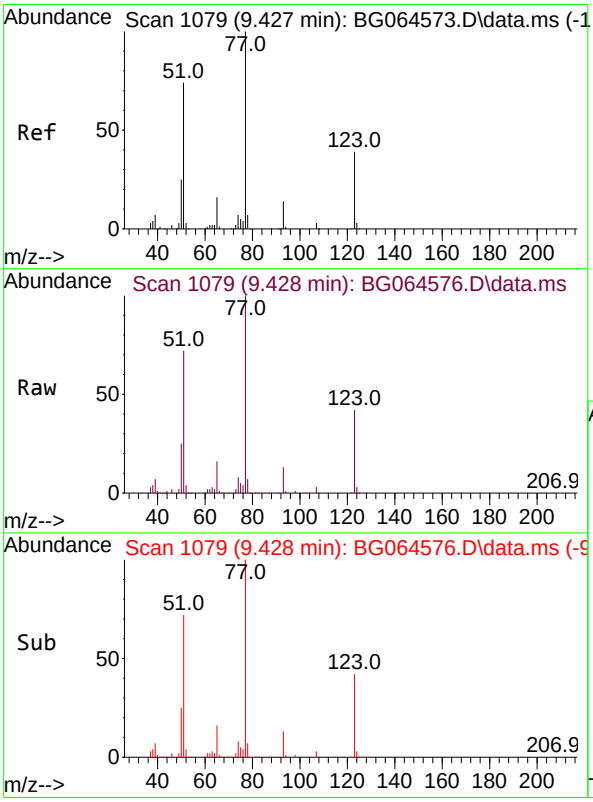
Ion	Ratio	Lower	Upper
82	100		
128	37.9	31.3	46.9
54	72.9	56.6	84.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

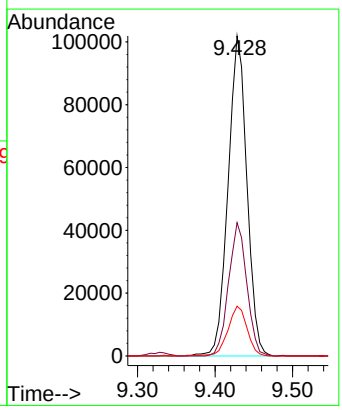
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

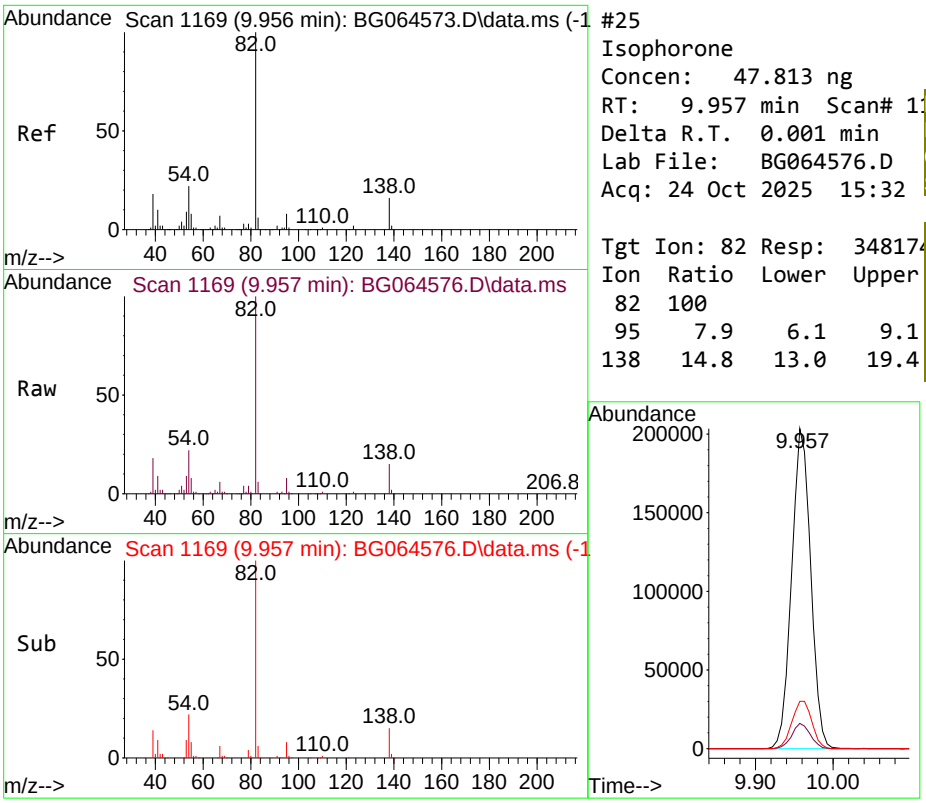


#24
Nitrobenzene
Concen: 52.060 ng
RT: 9.428 min Scan# 1079
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion: 77 Resp: 171837

Ion	Ratio	Lower	Upper
77	100		
123	41.6	31.0	46.6
65	15.5	12.7	19.1





#25
Isophorone
Concen: 47.813 ng
RT: 9.957 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

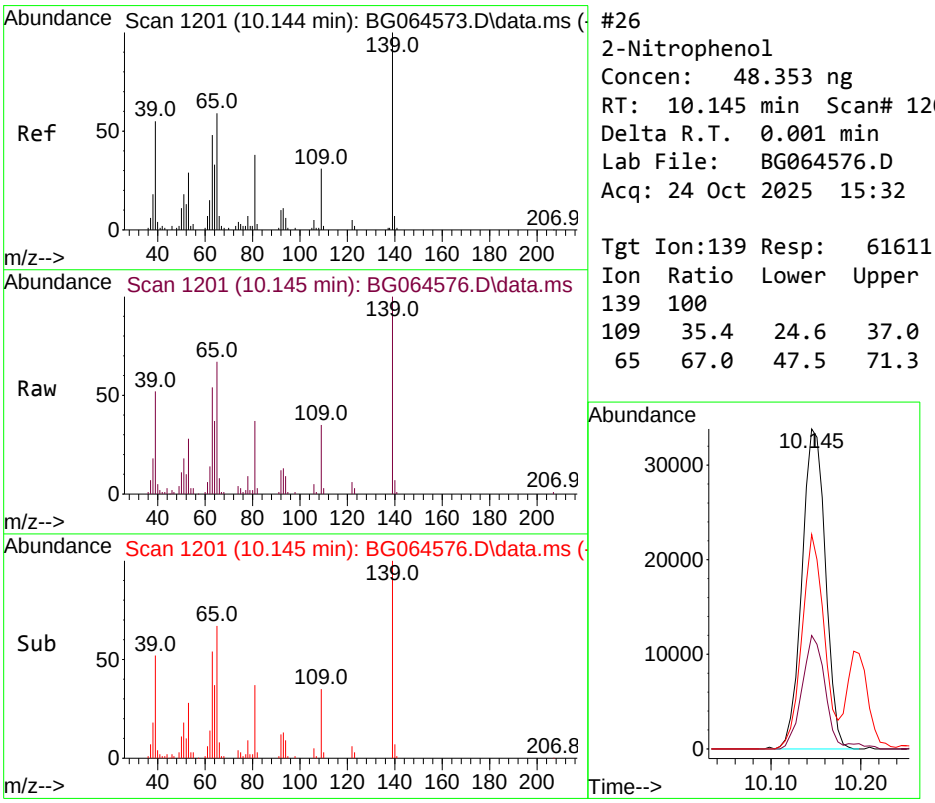
Tgt Ion: 82 Resp: 34817

Ion	Ratio	Lower	Upper
82	100		
95	7.9	6.1	9.1
138	14.8	13.0	19.4

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

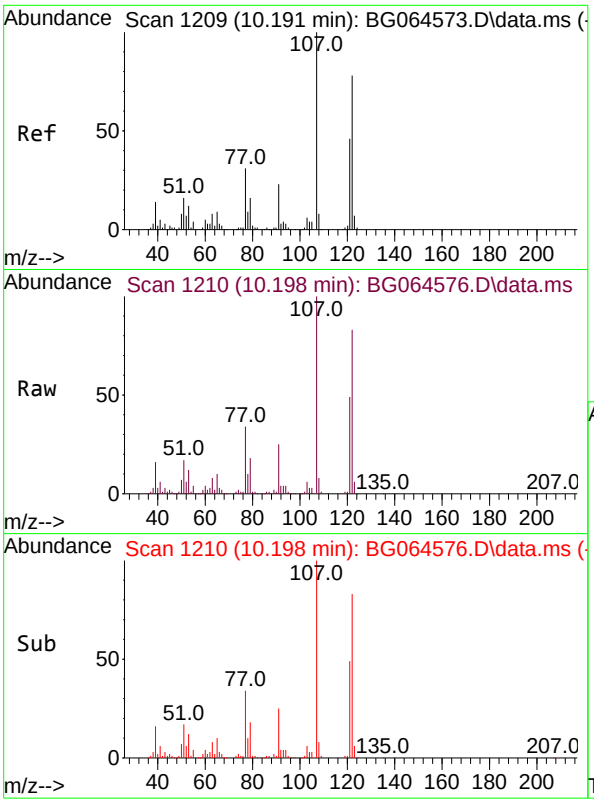
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#26
2-Nitrophenol
Concen: 48.353 ng
RT: 10.145 min Scan# 1201
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:139 Resp: 61611

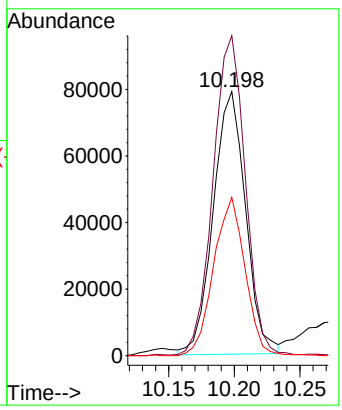
Ion	Ratio	Lower	Upper
139	100		
109	35.4	24.6	37.0
65	67.0	47.5	71.3



#27
2,4-Dimethylphenol
Concen: 49.988 ng
RT: 10.198 min Scan# 1
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:122 Resp: 13540

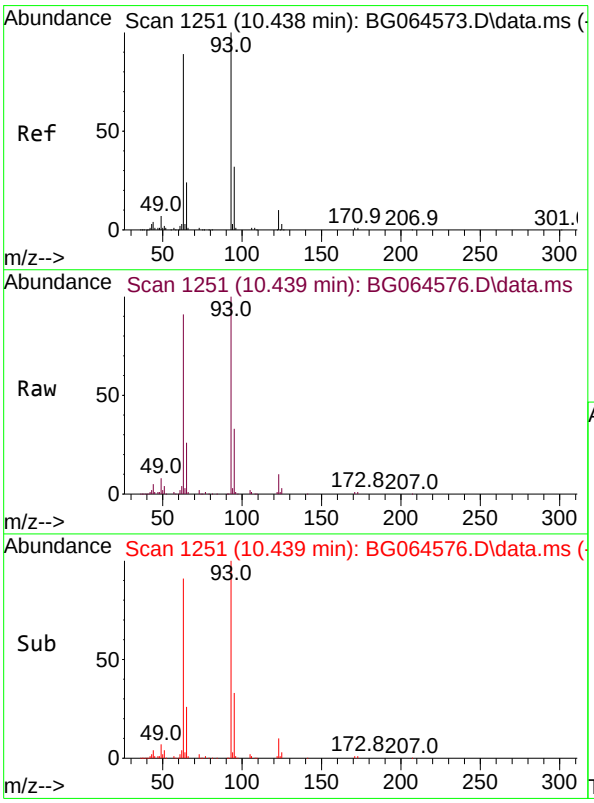
Ion	Ratio	Lower	Upper
122	100		
107	121.2	103.0	154.4
121	59.9	47.8	71.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

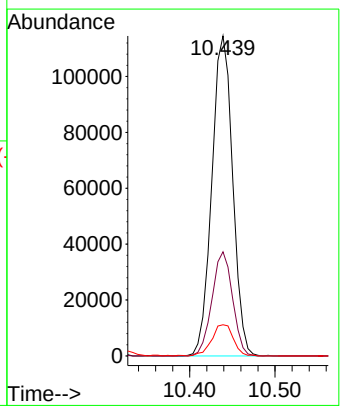
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

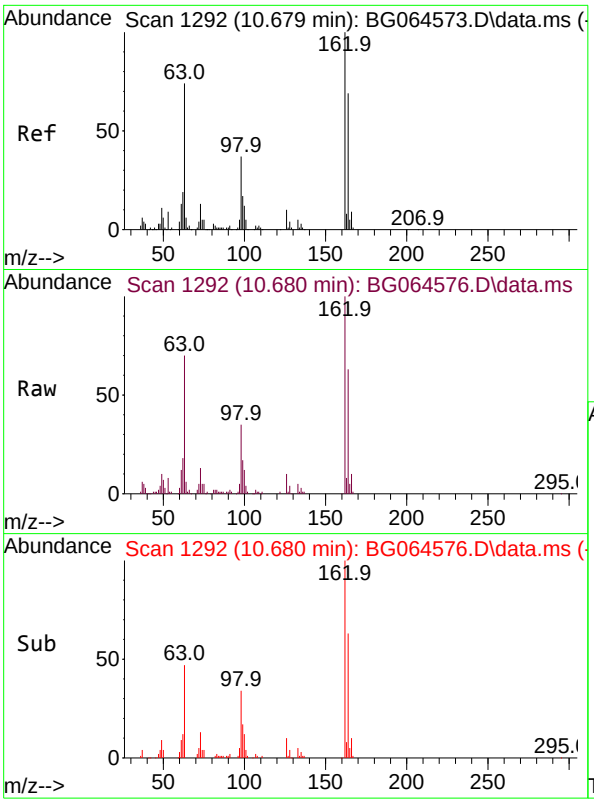


#28
bis(2-Chloroethoxy)methane
Concen: 46.800 ng
RT: 10.439 min Scan# 1251
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion: 93 Resp: 194038

Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.4	38.2
123	9.7	8.4	12.6

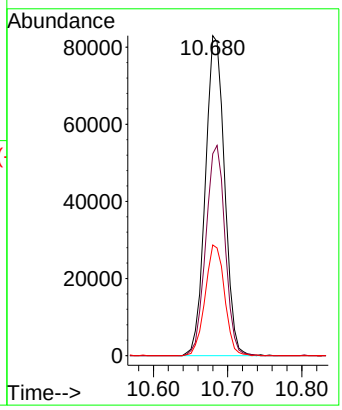




#29
2,4-Dichlorophenol
Concen: 51.062 ng
RT: 10.680 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:162 Resp: 14885

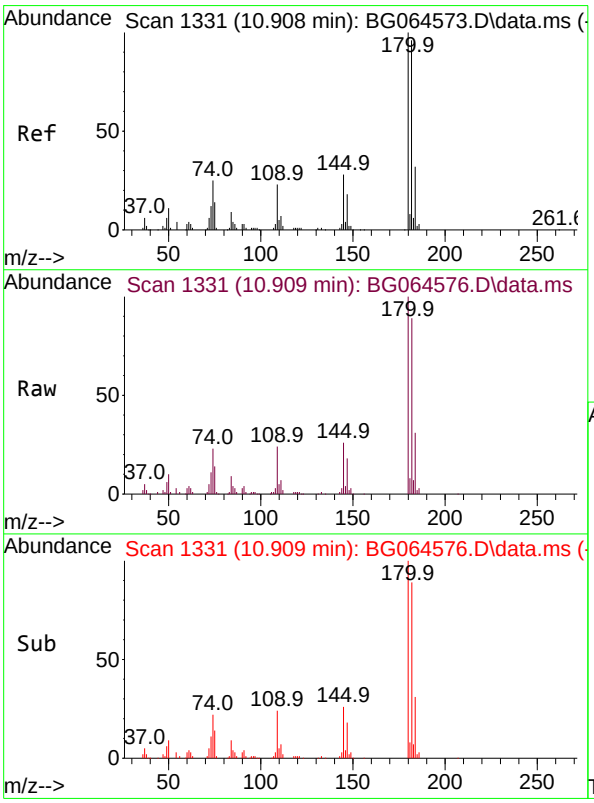
Ion	Ratio	Lower	Upper
162	100		
164	63.1	48.7	88.7
98	34.6	16.9	56.9



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

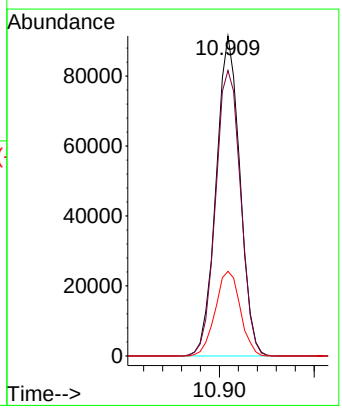
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

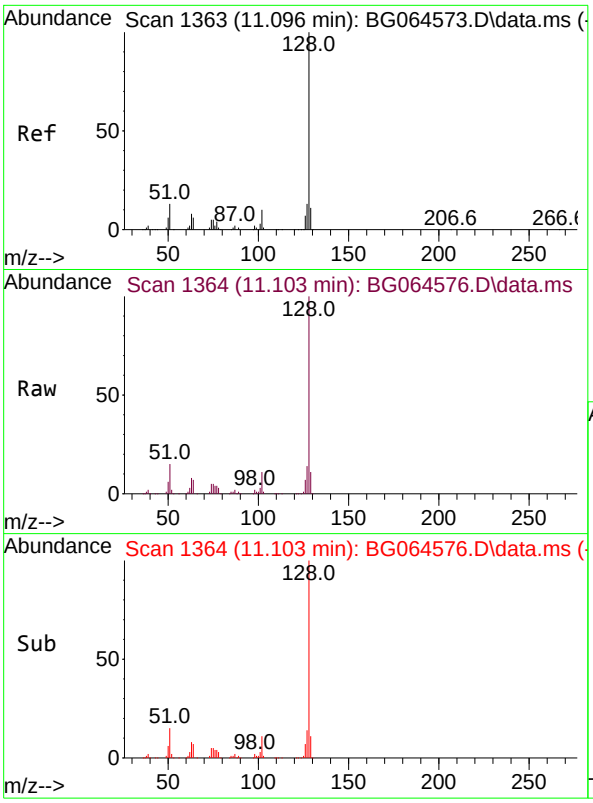


#30
1,2,4-Trichlorobenzene
Concen: 48.068 ng
RT: 10.909 min Scan# 1331
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:180 Resp: 159207

Ion	Ratio	Lower	Upper
180	100		
182	89.2	76.9	115.3
145	26.4	22.1	33.1

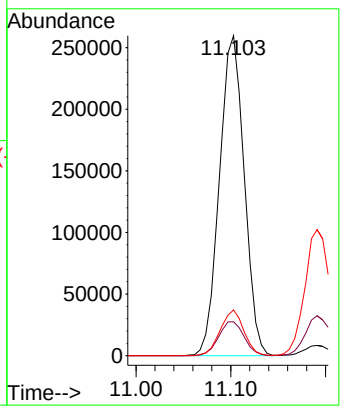




#31
Naphthalene
Concen: 46.695 ng
RT: 11.103 min Scan# 1
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:128 Resp: 471891

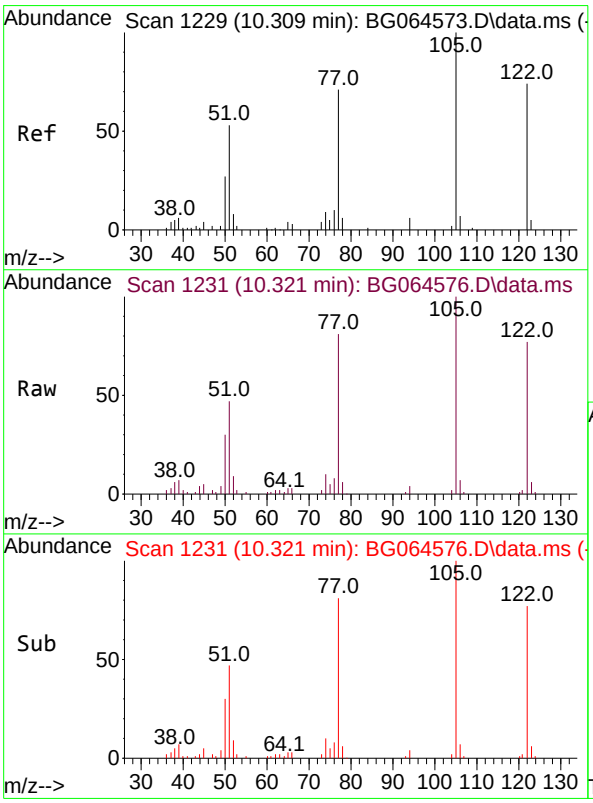
Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.8	13.2
127	14.3	10.6	15.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

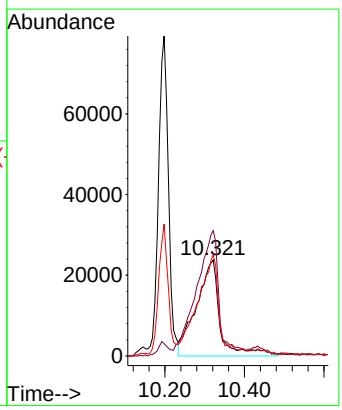
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

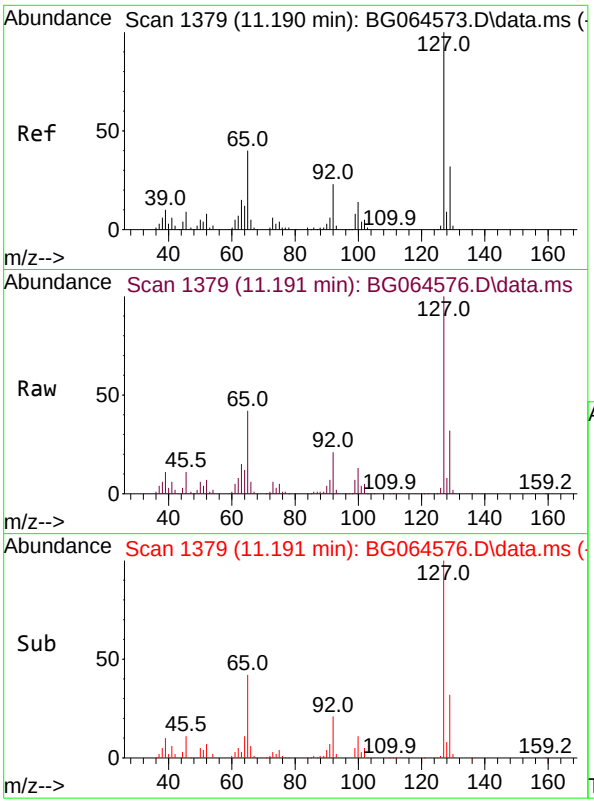


#32
Benzoic acid
Concen: 47.410 ng m
RT: 10.321 min Scan# 1231
Delta R.T. 0.012 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:122 Resp: 97970

Ion	Ratio	Lower	Upper
122	100		
105	130.6	104.2	144.2
77	105.4	70.2	110.2

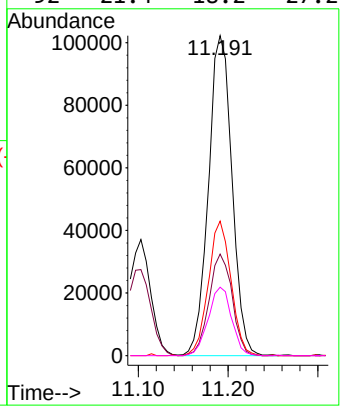




#33
4-Chloroaniline
Concen: 47.560 ng
RT: 11.191 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:127 Resp: 18681

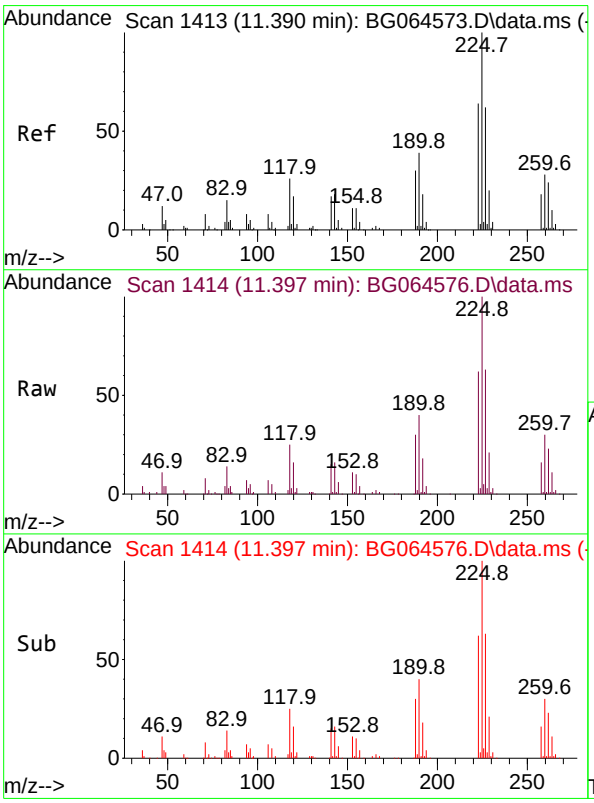
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.5	38.3
65	42.0	32.2	48.4
92	21.4	18.2	27.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

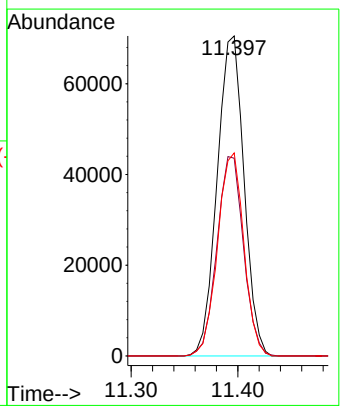
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

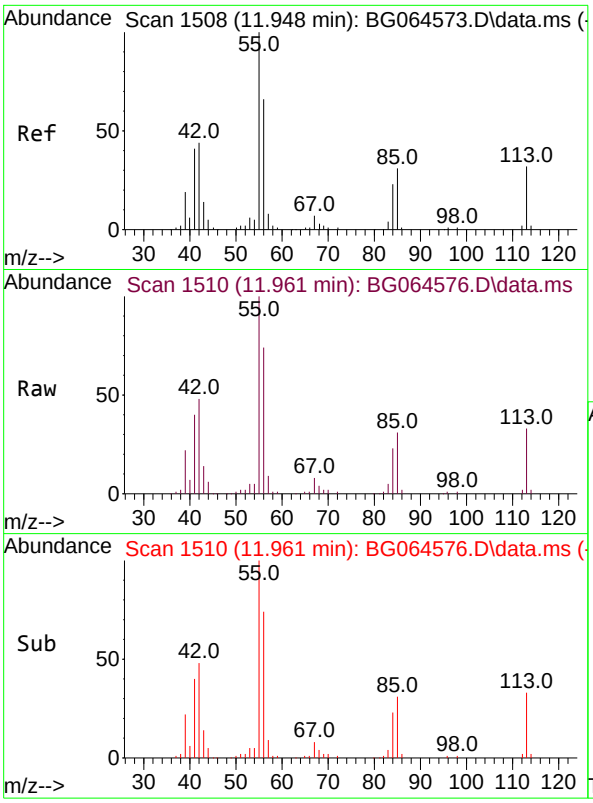


#34
Hexachlorobutadiene
Concen: 47.716 ng
RT: 11.397 min Scan# 1414
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:225 Resp: 123596

Ion	Ratio	Lower	Upper
225	100		
223	59.0	48.8	73.2
227	63.1	49.5	74.3

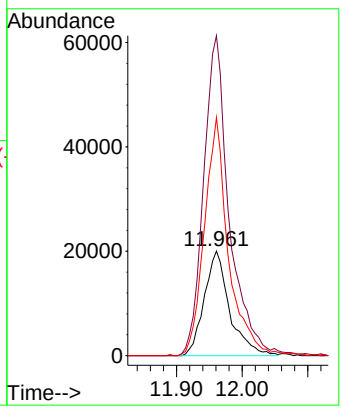




#35
Caprolactam
Concen: 48.020 ng
RT: 11.961 min Scan# 1
Delta R.T. 0.013 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:113 Resp: 5368

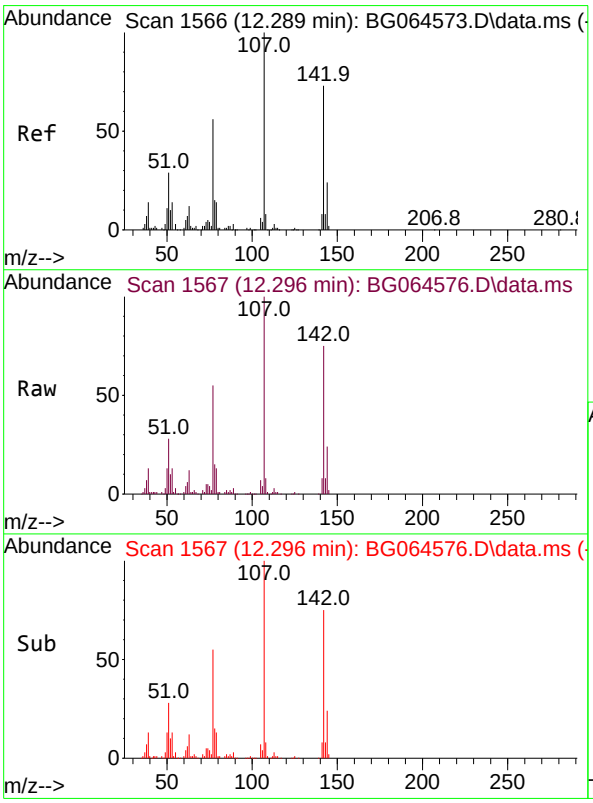
Ion	Ratio	Lower	Upper
113	100		
55	305.8	290.1	330.1
56	227.6	183.8	223.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

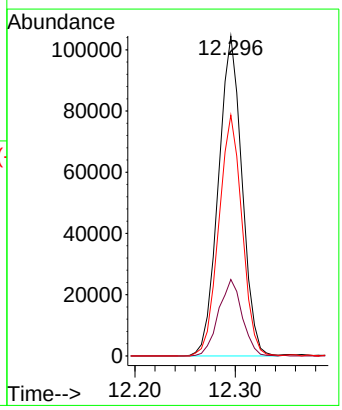
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

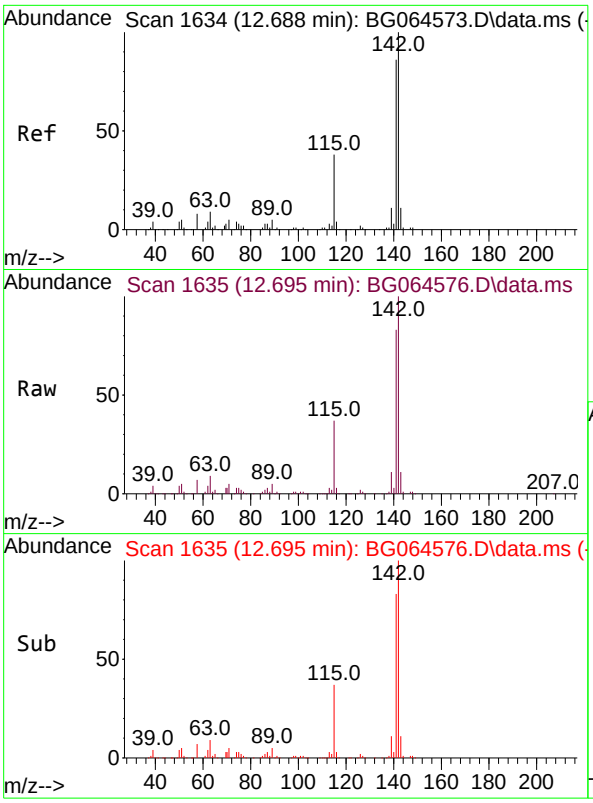


#36
4-Chloro-3-methylphenol
Concen: 48.836 ng
RT: 12.296 min Scan# 1567
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:107 Resp: 171120

Ion	Ratio	Lower	Upper
107	100		
144	23.9	19.1	28.7
142	75.2	58.6	87.8

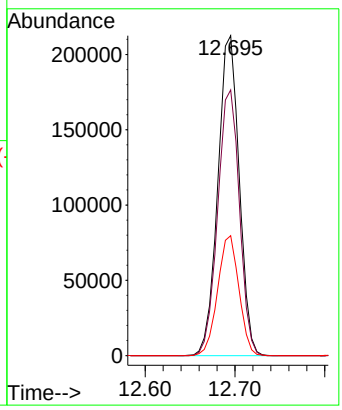




#37
2-Methylnaphthalene
Concen: 47.435 ng
RT: 12.695 min Scan# 1
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:142 Resp: 351946

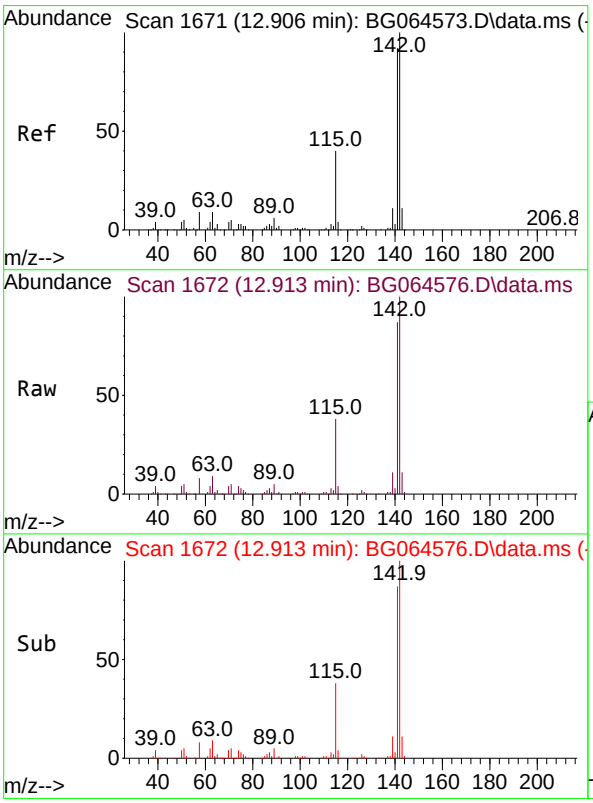
Ion	Ratio	Lower	Upper
142	100		
141	83.0	68.9	103.3
115	37.5	30.6	46.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations
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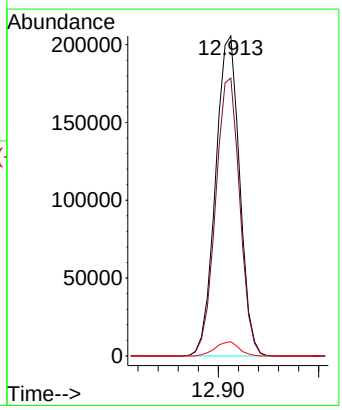
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

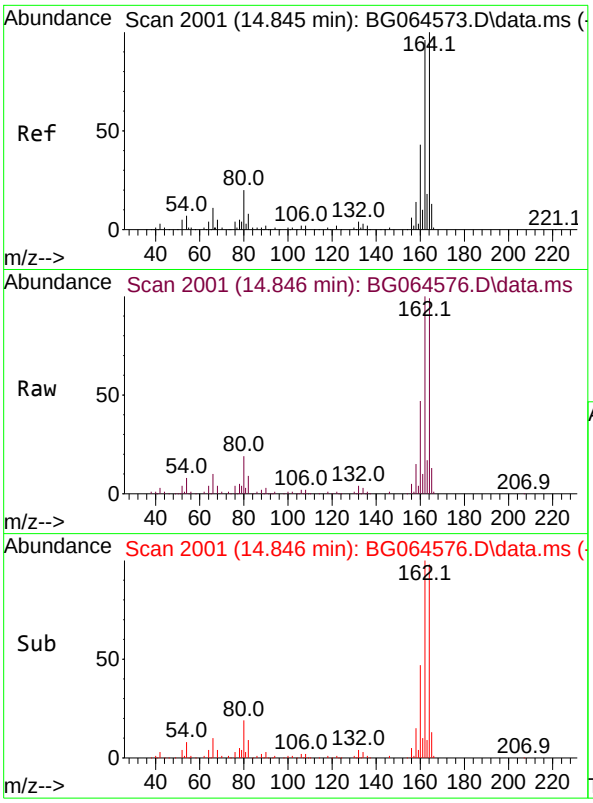


#38
1-Methylnaphthalene
Concen: 46.666 ng
RT: 12.913 min Scan# 1672
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:142 Resp: 342687

Ion	Ratio	Lower	Upper
142	100		
141	86.8	73.3	109.9
116	4.4	3.1	4.7

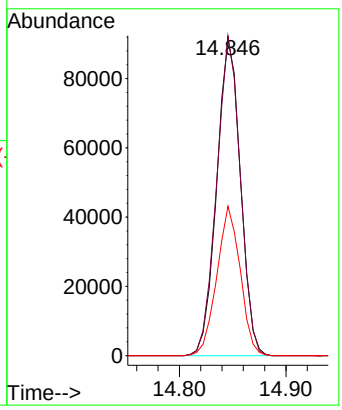




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.846 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:164 Resp: 14203

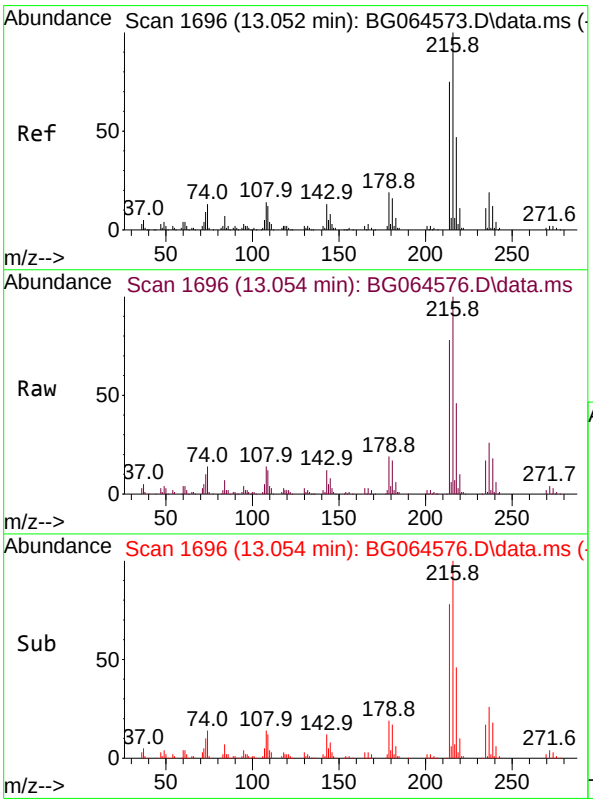
Ion	Ratio	Lower	Upper
164	100		
162	101.1	77.0	115.6
160	47.2	34.4	51.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

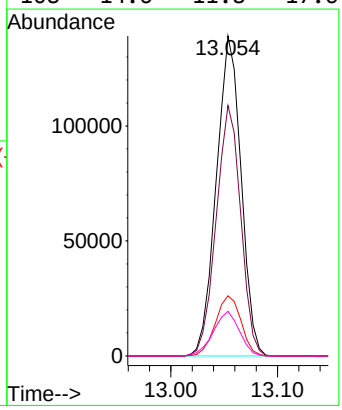
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

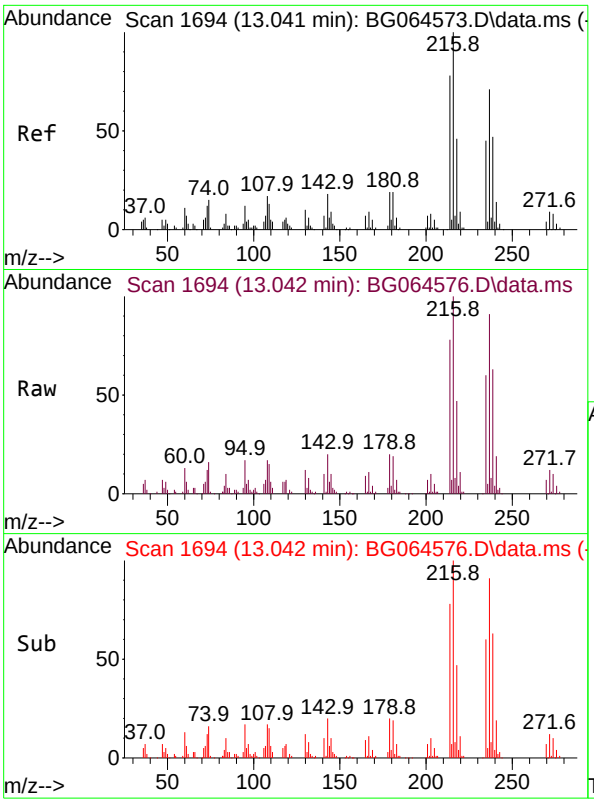


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.131 ng
RT: 13.054 min Scan# 1696
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:216 Resp: 224658

Ion	Ratio	Lower	Upper
216	100		
214	77.5	61.4	92.2
179	19.4	15.4	23.0
108	14.6	11.8	17.6

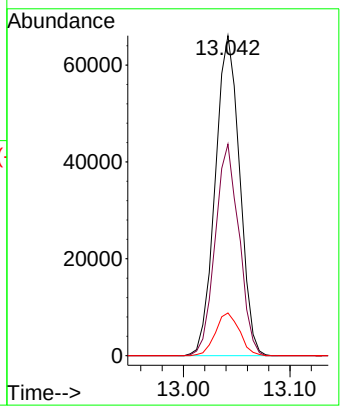




#41
Hexachlorocyclopentadiene
Concen: 49.131 ng
RT: 13.042 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:237 Resp: 10541

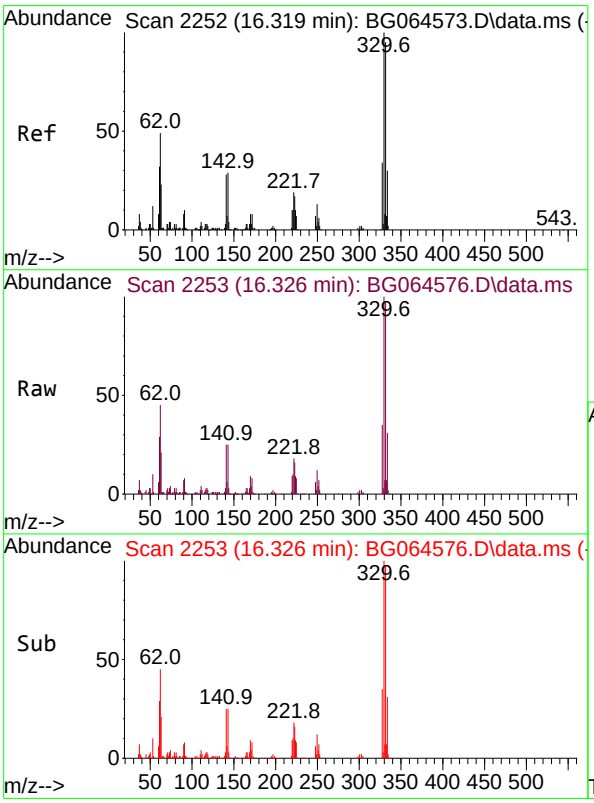
Ion	Ratio	Lower	Upper
237	100		
235	66.1	44.1	84.1
272	13.3	0.0	32.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

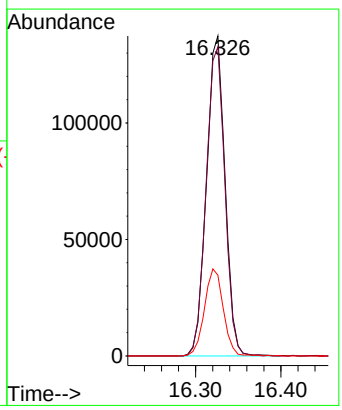
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

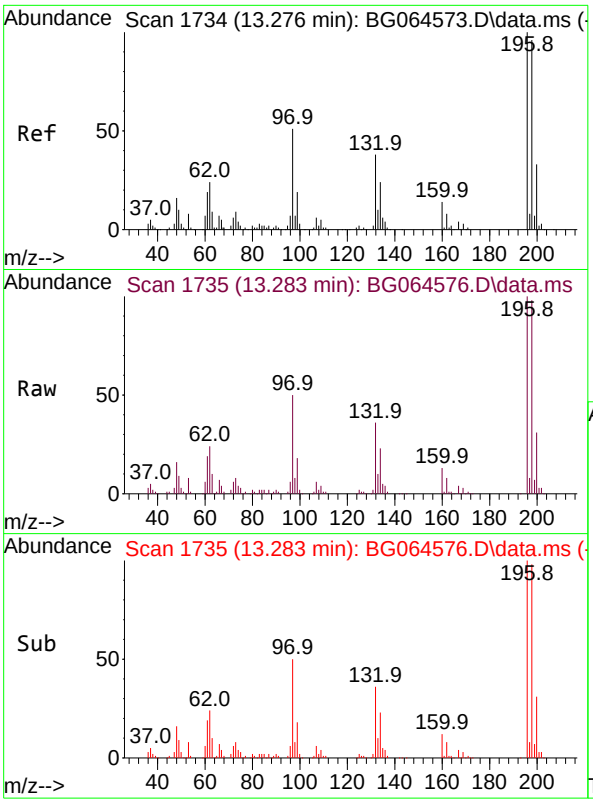


#42
2,4,6-Tribromophenol
Concen: 101.122 ng
RT: 16.326 min Scan# 2253
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:330 Resp: 207294

Ion	Ratio	Lower	Upper
330	100		
332	97.5	78.0	117.0
141	27.6	21.8	32.6

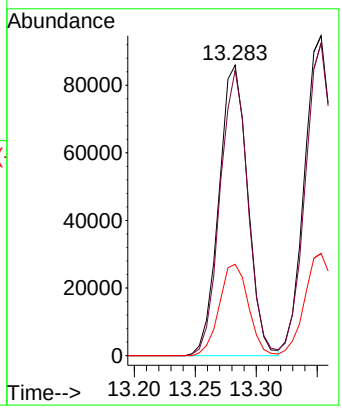




#43
2,4,6-Trichlorophenol
Concen: 51.898 ng
RT: 13.283 min Scan# 1
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:196 Resp: 14150

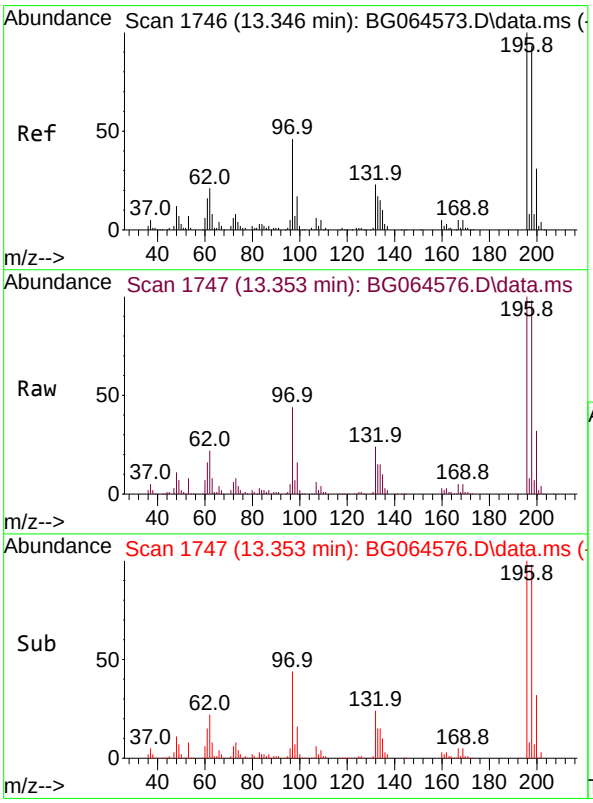
Ion	Ratio	Lower	Upper
196	100		
198	98.3	76.6	115.0
200	31.4	26.0	39.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

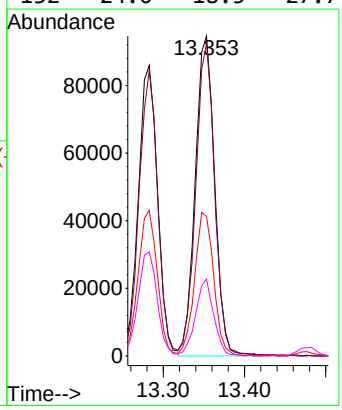
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

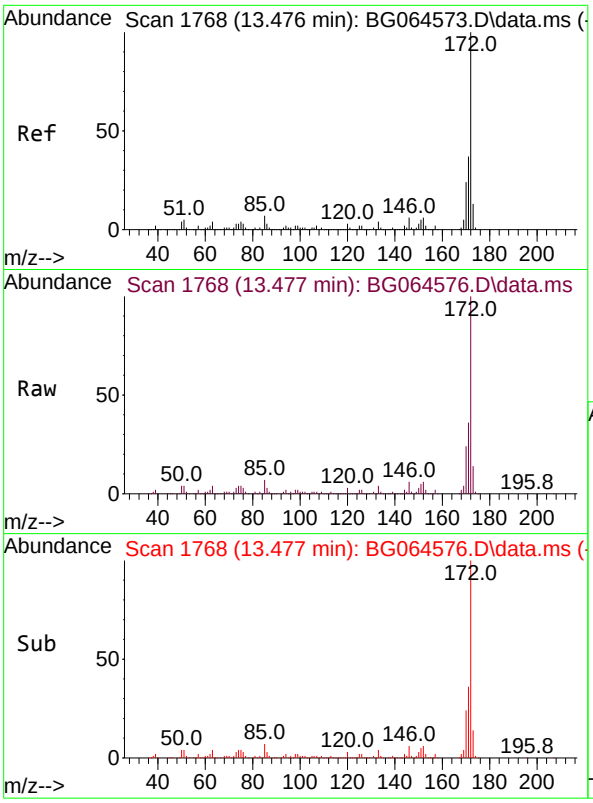


#44
2,4,5-Trichlorophenol
Concen: 49.997 ng
RT: 13.353 min Scan# 1747
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:196 Resp: 157315

Ion	Ratio	Lower	Upper
196	100		
198	97.6	74.2	111.4
97	43.5	37.0	55.6
132	24.0	18.5	27.7

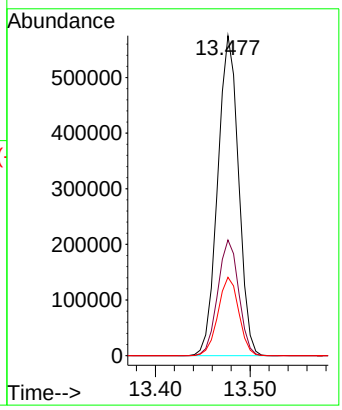




#45
2-Fluorobiphenyl
Concen: 93.626 ng
RT: 13.477 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:172 Resp: 87731

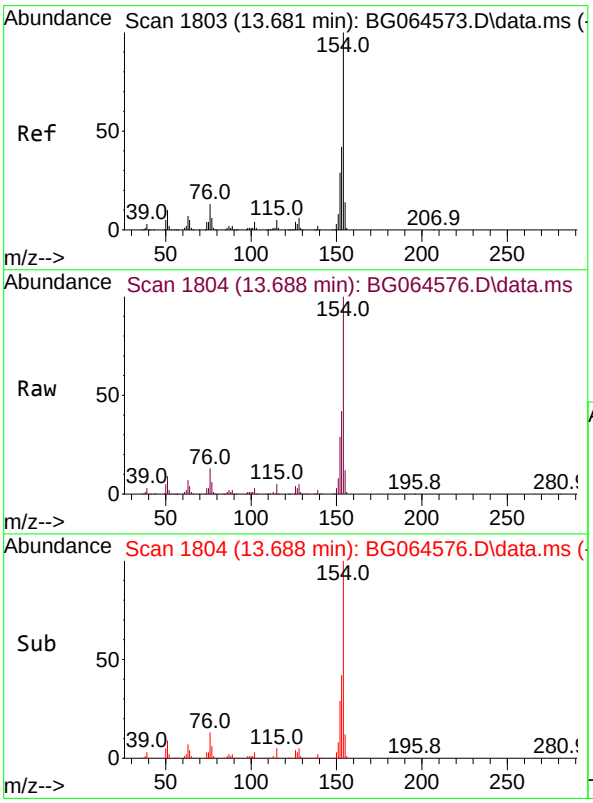
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.5	19.1	28.7



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

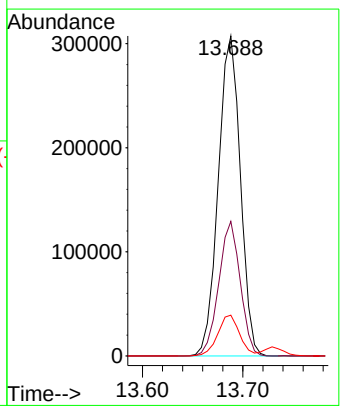
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

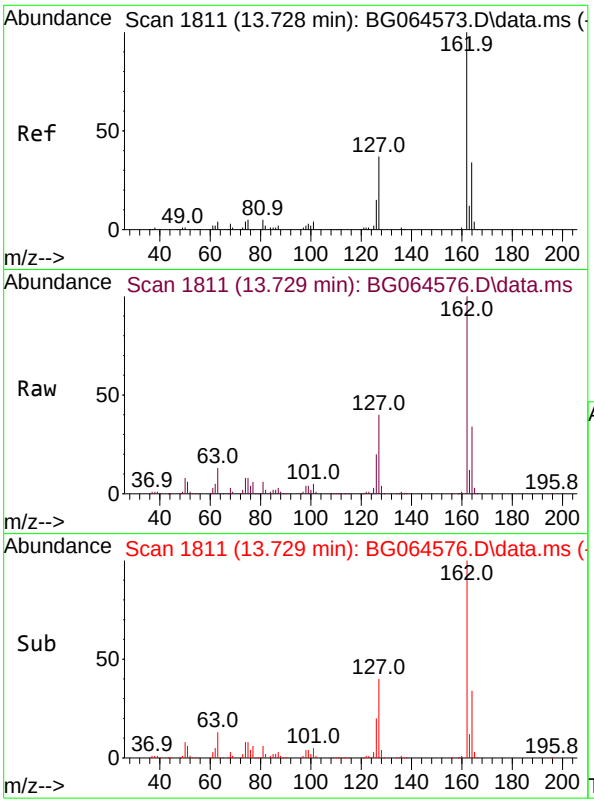


#46
1,1'-Biphenyl
Concen: 46.613 ng
RT: 13.688 min Scan# 1804
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:154 Resp: 470676

Ion	Ratio	Lower	Upper
154	100		
153	42.0	22.4	62.4
76	12.8	0.0	33.5

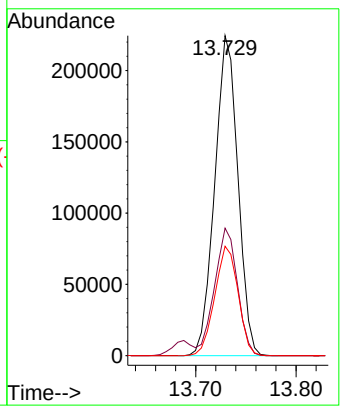




#47
2-Chloronaphthalene
Concen: 47.208 ng
RT: 13.729 min Scan# 18
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:162 Resp: 359811

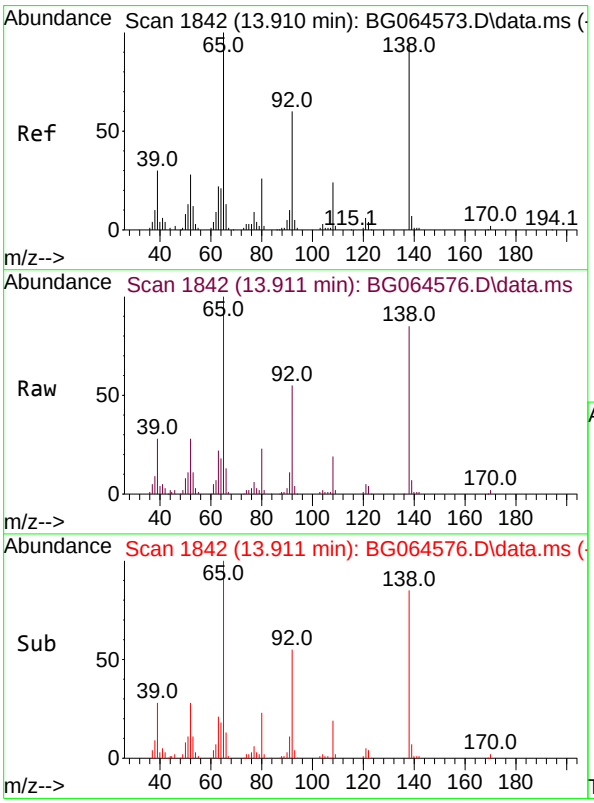
Ion	Ratio	Lower	Upper
162	100		
127	39.8	32.2	48.2
164	34.2	27.5	41.3



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

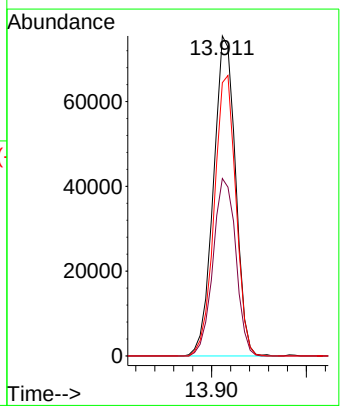
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

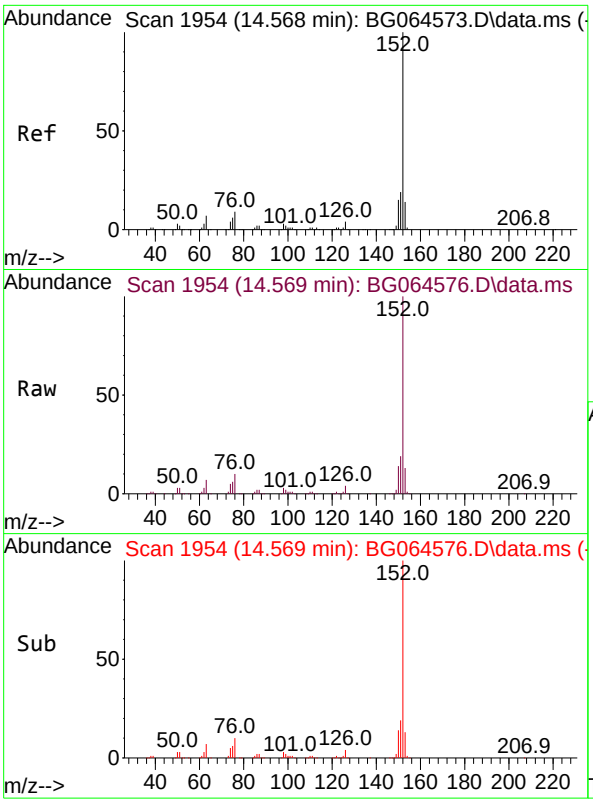


#48
2-Nitroaniline
Concen: 47.668 ng
RT: 13.911 min Scan# 1842
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion: 65 Resp: 121908

Ion	Ratio	Lower	Upper
65	100		
92	55.4	48.3	72.5
138	85.4	74.9	112.3

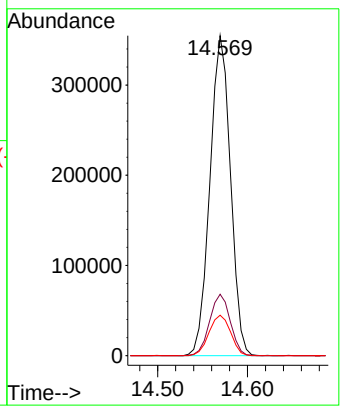




#49
Acenaphthylene
Concen: 47.060 ng
RT: 14.569 min Scan# 19
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:152 Resp: 56577

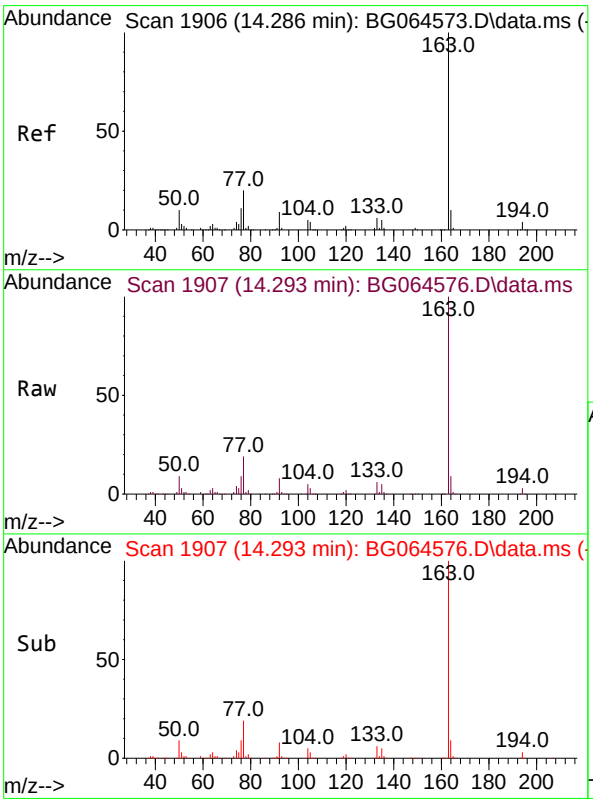
Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.2
153	12.6	11.0	16.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

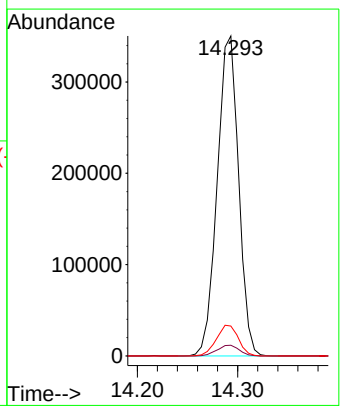
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

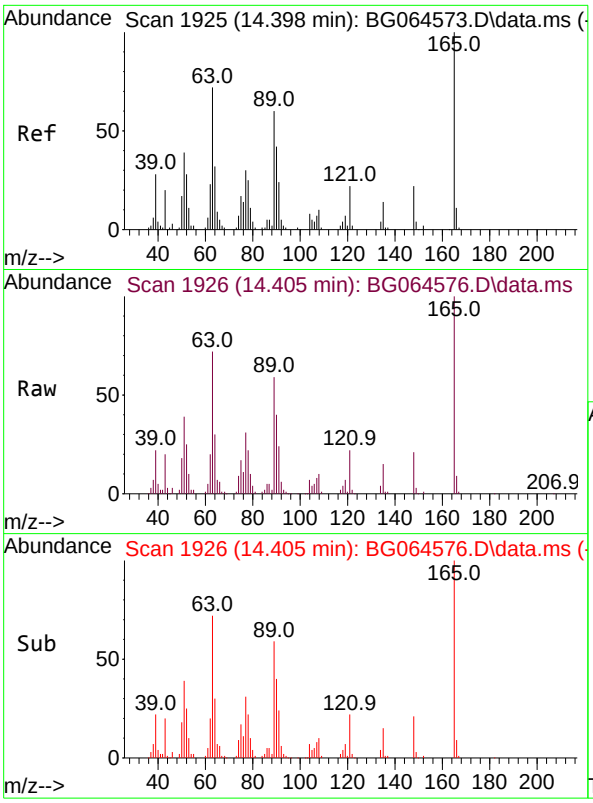


#50
Dimethylphthalate
Concen: 47.781 ng
RT: 14.293 min Scan# 1907
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:163 Resp: 519303

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.8	4.2
164	9.3	7.7	11.5

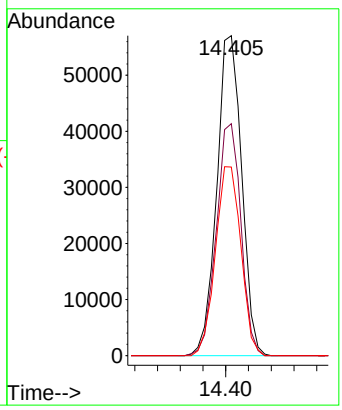




#51
2,6-Dinitrotoluene
Concen: 48.306 ng
RT: 14.405 min Scan# 19
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:165 Resp: 8666

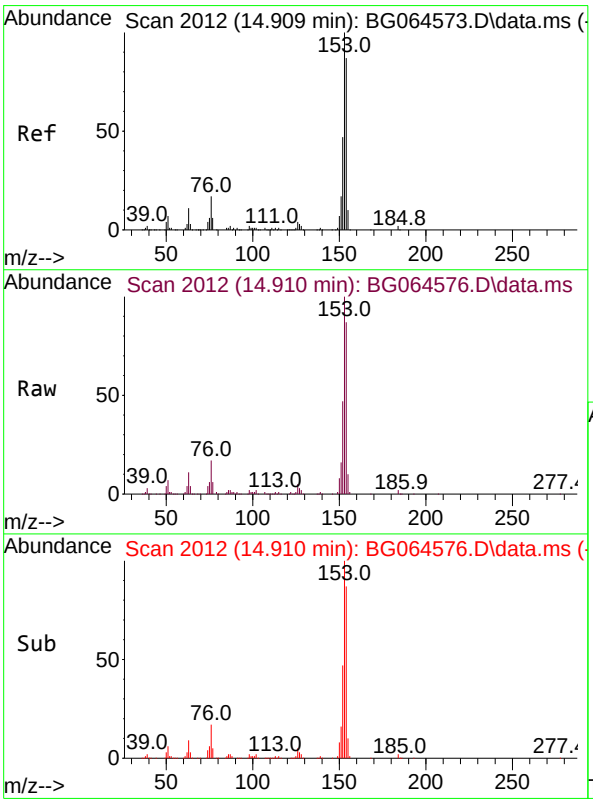
Ion	Ratio	Lower	Upper
165	100		
63	72.5	57.4	86.0
89	58.9	47.8	71.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

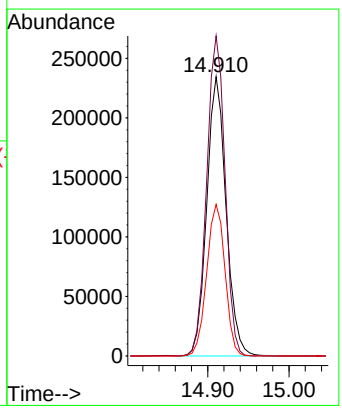
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

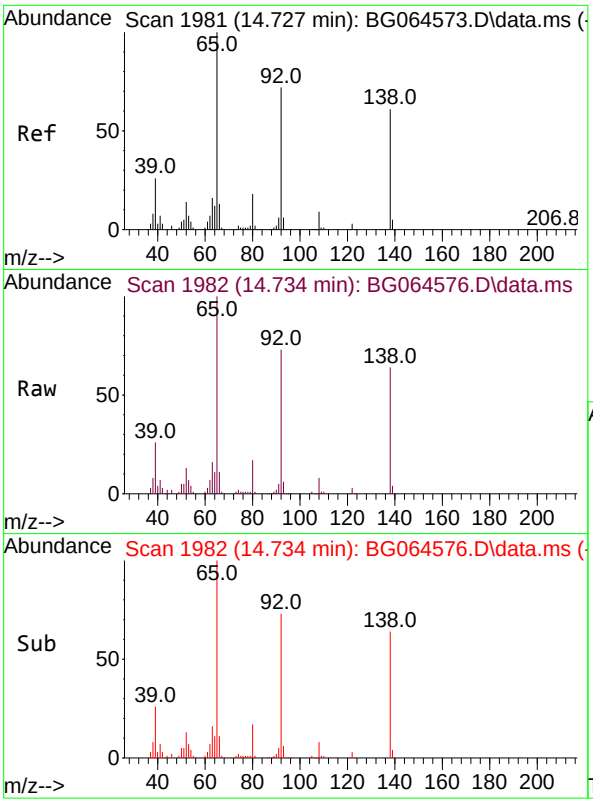


#52
Acenaphthene
Concen: 47.239 ng
RT: 14.910 min Scan# 2012
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:154 Resp: 388012

Ion	Ratio	Lower	Upper
154	100		
153	114.6	92.2	138.4
152	54.3	43.2	64.8

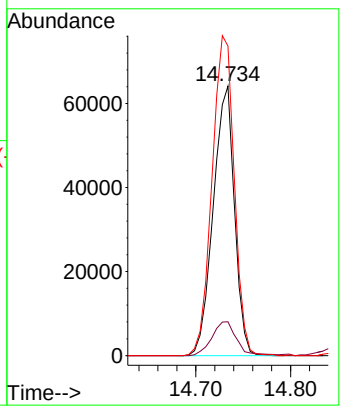




#53
3-Nitroaniline
Concen: 53.405 ng
RT: 14.734 min Scan# 19
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:138 Resp: 9974

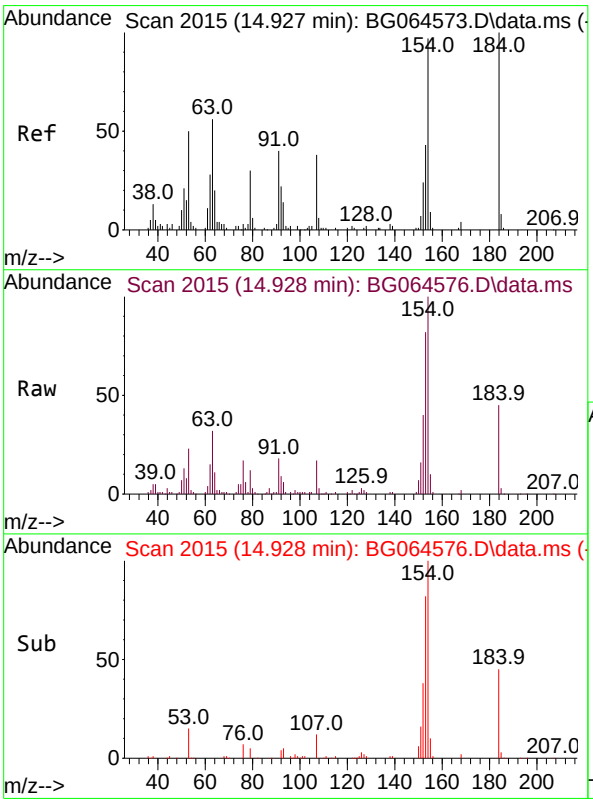
Ion	Ratio	Lower	Upper
138	100		
108	12.6	11.4	17.0
92	114.8	95.3	142.9



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

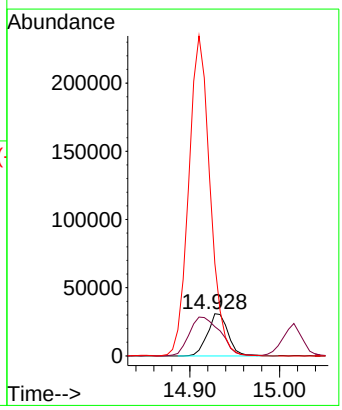
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

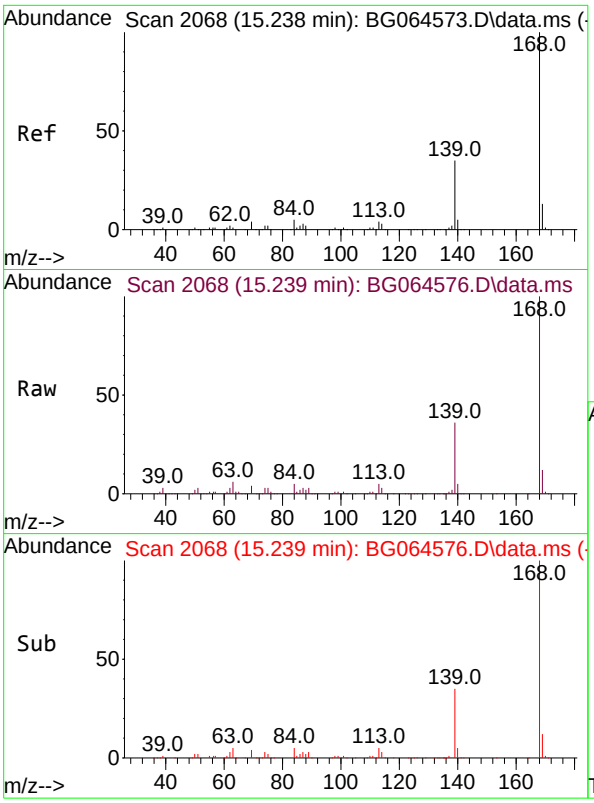


#54
2,4-Dinitrophenol
Concen: 47.268 ng
RT: 14.928 min Scan# 2015
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:184 Resp: 49318

Ion	Ratio	Lower	Upper
184	100		
63	69.5	56.6	85.0
154	219.8	158.6	238.0

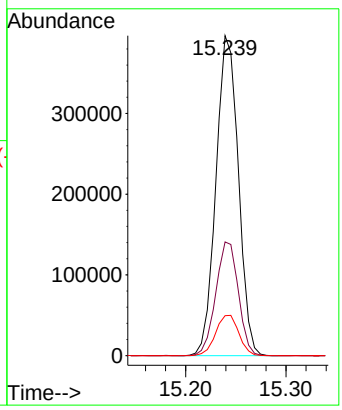




#55
Dibenzofuran
Concen: 46.355 ng
RT: 15.239 min Scan# 20
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:168 Resp: 61555

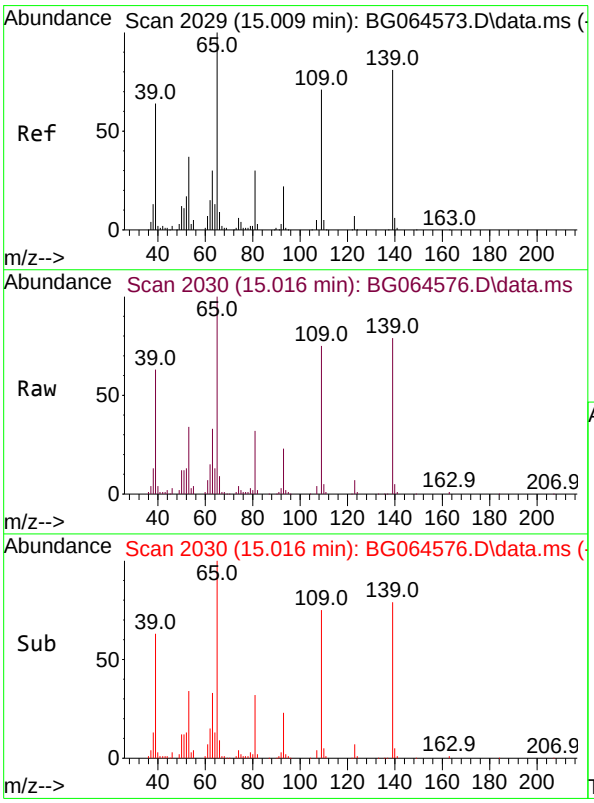
Ion	Ratio	Lower	Upper
168	100		
139	35.5	27.8	41.8
169	12.5	10.3	15.5



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

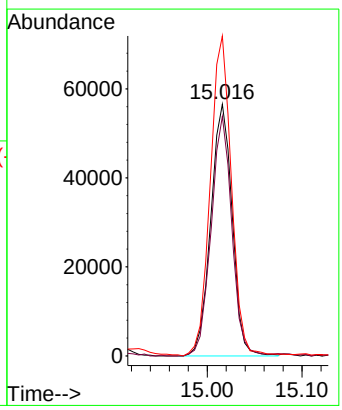
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

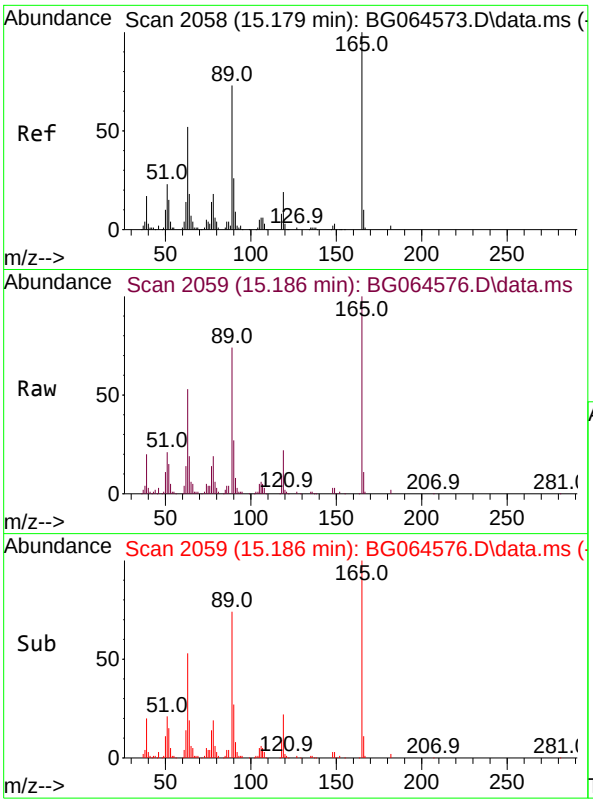


#56
4-Nitrophenol
Concen: 51.169 ng
RT: 15.016 min Scan# 2030
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:139 Resp: 88609

Ion	Ratio	Lower	Upper
139	100		
109	95.2	67.8	107.8
65	127.2	103.7	143.7

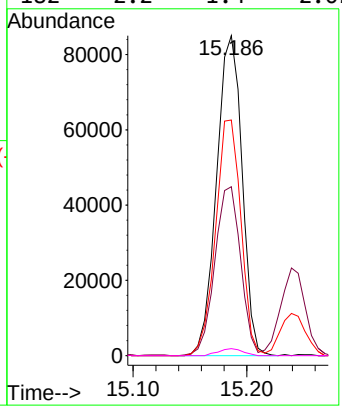




#57
2,4-Dinitrotoluene
Concen: 47.759 ng
RT: 15.186 min Scan# 2
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:165 Resp: 13237

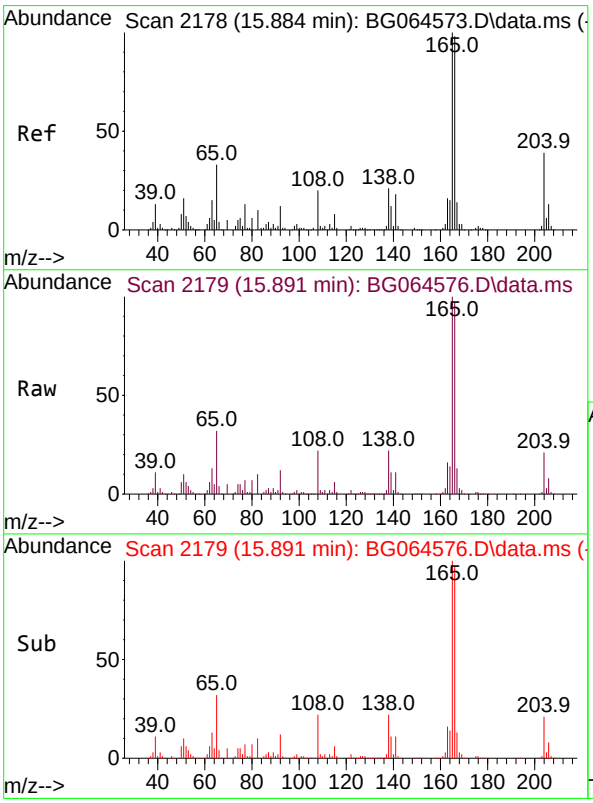
Ion	Ratio	Lower	Upper
165	100		
63	52.8	41.8	62.8
89	73.6	58.1	87.1
182	2.2	1.4	2.0#



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

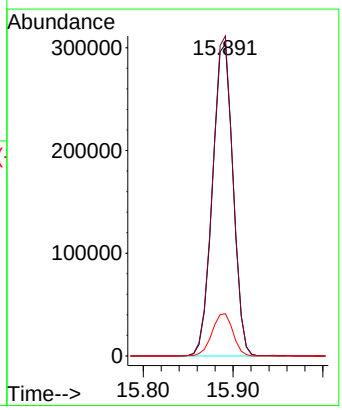
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

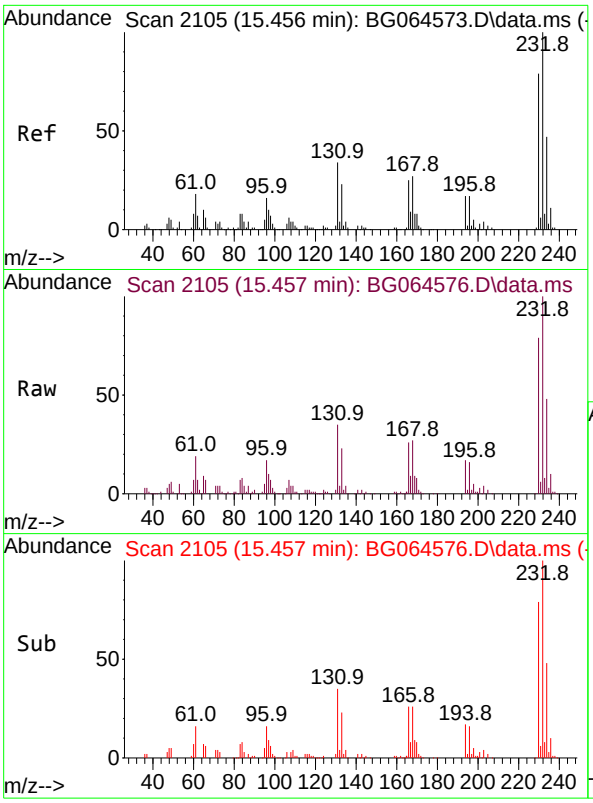


#58
Fluorene
Concen: 46.441 ng
RT: 15.891 min Scan# 2179
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:166 Resp: 481625

Ion	Ratio	Lower	Upper
166	100		
165	102.6	81.5	122.3
167	13.5	11.4	17.0

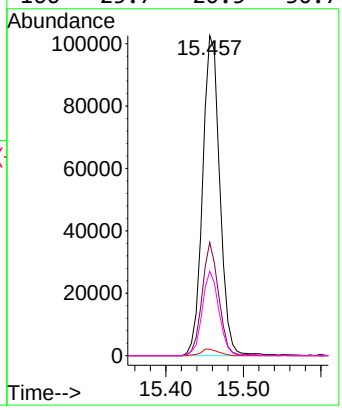




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.440 ng
RT: 15.457 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:232 Resp: 15778

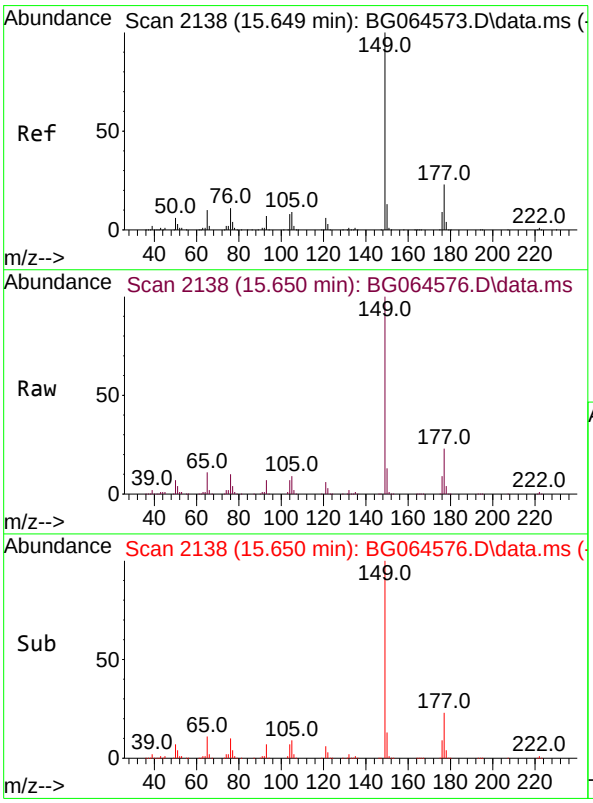
Ion	Ratio	Lower	Upper
232	100		
131	33.9	26.7	40.1
130	2.1	1.6	2.4
166	25.7	20.5	30.7



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

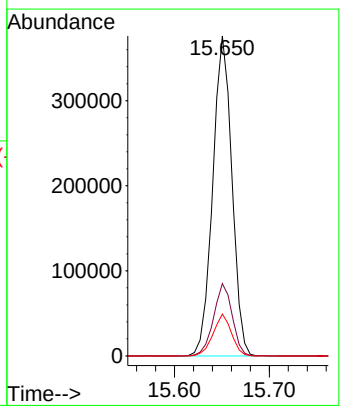
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

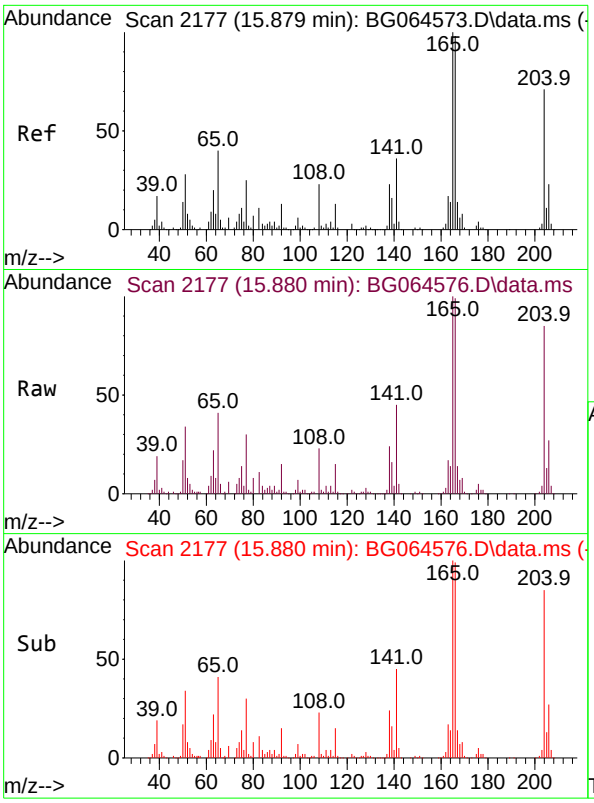


#60
Diethylphthalate
Concen: 47.543 ng
RT: 15.650 min Scan# 2138
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:149 Resp: 527594

Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.0	27.0
150	13.1	10.2	15.4

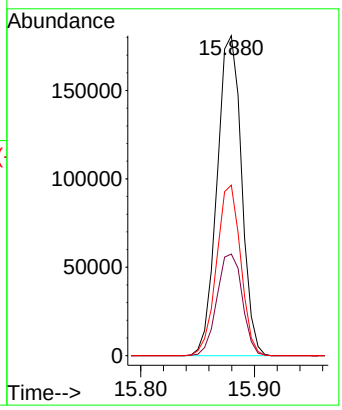




#61
4-Chlorophenyl-phenylether
Concen: 46.576 ng
RT: 15.880 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:204 Resp: 271068

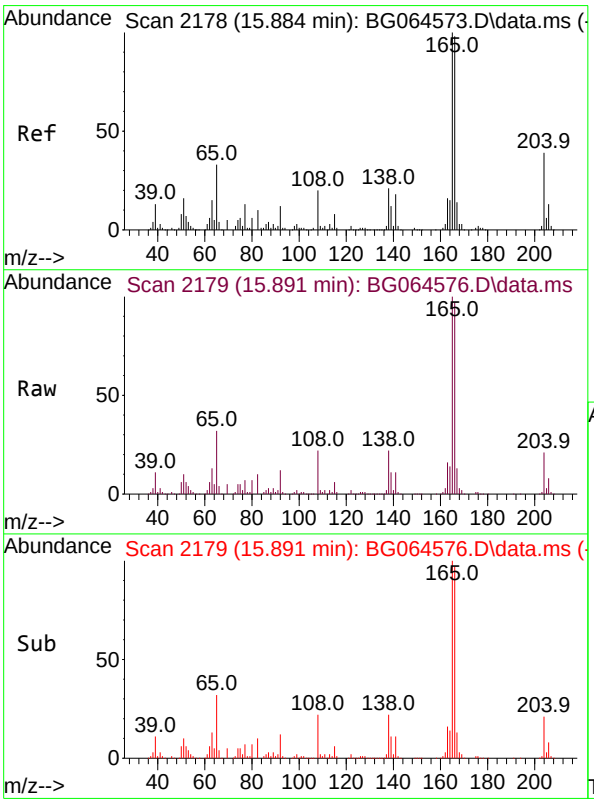
Ion	Ratio	Lower	Upper
204	100		
206	31.7	25.6	38.4
141	53.3	40.6	60.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations
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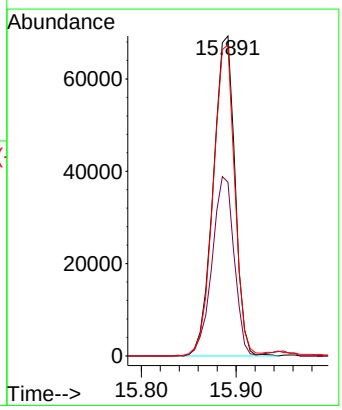
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

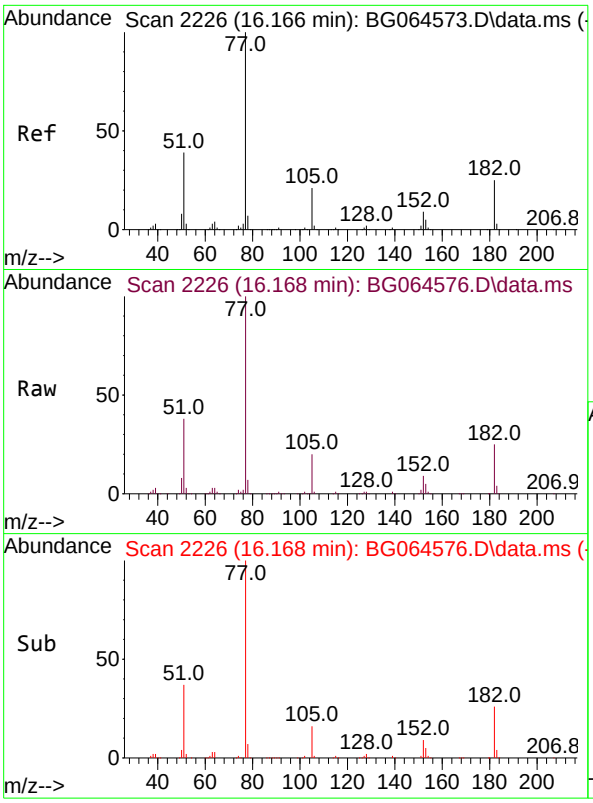


#62
4-Nitroaniline
Concen: 52.970 ng
RT: 15.891 min Scan# 2179
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:138 Resp: 110067

Ion	Ratio	Lower	Upper
138	100		
92	54.3	36.1	76.1
108	97.2	75.6	115.6

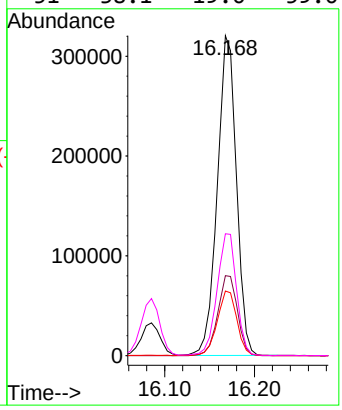




#63
Azobenzene
Concen: 46.671 ng
RT: 16.168 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion: 77 Resp: 47520

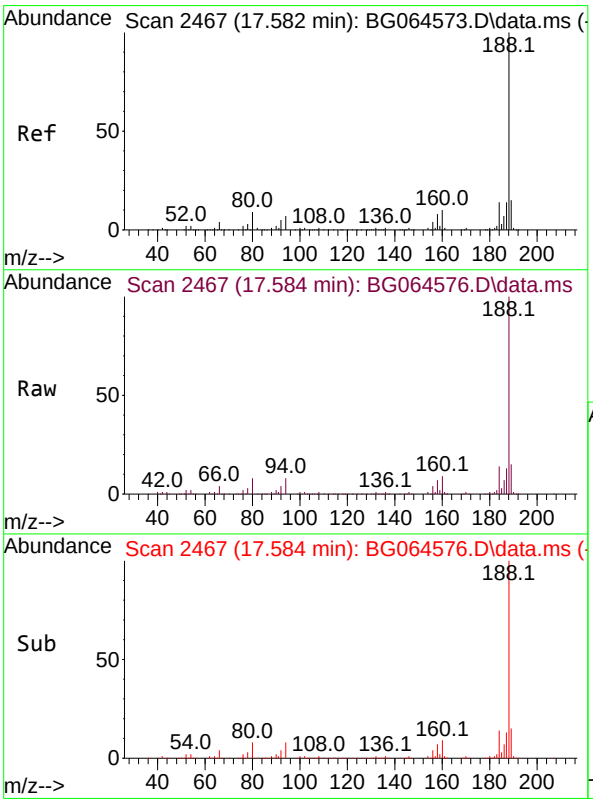
Ion	Ratio	Lower	Upper
77	100		
182	25.0	4.9	44.9
105	20.2	1.3	41.3
51	38.1	19.0	59.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

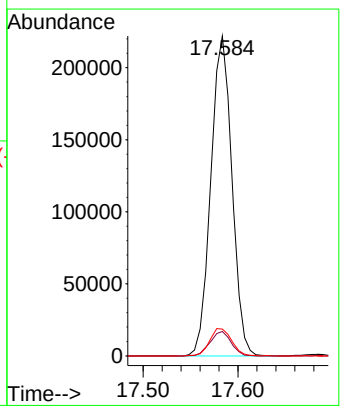
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

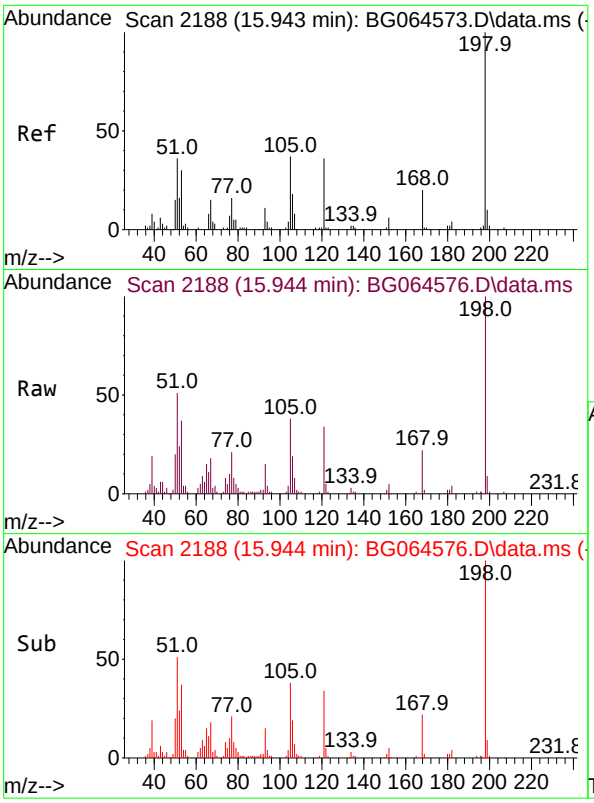


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.584 min Scan# 2467
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:188 Resp: 343365

Ion	Ratio	Lower	Upper
188	100		
94	7.6	5.7	8.5
80	8.4	6.8	10.2

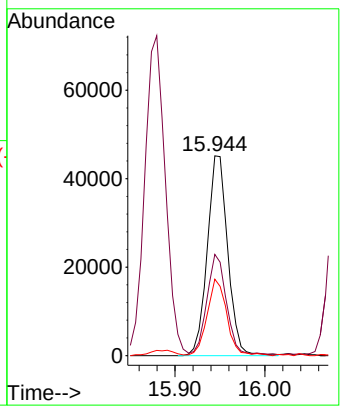




#65
4,6-Dinitro-2-methylphenol
Concen: 47.500 ng
RT: 15.944 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:198 Resp: 7167

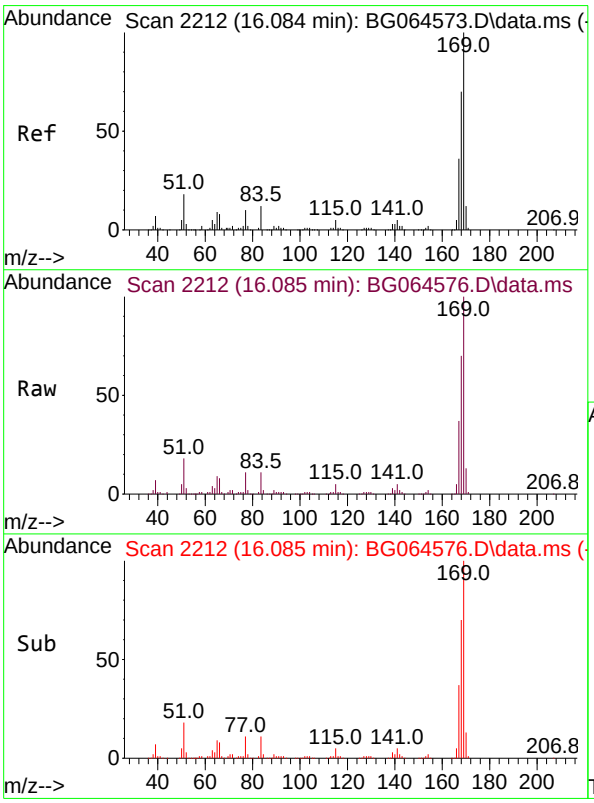
Ion	Ratio	Lower	Upper
198	100		
51	50.7	24.7	64.7
105	38.3	18.0	58.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

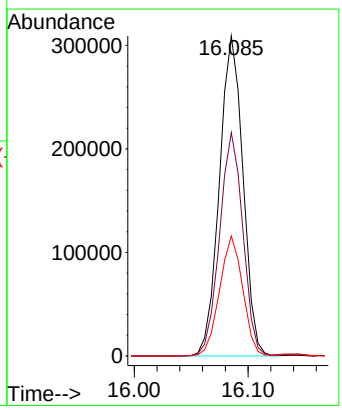
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

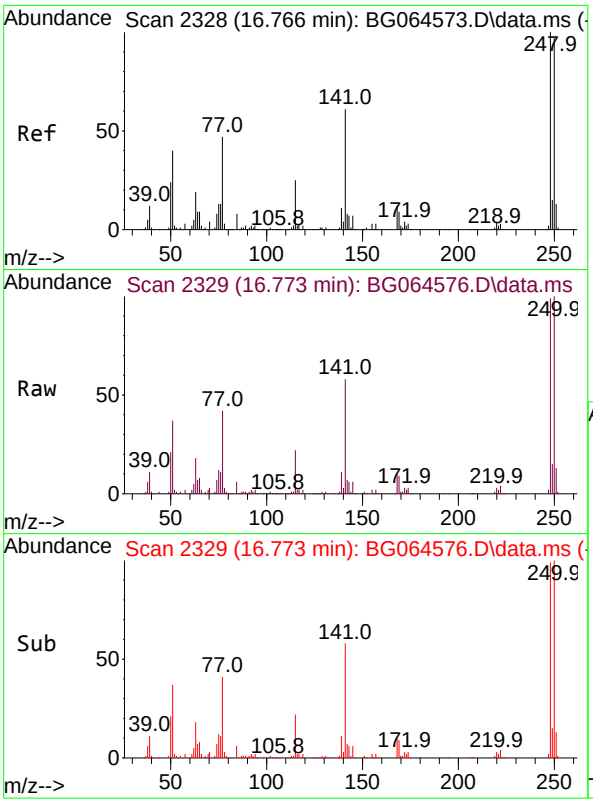


#66
n-Nitrosodiphenylamine
Concen: 47.959 ng
RT: 16.085 min Scan# 2212
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:169 Resp: 444824

Ion	Ratio	Lower	Upper
169	100		
168	69.8	56.3	84.5
167	37.5	29.0	43.6

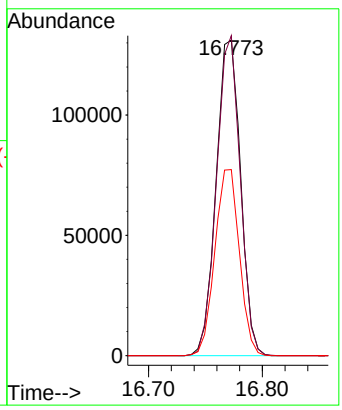




#67
4-Bromophenyl-phenylether
Concen: 48.225 ng
RT: 16.773 min Scan# 2
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:248 Resp: 19622

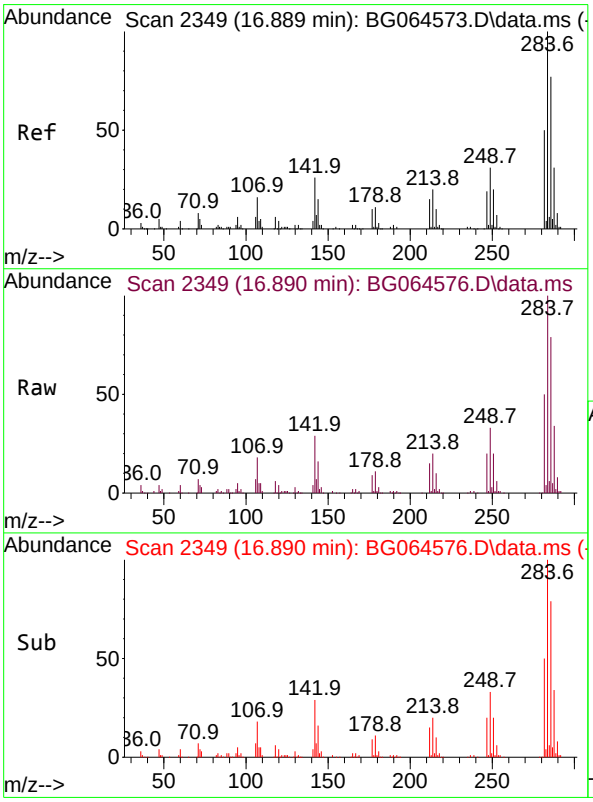
Ion	Ratio	Lower	Upper
248	100		
250	101.5	77.7	116.5
141	59.0	48.6	72.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

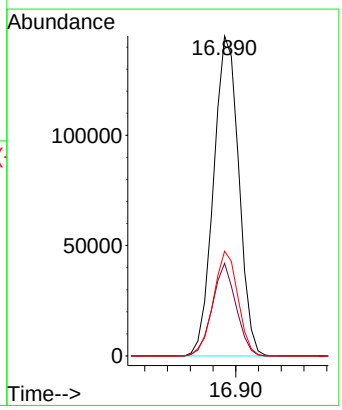
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

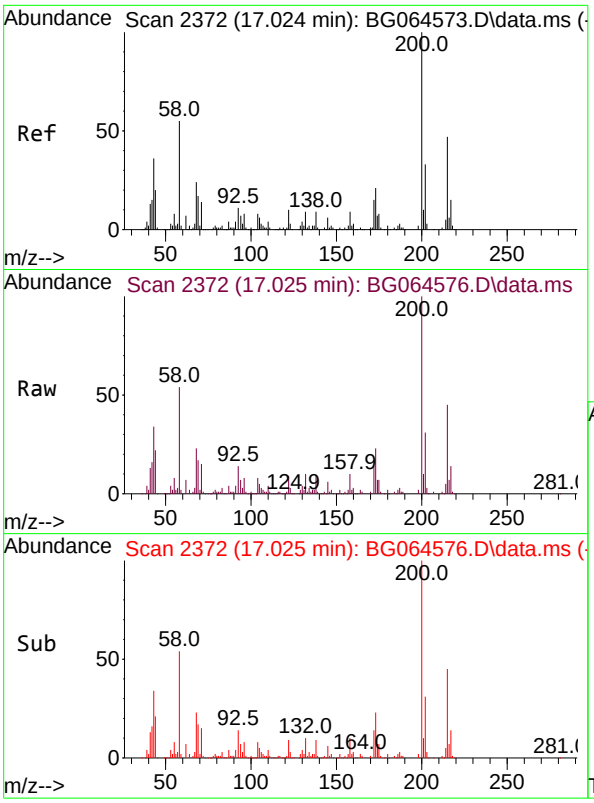


#68
Hexachlorobenzene
Concen: 48.043 ng
RT: 16.890 min Scan# 2349
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:284 Resp: 223018

Ion	Ratio	Lower	Upper
284	100		
142	28.9	21.0	31.6
249	35.3	24.9	37.3

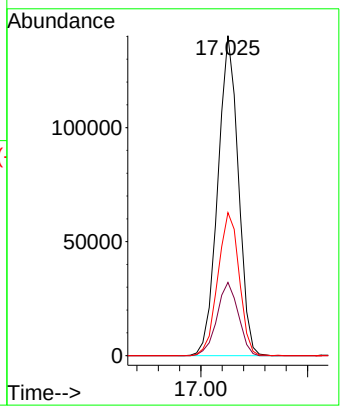




#69
Atrazine
Concen: 47.066 ng
RT: 17.025 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:200 Resp: 18786

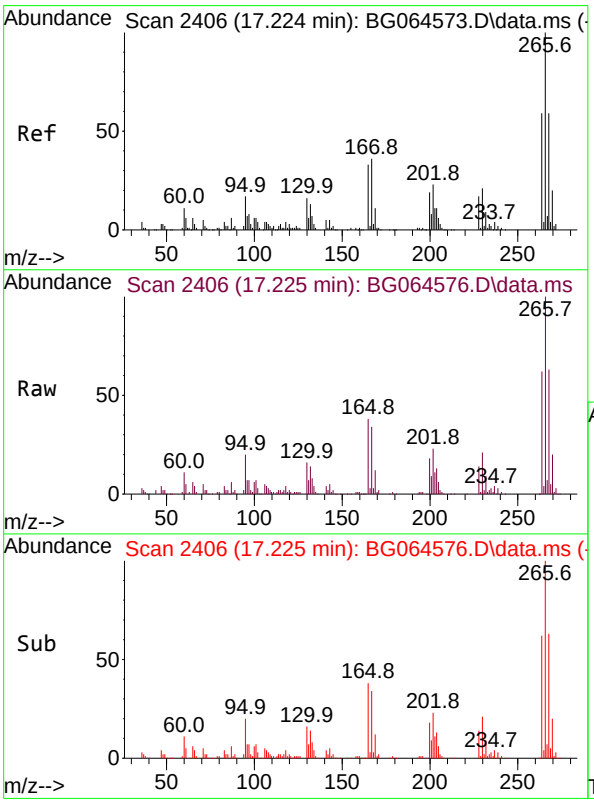
Ion	Ratio	Lower	Upper
200	100		
173	22.9	0.9	40.9
215	44.7	27.0	67.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

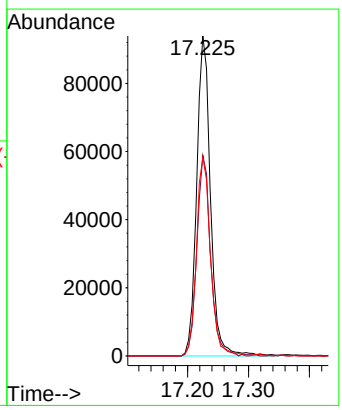
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

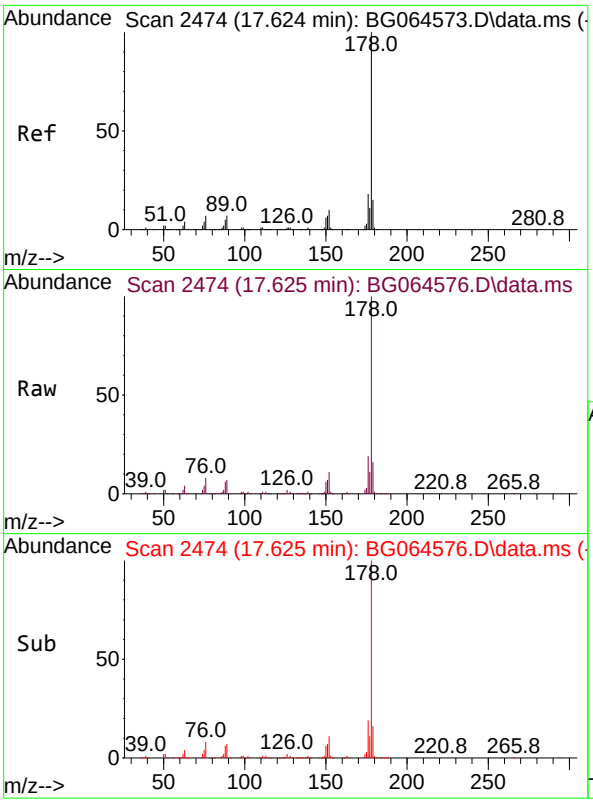


#70
Pentachlorophenol
Concen: 50.930 ng
RT: 17.225 min Scan# 2406
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:266 Resp: 147427

Ion	Ratio	Lower	Upper
266	100		
268	67.9	50.3	75.5
264	62.0	47.3	70.9

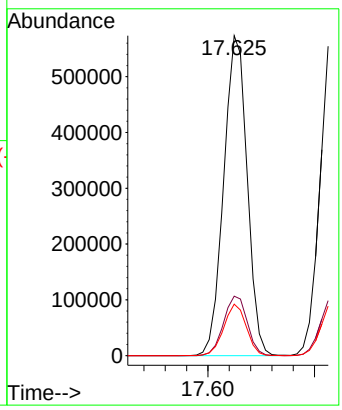




#71
Phenanthrene
Concen: 46.621 ng
RT: 17.625 min Scan# 24
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:178 Resp: 87541

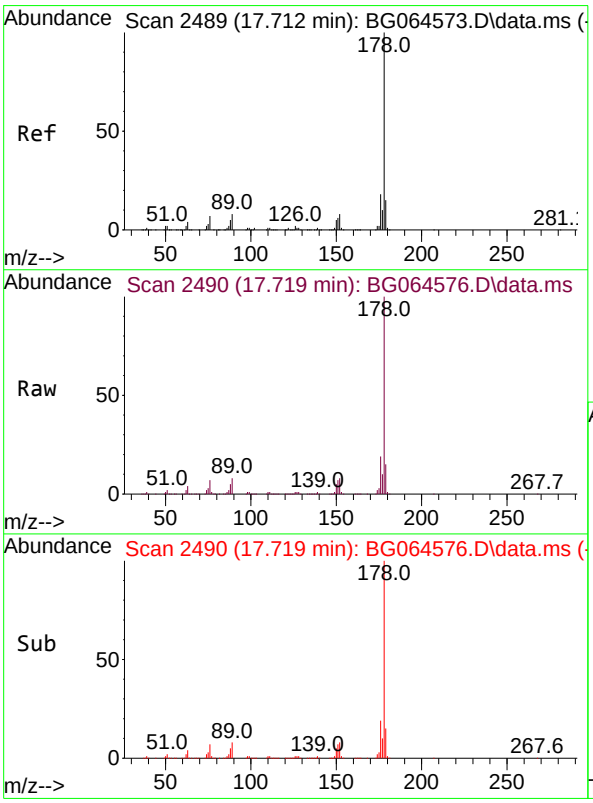
Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.7	22.1
179	16.1	12.2	18.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

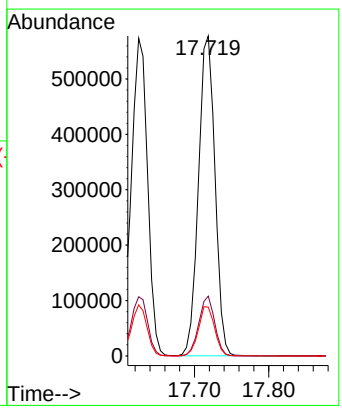
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

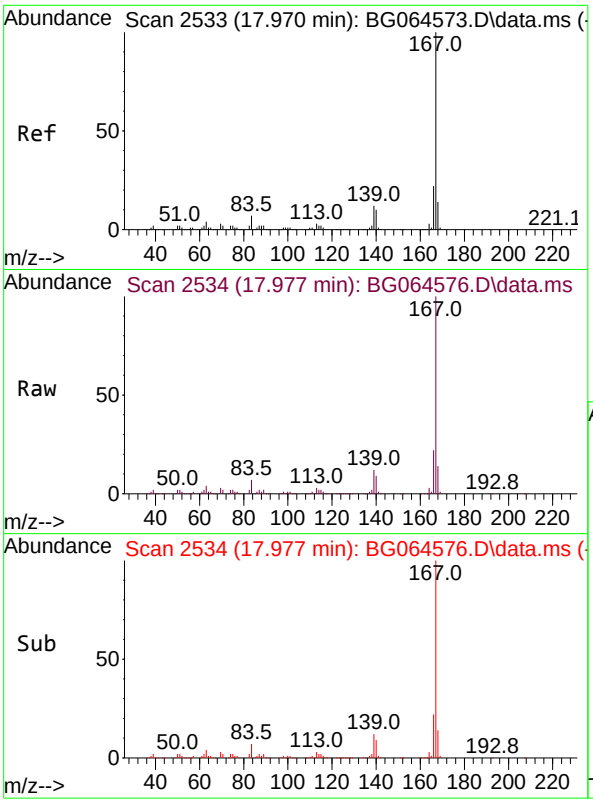


#72
Anthracene
Concen: 46.785 ng
RT: 17.719 min Scan# 2490
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:178 Resp: 893629

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.4	21.6
179	15.2	12.4	18.6

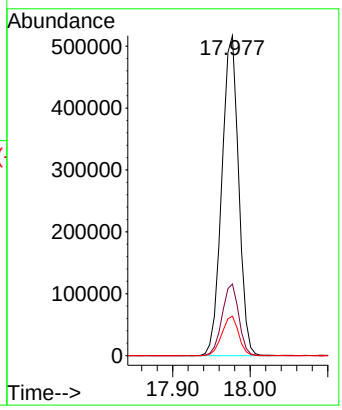




#73
Carbazole
Concen: 46.370 ng
RT: 17.977 min Scan# 2
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:167 Resp: 78103

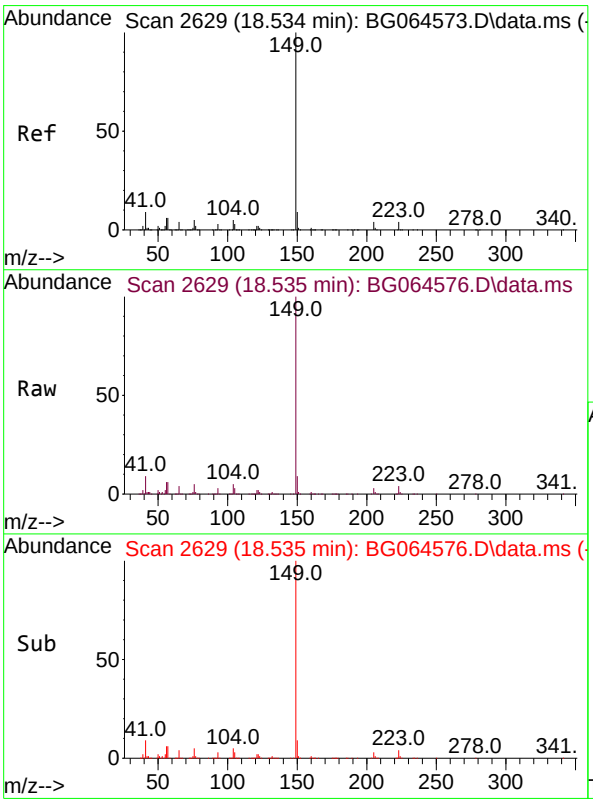
Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.9	26.9
139	12.3	9.7	14.5



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

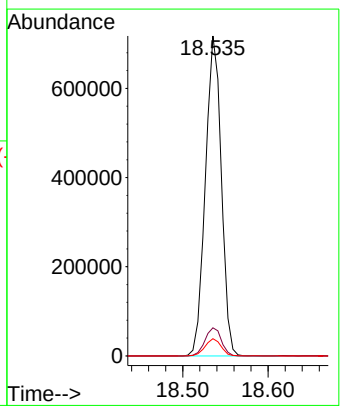
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

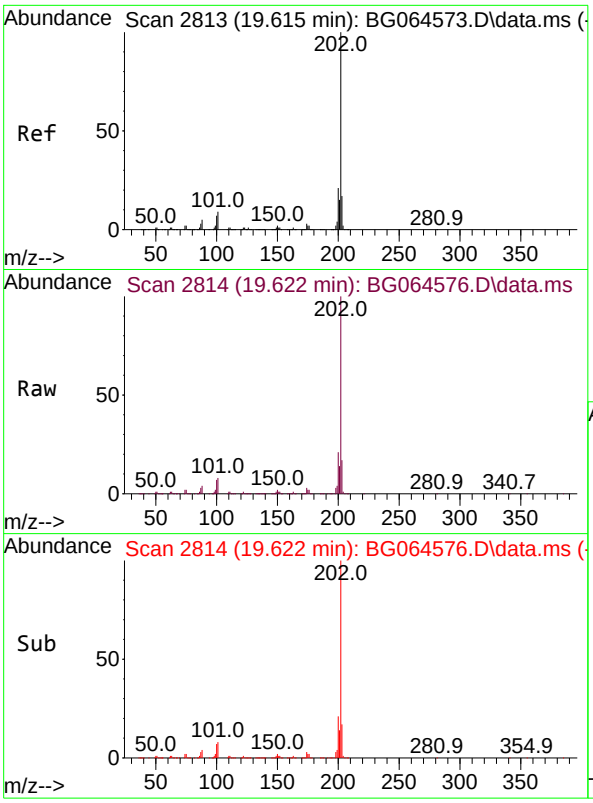


#74
Di-n-butylphthalate
Concen: 47.762 ng
RT: 18.535 min Scan# 2629
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:149 Resp: 930281

Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.0	10.6
104	5.4	4.1	6.1

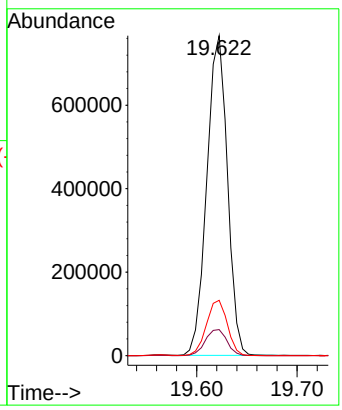




#75
Fluoranthene
Concen: 46.459 ng
RT: 19.622 min Scan# 2
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:202 Resp: 109285

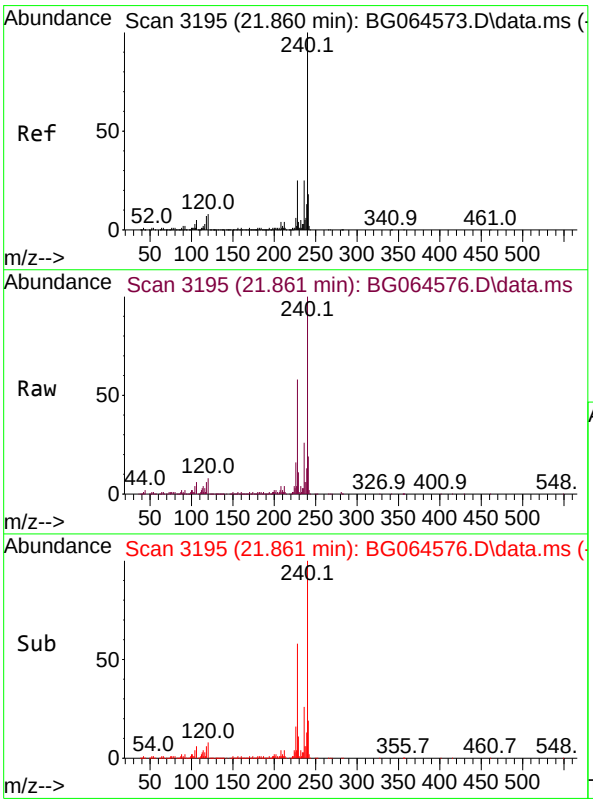
Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	28.7
203	17.3	0.0	37.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations
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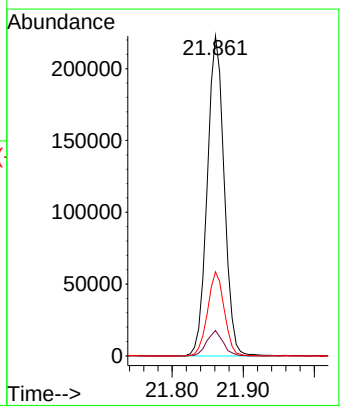
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

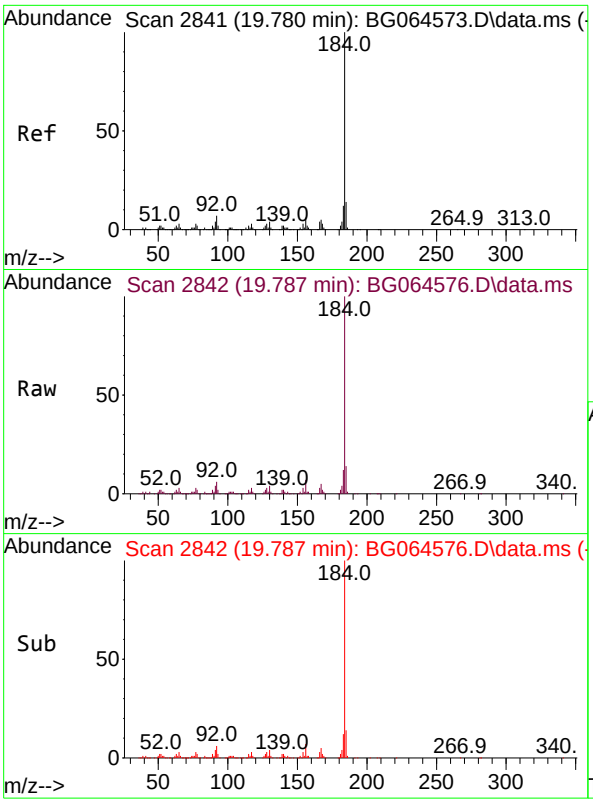


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.861 min Scan# 3195
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:240 Resp: 367592

Ion	Ratio	Lower	Upper
240	100		
120	7.9	6.5	9.7
236	26.3	20.2	30.2

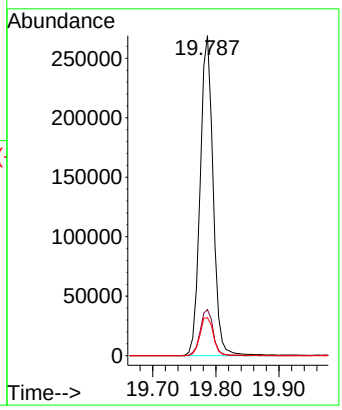




#77
Benzidine
Concen: 46.435 ng
RT: 19.787 min Scan# 28
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:184 Resp: 382418

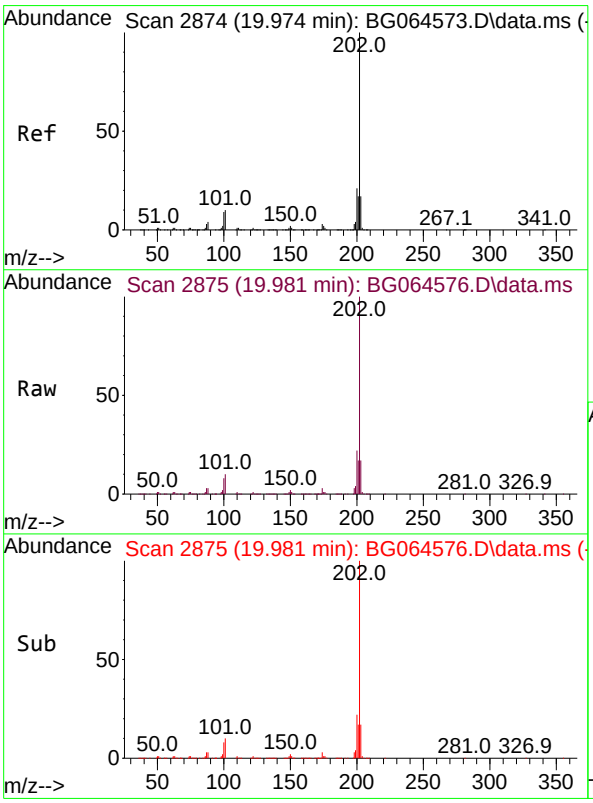
Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.4	17.2
183	11.8	9.4	14.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

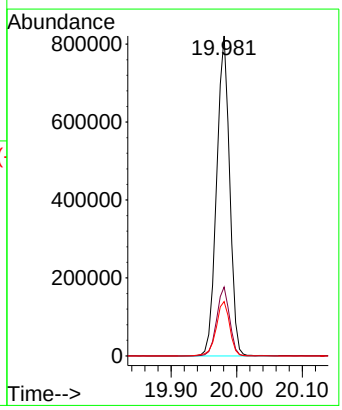
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

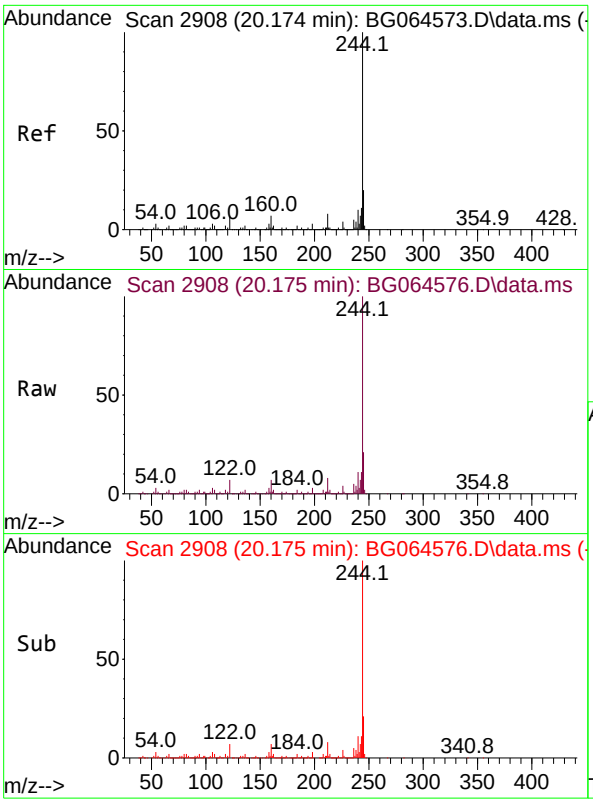


#78
Pyrene
Concen: 47.190 ng
RT: 19.981 min Scan# 2875
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:202 Resp: 1133345

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.0	25.4
203	17.0	13.8	20.6





#79
Terphenyl-d14
Concen: 93.162 ng
RT: 20.175 min Scan# 29
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

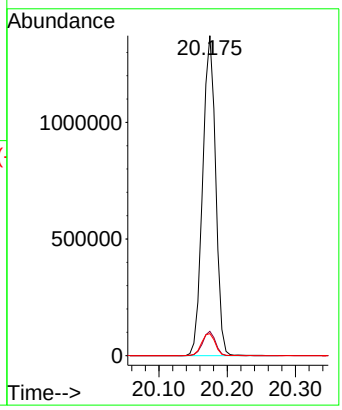
Instrument :
BNA_G
ClientSampleId :
SSTDICC050

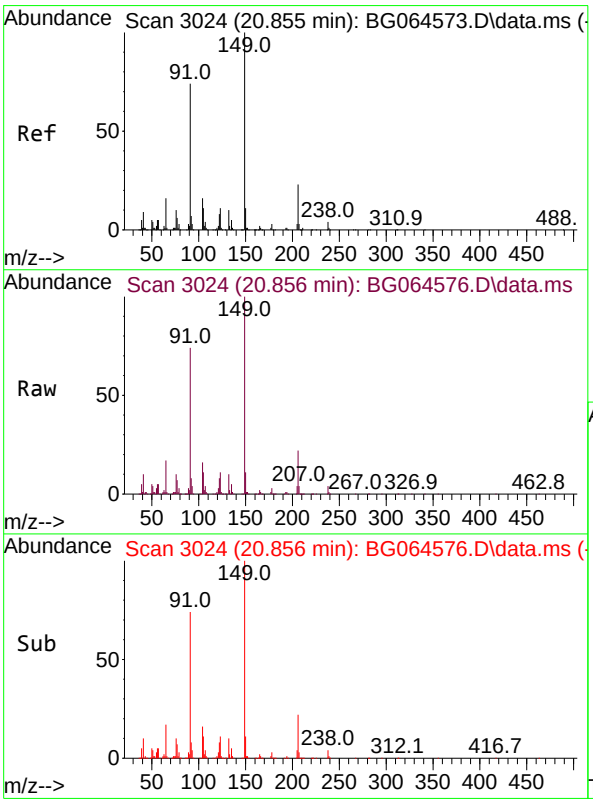
Tgt Ion:244 Resp: 181466

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	6.9	5.6	8.4

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

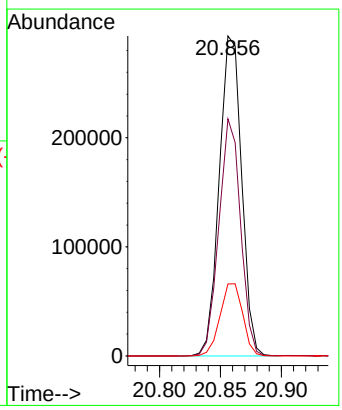


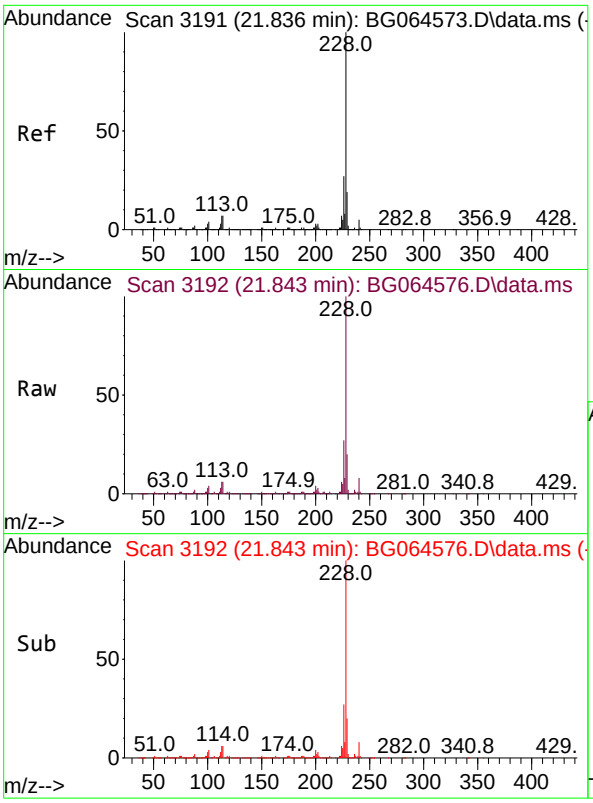


#80
Butylbenzylphthalate
Concen: 51.609 ng
RT: 20.856 min Scan# 3024
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:149 Resp: 374611

Ion	Ratio	Lower	Upper
149	100		
91	74.1	59.2	88.8
206	22.5	18.1	27.1

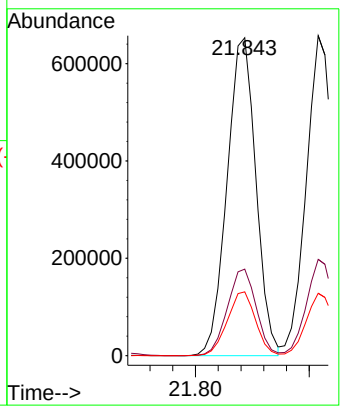




#81
Benzo(a)anthracene
Concen: 47.234 ng
RT: 21.843 min Scan# 3
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:228 Resp: 115124

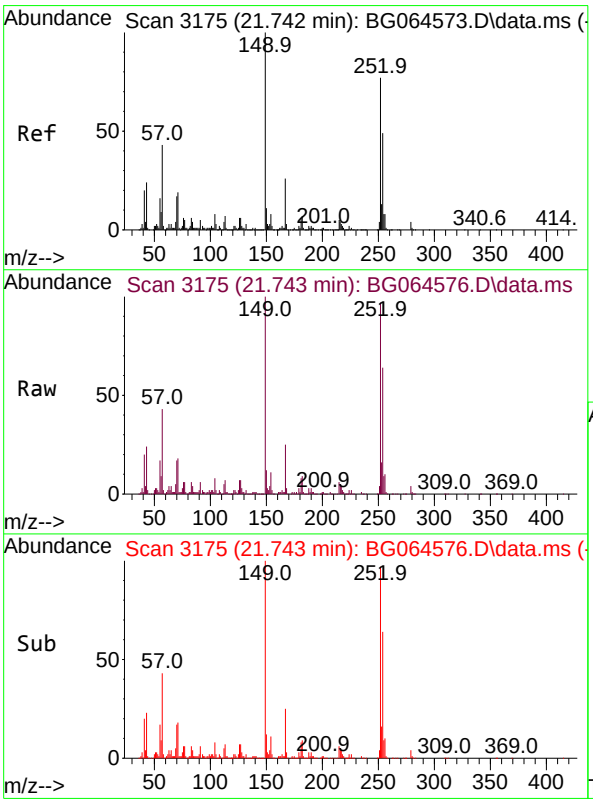
Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.9	32.9
229	20.1	15.6	23.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

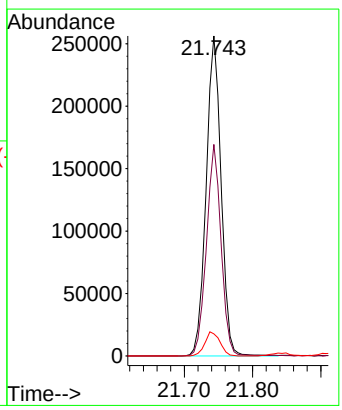
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

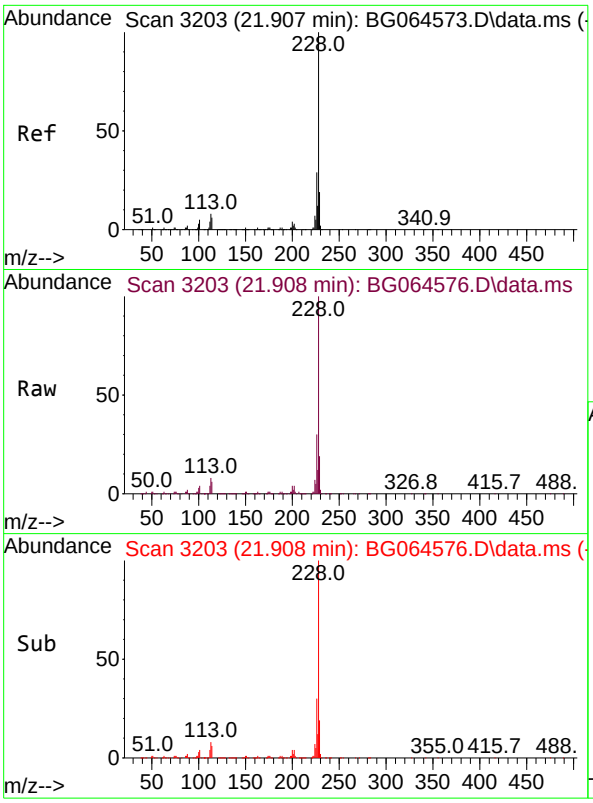


#82
3,3'-Dichlorobenzidine
Concen: 47.824 ng
RT: 21.743 min Scan# 3175
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:252 Resp: 389240

Ion	Ratio	Lower	Upper
252	100		
254	66.1	50.8	76.2
126	6.9	5.8	8.6

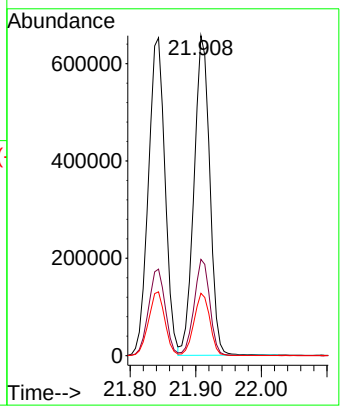




#83
Chrysene
Concen: 47.062 ng
RT: 21.908 min Scan# 3
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:228 Resp: 109145

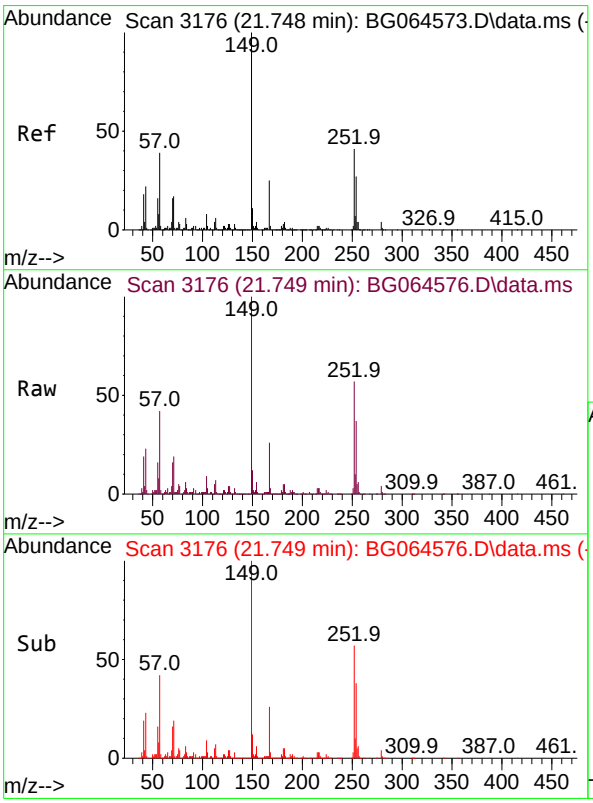
Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.3	34.9
229	19.5	15.2	22.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations
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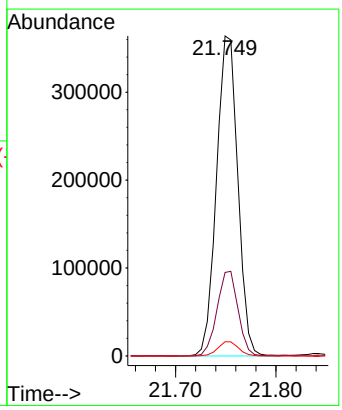
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

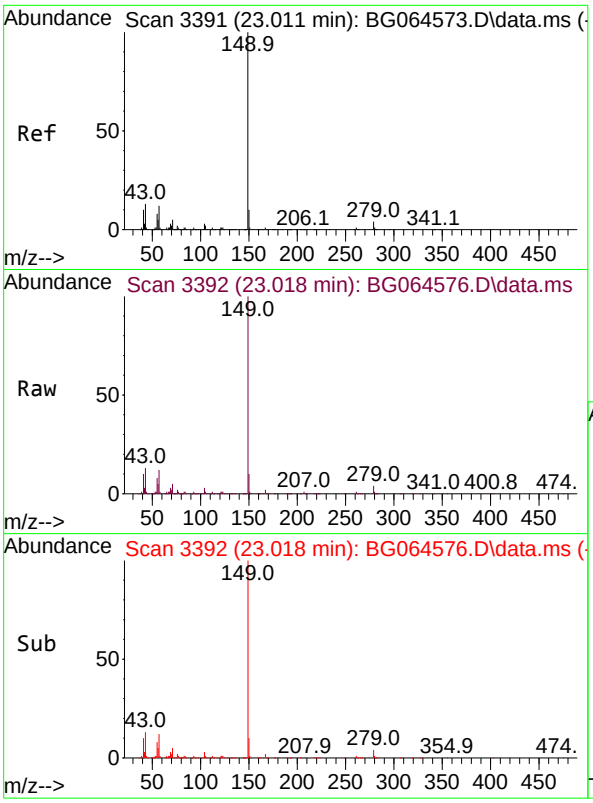


#84
Bis(2-ethylhexyl)phthalate
Concen: 49.576 ng
RT: 21.749 min Scan# 3176
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:149 Resp: 537716

Ion	Ratio	Lower	Upper
149	100		
167	26.1	20.0	30.0
279	4.4	3.1	4.7





#85
Di-n-octyl phthalate
Concen: 49.039 ng
RT: 23.018 min Scan# 3
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

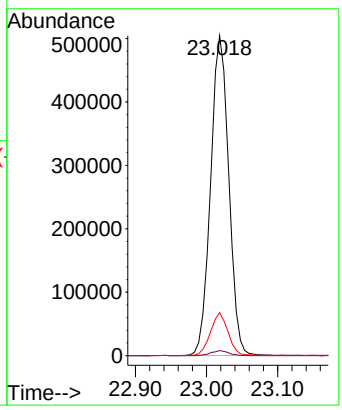
Tgt Ion:149 Resp: 89676

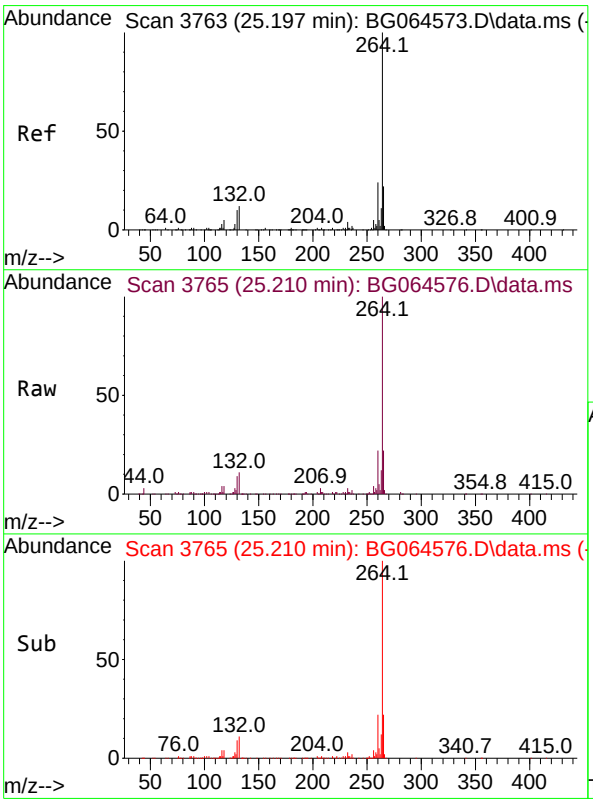
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	13.1	10.8	16.2

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations
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Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

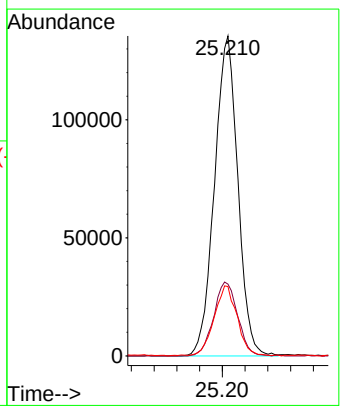


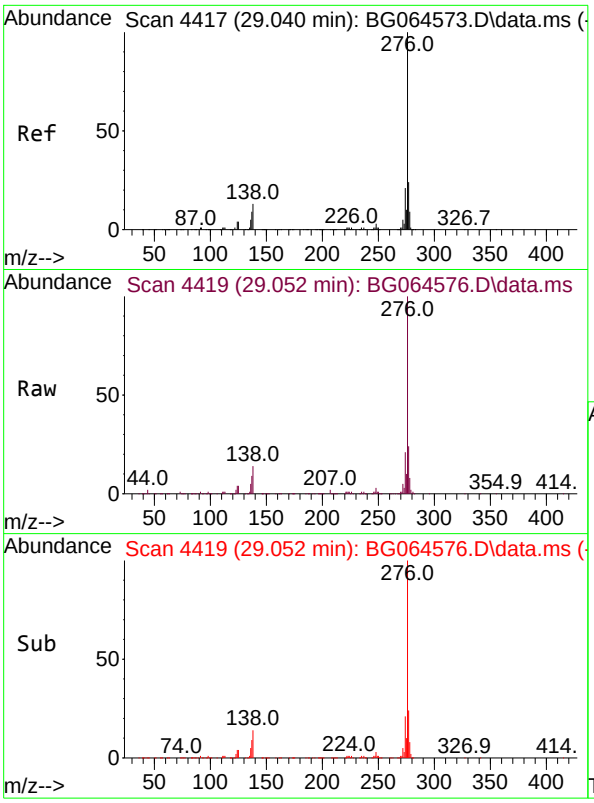


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.210 min Scan# 3765
Delta R.T. 0.013 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:264 Resp: 385865

Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.0	28.4
265	21.7	17.6	26.4

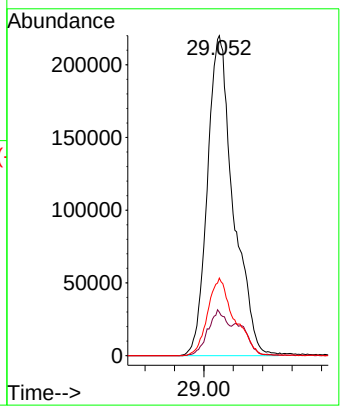




#87
Indeno(1,2,3-cd)pyrene
Concen: 47.425 ng
RT: 29.052 min Scan# 44
Delta R.T. 0.013 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:276 Resp: 134618

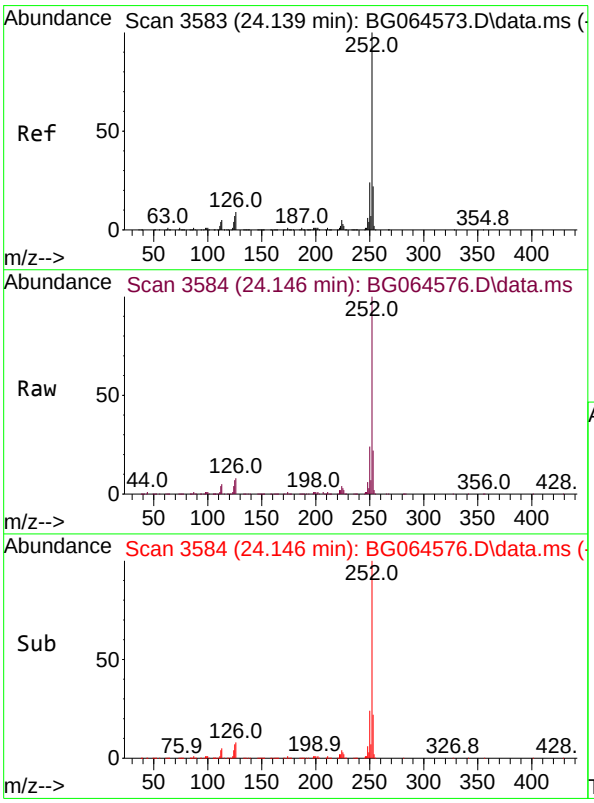
Ion	Ratio	Lower	Upper
276	100		
138	10.9	10.8	16.2
277	24.8	20.1	30.1



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

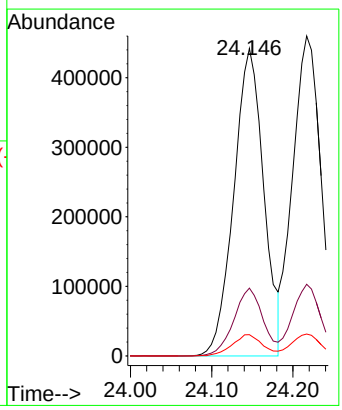
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

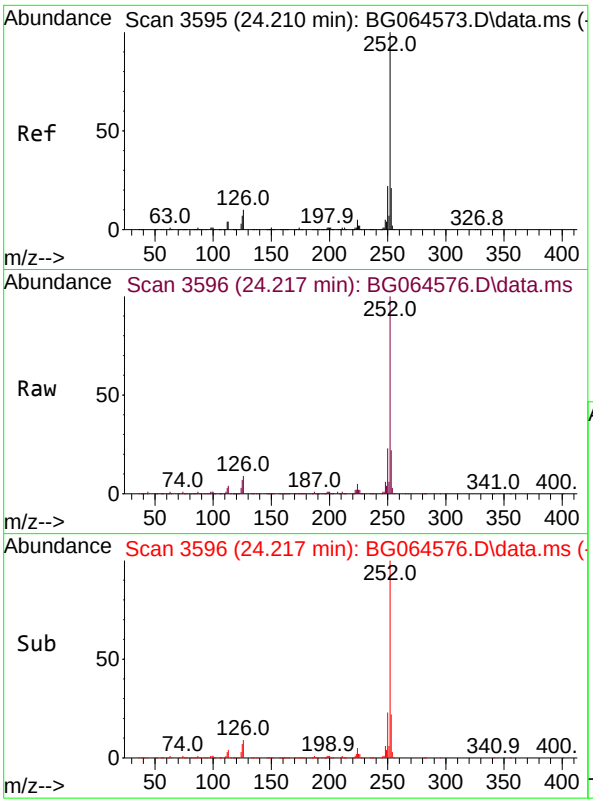


#88
Benzo(b)fluoranthene
Concen: 47.810 ng
RT: 24.146 min Scan# 3584
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:252 Resp: 1131250

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	6.9	5.6	8.4

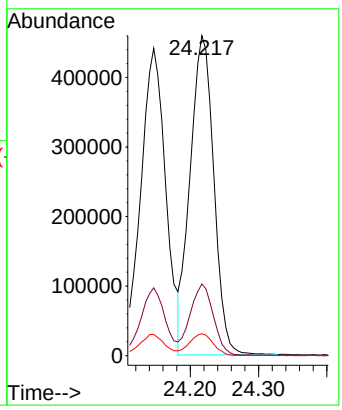




#89
Benzo(k)fluoranthene
Concen: 46.901 ng
RT: 24.217 min Scan# 3
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:252 Resp: 111049

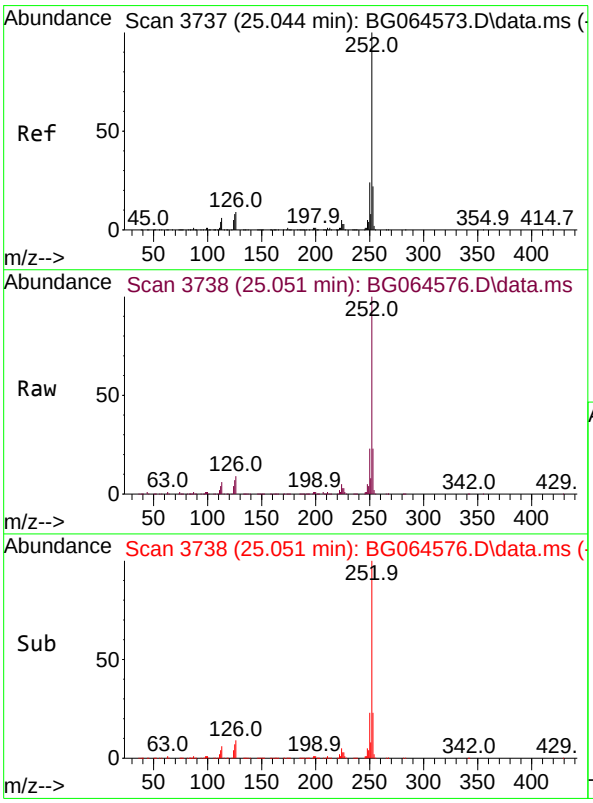
Ion	Ratio	Lower	Upper
252	100		
253	22.4	16.8	25.2
125	6.8	5.4	8.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

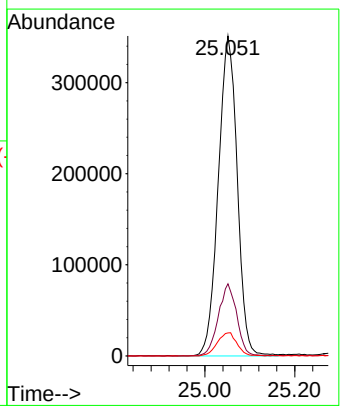
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

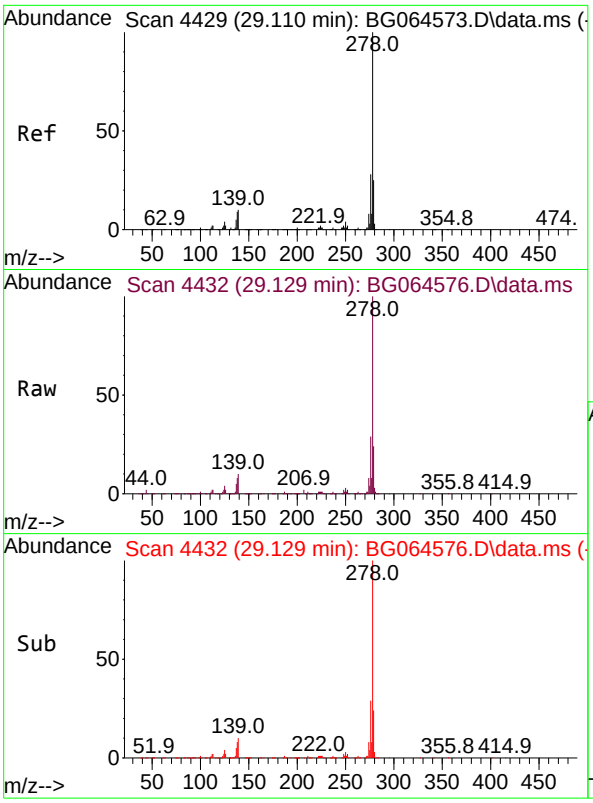


#90
Benzo(a)pyrene
Concen: 47.339 ng
RT: 25.051 min Scan# 3738
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:252 Resp: 1029605

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	7.2	6.1	9.1

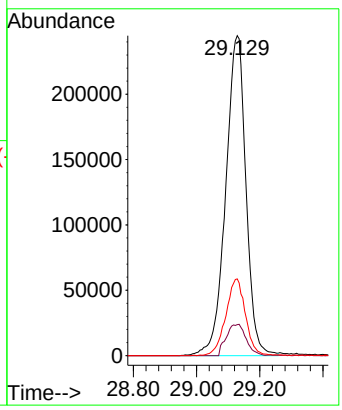




#91
Dibenzo(a,h)anthracene
Concen: 47.283 ng
RT: 29.129 min Scan# 44
Delta R.T. 0.019 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:278 Resp: 109040

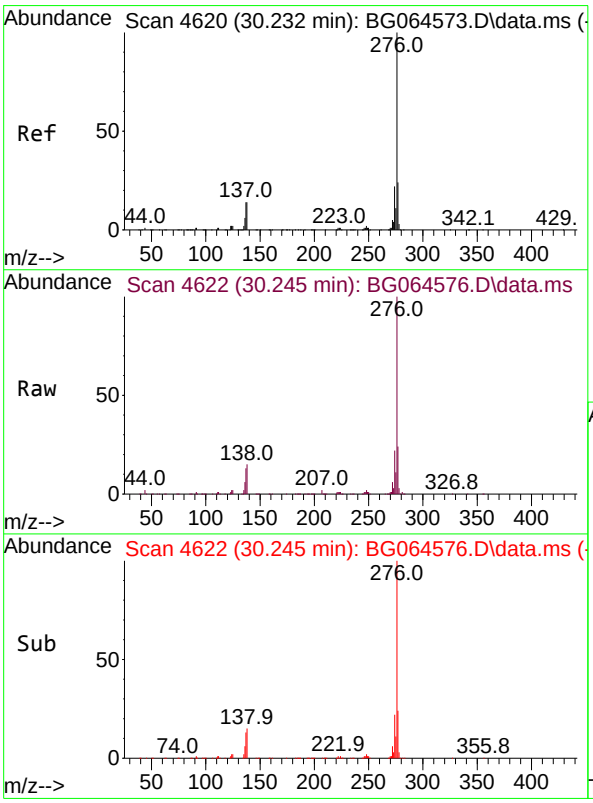
Ion	Ratio	Lower	Upper
278	100		
139	9.7	8.0	12.0
279	24.0	19.8	29.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations
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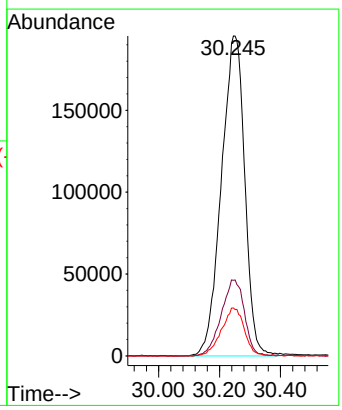
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#92
Benzo(g,h,i)perylene
Concen: 47.184 ng
RT: 30.245 min Scan# 4622
Delta R.T. 0.013 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:276 Resp: 1039447

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.1	28.7
138	15.0	11.3	16.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064577.D
Acq On : 24 Oct 2025 16:47
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Quant Time: Nov 04 00:39:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.222	152	37186	20.000	ng	0.00
21) Naphthalene-d8	11.048	136	157125	20.000	ng	0.00
39) Acenaphthene-d10	14.844	164	124202	20.000	ng	0.00
64) Phenanthrene-d10	17.582	188	290051	20.000	ng	0.00
76) Chrysene-d12	21.859	240	293608	20.000	ng	0.00
86) Perylene-d12	25.202	264	306886	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.743	112	156266	70.535	ng	0.00
7) Phenol-d6	7.353	99	225294	74.109	ng	0.00
23) Nitrobenzene-d5	9.386	82	200749	76.738	ng	0.00
42) 2,4,6-Tribromophenol	16.319	330	134578	75.074	ng	0.00
45) 2-Fluorobiphenyl	13.475	172	594887	72.599	ng	0.00
79) Terphenyl-d14	20.173	244	1151597	74.019	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.586	88	33172	33.820	ng	97
3) Pyridine	3.998	79	98123	33.313	ng	95
4) n-Nitrosodimethylamine	3.898	42	56903	36.025	ng	98
6) Aniline	7.529	93	157683	38.118	ng	99
8) 2-Chlorophenol	7.776	128	85755	36.981	ng	96
9) Benzaldehyde	7.341	77	84516	50.923	ng	95
10) Phenol	7.376	94	122412	36.410	ng	98
11) bis(2-Chloroethyl)ether	7.623	93	86447	34.973	ng	99
12) 1,3-Dichlorobenzene	8.111	146	96308	36.085	ng	94
13) 1,4-Dichlorobenzene	8.257	146	102132	37.634	ng	96
14) 1,2-Dichlorobenzene	8.581	146	96651	36.924	ng	97
15) Benzyl Alcohol	8.445	79	95250	37.995	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.745	45	234476	36.163	ng	98
17) 2-Methylphenol	8.651	107	85863	38.466	ng	93
18) Hexachloroethane	9.327	117	34040	35.743	ng	96
19) n-Nitroso-di-n-propyla...	9.027	70	83140	39.572	ng	96
20) 3+4-Methylphenols	8.974	107	118917	37.882	ng	96
22) Acetophenone	9.045	105	162385	37.806	ng	97
24) Nitrobenzene	9.427	77	111836	39.305	ng	97
25) Isophorone	9.955	82	236860	37.733	ng	99
26) 2-Nitrophenol	10.143	139	38013	35.498	ng	97
27) 2,4-Dimethylphenol	10.196	122	94545	40.491	ng	99
28) bis(2-Chloroethoxy)met...	10.437	93	132072	36.953	ng	99
29) 2,4-Dichlorophenol	10.684	162	95966	38.190	ng	97
30) 1,2,4-Trichlorobenzene	10.907	180	108339	37.945	ng	97
31) Naphthalene	11.101	128	311084	35.709	ng	100
32) Benzoic acid	10.296	122	48162	29.620	ng	96
33) 4-Chloroaniline	11.189	127	139799	41.287	ng	99
34) Hexachlorobutadiene	11.389	225	78691	35.242	ng	97
35) Caprolactam	11.941	113	35011	36.326	ng	93
36) 4-Chloro-3-methylphenol	12.294	107	114927	38.049	ng	98
37) 2-Methylnaphthalene	12.693	142	213545	33.388	ng	98
38) 1-Methylnaphthalene	12.911	142	224857	35.513	ng	100
40) 1,2,4,5-Tetrachloroben...	13.052	216	154838	37.146	ng	99
41) Hexachlorocyclopentadiene	13.040	237	95065	50.669	ng	98
43) 2,4,6-Trichlorophenol	13.281	196	92335	38.726	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064577.D
Acq On : 24 Oct 2025 16:47
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Quant Time: Nov 04 00:39:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

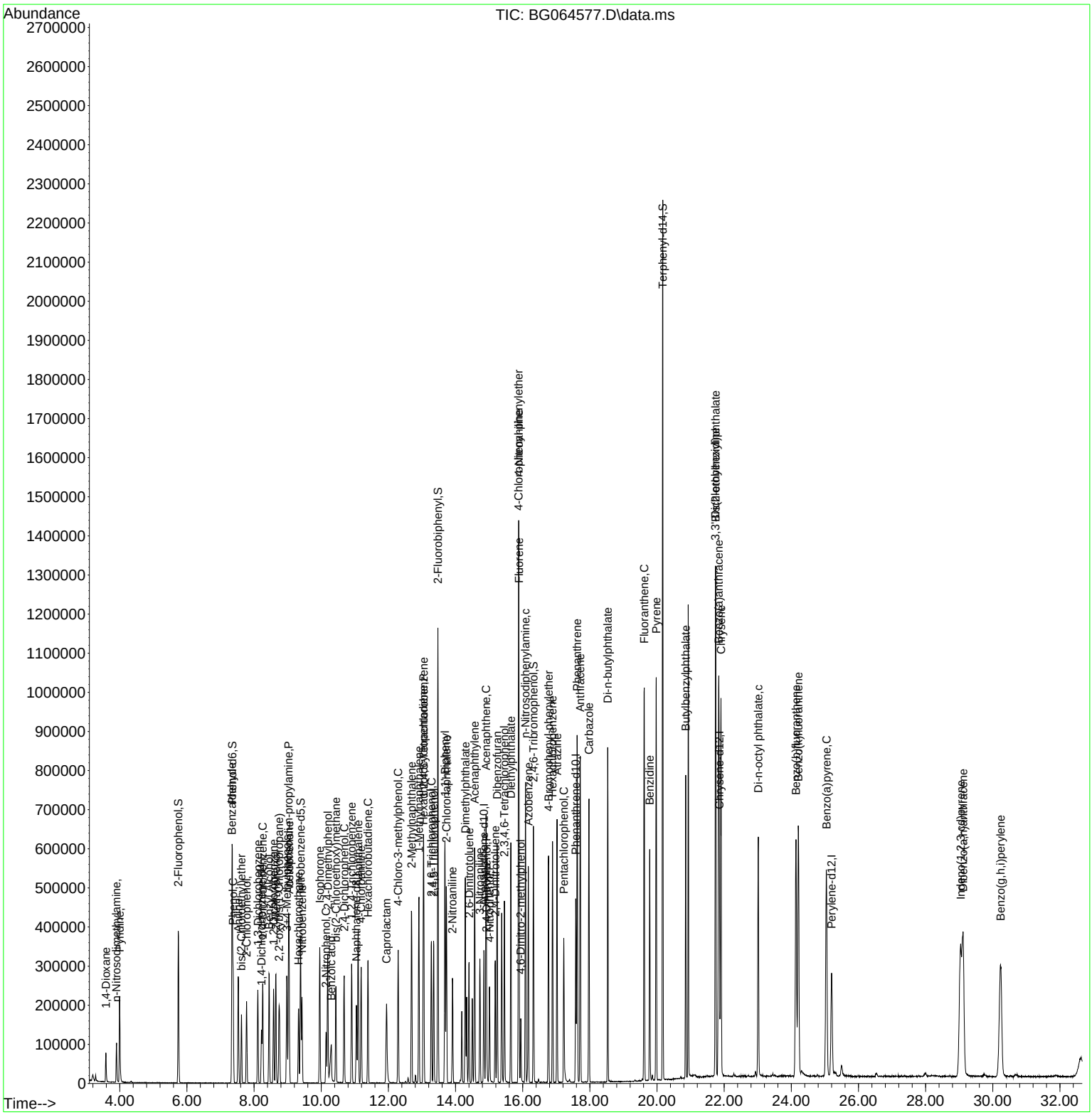
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.346	196	102433	37.228	ng		99
46) 1,1'-Biphenyl	13.686	154	329629	37.331	ng		99
47) 2-Chloronaphthalene	13.727	162	241311	36.205	ng		97
48) 2-Nitroaniline	13.910	65	78927	36.129	ng		96
49) Acenaphthylene	14.568	152	435836	41.457	ng		98
50) Dimethylphthalate	14.292	163	350600	36.890	ng		100
51) 2,6-Dinitrotoluene	14.403	165	61784	39.971	ng		100
52) Acenaphthene	14.908	154	253833	35.340	ng		98
53) 3-Nitroaniline	14.726	138	68729	42.080	ng		99
54) 2,4-Dinitrophenol	14.926	184	29394	33.991	ng	#	56
55) Dibenzofuran	15.237	168	419154	36.096	ng		97
56) 4-Nitrophenol	15.014	139	51210	33.818	ng		92
57) 2,4-Dinitrotoluene	15.185	165	85201	35.957	ng		96
58) Fluorene	15.890	166	328636	36.238	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.455	232	106626	40.525	ng		97
60) Diethylphthalate	15.649	149	348964	35.961	ng		99
61) 4-Chlorophenyl-phenyle...	15.878	204	182714	35.902	ng		99
62) 4-Nitroaniline	15.884	138	68807	37.867	ng		97
63) Azobenzene	16.172	77	323432	36.325	ng		97
65) 4,6-Dinitro-2-methylph...	15.943	198	42391	34.885	ng		94
66) n-Nitrosodiphenylamine	16.084	169	300274	38.325	ng		98
67) 4-Bromophenyl-phenylether	16.771	248	130765	38.044	ng		97
68) Hexachlorobenzene	16.888	284	144974	36.971	ng		96
69) Atrazine	17.024	200	130007	38.558	ng		96
70) Pentachlorophenol	17.223	266	85166	34.829	ng		90
71) Phenanthrene	17.623	178	569825	35.925	ng		99
72) Anthracene	17.717	178	584246	36.210	ng		99
73) Carbazole	17.975	167	498849	35.061	ng		99
74) Di-n-butylphthalate	18.534	149	570718	34.688	ng		99
75) Fluoranthene	19.621	202	676996	34.070	ng		99
77) Benzidine	19.785	184	356547	54.203	ng		99
78) Pyrene	19.979	202	693068	36.130	ng		99
80) Butylbenzylphthalate	20.854	149	224386	38.702	ng		98
81) Benzo(a)anthracene	21.836	228	706428	36.287	ng		99
82) 3,3'-Dichlorobenzidine	21.742	252	265324	40.813	ng		96
83) Chrysene	21.906	228	658217	35.533	ng		98
84) Bis(2-ethylhexyl)phtha...	21.747	149	324614	37.470	ng		96
85) Di-n-octyl phthalate	23.017	149	527097	36.087	ng		99
87) Indeno(1,2,3-cd)pyrene	29.045	276	820974	36.366	ng		99
88) Benzo(b)fluoranthene	24.139	252	681881	36.235	ng		99
89) Benzo(k)fluoranthene	24.209	252	701500	37.252	ng		99
90) Benzo(a)pyrene	25.049	252	652126	37.700	ng		98
91) Dibenzo(a,h)anthracene	29.121	278	674510	36.776	ng		96
92) Benzo(g,h,i)perylene	30.232	276	653564	37.302	ng		98

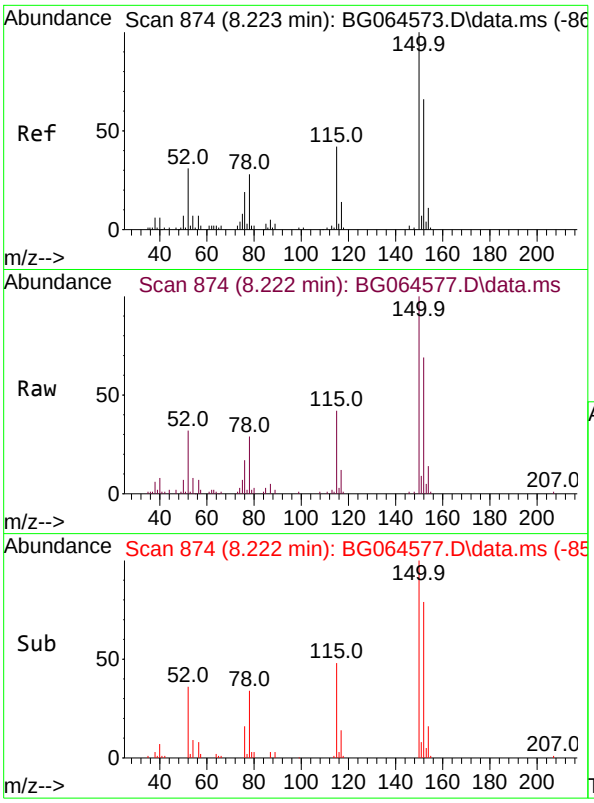
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064577.D
Acq On : 24 Oct 2025 16:47
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Quant Time: Nov 04 00:39:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration



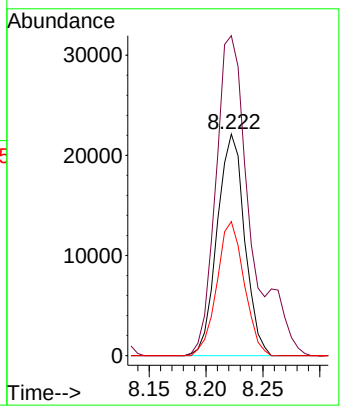


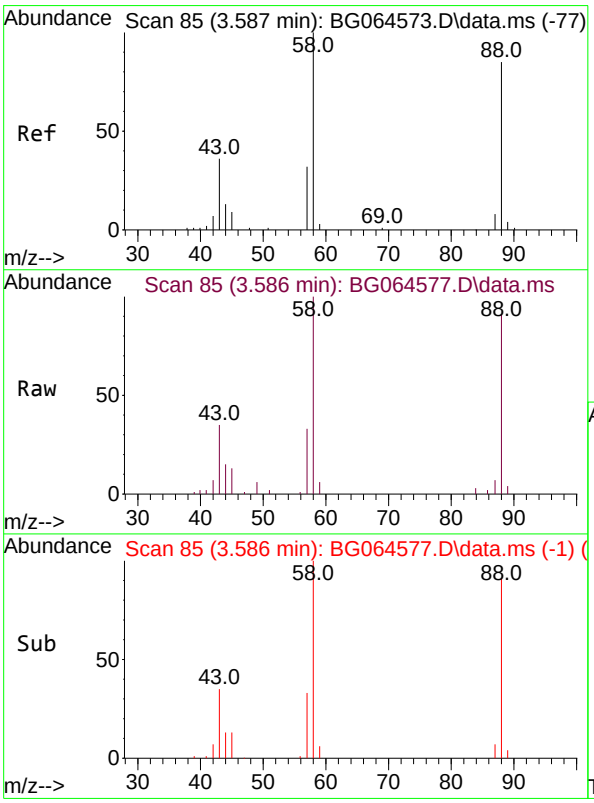
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.222 min Scan# 8
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Tgt Ion:152 Resp: 37186

Ion	Ratio	Lower	Upper
152	100		
150	144.5	122.2	183.4
115	60.5	50.8	76.2

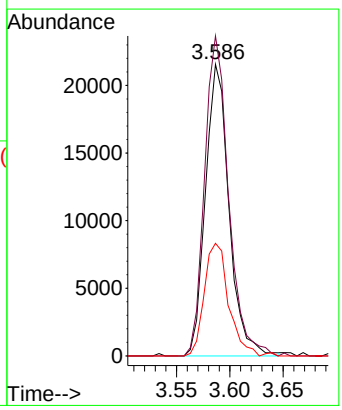


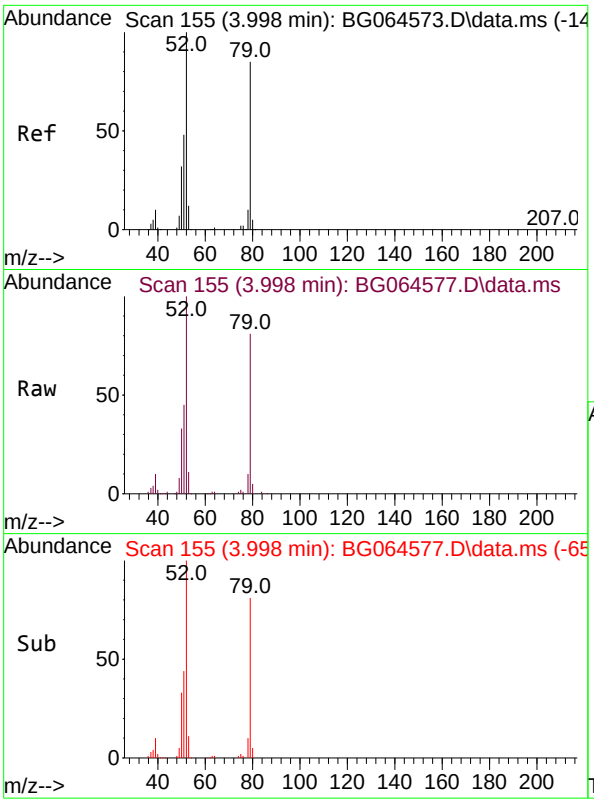


#2
1,4-Dioxane
Concen: 33.820 ng
RT: 3.586 min Scan# 85
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion: 88 Resp: 33172

Ion	Ratio	Lower	Upper
88	100		
58	111.8	92.4	138.6
43	40.1	33.0	49.6



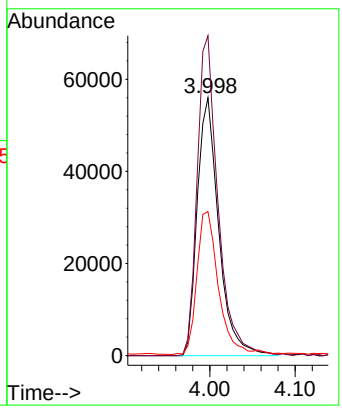


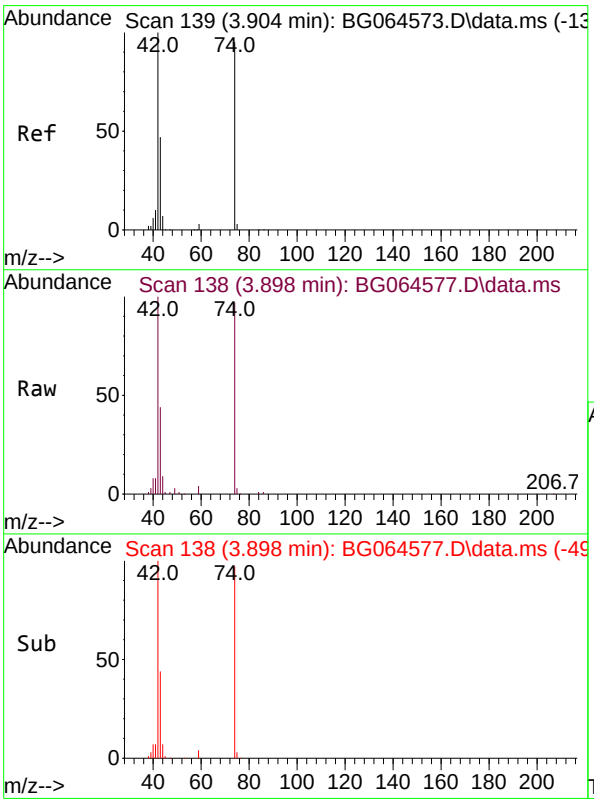
#3
Pyridine
Concen: 33.313 ng
RT: 3.998 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Tgt Ion: 79 Resp: 98123

Ion	Ratio	Lower	Upper
79	100		
52	124.1	94.2	141.2
51	55.8	46.1	69.1

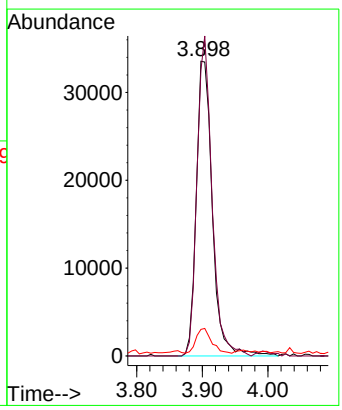


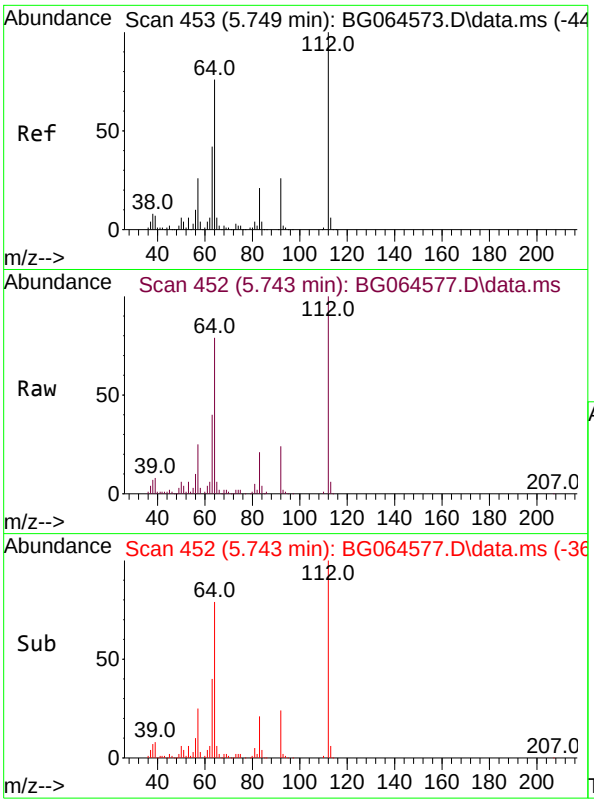


#4
n-Nitrosodimethylamine
Concen: 36.025 ng
RT: 3.898 min Scan# 138
Delta R.T. -0.007 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion: 42 Resp: 56903

Ion	Ratio	Lower	Upper
42	100		
74	97.0	76.1	114.1
44	9.0	6.3	9.5



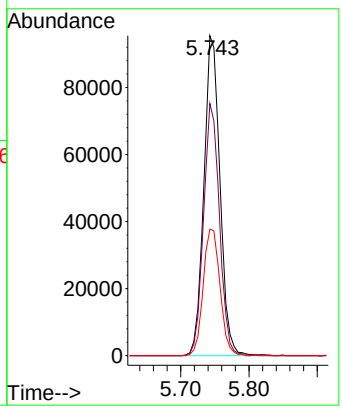


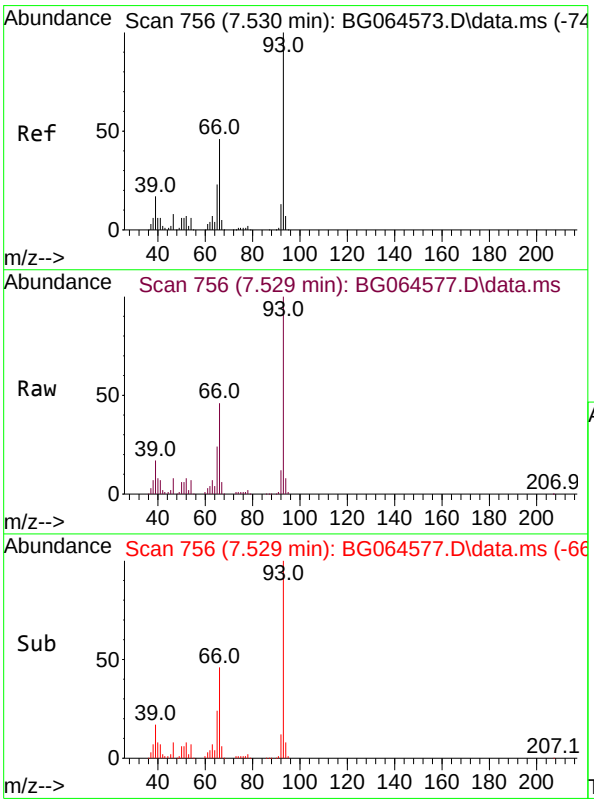
#5
2-Fluorophenol
Concen: 70.535 ng
RT: 5.743 min Scan# 4
Delta R.T. -0.007 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Tgt Ion:112 Resp: 156266

Ion	Ratio	Lower	Upper
112	100		
64	78.8	60.7	91.1
63	39.5	33.4	50.0

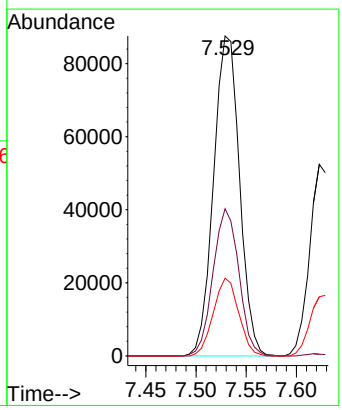


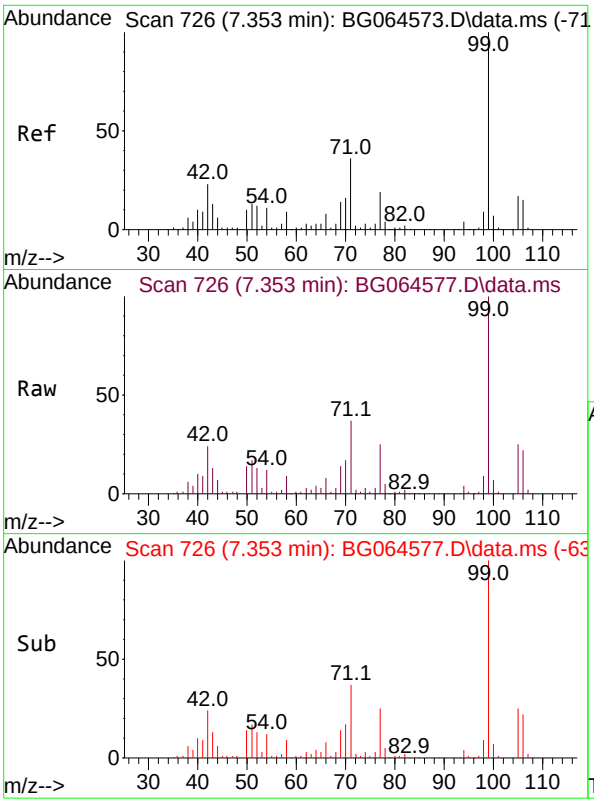


#6
Aniline
Concen: 38.118 ng
RT: 7.529 min Scan# 756
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion: 93 Resp: 157683

Ion	Ratio	Lower	Upper
93	100		
66	46.0	37.0	55.6
65	24.3	18.3	27.5



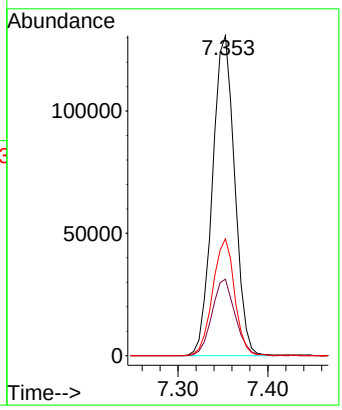


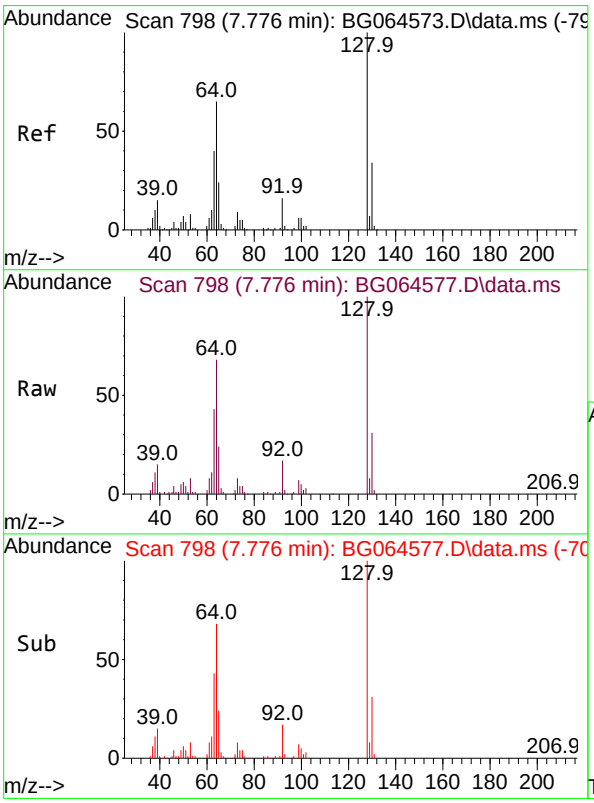
#7
Phenol-d6
Concen: 74.109 ng
RT: 7.353 min Scan# 7
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Tgt Ion: 99 Resp: 225294

Ion	Ratio	Lower	Upper
99	100		
42	23.9	18.3	27.5
71	36.5	28.6	43.0

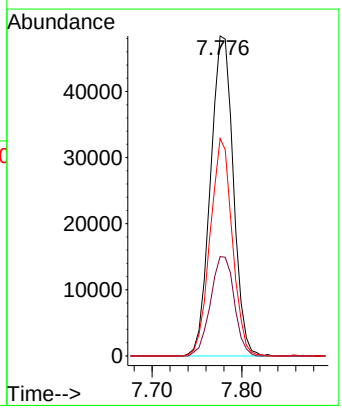


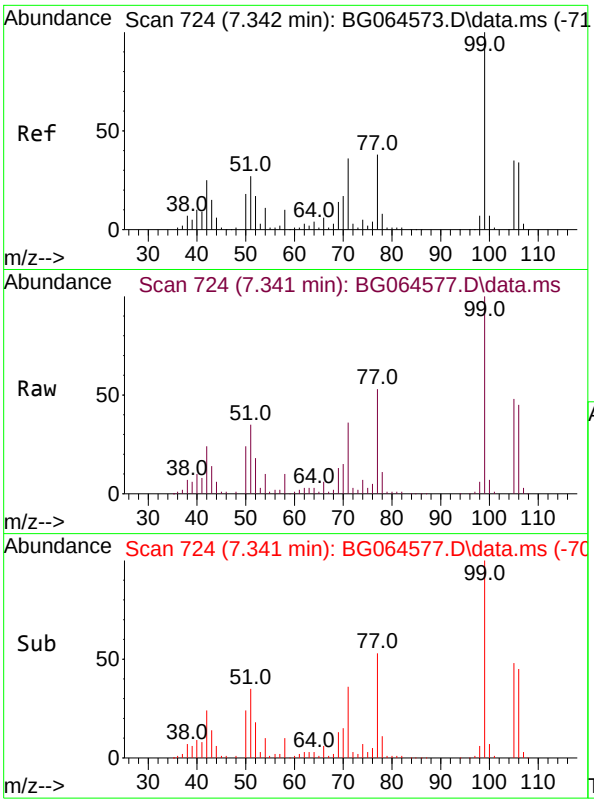


#8
2-Chlorophenol
Concen: 36.981 ng
RT: 7.776 min Scan# 798
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:128 Resp: 85755

Ion	Ratio	Lower	Upper
128	100		
130	31.0	13.5	53.5
64	67.9	45.2	85.2



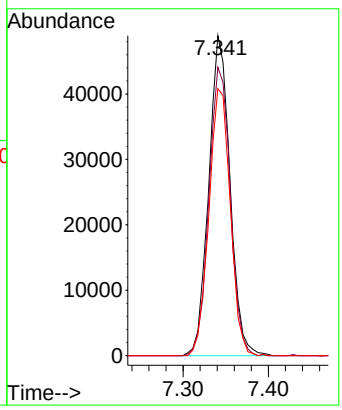


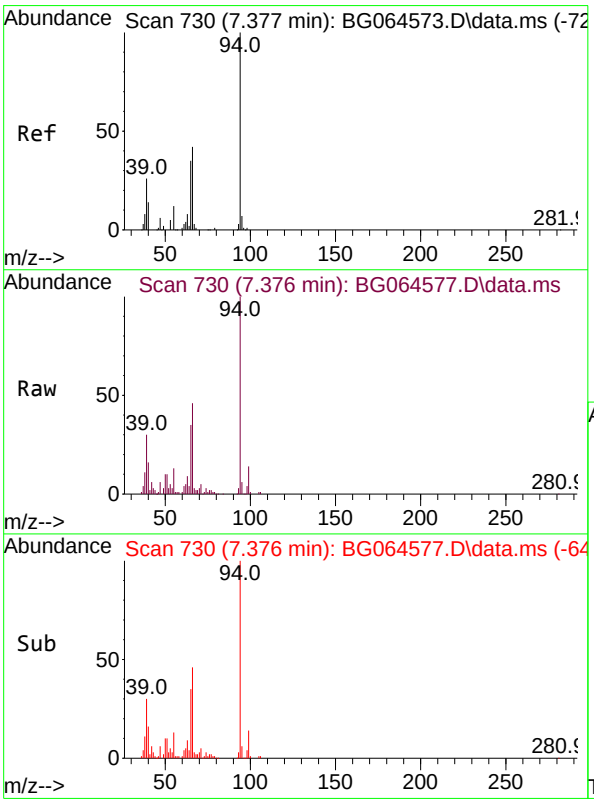
#9
Benzaldehyde
Concen: 50.923 ng
RT: 7.341 min Scan# 7
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Tgt Ion: 77 Resp: 84516

Ion	Ratio	Lower	Upper
77	100		
105	90.1	72.9	112.9
106	83.4	70.8	110.8

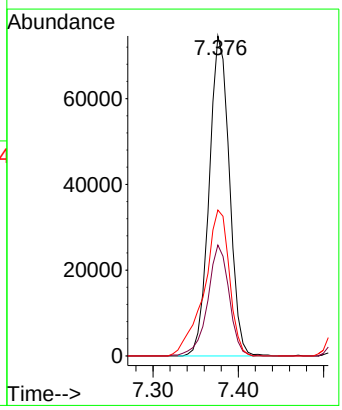


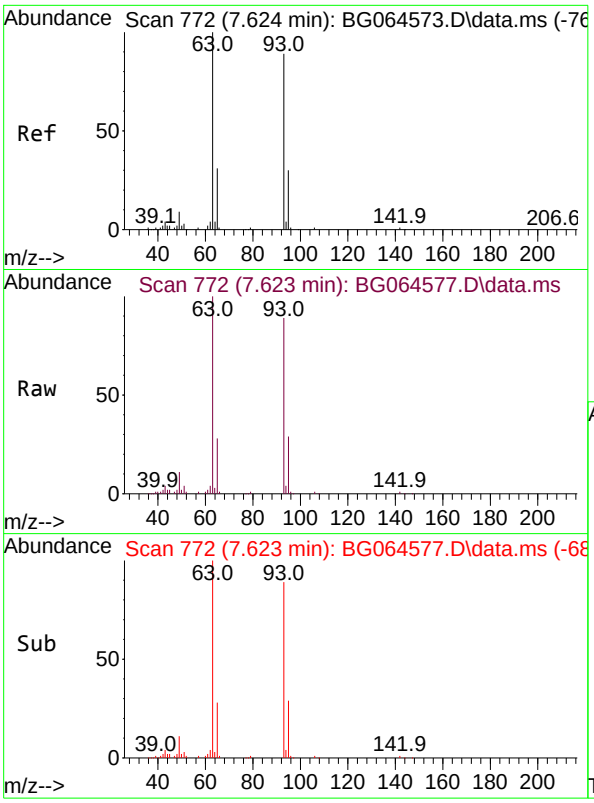


#10
Phenol
Concen: 36.410 ng
RT: 7.376 min Scan# 730
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion: 94 Resp: 122412

Ion	Ratio	Lower	Upper
94	100		
65	34.6	15.8	55.8
66	45.6	24.0	64.0



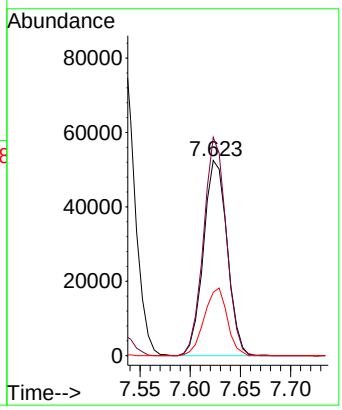


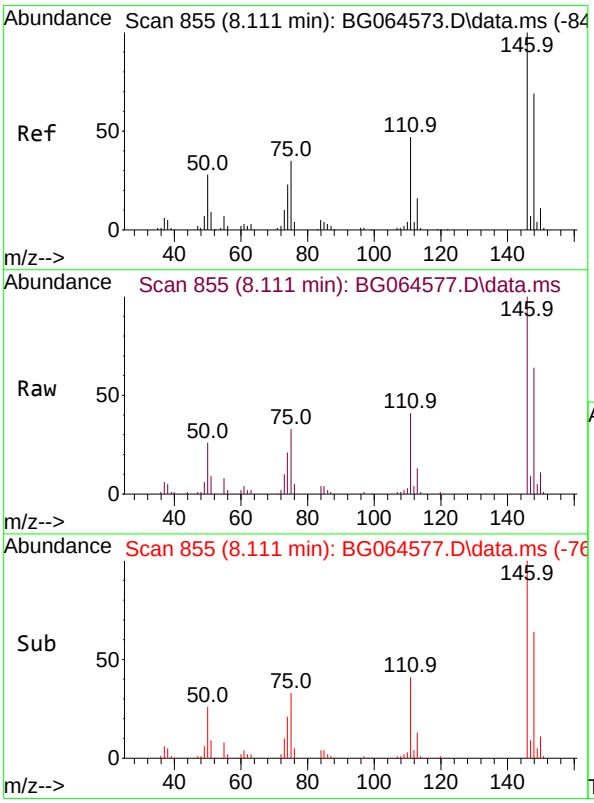
#11
bis(2-Chloroethyl)ether
Concen: 34.973 ng
RT: 7.623 min Scan# 7
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Tgt Ion: 93 Resp: 86447

Ion	Ratio	Lower	Upper
93	100		
63	111.9	91.3	131.3
95	32.5	13.3	53.3

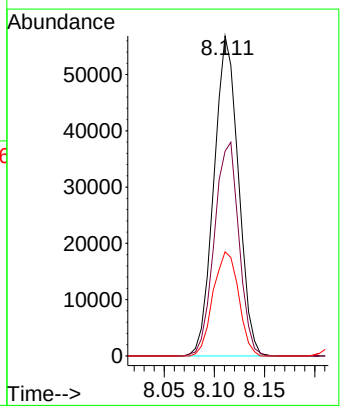


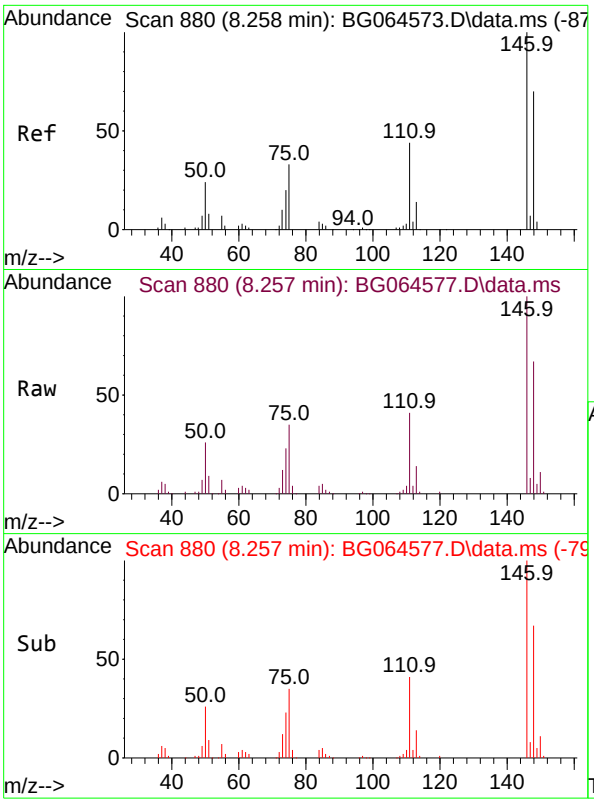


#12
1,3-Dichlorobenzene
Concen: 36.085 ng
RT: 8.111 min Scan# 855
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:146 Resp: 96308

Ion	Ratio	Lower	Upper
146	100		
148	63.9	55.3	82.9
75	32.5	28.2	42.2



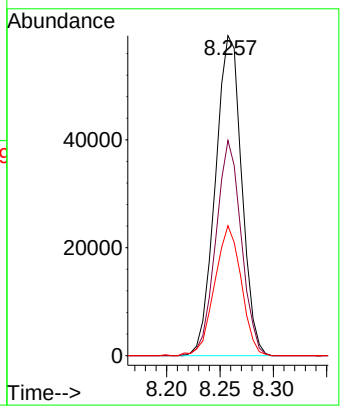


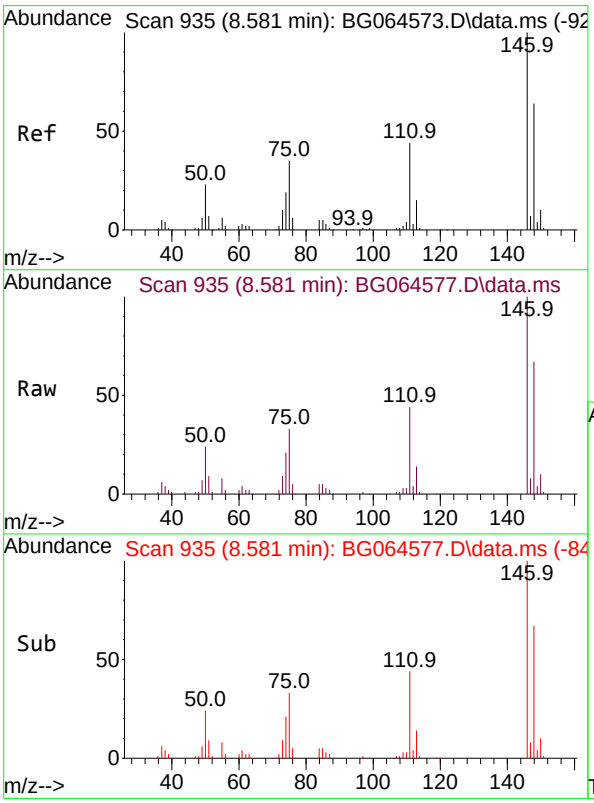
#13
1,4-Dichlorobenzene
Concen: 37.634 ng
RT: 8.257 min Scan# 88
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Tgt Ion:146 Resp: 102132

Ion	Ratio	Lower	Upper
146	100		
148	67.2	56.2	84.4
111	40.6	35.4	53.0

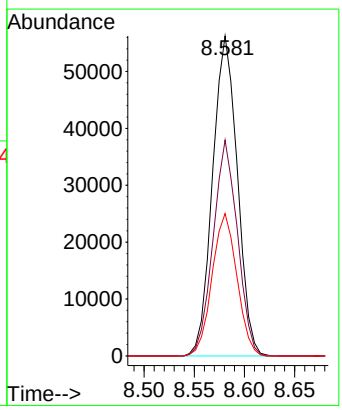


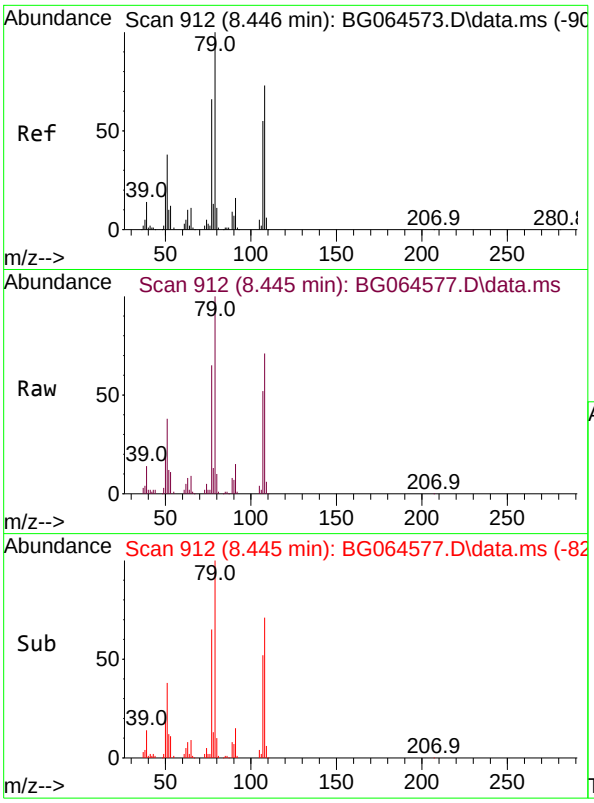


#14
1,2-Dichlorobenzene
Concen: 36.924 ng
RT: 8.581 min Scan# 935
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:146 Resp: 96651

Ion	Ratio	Lower	Upper
146	100		
148	67.4	51.5	77.3
111	44.5	35.0	52.6



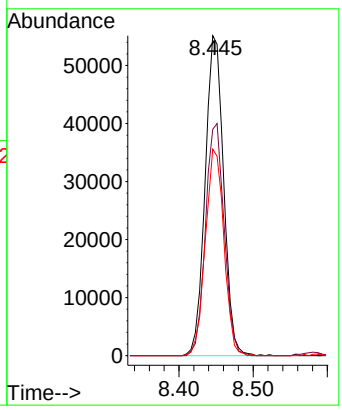


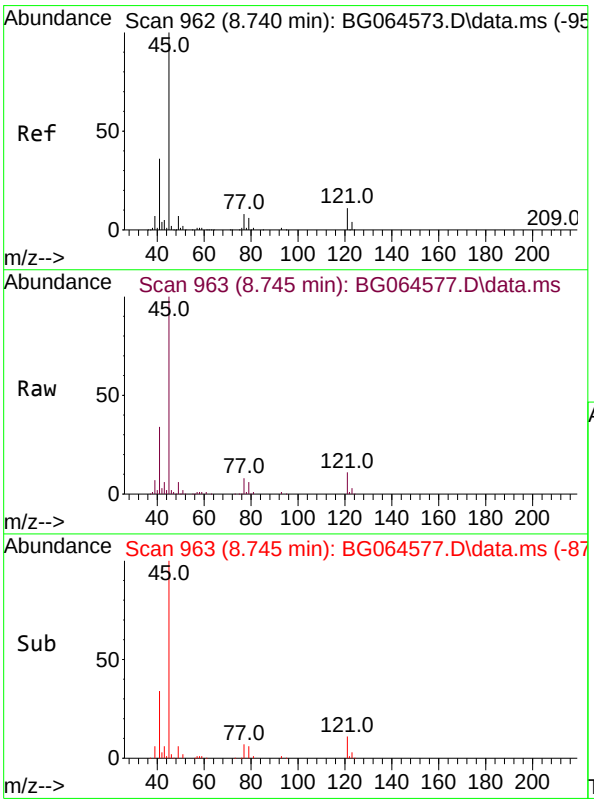
#15
Benzyl Alcohol
Concen: 37.995 ng
RT: 8.445 min Scan# 91
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Tgt Ion: 79 Resp: 95250

Ion	Ratio	Lower	Upper
79	100		
108	70.7	58.1	87.1
77	64.5	52.8	79.2

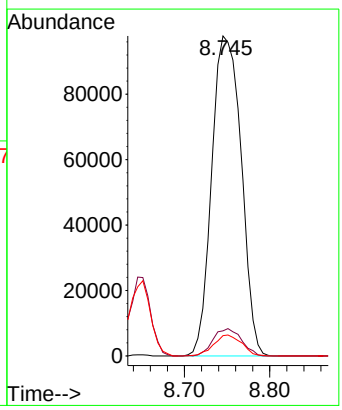


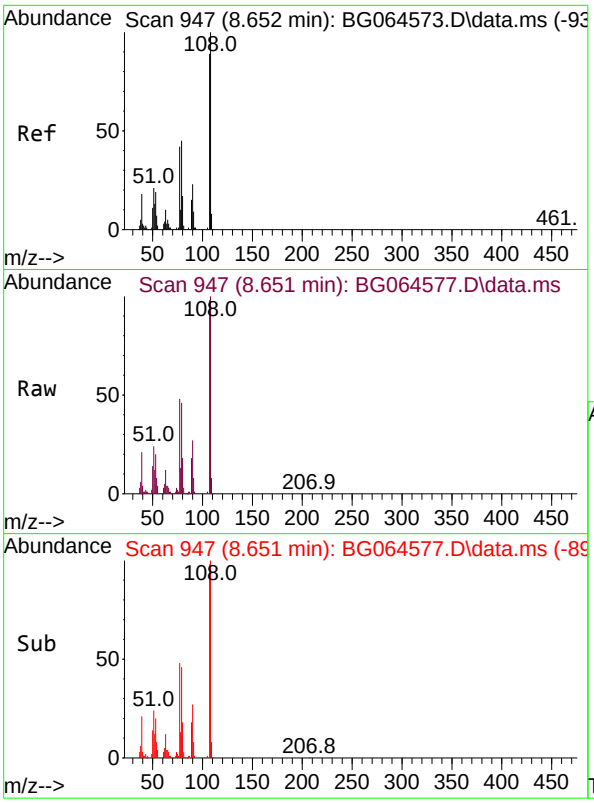


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.163 ng
RT: 8.745 min Scan# 963
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion: 45 Resp: 234476

Ion	Ratio	Lower	Upper
45	100		
77	7.8	0.0	28.5
79	6.3	0.0	25.6



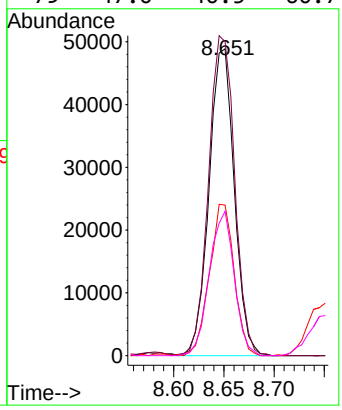


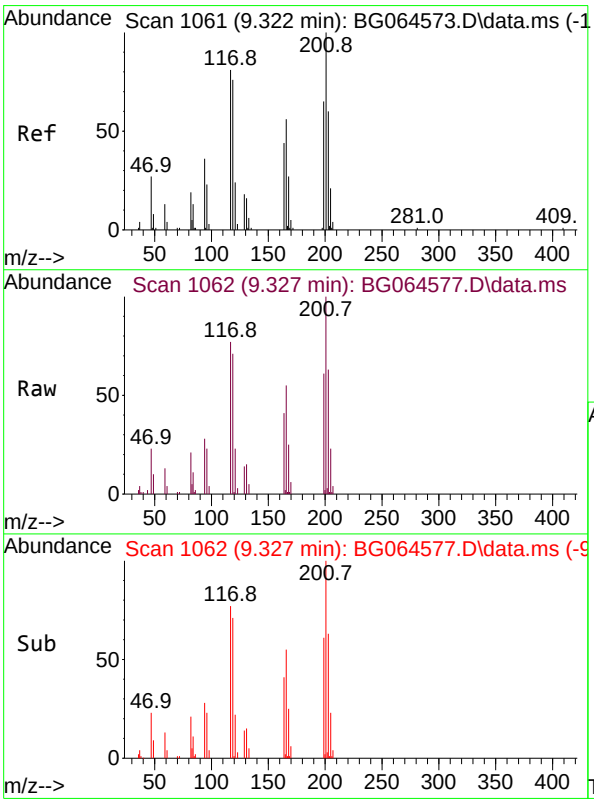
#17
2-Methylphenol
Concen: 38.466 ng
RT: 8.651 min Scan# 94
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Tgt Ion:107 Resp: 85863

Ion	Ratio	Lower	Upper
107	100		
108	102.3	90.0	135.0
77	49.0	37.8	56.8
79	47.0	40.5	60.7

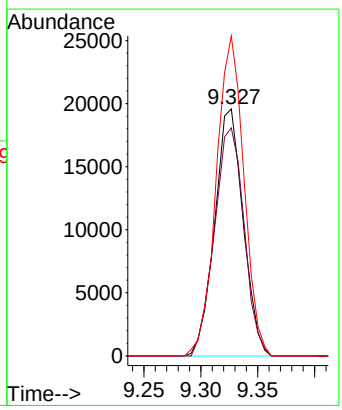


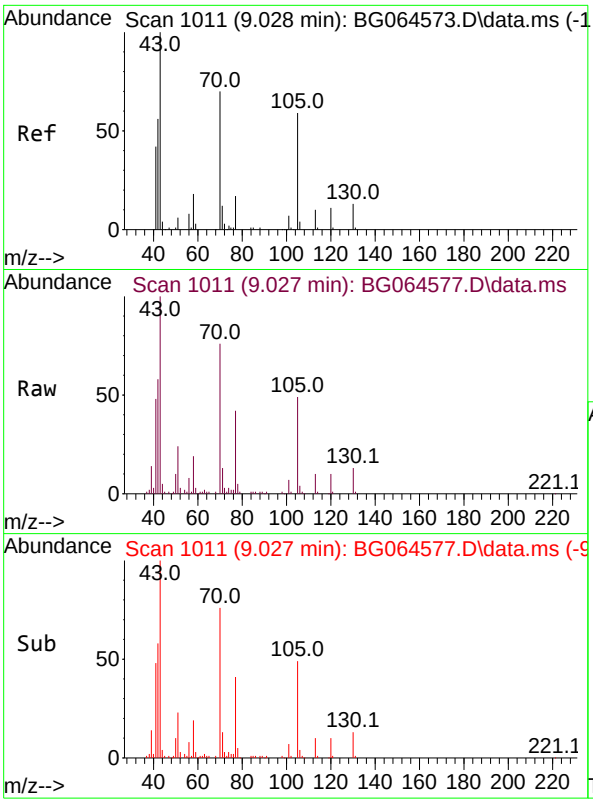


#18
Hexachloroethane
Concen: 35.743 ng
RT: 9.327 min Scan# 1062
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:117 Resp: 34040

Ion	Ratio	Lower	Upper
117	100		
119	92.3	75.4	113.2
201	129.6	99.2	148.8



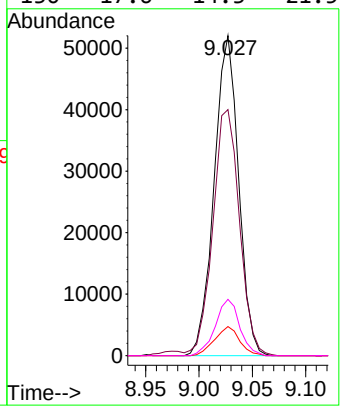


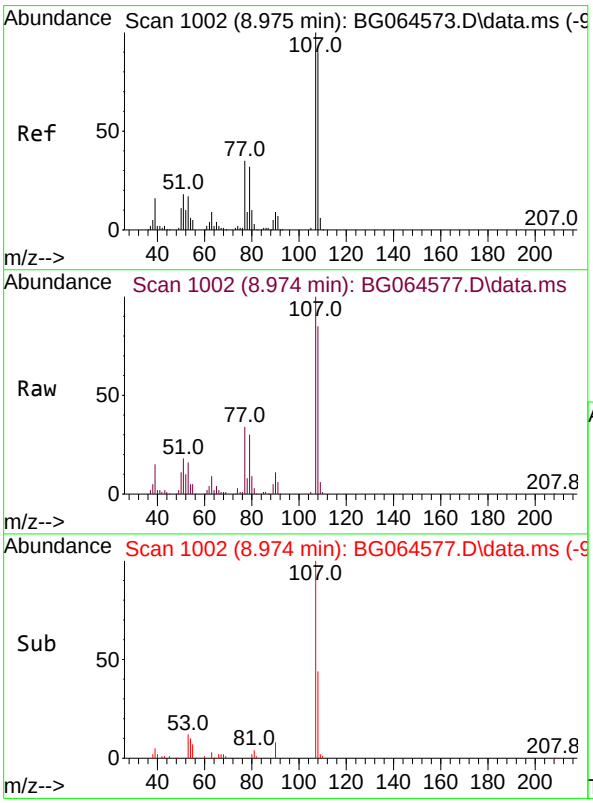
#19
n-Nitroso-di-n-propylamine
Concen: 39.572 ng
RT: 9.027 min Scan# 10
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Tgt Ion: 70 Resp: 83140

Ion	Ratio	Lower	Upper
70	100		
42	76.9	65.2	97.8
101	9.1	7.9	11.9
130	17.6	14.3	21.5

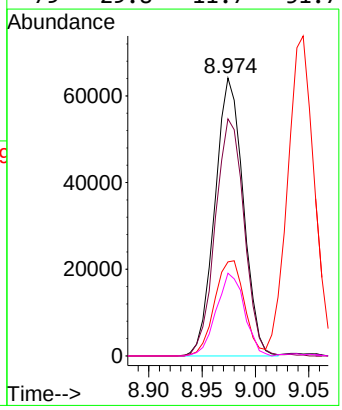


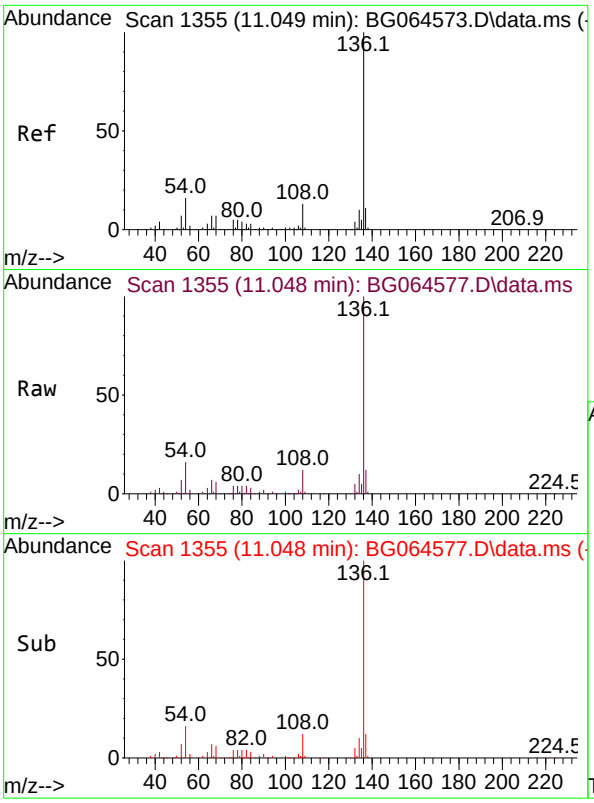


#20
3+4-Methylphenols
Concen: 37.882 ng
RT: 8.974 min Scan# 1002
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:107 Resp: 118917

Ion	Ratio	Lower	Upper
107	100		
108	85.3	70.3	110.3
77	33.8	14.6	54.6
79	29.8	11.7	51.7



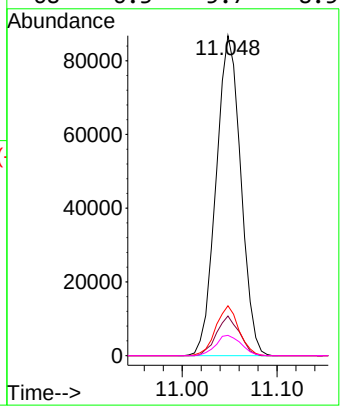


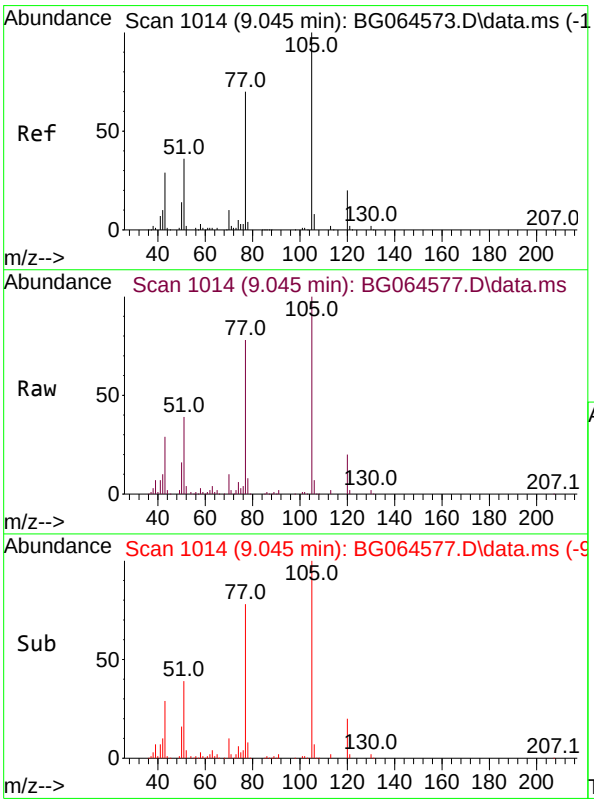
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.048 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Tgt Ion:136 Resp: 157125

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.2	13.8
54	15.6	12.6	19.0
68	6.3	5.7	8.5

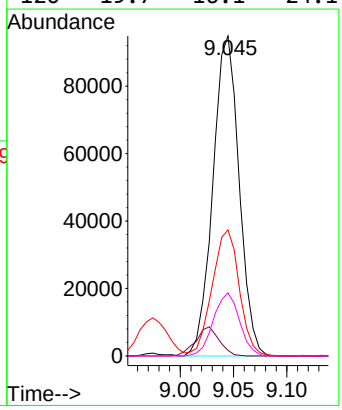


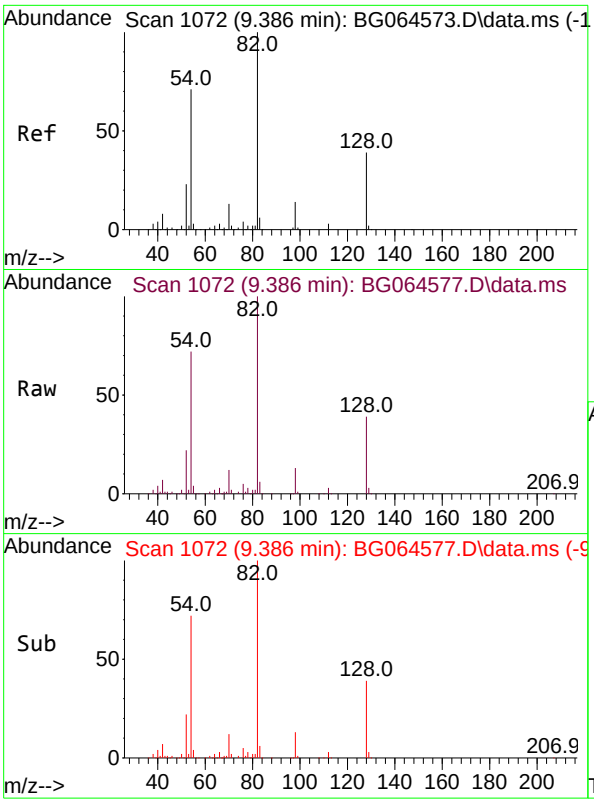


#22
Acetophenone
Concen: 37.806 ng
RT: 9.045 min Scan# 1014
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:105 Resp: 162385

Ion	Ratio	Lower	Upper
105	100		
71	1.7	1.5	2.3
51	39.4	33.7	50.5
120	19.7	16.1	24.1



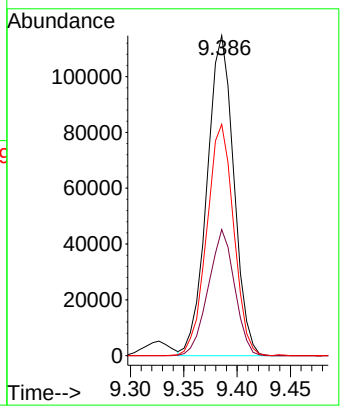


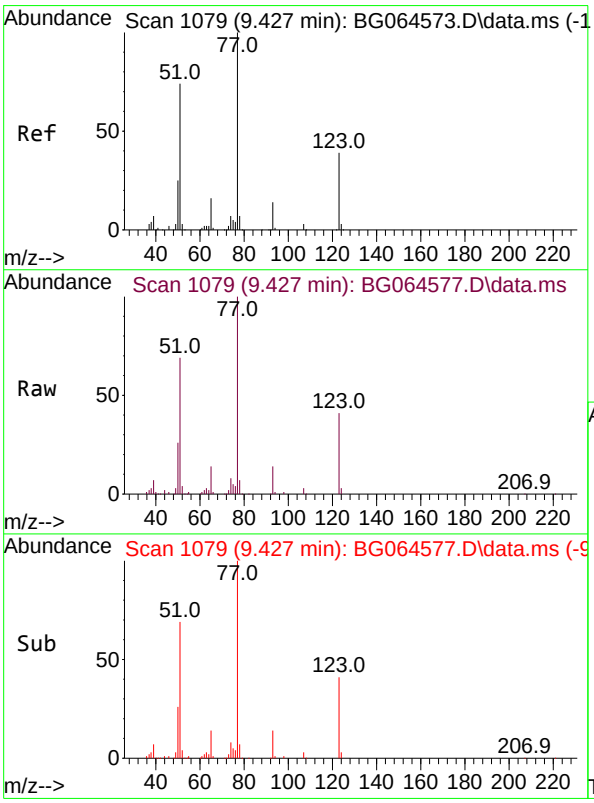
#23
Nitrobenzene-d5
Concen: 76.738 ng
RT: 9.386 min Scan# 10
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Tgt Ion: 82 Resp: 200749

Ion	Ratio	Lower	Upper
82	100		
128	39.4	31.3	46.9
54	72.3	56.6	84.8

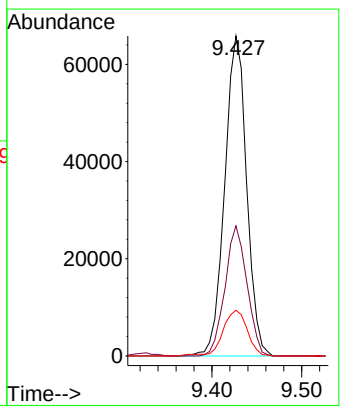


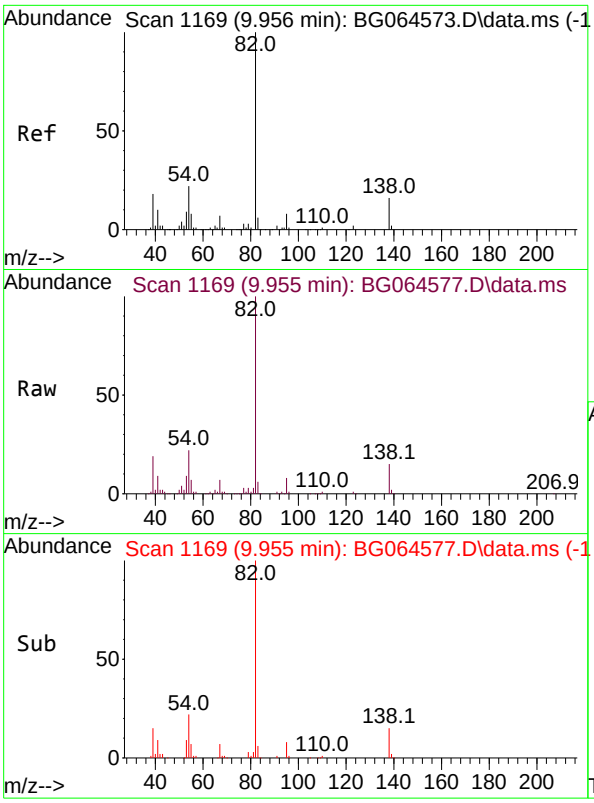


#24
Nitrobenzene
Concen: 39.305 ng
RT: 9.427 min Scan# 1079
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion: 77 Resp: 111836

Ion	Ratio	Lower	Upper
77	100		
123	40.6	31.0	46.6
65	14.3	12.7	19.1



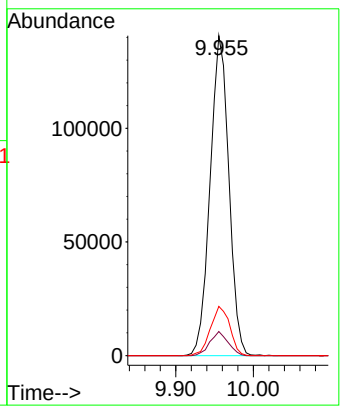


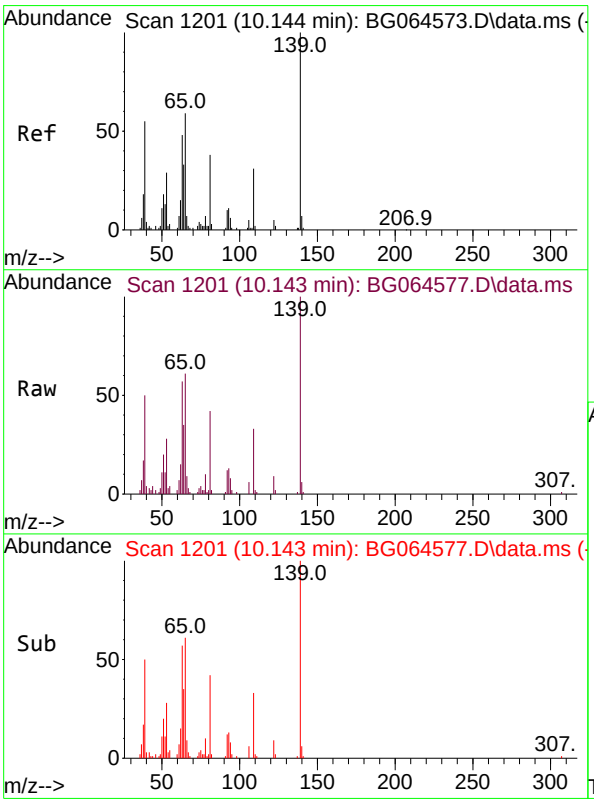
#25
Isophorone
Concen: 37.733 ng
RT: 9.955 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Tgt Ion: 82 Resp: 236860

Ion	Ratio	Lower	Upper
82	100		
95	7.5	6.1	9.1
138	15.4	13.0	19.4

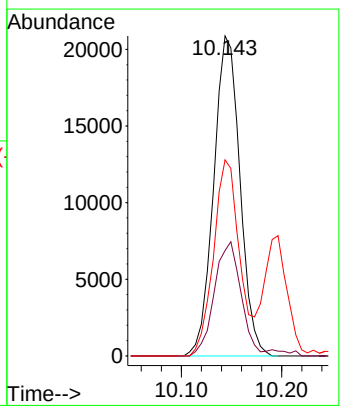


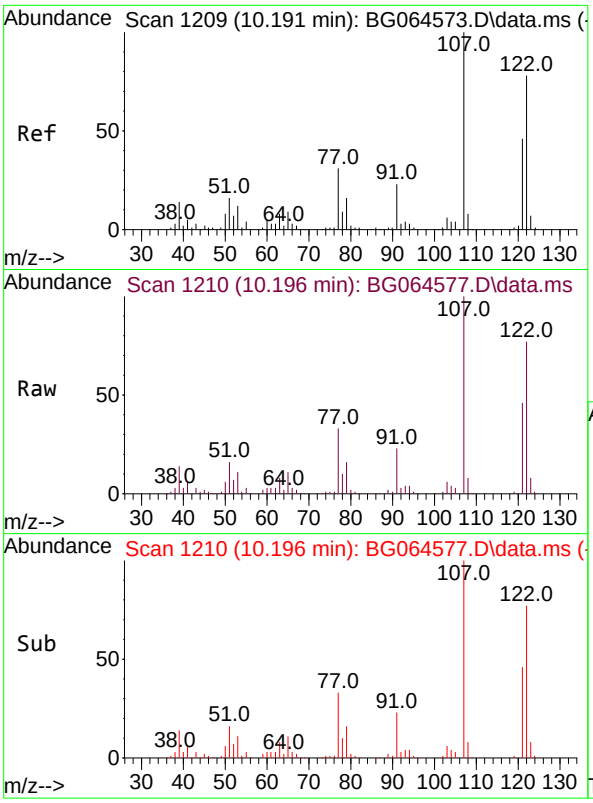


#26
2-Nitrophenol
Concen: 35.498 ng
RT: 10.143 min Scan# 1201
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:139 Resp: 38013

Ion	Ratio	Lower	Upper
139	100		
109	32.9	24.6	37.0
65	61.3	47.5	71.3



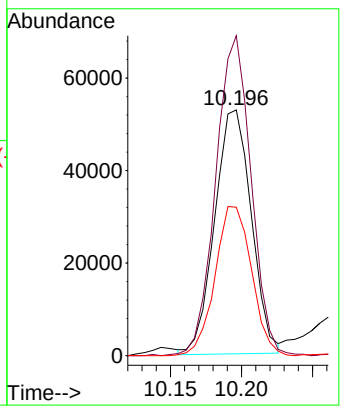


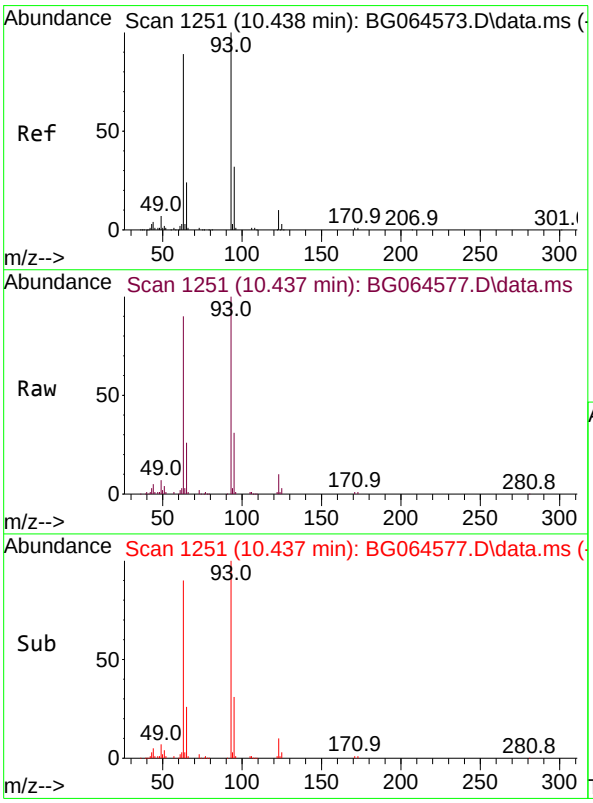
#27
2,4-Dimethylphenol
Concen: 40.491 ng
RT: 10.196 min Scan# 1
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Tgt Ion:122 Resp: 94545

Ion	Ratio	Lower	Upper
122	100		
107	130.3	103.0	154.4
121	60.4	47.8	71.8

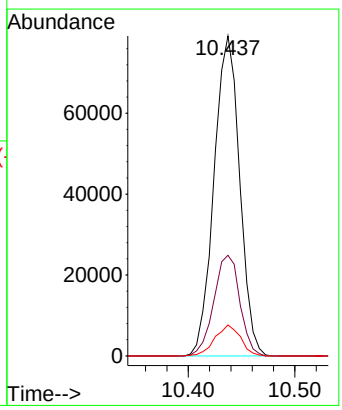


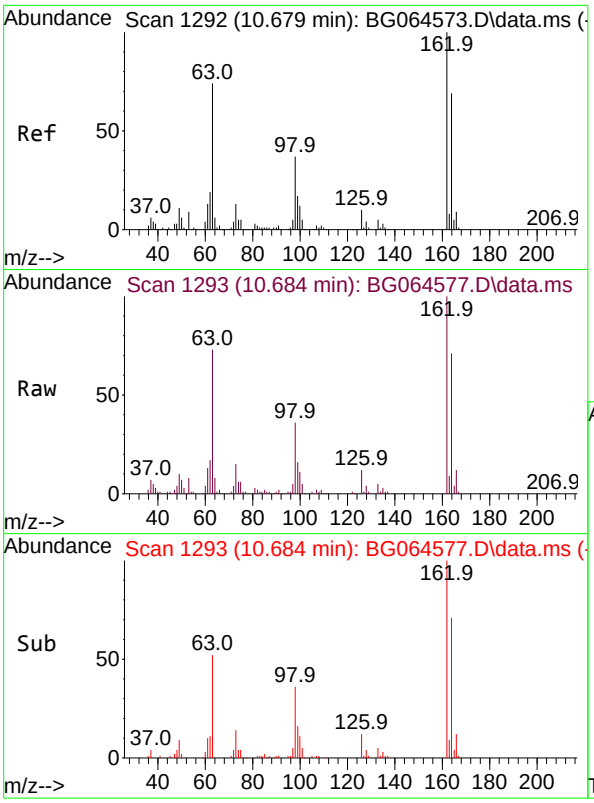


#28
bis(2-Chloroethoxy)methane
Concen: 36.953 ng
RT: 10.437 min Scan# 1251
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion: 93 Resp: 132072

Ion	Ratio	Lower	Upper
93	100		
95	31.4	25.4	38.2
123	9.7	8.4	12.6



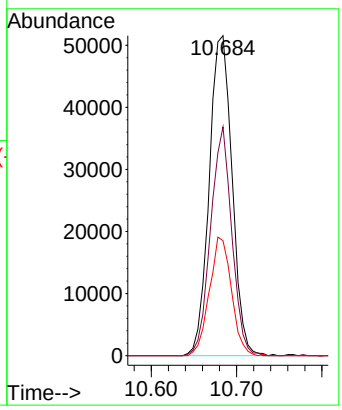


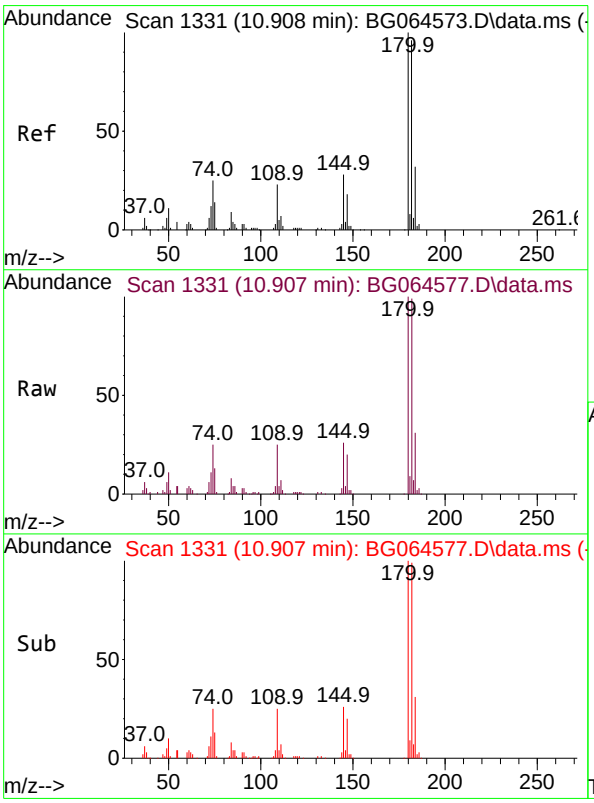
#29
2,4-Dichlorophenol
Concen: 38.190 ng
RT: 10.684 min Scan# 1
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Tgt Ion:162 Resp: 95966

Ion	Ratio	Lower	Upper
162	100		
164	71.5	48.7	88.7
98	35.9	16.9	56.9

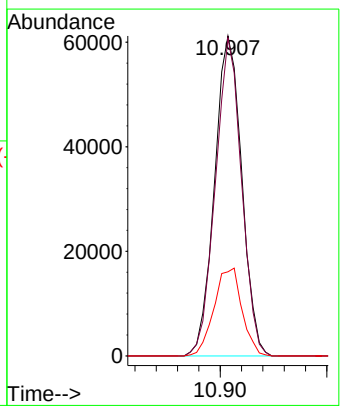


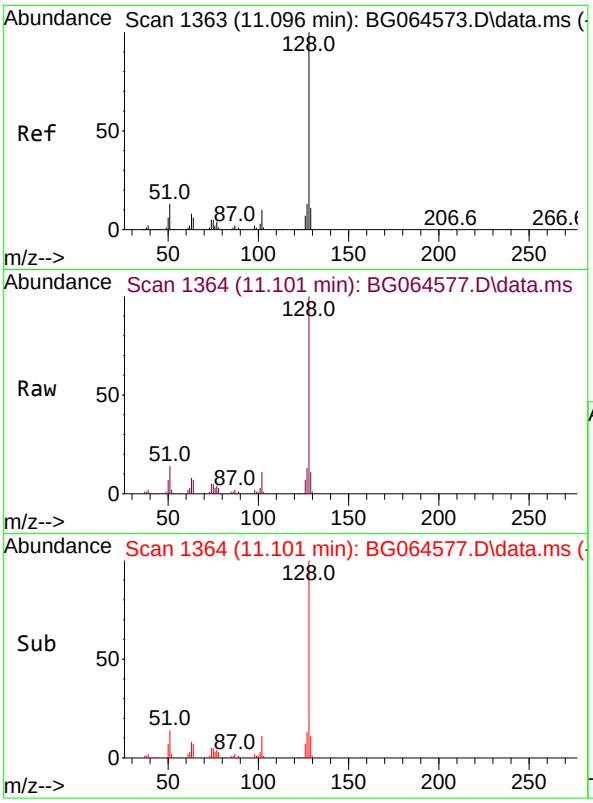


#30
1,2,4-Trichlorobenzene
Concen: 37.945 ng
RT: 10.907 min Scan# 1331
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:180 Resp: 108339

Ion	Ratio	Lower	Upper
180	100		
182	99.3	76.9	115.3
145	26.3	22.1	33.1



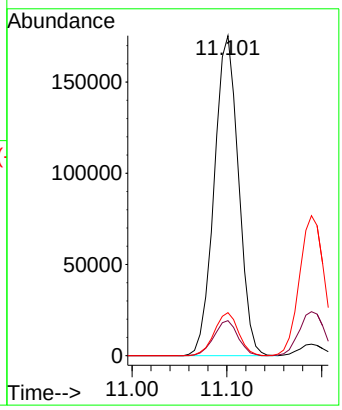


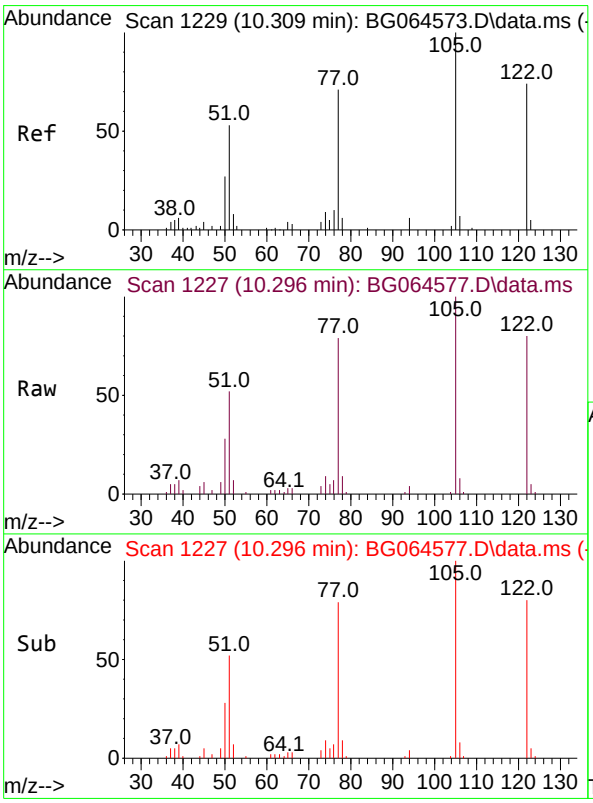
#31
Naphthalene
Concen: 35.709 ng
RT: 11.101 min Scan# 1
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Tgt Ion:128 Resp: 311084

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.4	10.6	15.8

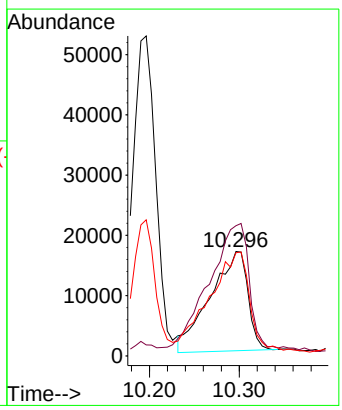


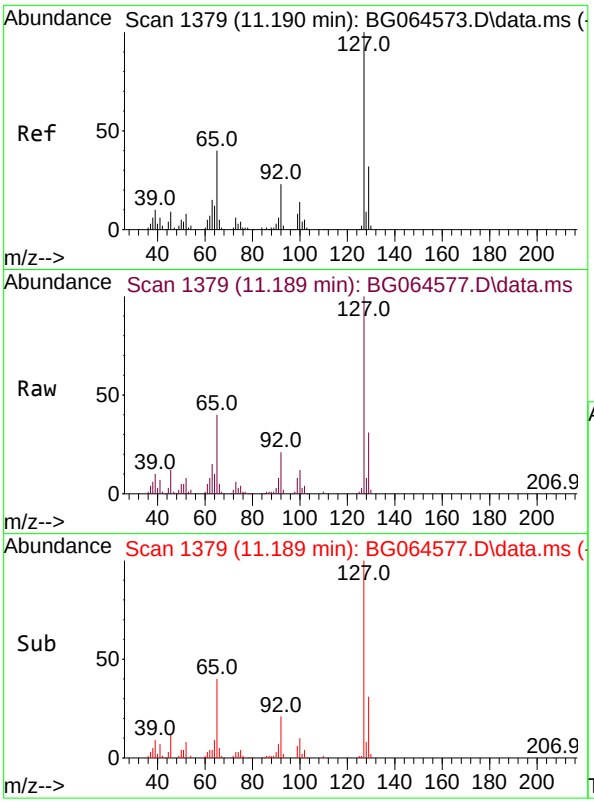


#32
Benzoic acid
Concen: 29.620 ng
RT: 10.296 min Scan# 1227
Delta R.T. -0.013 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:122 Resp: 48162

Ion	Ratio	Lower	Upper
122	100		
105	124.6	104.2	144.2
77	98.8	70.2	110.2



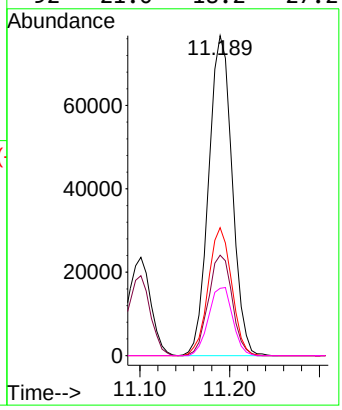


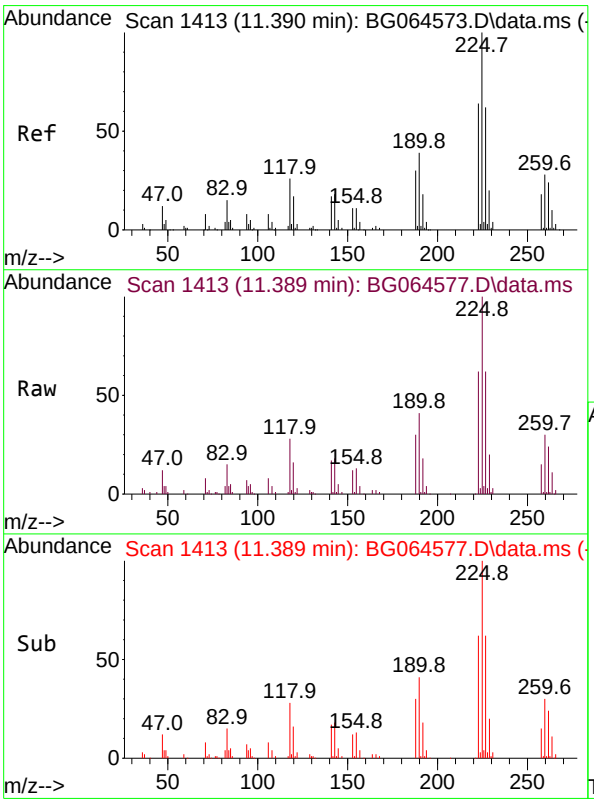
#33
4-Chloroaniline
Concen: 41.287 ng
RT: 11.189 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Tgt Ion:127 Resp: 139799

Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.5	38.3
65	40.0	32.2	48.4
92	21.0	18.2	27.2

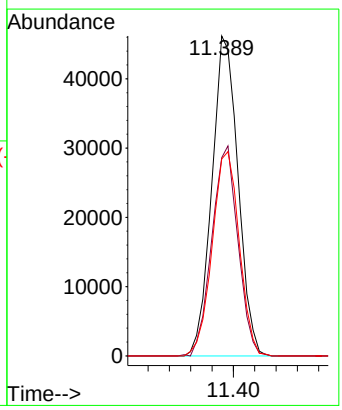


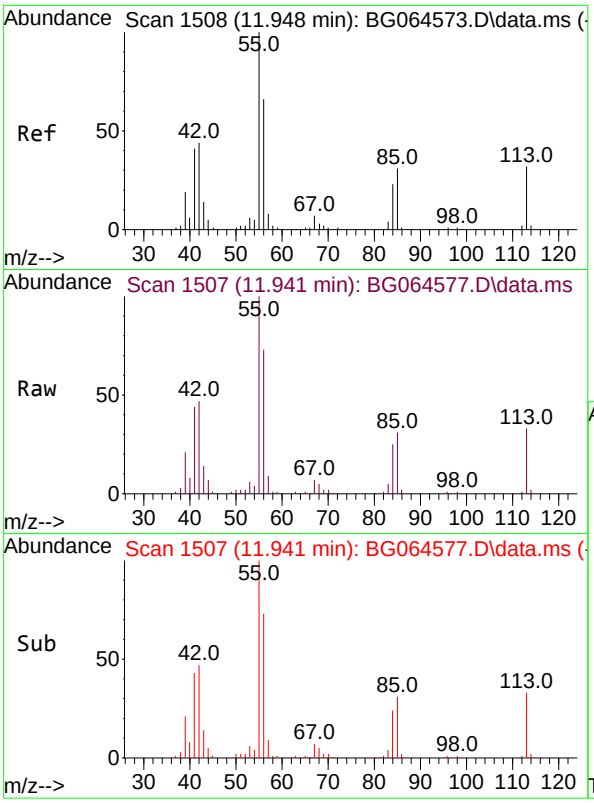


#34
Hexachlorobutadiene
Concen: 35.242 ng
RT: 11.389 min Scan# 1413
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:225 Resp: 78691

Ion	Ratio	Lower	Upper
225	100		
223	59.7	48.8	73.2
227	59.3	49.5	74.3



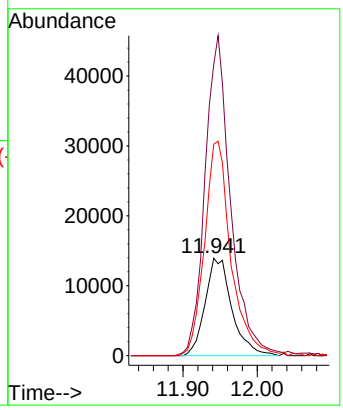


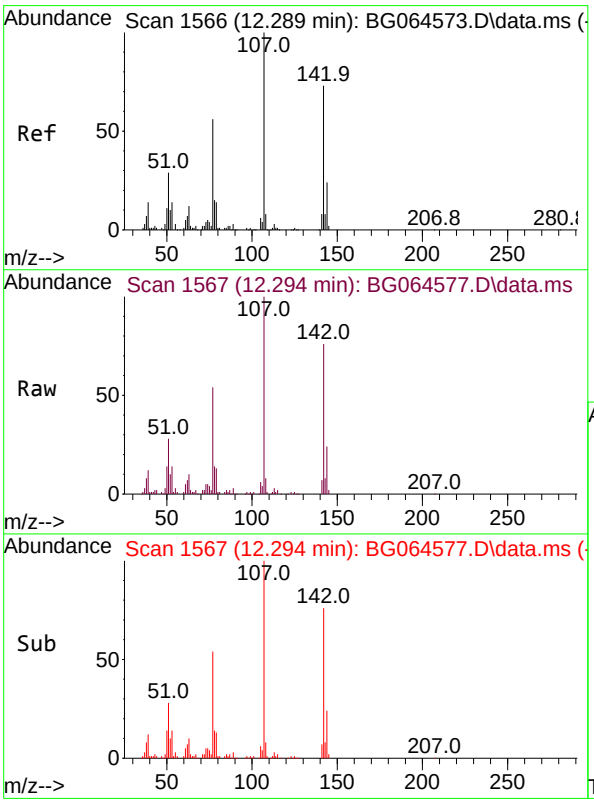
#35
Caprolactam
Concen: 36.326 ng
RT: 11.941 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Tgt Ion:113 Resp: 35011

Ion	Ratio	Lower	Upper
113	100		
55	299.0	290.1	330.1
56	217.0	183.8	223.8

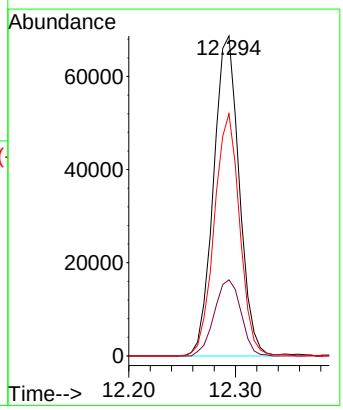


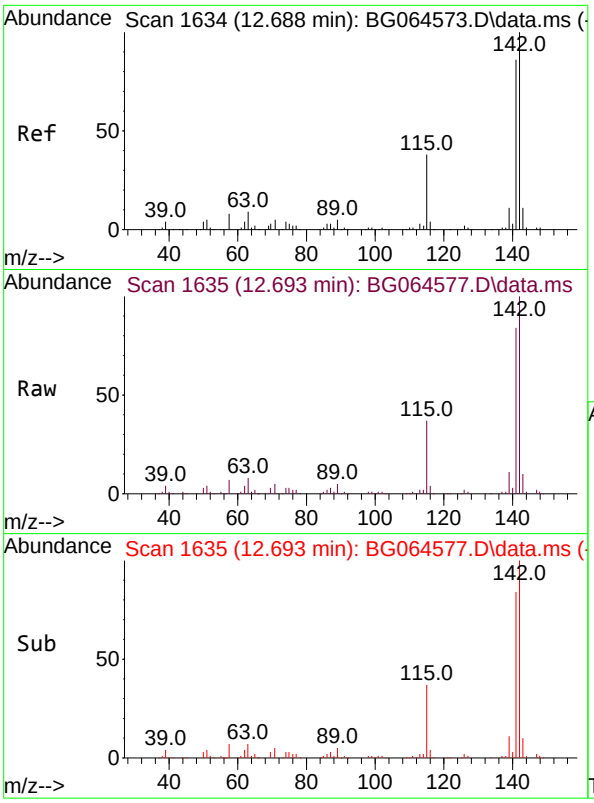


#36
4-Chloro-3-methylphenol
Concen: 38.049 ng
RT: 12.294 min Scan# 1567
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:107 Resp: 114927

Ion	Ratio	Lower	Upper
107	100		
144	23.8	19.1	28.7
142	75.7	58.6	87.8



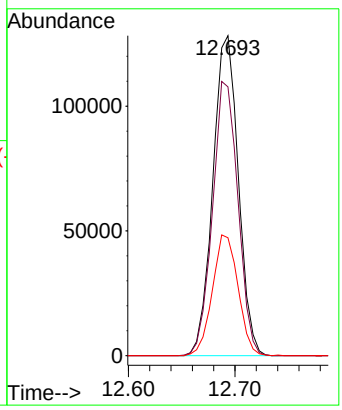


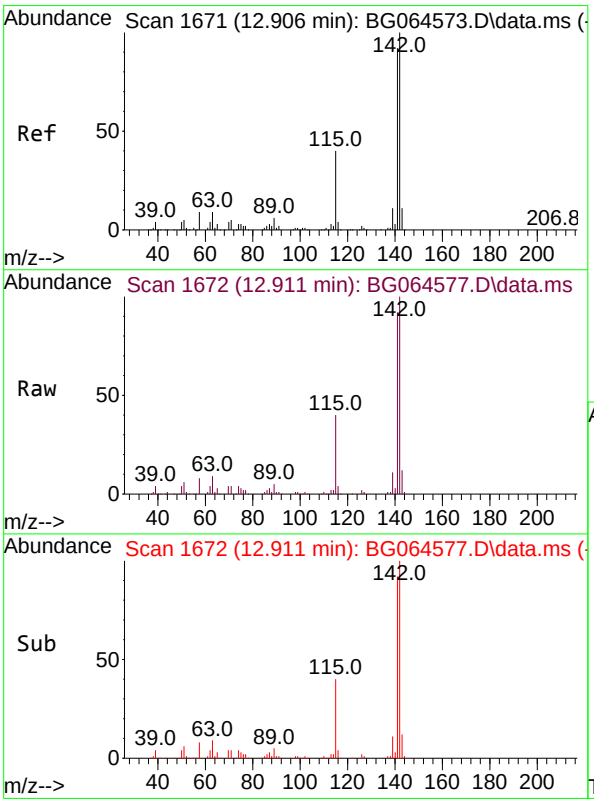
#37
2-Methylnaphthalene
Concen: 33.388 ng
RT: 12.693 min Scan# 1
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Tgt Ion:142 Resp: 213545

Ion	Ratio	Lower	Upper
142	100		
141	84.0	68.9	103.3
115	36.8	30.6	46.0

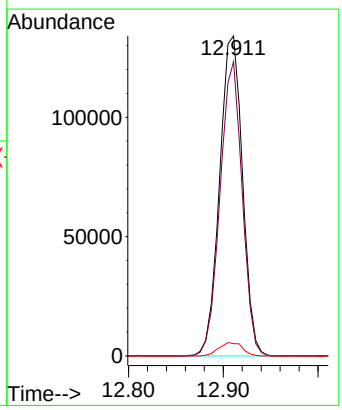


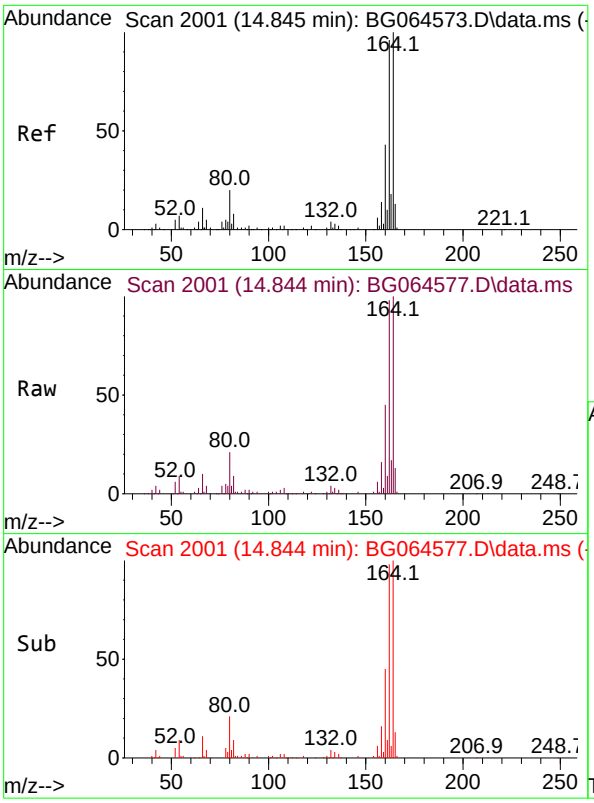


#38
1-Methylnaphthalene
Concen: 35.513 ng
RT: 12.911 min Scan# 1672
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:142 Resp: 224857

Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.3	109.9
116	3.8	3.1	4.7



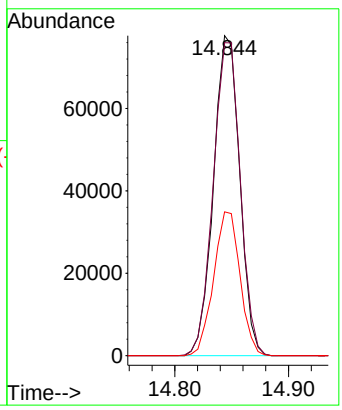


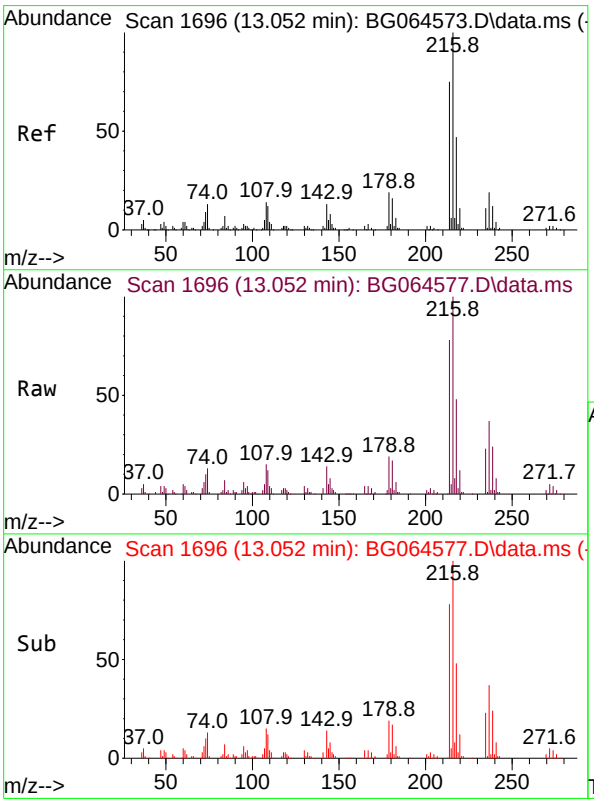
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.844 min Scan# 20
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Tgt Ion:164 Resp: 124202

Ion	Ratio	Lower	Upper
164	100		
162	97.8	77.0	115.6
160	44.9	34.4	51.6

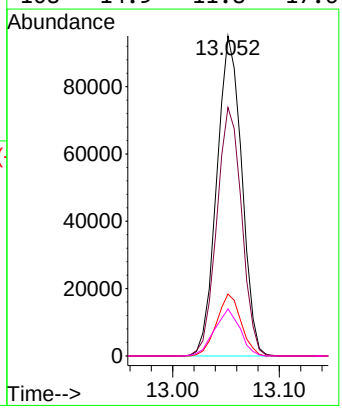


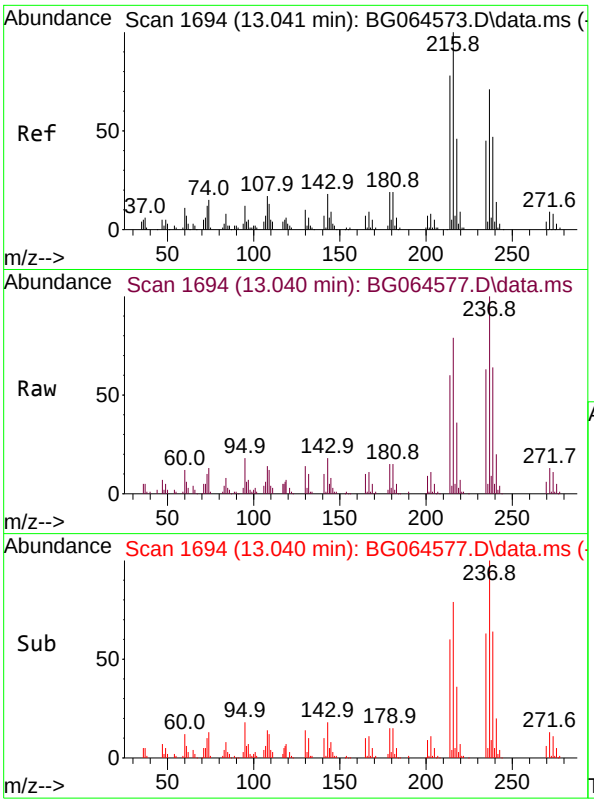


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.146 ng
RT: 13.052 min Scan# 1696
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:216 Resp: 154838

Ion	Ratio	Lower	Upper
216	100		
214	77.4	61.4	92.2
179	18.9	15.4	23.0
108	14.9	11.8	17.6



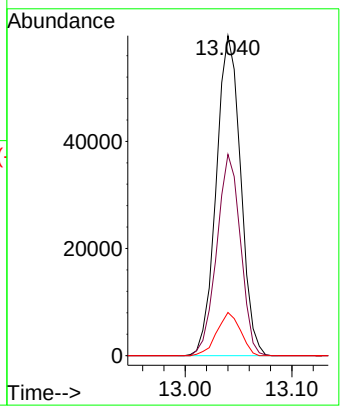


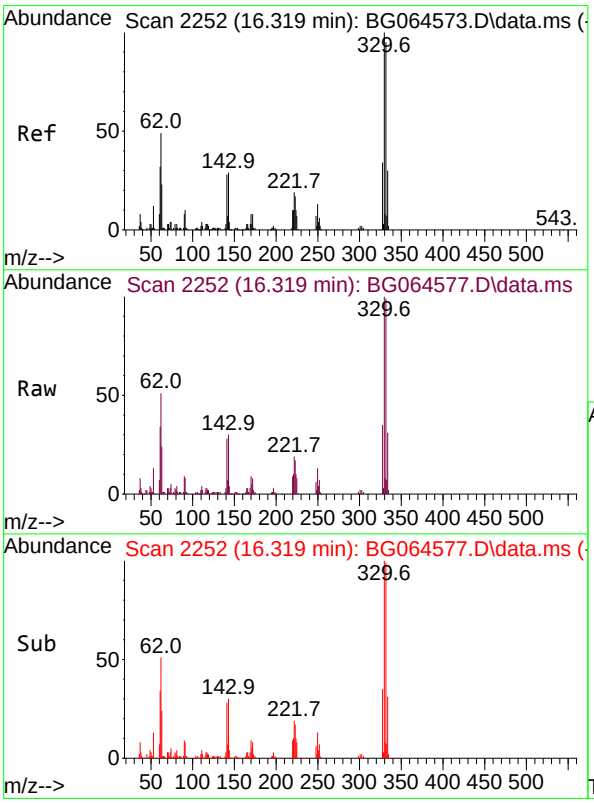
#41
Hexachlorocyclopentadiene
Concen: 50.669 ng
RT: 13.040 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Tgt Ion:237 Resp: 95065

Ion	Ratio	Lower	Upper
237	100		
235	62.9	44.1	84.1
272	13.5	0.0	32.4

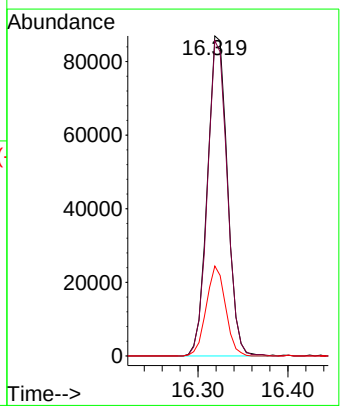


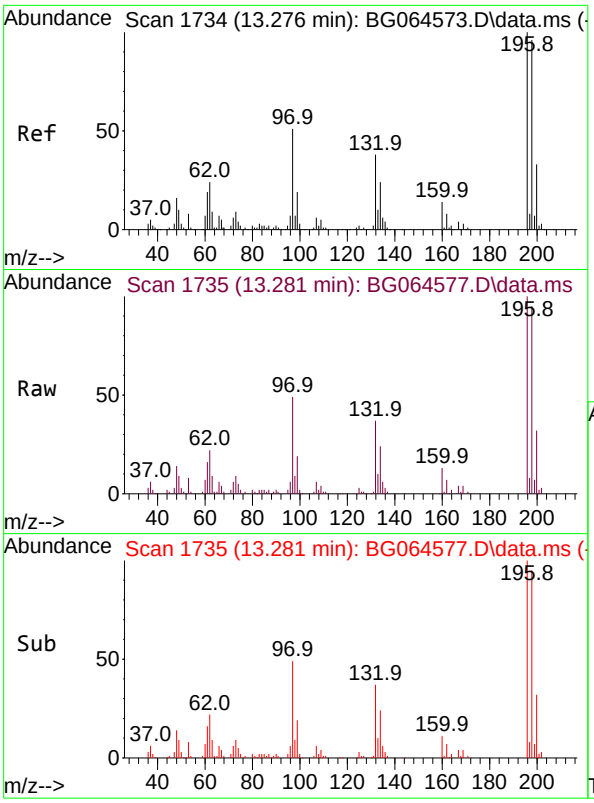


#42
2,4,6-Tribromophenol
Concen: 75.074 ng
RT: 16.319 min Scan# 2252
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:330 Resp: 134578

Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.0	117.0
141	27.0	21.8	32.6



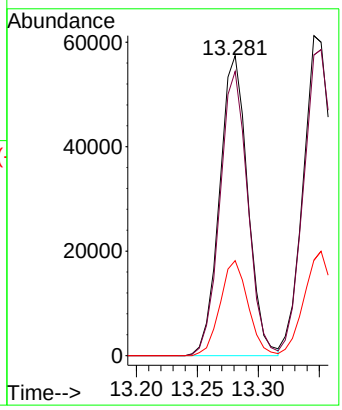


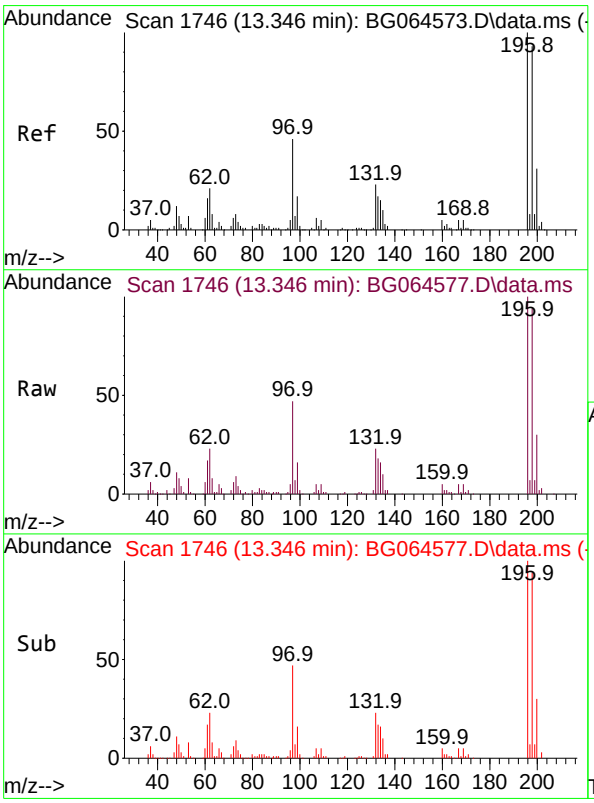
#43
2,4,6-Trichlorophenol
Concen: 38.726 ng
RT: 13.281 min Scan# 1
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Tgt Ion:196 Resp: 92335

Ion	Ratio	Lower	Upper
196	100		
198	94.8	76.6	115.0
200	31.7	26.0	39.0

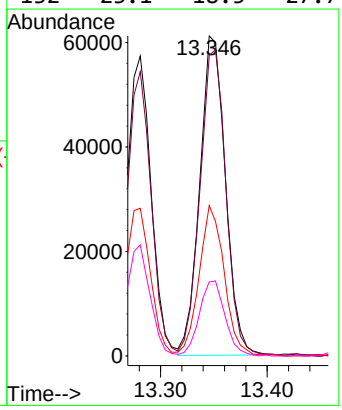


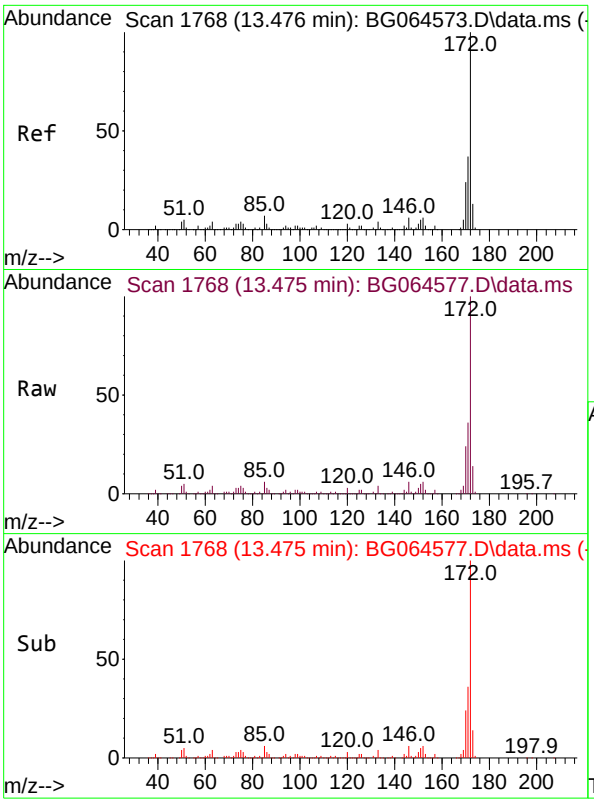


#44
2,4,5-Trichlorophenol
Concen: 37.228 ng
RT: 13.346 min Scan# 1746
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:196 Resp: 102433

Ion	Ratio	Lower	Upper
196	100		
198	93.9	74.2	111.4
97	47.0	37.0	55.6
132	23.1	18.5	27.7



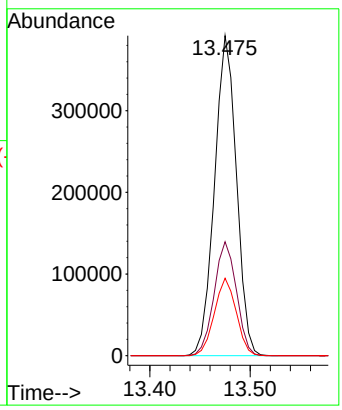


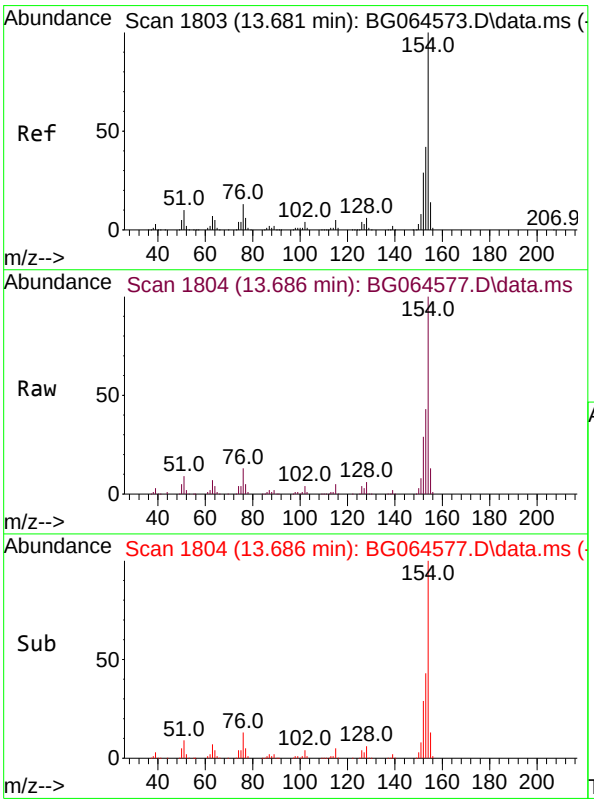
#45
2-Fluorobiphenyl
Concen: 72.599 ng
RT: 13.475 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Tgt Ion:172 Resp: 594887

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.4	44.0
170	24.2	19.1	28.7

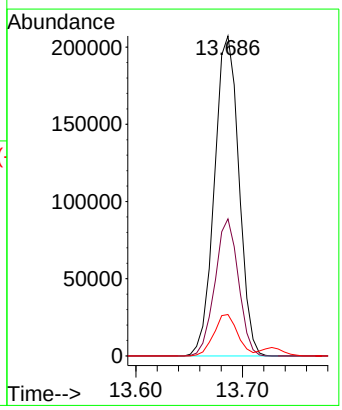


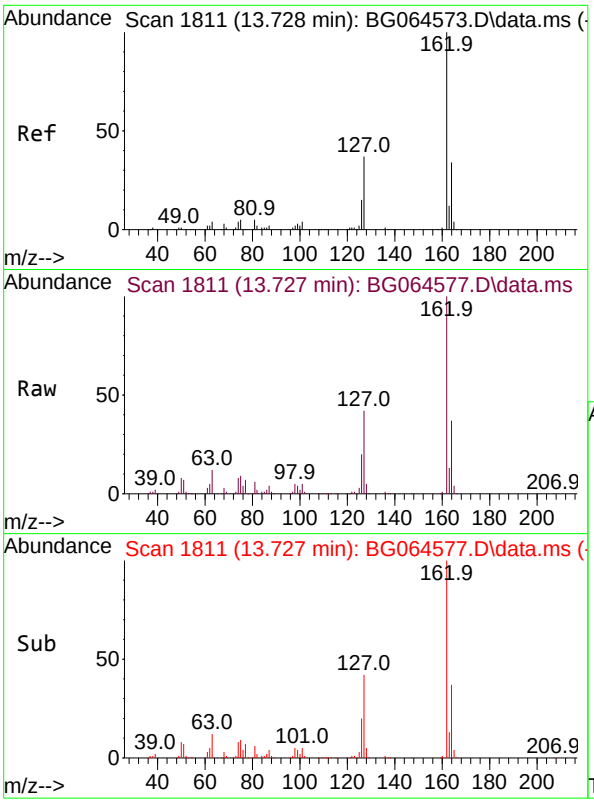


#46
1,1'-Biphenyl
Concen: 37.331 ng
RT: 13.686 min Scan# 1804
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:154 Resp: 329629

Ion	Ratio	Lower	Upper
154	100		
153	42.8	22.4	62.4
76	12.9	0.0	33.5



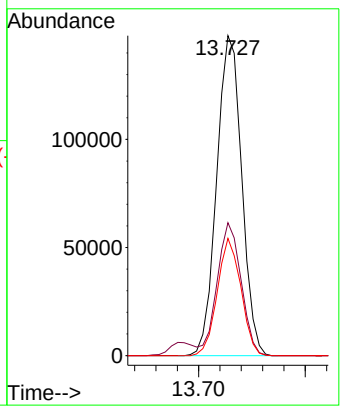


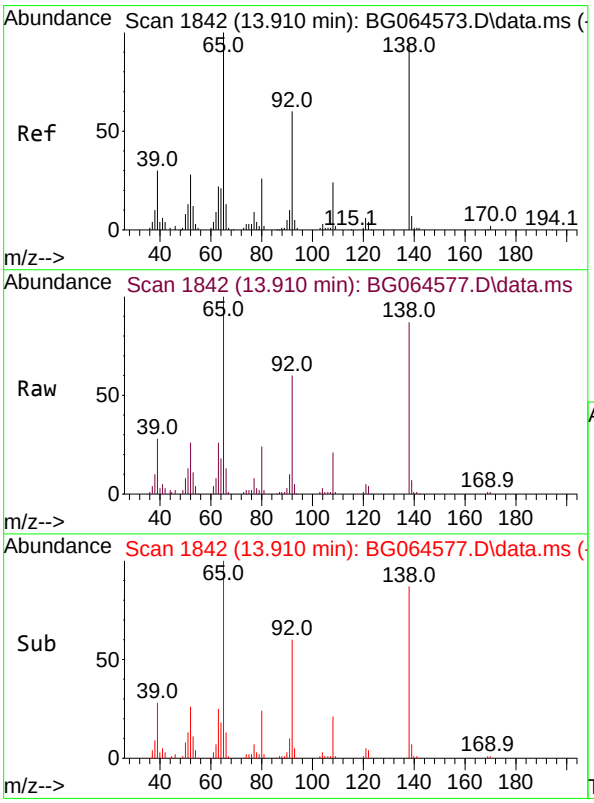
#47
2-Chloronaphthalene
Concen: 36.205 ng
RT: 13.727 min Scan# 18
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Tgt Ion:162 Resp: 241311

Ion	Ratio	Lower	Upper
162	100		
127	41.5	32.2	48.2
164	36.6	27.5	41.3

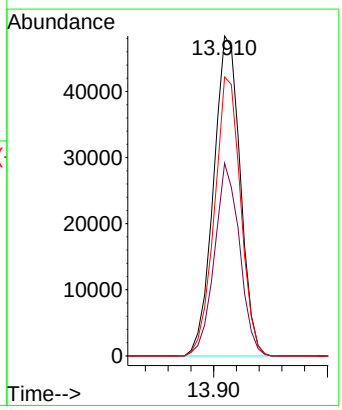


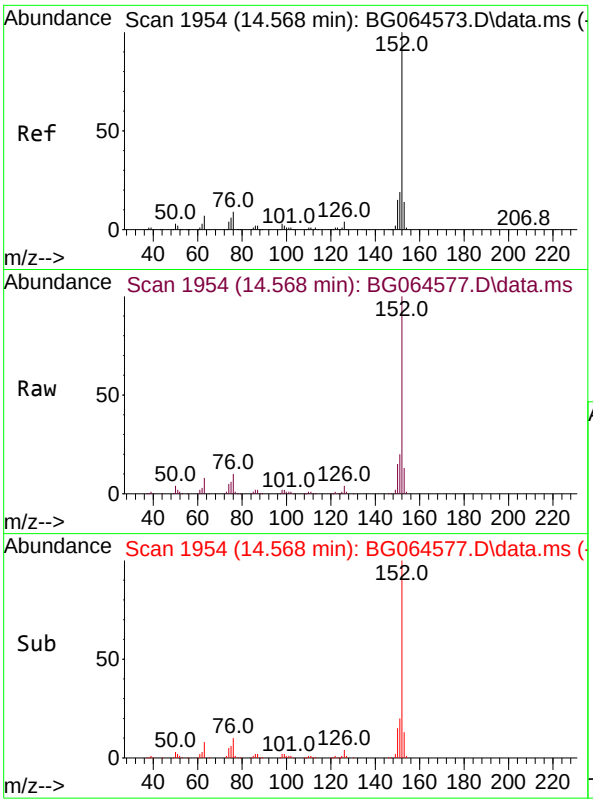


#48
2-Nitroaniline
Concen: 36.129 ng
RT: 13.910 min Scan# 1842
Delta R.T. -0.000 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion: 65 Resp: 78927

Ion	Ratio	Lower	Upper
65	100		
92	60.2	48.3	72.5
138	87.2	74.9	112.3



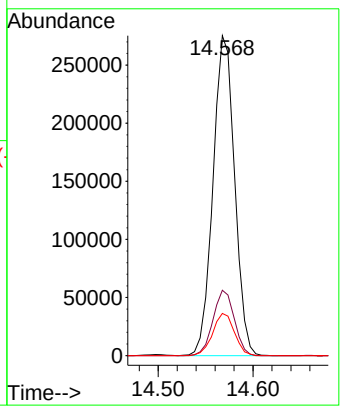


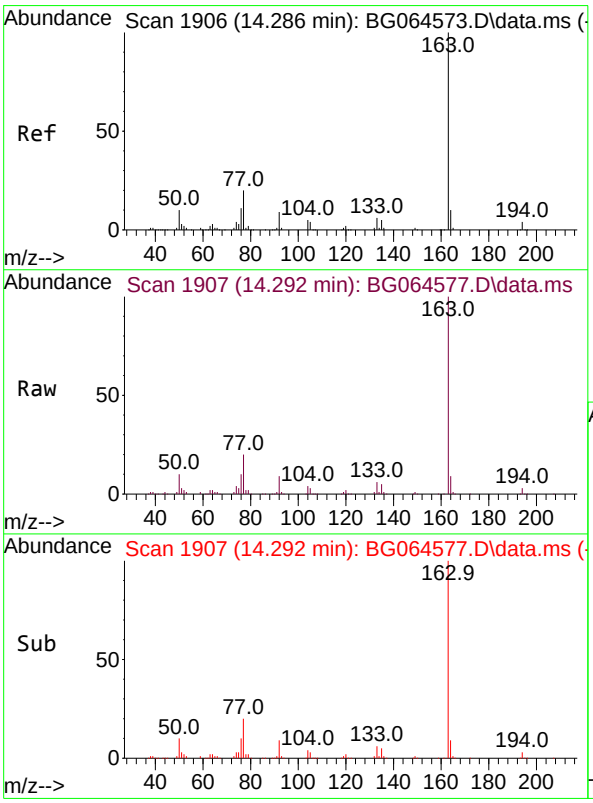
#49
Acenaphthylene
Concen: 41.457 ng
RT: 14.568 min Scan# 19
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Tgt Ion:152 Resp: 435836

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.4	23.2
153	13.2	11.0	16.4

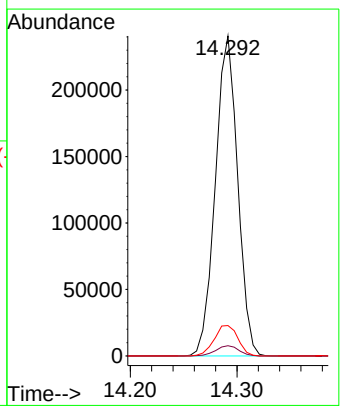


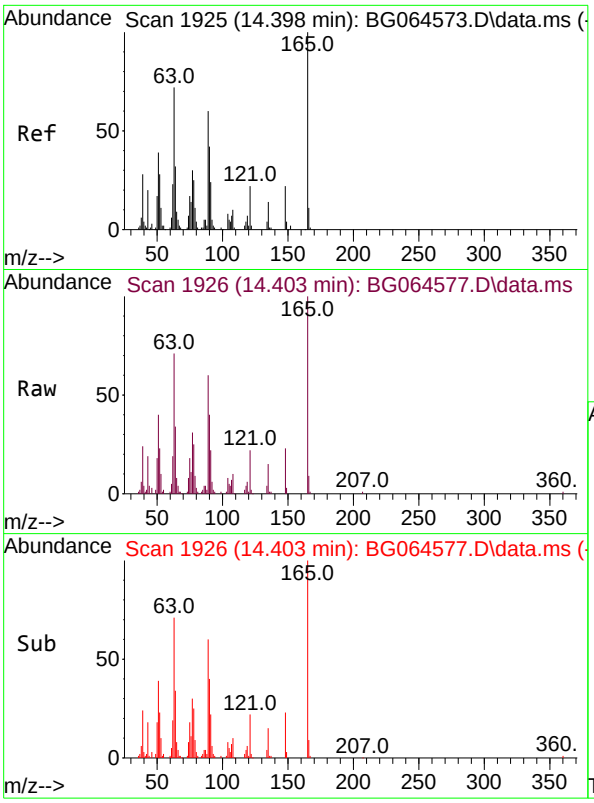


#50
Dimethylphthalate
Concen: 36.890 ng
RT: 14.292 min Scan# 1907
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:163 Resp: 350600

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	9.5	7.7	11.5



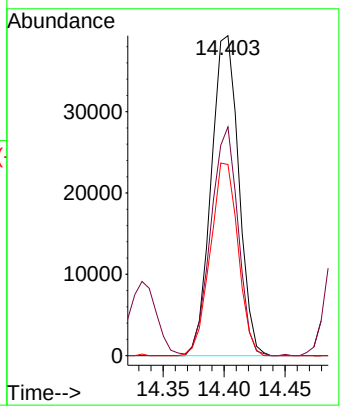


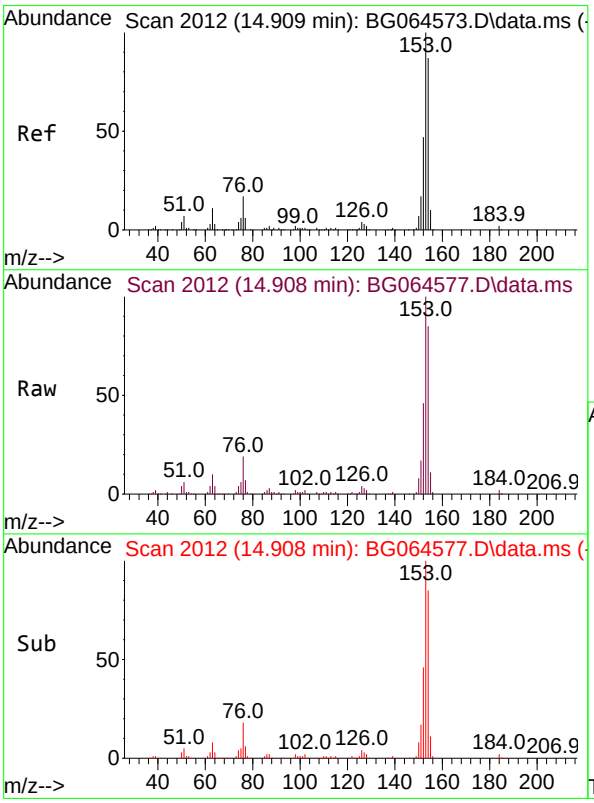
#51
2,6-Dinitrotoluene
Concen: 39.971 ng
RT: 14.403 min Scan# 19
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Tgt Ion:165 Resp: 61784

Ion	Ratio	Lower	Upper
165	100		
63	71.5	57.4	86.0
89	59.7	47.8	71.8

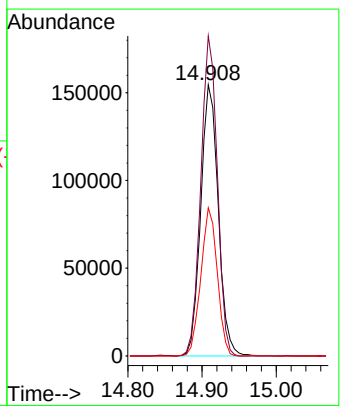


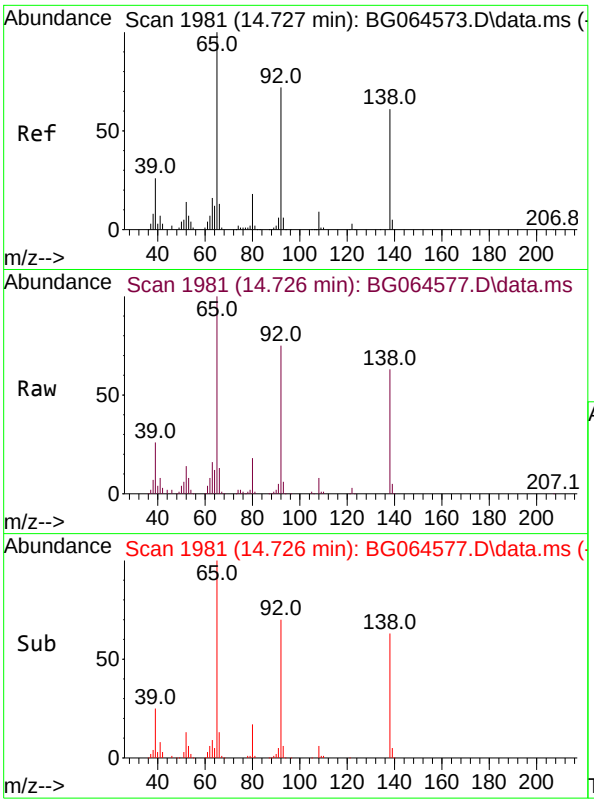


#52
Acenaphthene
Concen: 35.340 ng
RT: 14.908 min Scan# 2012
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:154 Resp: 253833

Ion	Ratio	Lower	Upper
154	100		
153	118.0	92.2	138.4
152	54.6	43.2	64.8



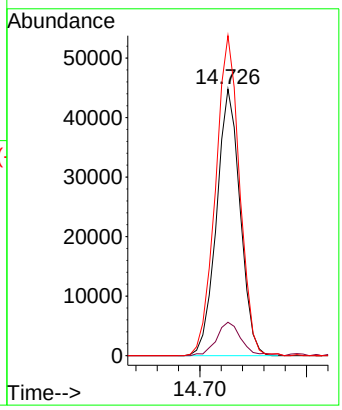


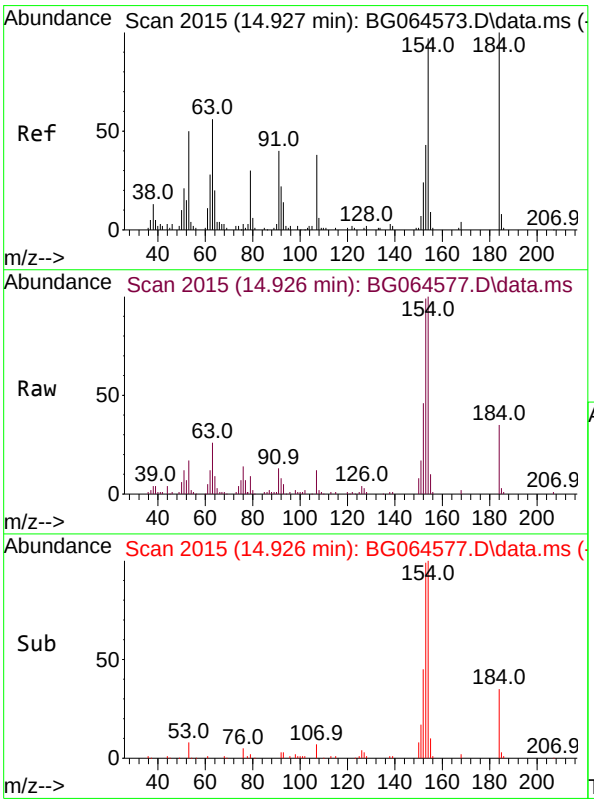
#53
3-Nitroaniline
Concen: 42.080 ng
RT: 14.726 min Scan# 19
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Tgt Ion:138 Resp: 68729

Ion	Ratio	Lower	Upper
138	100		
108	12.5	11.4	17.0
92	120.1	95.3	142.9

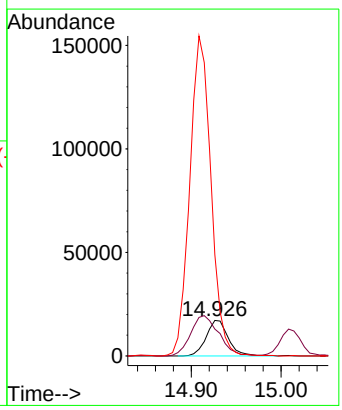


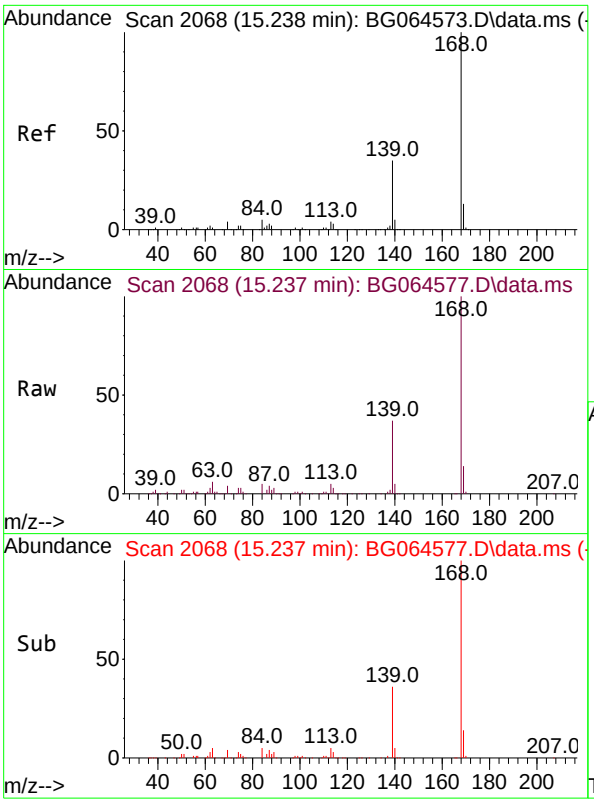


#54
2,4-Dinitrophenol
Concen: 33.991 ng
RT: 14.926 min Scan# 2015
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:184 Resp: 29394

Ion	Ratio	Lower	Upper
184	100		
63	75.8	56.6	85.0
154	285.9	158.6	238.0#



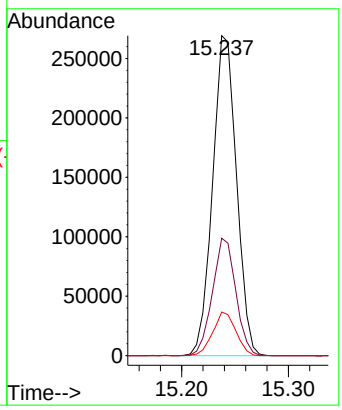


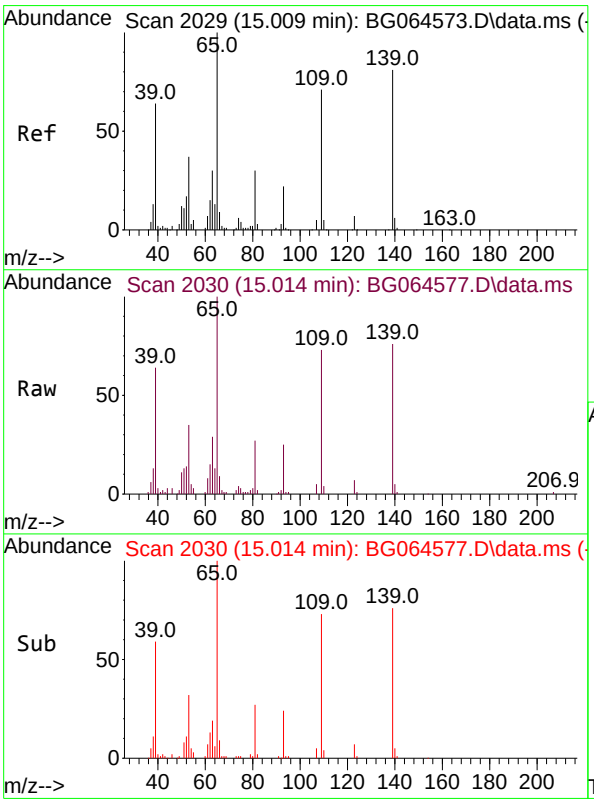
#55
Dibenzofuran
Concen: 36.096 ng
RT: 15.237 min Scan# 20
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Tgt Ion:168 Resp: 419154

Ion	Ratio	Lower	Upper
168	100		
139	36.7	27.8	41.8
169	13.6	10.3	15.5

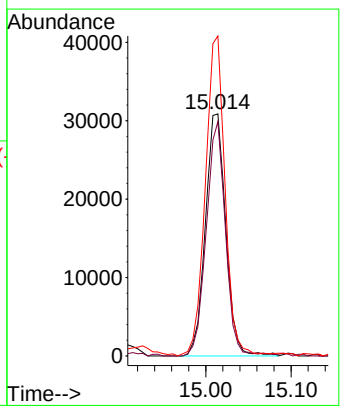


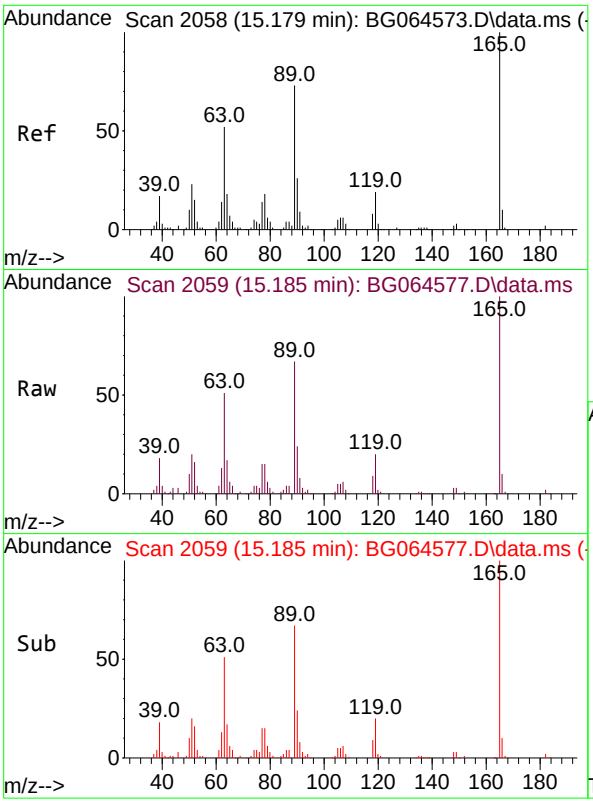


#56
4-Nitrophenol
Concen: 33.818 ng
RT: 15.014 min Scan# 2030
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:139 Resp: 51210

Ion	Ratio	Lower	Upper
139	100		
109	96.8	67.8	107.8
65	132.2	103.7	143.7



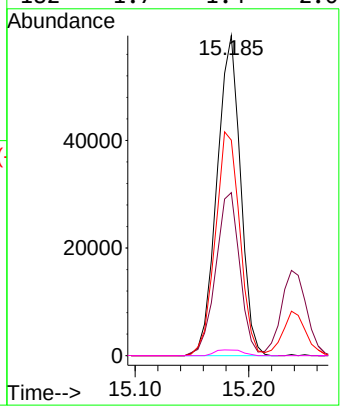


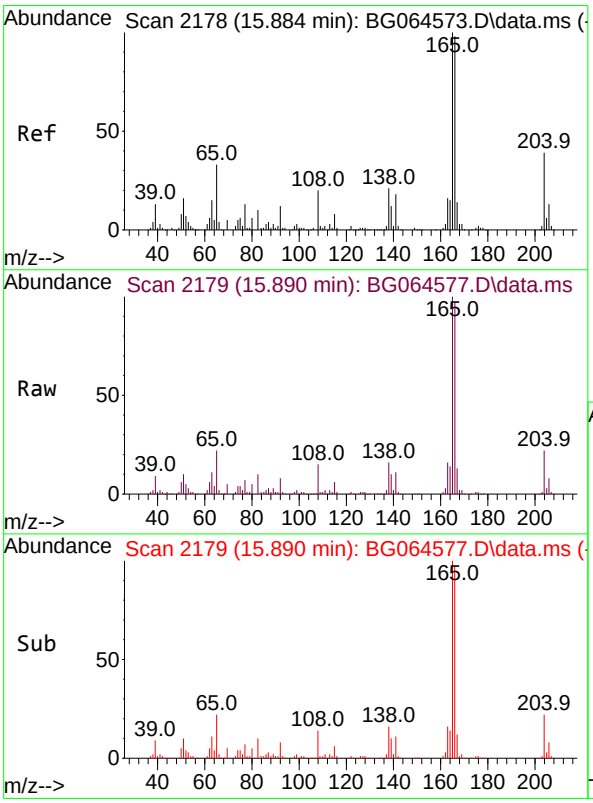
#57
2,4-Dinitrotoluene
Concen: 35.957 ng
RT: 15.185 min Scan# 2
Delta R.T. 0.006 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Tgt Ion:165 Resp: 85201

Ion	Ratio	Lower	Upper
165	100		
63	50.9	41.8	62.8
89	67.3	58.1	87.1
182	1.7	1.4	2.0

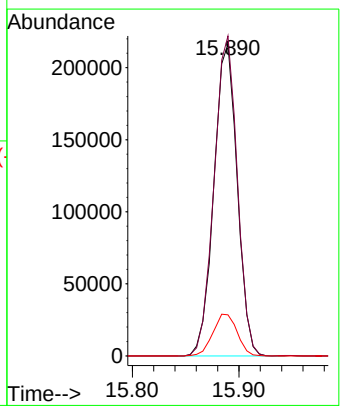


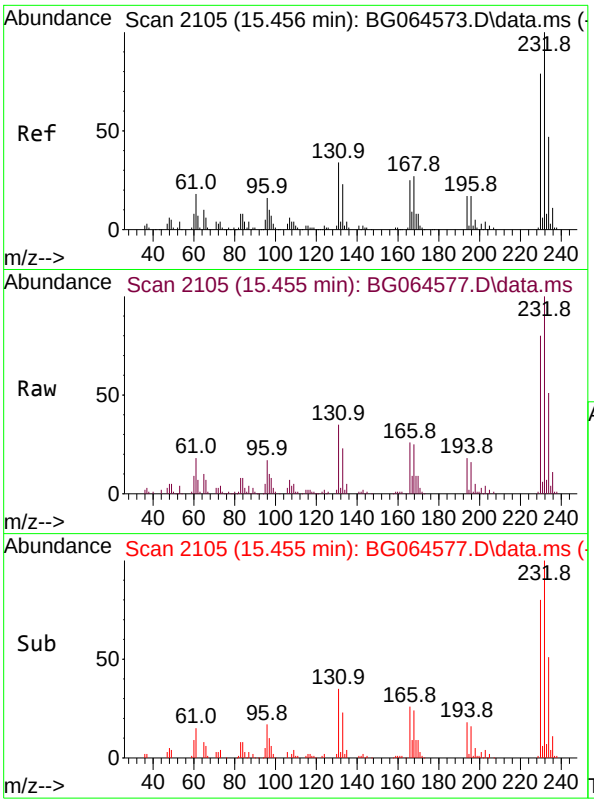


#58
Fluorene
Concen: 36.238 ng
RT: 15.890 min Scan# 2179
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:166 Resp: 328636

Ion	Ratio	Lower	Upper
166	100		
165	102.6	81.5	122.3
167	13.1	11.4	17.0



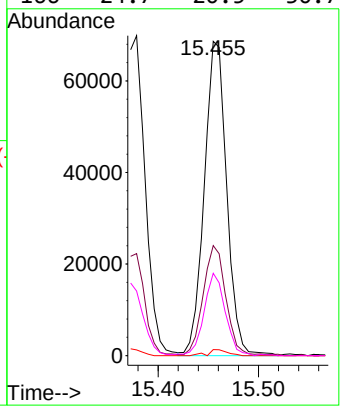


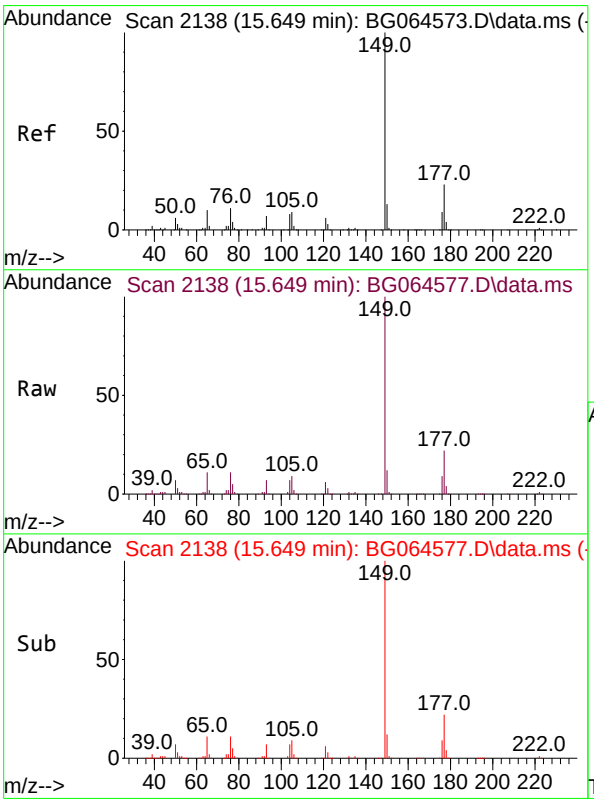
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.525 ng
RT: 15.455 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Tgt Ion:232 Resp: 106626

Ion	Ratio	Lower	Upper
232	100		
131	35.6	26.7	40.1
130	1.7	1.6	2.4
166	24.7	20.5	30.7

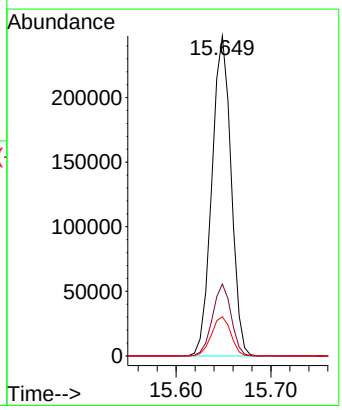


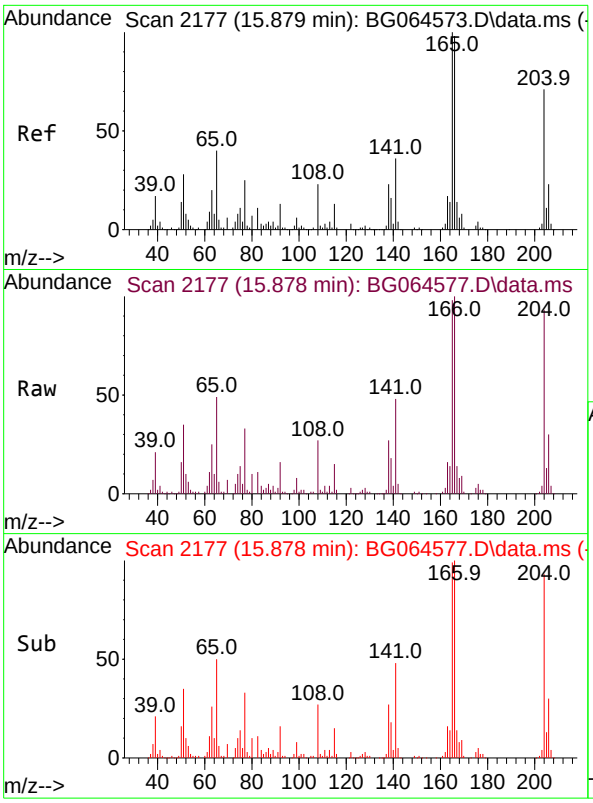


#60
Diethylphthalate
Concen: 35.961 ng
RT: 15.649 min Scan# 2138
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:149 Resp: 348964

Ion	Ratio	Lower	Upper
149	100		
177	22.5	18.0	27.0
150	12.2	10.2	15.4



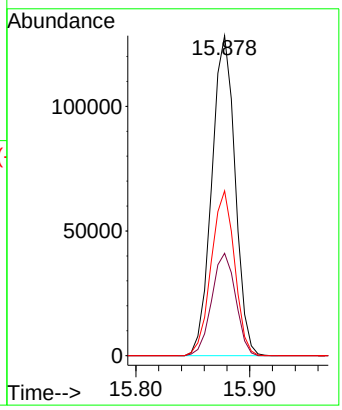


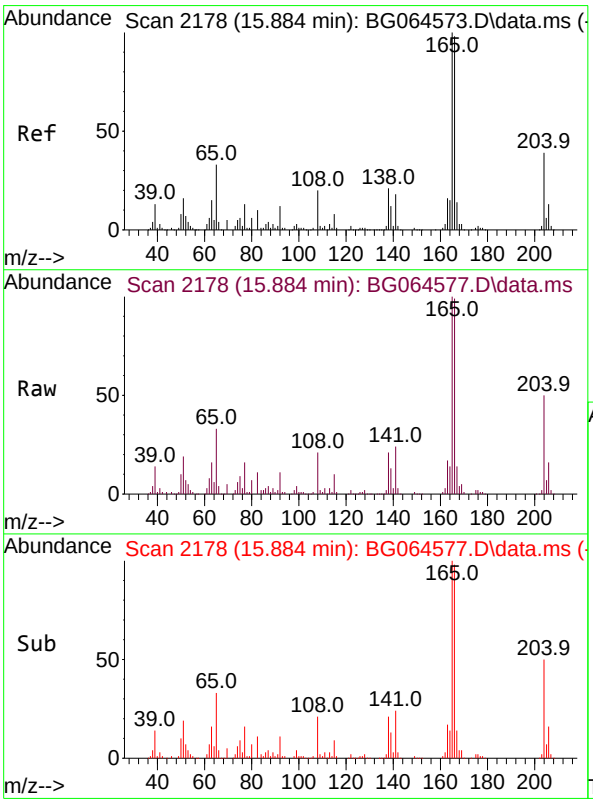
#61
4-Chlorophenyl-phenylether
Concen: 35.902 ng
RT: 15.878 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Tgt Ion:204 Resp: 182714

Ion	Ratio	Lower	Upper
204	100		
206	32.0	25.6	38.4
141	51.5	40.6	60.8

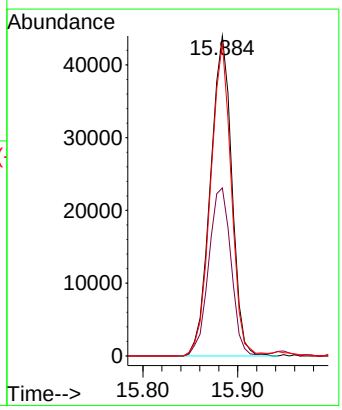


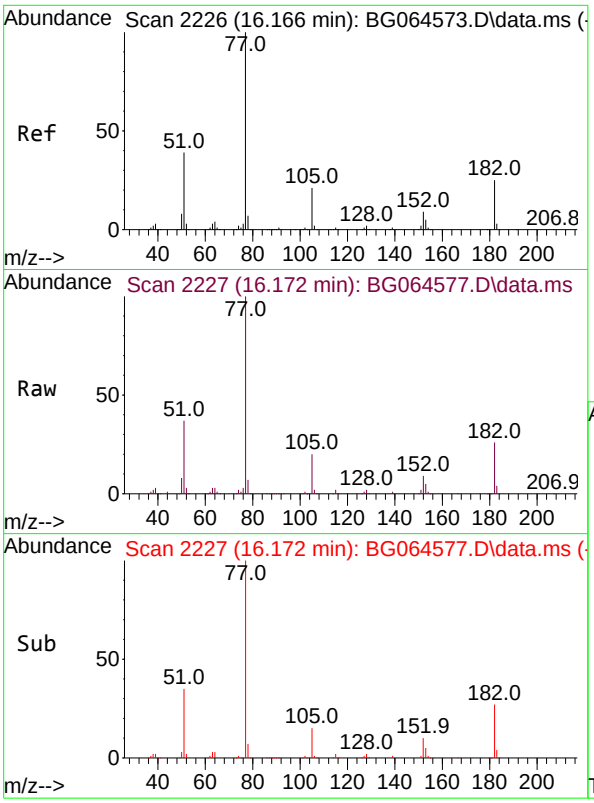


#62
4-Nitroaniline
Concen: 37.867 ng
RT: 15.884 min Scan# 2178
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:138 Resp: 68807

Ion	Ratio	Lower	Upper
138	100		
92	52.5	36.1	76.1
108	97.9	75.6	115.6



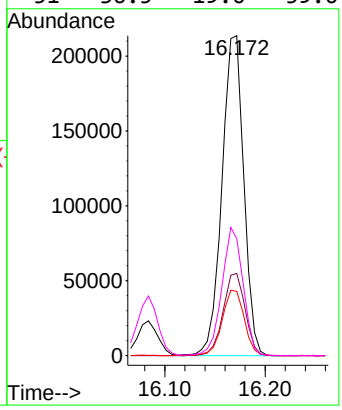


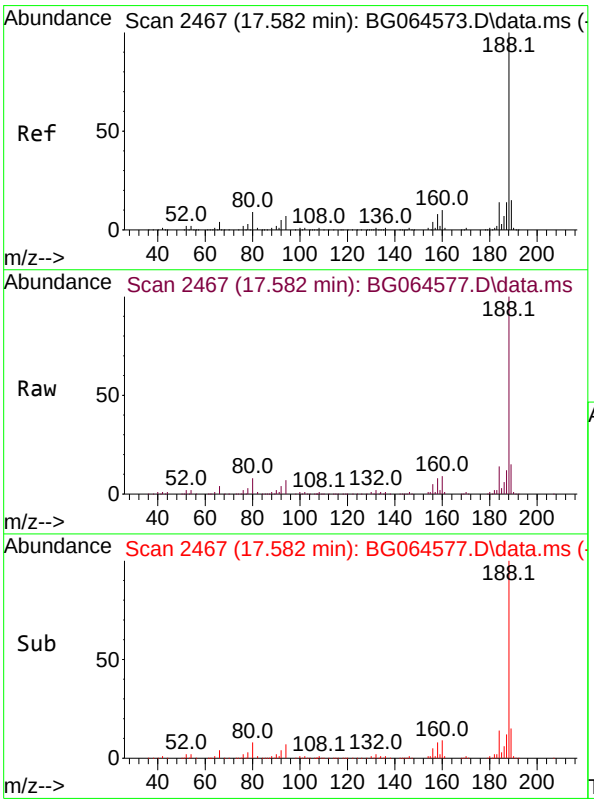
#63
Azobenzene
Concen: 36.325 ng
RT: 16.172 min Scan# 2
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Tgt Ion: 77 Resp: 323432

Ion	Ratio	Lower	Upper
77	100		
182	25.7	4.9	44.9
105	20.1	1.3	41.3
51	36.5	19.0	59.0

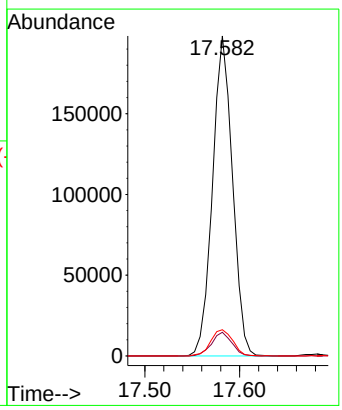


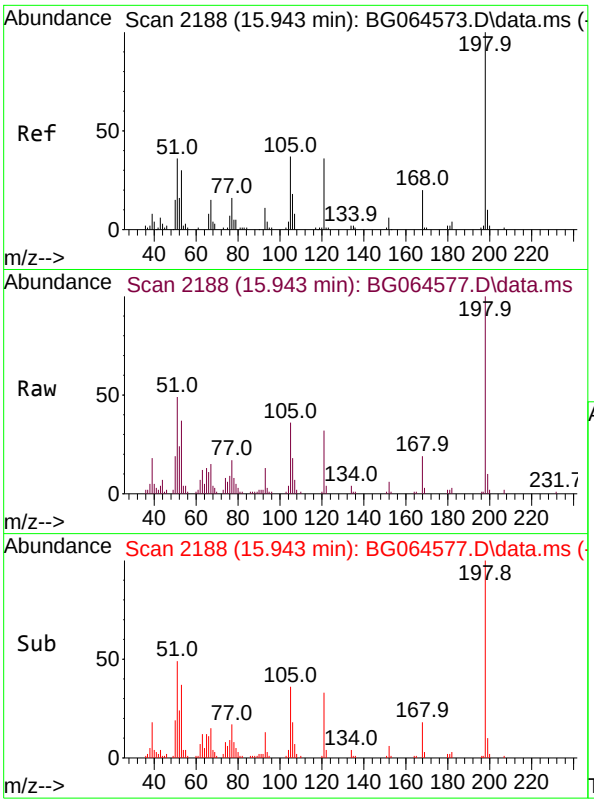


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.582 min Scan# 2467
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:188 Resp: 290051

Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.7	8.5
80	8.2	6.8	10.2



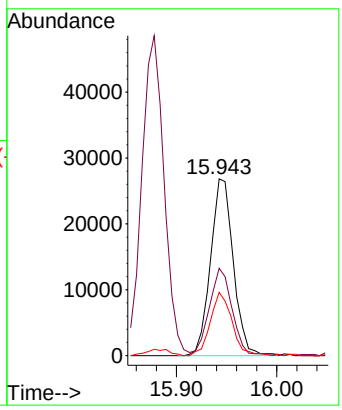


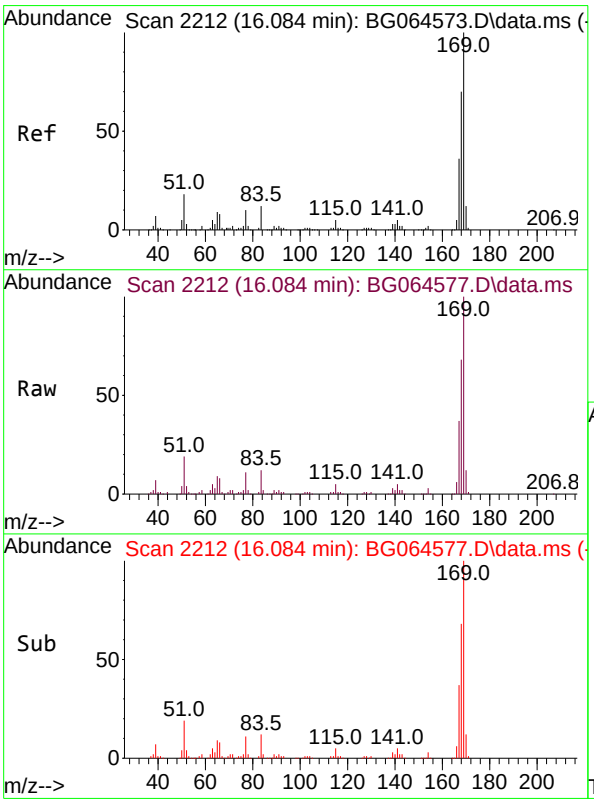
#65
4,6-Dinitro-2-methylphenol
Concen: 34.885 ng
RT: 15.943 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Tgt Ion:198 Resp: 42391

Ion	Ratio	Lower	Upper
198	100		
51	49.5	24.7	64.7
105	35.9	18.0	58.0

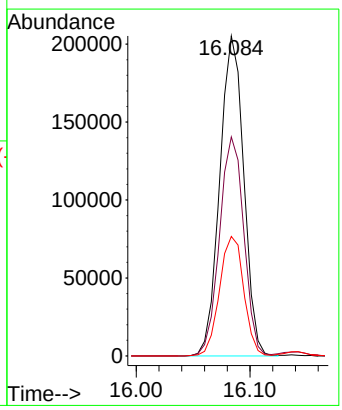


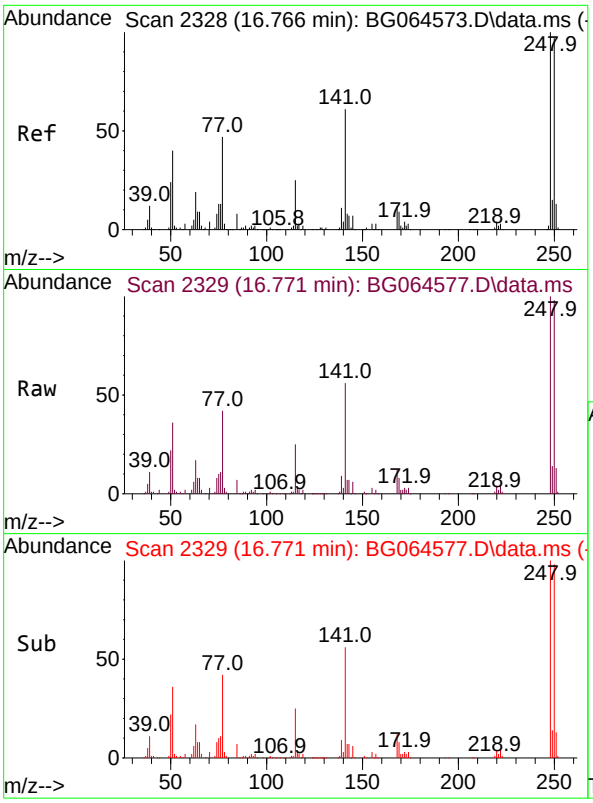


#66
n-Nitrosodiphenylamine
Concen: 38.325 ng
RT: 16.084 min Scan# 2212
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:169 Resp: 300274

Ion	Ratio	Lower	Upper
169	100		
168	68.4	56.3	84.5
167	37.3	29.0	43.6



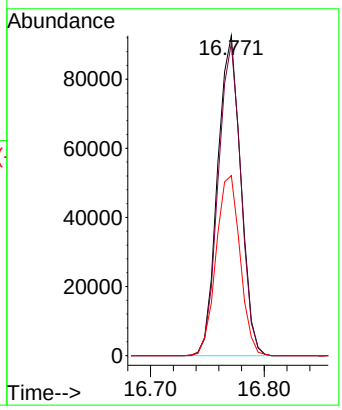


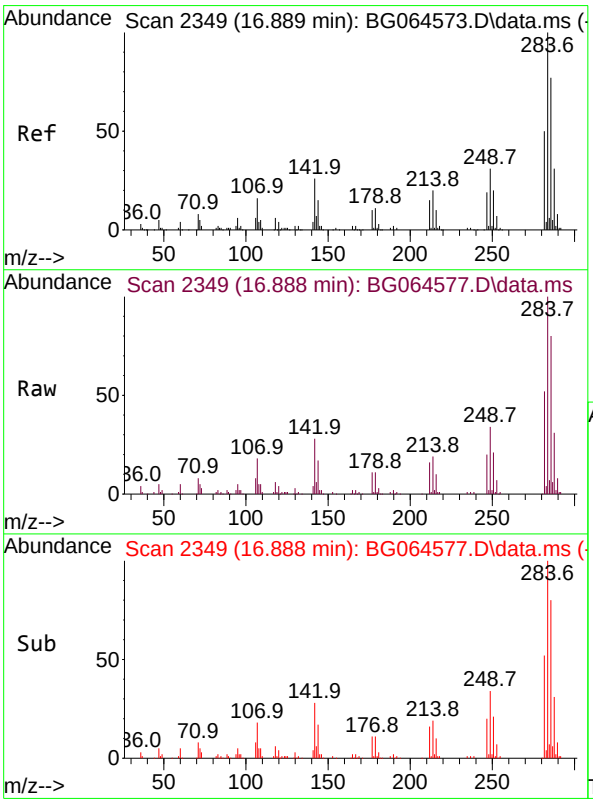
#67
4-Bromophenyl-phenylether
Concen: 38.044 ng
RT: 16.771 min Scan# 2
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Tgt Ion:248 Resp: 130765

Ion	Ratio	Lower	Upper
248	100		
250	97.6	77.7	116.5
141	56.3	48.6	72.8

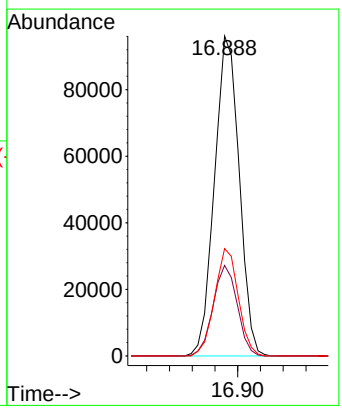


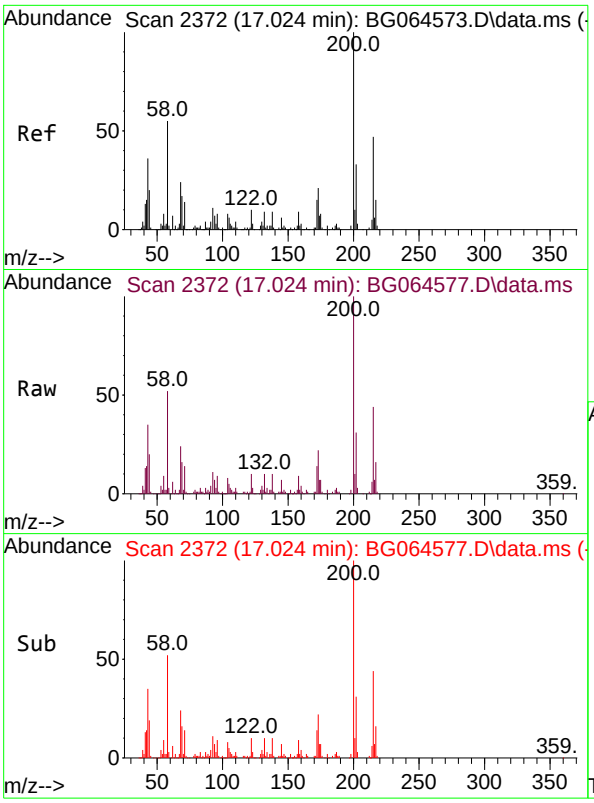


#68
Hexachlorobenzene
Concen: 36.971 ng
RT: 16.888 min Scan# 2349
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:284 Resp: 144974

Ion	Ratio	Lower	Upper
284	100		
142	28.3	21.0	31.6
249	33.5	24.9	37.3



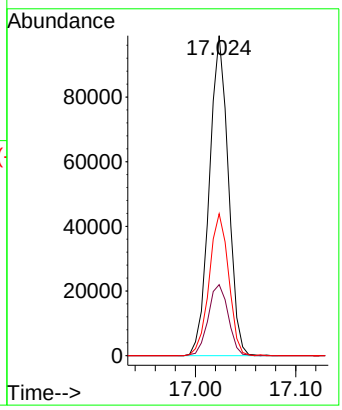


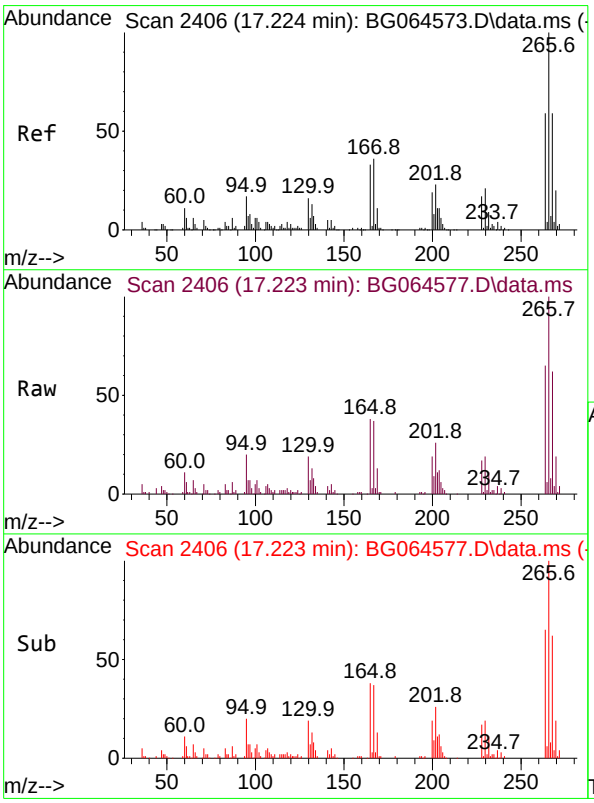
#69
Atrazine
Concen: 38.558 ng
RT: 17.024 min Scan# 2
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Tgt Ion:200 Resp: 130007

Ion	Ratio	Lower	Upper
200	100		
173	22.2	0.9	40.9
215	44.3	27.0	67.0

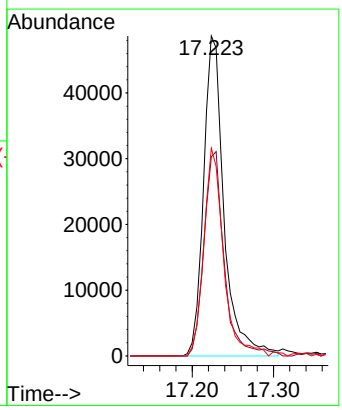


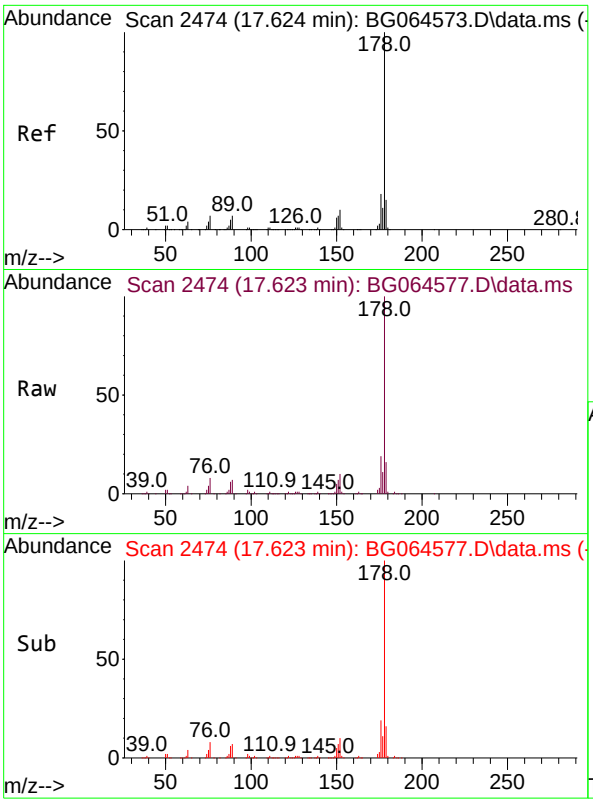


#70
Pentachlorophenol
Concen: 34.829 ng
RT: 17.223 min Scan# 2406
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:266 Resp: 85166

Ion	Ratio	Lower	Upper
266	100		
268	66.7	50.3	75.5
264	70.5	47.3	70.9



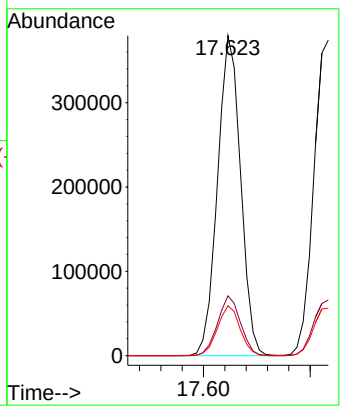


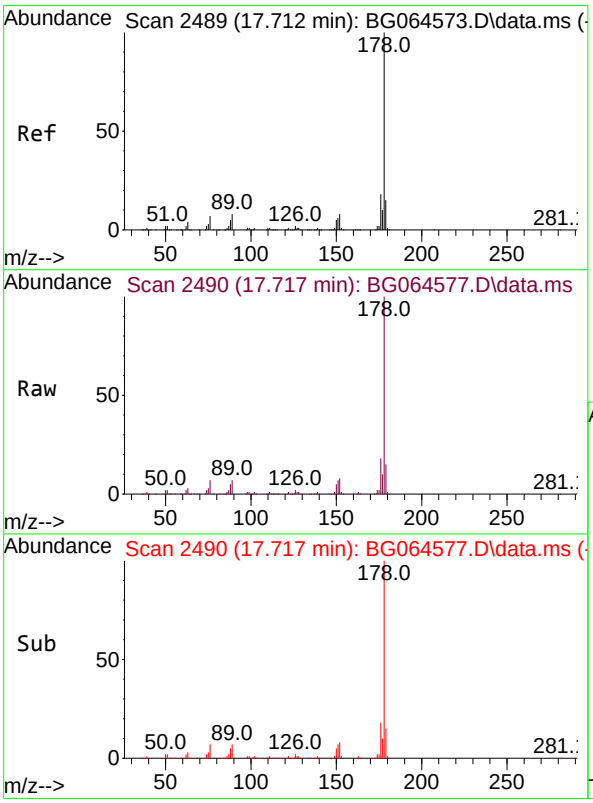
#71
Phenanthrene
Concen: 35.925 ng
RT: 17.623 min Scan# 24
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Tgt Ion:178 Resp: 569825

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.7	22.1
179	15.6	12.2	18.4

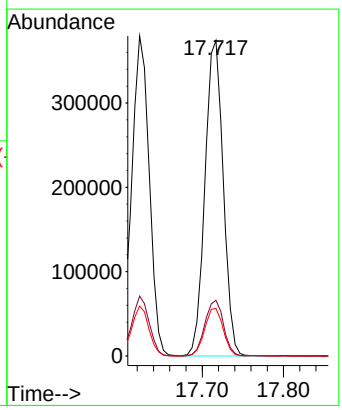


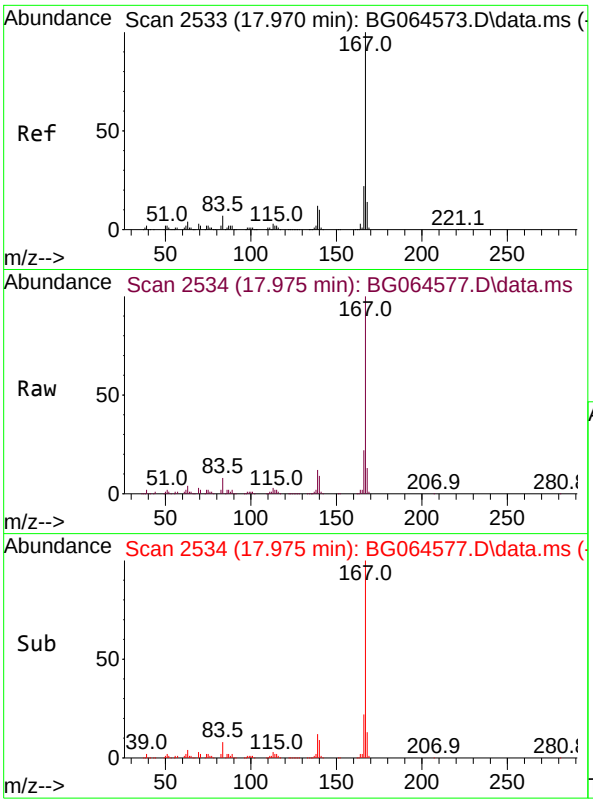


#72
Anthracene
Concen: 36.210 ng
RT: 17.717 min Scan# 2490
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:178 Resp: 584246

Ion	Ratio	Lower	Upper
178	100		
176	17.6	14.4	21.6
179	15.1	12.4	18.6



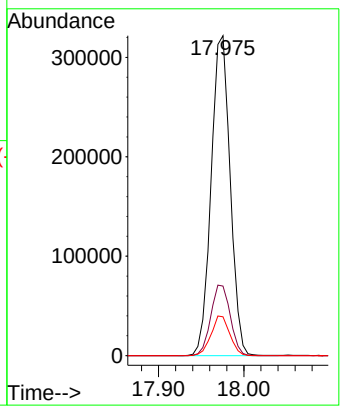


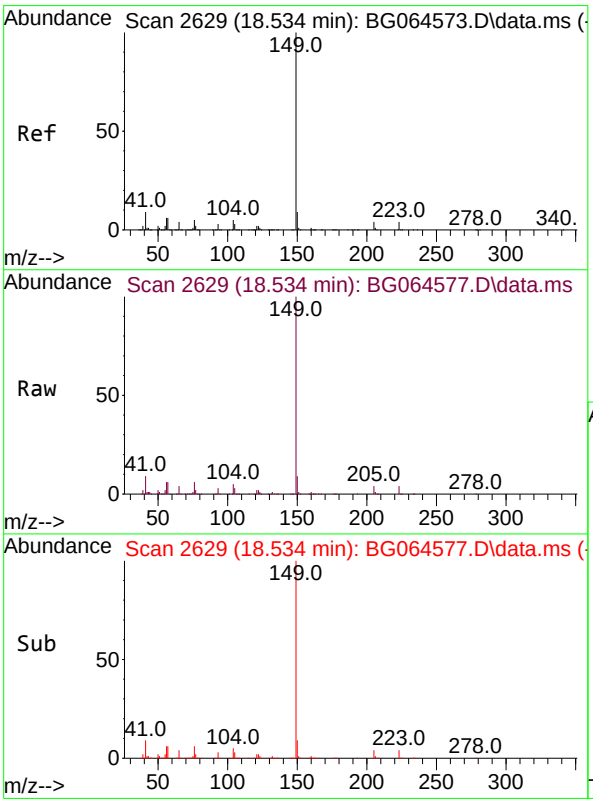
#73
Carbazole
Concen: 35.061 ng
RT: 17.975 min Scan# 2
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Tgt Ion:167 Resp: 498849

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.9	26.9
139	12.1	9.7	14.5

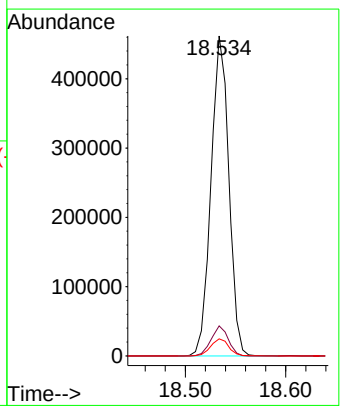


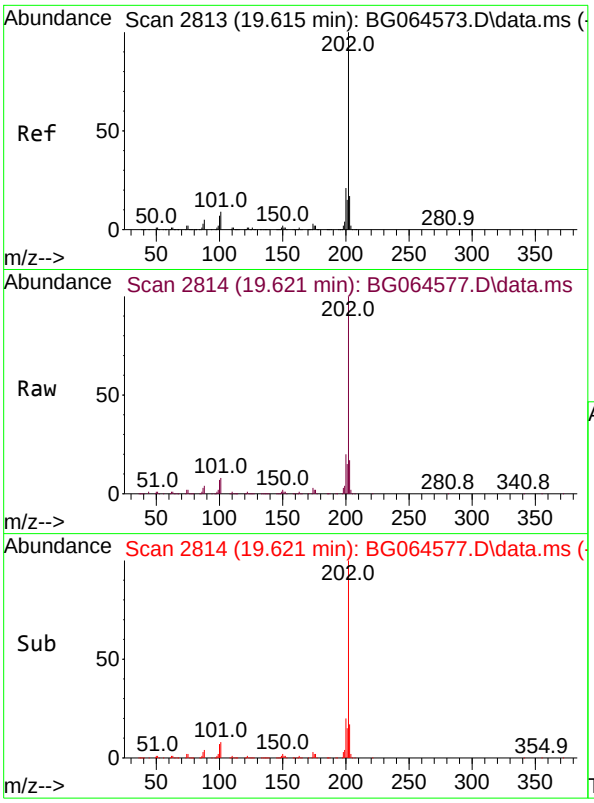


#74
Di-n-butylphthalate
Concen: 34.688 ng
RT: 18.534 min Scan# 2629
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:149 Resp: 570718

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.0	10.6
104	5.3	4.1	6.1



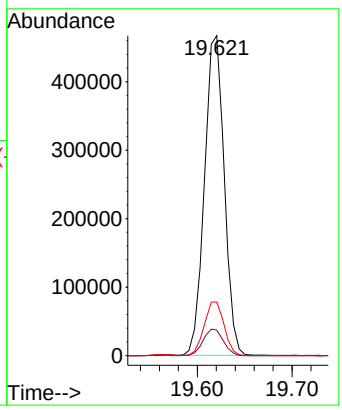


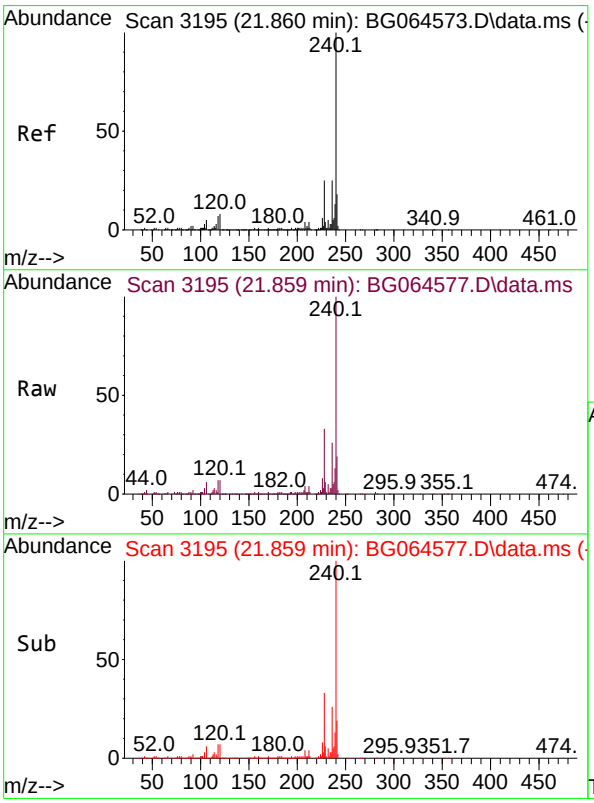
#75
Fluoranthene
Concen: 34.070 ng
RT: 19.621 min Scan# 2
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Tgt Ion:202 Resp: 676996

Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	28.7
203	16.7	0.0	37.0

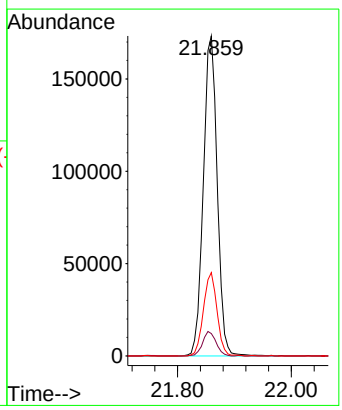


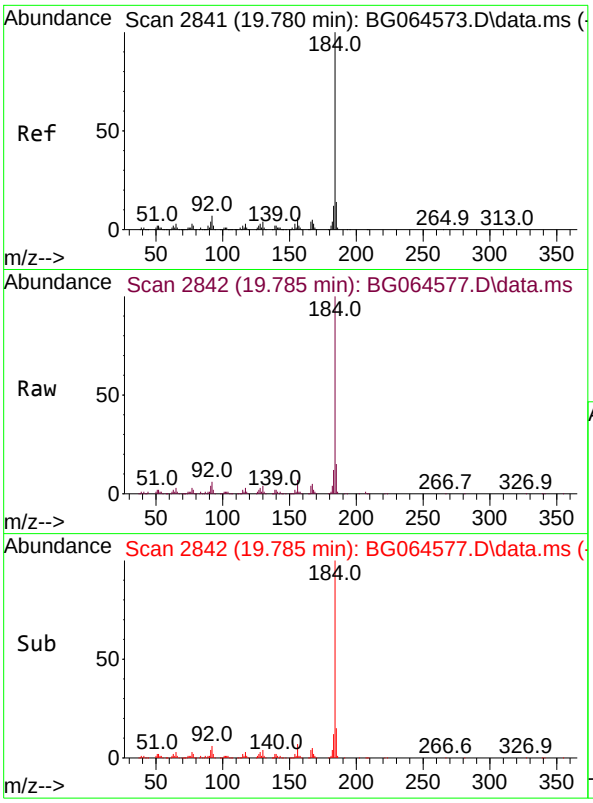


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.859 min Scan# 3195
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:240 Resp: 293608

Ion	Ratio	Lower	Upper
240	100		
120	7.0	6.5	9.7
236	26.0	20.2	30.2



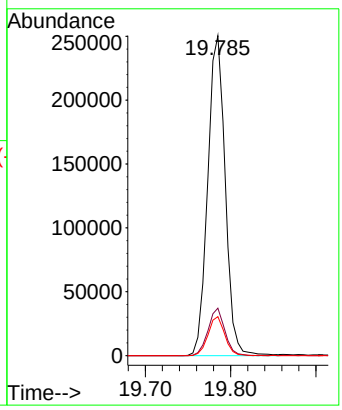


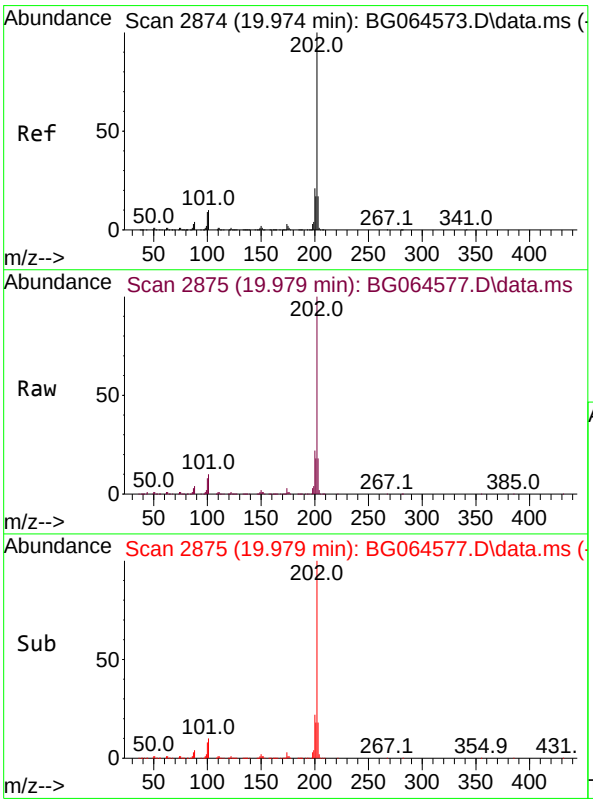
#77
Benzidine
Concen: 54.203 ng
RT: 19.785 min Scan# 2
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Tgt Ion:184 Resp: 356547

Ion	Ratio	Lower	Upper
184	100		
185	14.8	11.4	17.2
183	12.2	9.4	14.2

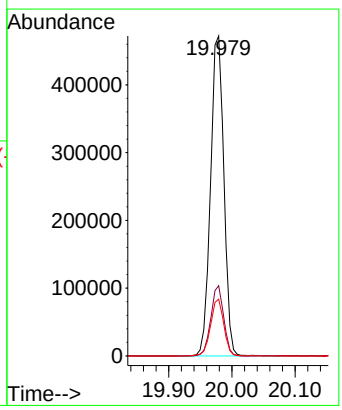


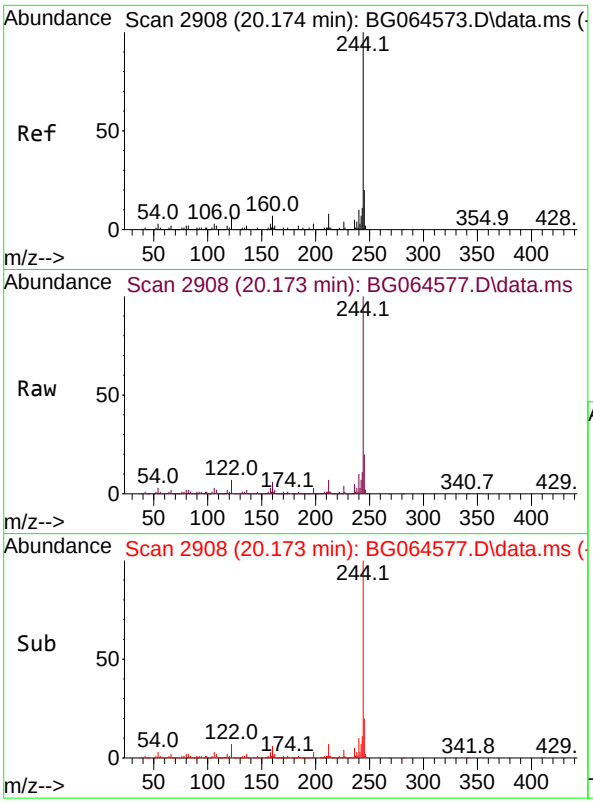


#78
Pyrene
Concen: 36.130 ng
RT: 19.979 min Scan# 2875
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:202 Resp: 693068

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.0	25.4
203	17.7	13.8	20.6



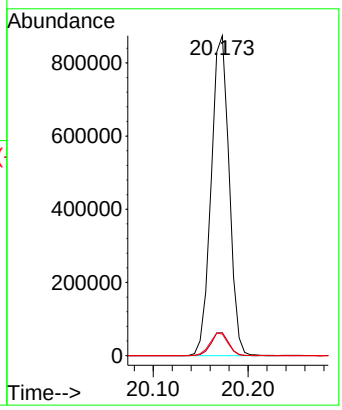


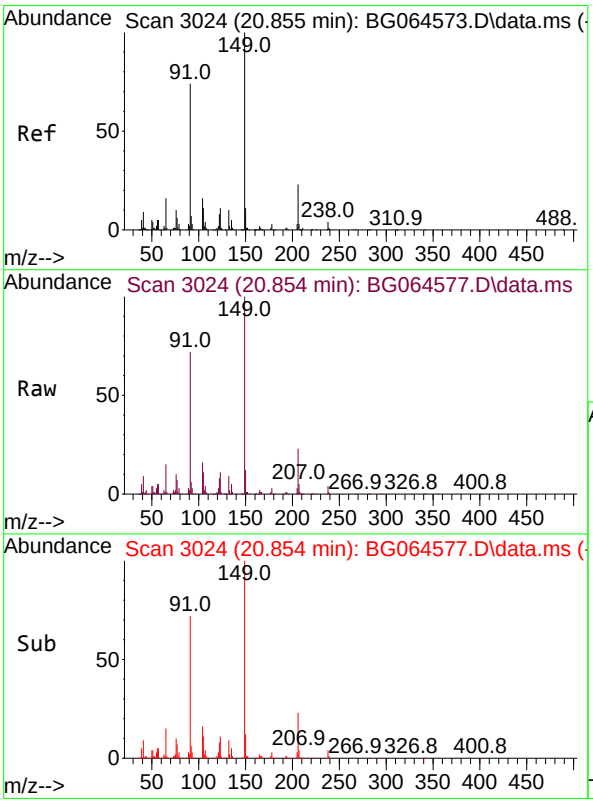
#79
Terphenyl-d14
Concen: 74.019 ng
RT: 20.173 min Scan# 29
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Tgt Ion:244 Resp: 1151597

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	6.7	5.6	8.4

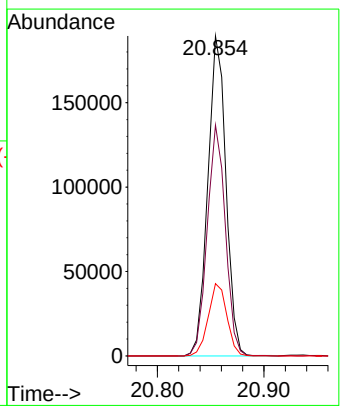


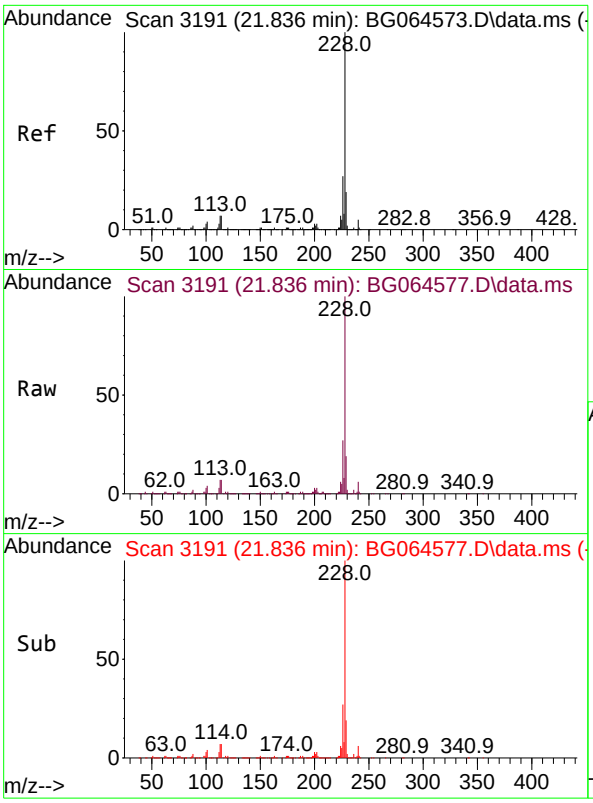


#80
Butylbenzylphthalate
Concen: 38.702 ng
RT: 20.854 min Scan# 3024
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:149 Resp: 224386

Ion	Ratio	Lower	Upper
149	100		
91	72.1	59.2	88.8
206	22.6	18.1	27.1



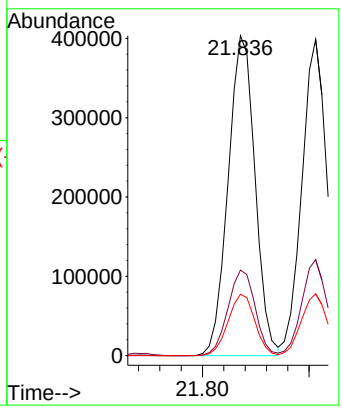


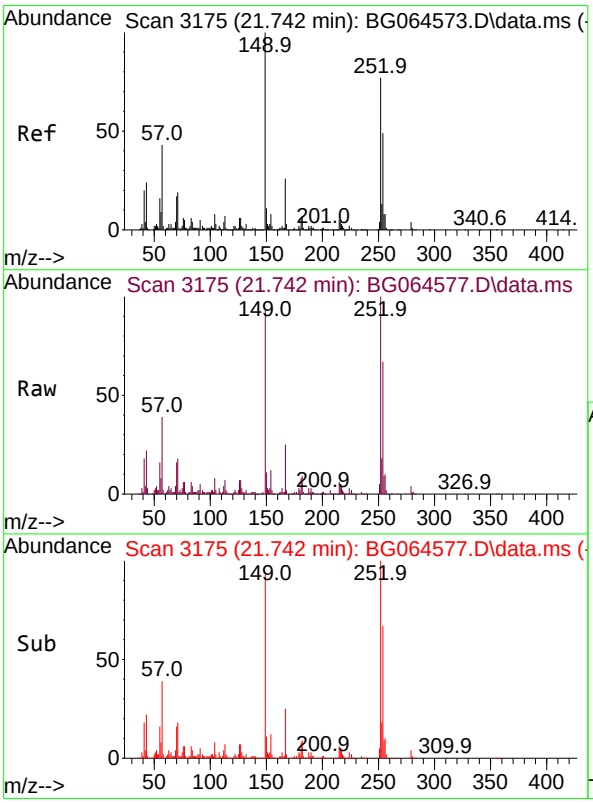
#81
Benzo(a)anthracene
Concen: 36.287 ng
RT: 21.836 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Tgt Ion:228 Resp: 706428

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.9	32.9
229	19.2	15.6	23.4

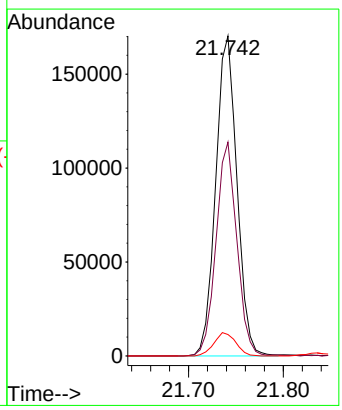


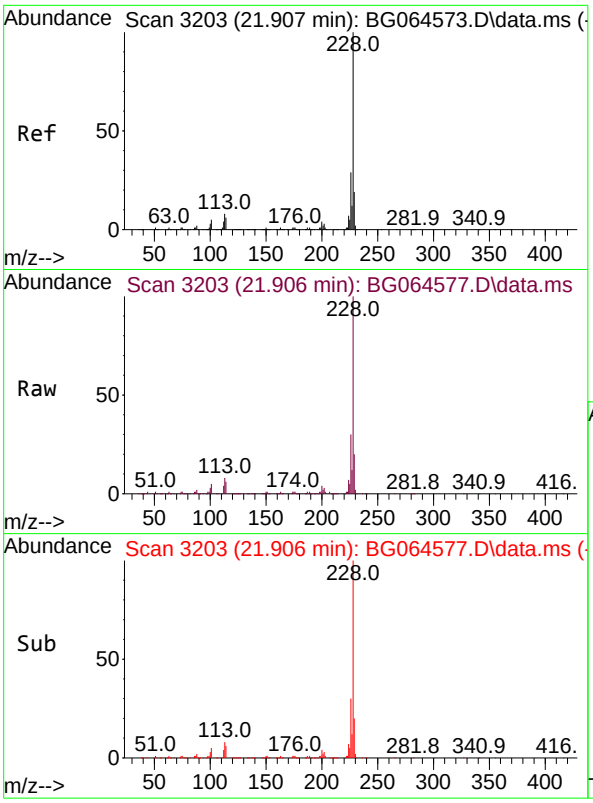


#82
3,3'-Dichlorobenzidine
Concen: 40.813 ng
RT: 21.742 min Scan# 3175
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:252 Resp: 265324

Ion	Ratio	Lower	Upper
252	100		
254	66.8	50.8	76.2
126	6.7	5.8	8.6



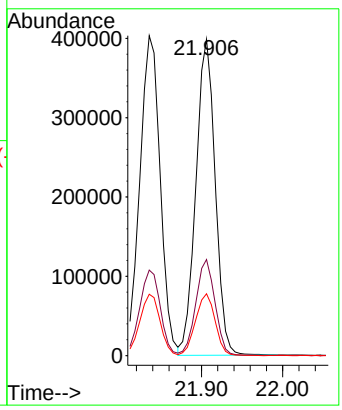


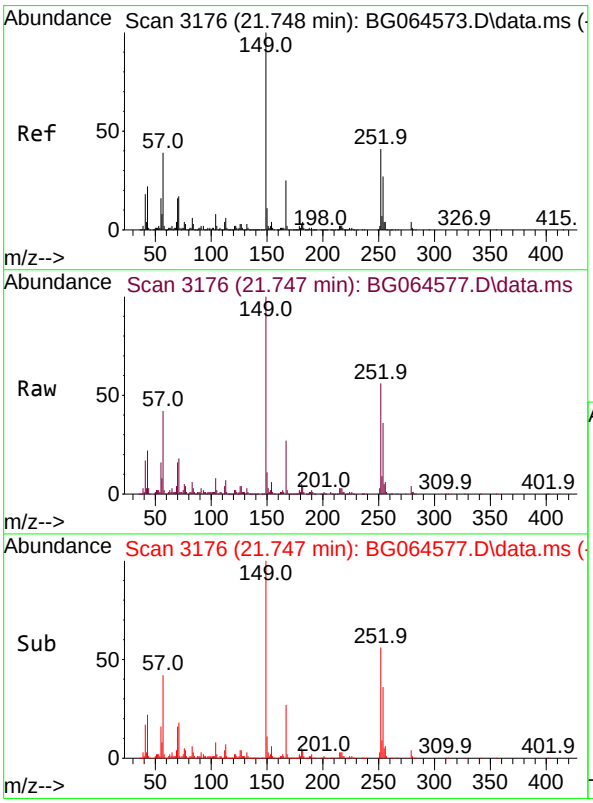
#83
Chrysene
Concen: 35.533 ng
RT: 21.906 min Scan# 3
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Tgt Ion:228 Resp: 658217

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.3	34.9
229	19.5	15.2	22.8

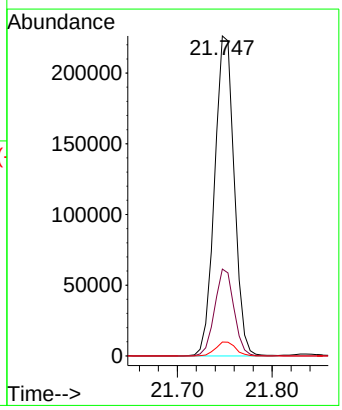


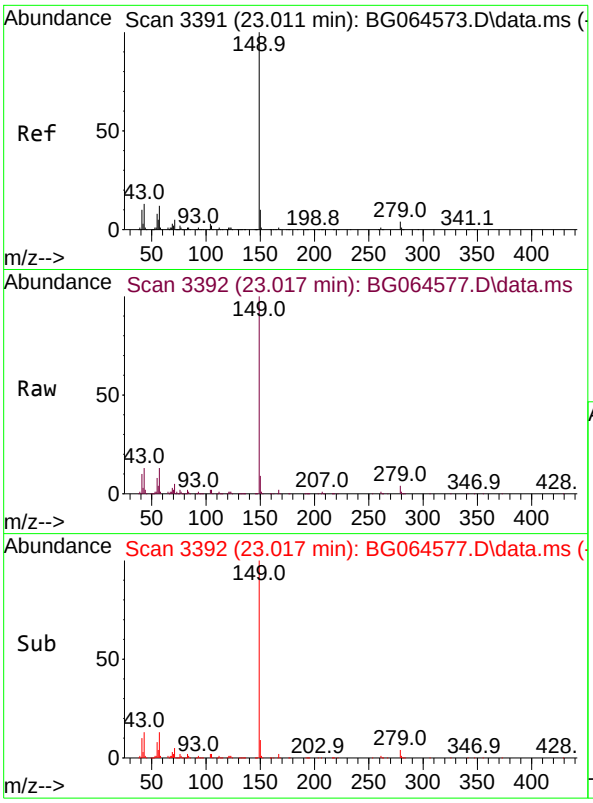


#84
Bis(2-ethylhexyl)phthalate
Concen: 37.470 ng
RT: 21.747 min Scan# 3176
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:149 Resp: 324614

Ion	Ratio	Lower	Upper
149	100		
167	27.1	20.0	30.0
279	4.3	3.1	4.7



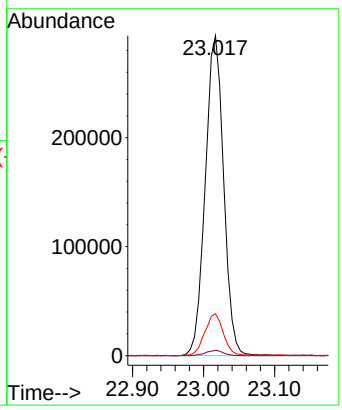


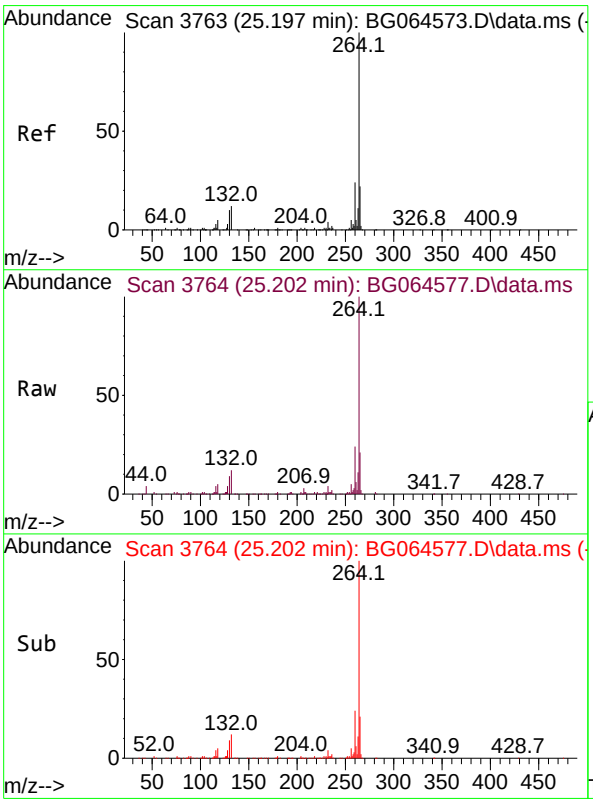
#85
Di-n-octyl phthalate
Concen: 36.087 ng
RT: 23.017 min Scan# 3
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Tgt Ion:149 Resp: 527097

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	13.3	10.8	16.2

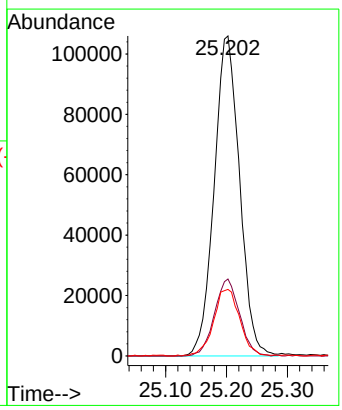


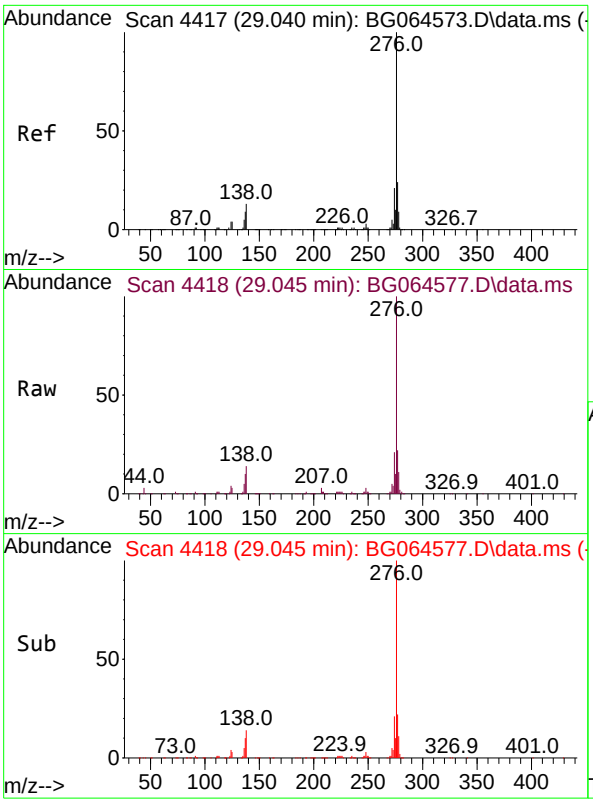


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.202 min Scan# 3764
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:264 Resp: 306886

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.4
265	20.8	17.6	26.4



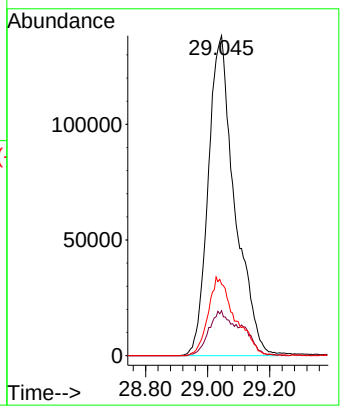


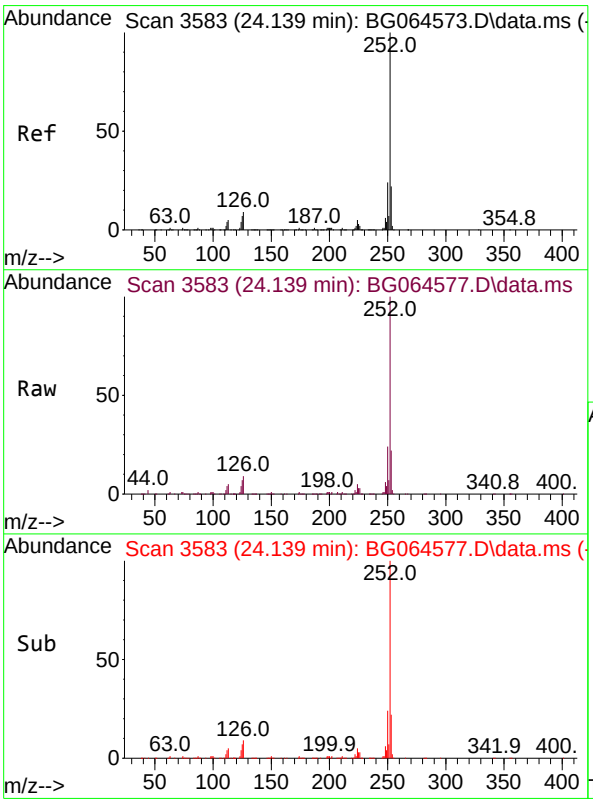
#87
Indeno(1,2,3-cd)pyrene
Concen: 36.366 ng
RT: 29.045 min Scan# 44
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Tgt Ion:276 Resp: 820974

Ion	Ratio	Lower	Upper
276	100		
138	12.6	10.8	16.2
277	25.0	20.1	30.1

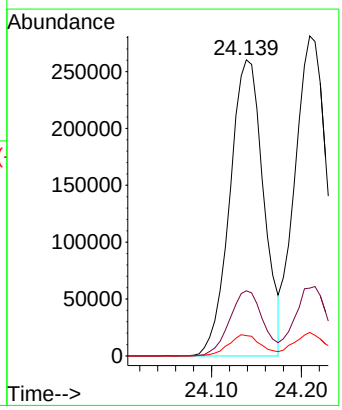


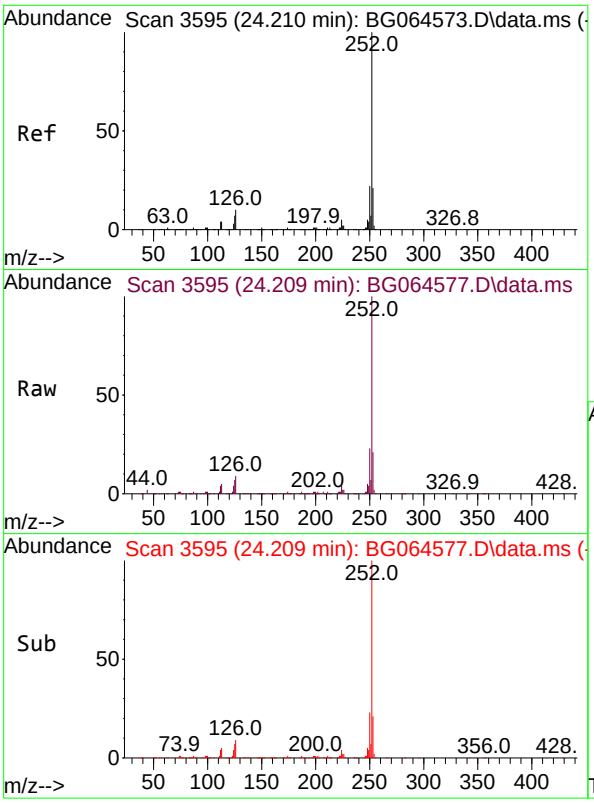


#88
Benzo(b)fluoranthene
Concen: 36.235 ng
RT: 24.139 min Scan# 3583
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:252 Resp: 681881

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	6.8	5.6	8.4



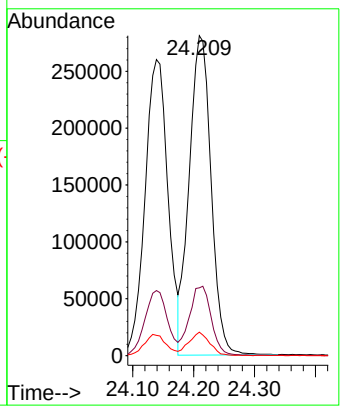


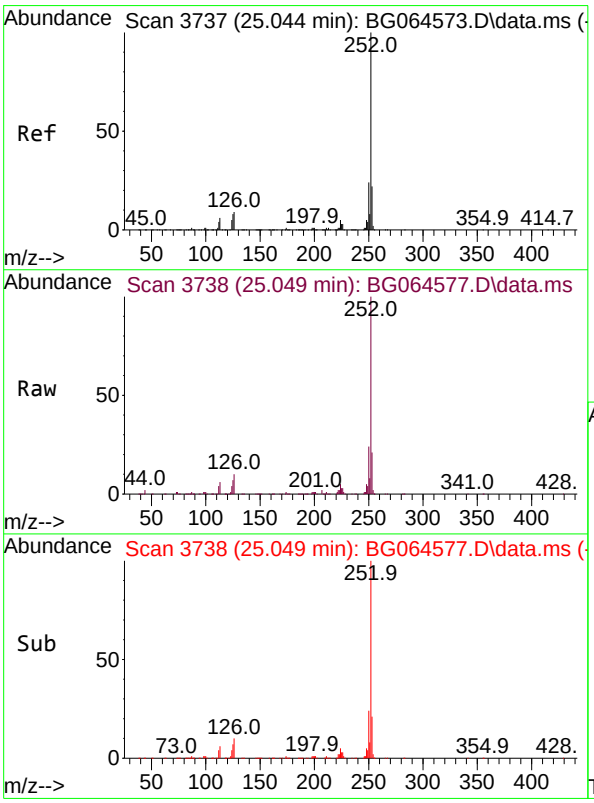
#89
Benzo(k)fluoranthene
Concen: 37.252 ng
RT: 24.209 min Scan# 3
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Tgt Ion:252 Resp: 701500

Ion	Ratio	Lower	Upper
252	100		
253	21.2	16.8	25.2
125	7.3	5.4	8.0

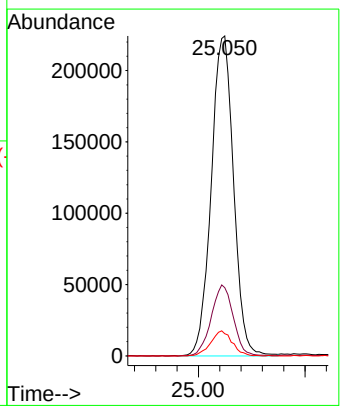


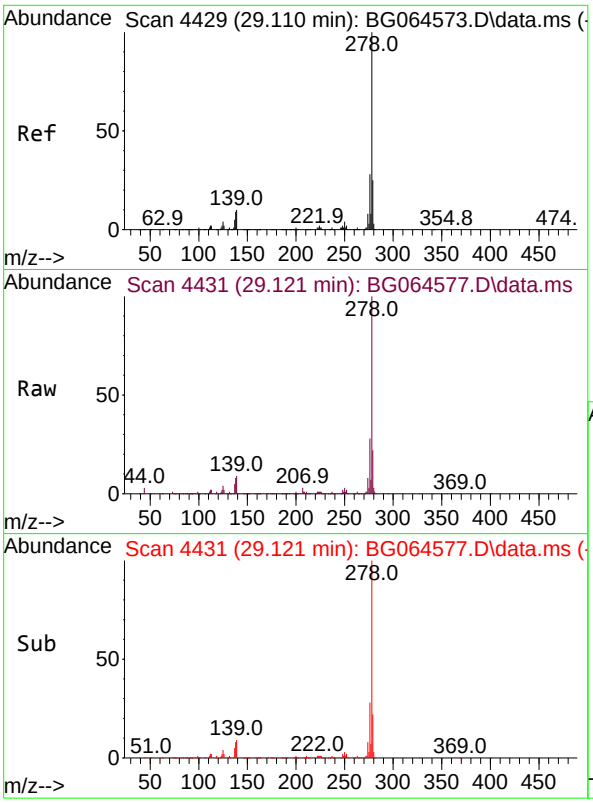


#90
Benzo(a)pyrene
Concen: 37.700 ng
RT: 25.049 min Scan# 3738
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:252 Resp: 652126

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.6	26.4
125	6.9	6.1	9.1



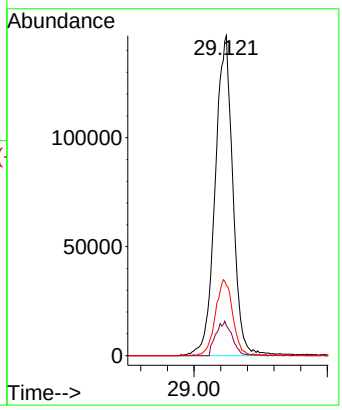


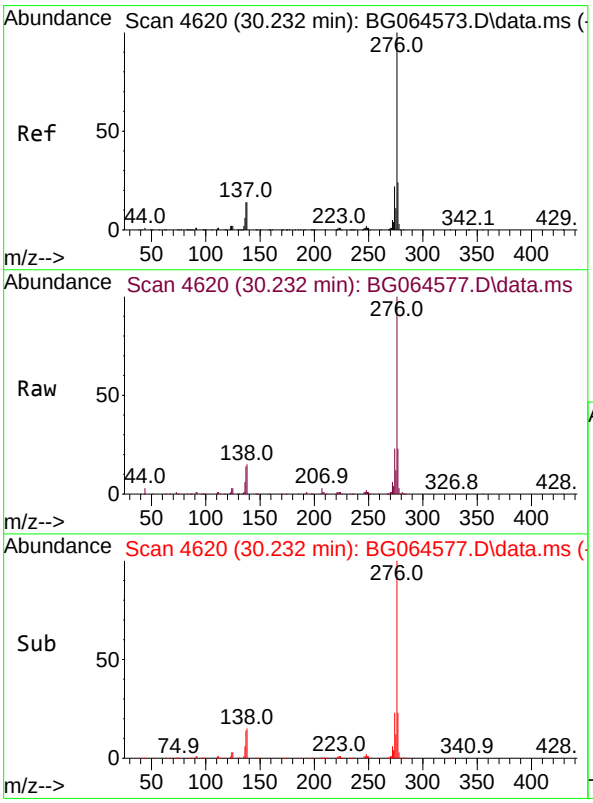
#91
Dibenzo(a,h)anthracene
Concen: 36.776 ng
RT: 29.121 min Scan# 44
Delta R.T. 0.011 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Tgt Ion:278 Resp: 674510

Ion	Ratio	Lower	Upper
278	100		
139	9.4	8.0	12.0
279	21.9	19.8	29.6

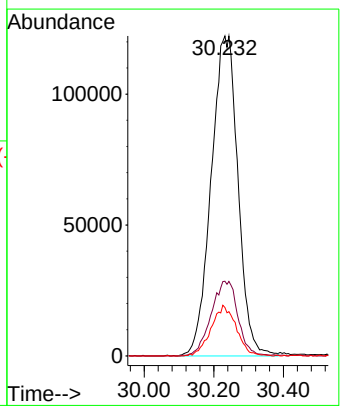




#92
Benzo(g,h,i)perylene
Concen: 37.302 ng
RT: 30.232 min Scan# 4620
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:276 Resp: 653564

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.1	28.7
138	15.1	11.3	16.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064577.D
Acq On : 24 Oct 2025 16:47
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Quant Time: Nov 04 00:39:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	93	0.00
2		1,4-Dioxane	0.528	0.446	15.5	79	0.00
3		Pyridine	1.584	1.319	16.7	73	0.00
4		n-Nitrosodimethylamine	0.850	0.765	10.0	79	0.00
5	S	2-Fluorophenol	1.192	1.051	11.8	75	0.00
6		Aniline	2.225	2.120	4.7	82	0.00
7	S	Phenol-d6	1.635	1.515	7.3	79	0.00
8		2-Chlorophenol	1.247	1.153	7.5	78	0.00
9		Benzaldehyde	0.893	1.136	-27.2#	112	0.00
10	C	Phenol	1.808	1.646	9.0	78	0.00
11		bis(2-Chloroethyl)ether	1.329	1.162	12.6	78	0.00
12		1,3-Dichlorobenzene	1.435	1.295	9.8	79	0.00
13	C	1,4-Dichlorobenzene	1.460	1.373	6.0	83	0.00
14		1,2-Dichlorobenzene	1.408	1.300	7.7	81	0.00
15		Benzyl Alcohol	1.348	1.281	5.0	83	0.00
16		2,2'-oxybis(1-Chloropropane	3.487	3.153	9.6	78	0.00
17		2-Methylphenol	1.201	1.155	3.8	84	0.00
18		Hexachloroethane	0.512	0.458	10.5	78	0.00
19	P	n-Nitroso-di-n-propylamine	1.130	1.118	1.1	84	0.00
20		3+4-Methylphenols	1.688	1.599	5.3	81	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	95	0.00
22		Acetophenone	0.547	0.517	5.5	84	0.00
23	S	Nitrobenzene-d5	0.333	0.319	4.2	81	0.00
24		Nitrobenzene	0.362	0.356	1.7	83	0.00
25		Isophorone	0.799	0.754	5.6	83	0.00
26	C	2-Nitrophenol	0.121	0.121	0.0	84	0.00
27		2,4-Dimethylphenol	0.297	0.301	-1.3	86	0.00
28		bis(2-Chloroethoxy)methane	0.455	0.420	7.7	82	0.00
29	C	2,4-Dichlorophenol	0.320	0.305	4.7	81	0.00
30		1,2,4-Trichlorobenzene	0.363	0.345	5.0	84	0.00
31		Naphthalene	1.109	0.990	10.7	80	0.00
32		Benzoic acid	0.207	0.153	26.1#	65	-0.01
33		4-Chloroaniline	0.431	0.445	-3.2	92	0.00
34	C	Hexachlorobutadiene	0.284	0.250	12.0	80	0.00
35		Caprolactam	0.123	0.111	9.8	79	0.00
36	C	4-Chloro-3-methylphenol	0.384	0.366	4.7	82	0.00
37		2-Methylnaphthalene	0.814	0.680	16.5	75	0.00
38		1-Methylnaphthalene	0.806	0.716	11.2	80	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	95	0.00
40		1,2,4,5-Tetrachlorobenzene	0.671	0.623	7.2	84	0.00
41	P	Hexachlorocyclopentadiene	0.302	0.383	-26.8#	112	0.00
42	S	2,4,6-Tribromophenol	0.289	0.271	6.2	81	0.00
43	C	2,4,6-Trichlorophenol	0.384	0.372	3.1	84	0.00
44		2,4,5-Trichlorophenol	0.443	0.412	7.0	81	0.00
45	S	2-Fluorobiphenyl	1.319	1.197	9.2	82	0.00
46		1,1'-Biphenyl	1.422	1.327	6.7	85	0.00
47		2-Chloronaphthalene	1.073	0.971	9.5	82	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064577.D
Acq On : 24 Oct 2025 16:47
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Quant Time: Nov 04 00:39:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.311	0.318	-2.3	87	0.00
49		Acenaphthylene	1.693	1.755	-3.7	93	0.00
50		Dimethylphthalate	1.530	1.411	7.8	82	0.00
51		2,6-Dinitrotoluene	0.218	0.249	-14.2	96	0.00
52	C	Acenaphthene	1.157	1.022	11.7	80	0.00
53		3-Nitroaniline	0.263	0.277	-5.3	89	0.00
54	P	2,4-Dinitrophenol	0.132	0.118	10.6	82	0.00
55		Dibenzofuran	1.870	1.687	9.8	82	0.00
56	P	4-Nitrophenol	0.244	0.206	15.6	75	0.00
57		2,4-Dinitrotoluene	0.340	0.343	-0.9	85	0.00
58		Fluorene	1.460	1.323	9.4	82	0.00
59		2,3,4,6-Tetrachlorophenol	0.424	0.429	-1.2	88	0.00
60		Diethylphthalate	1.563	1.405	10.1	81	0.00
61		4-Chlorophenyl-phenylether	0.820	0.736	10.2	81	0.00
62		4-Nitroaniline	0.293	0.277	5.5	81	0.00
63		Azobenzene	1.434	1.302	9.2	81	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	93	0.00
65		4,6-Dinitro-2-methylphenol	0.079	0.073	7.6	82	0.00
66	c	n-Nitrosodiphenylamine	0.540	0.518	4.1	82	0.00
67		4-Bromophenyl-phenylether	0.237	0.225	5.1	81	0.00
68		Hexachlorobenzene	0.270	0.250	7.4	79	0.00
69		Atrazine	0.232	0.224	3.4	85	0.00
70	C	Pentachlorophenol	0.169	0.147	13.0	76	0.00
71		Phenanthrene	1.094	0.982	10.2	78	0.00
72		Anthracene	1.113	1.007	9.5	79	0.00
73		Carbazole	0.981	0.860	12.3	77	0.00
74		Di-n-butylphthalate	1.134	0.984	13.2	73	0.00
75	C	Fluoranthene	1.370	1.167	14.8	75	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	88	0.00
77		Benzidine	0.448	0.607	-35.5#	109	0.00
78		Pyrene	1.307	1.180	9.7	74	0.00
79	S	Terphenyl-d14	1.060	0.981	7.5	76	0.00
80		Butylbenzylphthalate	0.395	0.382	3.3	75	0.00
81		Benzo(a)anthracene	1.326	1.203	9.3	75	0.00
82		3,3'-Dichlorobenzidine	0.443	0.452	-2.0	83	0.00
83		Chrysene	1.262	1.121	11.2	74	0.00
84		Bis(2-ethylhexyl)phthalate	0.590	0.553	6.3	73	0.00
85	c	Di-n-octyl phthalate	0.995	0.898	9.7	73	0.00
86	I	Perylene-d12	1.000	1.000	0.0	87	0.00
87		Indeno(1,2,3-cd)pyrene	1.471	1.338	9.0	75	0.00
88		Benzo(b)fluoranthene	1.226	1.111	9.4	74	0.00
89		Benzo(k)fluoranthene	1.227	1.143	6.8	78	0.00
90	C	Benzo(a)pyrene	1.127	1.062	5.8	77	0.00
91		Dibenzo(a,h)anthracene	1.195	1.099	8.0	76	0.01
92		Benzo(g,h,i)perylene	1.142	1.065	6.7	77	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064577.D
Acq On : 24 Oct 2025 16:47
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Quant Time: Nov 04 00:39:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064577.D
Acq On : 24 Oct 2025 16:47
Operator : RC/JU
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BNA_G
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	93	0.00
2		1,4-Dioxane	40.000	33.820	15.4	79	0.00
3		Pyridine	40.000	33.313	16.7	73	0.00
4		n-Nitrosodimethylamine	40.000	36.025	9.9	79	0.00
5	S	2-Fluorophenol	80.000	70.535	11.8	75	0.00
6		Aniline	40.000	38.118	4.7	82	0.00
7	S	Phenol-d6	80.000	74.109	7.4	79	0.00
8		2-Chlorophenol	40.000	36.981	7.5	78	0.00
9		Benzaldehyde	40.000	50.923	-27.3#	112	0.00
10	C	Phenol	40.000	36.410	9.0	78	0.00
11		bis(2-Chloroethyl)ether	40.000	34.973	12.6	78	0.00
12		1,3-Dichlorobenzene	40.000	36.085	9.8	79	0.00
13	C	1,4-Dichlorobenzene	40.000	37.634	5.9	83	0.00
14		1,2-Dichlorobenzene	40.000	36.924	7.7	81	0.00
15		Benzyl Alcohol	40.000	37.995	5.0	83	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	36.163	9.6	78	0.00
17		2-Methylphenol	40.000	38.466	3.8	84	0.00
18		Hexachloroethane	40.000	35.743	10.6	78	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	39.572	1.1	84	0.00
20		3+4-Methylphenols	40.000	37.882	5.3	81	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	95	0.00
22		Acetophenone	40.000	37.806	5.5	84	0.00
23	S	Nitrobenzene-d5	80.000	76.738	4.1	81	0.00
24		Nitrobenzene	40.000	39.305	1.7	83	0.00
25		Isophorone	40.000	37.733	5.7	83	0.00
26	C	2-Nitrophenol	40.000	35.498	11.3	84	0.00
27		2,4-Dimethylphenol	40.000	40.491	-1.2	86	0.00
28		bis(2-Chloroethoxy)methane	40.000	36.953	7.6	82	0.00
29	C	2,4-Dichlorophenol	40.000	38.190	4.5	81	0.00
30		1,2,4-Trichlorobenzene	40.000	37.945	5.1	84	0.00
31		Naphthalene	40.000	35.709	10.7	80	0.00
32		Benzoic acid	40.000	29.620	25.9#	65	-0.01
33		4-Chloroaniline	40.000	41.287	-3.2	92	0.00
34	C	Hexachlorobutadiene	40.000	35.242	11.9	80	0.00
35		Caprolactam	40.000	36.326	9.2	79	0.00
36	C	4-Chloro-3-methylphenol	40.000	38.049	4.9	82	0.00
37		2-Methylnaphthalene	40.000	33.388	16.5	75	0.00
38		1-Methylnaphthalene	40.000	35.513	11.2	80	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	95	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	37.146	7.1	84	0.00
41	P	Hexachlorocyclopentadiene	40.000	50.669	-26.7#	112	0.00
42	S	2,4,6-Tribromophenol	80.000	75.074	6.2	81	0.00
43	C	2,4,6-Trichlorophenol	40.000	38.726	3.2	84	0.00
44		2,4,5-Trichlorophenol	40.000	37.228	6.9	81	0.00
45	S	2-Fluorobiphenyl	80.000	72.599	9.3	82	0.00
46		1,1'-Biphenyl	40.000	37.331	6.7	85	0.00
47		2-Chloronaphthalene	40.000	36.205	9.5	82	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064577.D
Acq On : 24 Oct 2025 16:47
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Quant Time: Nov 04 00:39:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	36.129	9.7	87	0.00
49		Acenaphthylene	40.000	41.457	-3.6	93	0.00
50		Dimethylphthalate	40.000	36.890	7.8	82	0.00
51		2,6-Dinitrotoluene	40.000	39.971	0.1	96	0.00
52	C	Acenaphthene	40.000	35.340	11.6	80	0.00
53		3-Nitroaniline	40.000	42.080	-5.2	89	0.00
54	P	2,4-Dinitrophenol	40.000	33.991	15.0	82	0.00
55		Dibenzofuran	40.000	36.096	9.8	82	0.00
56	P	4-Nitrophenol	40.000	33.818	15.5	75	0.00
57		2,4-Dinitrotoluene	40.000	35.957	10.1	85	0.00
58		Fluorene	40.000	36.238	9.4	82	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	40.525	-1.3	88	0.00
60		Diethylphthalate	40.000	35.961	10.1	81	0.00
61		4-Chlorophenyl-phenylether	40.000	35.902	10.2	81	0.00
62		4-Nitroaniline	40.000	37.867	5.3	81	0.00
63		Azobenzene	40.000	36.325	9.2	81	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	93	0.00
65		4,6-Dinitro-2-methylphenol	40.000	34.885	12.8	82	0.00
66	c	n-Nitrosodiphenylamine	40.000	38.325	4.2	82	0.00
67		4-Bromophenyl-phenylether	40.000	38.044	4.9	81	0.00
68		Hexachlorobenzene	40.000	36.971	7.6	79	0.00
69		Atrazine	40.000	38.558	3.6	85	0.00
70	C	Pentachlorophenol	40.000	34.829	12.9	76	0.00
71		Phenanthrene	40.000	35.925	10.2	78	0.00
72		Anthracene	40.000	36.210	9.5	79	0.00
73		Carbazole	40.000	35.061	12.3	77	0.00
74		Di-n-butylphthalate	40.000	34.688	13.3	73	0.00
75	C	Fluoranthene	40.000	34.070	14.8	75	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	88	0.00
77		Benzidine	40.000	54.203	-35.5#	109	0.00
78		Pyrene	40.000	36.130	9.7	74	0.00
79	S	Terphenyl-d14	80.000	74.019	7.5	76	0.00
80		Butylbenzylphthalate	40.000	38.702	3.2	75	0.00
81		Benzo(a)anthracene	40.000	36.287	9.3	75	0.00
82		3,3'-Dichlorobenzidine	40.000	40.813	-2.0	83	0.00
83		Chrysene	40.000	35.533	11.2	74	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	37.470	6.3	73	0.00
85	c	Di-n-octyl phthalate	40.000	36.087	9.8	73	0.00
86	I	Perylene-d12	20.000	20.000	0.0	87	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	36.366	9.1	75	0.00
88		Benzo(b)fluoranthene	40.000	36.235	9.4	74	0.00
89		Benzo(k)fluoranthene	40.000	37.252	6.9	78	0.00
90	C	Benzo(a)pyrene	40.000	37.700	5.7	77	0.00
91		Dibenzo(a,h)anthracene	40.000	36.776	8.1	76	0.01
92		Benzo(g,h,i)perylene	40.000	37.302	6.7	77	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064577.D
Acq On : 24 Oct 2025 16:47
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Quant Time: Nov 04 00:39:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG No.: Q3399

Instrument ID: BNA_G Calibration Date/Time: 11/03/2025 14:35

Lab File ID: BG064672.D Init. Calib. Date(s): 10/24/2025 10/24/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:00 15:32

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.192	1.179		-1.1	
Benzaldehyde	0.893	0.823		-7.8	
Phenol-d6	1.635	1.619		-1.0	
Phenol	1.808	1.736		-4.0	20.0
bis(2-Chloroethyl)ether	1.329	1.260		-5.2	
2-Chlorophenol	1.247	1.336		7.1	
2-Methylphenol	1.201	1.202		0.1	
2,2-oxybis(1-Chloropropane)	3.487	3.429		-1.7	
Acetophenone	0.547	0.551		0.7	
3+4-Methylphenols	1.688	1.601		-5.2	
n-Nitroso-di-n-propylamine	1.130	1.137	0.050	0.6	
Nitrobenzene-d5	0.333	0.403		21.0	
Hexachloroethane	0.512	0.537		4.9	
Nitrobenzene	0.362	0.421		16.3	
Isophorone	0.799	0.796		-0.4	
2-Nitrophenol	0.121	0.170		40.5	20.0
2,4-Dimethylphenol	0.297	0.307		3.4	
bis(2-Chloroethoxy)methane	0.455	0.446		-2.0	
2,4-Dichlorophenol	0.320	0.345		7.8	20.0
Naphthalene	1.109	1.156		4.2	
4-Chloroaniline	0.431	0.428		-0.7	
Hexachlorobutadiene	0.284	0.314		10.6	20.0
Caprolactam	0.123	0.112		-8.9	
4-Chloro-3-methylphenol	0.384	0.406		5.7	20.0
2-Methylnaphthalene	0.814	0.866		6.4	
Hexachlorocyclopentadiene	0.302	0.364	0.050	20.5	
2,4,6-Trichlorophenol	0.384	0.447		16.4	20.0
2-Fluorobiphenyl	1.319	1.400		6.1	
2,4,5-Trichlorophenol	0.443	0.492		11.1	
1,1-Biphenyl	1.422	1.477		3.9	
2-Chloronaphthalene	1.073	1.143		6.5	
2-Nitroaniline	0.311	0.391		25.7	
Dimethylphthalate	1.530	1.584		3.5	
Acenaphthylene	1.693	1.776		4.9	
2,6-Dinitrotoluene	0.218	0.279		28.0	
3-Nitroaniline	0.263	0.317		20.5	
Acenaphthene	1.157	1.235		6.7	20.0
2,4-Dinitrophenol	0.132	0.171	0.050	29.5	
4-Nitrophenol	0.244	0.243	0.050	-0.4	

Form VII SV-1

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG No.: Q3399

Instrument ID: BNA_G Calibration Date/Time: 11/03/2025 14:35

Lab File ID: BG064672.D Init. Calib. Date(s): 10/24/2025 10/24/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:00 15:32

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.870	1.929		3.2	
2,4-Dinitrotoluene	0.340	0.451		32.6	
Diethylphthalate	1.563	1.594		2.0	
4-Chlorophenyl-phenylether	0.820	0.875		6.7	
Fluorene	1.460	1.503		2.9	
4-Nitroaniline	0.293	0.341		16.4	
4,6-Dinitro-2-methylphenol	0.079	0.112		41.8	
n-Nitrosodiphenylamine	0.540	0.566		4.8	20.0
2,4,6-Tribromophenol	0.289	0.342		18.3	
4-Bromophenyl-phenylether	0.237	0.258		8.9	
Hexachlorobenzene	0.270	0.299		10.7	
Atrazine	0.232	0.242		4.3	
Pentachlorophenol	0.169	0.195		15.4	20.0
Phenanthrene	1.094	1.153		5.4	
Anthracene	1.113	1.163		4.5	
Carbazole	0.981	1.031		5.1	
Di-n-butylphthalate	1.135	1.221		7.6	
Fluoranthene	1.370	1.482		8.2	20.0
Pyrene	1.307	1.325		1.4	
Terphenyl-d14	1.060	1.116		5.3	
Butylbenzylphthalate	0.395	0.457		15.7	
3,3-Dichlorobenzidine	0.443	0.488		10.2	
Benzo(a)anthracene	1.326	1.414		6.6	
Chrysene	1.262	1.320		4.6	
Bis(2-ethylhexyl)phthalate	0.590	0.658		11.5	
Di-n-octyl phthalate	0.995	1.119		12.5	20.0
Benzo(b)fluoranthene	1.226	1.306		6.5	
Benzo(k)fluoranthene	1.227	1.268		3.3	
Benzo(a)pyrene	1.127	1.180		4.7	20.0
Indeno(1,2,3-cd)pyrene	1.471	1.544		5.0	
Dibenzo(a,h)anthracene	1.195	1.258		5.3	
Benzo(g,h,i)perylene	1.142	1.186		3.9	
1,2,4,5-Tetrachlorobenzene	0.671	0.718		7.0	
1,4-Dioxane	0.528	0.465		-11.9	20.0
2,3,4,6-Tetrachlorophenol	0.424	0.498		17.5	

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064672.D
Acq On : 3 Nov 2025 14:35
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 04 00:36:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.207	152	31906	20.000	ng		-0.02
21) Naphthalene-d8	11.039	136	126610	20.000	ng		-0.01
39) Acenaphthene-d10	14.834	164	99069	20.000	ng		-0.01
64) Phenanthrene-d10	17.572	188	239125	20.000	ng		-0.01
76) Chrysene-d12	21.850	240	279624	20.000	ng		#-0.01
86) Perylene-d12	25.187	264	296512	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.745	112	150502	79.175	ng		0.00
7) Phenol-d6	7.349	99	206632	79.218	ng		0.00
23) Nitrobenzene-d5	9.376	82	203853	96.706	ng		-0.01
42) 2,4,6-Tribromophenol	16.315	330	135357	94.664	ng		0.00
45) 2-Fluorobiphenyl	13.460	172	554808	84.885	ng		-0.02
79) Terphenyl-d14	20.163	244	1248220	84.242	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.577	88	29669	35.254	ng		97
3) Pyridine	3.994	79	86582	34.259	ng		96
4) n-Nitrosodimethylamine	3.894	42	49934	36.844	ng		91
6) Aniline	7.519	93	133395	37.583	ng		97
8) 2-Chlorophenol	7.772	128	85239	42.842	ng		95
9) Benzaldehyde	7.337	77	52532	36.890	ng		94
10) Phenol	7.378	94	110747	38.392	ng		95
11) bis(2-Chloroethyl)ether	7.613	93	80398	37.908	ng		96
12) 1,3-Dichlorobenzene	8.101	146	93398	40.785	ng		99
13) 1,4-Dichlorobenzene	8.248	146	96208	41.318	ng		93
14) 1,2-Dichlorobenzene	8.571	146	89654	39.919	ng		95
15) Benzyl Alcohol	8.442	79	86133	40.045	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.730	45	218798	39.329	ng		99
17) 2-Methylphenol	8.642	107	76719	40.057	ng		94
18) Hexachloroethane	9.311	117	34298	41.974	ng		94
19) n-Nitroso-di-n-propyla...	9.018	70	72526	40.233	ng		98
20) 3+4-Methylphenols	8.971	107	102186	37.939	ng		97
22) Acetophenone	9.035	105	139475	40.299	ng		99
24) Nitrobenzene	9.417	77	106572	46.482	ng		98
25) Isophorone	9.952	82	201448	39.826	ng		98
26) 2-Nitrophenol	10.134	139	43169	48.747	ng	#	91
27) 2,4-Dimethylphenol	10.187	122	77748	41.322	ng		95
28) bis(2-Chloroethoxy)met...	10.422	93	112890	39.199	ng		97
29) 2,4-Dichlorophenol	10.675	162	87240	43.085	ng		98
30) 1,2,4-Trichlorobenzene	10.892	180	96502	41.946	ng		96
31) Naphthalene	11.086	128	292620	41.686	ng		98
32) Benzoic acid	10.293	122	58136m	41.507	ng		
33) 4-Chloroaniline	11.180	127	108356	39.714	ng		99
34) Hexachlorobutadiene	11.380	225	79438	44.151	ng		97
35) Caprolactam	11.950	113	28274	36.407	ng	#	93
36) 4-Chloro-3-methylphenol	12.290	107	102839	42.253	ng		99
37) 2-Methylnaphthalene	12.678	142	219278	42.547	ng		96
38) 1-Methylnaphthalene	12.895	142	214494	42.041	ng		96
40) 1,2,4,5-Tetrachloroben...	13.042	216	142325	42.807	ng		100
41) Hexachlorocyclopentadiene	13.025	237	72036	48.136	ng		97
43) 2,4,6-Trichlorophenol	13.271	196	88543	46.557	ng		100

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064672.D
Acq On : 3 Nov 2025 14:35
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 04 00:36:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.342	196	97521	44.435	ng		98
46)	1,1'-Biphenyl	13.671	154	292646	41.551	ng		98
47)	2-Chloronaphthalene	13.718	162	226377	42.581	ng		98
48)	2-Nitroaniline	13.906	65	77449	43.704	ng		94
49)	Acenaphthylene	14.558	152	351856	41.959	ng		98
50)	Dimethylphthalate	14.276	163	313912	41.409	ng		99
51)	2,6-Dinitrotoluene	14.394	165	55358	44.506	ng		99
52)	Acenaphthene	14.899	154	244659	42.704	ng		98
53)	3-Nitroaniline	14.723	138	62899	48.280	ng		93
54)	2,4-Dinitrophenol	14.922	184	33925	46.693	ng	#	47
55)	Dibenzofuran	15.228	168	382299	41.274	ng		96
56)	4-Nitrophenol	15.011	139	48108	39.829	ng		93
57)	2,4-Dinitrotoluene	15.175	165	89273	46.277	ng		99
58)	Fluorene	15.874	166	297866	41.178	ng		97
59)	2,3,4,6-Tetrachlorophenol	15.451	232	98694	47.027	ng		98
60)	Diethylphthalate	15.633	149	315813	40.801	ng		99
61)	4-Chlorophenyl-phenyle...	15.863	204	173330	42.698	ng		98
62)	4-Nitroaniline	15.880	138	67624	46.657	ng		91
63)	Azobenzene	16.156	77	283949	39.981	ng		99
65)	4,6-Dinitro-2-methylph...	15.939	198	53789	50.767	ng		95
66)	n-Nitrosodiphenylamine	16.074	169	270553	41.885	ng		99
67)	4-Bromophenyl-phenylether	16.756	248	123236	43.489	ng		98
68)	Hexachlorobenzene	16.879	284	142836	44.183	ng		94
69)	Atrazine	17.014	200	115628	41.597	ng		98
70)	Pentachlorophenol	17.214	266	93212	46.238	ng		96
71)	Phenanthrene	17.613	178	551558	42.178	ng		100
72)	Anthracene	17.707	178	556268	41.818	ng		100
73)	Carbazole	17.966	167	493303	42.055	ng		98
74)	Di-n-butylphthalate	18.518	149	584049	43.058	ng		99
75)	Fluoranthene	19.611	202	708849	43.270	ng		98
77)	Benzidine	19.776	184	255343	40.759	ng		99
78)	Pyrene	19.970	202	740926	40.556	ng		99
80)	Butylbenzylphthalate	20.845	149	255451	46.264	ng		96
81)	Benzo(a)anthracene	21.826	228	790852	42.655	ng		99
82)	3,3'-Dichlorobenzidine	21.732	252	273071	44.105	ng		100
83)	Chrysene	21.897	228	738048	41.835	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.732	149	368117	44.617	ng		100
85)	Di-n-octyl phthalate	22.984	149	625946	44.998	ng		99
87)	Indeno(1,2,3-cd)pyrene	29.018	276	915587	41.975	ng		98
88)	Benzo(b)fluoranthene	24.123	252	774349	42.589	ng		98
89)	Benzo(k)fluoranthene	24.194	252	751814	41.321	ng		98
90)	Benzo(a)pyrene	25.028	252	699715	41.866	ng		99
91)	Dibenzo(a,h)anthracene	29.082	278	746131	42.104	ng		97
92)	Benzo(g,h,i)perylene	30.210	276	703279	41.544	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

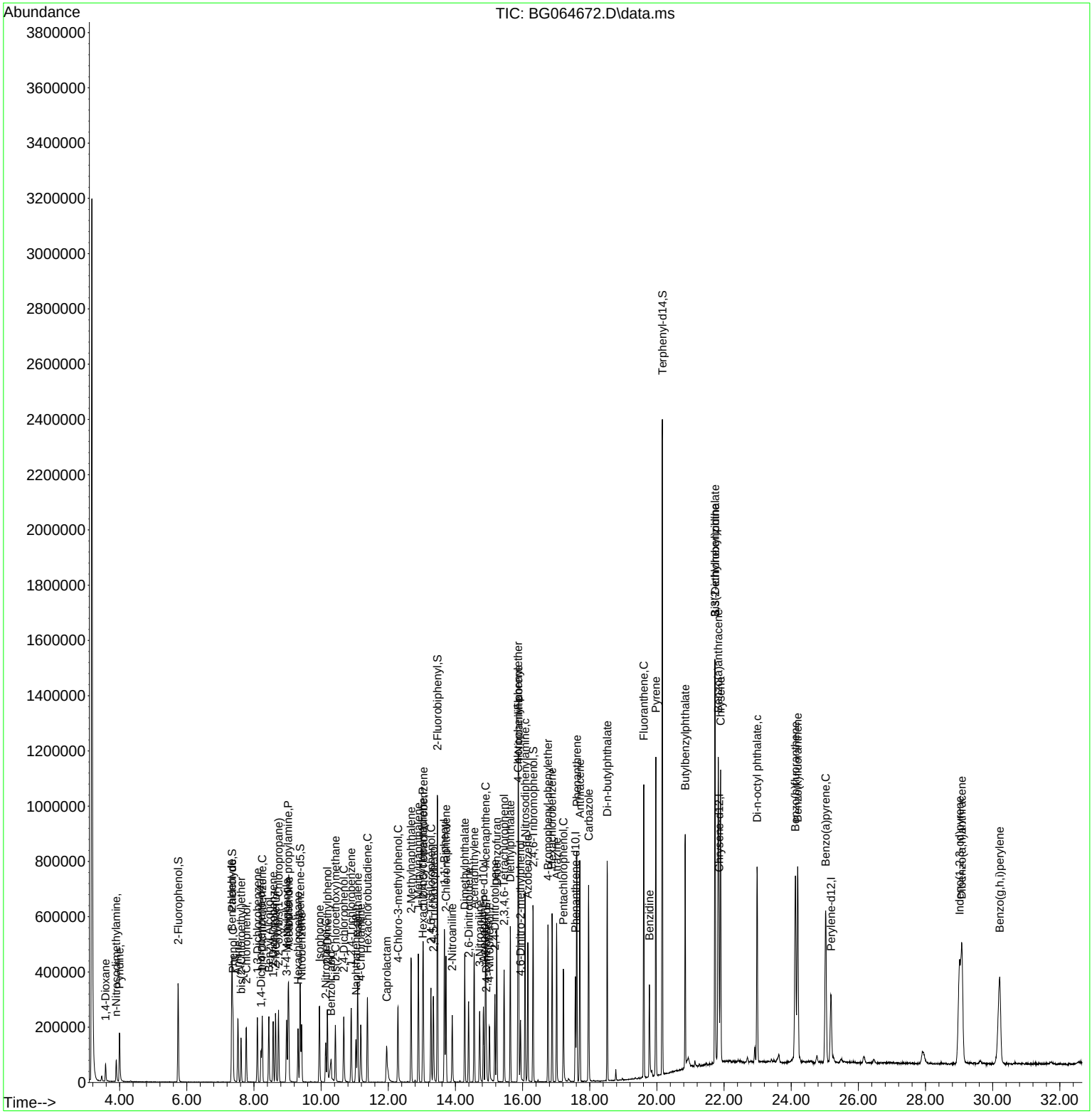
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Data File : BG064672.D
Acq On : 3 Nov 2025 14:35
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

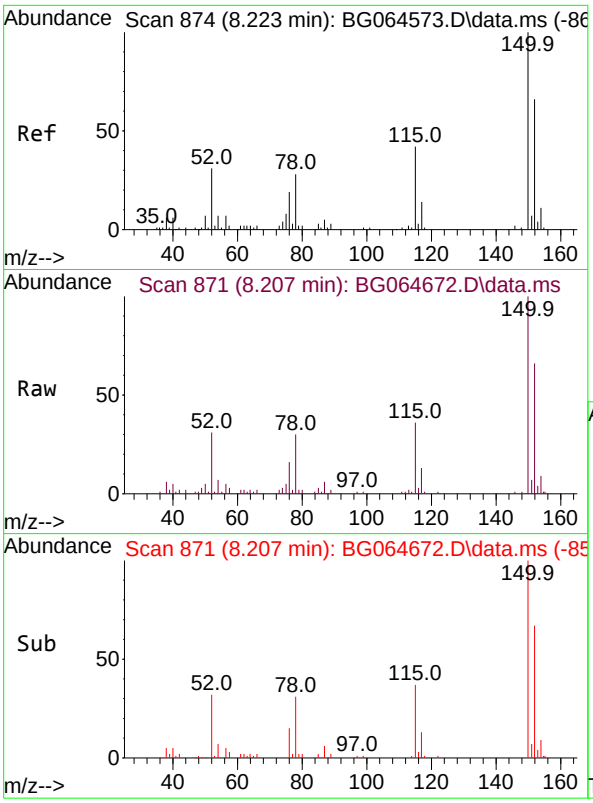
Quant Time: Nov 04 00:36:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

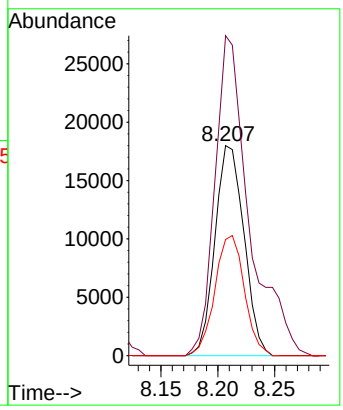




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.207 min Scan# 8
Delta R.T. -0.016 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:152 Resp: 3190

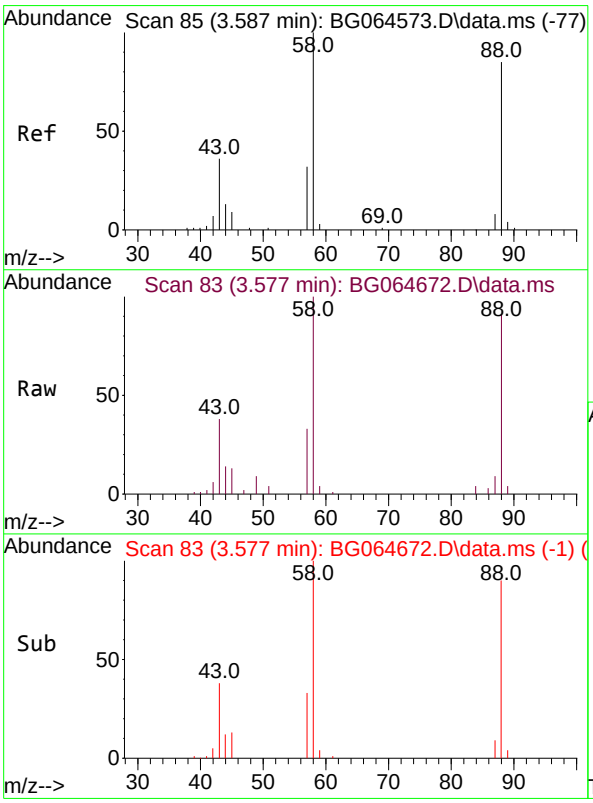
Ion	Ratio	Lower	Upper
152	100		
150	152.4	122.2	183.4
115	55.3	50.8	76.2



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

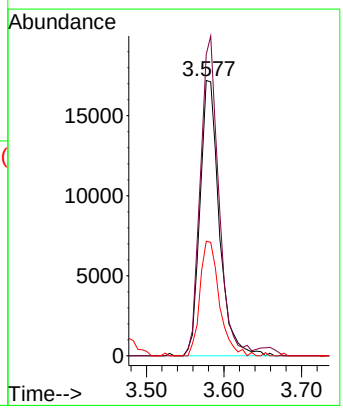
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

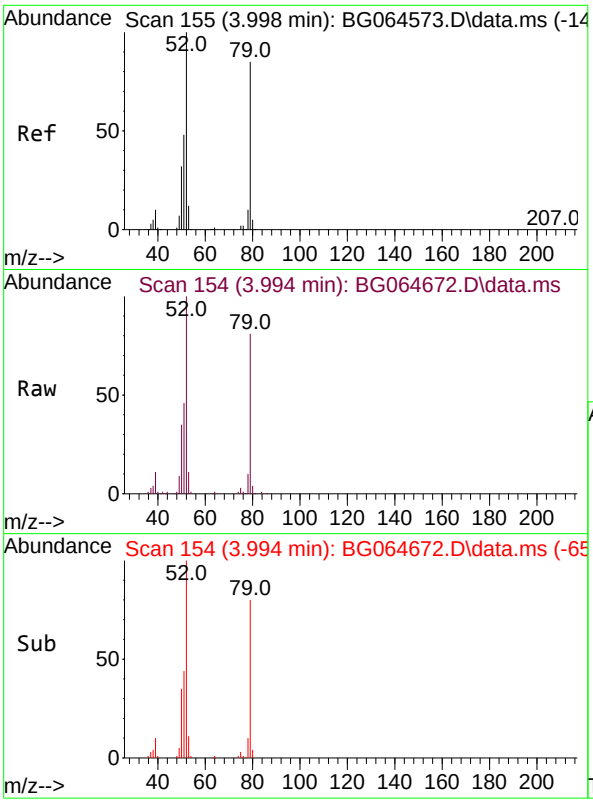


#2
1,4-Dioxane
Concen: 35.254 ng
RT: 3.577 min Scan# 83
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion: 88 Resp: 29669

Ion	Ratio	Lower	Upper
88	100		
58	111.7	92.4	138.6
43	41.7	33.0	49.6

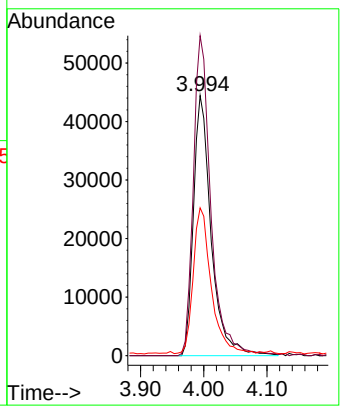




#3
Pyridine
Concen: 34.259 ng
RT: 3.994 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion: 79 Resp: 8658

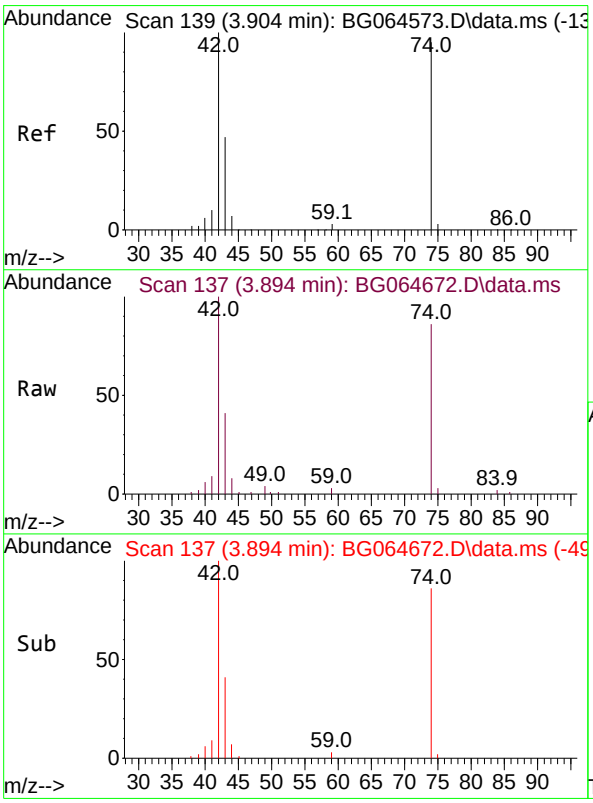
Ion	Ratio	Lower	Upper
79	100		
52	123.0	94.2	141.2
51	56.8	46.1	69.1



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

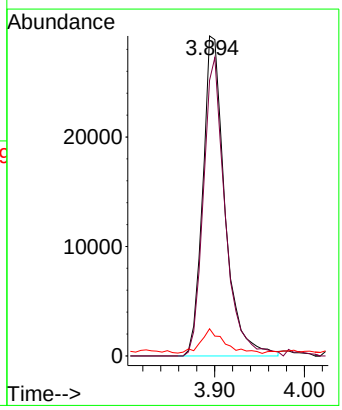
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

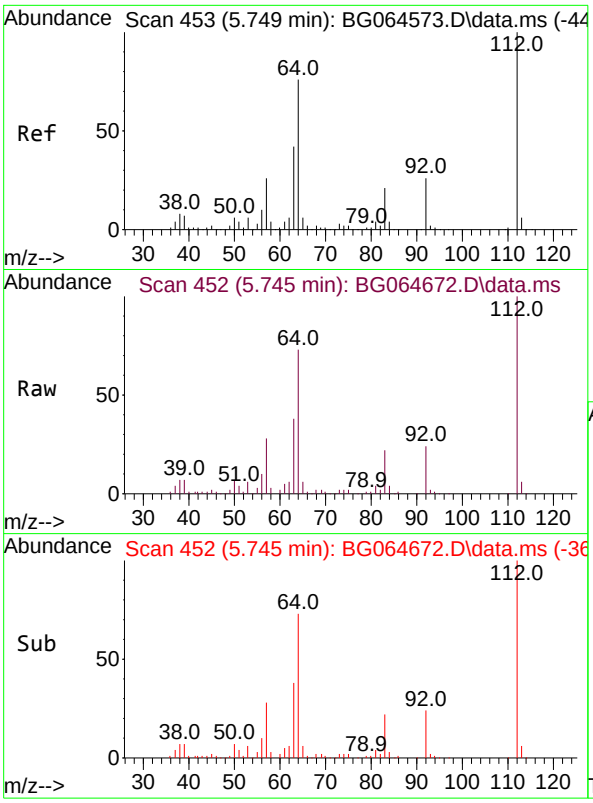


#4
n-Nitrosodimethylamine
Concen: 36.844 ng
RT: 3.894 min Scan# 137
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion: 42 Resp: 49934

Ion	Ratio	Lower	Upper
42	100		
74	86.1	76.1	114.1
44	8.5	6.3	9.5

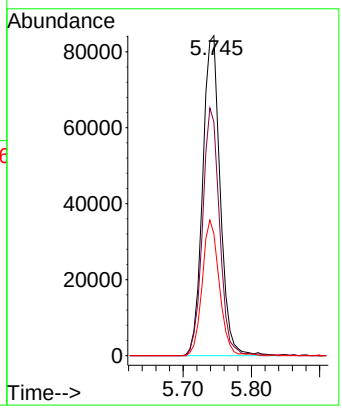




#5
2-Fluorophenol
Concen: 79.175 ng
RT: 5.745 min Scan# 4
Delta R.T. -0.004 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:112 Resp: 15050

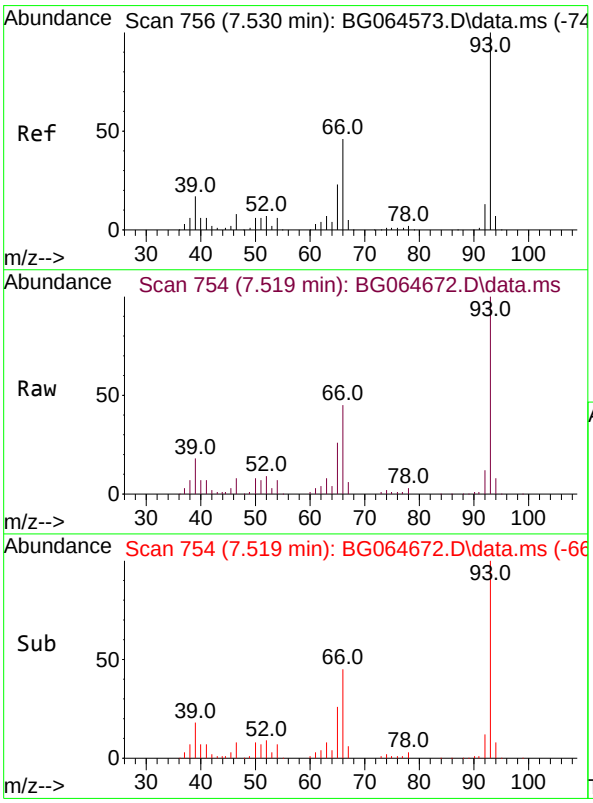
Ion	Ratio	Lower	Upper
112	100		
64	73.0	60.7	91.1
63	38.1	33.4	50.0



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
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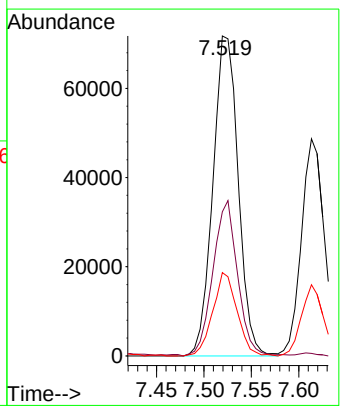
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

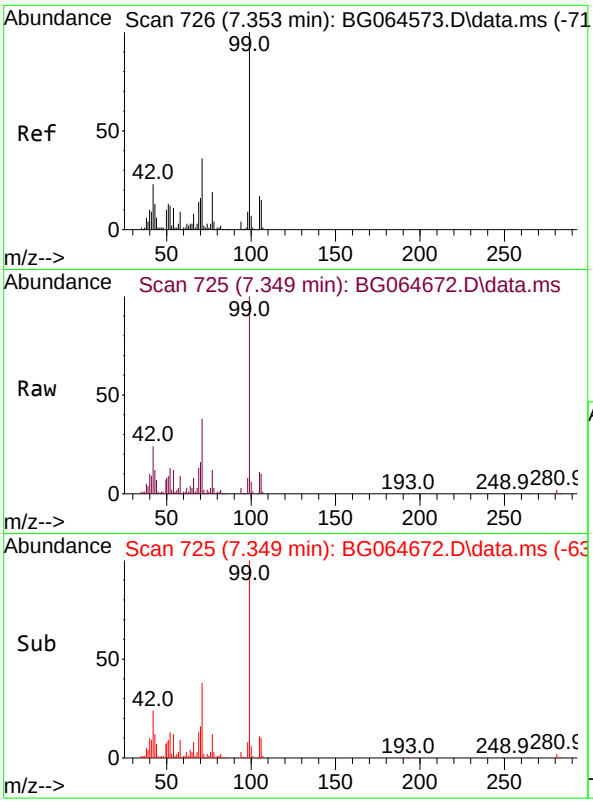


#6
Aniline
Concen: 37.583 ng
RT: 7.519 min Scan# 754
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion: 93 Resp: 133395

Ion	Ratio	Lower	Upper
93	100		
66	45.0	37.0	55.6
65	26.0	18.3	27.5

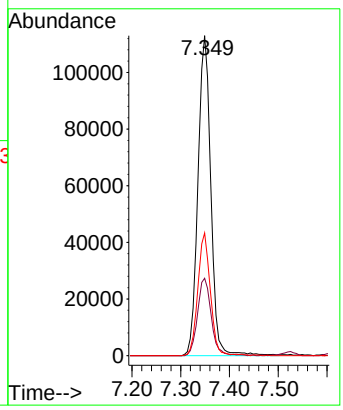




#7
Phenol-d6
Concen: 79.218 ng
RT: 7.349 min Scan# 7
Delta R.T. -0.004 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion: 99 Resp: 20663

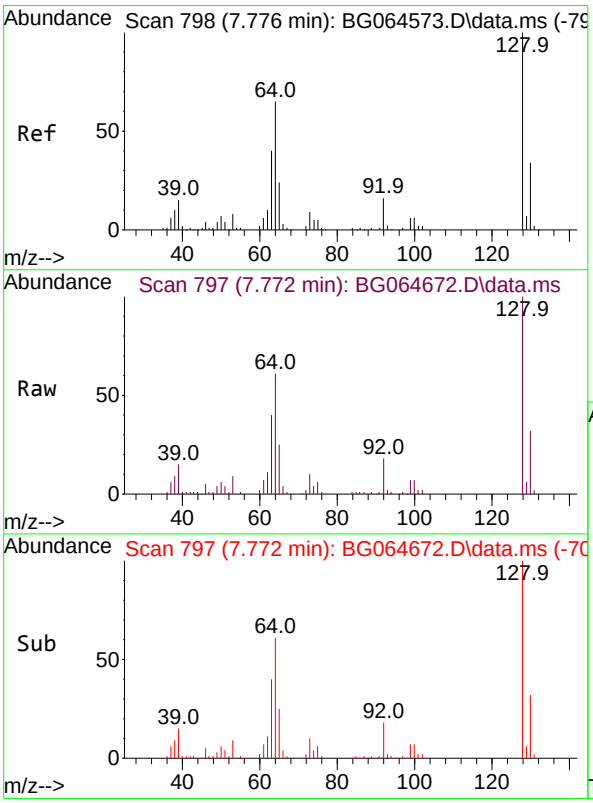
Ion	Ratio	Lower	Upper
99	100		
42	24.2	18.3	27.5
71	38.4	28.6	43.0



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
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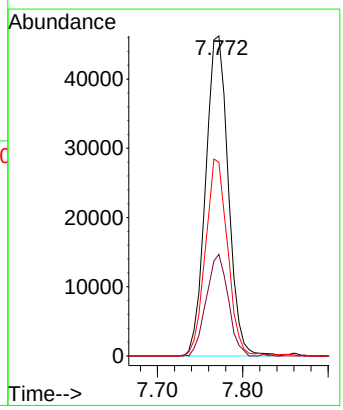
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

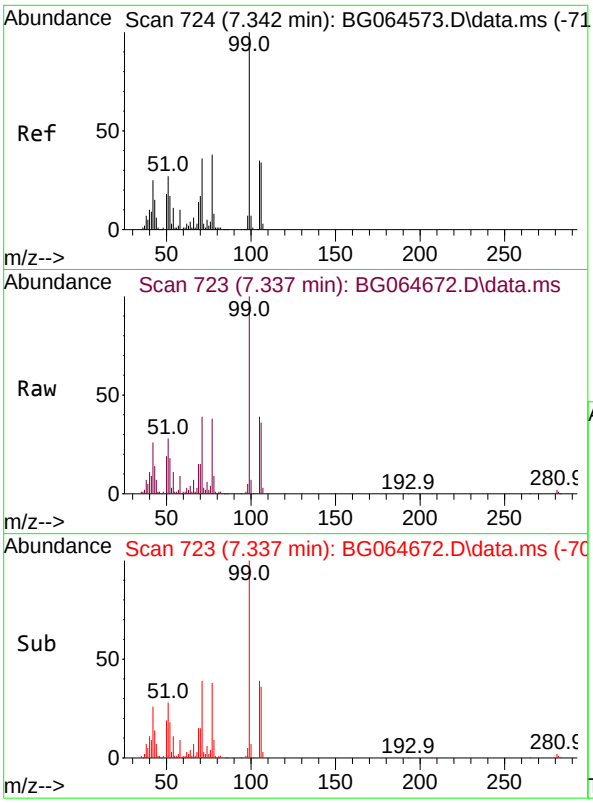


#8
2-Chlorophenol
Concen: 42.842 ng
RT: 7.772 min Scan# 797
Delta R.T. -0.004 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:128 Resp: 85239

Ion	Ratio	Lower	Upper
128	100		
130	31.7	13.5	53.5
64	60.5	45.2	85.2

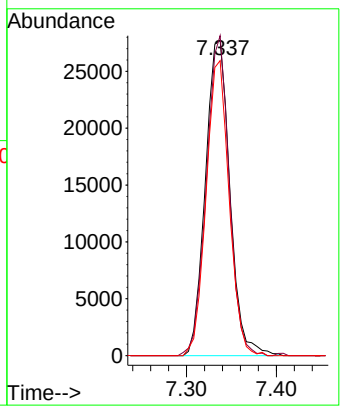




#9
Benzaldehyde
Concen: 36.890 ng
RT: 7.337 min Scan# 7
Delta R.T. -0.004 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion: 77 Resp: 5253

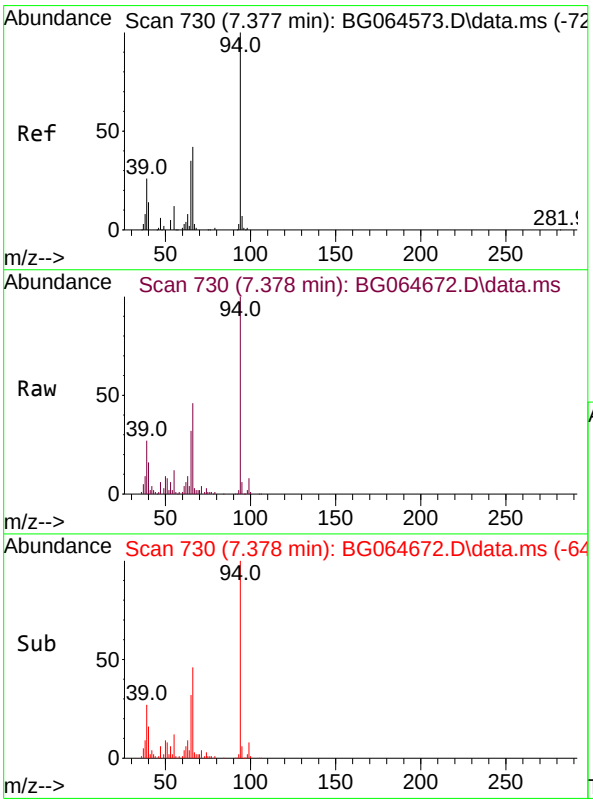
Ion	Ratio	Lower	Upper
77	100		
105	101.4	72.9	112.9
106	93.5	70.8	110.8



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
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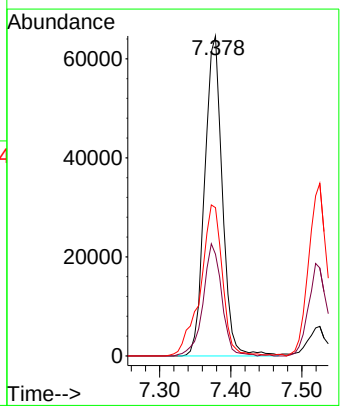
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

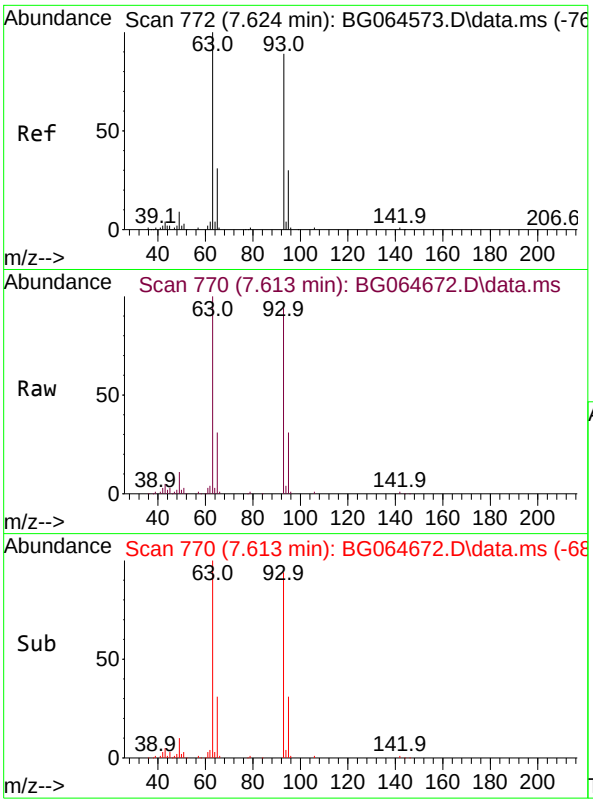


#10
Phenol
Concen: 38.392 ng
RT: 7.378 min Scan# 730
Delta R.T. 0.002 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion: 94 Resp: 110747

Ion	Ratio	Lower	Upper
94	100		
65	31.8	15.8	55.8
66	46.3	24.0	64.0

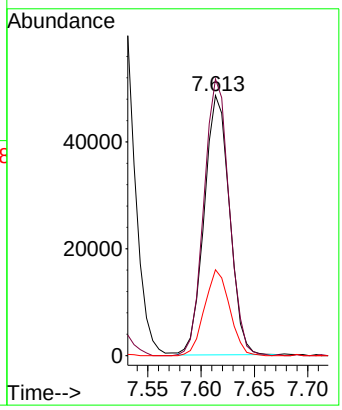




#11
bis(2-Chloroethyl)ether
Concen: 37.908 ng
RT: 7.613 min Scan# 7
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion: 93 Resp: 8039

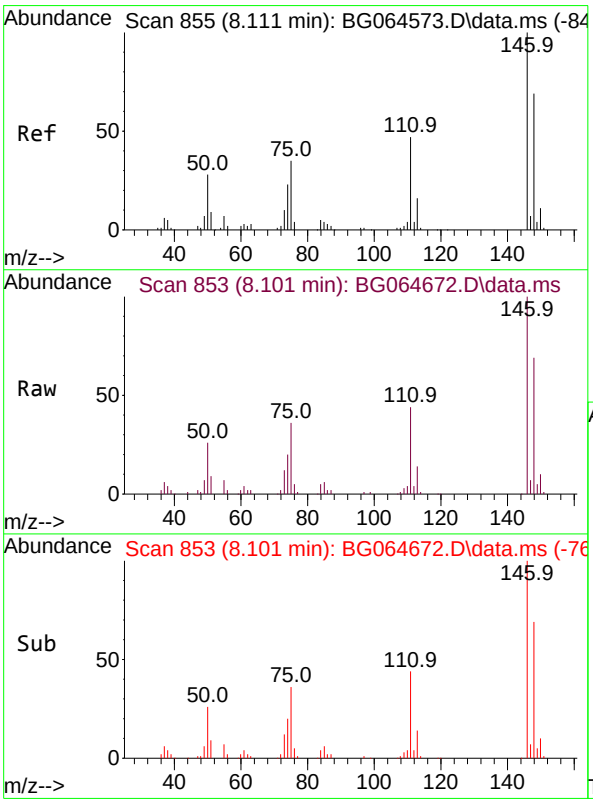
Ion	Ratio	Lower	Upper
93	100		
63	106.3	91.3	131.3
95	33.0	13.3	53.3



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
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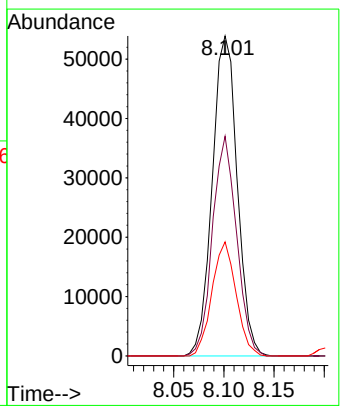
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

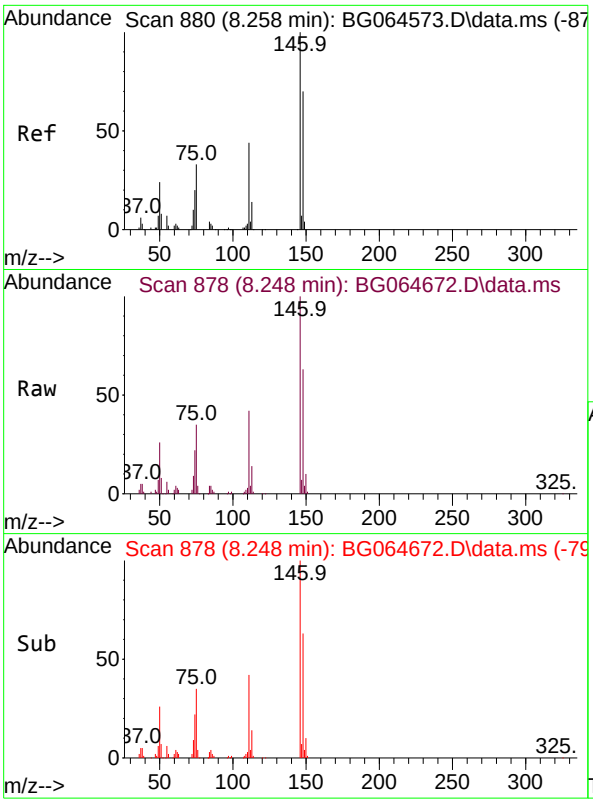


#12
1,3-Dichlorobenzene
Concen: 40.785 ng
RT: 8.101 min Scan# 853
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:146 Resp: 93398

Ion	Ratio	Lower	Upper
146	100		
148	68.6	55.3	82.9
75	35.6	28.2	42.2

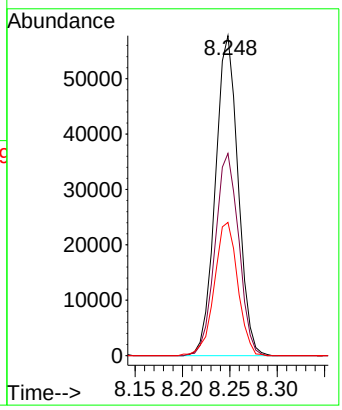




#13
1,4-Dichlorobenzene
Concen: 41.318 ng
RT: 8.248 min Scan# 8
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:146 Resp: 9620

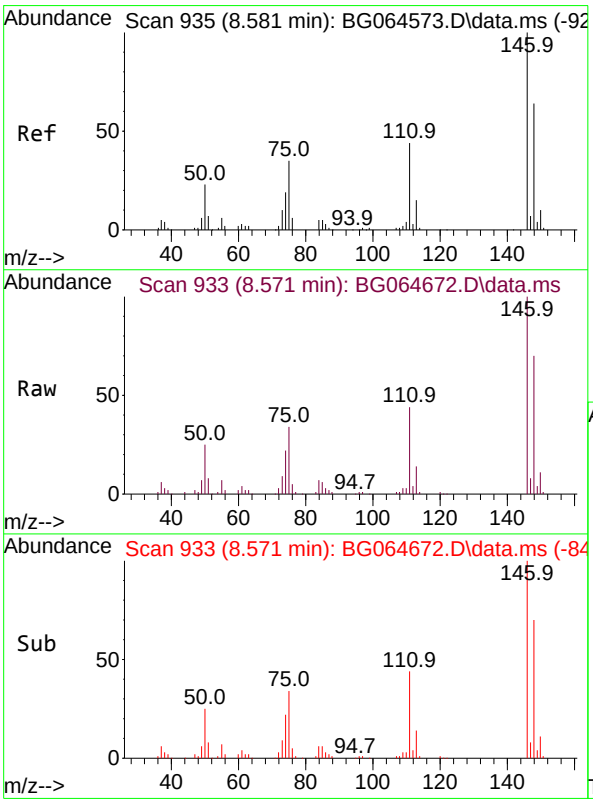
Ion	Ratio	Lower	Upper
146	100		
148	63.2	56.2	84.4
111	41.6	35.4	53.0



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
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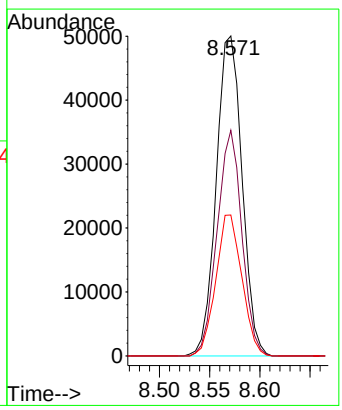
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

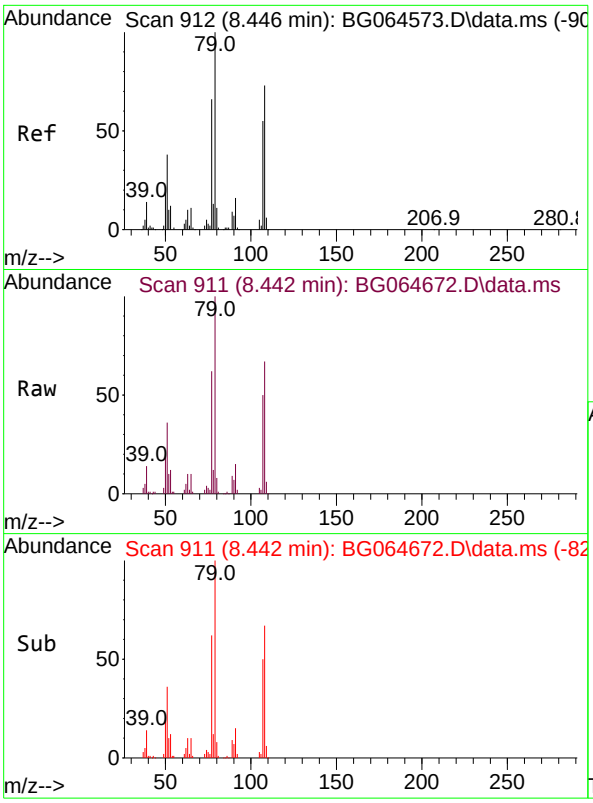


#14
1,2-Dichlorobenzene
Concen: 39.919 ng
RT: 8.571 min Scan# 933
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:146 Resp: 89654

Ion	Ratio	Lower	Upper
146	100		
148	70.5	51.5	77.3
111	44.0	35.0	52.6

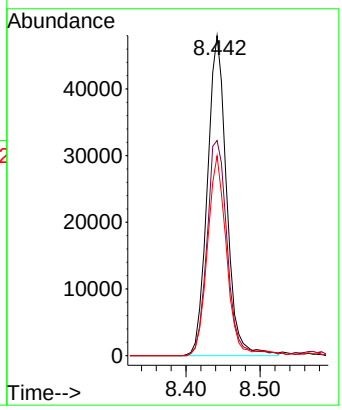




#15
Benzyl Alcohol
Concen: 40.045 ng
RT: 8.442 min Scan# 91
Delta R.T. -0.004 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion: 79 Resp: 8613

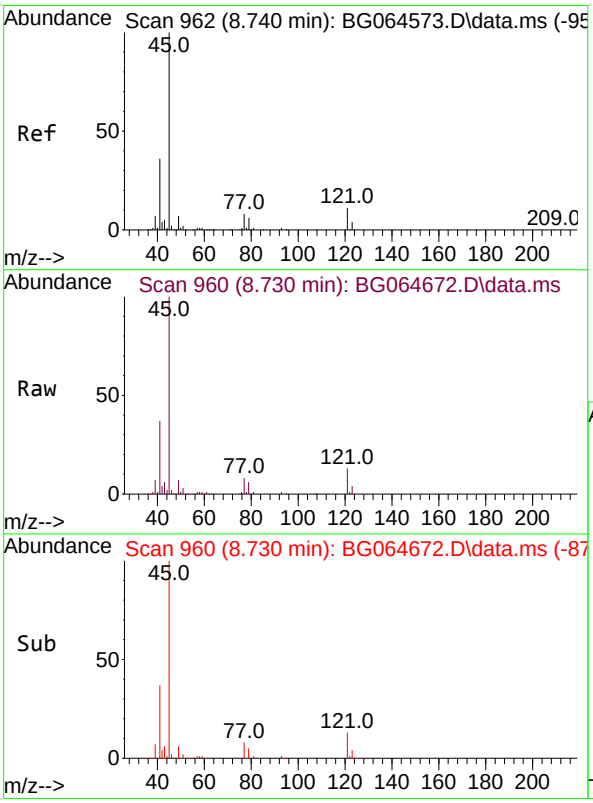
Ion	Ratio	Lower	Upper
79	100		
108	67.2	58.1	87.1
77	62.4	52.8	79.2



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
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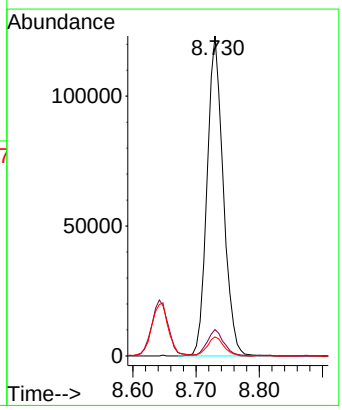
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

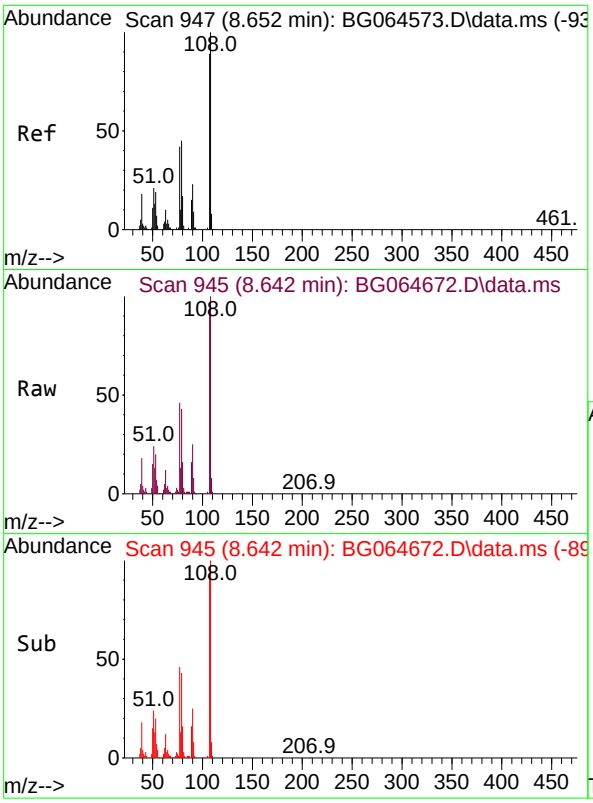


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.329 ng
RT: 8.730 min Scan# 960
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion: 45 Resp: 218798

Ion	Ratio	Lower	Upper
45	100		
77	8.2	0.0	28.5
79	5.9	0.0	25.6

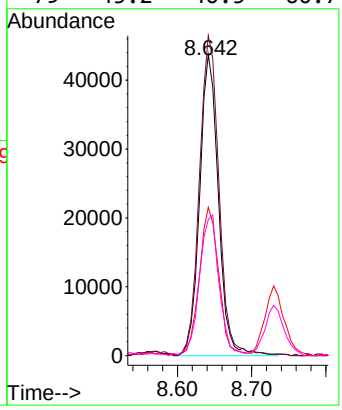




#17
2-Methylphenol
Concen: 40.057 ng
RT: 8.642 min Scan# 94
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:107 Resp: 76719

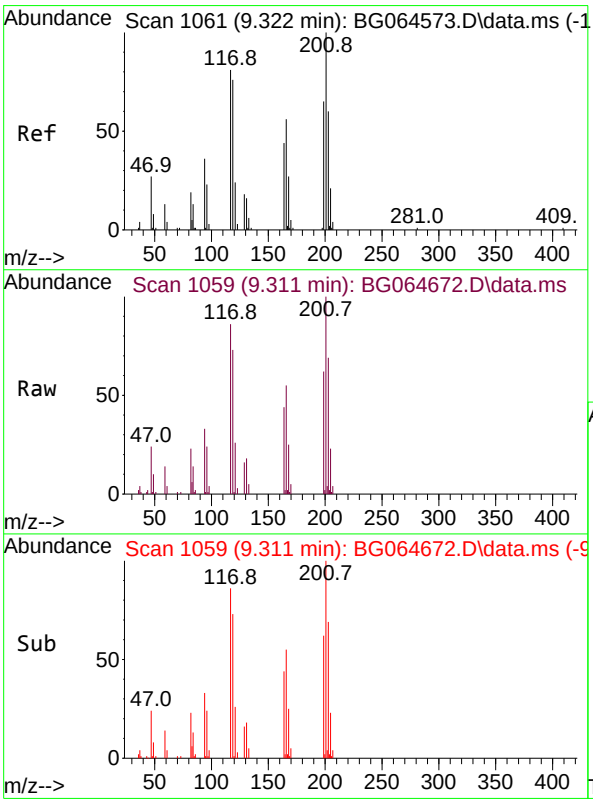
Ion	Ratio	Lower	Upper
107	100		
108	106.3	90.0	135.0
77	49.3	37.8	56.8
79	45.2	40.5	60.7



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
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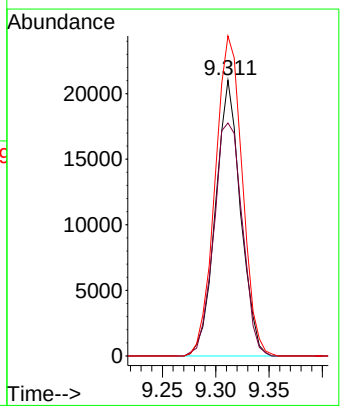
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

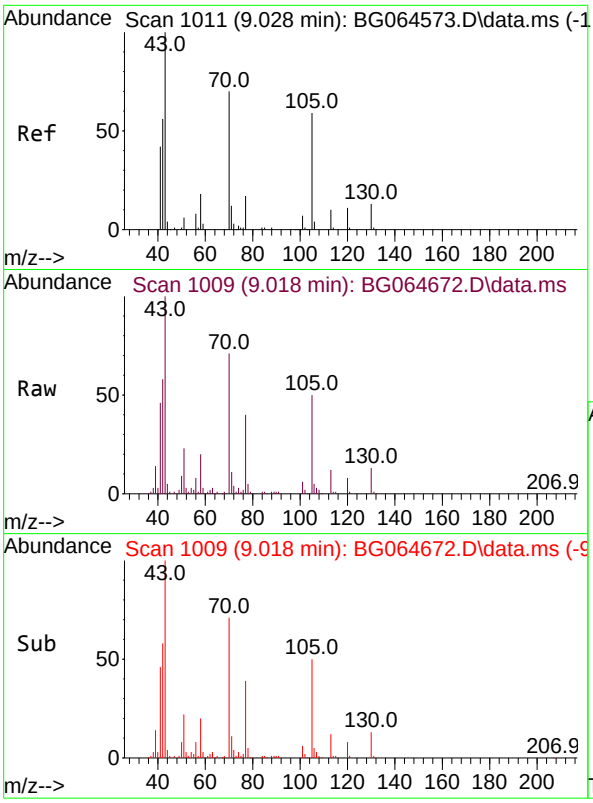


#18
Hexachloroethane
Concen: 41.974 ng
RT: 9.311 min Scan# 1059
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:117 Resp: 34298

Ion	Ratio	Lower	Upper
117	100		
119	84.5	75.4	113.2
201	120.3	99.2	148.8

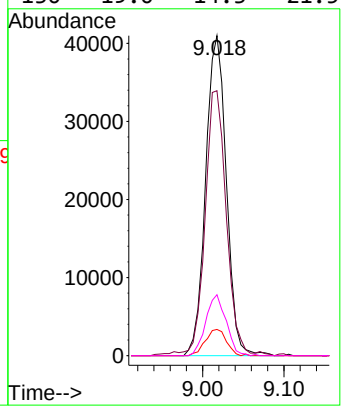




#19
n-Nitroso-di-n-propylamine
Concen: 40.233 ng
RT: 9.018 min Scan# 1
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

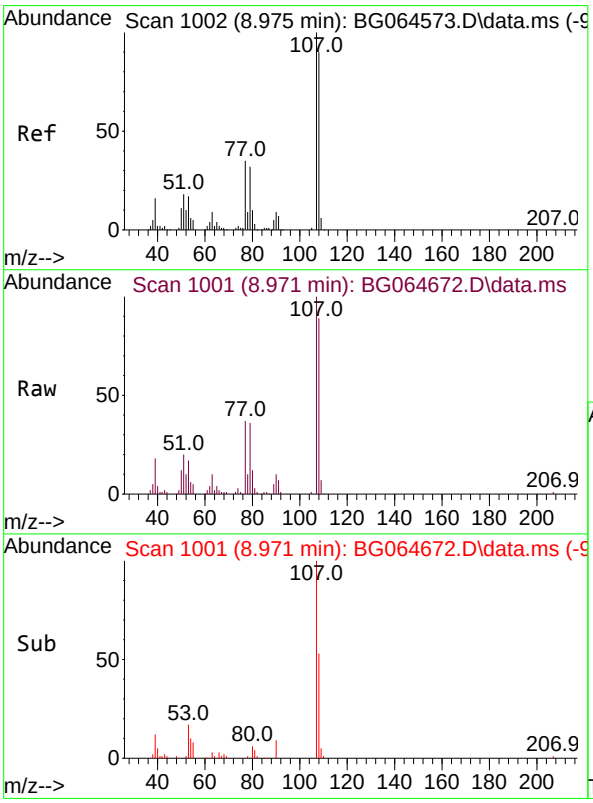
Tgt Ion: 70 Resp: 7252

Ion	Ratio	Lower	Upper
70	100		
42	82.8	65.2	97.8
101	8.2	7.9	11.9
130	19.0	14.3	21.5



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

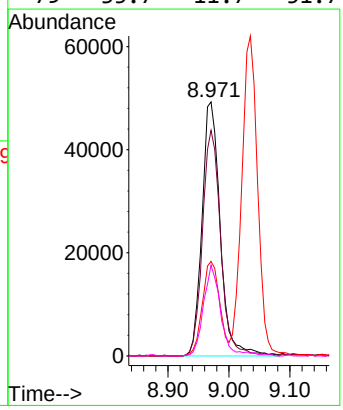
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Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

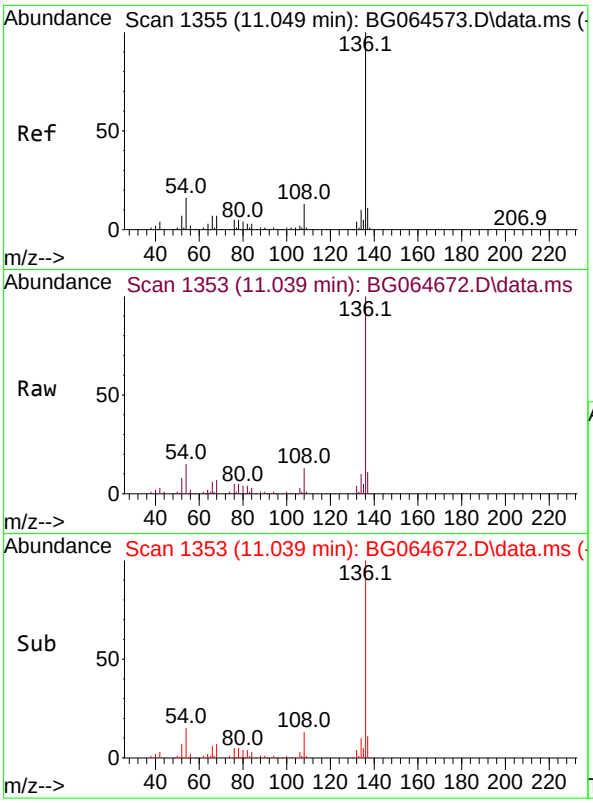


#20
3+4-Methylphenols
Concen: 37.939 ng
RT: 8.971 min Scan# 1001
Delta R.T. -0.004 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:107 Resp: 102186

Ion	Ratio	Lower	Upper
107	100		
108	88.8	70.3	110.3
77	37.2	14.6	54.6
79	35.7	11.7	51.7

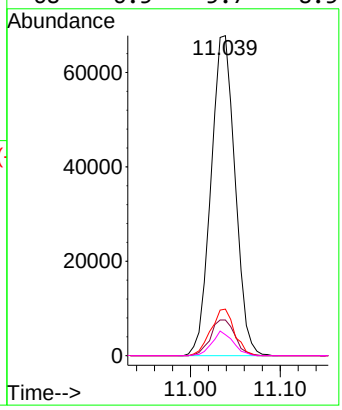




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.039 min Scan# 1
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:136 Resp: 12661

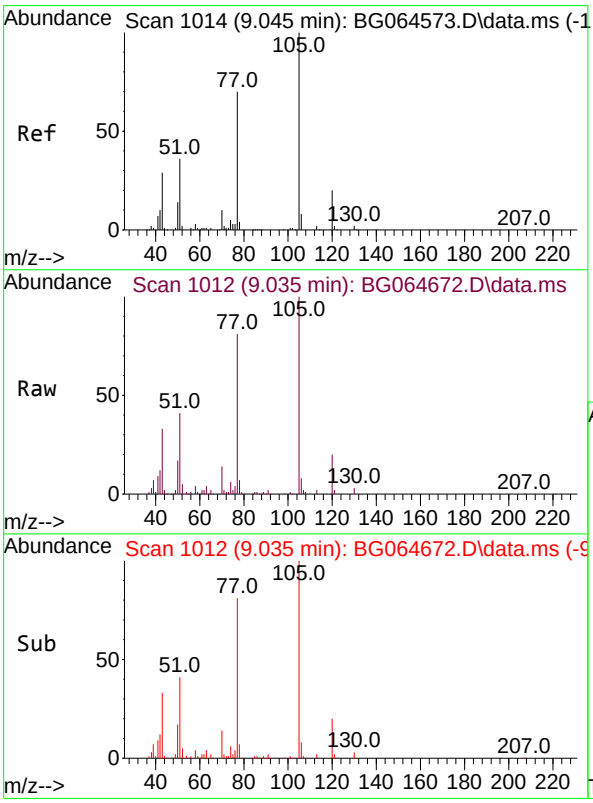
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	14.5	12.6	19.0
68	6.5	5.7	8.5



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
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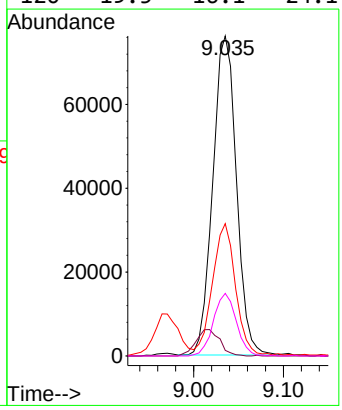
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

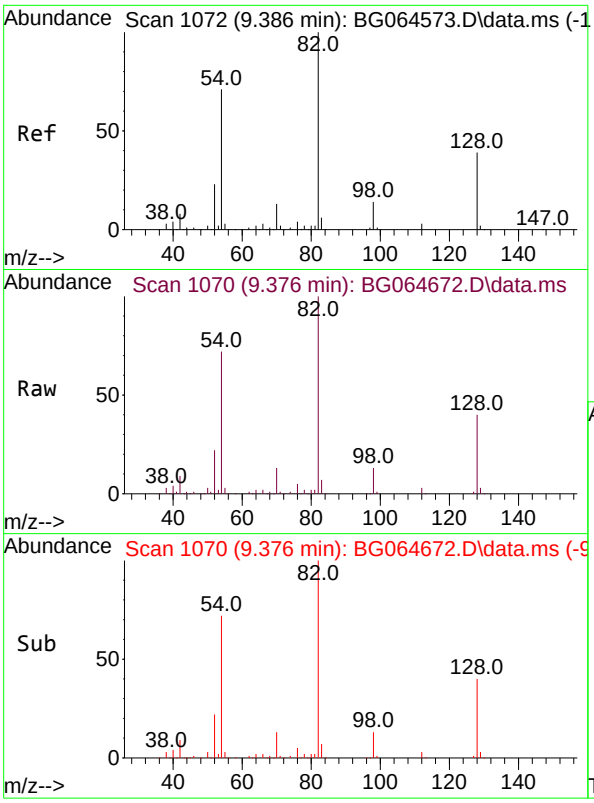


#22
Acetophenone
Concen: 40.299 ng
RT: 9.035 min Scan# 1012
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:105 Resp: 139475

Ion	Ratio	Lower	Upper
105	100		
71	1.7	1.5	2.3
51	41.3	33.7	50.5
120	19.5	16.1	24.1

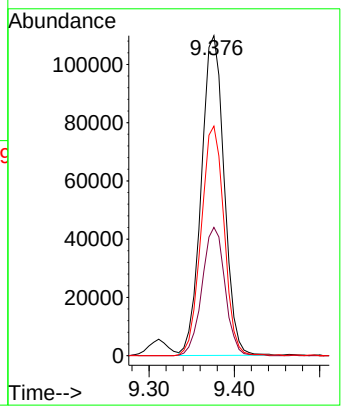




#23
Nitrobenzene-d5
Concen: 96.706 ng
RT: 9.376 min Scan# 10
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion: 82 Resp: 20385

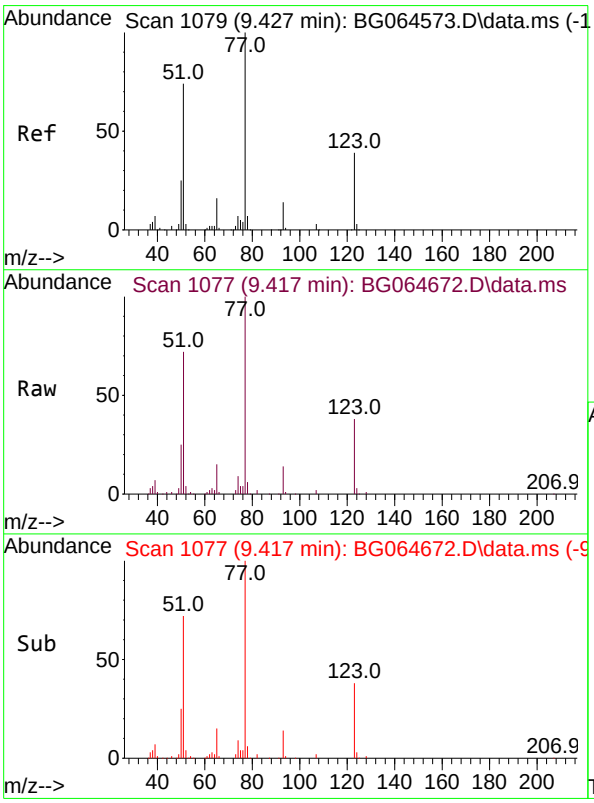
Ion	Ratio	Lower	Upper
82	100		
128	40.1	31.3	46.9
54	71.7	56.6	84.8



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
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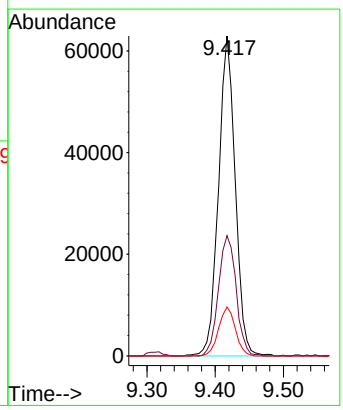
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

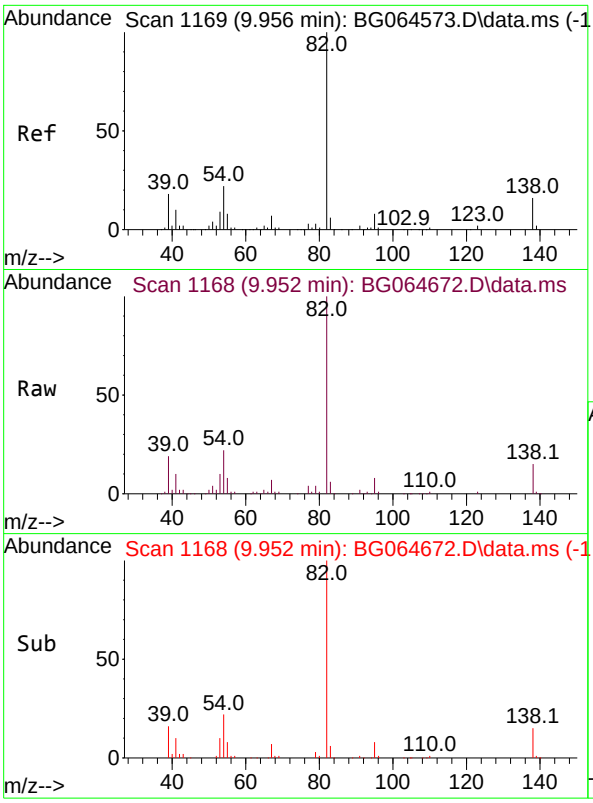


#24
Nitrobenzene
Concen: 46.482 ng
RT: 9.417 min Scan# 1077
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion: 77 Resp: 106572

Ion	Ratio	Lower	Upper
77	100		
123	37.6	31.0	46.6
65	15.3	12.7	19.1

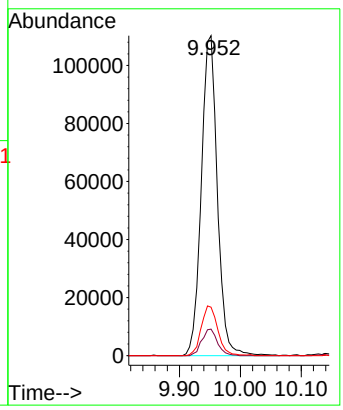




#25
Isophorone
Concen: 39.826 ng
RT: 9.952 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion: 82 Resp: 20144

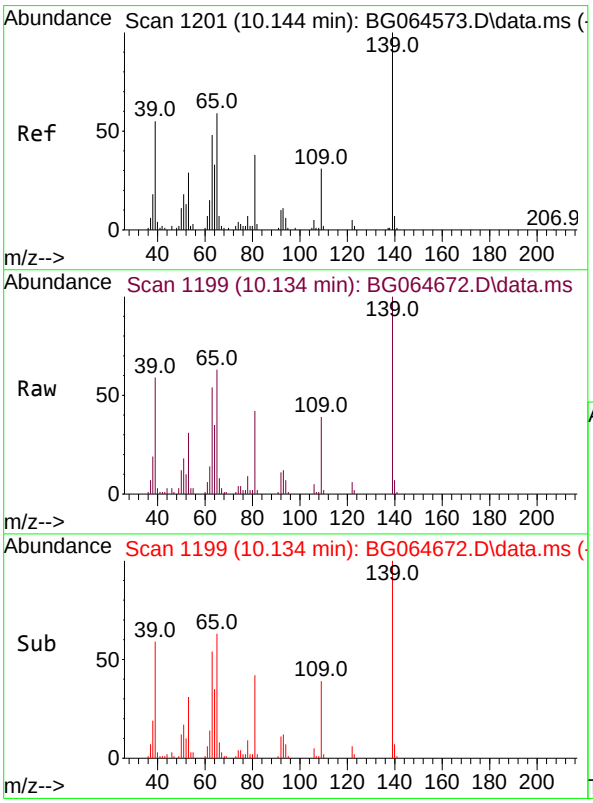
Ion	Ratio	Lower	Upper
82	100		
95	8.3	6.1	9.1
138	15.1	13.0	19.4



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

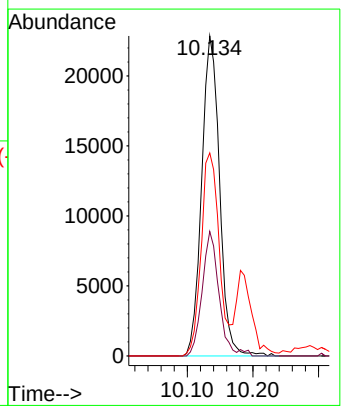
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

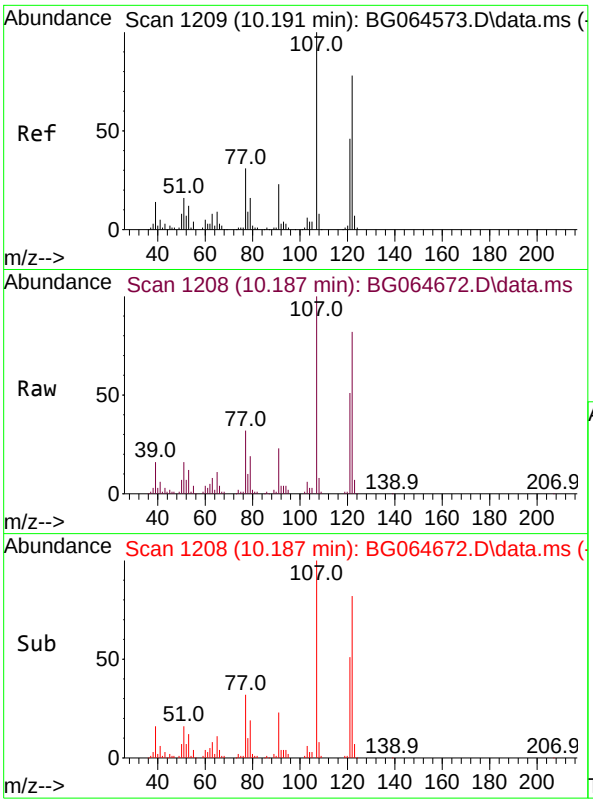


#26
2-Nitrophenol
Concen: 48.747 ng
RT: 10.134 min Scan# 1199
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:139 Resp: 43169

Ion	Ratio	Lower	Upper
139	100		
109	38.9	24.6	37.0#
65	63.4	47.5	71.3

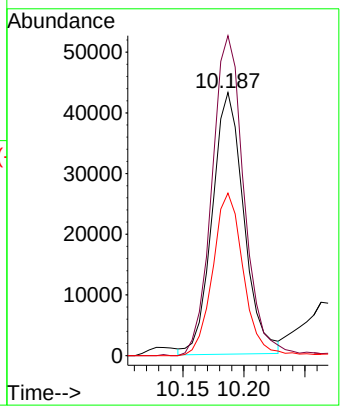




#27
2,4-Dimethylphenol
Concen: 41.322 ng
RT: 10.187 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:122 Resp: 7774

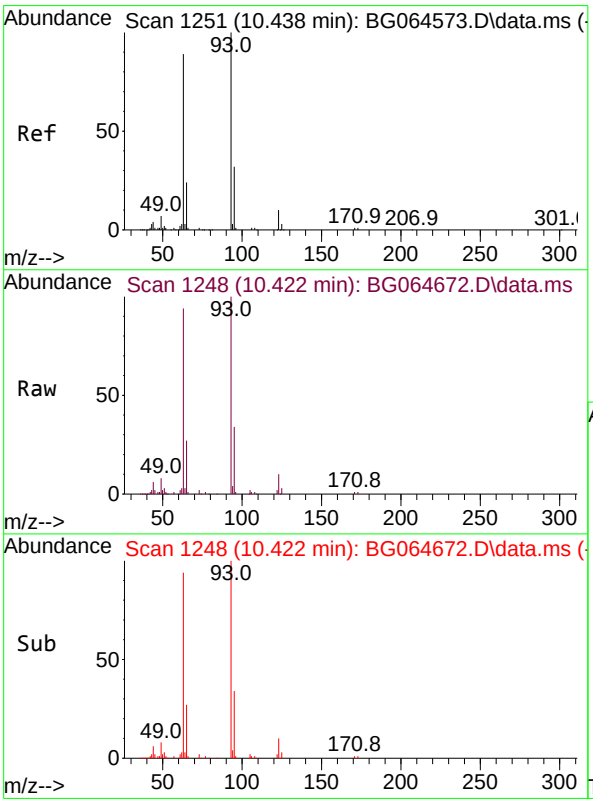
Ion	Ratio	Lower	Upper
122	100		
107	121.6	103.0	154.4
121	61.7	47.8	71.8



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

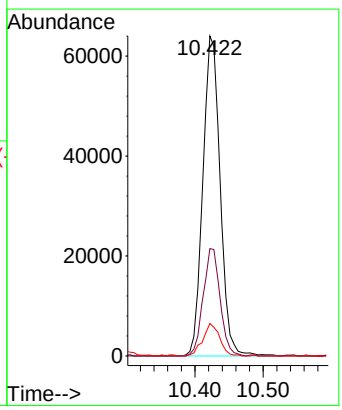
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

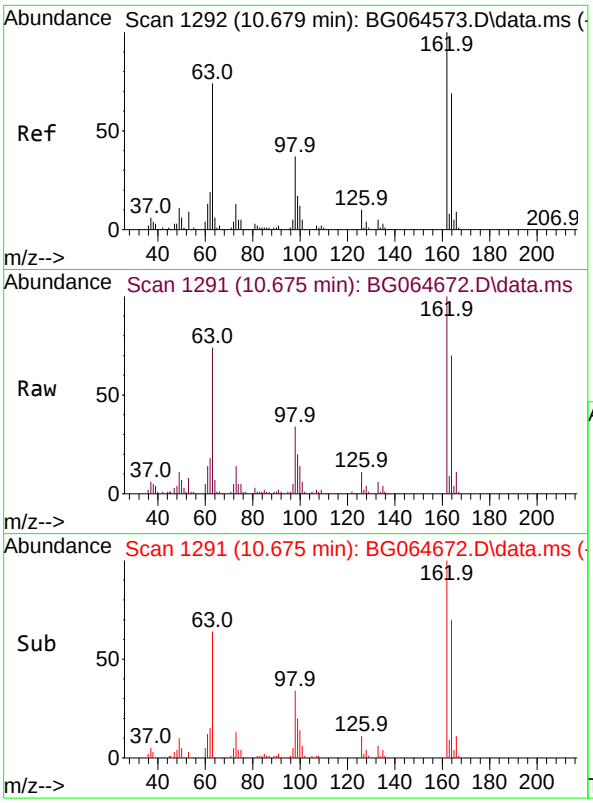


#28
bis(2-Chloroethoxy)methane
Concen: 39.199 ng
RT: 10.422 min Scan# 1248
Delta R.T. -0.016 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion: 93 Resp: 112890

Ion	Ratio	Lower	Upper
93	100		
95	33.5	25.4	38.2
123	10.1	8.4	12.6

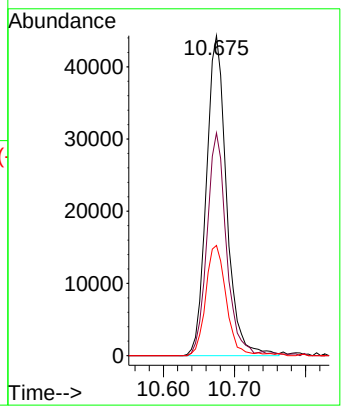




#29
2,4-Dichlorophenol
Concen: 43.085 ng
RT: 10.675 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:162 Resp: 8724

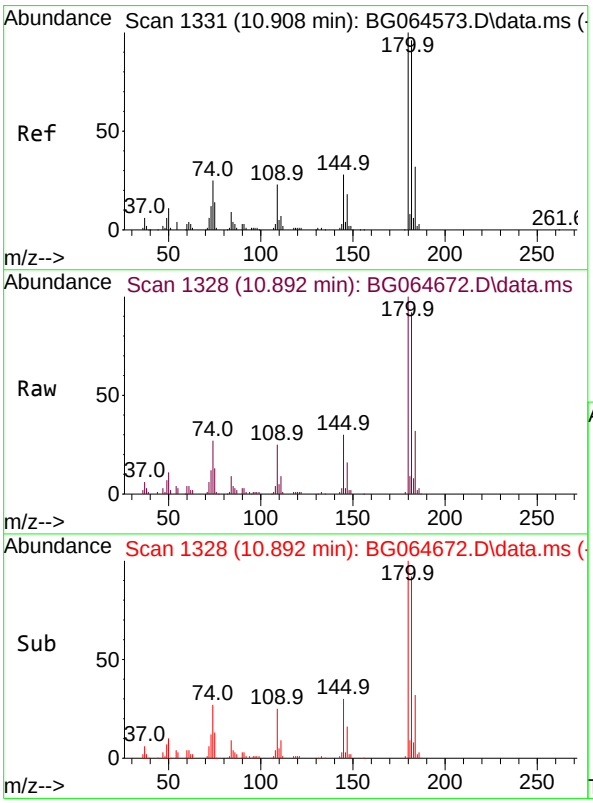
Ion	Ratio	Lower	Upper
162	100		
164	69.6	48.7	88.7
98	34.4	16.9	56.9



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

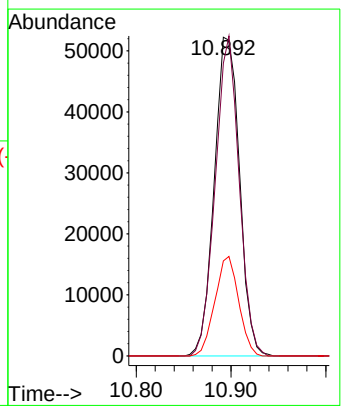
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

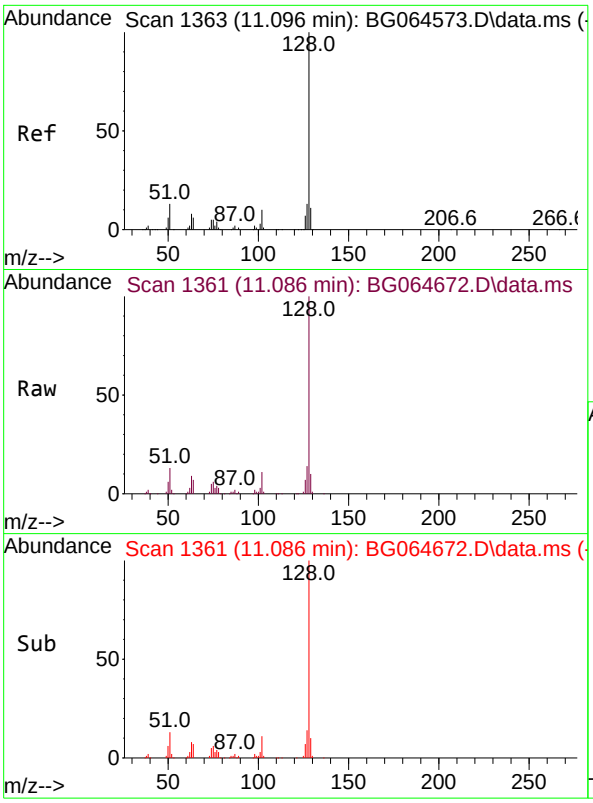


#30
1,2,4-Trichlorobenzene
Concen: 41.946 ng
RT: 10.892 min Scan# 1328
Delta R.T. -0.016 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:180 Resp: 96502

Ion	Ratio	Lower	Upper
180	100		
182	91.9	76.9	115.3
145	29.8	22.1	33.1

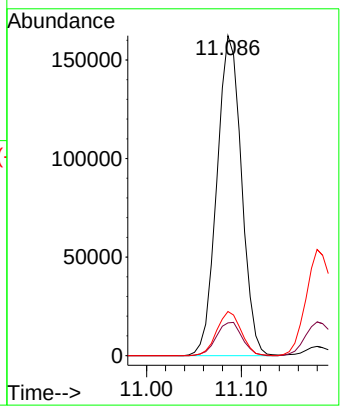




#31
Naphthalene
Concen: 41.686 ng
RT: 11.086 min Scan# 1
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:128 Resp: 29262

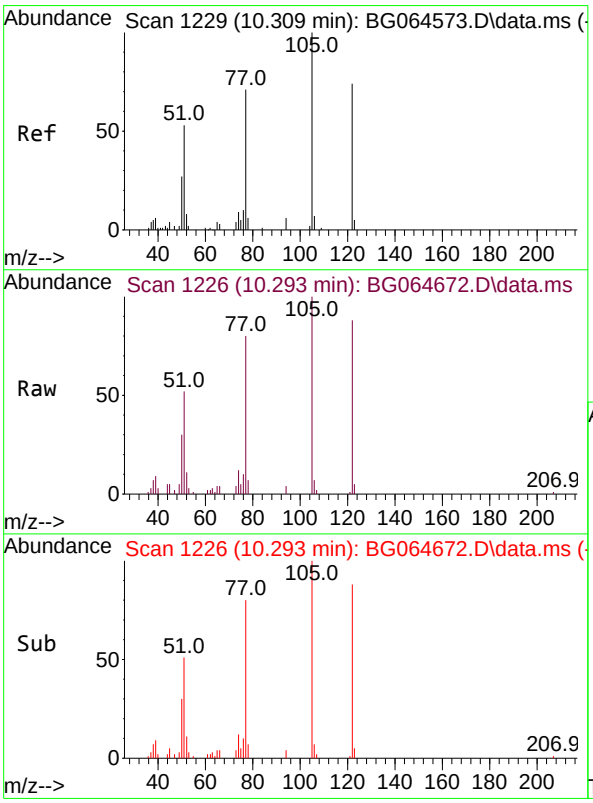
Ion	Ratio	Lower	Upper
128	100		
129	10.2	8.8	13.2
127	13.8	10.6	15.8



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

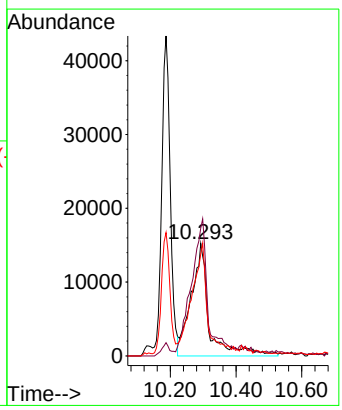
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

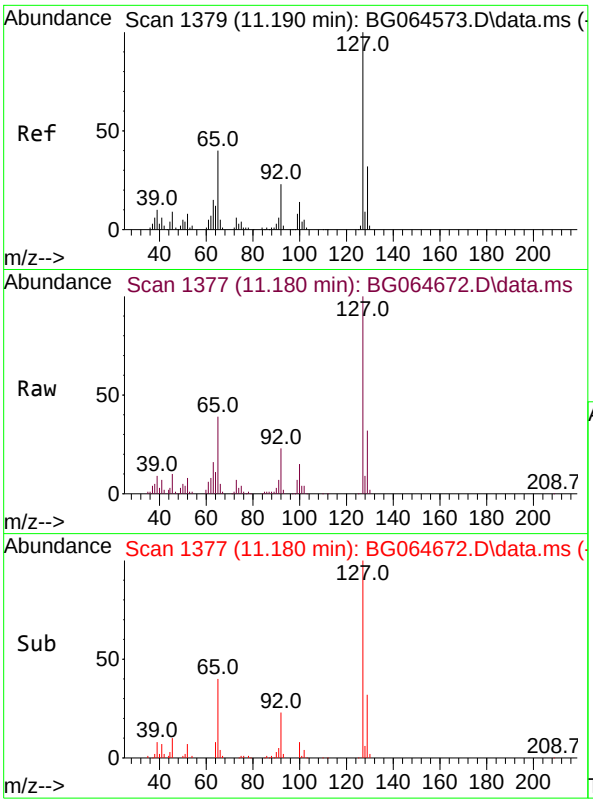


#32
Benzoic acid
Concen: 41.507 ng m
RT: 10.293 min Scan# 1226
Delta R.T. -0.016 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:122 Resp: 58136

Ion	Ratio	Lower	Upper
122	100		
105	113.6	104.2	144.2
77	90.8	70.2	110.2

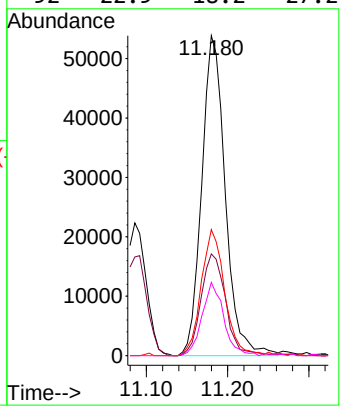




#33
4-Chloroaniline
Concen: 39.714 ng
RT: 11.180 min Scan# 1
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:127 Resp: 10835

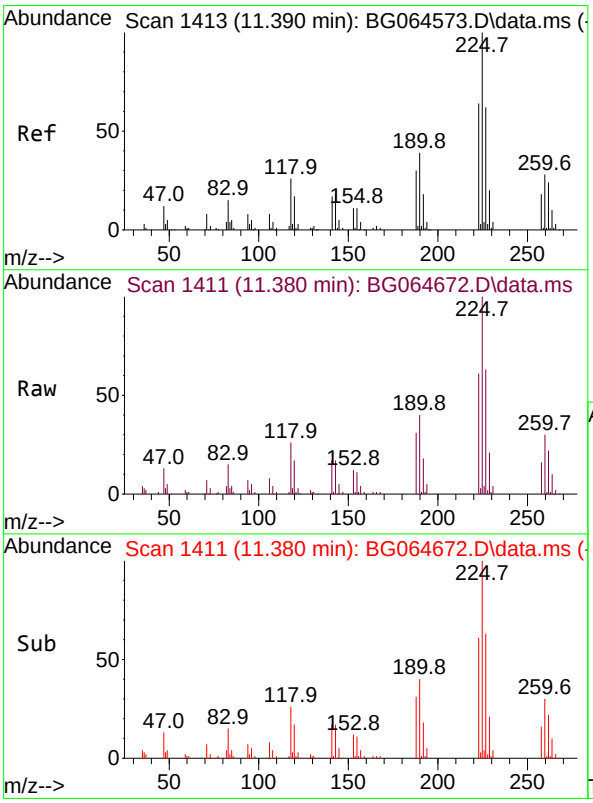
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.5	38.3
65	39.4	32.2	48.4
92	22.9	18.2	27.2



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

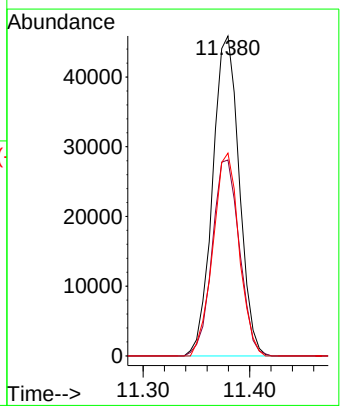
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

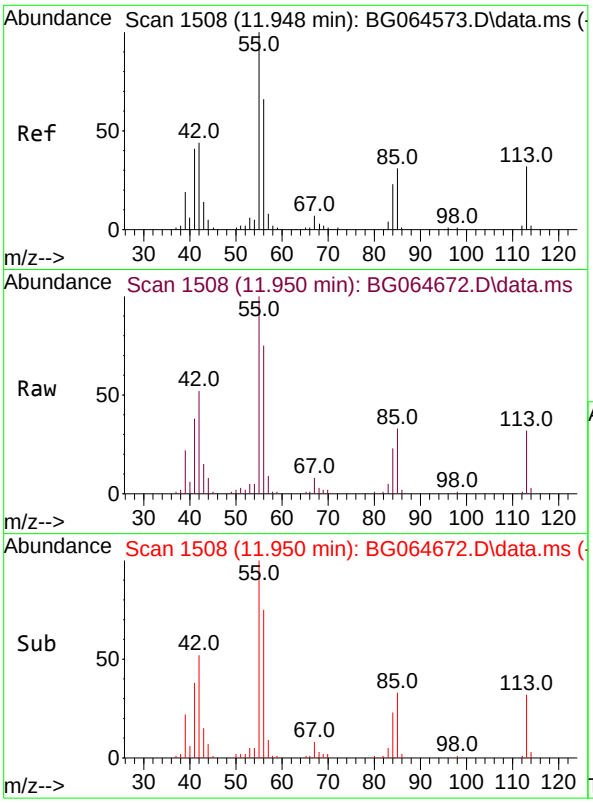


#34
Hexachlorobutadiene
Concen: 44.151 ng
RT: 11.380 min Scan# 1411
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:225 Resp: 79438

Ion	Ratio	Lower	Upper
225	100		
223	61.2	48.8	73.2
227	65.6	49.5	74.3

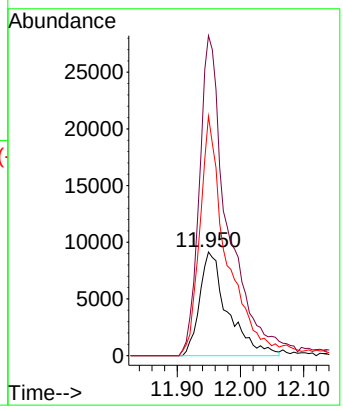




#35
Caprolactam
Concen: 36.407 ng
RT: 11.950 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:113 Resp: 2827

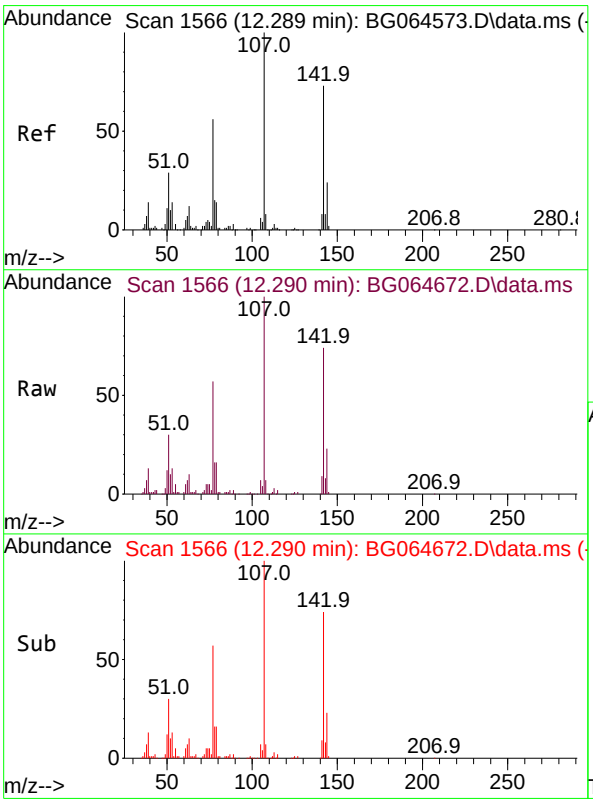
Ion	Ratio	Lower	Upper
113	100		
55	308.9	290.1	330.1
56	231.0	183.8	223.8



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

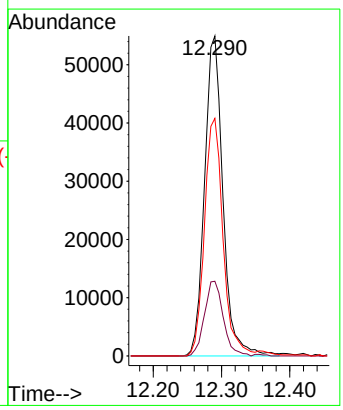
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

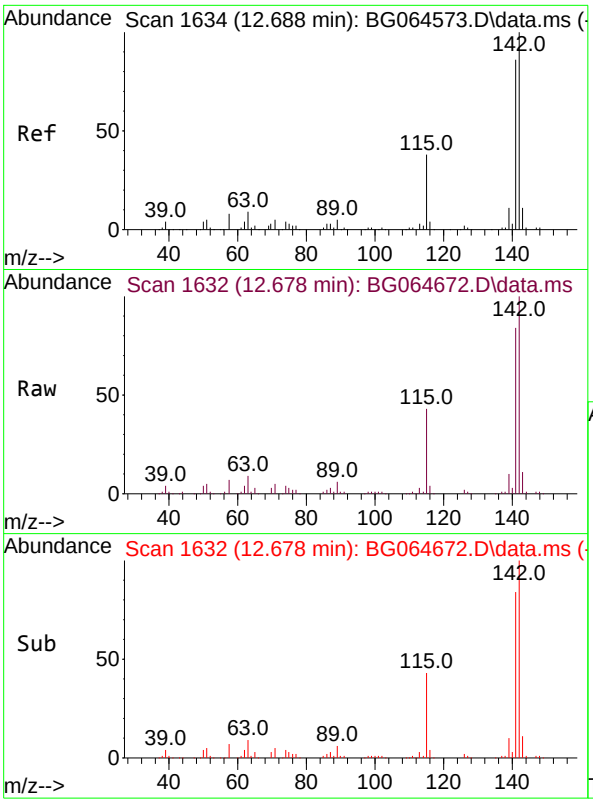


#36
4-Chloro-3-methylphenol
Concen: 42.253 ng
RT: 12.290 min Scan# 1566
Delta R.T. 0.002 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:107 Resp: 102839

Ion	Ratio	Lower	Upper
107	100		
144	23.3	19.1	28.7
142	74.2	58.6	87.8

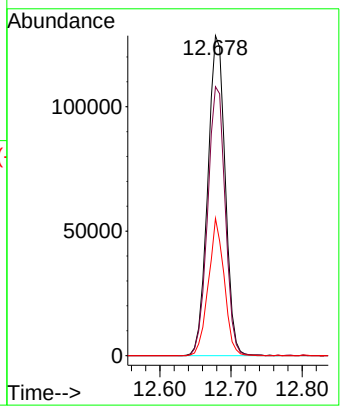




#37
2-Methylnaphthalene
Concen: 42.547 ng
RT: 12.678 min Scan# 1
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:142 Resp: 21927

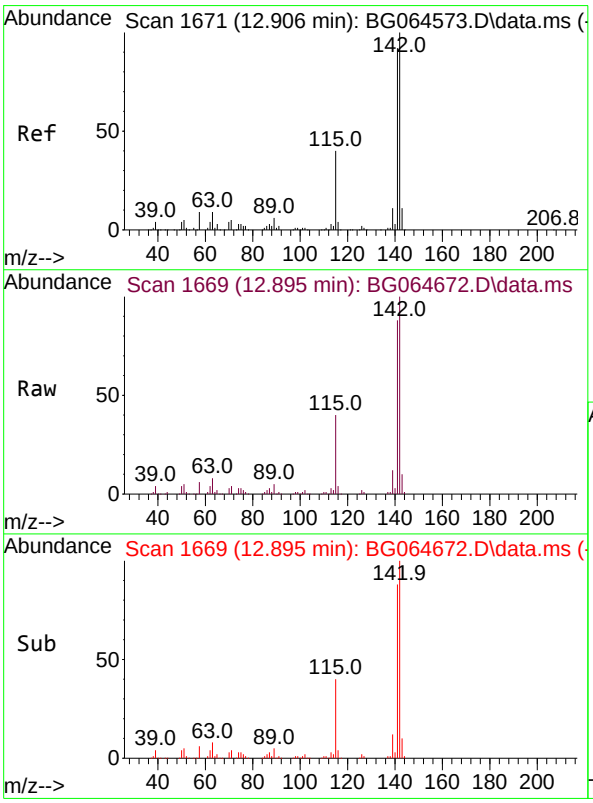
Ion	Ratio	Lower	Upper
142	100		
141	84.0	68.9	103.3
115	42.9	30.6	46.0



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

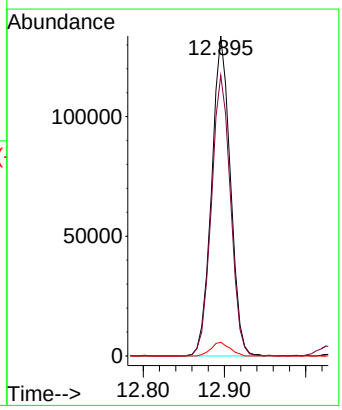
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

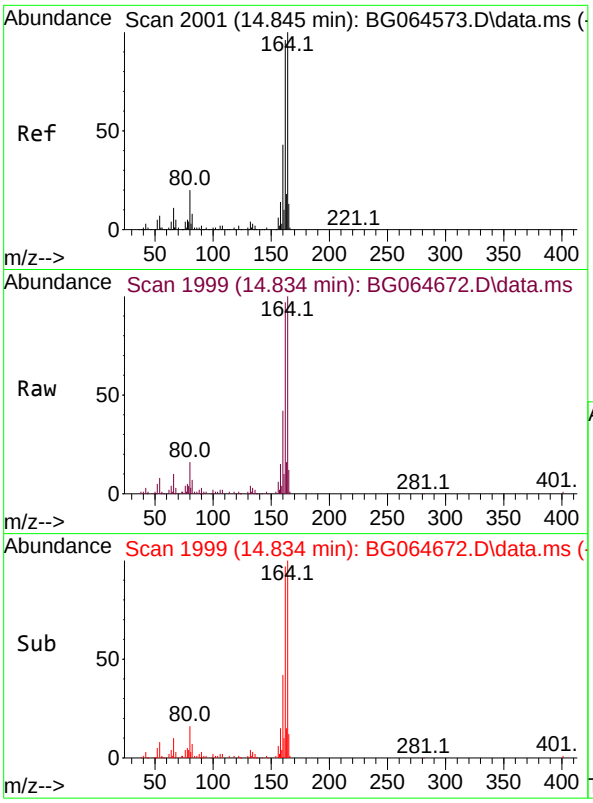


#38
1-Methylnaphthalene
Concen: 42.041 ng
RT: 12.895 min Scan# 1669
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:142 Resp: 214494

Ion	Ratio	Lower	Upper
142	100		
141	87.7	73.3	109.9
116	4.3	3.1	4.7

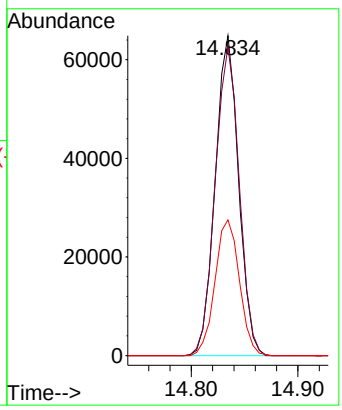




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.834 min Scan# 19
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:164 Resp: 99069

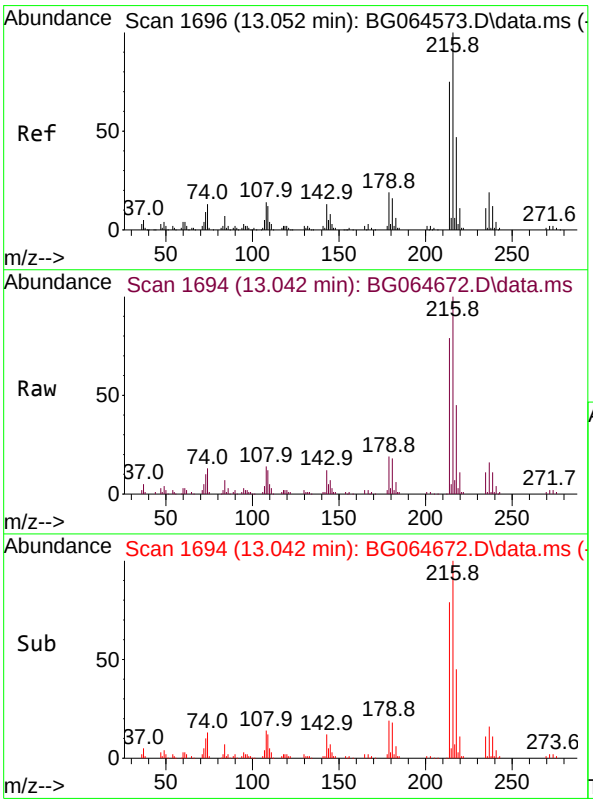
Ion	Ratio	Lower	Upper
164	100		
162	96.5	77.0	115.6
160	42.4	34.4	51.6



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

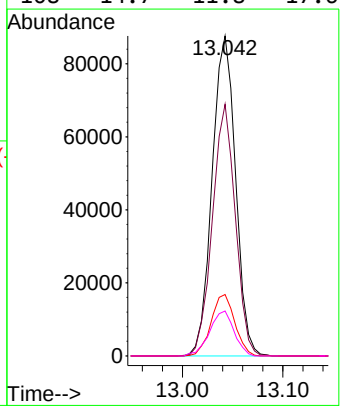
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

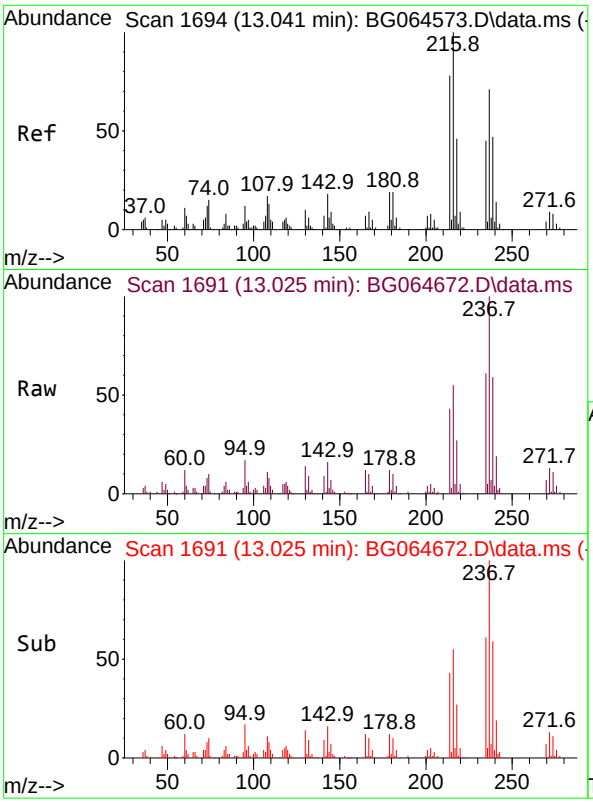


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.807 ng
RT: 13.042 min Scan# 1694
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:216 Resp: 142325

Ion	Ratio	Lower	Upper
216	100		
214	76.8	61.4	92.2
179	19.4	15.4	23.0
108	14.7	11.8	17.6





#41
Hexachlorocyclopentadiene
Concen: 48.136 ng
RT: 13.025 min Scan# 1
Delta R.T. -0.016 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

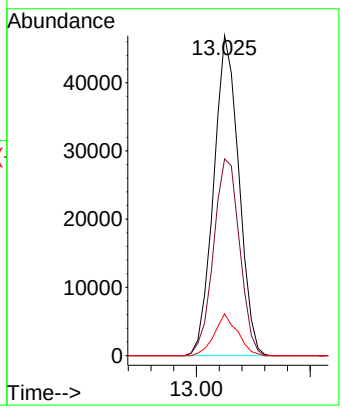
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

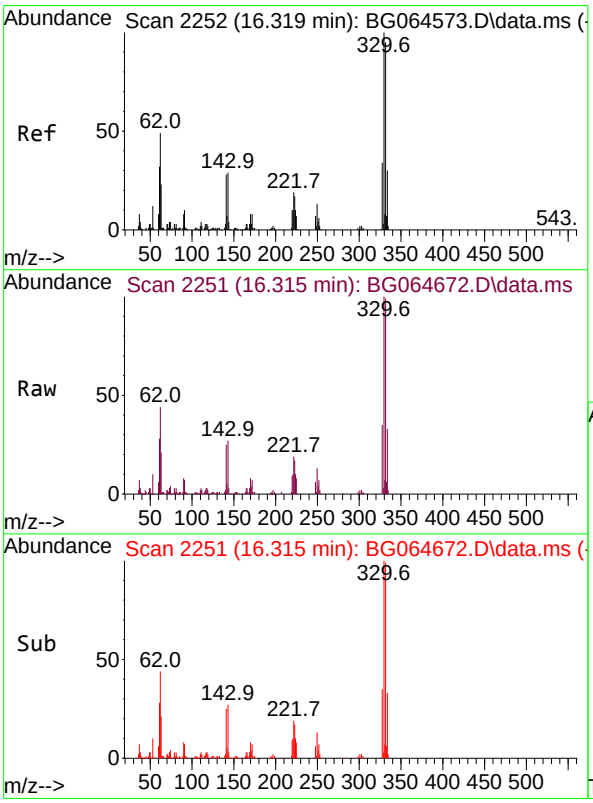
Tgt Ion:237 Resp: 7203

Ion	Ratio	Lower	Upper
237	100		
235	61.5	44.1	84.1
272	13.1	0.0	32.4

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

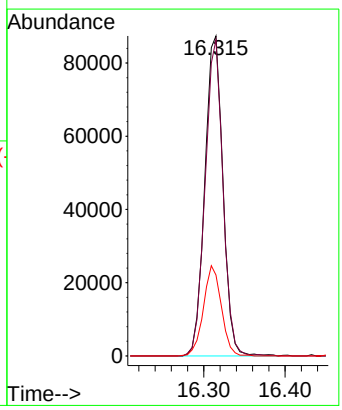


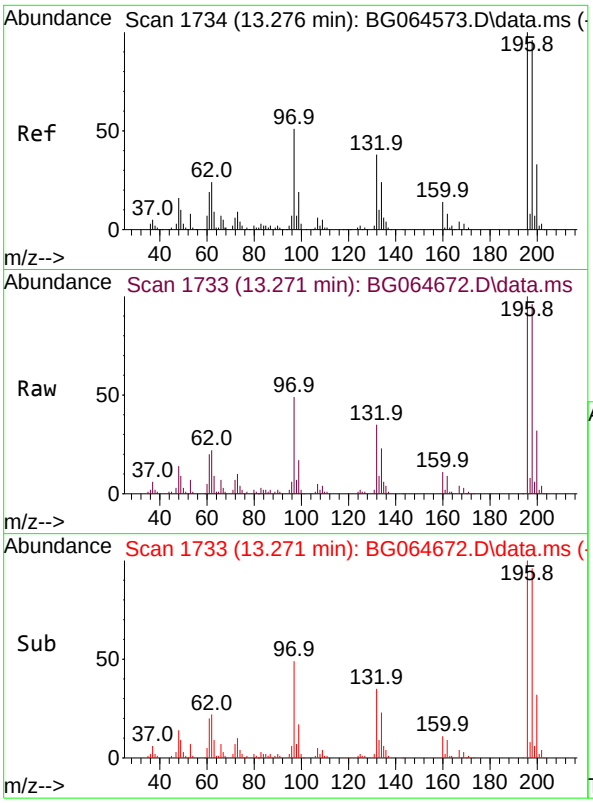


#42
2,4,6-Tribromophenol
Concen: 94.664 ng
RT: 16.315 min Scan# 2251
Delta R.T. -0.004 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:330 Resp: 135357

Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.0	117.0
141	27.9	21.8	32.6

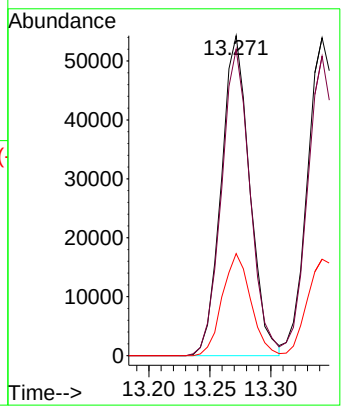




#43
2,4,6-Trichlorophenol
Concen: 46.557 ng
RT: 13.271 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:196 Resp: 8854

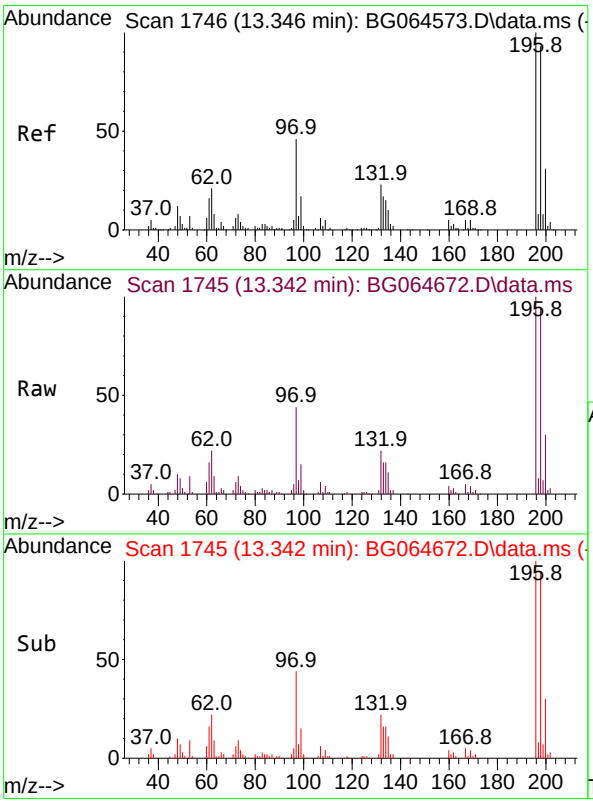
Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.6	115.0
200	31.9	26.0	39.0



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
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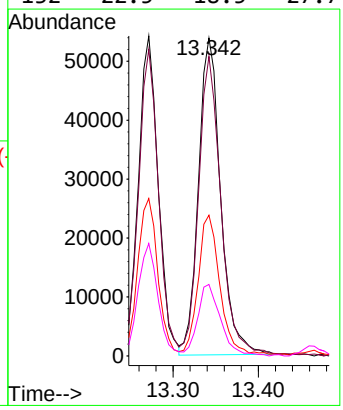
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

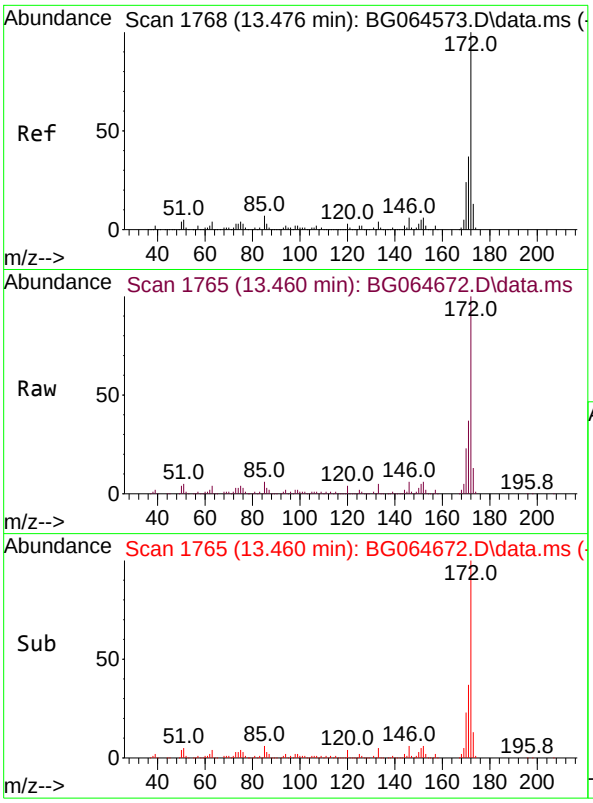


#44
2,4,5-Trichlorophenol
Concen: 44.435 ng
RT: 13.342 min Scan# 1745
Delta R.T. -0.004 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:196 Resp: 97521

Ion	Ratio	Lower	Upper
196	100		
198	94.2	74.2	111.4
97	44.3	37.0	55.6
132	22.5	18.5	27.7

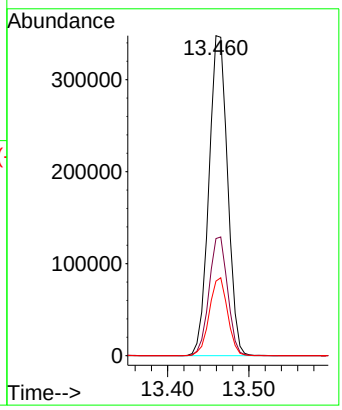




#45
2-Fluorobiphenyl
Concen: 84.885 ng
RT: 13.460 min Scan# 1
Delta R.T. -0.016 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:172 Resp: 554808

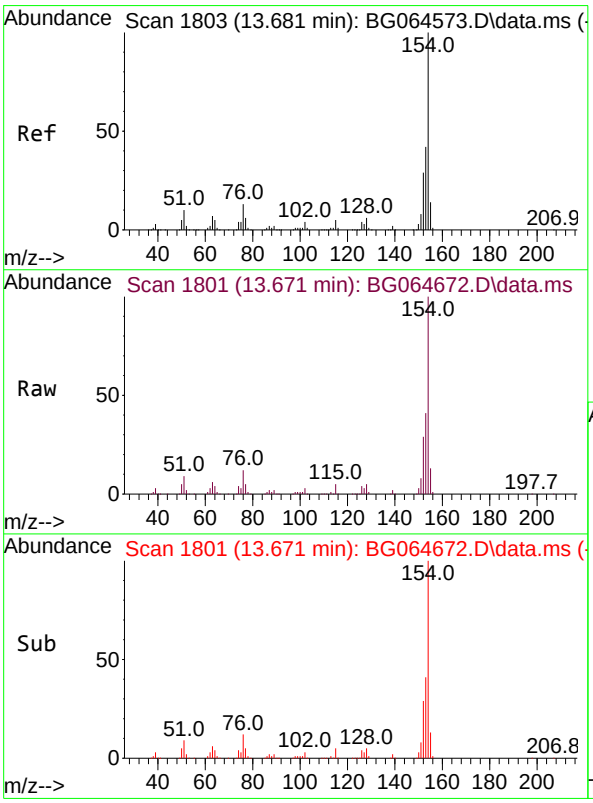
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	23.3	19.1	28.7



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

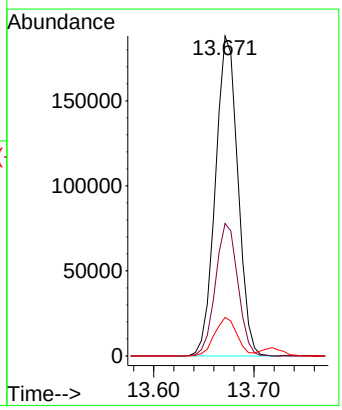
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

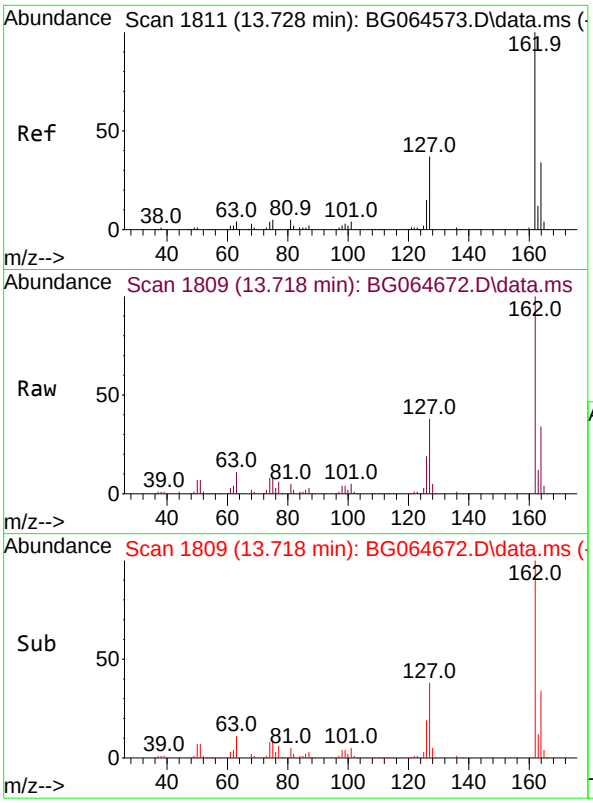


#46
1,1'-Biphenyl
Concen: 41.551 ng
RT: 13.671 min Scan# 1801
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:154 Resp: 292646

Ion	Ratio	Lower	Upper
154	100		
153	41.4	22.4	62.4
76	12.0	0.0	33.5

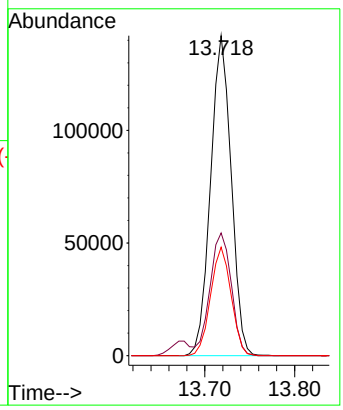




#47
2-Chloronaphthalene
Concen: 42.581 ng
RT: 13.718 min Scan# 18
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:162 Resp: 22637

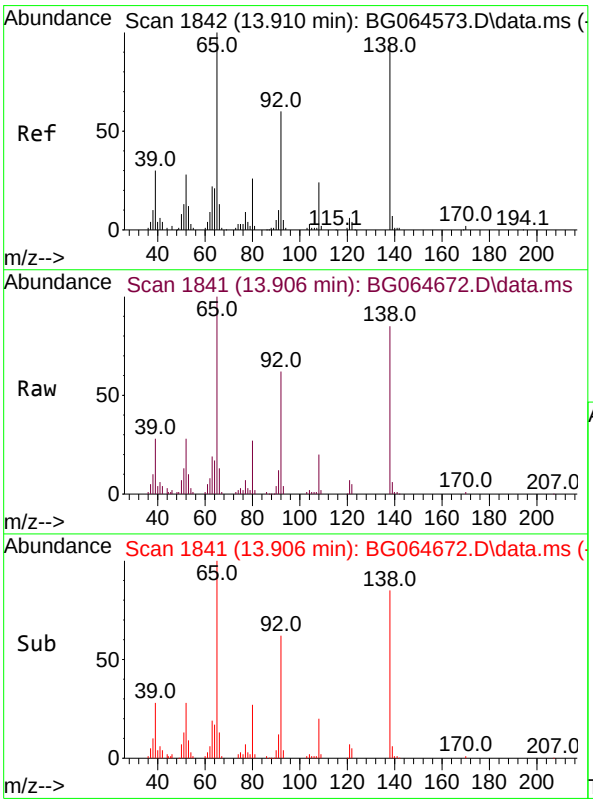
Ion	Ratio	Lower	Upper
162	100		
127	38.3	32.2	48.2
164	33.9	27.5	41.3



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

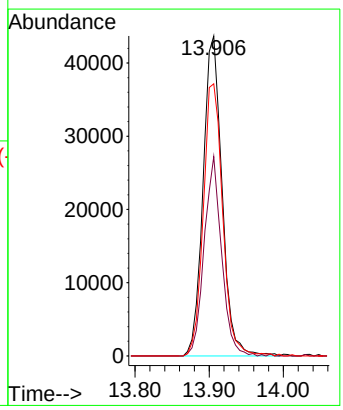
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

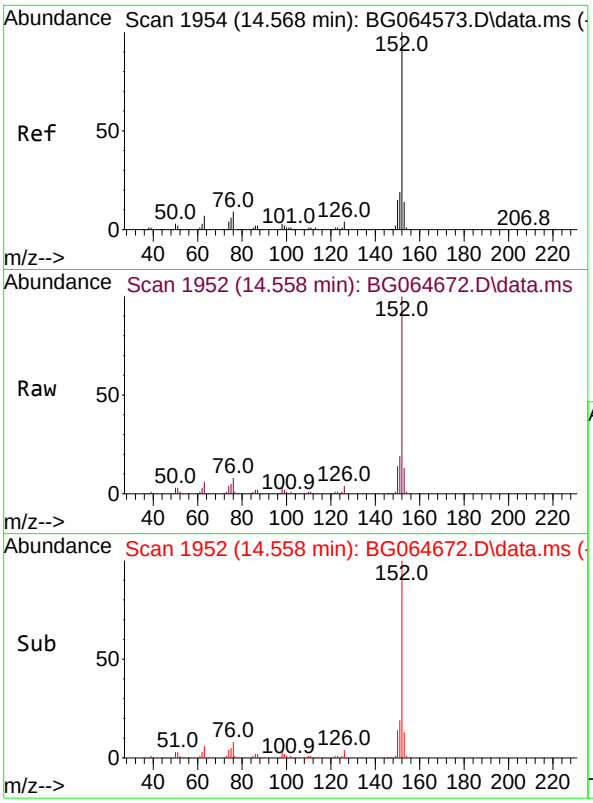


#48
2-Nitroaniline
Concen: 43.704 ng
RT: 13.906 min Scan# 1841
Delta R.T. -0.004 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion: 65 Resp: 77449

Ion	Ratio	Lower	Upper
65	100		
92	62.3	48.3	72.5
138	85.0	74.9	112.3

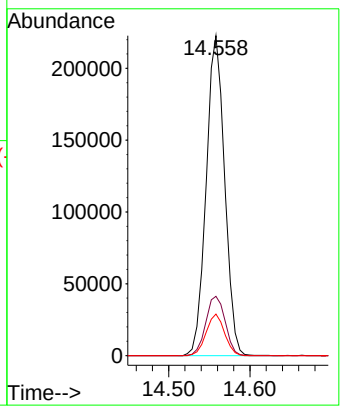




#49
Acenaphthylene
Concen: 41.959 ng
RT: 14.558 min Scan# 19
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:152 Resp: 35185

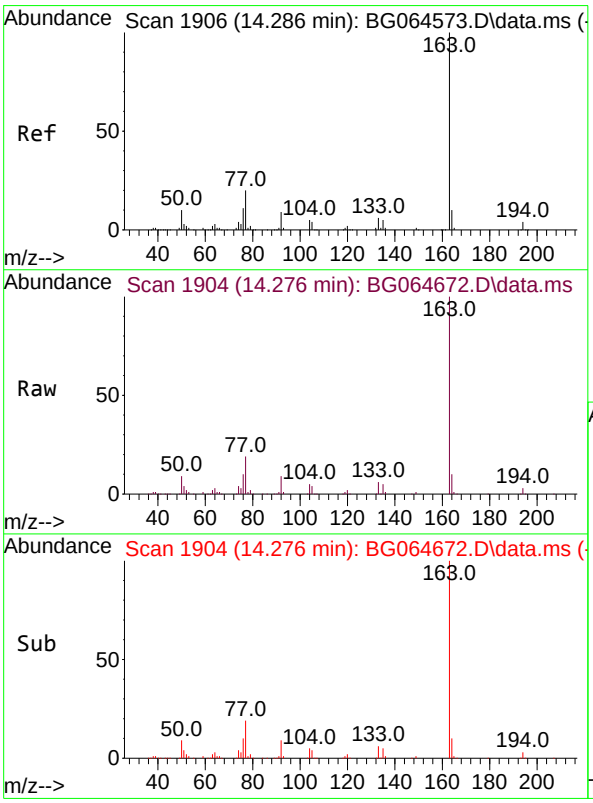
Ion	Ratio	Lower	Upper
152	100		
151	18.5	15.4	23.2
153	13.0	11.0	16.4



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

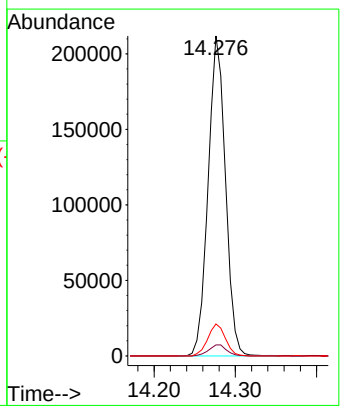
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

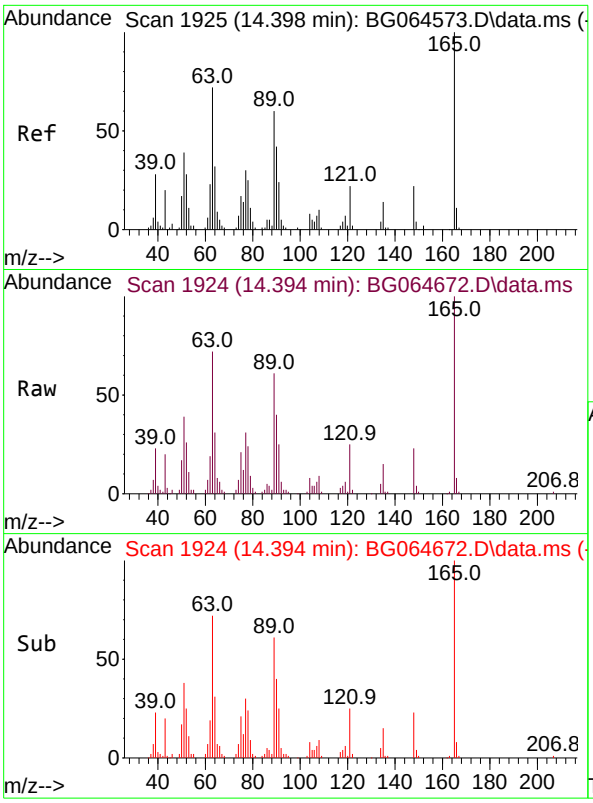


#50
Dimethylphthalate
Concen: 41.409 ng
RT: 14.276 min Scan# 1904
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:163 Resp: 313912

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.8	4.2
164	10.0	7.7	11.5

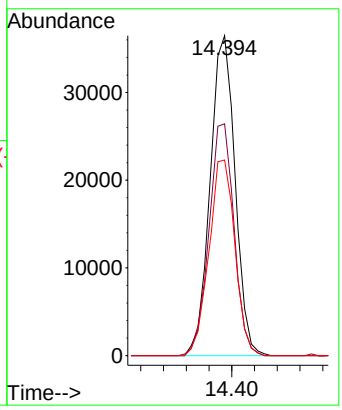




#51
2,6-Dinitrotoluene
Concen: 44.506 ng
RT: 14.394 min Scan# 19
Delta R.T. -0.004 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:165 Resp: 55358

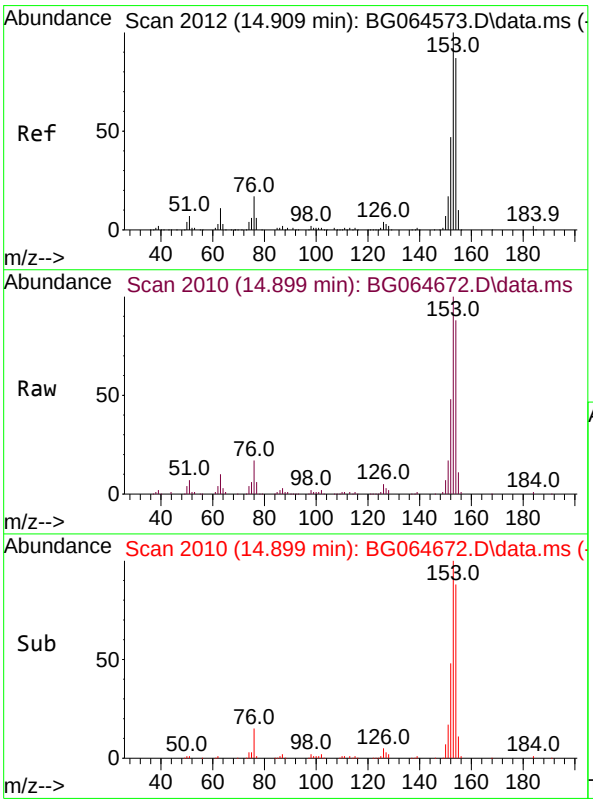
Ion	Ratio	Lower	Upper
165	100		
63	72.4	57.4	86.0
89	61.1	47.8	71.8



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
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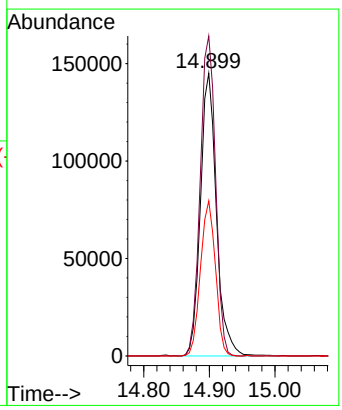
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

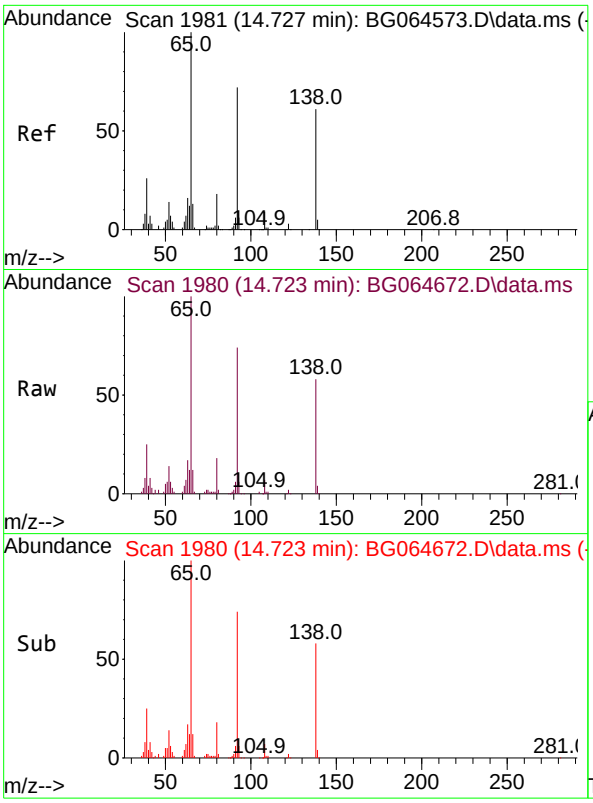


#52
Acenaphthene
Concen: 42.704 ng
RT: 14.899 min Scan# 2010
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:154 Resp: 244659

Ion	Ratio	Lower	Upper
154	100		
153	113.2	92.2	138.4
152	54.8	43.2	64.8





#53
3-Nitroaniline
Concen: 48.280 ng
RT: 14.723 min Scan# 19
Delta R.T. -0.004 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

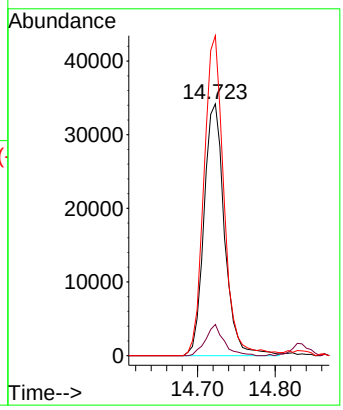
Tgt Ion:138 Resp: 6289

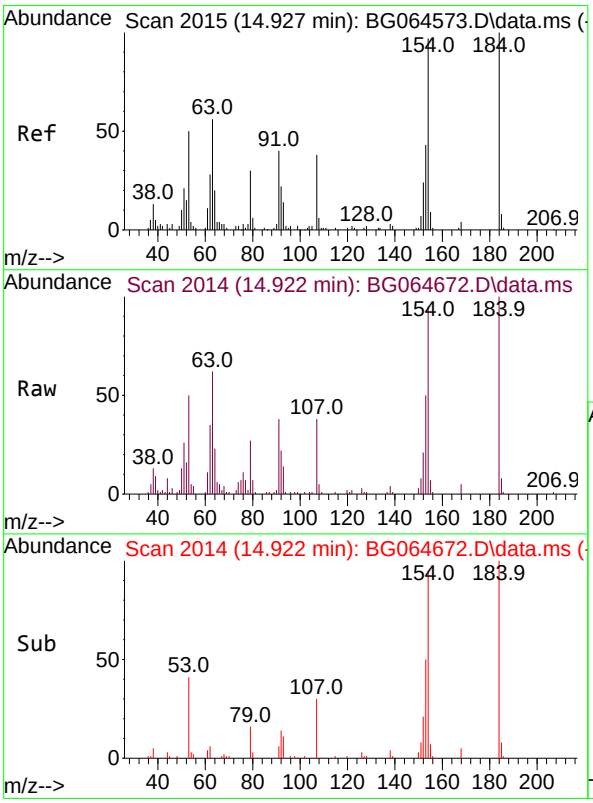
Ion	Ratio	Lower	Upper
138	100		
108	12.3	11.4	17.0
92	127.1	95.3	142.9

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

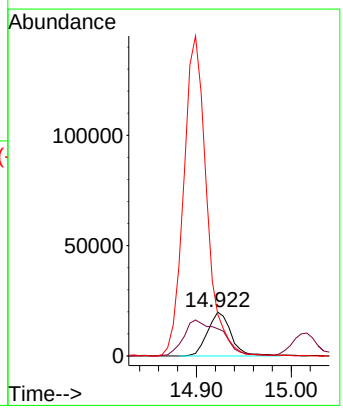


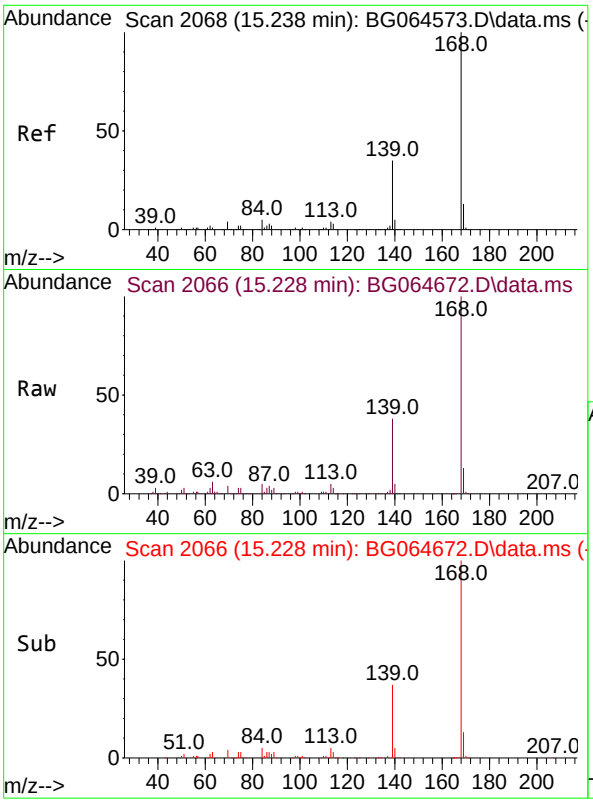


#54
2,4-Dinitrophenol
Concen: 46.693 ng
RT: 14.922 min Scan# 2014
Delta R.T. -0.005 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:184 Resp: 33925

Ion	Ratio	Lower	Upper
184	100		
63	62.1	56.6	85.0
154	94.9	158.6	238.0#

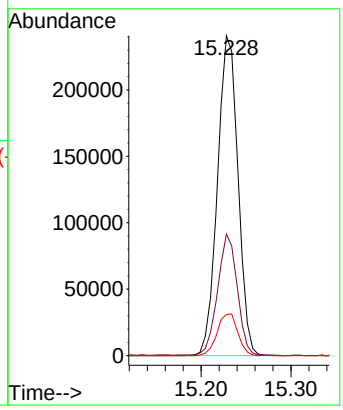




#55
Dibenzofuran
Concen: 41.274 ng
RT: 15.228 min Scan# 2
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:168 Resp: 382299

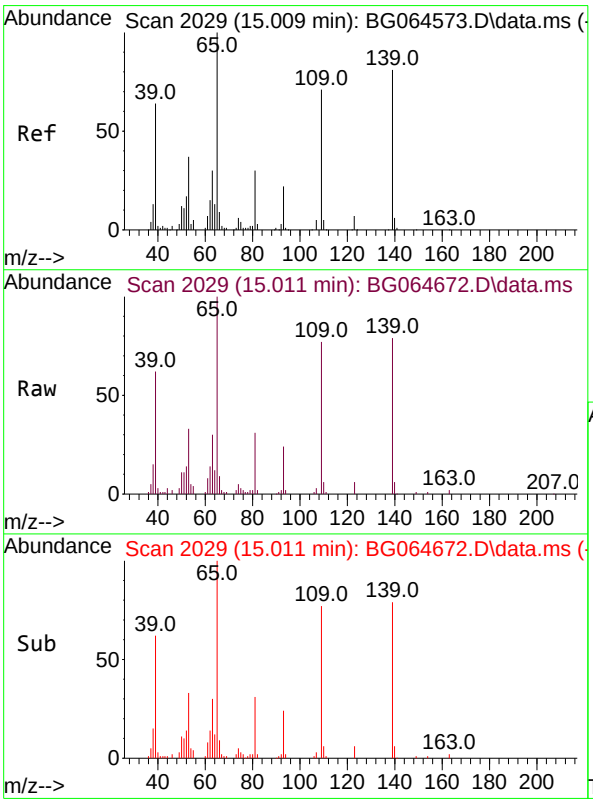
Ion	Ratio	Lower	Upper
168	100		
139	38.0	27.8	41.8
169	12.8	10.3	15.5



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
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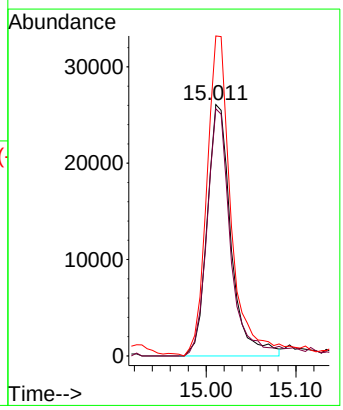
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

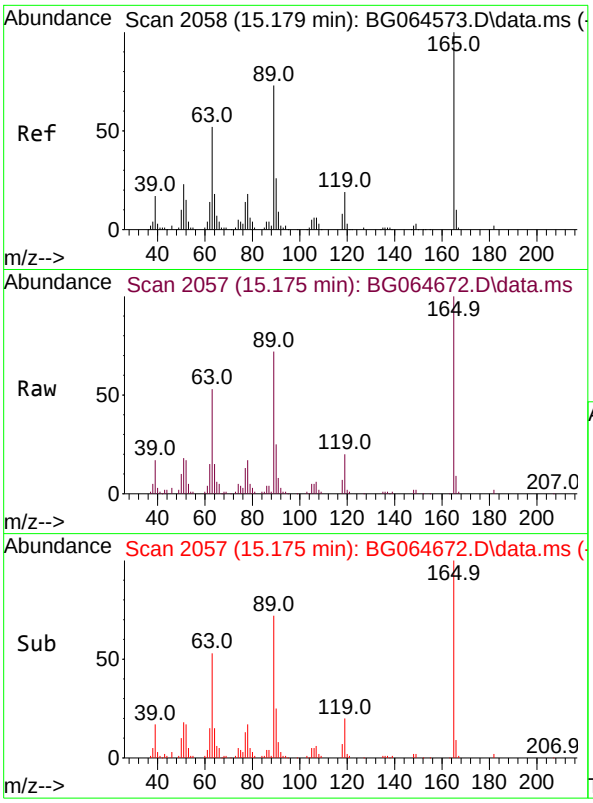


#56
4-Nitrophenol
Concen: 39.829 ng
RT: 15.011 min Scan# 2029
Delta R.T. 0.002 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:139 Resp: 48108

Ion	Ratio	Lower	Upper
139	100		
109	98.3	67.8	107.8
65	127.4	103.7	143.7

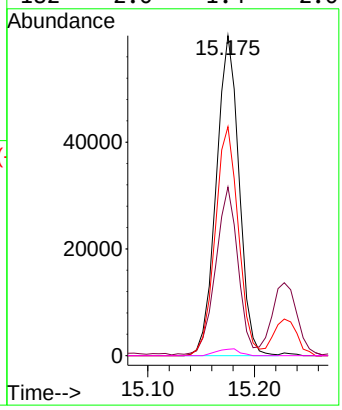




#57
2,4-Dinitrotoluene
Concen: 46.277 ng
RT: 15.175 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:165 Resp: 8927

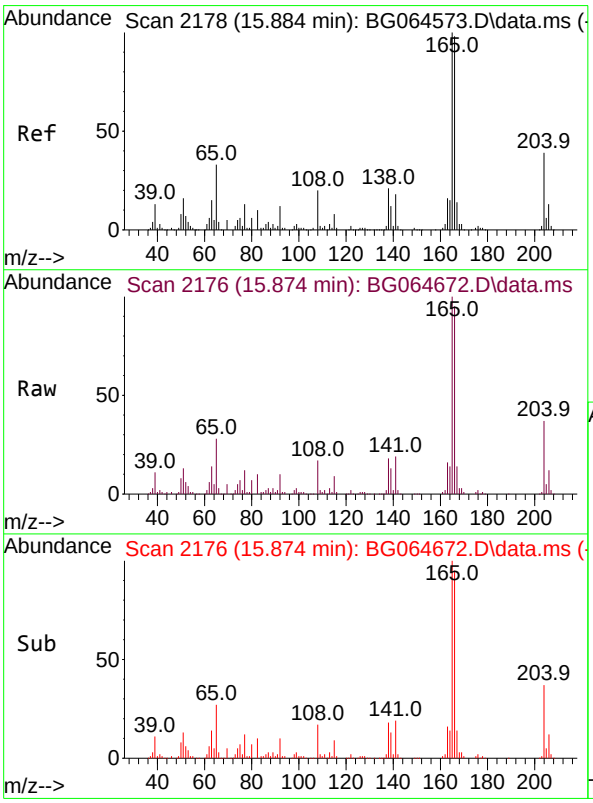
Ion	Ratio	Lower	Upper
165	100		
63	52.7	41.8	62.8
89	71.5	58.1	87.1
182	2.0	1.4	2.0



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
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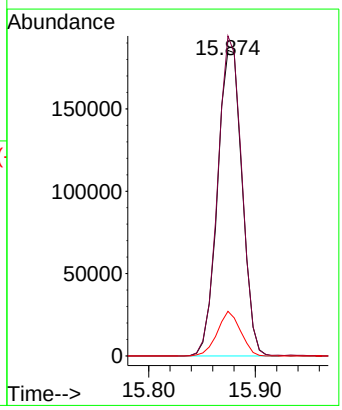
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

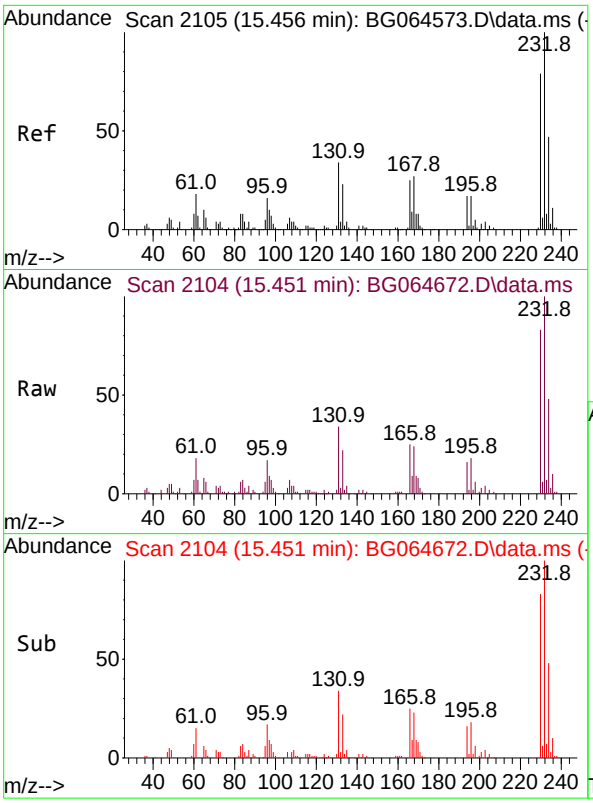


#58
Fluorene
Concen: 41.178 ng
RT: 15.874 min Scan# 2176
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:166 Resp: 297866

Ion	Ratio	Lower	Upper
166	100		
165	104.8	81.5	122.3
167	14.6	11.4	17.0

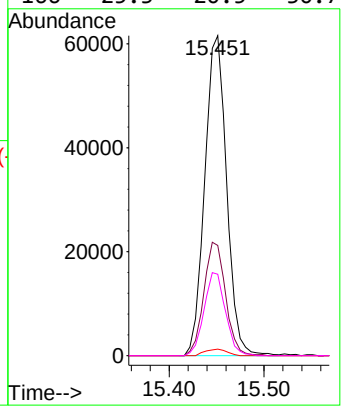




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.027 ng
RT: 15.451 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:232 Resp: 9869

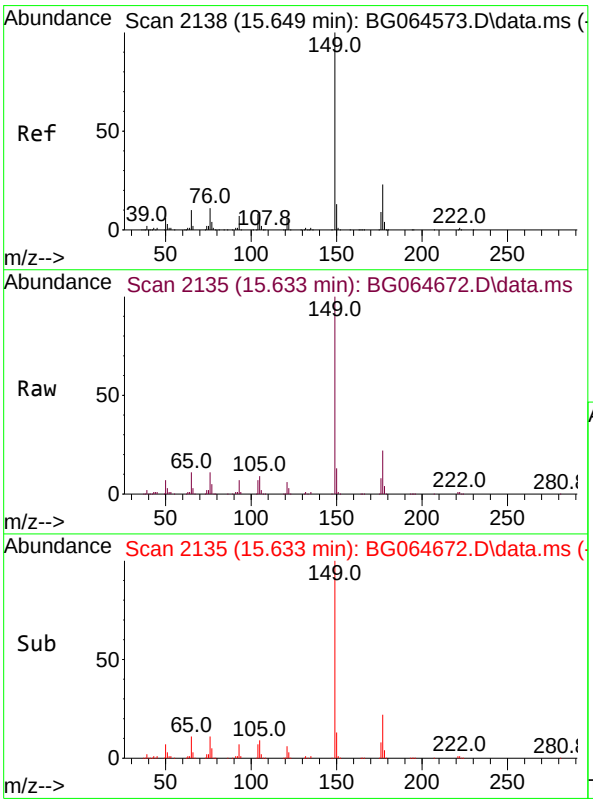
Ion	Ratio	Lower	Upper
232	100		
131	35.2	26.7	40.1
130	2.0	1.6	2.4
166	25.3	20.5	30.7



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

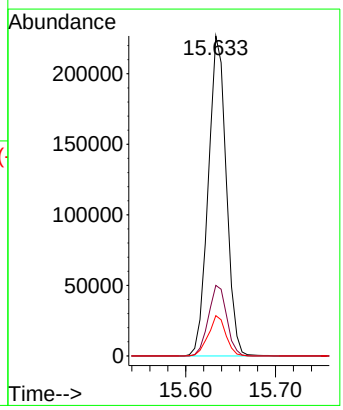
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

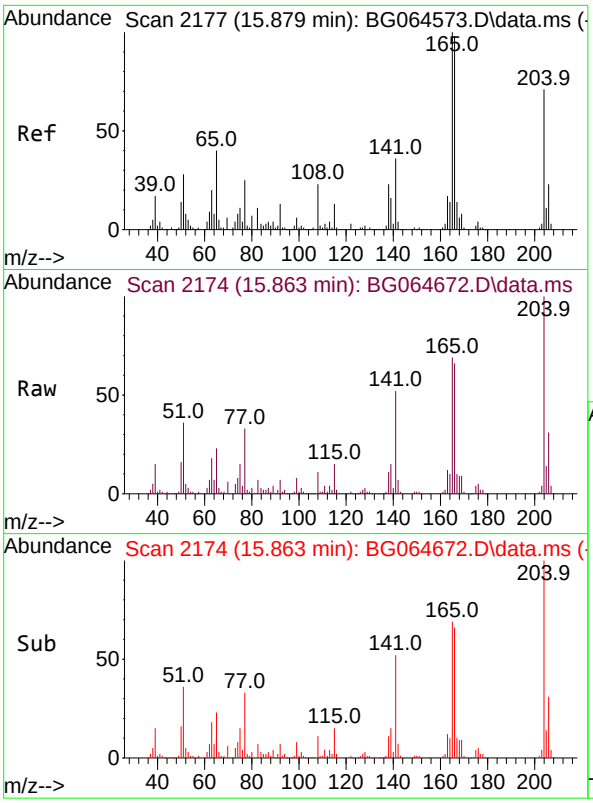


#60
Diethylphthalate
Concen: 40.801 ng
RT: 15.633 min Scan# 2135
Delta R.T. -0.016 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:149 Resp: 315813

Ion	Ratio	Lower	Upper
149	100		
177	22.0	18.0	27.0
150	12.6	10.2	15.4

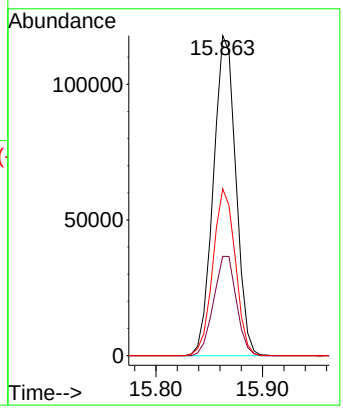




#61
4-Chlorophenyl-phenylether
Concen: 42.698 ng
RT: 15.863 min Scan# 21
Delta R.T. -0.016 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:204 Resp: 173330

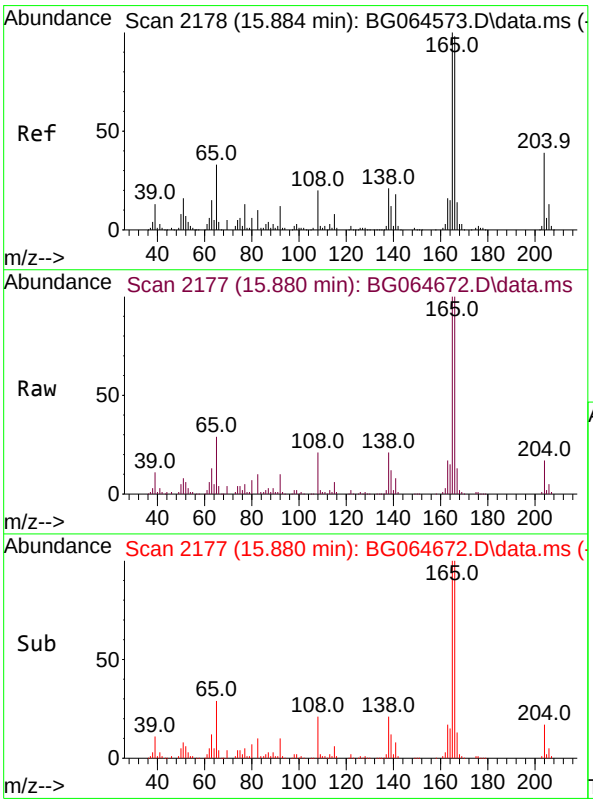
Ion	Ratio	Lower	Upper
204	100		
206	31.0	25.6	38.4
141	52.1	40.6	60.8



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
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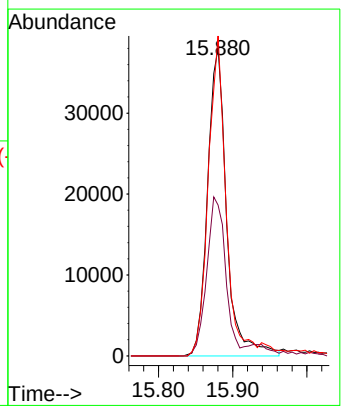
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

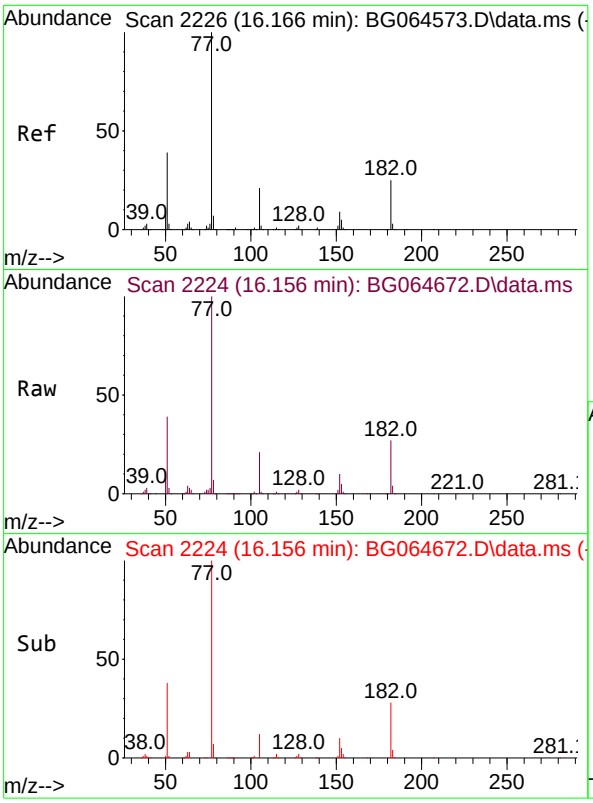


#62
4-Nitroaniline
Concen: 46.657 ng
RT: 15.880 min Scan# 2177
Delta R.T. -0.004 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:138 Resp: 67624

Ion	Ratio	Lower	Upper
138	100		
92	49.0	36.1	76.1
108	104.0	75.6	115.6

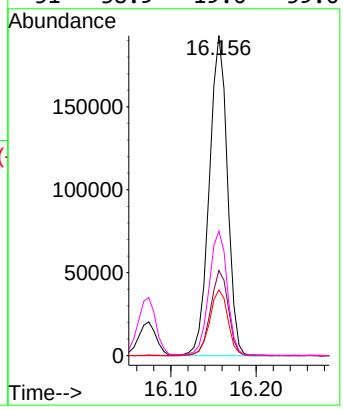




#63
Azobenzene
Concen: 39.981 ng
RT: 16.156 min Scan# 2
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion: 77 Resp: 283949

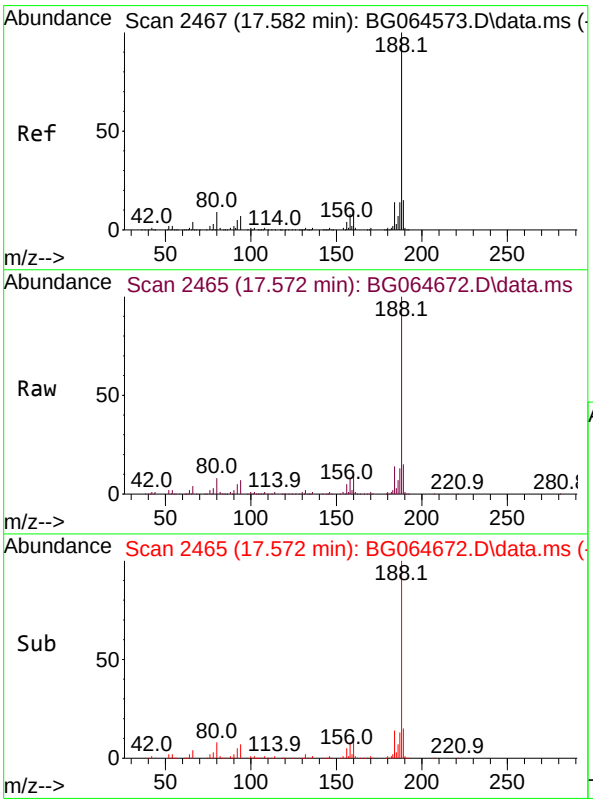
Ion	Ratio	Lower	Upper
77	100		
182	26.6	4.9	44.9
105	20.5	1.3	41.3
51	38.9	19.0	59.0



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

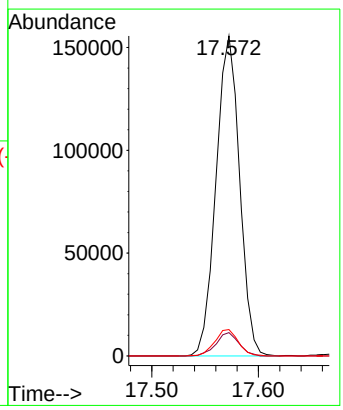
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

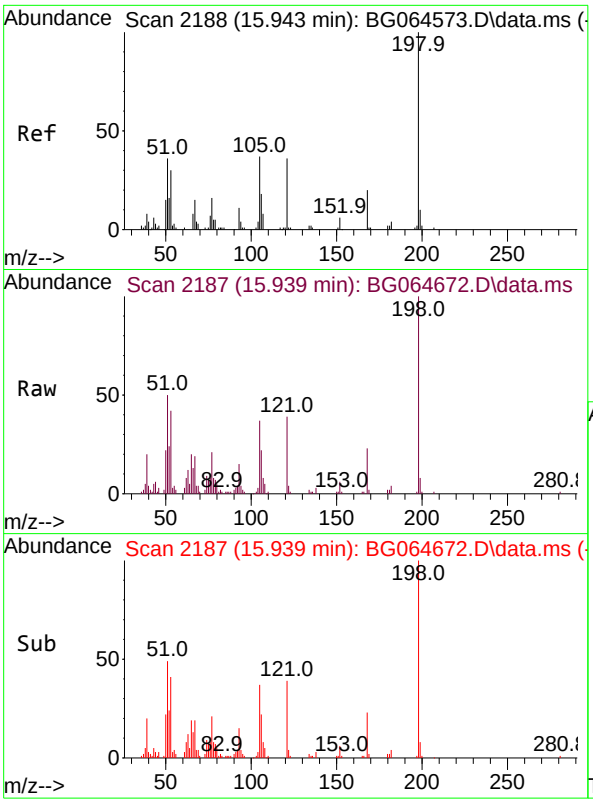


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.572 min Scan# 2465
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:188 Resp: 239125

Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.7	8.5
80	8.2	6.8	10.2

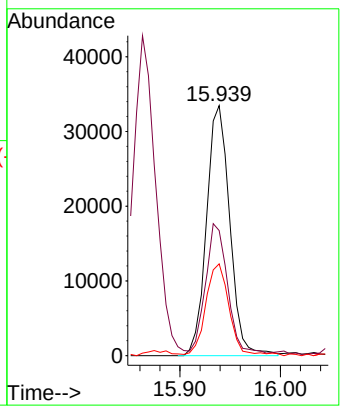




#65
4,6-Dinitro-2-methylphenol
Concen: 50.767 ng
RT: 15.939 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:198 Resp: 5378

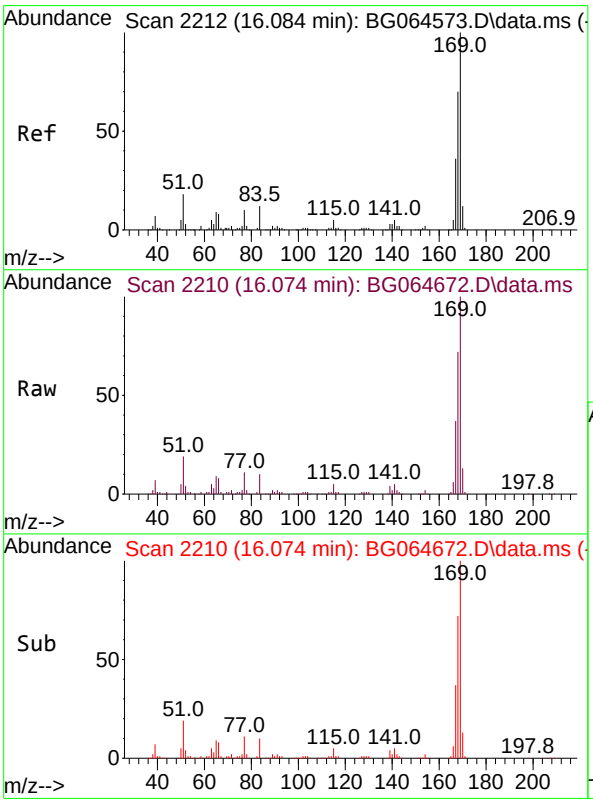
Ion	Ratio	Lower	Upper
198	100		
51	50.0	24.7	64.7
105	36.7	18.0	58.0



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

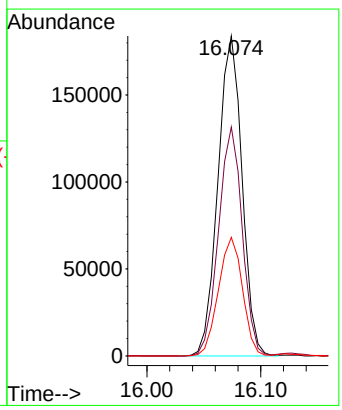
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

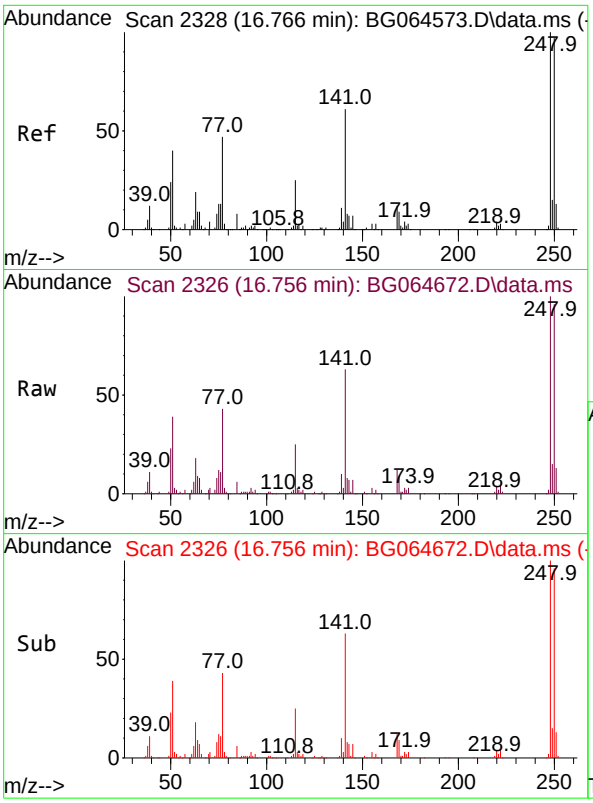


#66
n-Nitrosodiphenylamine
Concen: 41.885 ng
RT: 16.074 min Scan# 2210
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:169 Resp: 270553

Ion	Ratio	Lower	Upper
169	100		
168	71.5	56.3	84.5
167	37.0	29.0	43.6

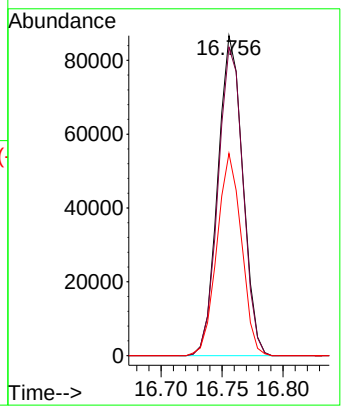




#67
4-Bromophenyl-phenylether
Concen: 43.489 ng
RT: 16.756 min Scan# 2
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:248 Resp: 12323

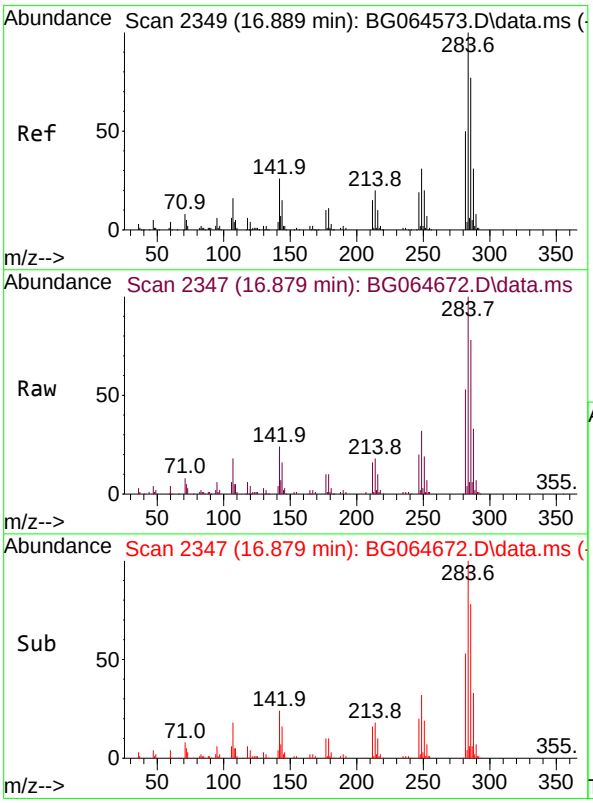
Ion	Ratio	Lower	Upper
248	100		
250	96.4	77.7	116.5
141	63.2	48.6	72.8



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

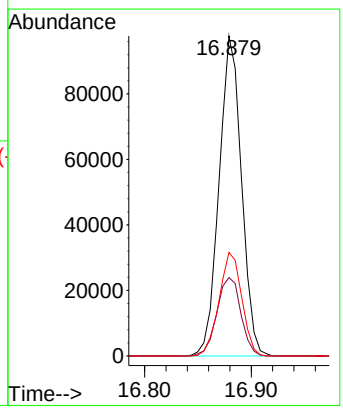
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

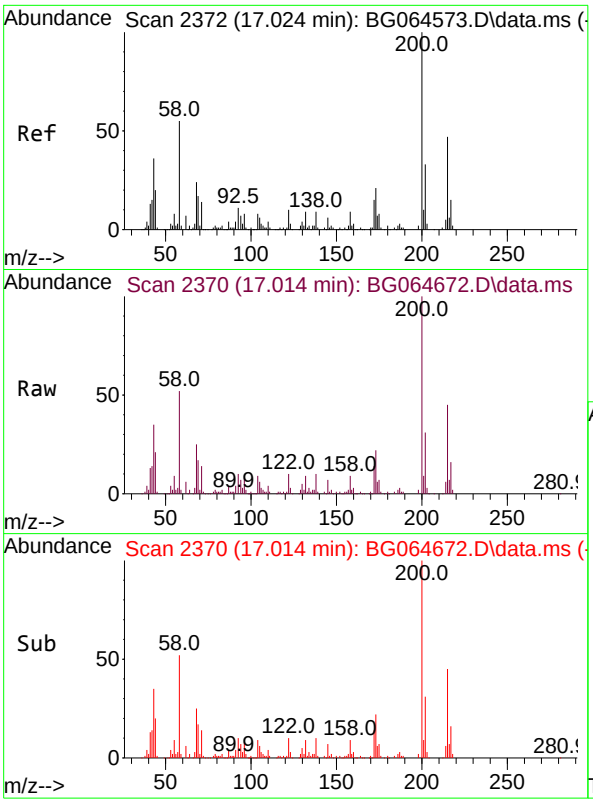


#68
Hexachlorobenzene
Concen: 44.183 ng
RT: 16.879 min Scan# 2347
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:284 Resp: 142836

Ion	Ratio	Lower	Upper
284	100		
142	24.5	21.0	31.6
249	35.1	24.9	37.3

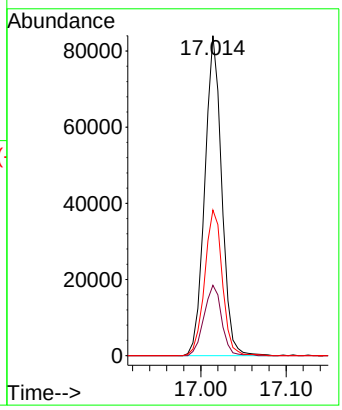




#69
Atrazine
Concen: 41.597 ng
RT: 17.014 min Scan# 2
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:200 Resp: 11562

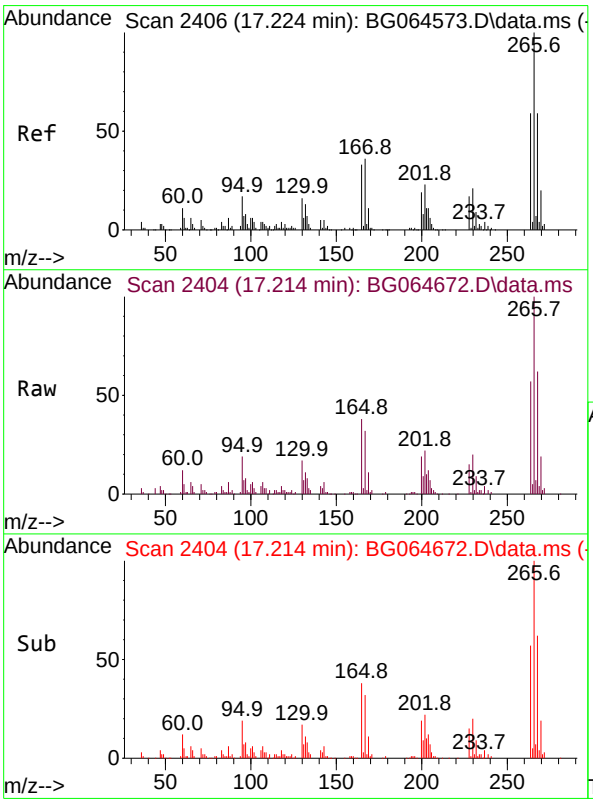
Ion	Ratio	Lower	Upper
200	100		
173	22.0	0.9	40.9
215	45.5	27.0	67.0



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

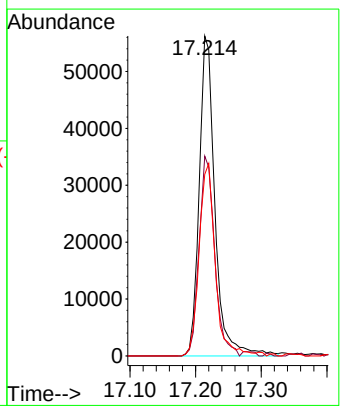
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

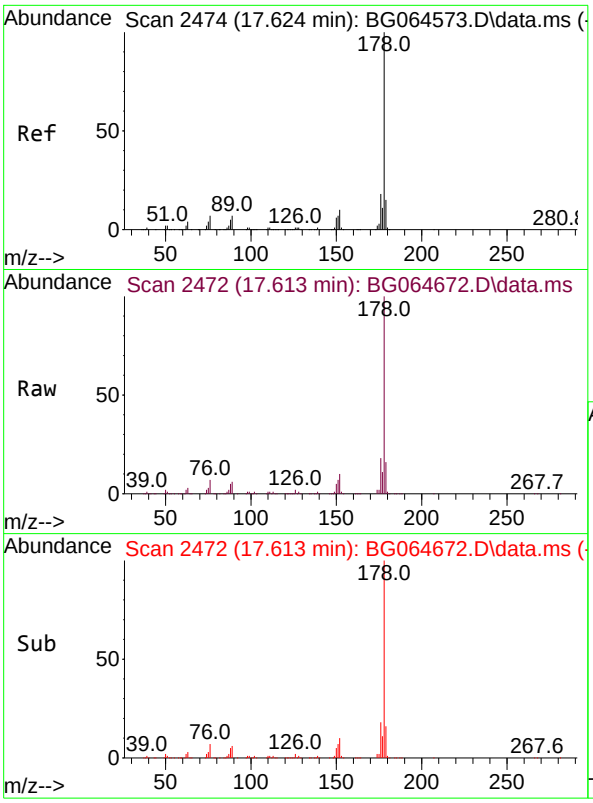


#70
Pentachlorophenol
Concen: 46.238 ng
RT: 17.214 min Scan# 2404
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:266 Resp: 93212

Ion	Ratio	Lower	Upper
266	100		
268	66.6	50.3	75.5
264	56.7	47.3	70.9

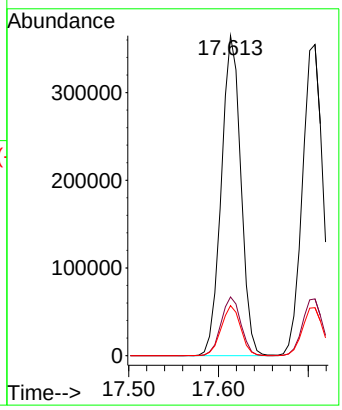




#71
Phenanthrene
Concen: 42.178 ng
RT: 17.613 min Scan# 24
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:178 Resp: 551558

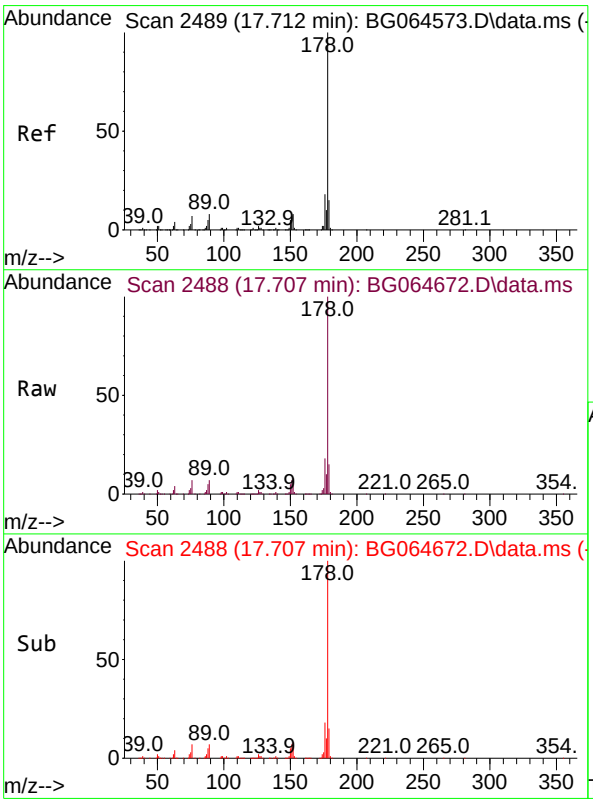
Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.7	22.1
179	15.6	12.2	18.4



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

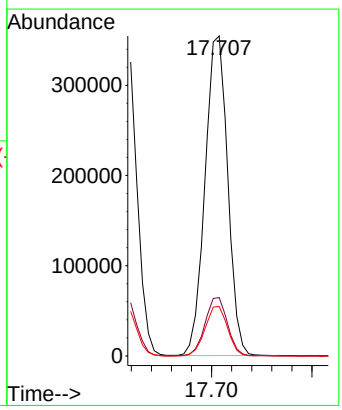
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

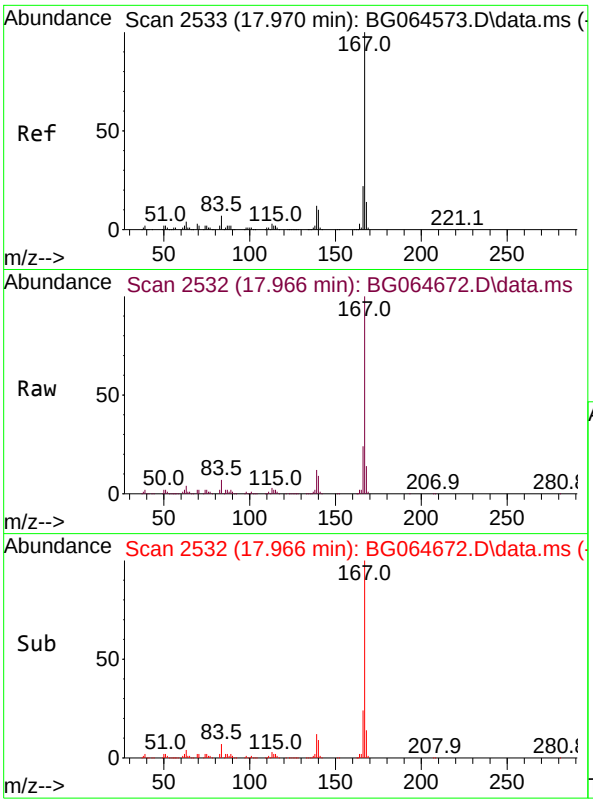


#72
Anthracene
Concen: 41.818 ng
RT: 17.707 min Scan# 2488
Delta R.T. -0.004 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:178 Resp: 556268

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.4	21.6
179	15.4	12.4	18.6

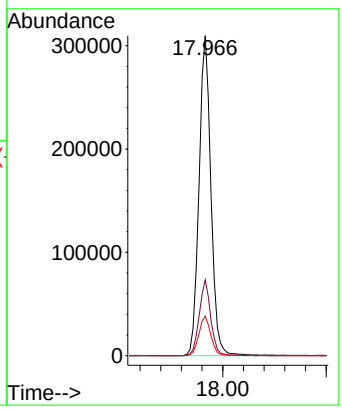




#73
Carbazole
Concen: 42.055 ng
RT: 17.966 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:167 Resp: 49330

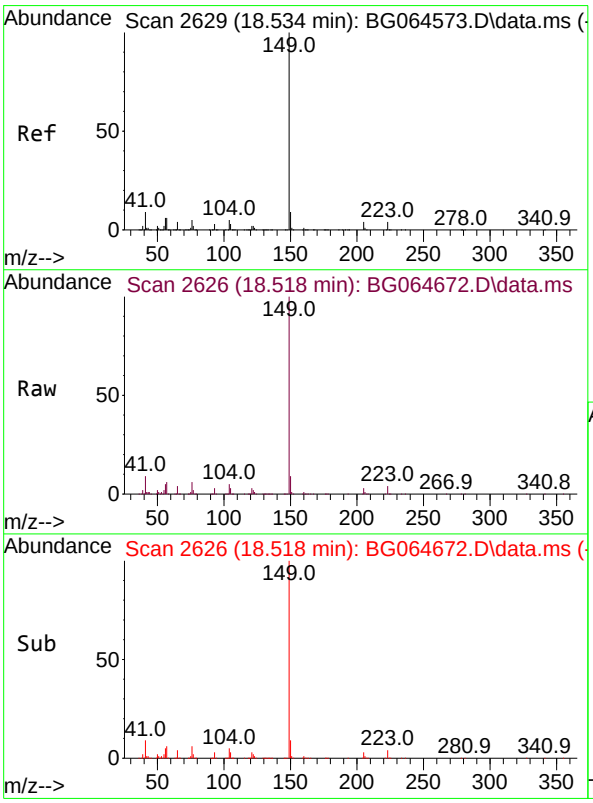
Ion	Ratio	Lower	Upper
167	100		
166	23.7	17.9	26.9
139	12.3	9.7	14.5



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

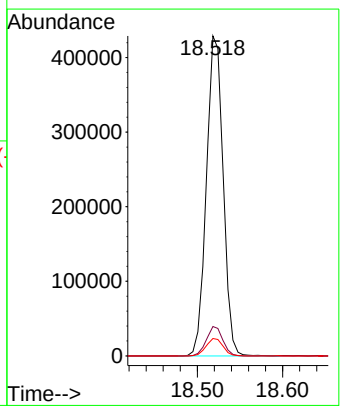
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

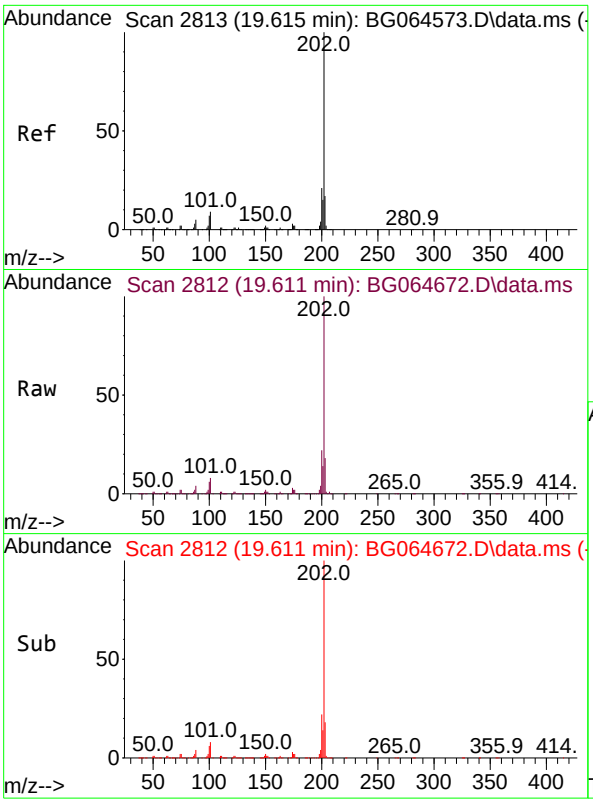


#74
Di-n-butylphthalate
Concen: 43.058 ng
RT: 18.518 min Scan# 2626
Delta R.T. -0.016 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:149 Resp: 584049

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.0	10.6
104	5.4	4.1	6.1

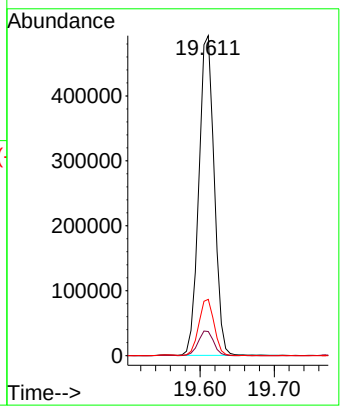




#75
Fluoranthene
Concen: 43.270 ng
RT: 19.611 min Scan# 28
Delta R.T. -0.004 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:202 Resp: 708849

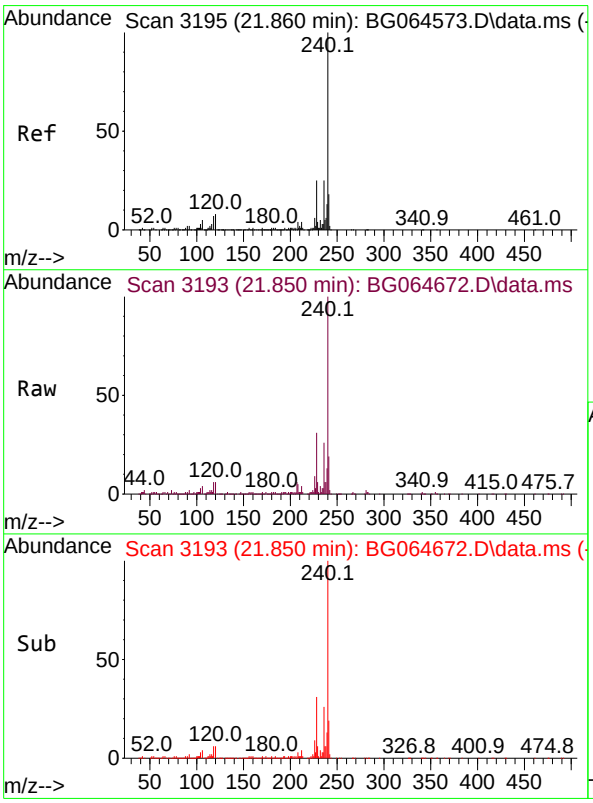
Ion	Ratio	Lower	Upper
202	100		
101	7.5	0.0	28.7
203	17.6	0.0	37.0



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

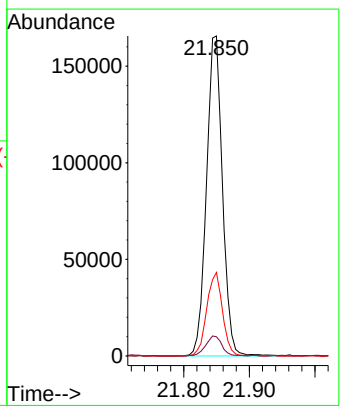
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

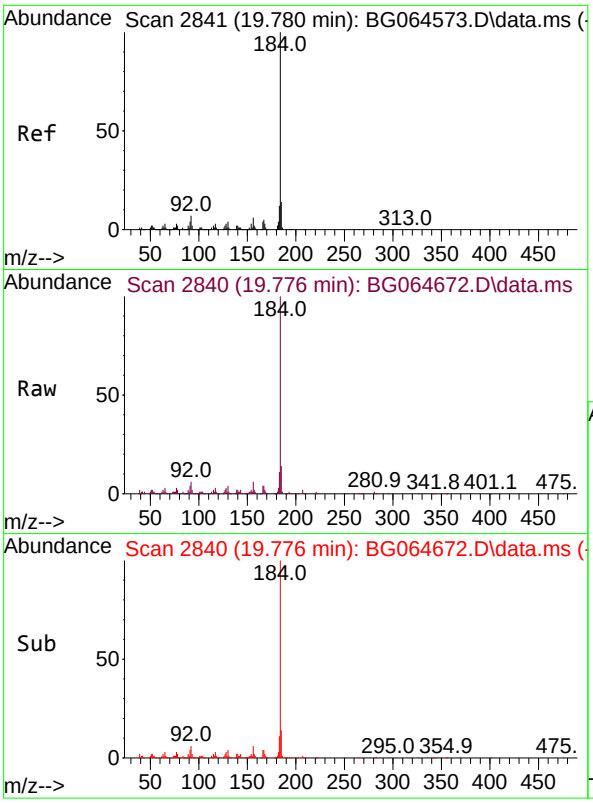


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.850 min Scan# 3193
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:240 Resp: 279624

Ion	Ratio	Lower	Upper
240	100		
120	6.0	6.5	9.7#
236	26.1	20.2	30.2

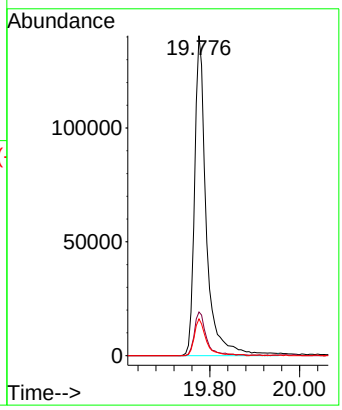




#77
Benzidine
Concen: 40.759 ng
RT: 19.776 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:184 Resp: 25534

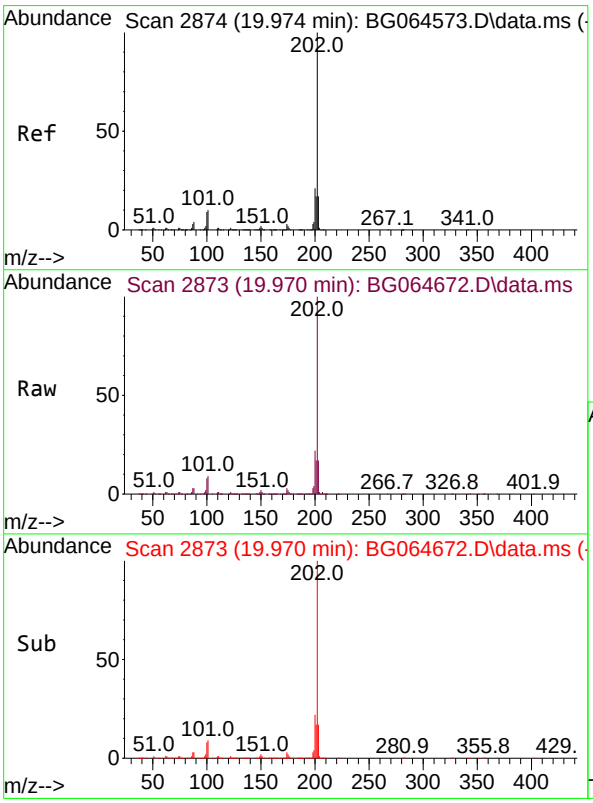
Ion	Ratio	Lower	Upper
184	100		
185	13.6	11.4	17.2
183	11.5	9.4	14.2



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

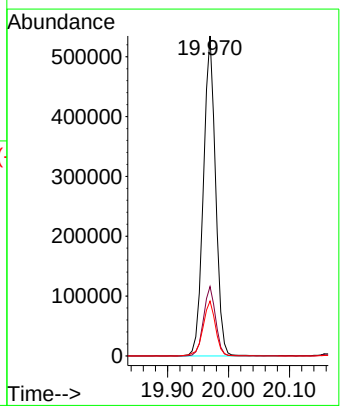
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

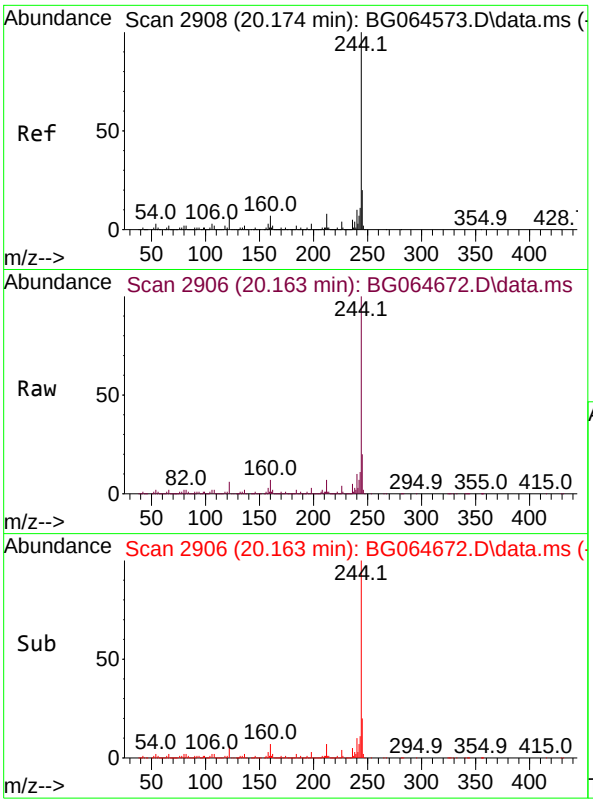


#78
Pyrene
Concen: 40.556 ng
RT: 19.970 min Scan# 2873
Delta R.T. -0.004 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:202 Resp: 740926

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.0	25.4
203	17.1	13.8	20.6

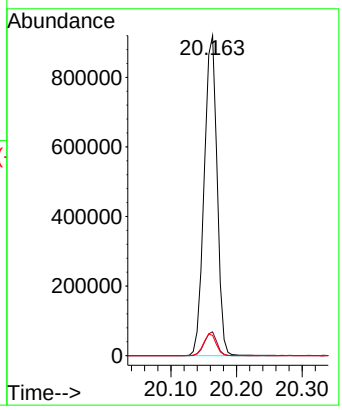




#79
Terphenyl-d14
Concen: 84.242 ng
RT: 20.163 min Scan# 29
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:244 Resp: 124822

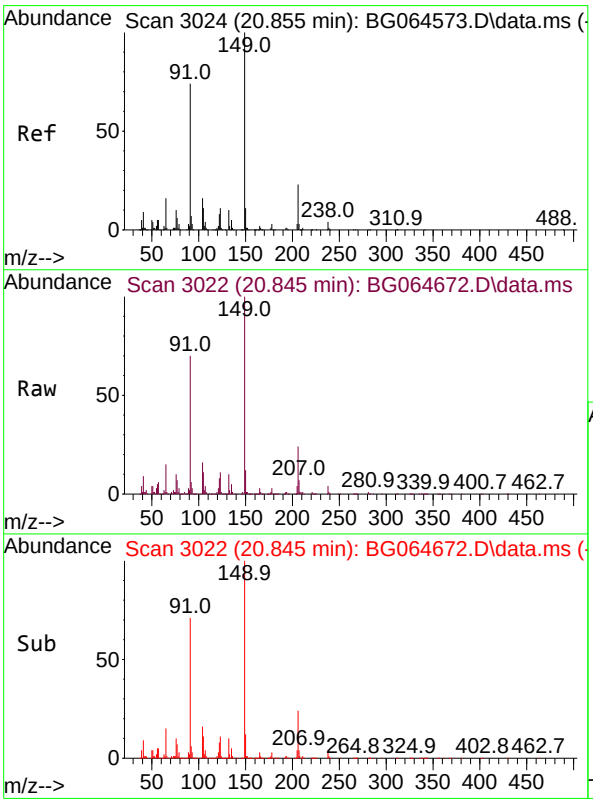
Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	6.3	5.6	8.4



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

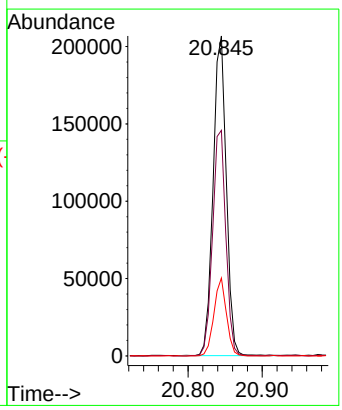
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

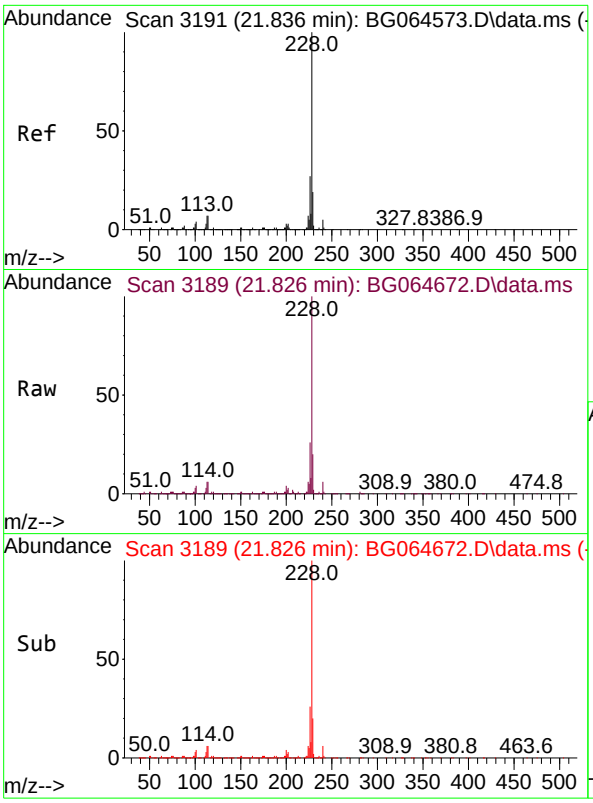


#80
Butylbenzylphthalate
Concen: 46.264 ng
RT: 20.845 min Scan# 3022
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:149 Resp: 255451

Ion	Ratio	Lower	Upper
149	100		
91	70.5	59.2	88.8
206	24.3	18.1	27.1

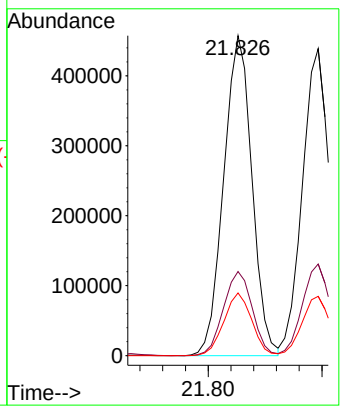




#81
Benzo(a)anthracene
Concen: 42.655 ng
RT: 21.826 min Scan# 3
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:228 Resp: 79085

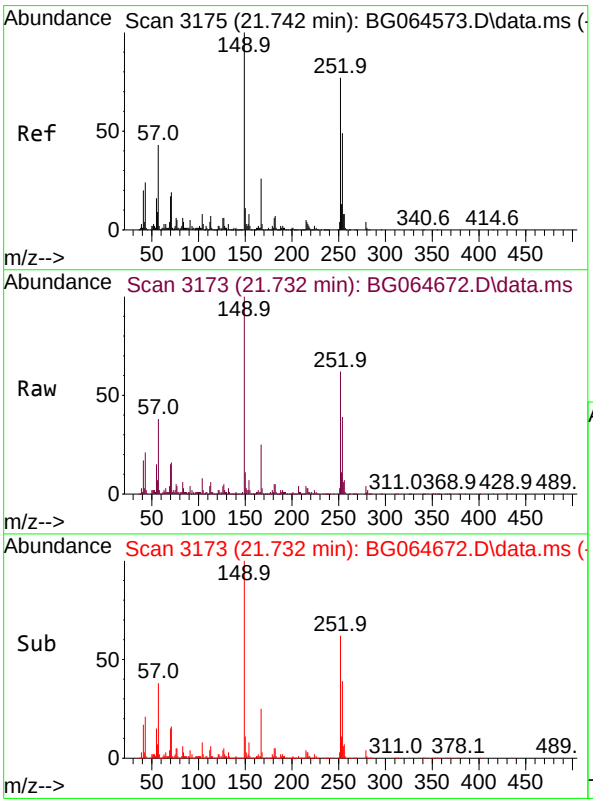
Ion	Ratio	Lower	Upper
228	100		
226	26.3	21.9	32.9
229	19.6	15.6	23.4



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

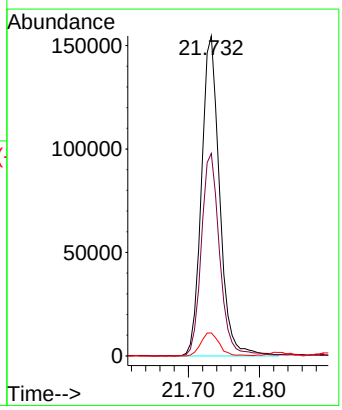
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

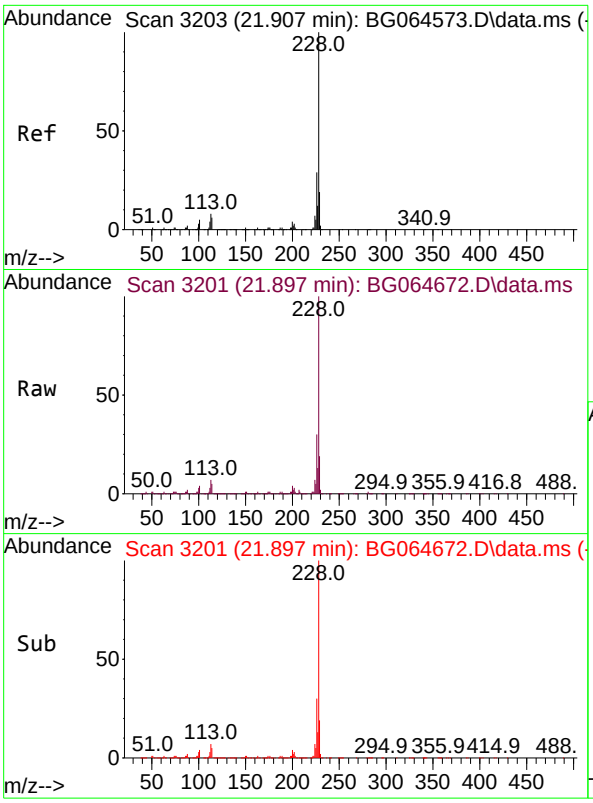


#82
3,3'-Dichlorobenzidine
Concen: 44.105 ng
RT: 21.732 min Scan# 3173
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:252 Resp: 273071

Ion	Ratio	Lower	Upper
252	100		
254	63.3	50.8	76.2
126	7.2	5.8	8.6

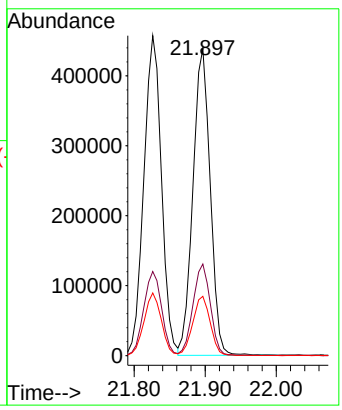




#83
Chrysene
Concen: 41.835 ng
RT: 21.897 min Scan# 3
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:228 Resp: 73804

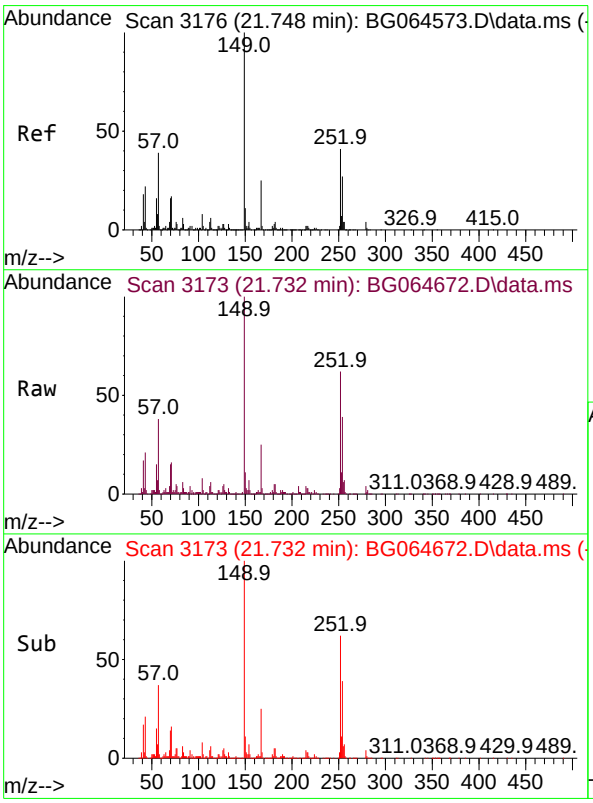
Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.3	34.9
229	19.3	15.2	22.8



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

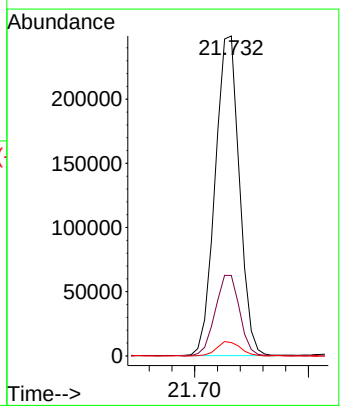
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

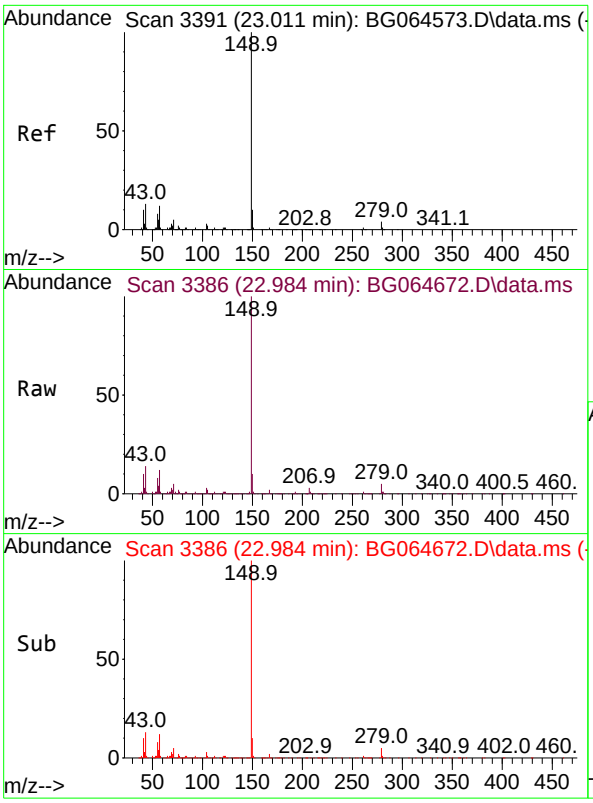


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.617 ng
RT: 21.732 min Scan# 3173
Delta R.T. -0.016 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:149 Resp: 368117

Ion	Ratio	Lower	Upper
149	100		
167	25.2	20.0	30.0
279	4.2	3.1	4.7

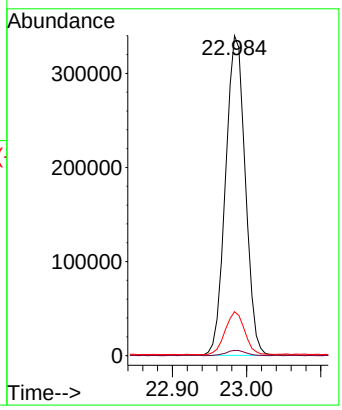




#85
Di-n-octyl phthalate
Concen: 44.998 ng
RT: 22.984 min Scan# 3
Delta R.T. -0.028 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:149 Resp: 62594

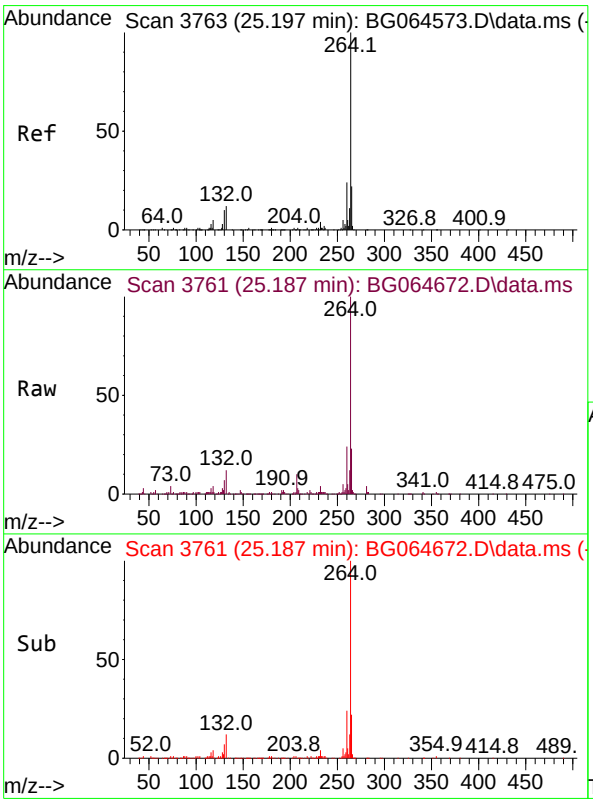
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	13.3	10.8	16.2



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

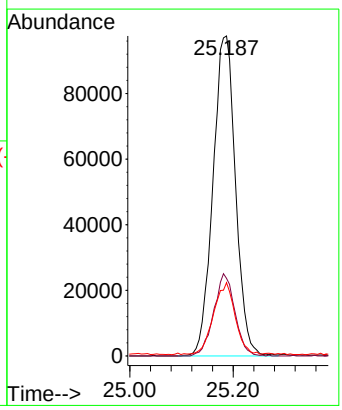
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

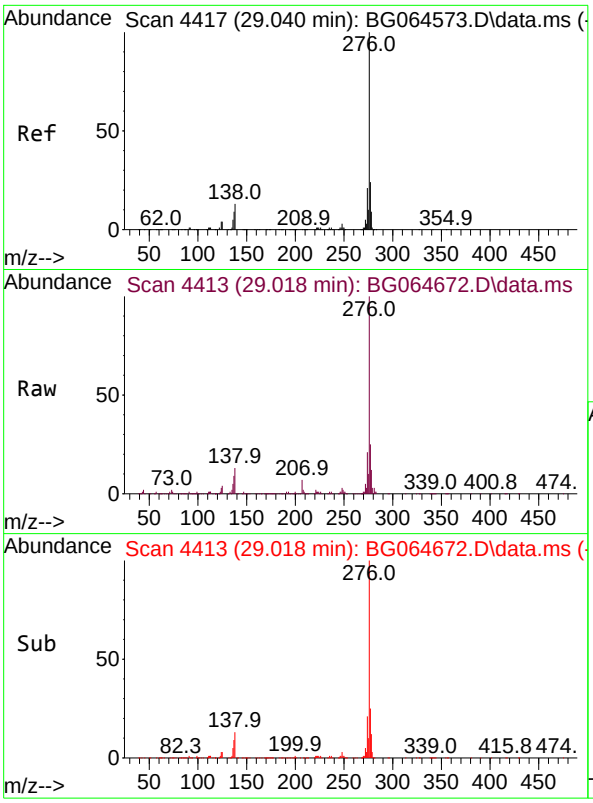


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.187 min Scan# 3761
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:264 Resp: 296512

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.4
265	22.9	17.6	26.4

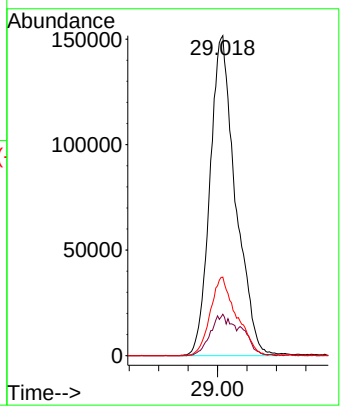




#87
Indeno(1,2,3-cd)pyrene
Concen: 41.975 ng
RT: 29.018 min Scan# 44
Delta R.T. -0.022 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:276 Resp: 91558

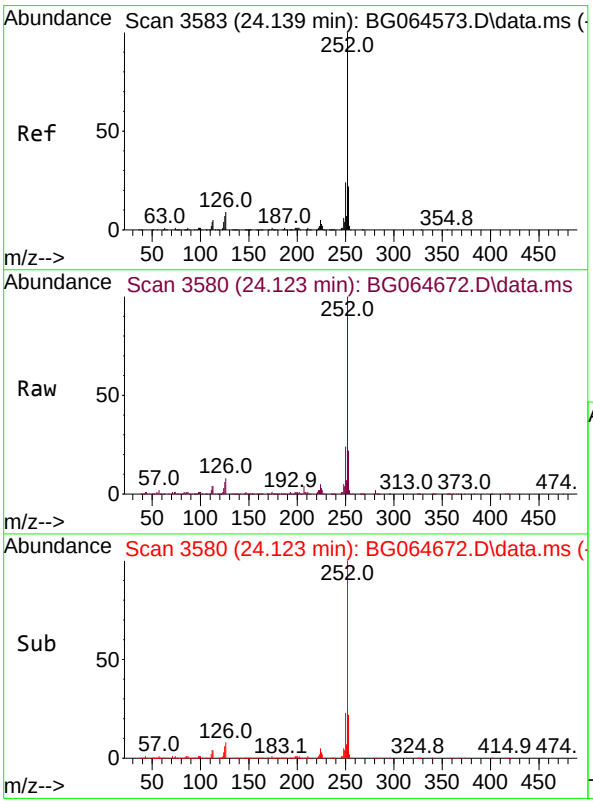
Ion	Ratio	Lower	Upper
276	100		
138	11.2	10.8	16.2
277	25.1	20.1	30.1



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

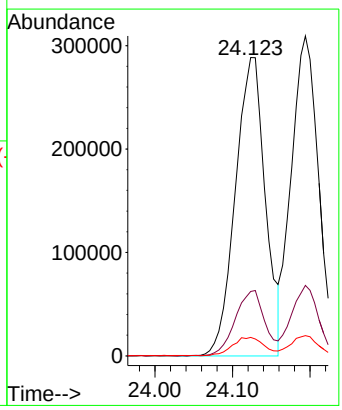
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

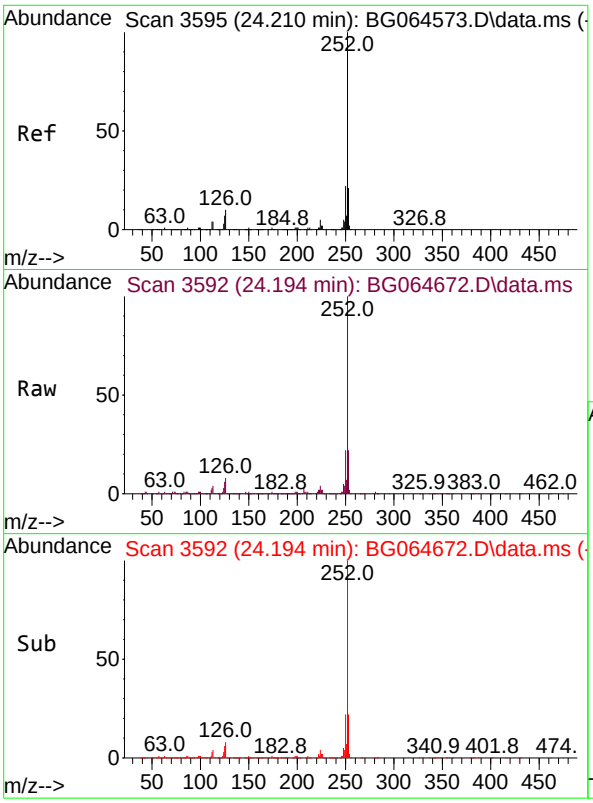


#88
Benzo(b)fluoranthene
Concen: 42.589 ng
RT: 24.123 min Scan# 3580
Delta R.T. -0.016 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:252 Resp: 774349

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.8
125	6.2	5.6	8.4

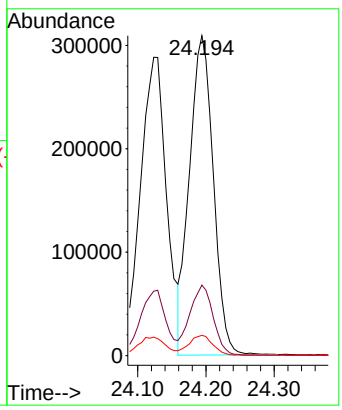




#89
Benzo(k)fluoranthene
Concen: 41.321 ng
RT: 24.194 min Scan# 3
Delta R.T. -0.016 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:252 Resp: 75181

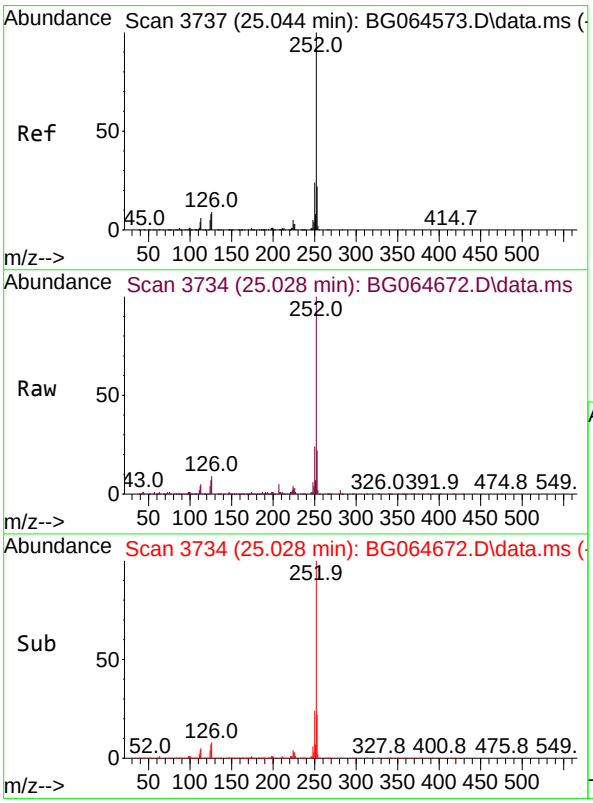
Ion	Ratio	Lower	Upper
252	100		
253	22.0	16.8	25.2
125	6.3	5.4	8.0



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

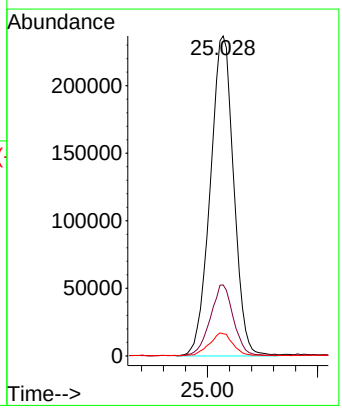
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

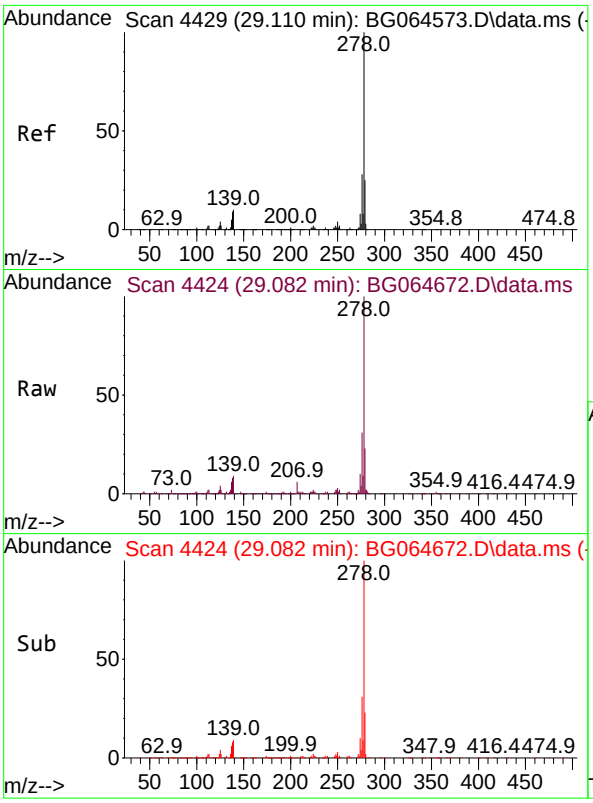


#90
Benzo(a)pyrene
Concen: 41.866 ng
RT: 25.028 min Scan# 3734
Delta R.T. -0.016 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:252 Resp: 699715

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	6.9	6.1	9.1

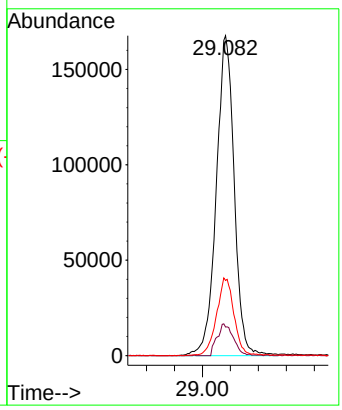




#91
Dibenzo(a,h)anthracene
Concen: 42.104 ng
RT: 29.082 min Scan# 44
Delta R.T. -0.028 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:278 Resp: 74613

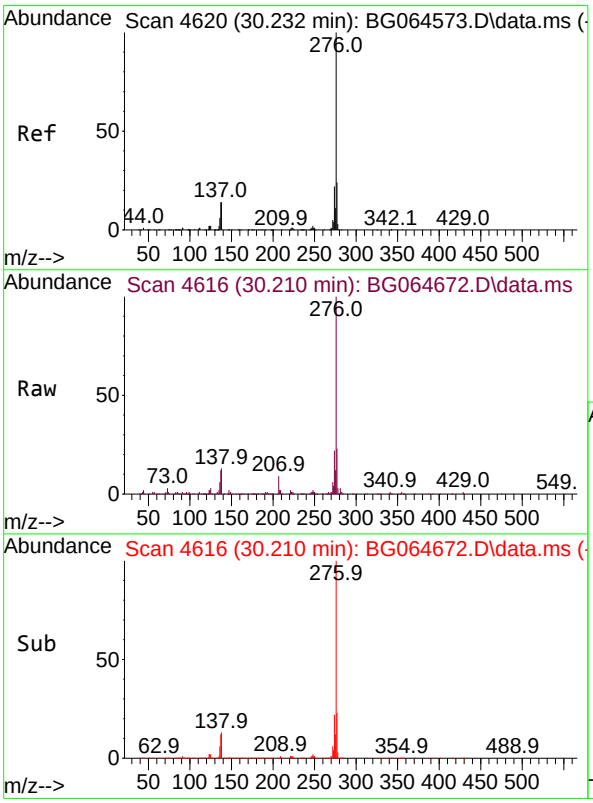
Ion	Ratio	Lower	Upper
278	100		
139	8.9	8.0	12.0
279	23.5	19.8	29.6



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

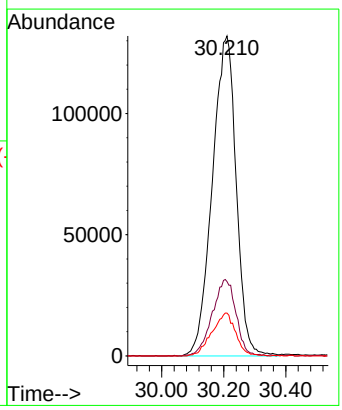
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#92
Benzo(g,h,i)perylene
Concen: 41.544 ng
RT: 30.210 min Scan# 4616
Delta R.T. -0.022 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:276 Resp: 703279

Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.1	28.7
138	13.4	11.3	16.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064672.D
Acq On : 3 Nov 2025 14:35
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Nov 04 00:36:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	79	-0.02
2		1,4-Dioxane	40.000	35.254	11.9	70	-0.01
3		Pyridine	40.000	34.259	14.4	65	0.00
4		n-Nitrosodimethylamine	40.000	36.844	7.9	69	-0.01
5	S	2-Fluorophenol	80.000	79.175	1.0	72	0.00
6		Aniline	40.000	37.583	6.0	70	-0.01
7	S	Phenol-d6	80.000	79.218	1.0	73	0.00
8		2-Chlorophenol	40.000	42.842	-7.1	77	0.00
9		Benzaldehyde	40.000	36.890	7.8	70	0.00
10	C	Phenol	40.000	38.392	4.0	71	0.00
11		bis(2-Chloroethyl)ether	40.000	37.908	5.2	72	-0.01
12		1,3-Dichlorobenzene	40.000	40.785	-2.0	76	-0.01
13	C	1,4-Dichlorobenzene	40.000	41.318	-3.3	78	-0.01
14		1,2-Dichlorobenzene	40.000	39.919	0.2	75	-0.01
15		Benzyl Alcohol	40.000	40.045	-0.1	75	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	39.329	1.7	73	-0.01
17		2-Methylphenol	40.000	40.057	-0.1	75	-0.01
18		Hexachloroethane	40.000	41.974	-4.9	79	-0.01
19	P	n-Nitroso-di-n-propylamine	40.000	40.233	-0.6	74	-0.01
20		3+4-Methylphenols	40.000	37.939	5.2	70	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	77	-0.01
22		Acetophenone	40.000	40.299	-0.7	72	-0.01
23	S	Nitrobenzene-d5	80.000	96.706	-20.9	82	-0.01
24		Nitrobenzene	40.000	46.482	-16.2	79	-0.01
25		Isophorone	40.000	39.826	0.4	70	0.00
26	C	2-Nitrophenol	40.000	48.747	-21.9#	96	-0.01
27		2,4-Dimethylphenol	40.000	41.322	-3.3	70	0.00
28		bis(2-Chloroethoxy)methane	40.000	39.199	2.0	70	-0.02
29	C	2,4-Dichlorophenol	40.000	43.085	-7.7	74	0.00
30		1,2,4-Trichlorobenzene	40.000	41.946	-4.9	75	-0.02
31		Naphthalene	40.000	41.686	-4.2	75	-0.01
32		Benzoic acid	40.000	41.507	-3.8	79	-0.02
33		4-Chloroaniline	40.000	39.714	0.7	72	-0.01
34	C	Hexachlorobutadiene	40.000	44.151	-10.4	80	-0.01
35		Caprolactam	40.000	36.407	9.0	64	0.00
36	C	4-Chloro-3-methylphenol	40.000	42.253	-5.6	73	0.00
37		2-Methylnaphthalene	40.000	42.547	-6.4	77	-0.01
38		1-Methylnaphthalene	40.000	42.041	-5.1	76	-0.01
39	I	Acenaphthene-d10	20.000	20.000	0.0	76	-0.01
40		1,2,4,5-Tetrachlorobenzene	40.000	42.807	-7.0	78	-0.01
41	P	Hexachlorocyclopentadiene	40.000	48.136	-20.3	85	-0.02
42	S	2,4,6-Tribromophenol	80.000	94.664	-18.3	82	0.00
43	C	2,4,6-Trichlorophenol	40.000	46.557	-16.4	80	0.00
44		2,4,5-Trichlorophenol	40.000	44.435	-11.1	77	0.00
45	S	2-Fluorobiphenyl	80.000	84.885	-6.1	77	-0.02
46		1,1'-Biphenyl	40.000	41.551	-3.9	75	-0.01
47		2-Chloronaphthalene	40.000	42.581	-6.5	77	-0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064672.D
Acq On : 3 Nov 2025 14:35
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Nov 04 00:36:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	43.704	-9.3	85	0.00
49		Acenaphthylene	40.000	41.959	-4.9	75	-0.01
50		Dimethylphthalate	40.000	41.409	-3.5	73	-0.01
51		2,6-Dinitrotoluene	40.000	44.506	-11.3	86	0.00
52	C	Acenaphthene	40.000	42.704	-6.8	77	-0.01
53		3-Nitroaniline	40.000	48.280	-20.7	82	0.00
54	P	2,4-Dinitrophenol	40.000	46.693	-16.7	95	0.00
55		Dibenzofuran	40.000	41.274	-3.2	75	-0.01
56	P	4-Nitrophenol	40.000	39.829	0.4	71	0.00
57		2,4-Dinitrotoluene	40.000	46.277	-15.7	89	0.00
58		Fluorene	40.000	41.178	-2.9	75	-0.01
59		2,3,4,6-Tetrachlorophenol	40.000	47.027	-17.6	81	0.00
60		Diethylphthalate	40.000	40.801	-2.0	73	-0.02
61		4-Chlorophenyl-phenylether	40.000	42.698	-6.7	77	-0.02
62		4-Nitroaniline	40.000	46.657	-16.6	79	0.00
63		Azobenzene	40.000	39.981	0.0	71	-0.01
64	I	Phenanthrene-d10	20.000	20.000	0.0	76	-0.01
65		4,6-Dinitro-2-methylphenol	40.000	50.767	-26.9#	104	0.00
66	c	n-Nitrosodiphenylamine	40.000	41.885	-4.7	74	-0.01
67		4-Bromophenyl-phenylether	40.000	43.489	-8.7	76	-0.01
68		Hexachlorobenzene	40.000	44.183	-10.5	78	-0.01
69		Atrazine	40.000	41.597	-4.0	75	-0.01
70	C	Pentachlorophenol	40.000	46.238	-15.6	83	-0.01
71		Phenanthrene	40.000	42.178	-5.4	76	-0.01
72		Anthracene	40.000	41.818	-4.5	75	0.00
73		Carbazole	40.000	42.055	-5.1	76	0.00
74		Di-n-butylphthalate	40.000	43.058	-7.6	75	-0.02
75	C	Fluoranthene	40.000	43.270	-8.2	79	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	84	-0.01
77		Benzidine	40.000	40.759	-1.9	78	0.00
78		Pyrene	40.000	40.556	-1.4	79	0.00
79	S	Terphenyl-d14	80.000	84.242	-5.3	82	-0.01
80		Butylbenzylphthalate	40.000	46.264	-15.7	85	-0.01
81		Benzo(a)anthracene	40.000	42.655	-6.6	84	-0.01
82		3,3'-Dichlorobenzidine	40.000	44.105	-10.3	86	-0.01
83		Chrysene	40.000	41.835	-4.6	82	-0.01
84		Bis(2-ethylhexyl)phthalate	40.000	44.617	-11.5	82	-0.02
85	c	Di-n-octyl phthalate	40.000	44.998	-12.5	87	-0.03
86	I	Perylene-d12	20.000	20.000	0.0	85	-0.01
87		Indeno(1,2,3-cd)pyrene	40.000	41.975	-4.9	83	-0.02
88		Benzo(b)fluoranthene	40.000	42.589	-6.5	83	-0.02
89		Benzo(k)fluoranthene	40.000	41.321	-3.3	83	-0.02
90	C	Benzo(a)pyrene	40.000	41.866	-4.7	83	-0.02
91		Dibenzo(a,h)anthracene	40.000	42.104	-5.3	84	-0.03
92		Benzo(g,h,i)perylene	40.000	41.544	-3.9	83	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064672.D
Acq On : 3 Nov 2025 14:35
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Nov 04 00:36:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 1

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064672.D
Acq On : 3 Nov 2025 14:35
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Nov 04 00:36:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	79	-0.02
2		1,4-Dioxane	0.528	0.465	11.9	70	-0.01
3		Pyridine	1.584	1.357	14.3	65	0.00
4		n-Nitrosodimethylamine	0.850	0.783	7.9	69	-0.01
5	S	2-Fluorophenol	1.192	1.179	1.1	72	0.00
6		Aniline	2.225	2.090	6.1	70	-0.01
7	S	Phenol-d6	1.635	1.619	1.0	73	0.00
8		2-Chlorophenol	1.247	1.336	-7.1	77	0.00
9		Benzaldehyde	0.893	0.823	7.8	70	0.00
10	C	Phenol	1.808	1.736	4.0	71	0.00
11		bis(2-Chloroethyl)ether	1.329	1.260	5.2	72	-0.01
12		1,3-Dichlorobenzene	1.435	1.464	-2.0	76	-0.01
13	C	1,4-Dichlorobenzene	1.460	1.508	-3.3	78	-0.01
14		1,2-Dichlorobenzene	1.408	1.405	0.2	75	-0.01
15		Benzyl Alcohol	1.348	1.350	-0.1	75	0.00
16		2,2'-oxybis(1-Chloropropane	3.487	3.429	1.7	73	-0.01
17		2-Methylphenol	1.201	1.202	-0.1	75	-0.01
18		Hexachloroethane	0.512	0.537	-4.9	79	-0.01
19	P	n-Nitroso-di-n-propylamine	1.130	1.137	-0.6	74	-0.01
20		3+4-Methylphenols	1.688	1.601	5.2	70	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	77	-0.01
22		Acetophenone	0.547	0.551	-0.7	72	-0.01
23	S	Nitrobenzene-d5	0.333	0.403	-21.0	82	-0.01
24		Nitrobenzene	0.362	0.421	-16.3	79	-0.01
25		Isophorone	0.799	0.796	0.4	70	0.00
26	C	2-Nitrophenol	0.121	0.170	-40.5#	96	-0.01
27		2,4-Dimethylphenol	0.297	0.307	-3.4	70	0.00
28		bis(2-Chloroethoxy)methane	0.455	0.446	2.0	70	-0.02
29	C	2,4-Dichlorophenol	0.320	0.345	-7.8	74	0.00
30		1,2,4-Trichlorobenzene	0.363	0.381	-5.0	75	-0.02
31		Naphthalene	1.109	1.156	-4.2	75	-0.01
32		Benzoic acid	0.207	0.230	-11.1	79	-0.02
33		4-Chloroaniline	0.431	0.428	0.7	72	-0.01
34	C	Hexachlorobutadiene	0.284	0.314	-10.6	80	-0.01
35		Caprolactam	0.123	0.112	8.9	64	0.00
36	C	4-Chloro-3-methylphenol	0.384	0.406	-5.7	73	0.00
37		2-Methylnaphthalene	0.814	0.866	-6.4	77	-0.01
38		1-Methylnaphthalene	0.806	0.847	-5.1	76	-0.01
39	I	Acenaphthene-d10	1.000	1.000	0.0	76	-0.01
40		1,2,4,5-Tetrachlorobenzene	0.671	0.718	-7.0	78	-0.01
41	P	Hexachlorocyclopentadiene	0.302	0.364	-20.5	85	-0.02
42	S	2,4,6-Tribromophenol	0.289	0.342	-18.3	82	0.00
43	C	2,4,6-Trichlorophenol	0.384	0.447	-16.4	80	0.00
44		2,4,5-Trichlorophenol	0.443	0.492	-11.1	77	0.00
45	S	2-Fluorobiphenyl	1.319	1.400	-6.1	77	-0.02
46		1,1'-Biphenyl	1.422	1.477	-3.9	75	-0.01
47		2-Chloronaphthalene	1.073	1.143	-6.5	77	-0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064672.D
Acq On : 3 Nov 2025 14:35
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Nov 04 00:36:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.311	0.391	-25.7#	85	0.00
49		Acenaphthylene	1.693	1.776	-4.9	75	-0.01
50		Dimethylphthalate	1.530	1.584	-3.5	73	-0.01
51		2,6-Dinitrotoluene	0.218	0.279	-28.0#	86	0.00
52	C	Acenaphthene	1.157	1.235	-6.7	77	-0.01
53		3-Nitroaniline	0.263	0.317	-20.5	82	0.00
54	P	2,4-Dinitrophenol	0.132	0.171	-29.5#	95	0.00
55		Dibenzofuran	1.870	1.929	-3.2	75	-0.01
56	P	4-Nitrophenol	0.244	0.243	0.4	71	0.00
57		2,4-Dinitrotoluene	0.340	0.451	-32.6#	89	0.00
58		Fluorene	1.460	1.503	-2.9	75	-0.01
59		2,3,4,6-Tetrachlorophenol	0.424	0.498	-17.5	81	0.00
60		Diethylphthalate	1.563	1.594	-2.0	73	-0.02
61		4-Chlorophenyl-phenylether	0.820	0.875	-6.7	77	-0.02
62		4-Nitroaniline	0.293	0.341	-16.4	79	0.00
63		Azobenzene	1.434	1.433	0.1	71	-0.01
64	I	Phenanthrene-d10	1.000	1.000	0.0	76	-0.01
65		4,6-Dinitro-2-methylphenol	0.079	0.112	-41.8#	104	0.00
66	c	n-Nitrosodiphenylamine	0.540	0.566	-4.8	74	-0.01
67		4-Bromophenyl-phenylether	0.237	0.258	-8.9	76	-0.01
68		Hexachlorobenzene	0.270	0.299	-10.7	78	-0.01
69		Atrazine	0.232	0.242	-4.3	75	-0.01
70	C	Pentachlorophenol	0.169	0.195	-15.4	83	-0.01
71		Phenanthrene	1.094	1.153	-5.4	76	-0.01
72		Anthracene	1.113	1.163	-4.5	75	0.00
73		Carbazole	0.981	1.031	-5.1	76	0.00
74		Di-n-butylphthalate	1.134	1.221	-7.7	75	-0.02
75	C	Fluoranthene	1.370	1.482	-8.2	79	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	84	-0.01
77		Benzidine	0.448	0.457	-2.0	78	0.00
78		Pyrene	1.307	1.325	-1.4	79	0.00
79	S	Terphenyl-d14	1.060	1.116	-5.3	82	-0.01
80		Butylbenzylphthalate	0.395	0.457	-15.7	85	-0.01
81		Benzo(a)anthracene	1.326	1.414	-6.6	84	-0.01
82		3,3'-Dichlorobenzidine	0.443	0.488	-10.2	86	-0.01
83		Chrysene	1.262	1.320	-4.6	82	-0.01
84		Bis(2-ethylhexyl)phthalate	0.590	0.658	-11.5	82	-0.02
85	c	Di-n-octyl phthalate	0.995	1.119	-12.5	87	-0.03
86	I	Perylene-d12	1.000	1.000	0.0	85	-0.01
87		Indeno(1,2,3-cd)pyrene	1.471	1.544	-5.0	83	-0.02
88		Benzo(b)fluoranthene	1.226	1.306	-6.5	83	-0.02
89		Benzo(k)fluoranthene	1.227	1.268	-3.3	83	-0.02
90	C	Benzo(a)pyrene	1.127	1.180	-4.7	83	-0.02
91		Dibenzo(a,h)anthracene	1.195	1.258	-5.3	84	-0.03
92		Benzo(g,h,i)perylene	1.142	1.186	-3.9	83	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064672.D
Acq On : 3 Nov 2025 14:35
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Nov 04 00:36:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 1

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG No.: Q3399

Instrument ID: BNA_G Calibration Date/Time: 11/03/2025 23:27

Lab File ID: BG064685.D Init. Calib. Date(s): 10/24/2025 10/24/2025

EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): 09:00 15:32

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.192	1.219		2.3	50.0
Benzaldehyde	0.893	0.893		0.0	50.0
Phenol-d6	1.635	1.692		3.5	50.0
Phenol	1.808	1.851		2.4	50.0
bis(2-Chloroethyl)ether	1.329	1.297		-2.4	50.0
2-Chlorophenol	1.247	1.371		9.9	50.0
2-Methylphenol	1.201	1.233		2.7	50.0
2,2-oxybis(1-Chloropropane)	3.487	3.201		-8.2	50.0
Acetophenone	0.547	0.547		0.0	50.0
3+4-Methylphenols	1.688	1.731		2.5	50.0
n-Nitroso-di-n-propylamine	1.130	1.089	0.050	-3.6	50.0
Nitrobenzene-d5	0.333	0.413		24.0	50.0
Hexachloroethane	0.512	0.554		8.2	50.0
Nitrobenzene	0.362	0.425		17.4	50.0
Isophorone	0.799	0.784		-1.9	50.0
2-Nitrophenol	0.121	0.193		59.5	50.0
2,4-Dimethylphenol	0.297	0.313		5.4	50.0
bis(2-Chloroethoxy)methane	0.455	0.448		-1.5	50.0
2,4-Dichlorophenol	0.320	0.380		18.8	50.0
Naphthalene	1.109	1.162		4.8	50.0
4-Chloroaniline	0.431	0.443		2.8	50.0
Hexachlorobutadiene	0.284	0.337		18.7	50.0
Caprolactam	0.123	0.110		-10.6	50.0
4-Chloro-3-methylphenol	0.384	0.430		12.0	50.0
2-Methylnaphthalene	0.814	0.877		7.7	50.0
Hexachlorocyclopentadiene	0.302	0.384	0.050	27.2	50.0
2,4,6-Trichlorophenol	0.384	0.469		22.1	50.0
2-Fluorobiphenyl	1.319	1.442		9.3	50.0
2,4,5-Trichlorophenol	0.443	0.507		14.4	50.0
1,1-Biphenyl	1.422	1.491		4.9	50.0
2-Chloronaphthalene	1.073	1.143		6.5	50.0
2-Nitroaniline	0.311	0.410		31.8	50.0
Dimethylphthalate	1.530	1.618		5.8	50.0
Acenaphthylene	1.693	1.806		6.7	50.0
2,6-Dinitrotoluene	0.218	0.317		45.4	50.0
3-Nitroaniline	0.263	0.343		30.4	50.0
Acenaphthene	1.157	1.250		8.0	50.0
2,4-Dinitrophenol	0.132	0.140	0.050	6.1	50.0
4-Nitrophenol	0.244	0.219	0.050	-10.2	50.0

Form VII SV-1

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG No.: Q3399

Instrument ID: BNA_G Calibration Date/Time: 11/03/2025 23:27

Lab File ID: BG064685.D Init. Calib. Date(s): 10/24/2025 10/24/2025

EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): 09:00 15:32

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.870	1.992		6.5	50.0
2,4-Dinitrotoluene	0.340	0.486		42.9	50.0
Diethylphthalate	1.563	1.606		2.8	50.0
4-Chlorophenyl-phenylether	0.820	0.941		14.8	50.0
Fluorene	1.460	1.562		7.0	50.0
4-Nitroaniline	0.293	0.360		22.9	50.0
4,6-Dinitro-2-methylphenol	0.079	0.115		45.6	50.0
n-Nitrosodiphenylamine	0.540	0.558		3.3	50.0
2,4,6-Tribromophenol	0.289	0.386		33.6	50.0
4-Bromophenyl-phenylether	0.237	0.269		13.5	50.0
Hexachlorobenzene	0.270	0.310		14.8	50.0
Atrazine	0.232	0.240		3.4	50.0
Pentachlorophenol	0.169	0.085		-49.7	50.0
Phenanthrene	1.094	1.127		3.0	50.0
Anthracene	1.113	1.150		3.3	50.0
Carbazole	0.981	0.988		0.7	50.0
Di-n-butylphthalate	1.135	1.155		1.8	50.0
Fluoranthene	1.370	1.467		7.1	50.0
Pyrene	1.307	1.267		-3.1	50.0
Terphenyl-d14	1.060	1.087		2.5	50.0
Butylbenzylphthalate	0.395	0.435		10.1	50.0
3,3-Dichlorobenzidine	0.443	0.479		8.1	50.0
Benzo(a)anthracene	1.326	1.382		4.2	50.0
Chrysene	1.262	1.316		4.3	50.0
Bis(2-ethylhexyl)phthalate	0.590	0.625		5.9	50.0
Di-n-octyl phthalate	0.995	1.082		8.7	50.0
Benzo(b)fluoranthene	1.226	1.263		3.0	50.0
Benzo(k)fluoranthene	1.227	1.262		2.9	50.0
Benzo(a)pyrene	1.127	1.168		3.6	50.0
Indeno(1,2,3-cd)pyrene	1.471	1.514		2.9	50.0
Dibenzo(a,h)anthracene	1.195	1.241		3.8	50.0
Benzo(g,h,i)perylene	1.142	1.175		2.9	50.0
1,2,4,5-Tetrachlorobenzene	0.671	0.779		16.1	50.0
1,4-Dioxane	0.528	0.425		-19.5	50.0
2,3,4,6-Tetrachlorophenol	0.424	0.476		12.3	50.0

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064685.D
Acq On : 3 Nov 2025 23:27
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 04 03:13:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.206	152	30855	20.000	ng		-0.02
21) Naphthalene-d8	11.032	136	122138	20.000	ng		-0.02
39) Acenaphthene-d10	14.833	164	95662	20.000	ng		-0.01
64) Phenanthrene-d10	17.565	188	243103	20.000	ng		-0.02
76) Chrysene-d12	21.843	240	294757	20.000	ng		#-0.02
86) Perylene-d12	25.174	264	329770	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.738	112	150485	81.863	ng		-0.01
7) Phenol-d6	7.348	99	208879	82.807	ng		0.00
23) Nitrobenzene-d5	9.375	82	201607	99.142	ng		-0.01
42) 2,4,6-Tribromophenol	16.308	330	147621	106.918	ng		-0.01
45) 2-Fluorobiphenyl	13.458	172	551792	87.430	ng		-0.02
79) Terphenyl-d14	20.156	244	1281241	82.031	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.576	88	26254	32.259	ng		98
3) Pyridine	3.987	79	80100	32.774	ng		97
4) n-Nitrosodimethylamine	3.893	42	43569	33.243	ng		92
6) Aniline	7.518	93	131285	38.249	ng		97
8) 2-Chlorophenol	7.771	128	84599	43.968	ng		93
9) Benzaldehyde	7.330	77	55132	40.034	ng		94
10) Phenol	7.377	94	114223	40.946	ng		95
11) bis(2-Chloroethyl)ether	7.612	93	80062	39.036	ng		92
12) 1,3-Dichlorobenzene	8.100	146	91863	41.481	ng		97
13) 1,4-Dichlorobenzene	8.247	146	93465	41.507	ng		94
14) 1,2-Dichlorobenzene	8.564	146	89760	41.328	ng		99
15) Benzyl Alcohol	8.441	79	83046	39.924	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.729	45	197507	36.712	ng		100
17) 2-Methylphenol	8.640	107	76108	41.092	ng		97
18) Hexachloroethane	9.310	117	34204	43.285	ng		88
19) n-Nitroso-di-n-propyla...	9.016	70	67215	38.557	ng		97
20) 3+4-Methylphenols	8.969	107	106811	41.007	ng		96
22) Acetophenone	9.034	105	133651	40.030	ng	#	94
24) Nitrobenzene	9.416	77	103805	46.933	ng		97
25) Isophorone	9.945	82	191447	39.235	ng		99
26) 2-Nitrophenol	10.133	139	47171	54.801	ng	#	90
27) 2,4-Dimethylphenol	10.186	122	76353	42.067	ng		97
28) bis(2-Chloroethoxy)met...	10.421	93	109390	39.374	ng		99
29) 2,4-Dichlorophenol	10.673	162	92909	47.564	ng		99
30) 1,2,4-Trichlorobenzene	10.891	180	102059	45.985	ng		99
31) Naphthalene	11.085	128	283888	41.922	ng		99
32) Benzoic acid	10.286	122	58994m	43.336	ng		
33) 4-Chloroaniline	11.179	127	108182	41.102	ng		95
34) Hexachlorobutadiene	11.378	225	82314	47.425	ng		97
35) Caprolactam	11.948	113	26817	35.795	ng		95
36) 4-Chloro-3-methylphenol	12.289	107	104917	44.685	ng		96
37) 2-Methylnaphthalene	12.677	142	214229	43.089	ng		98
38) 1-Methylnaphthalene	12.894	142	202203m	41.083	ng		
40) 1,2,4,5-Tetrachloroben...	13.041	216	149007	46.413	ng		99
41) Hexachlorocyclopentadiene	13.024	237	73412	50.802	ng		99
43) 2,4,6-Trichlorophenol	13.270	196	89643	48.814	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064685.D
Acq On : 3 Nov 2025 23:27
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 04 03:13:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.341	196	96961	45.753	ng		96
46) 1,1'-Biphenyl	13.670	154	285351	41.958	ng		98
47) 2-Chloronaphthalene	13.717	162	218692	42.601	ng		99
48) 2-Nitroaniline	13.905	65	78350	45.634	ng		95
49) Acenaphthylene	14.557	152	345537	42.673	ng		99
50) Dimethylphthalate	14.275	163	309589	42.293	ng		99
51) 2,6-Dinitrotoluene	14.387	165	60583	50.015	ng		94
52) Acenaphthene	14.898	154	239100	43.220	ng		97
53) 3-Nitroaniline	14.722	138	65642	52.180	ng	#	93
54) 2,4-Dinitrophenol	14.933	184	26837	39.260	ng	#	26
55) Dibenzofuran	15.227	168	381052	42.605	ng		98
56) 4-Nitrophenol	15.009	139	41923	35.944	ng		89
57) 2,4-Dinitrotoluene	15.174	165	92929	49.650	ng	#	93
58) Fluorene	15.873	166	298932	42.797	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.444	232	91089	44.949	ng		97
60) Diethylphthalate	15.632	149	307182	41.099	ng		99
61) 4-Chlorophenyl-phenyle...	15.861	204	180066	45.937	ng		100
62) 4-Nitroaniline	15.873	138	68841	49.189	ng		93
63) Azobenzene	16.155	77	269112	39.242	ng		96
65) 4,6-Dinitro-2-methylph...	15.938	198	56131	51.966	ng		98
66) n-Nitrosodiphenylamine	16.067	169	271409	41.330	ng		97
67) 4-Bromophenyl-phenylether	16.754	248	130859	45.424	ng		97
68) Hexachlorobenzene	16.878	284	150702	45.854	ng		94
69) Atrazine	17.013	200	116929	41.377	ng		98
70) Pentachlorophenol	17.224	266	41566m	20.281	ng		
71) Phenanthrene	17.612	178	547994	41.220	ng		99
72) Anthracene	17.700	178	558940	41.331	ng		99
73) Carbazole	17.959	167	480205	40.268	ng		98
74) Di-n-butylphthalate	18.517	149	561642	40.728	ng		100
75) Fluoranthene	19.604	202	713230	42.825	ng		98
77) Benzidine	19.774	184	283911	42.992	ng		100
78) Pyrene	19.968	202	747048	38.792	ng		99
80) Butylbenzylphthalate	20.838	149	256583	44.083	ng		94
81) Benzo(a)anthracene	21.825	228	814427	41.671	ng		100
82) 3,3'-Dichlorobenzidine	21.725	252	282119	43.227	ng		96
83) Chrysene	21.890	228	775795	41.717	ng		99
84) Bis(2-ethylhexyl)phtha...	21.725	149	368167	42.332	ng		98
85) Di-n-octyl phthalate	22.982	149	638122	43.518	ng		97
87) Indeno(1,2,3-cd)pyrene	28.999	276	998323	41.153	ng	#	78
88) Benzo(b)fluoranthene	24.116	252	832816	41.185	ng		99
89) Benzo(k)fluoranthene	24.193	252	832301m	41.131	ng		
90) Benzo(a)pyrene	25.021	252	770578	41.456	ng		99
91) Dibenzo(a,h)anthracene	29.069	278	818493	41.530	ng		97
92) Benzo(g,h,i)perylene	30.192	276	775096	41.169	ng		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

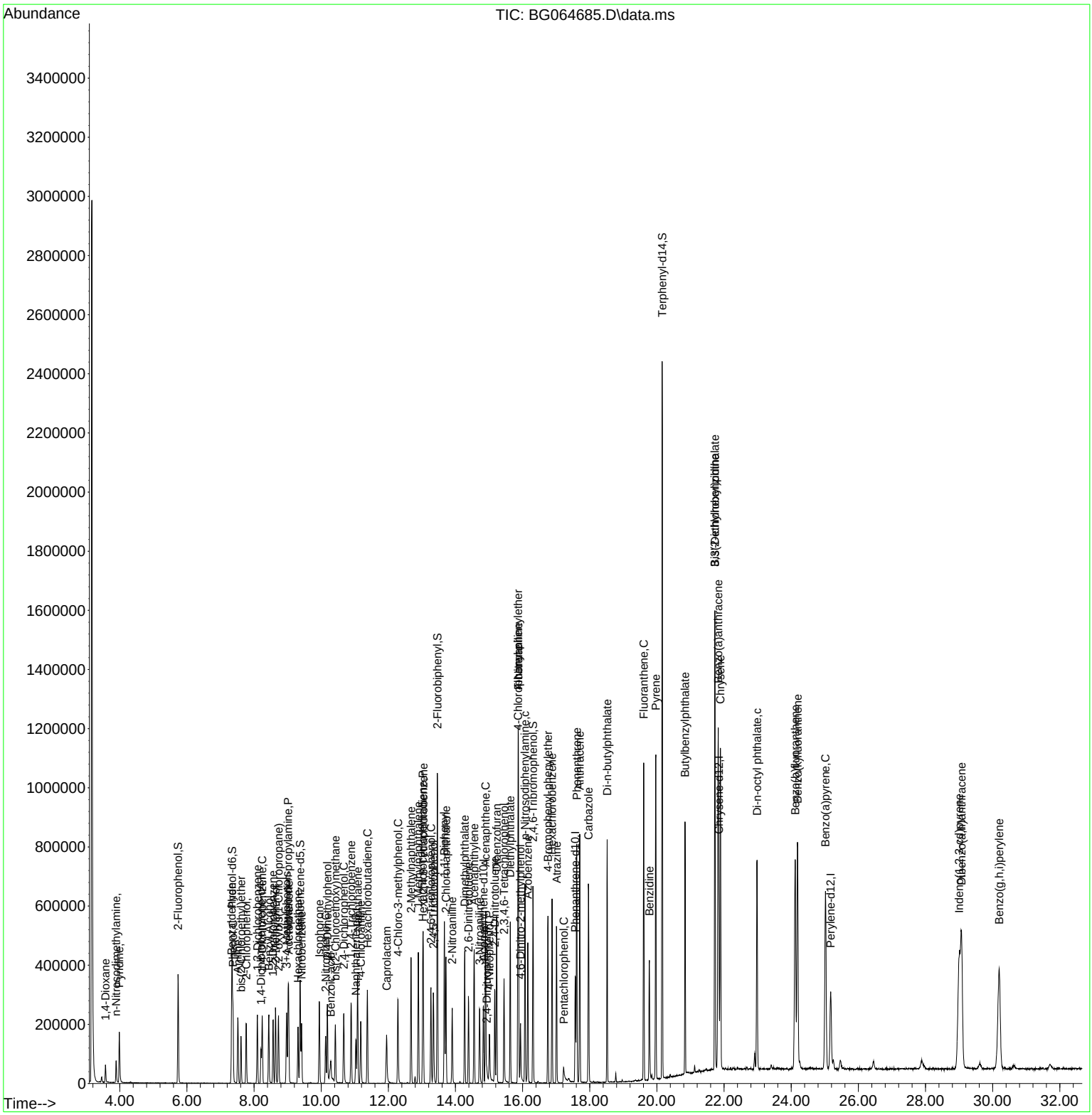
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Data File : BG064685.D
Acq On : 3 Nov 2025 23:27
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

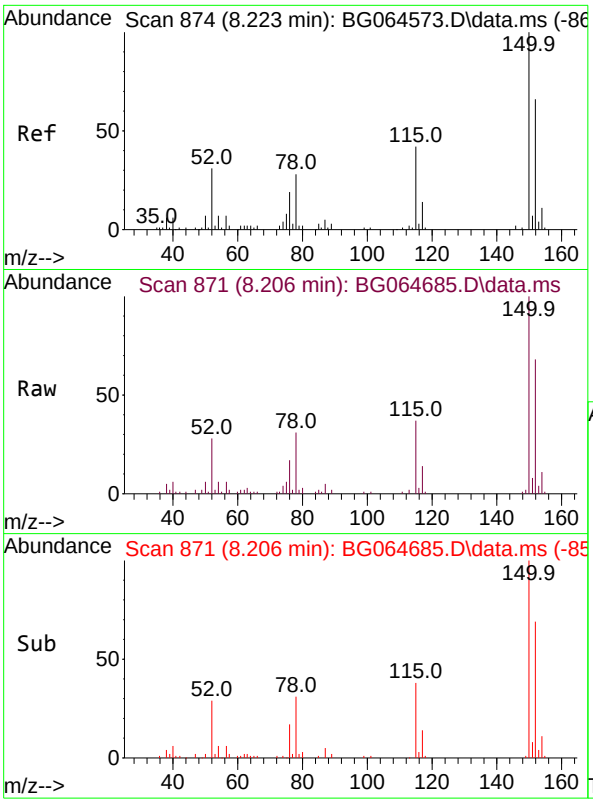
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
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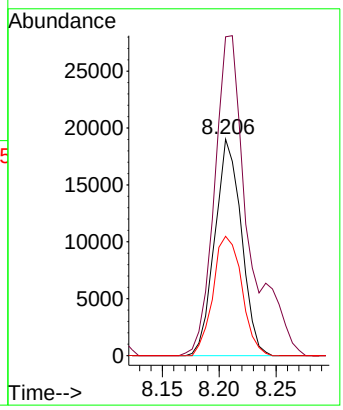




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.206 min Scan# 8
Delta R.T. -0.017 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:152 Resp: 3085

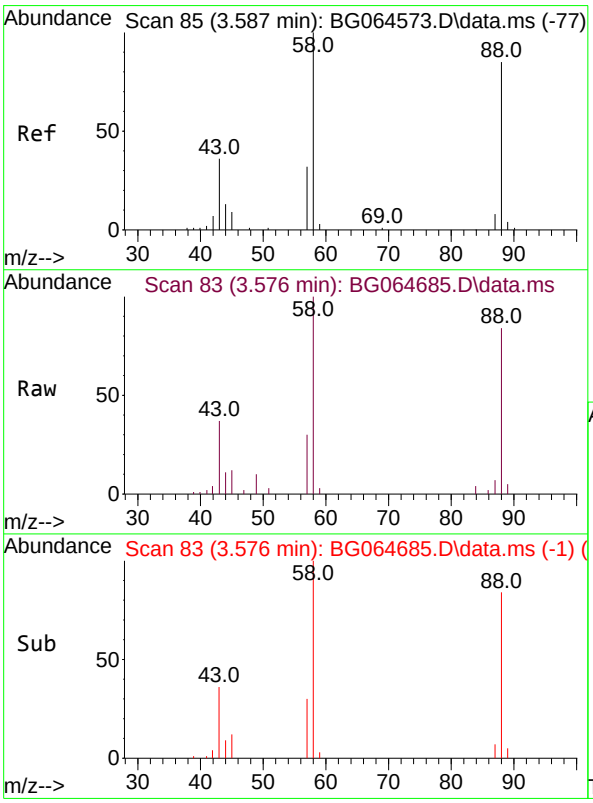
Ion	Ratio	Lower	Upper
152	100		
150	147.3	122.2	183.4
115	55.1	50.8	76.2



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

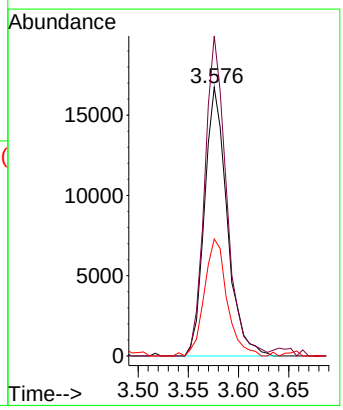
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

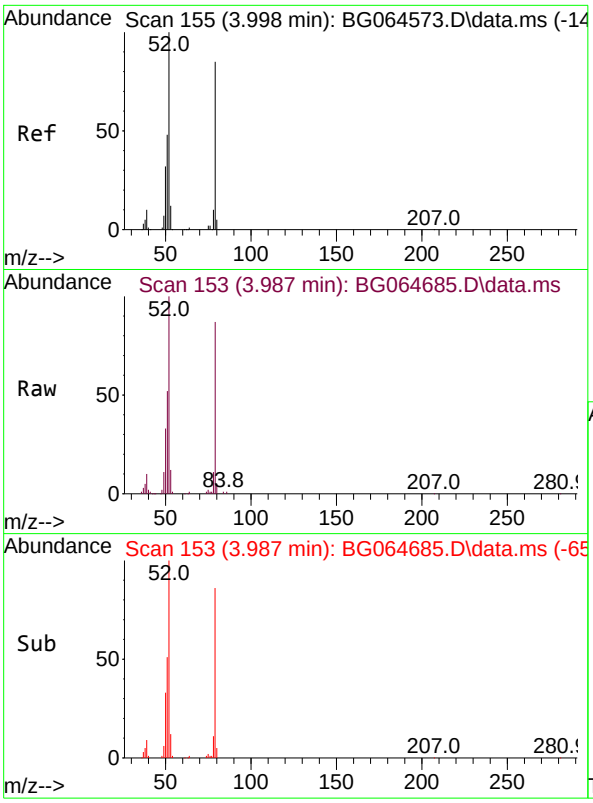


#2
1,4-Dioxane
Concen: 32.259 ng
RT: 3.576 min Scan# 83
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion: 88 Resp: 26254

Ion	Ratio	Lower	Upper
88	100		
58	114.3	92.4	138.6
43	43.6	33.0	49.6

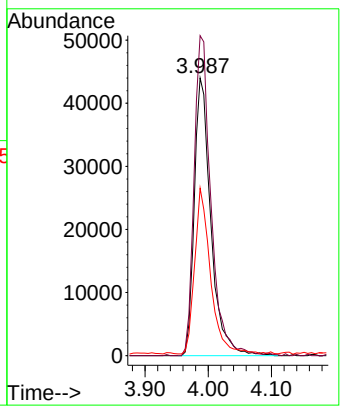




#3
Pyridine
Concen: 32.774 ng
RT: 3.987 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion: 79 Resp: 8010

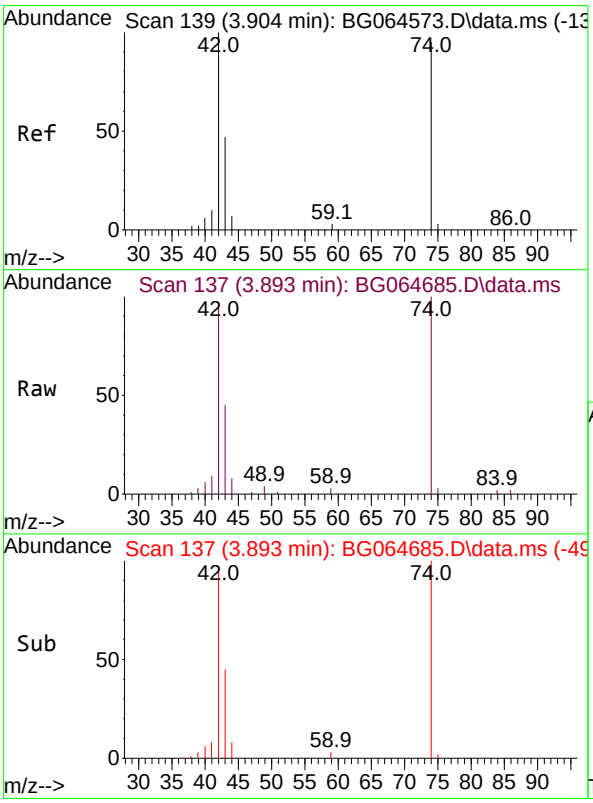
Ion	Ratio	Lower	Upper
79	100		
52	115.2	94.2	141.2
51	60.3	46.1	69.1



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

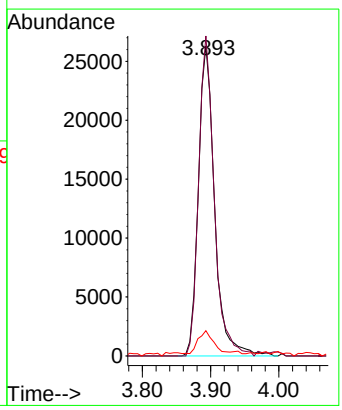
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

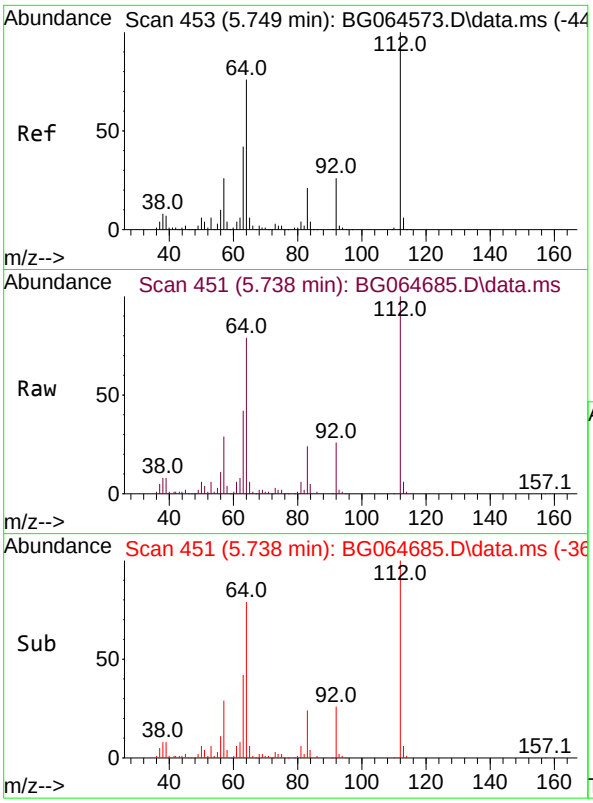


#4
n-Nitrosodimethylamine
Concen: 33.243 ng
RT: 3.893 min Scan# 137
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion: 42 Resp: 43569

Ion	Ratio	Lower	Upper
42	100		
74	103.2	76.1	114.1
44	8.1	6.3	9.5

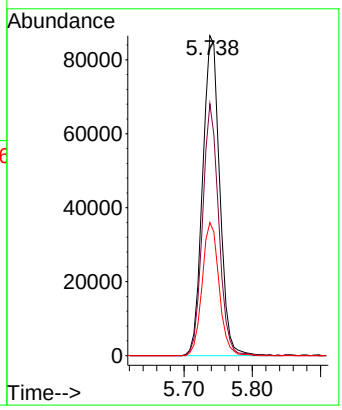




#5
2-Fluorophenol
Concen: 81.863 ng
RT: 5.738 min Scan# 4
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:112 Resp: 15048

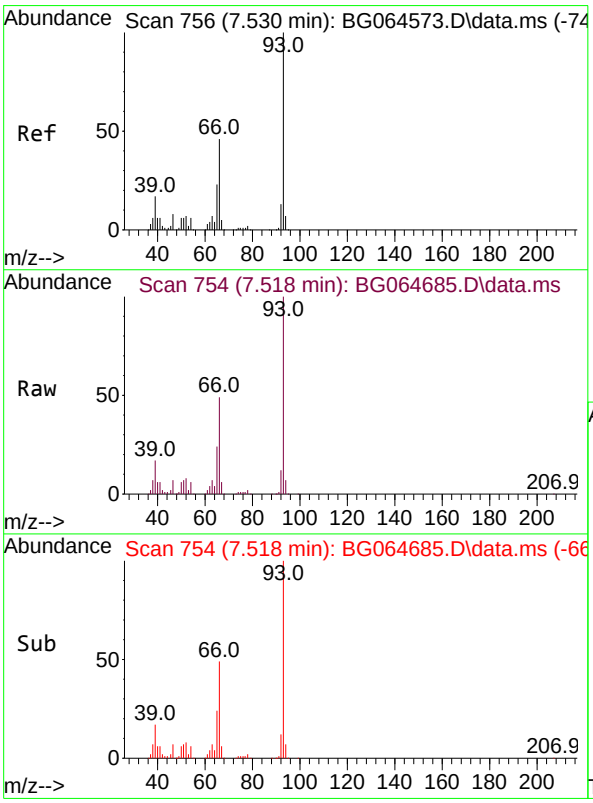
Ion	Ratio	Lower	Upper
112	100		
64	78.7	60.7	91.1
63	41.6	33.4	50.0



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

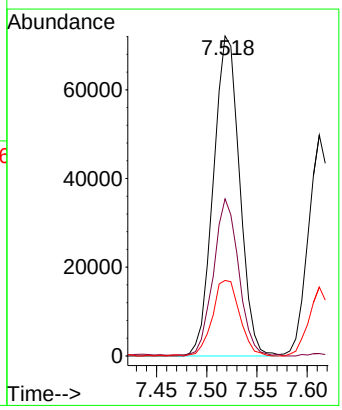
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

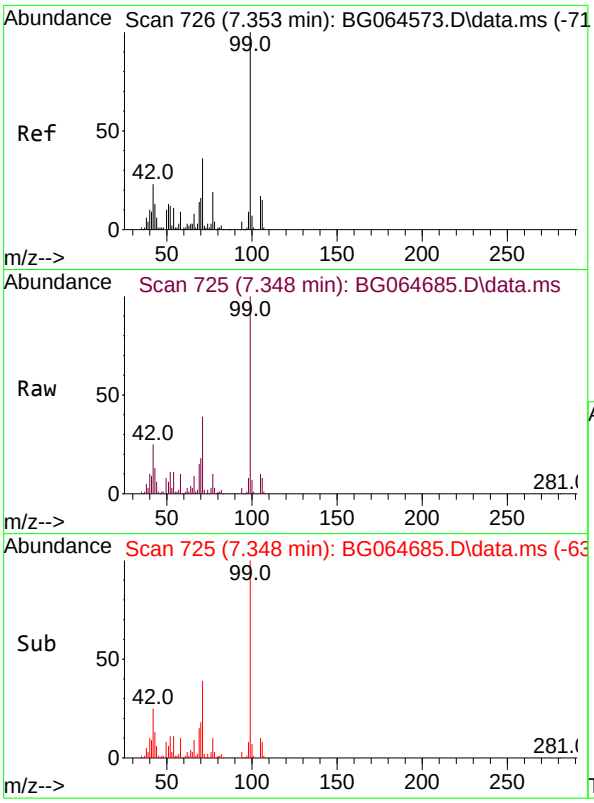


#6
Aniline
Concen: 38.249 ng
RT: 7.518 min Scan# 754
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion: 93 Resp: 131285

Ion	Ratio	Lower	Upper
93	100		
66	49.1	37.0	55.6
65	23.6	18.3	27.5

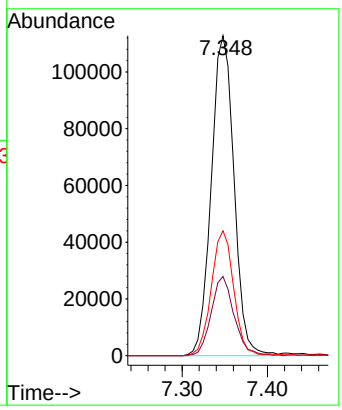




#7
Phenol-d6
Concen: 82.807 ng
RT: 7.348 min Scan# 7
Delta R.T. -0.005 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion: 99 Resp: 208879

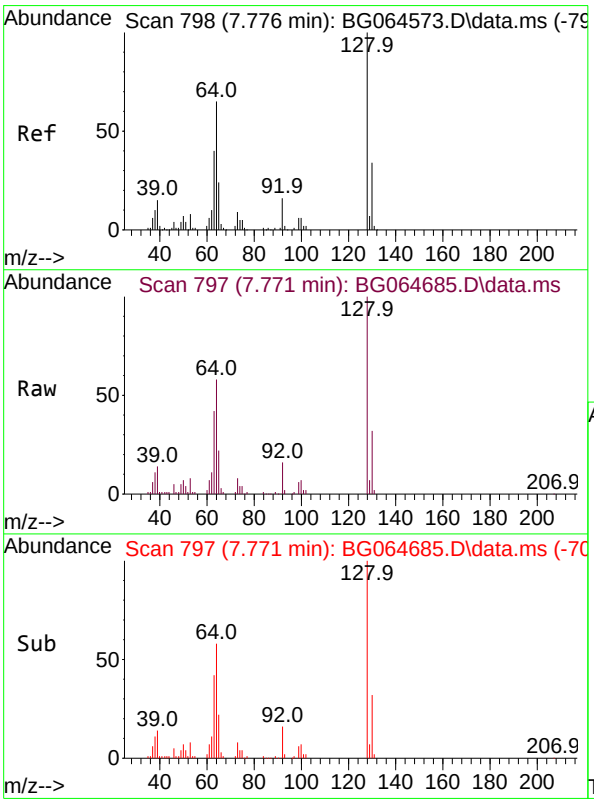
Ion	Ratio	Lower	Upper
99	100		
42	24.7	18.3	27.5
71	39.0	28.6	43.0



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

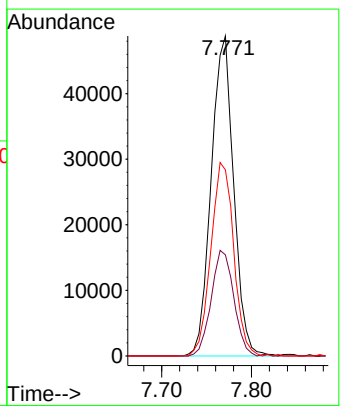
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

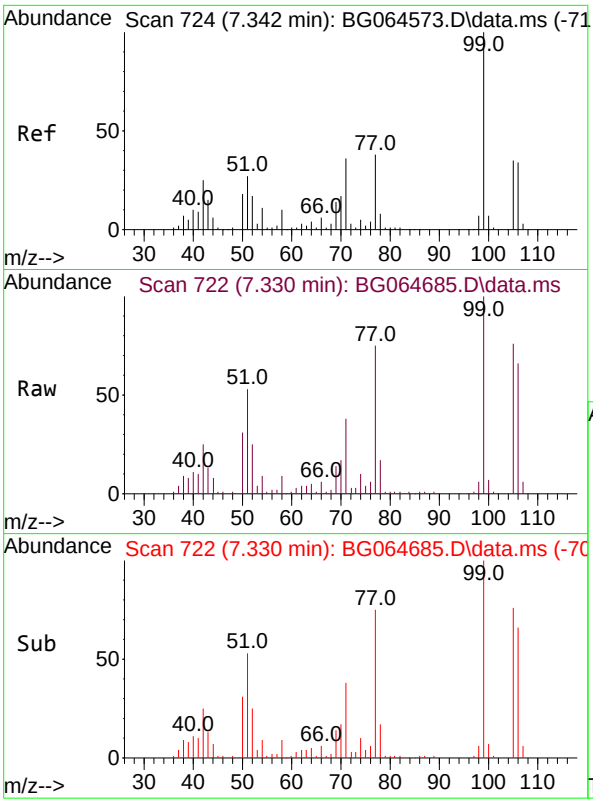


#8
2-Chlorophenol
Concen: 43.968 ng
RT: 7.771 min Scan# 797
Delta R.T. -0.005 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:128 Resp: 84599

Ion	Ratio	Lower	Upper
128	100		
130	31.6	13.5	53.5
64	58.1	45.2	85.2

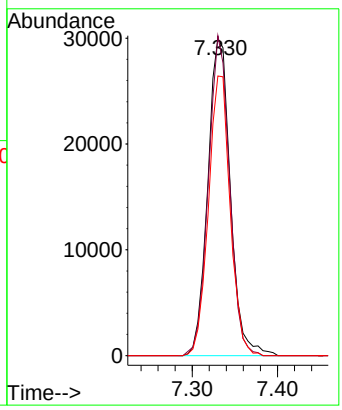




#9
Benzaldehyde
Concen: 40.034 ng
RT: 7.330 min Scan# 7
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion: 77 Resp: 5513

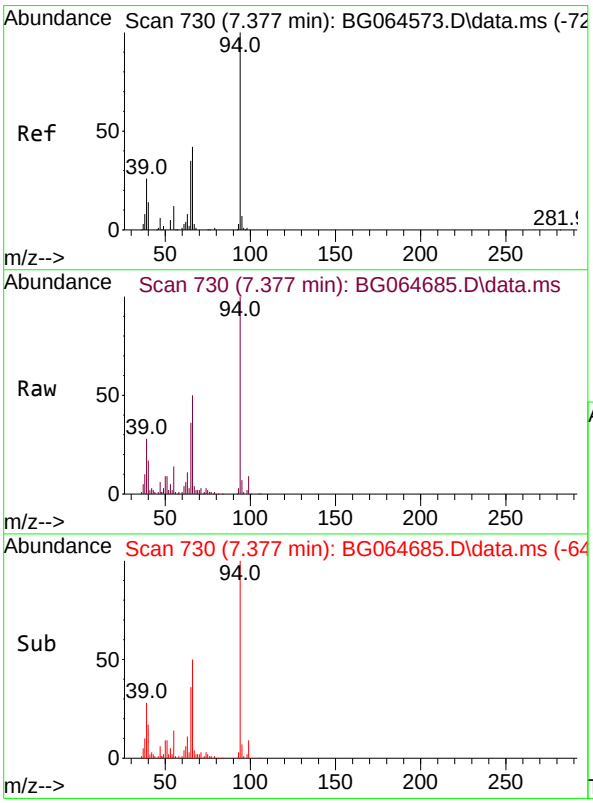
Ion	Ratio	Lower	Upper
77	100		
105	100.9	72.9	112.9
106	88.2	70.8	110.8



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

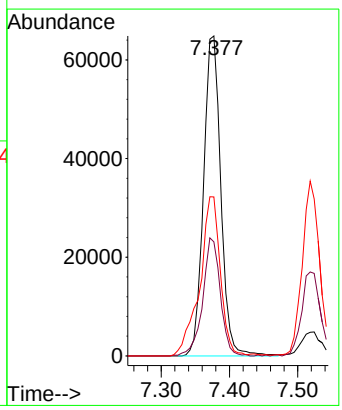
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

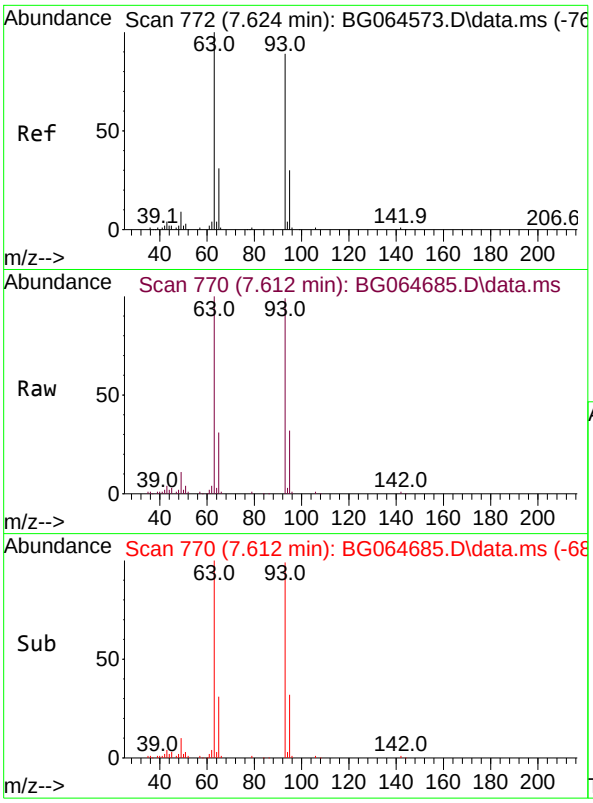


#10
Phenol
Concen: 40.946 ng
RT: 7.377 min Scan# 730
Delta R.T. 0.000 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion: 94 Resp: 114223

Ion	Ratio	Lower	Upper
94	100		
65	35.6	15.8	55.8
66	49.7	24.0	64.0

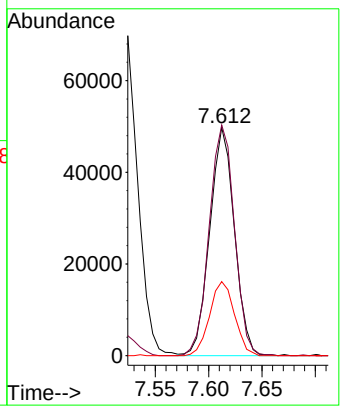




#11
bis(2-Chloroethyl)ether
Concen: 39.036 ng
RT: 7.612 min Scan# 7
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion: 93 Resp: 8006

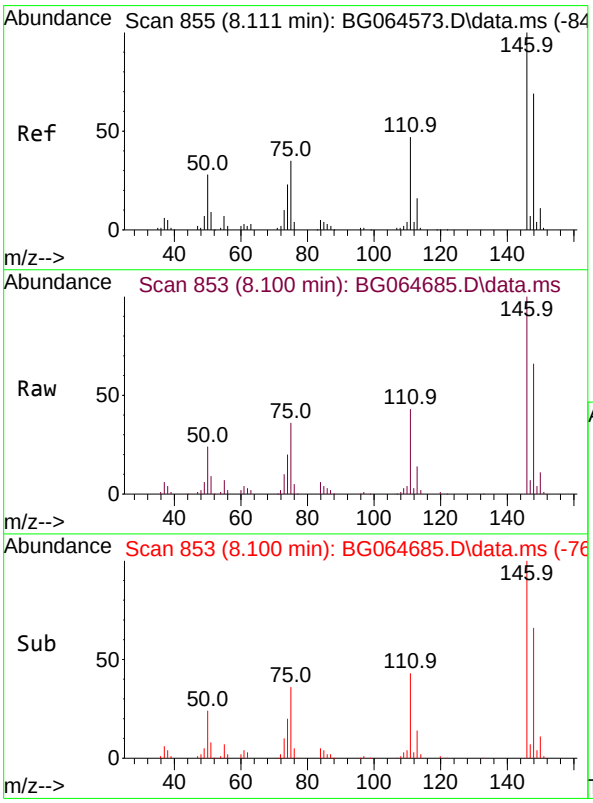
Ion	Ratio	Lower	Upper
93	100		
63	101.1	91.3	131.3
95	32.4	13.3	53.3



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

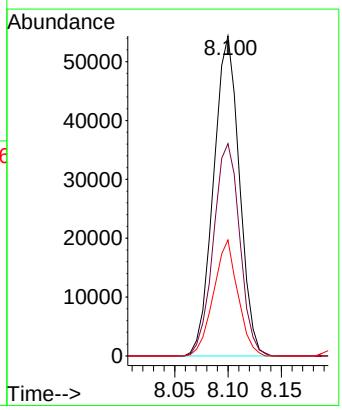
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

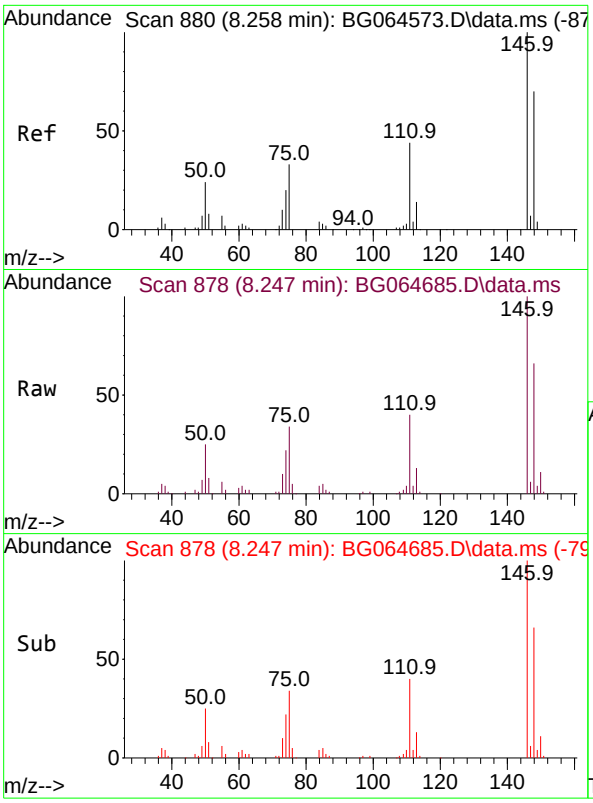


#12
1,3-Dichlorobenzene
Concen: 41.481 ng
RT: 8.100 min Scan# 853
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:146 Resp: 91863

Ion	Ratio	Lower	Upper
146	100		
148	66.3	55.3	82.9
75	36.2	28.2	42.2

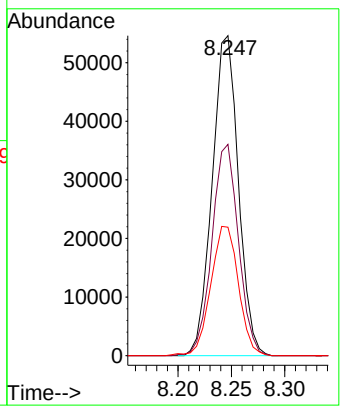




#13
1,4-Dichlorobenzene
Concen: 41.507 ng
RT: 8.247 min Scan# 8
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:146 Resp: 9346

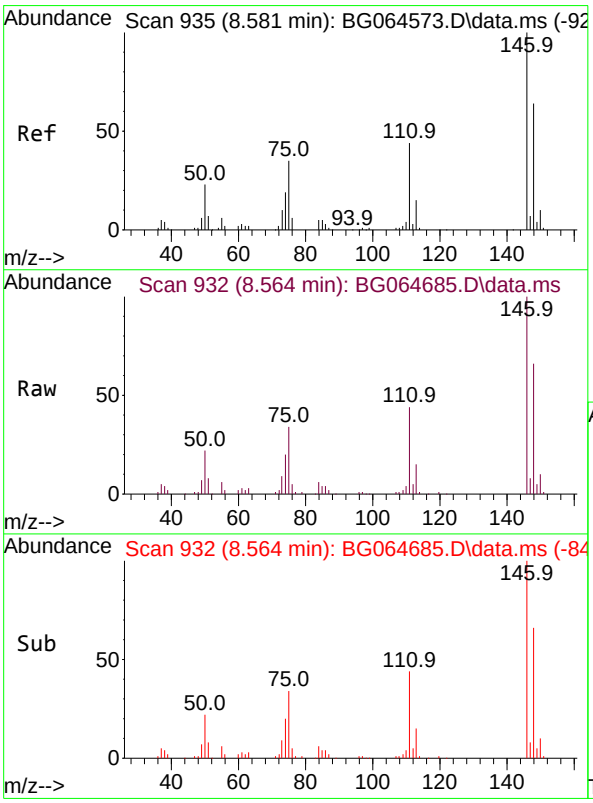
Ion	Ratio	Lower	Upper
146	100		
148	66.0	56.2	84.4
111	40.1	35.4	53.0



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

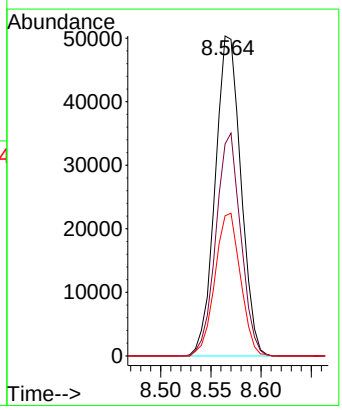
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

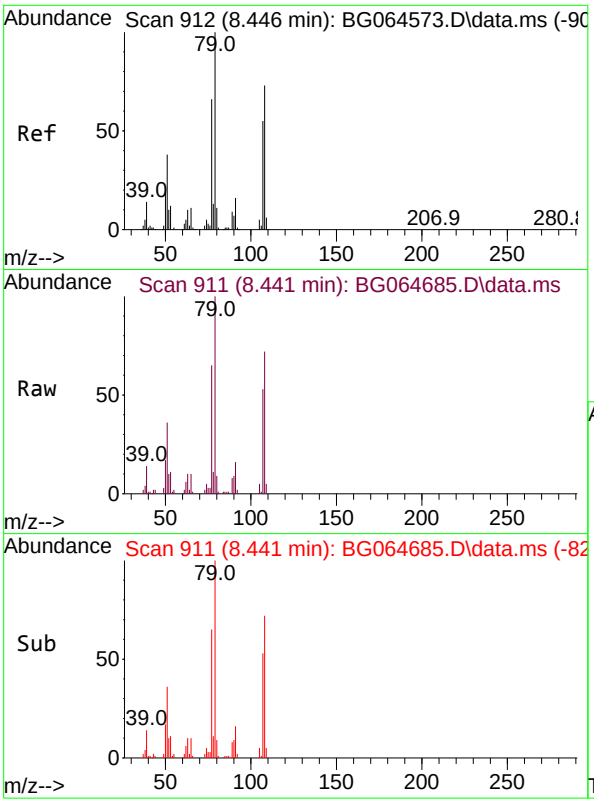


#14
1,2-Dichlorobenzene
Concen: 41.328 ng
RT: 8.564 min Scan# 932
Delta R.T. -0.017 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:146 Resp: 89760

Ion	Ratio	Lower	Upper
146	100		
148	66.2	51.5	77.3
111	43.8	35.0	52.6

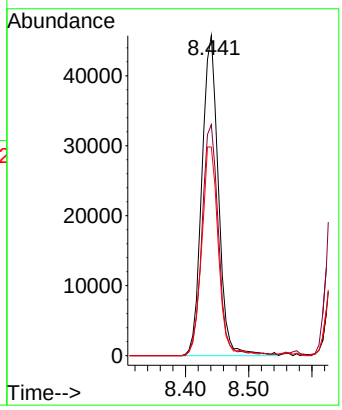




#15
Benzyl Alcohol
Concen: 39.924 ng
RT: 8.441 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion: 79 Resp: 8304

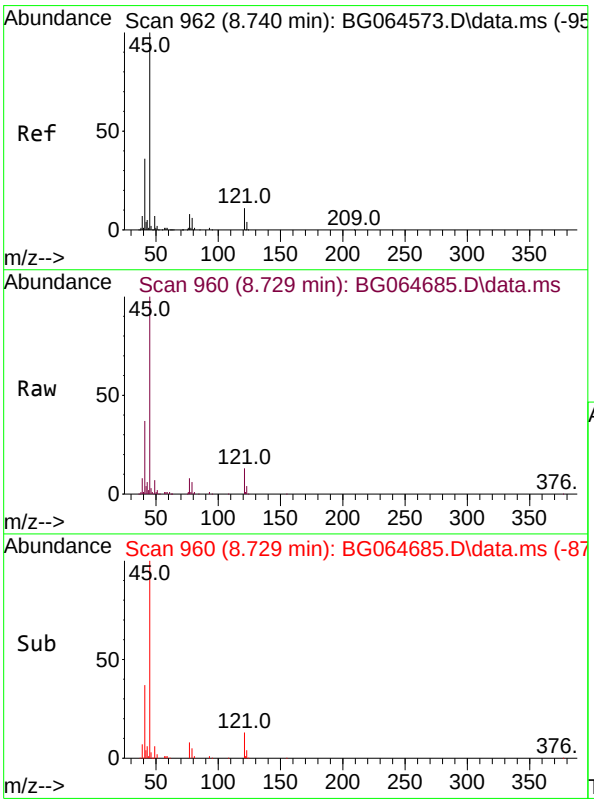
Ion	Ratio	Lower	Upper
79	100		
108	72.2	58.1	87.1
77	65.2	52.8	79.2



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

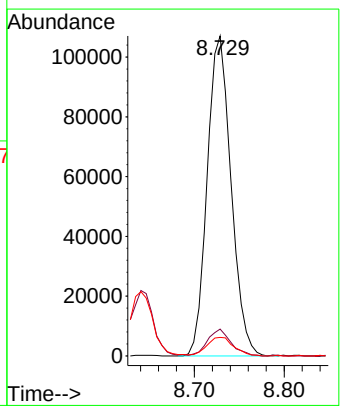
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

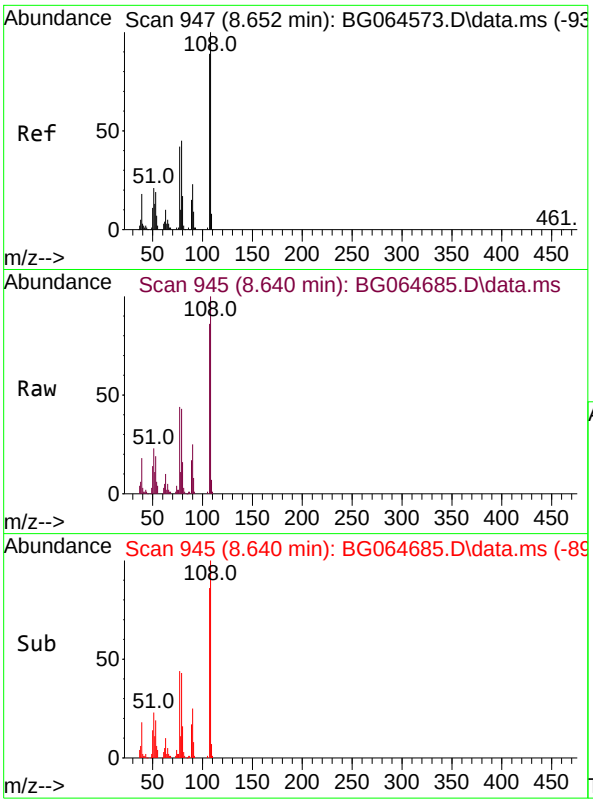


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.712 ng
RT: 8.729 min Scan# 960
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion: 45 Resp: 197507

Ion	Ratio	Lower	Upper
45	100		
77	8.4	0.0	28.5
79	5.8	0.0	25.6

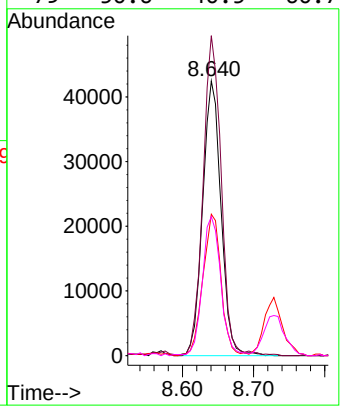




#17
2-Methylphenol
Concen: 41.092 ng
RT: 8.640 min Scan# 94
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:107 Resp: 7610

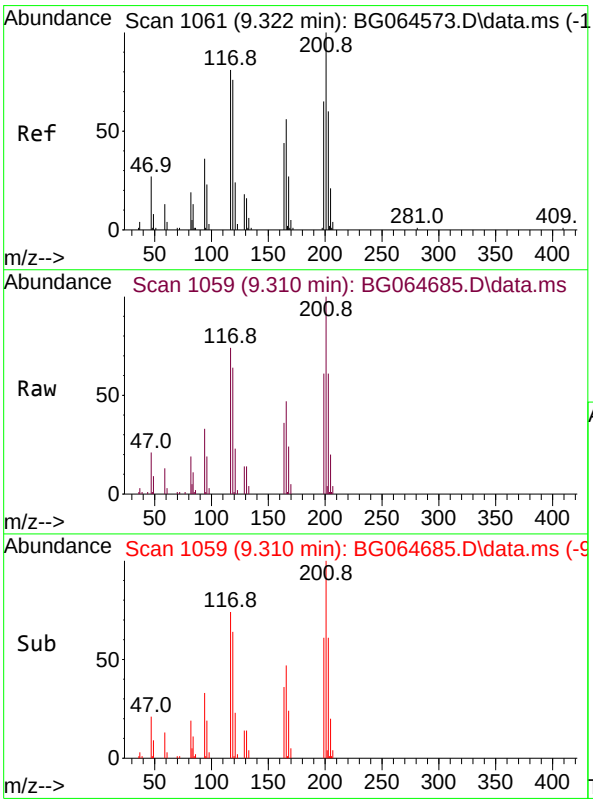
Ion	Ratio	Lower	Upper
107	100		
108	116.5	90.0	135.0
77	51.5	37.8	56.8
79	50.6	40.5	60.7



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

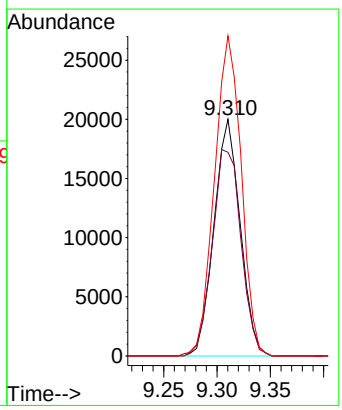
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

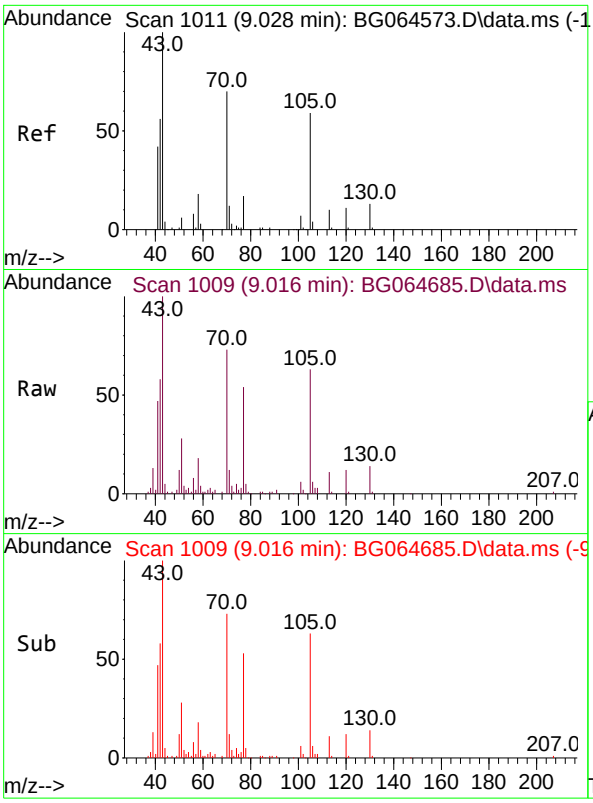


#18
Hexachloroethane
Concen: 43.285 ng
RT: 9.310 min Scan# 1059
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:117 Resp: 34204

Ion	Ratio	Lower	Upper
117	100		
119	86.0	75.4	113.2
201	140.0	99.2	148.8

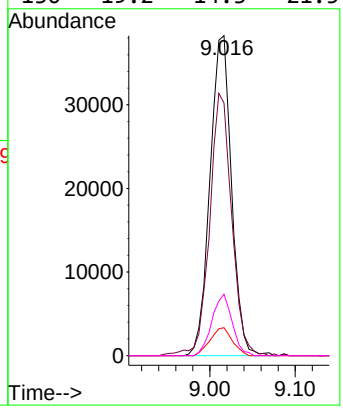




#19
n-Nitroso-di-n-propylamine
Concen: 38.557 ng
RT: 9.016 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion: 70 Resp: 6721

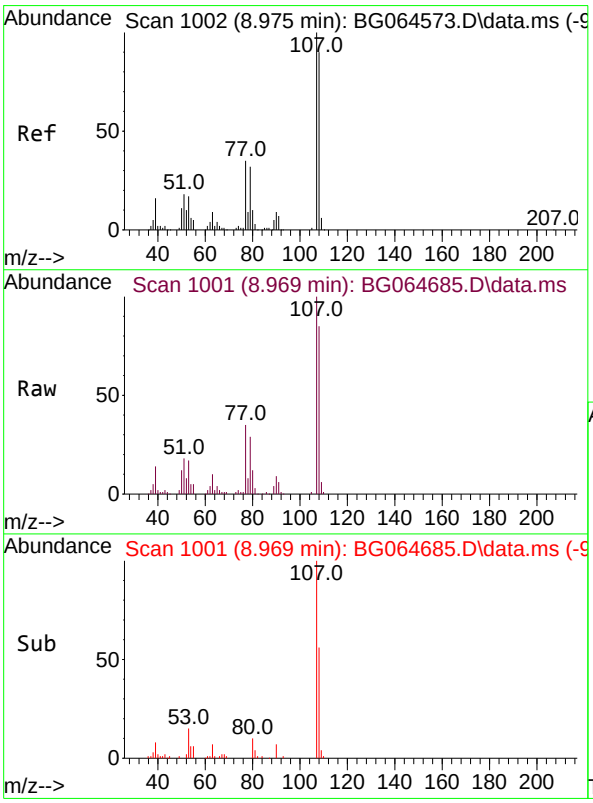
Ion	Ratio	Lower	Upper
70	100		
42	78.9	65.2	97.8
101	8.7	7.9	11.9
130	19.2	14.3	21.5



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

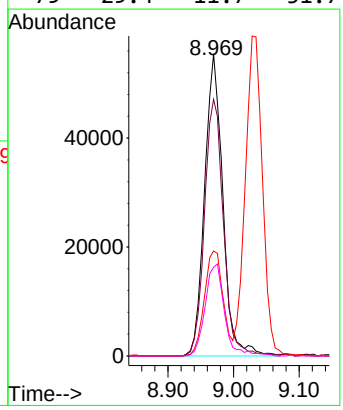
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

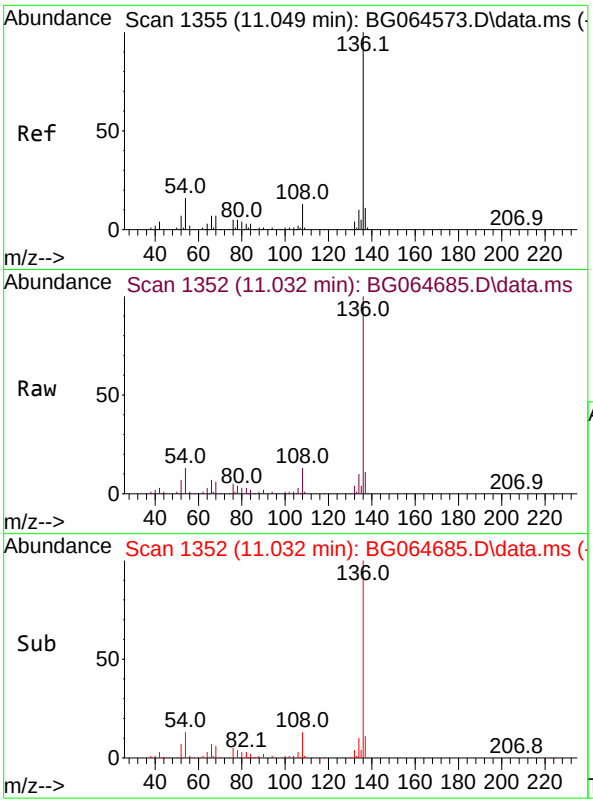


#20
3+4-Methylphenols
Concen: 41.007 ng
RT: 8.969 min Scan# 1001
Delta R.T. -0.005 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:107 Resp: 106811

Ion	Ratio	Lower	Upper
107	100		
108	84.9	70.3	110.3
77	34.7	14.6	54.6
79	29.4	11.7	51.7

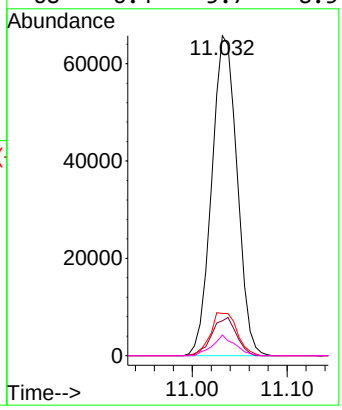




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.032 min Scan# 1
Delta R.T. -0.017 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:136 Resp: 12213

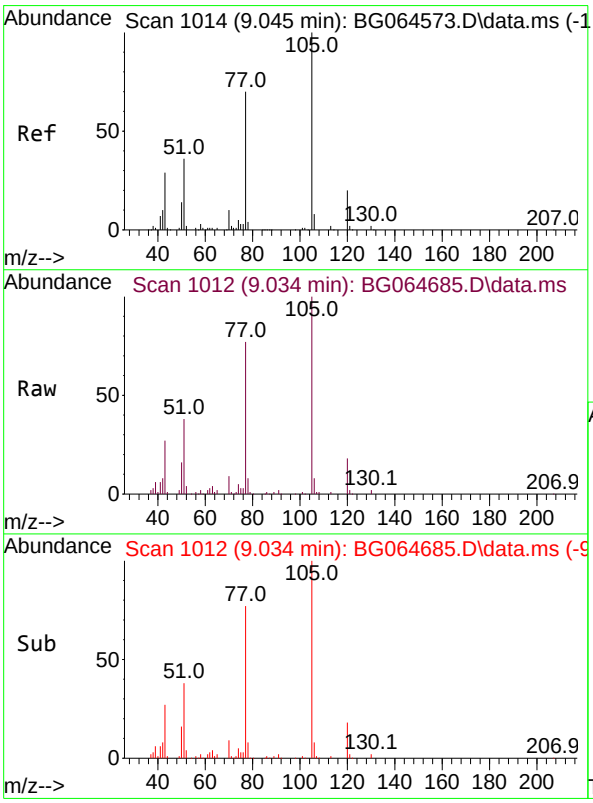
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	13.2	12.6	19.0
68	6.4	5.7	8.5



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

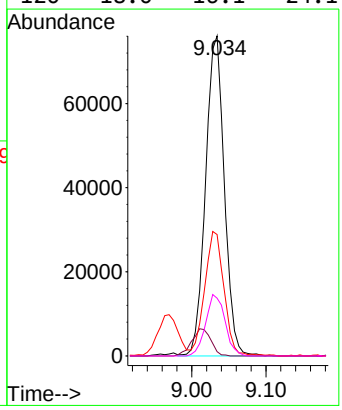
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

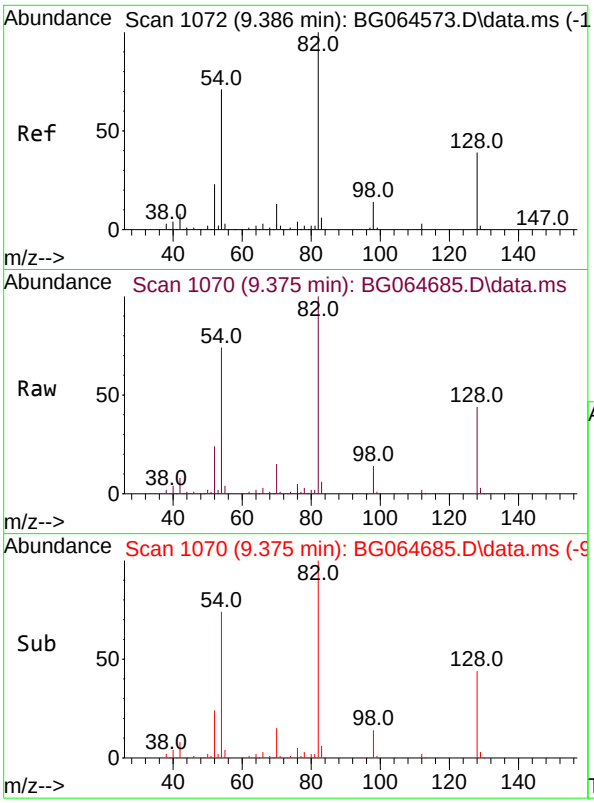


#22
Acetophenone
Concen: 40.030 ng
RT: 9.034 min Scan# 1012
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:105 Resp: 133651

Ion	Ratio	Lower	Upper
105	100		
71	1.3	1.5	2.3#
51	37.9	33.7	50.5
120	18.0	16.1	24.1

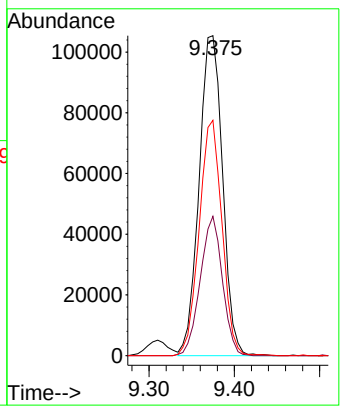




#23
Nitrobenzene-d5
Concen: 99.142 ng
RT: 9.375 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion: 82 Resp: 20160

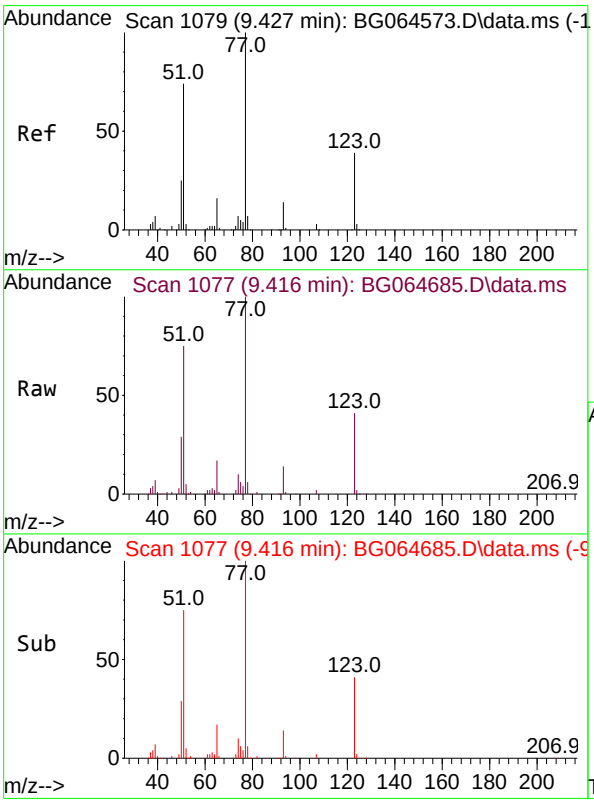
Ion	Ratio	Lower	Upper
82	100		
128	43.6	31.3	46.9
54	73.6	56.6	84.8



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

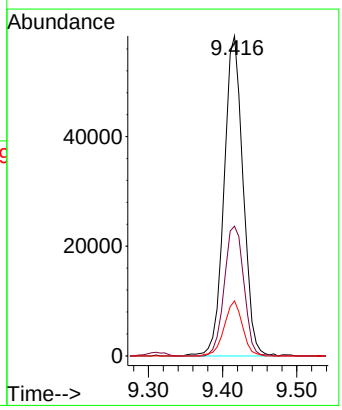
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

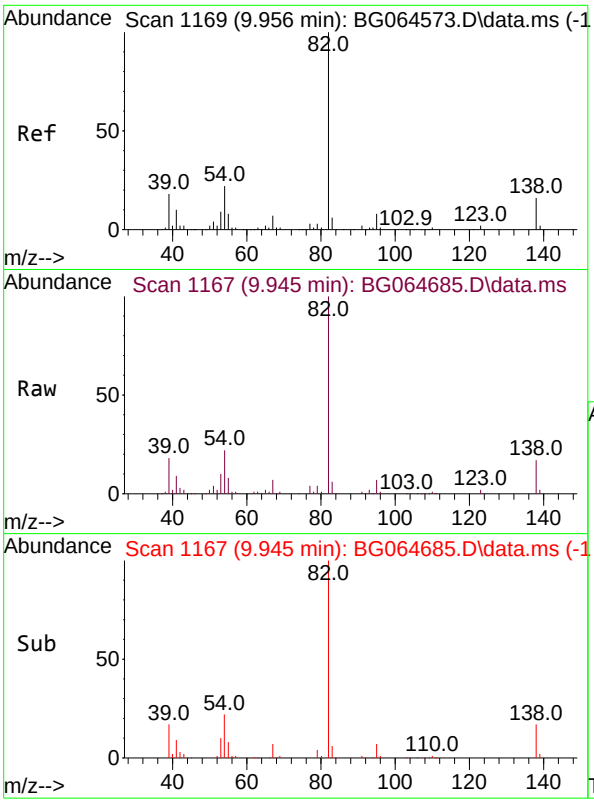


#24
Nitrobenzene
Concen: 46.933 ng
RT: 9.416 min Scan# 1077
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion: 77 Resp: 103805

Ion	Ratio	Lower	Upper
77	100		
123	40.5	31.0	46.6
65	17.2	12.7	19.1

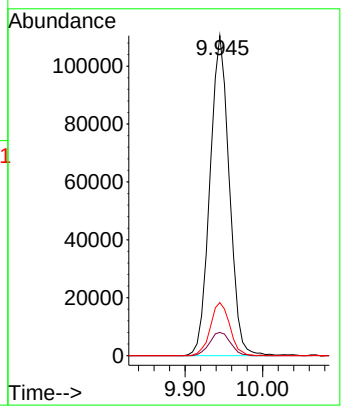




#25
Isophorone
Concen: 39.235 ng
RT: 9.945 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion: 82 Resp: 19144

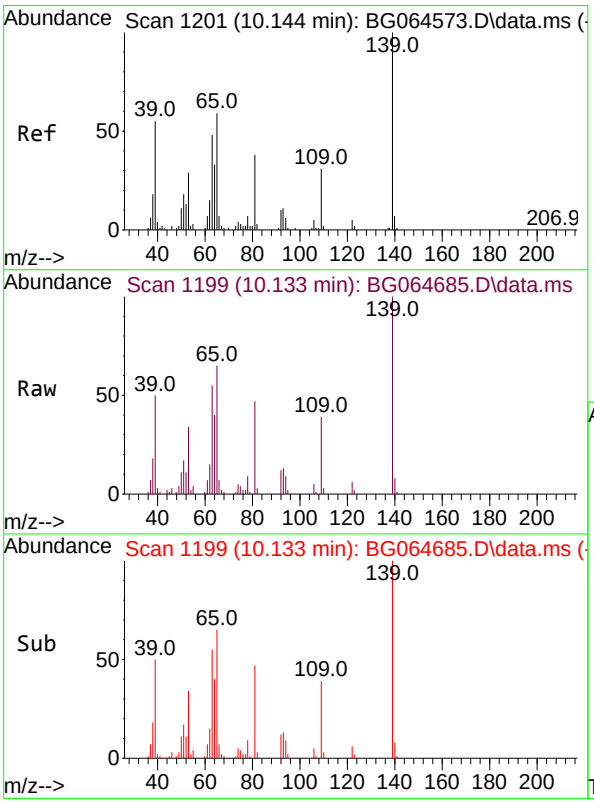
Ion	Ratio	Lower	Upper
82	100		
95	7.3	6.1	9.1
138	16.6	13.0	19.4



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

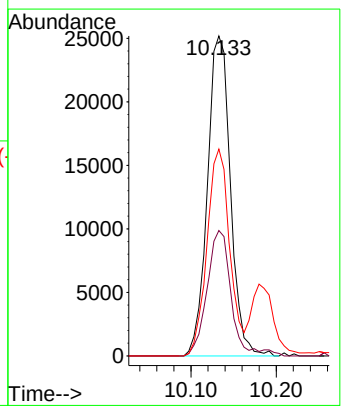
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

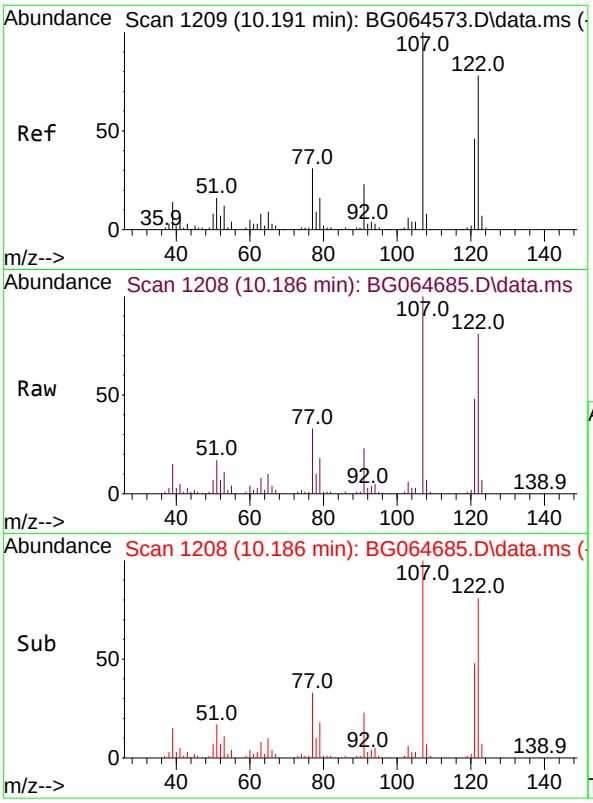


#26
2-Nitrophenol
Concen: 54.801 ng
RT: 10.133 min Scan# 1199
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:139 Resp: 47171

Ion	Ratio	Lower	Upper
139	100		
109	39.2	24.6	37.0#
65	64.6	47.5	71.3

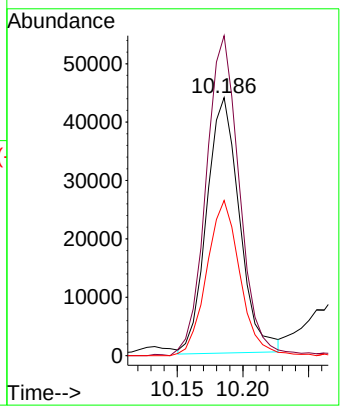




#27
2,4-Dimethylphenol
Concen: 42.067 ng
RT: 10.186 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:122 Resp: 7635

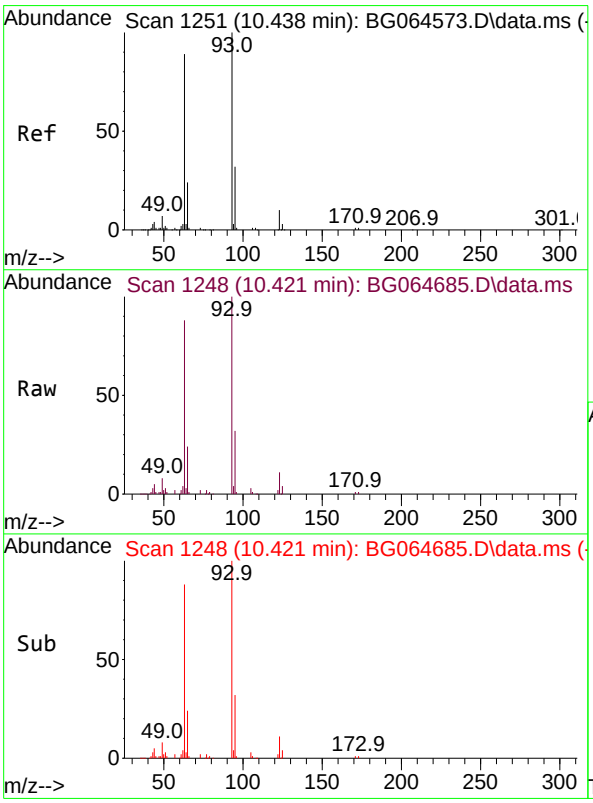
Ion	Ratio	Lower	Upper
122	100		
107	124.0	103.0	154.4
121	60.1	47.8	71.8



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

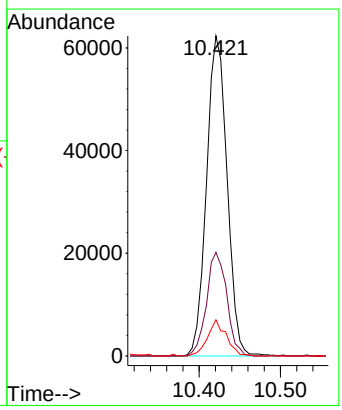
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

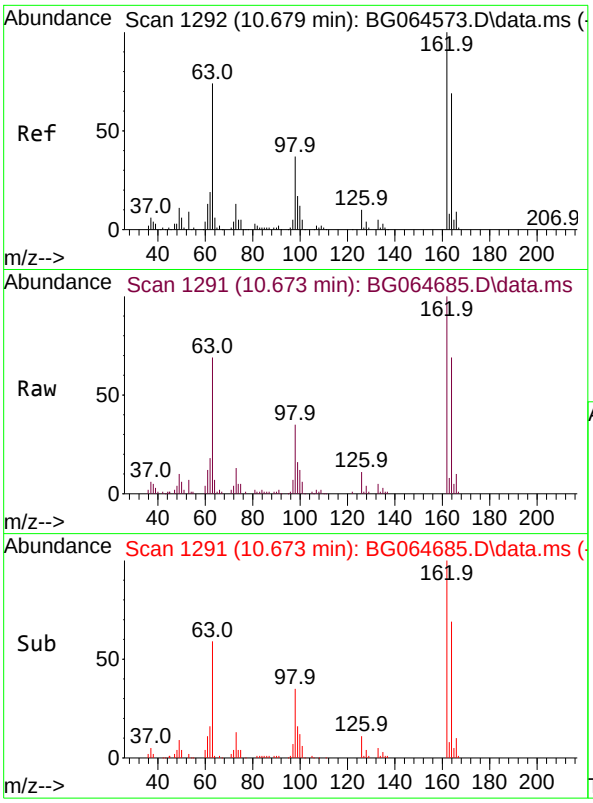


#28
bis(2-Chloroethoxy)methane
Concen: 39.374 ng
RT: 10.421 min Scan# 1248
Delta R.T. -0.017 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion: 93 Resp: 109390

Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.4	38.2
123	11.3	8.4	12.6

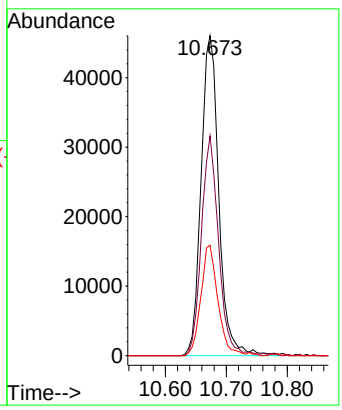




#29
2,4-Dichlorophenol
Concen: 47.564 ng
RT: 10.673 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:162 Resp: 9290

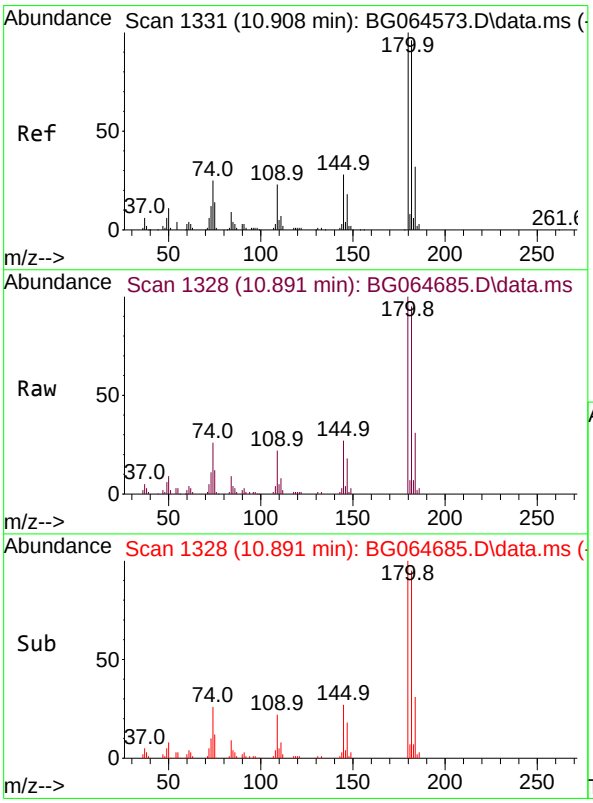
Ion	Ratio	Lower	Upper
162	100		
164	68.7	48.7	88.7
98	34.5	16.9	56.9



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

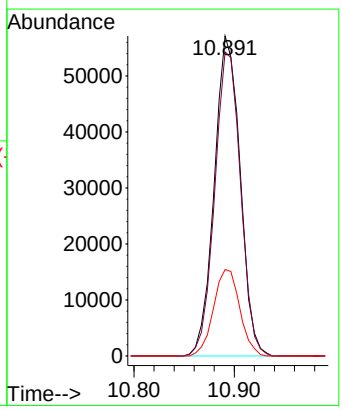
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

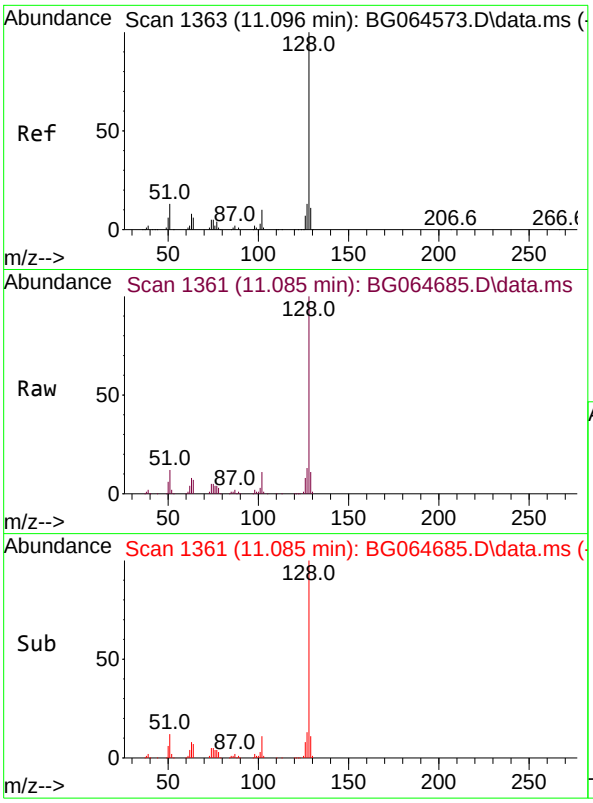


#30
1,2,4-Trichlorobenzene
Concen: 45.985 ng
RT: 10.891 min Scan# 1328
Delta R.T. -0.017 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:180 Resp: 102059

Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.9	115.3
145	27.0	22.1	33.1

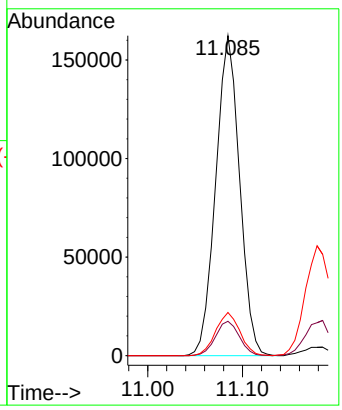




#31
Naphthalene
Concen: 41.922 ng
RT: 11.085 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:128 Resp: 28388

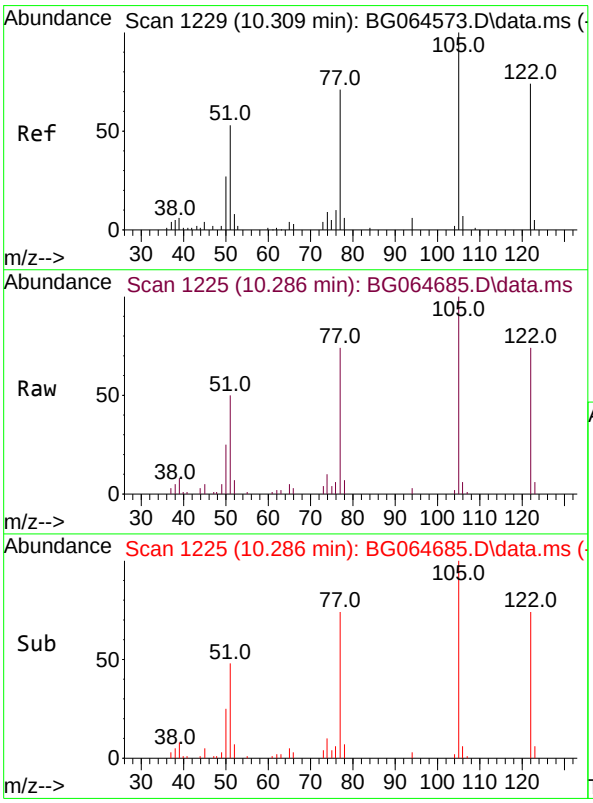
Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	13.5	10.6	15.8



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations
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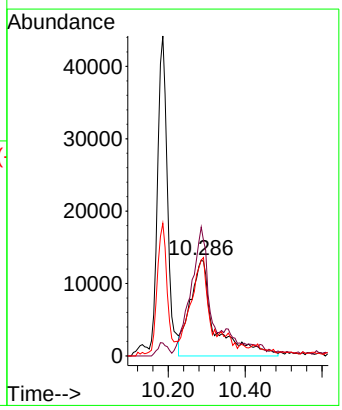
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

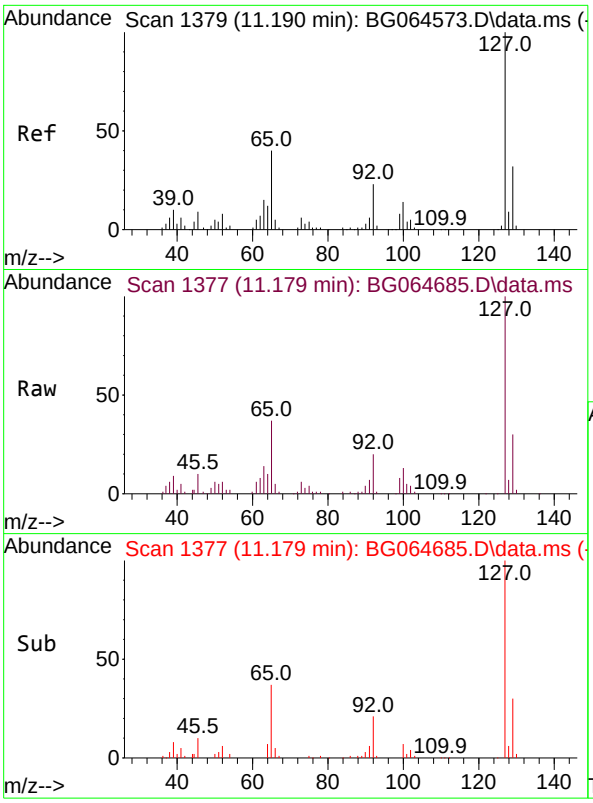


#32
Benzoic acid
Concen: 43.336 ng m
RT: 10.286 min Scan# 1225
Delta R.T. -0.023 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:122 Resp: 58994

Ion	Ratio	Lower	Upper
122	100		
105	134.6	104.2	144.2
77	100.0	70.2	110.2

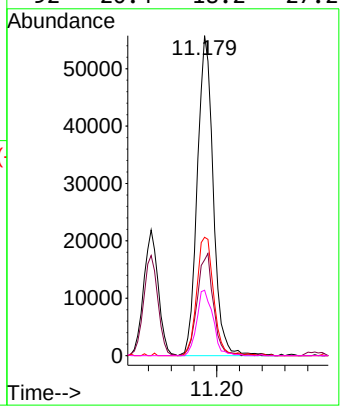




#33
4-Chloroaniline
Concen: 41.102 ng
RT: 11.179 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:127 Resp: 10818

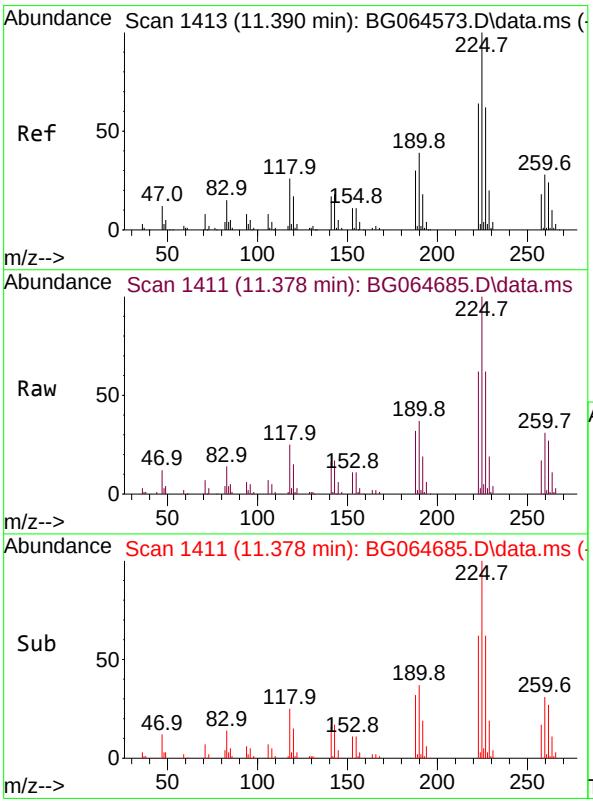
Ion	Ratio	Lower	Upper
127	100		
129	29.9	25.5	38.3
65	37.0	32.2	48.4
92	20.4	18.2	27.2



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

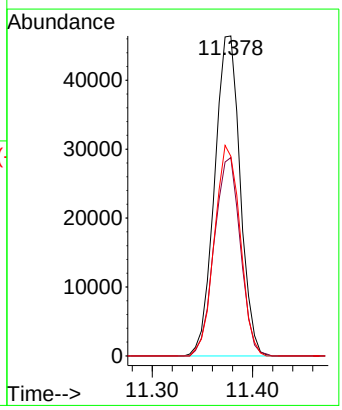
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

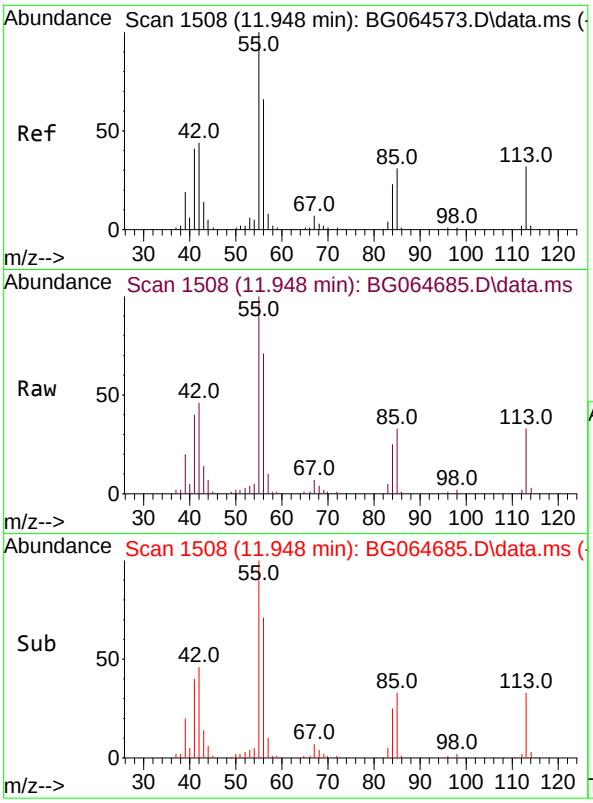


#34
Hexachlorobutadiene
Concen: 47.425 ng
RT: 11.378 min Scan# 1411
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:225 Resp: 82314

Ion	Ratio	Lower	Upper
225	100		
223	58.8	48.8	73.2
227	59.2	49.5	74.3

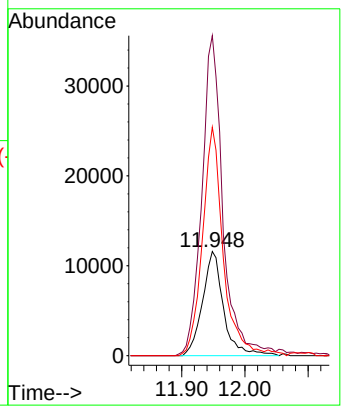




#35
Caprolactam
Concen: 35.795 ng
RT: 11.948 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:113 Resp: 2681

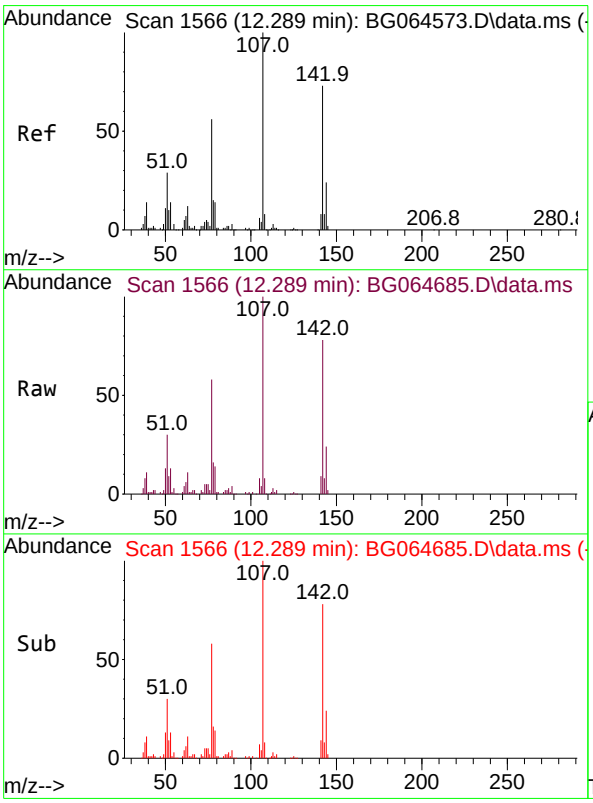
Ion	Ratio	Lower	Upper
113	100		
55	307.4	290.1	330.1
56	219.4	183.8	223.8



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

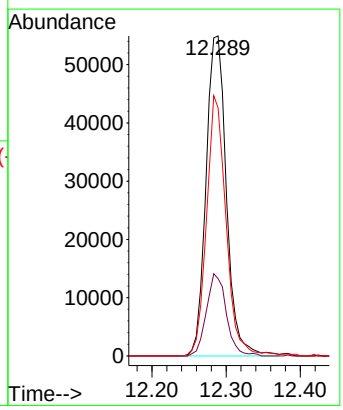
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

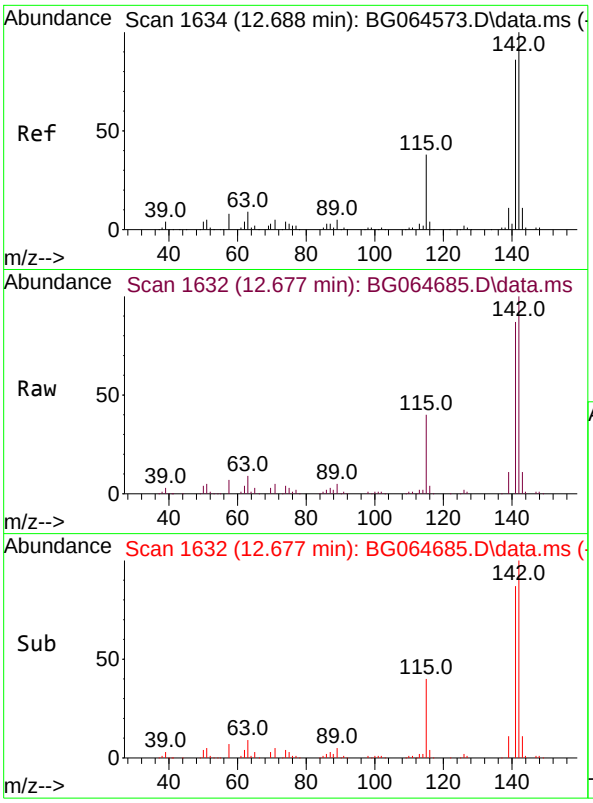


#36
4-Chloro-3-methylphenol
Concen: 44.685 ng
RT: 12.289 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:107 Resp: 104917

Ion	Ratio	Lower	Upper
107	100		
144	24.1	19.1	28.7
142	77.5	58.6	87.8

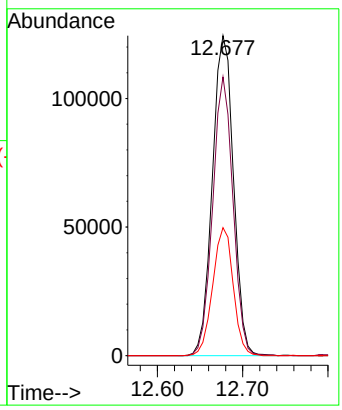




#37
2-Methylnaphthalene
Concen: 43.089 ng
RT: 12.677 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:142 Resp: 21422

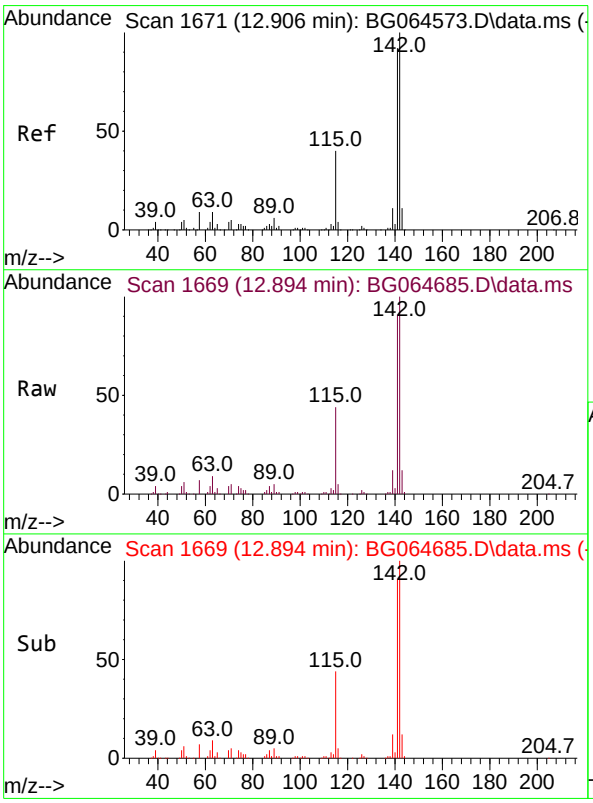
Ion	Ratio	Lower	Upper
142	100		
141	87.1	68.9	103.3
115	40.0	30.6	46.0



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

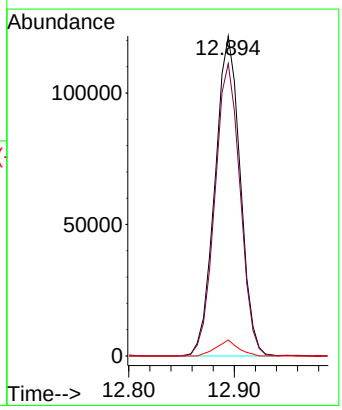
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

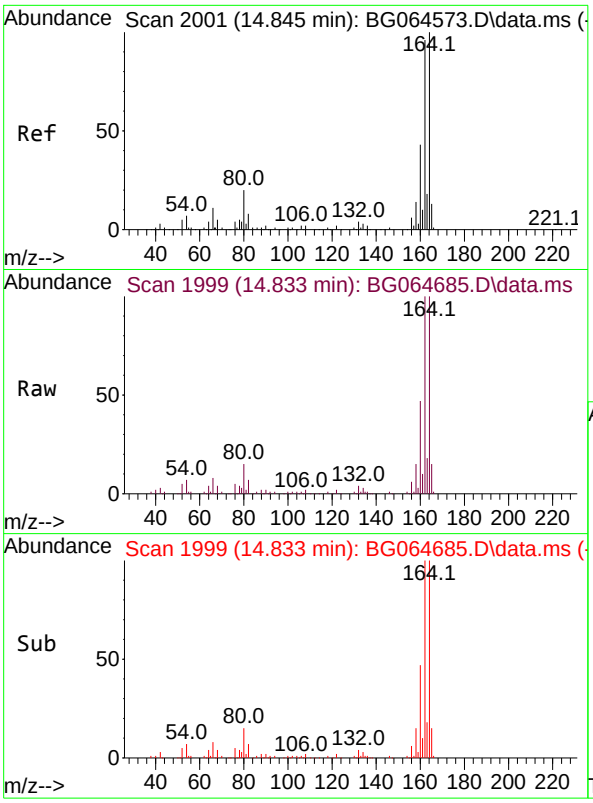


#38
1-Methylnaphthalene
Concen: 41.083 ng m
RT: 12.894 min Scan# 1669
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:142 Resp: 202203

Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.3	109.9
116	5.0	3.1	4.7#

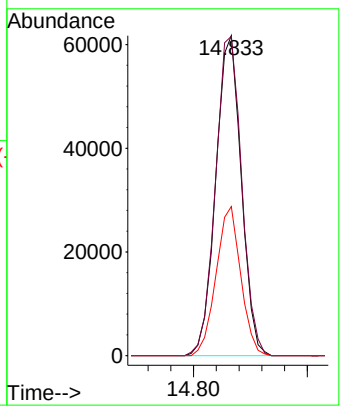




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.833 min Scan# 19
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:164 Resp: 9566

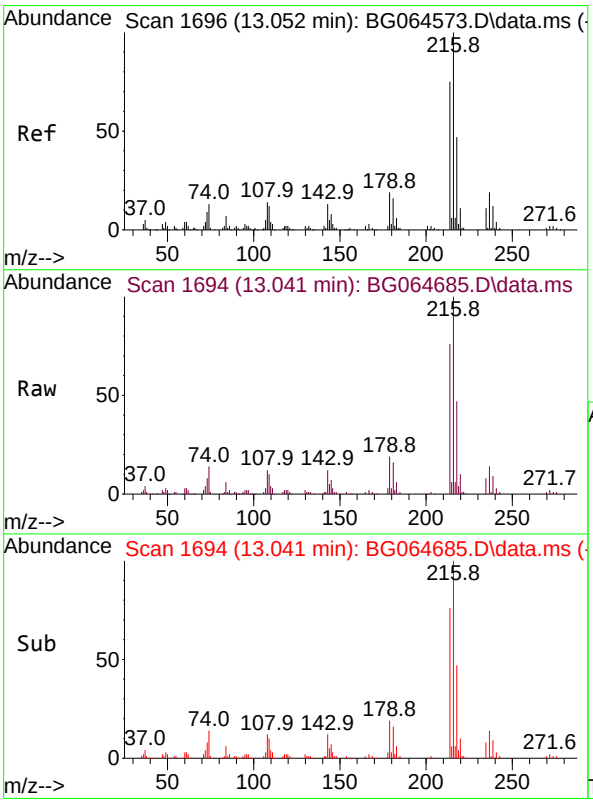
Ion	Ratio	Lower	Upper
164	100		
162	99.8	77.0	115.6
160	46.6	34.4	51.6



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

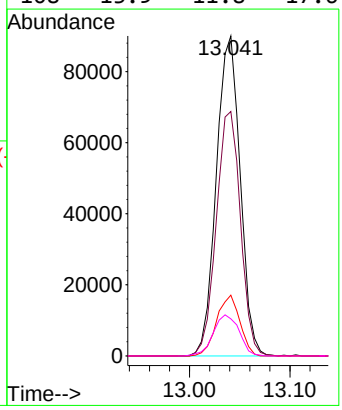
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

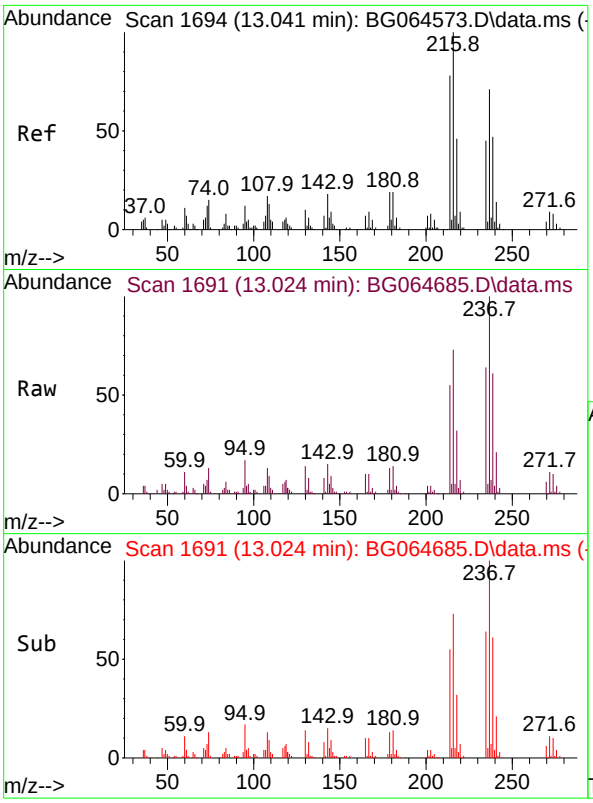


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.413 ng
RT: 13.041 min Scan# 1694
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:216 Resp: 149007

Ion	Ratio	Lower	Upper
216	100		
214	77.3	61.4	92.2
179	18.4	15.4	23.0
108	13.9	11.8	17.6





#41
Hexachlorocyclopentadiene
Concen: 50.802 ng
RT: 13.024 min Scan# 1
Delta R.T. -0.017 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

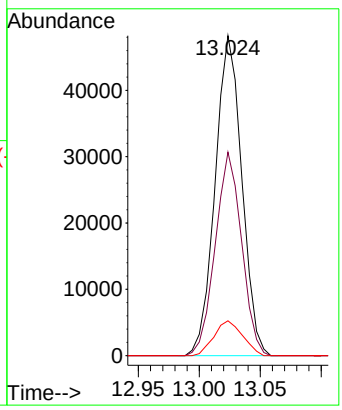
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

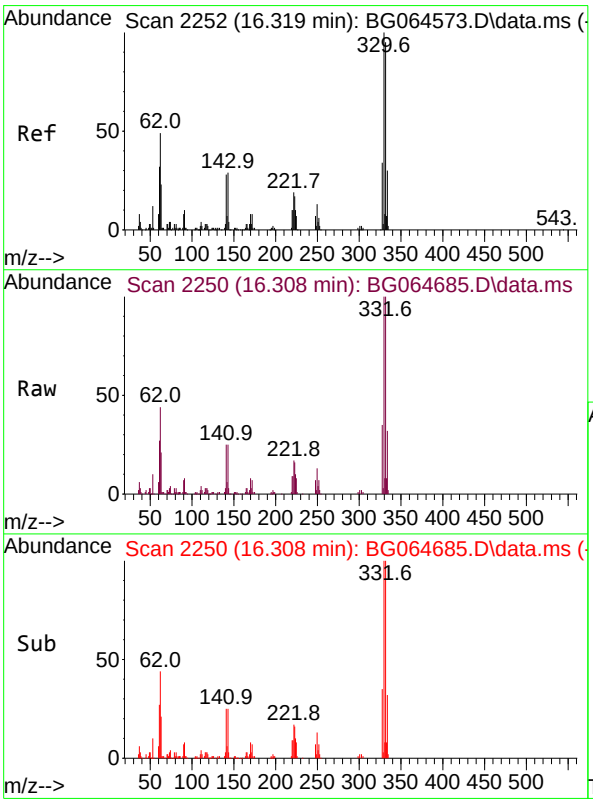
Tgt Ion:237 Resp: 7341

Ion	Ratio	Lower	Upper
237	100		
235	63.6	44.1	84.1
272	10.9	0.0	32.4

Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

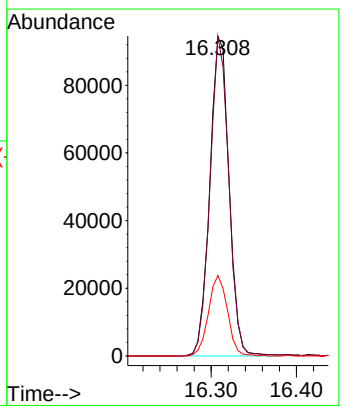


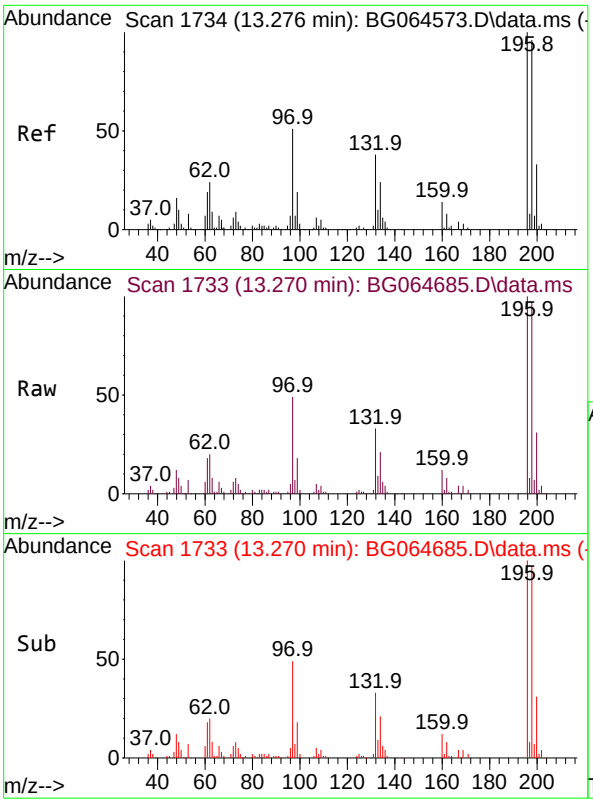


#42
2,4,6-Tribromophenol
Concen: 106.918 ng
RT: 16.308 min Scan# 2250
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:330 Resp: 147621

Ion	Ratio	Lower	Upper
330	100		
332	98.1	78.0	117.0
141	24.8	21.8	32.6

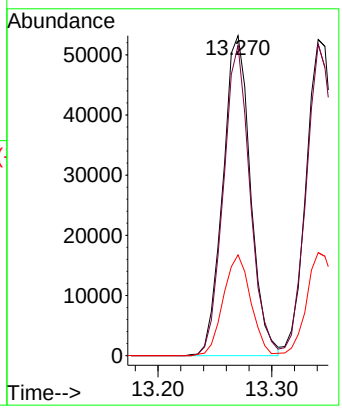




#43
2,4,6-Trichlorophenol
Concen: 48.814 ng
RT: 13.270 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:196 Resp: 8964

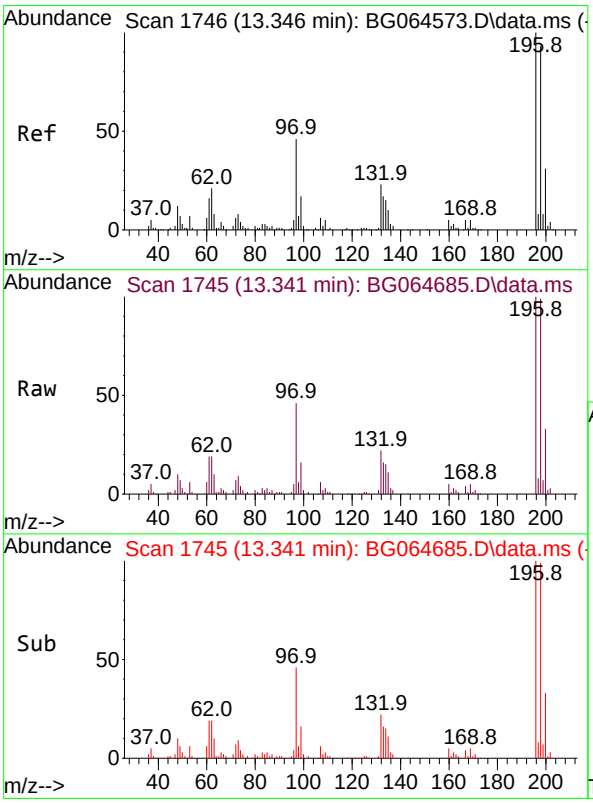
Ion	Ratio	Lower	Upper
196	100		
198	96.9	76.6	115.0
200	31.5	26.0	39.0



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

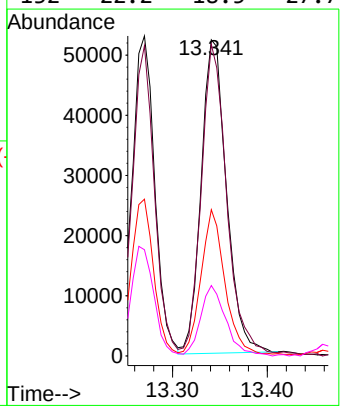
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

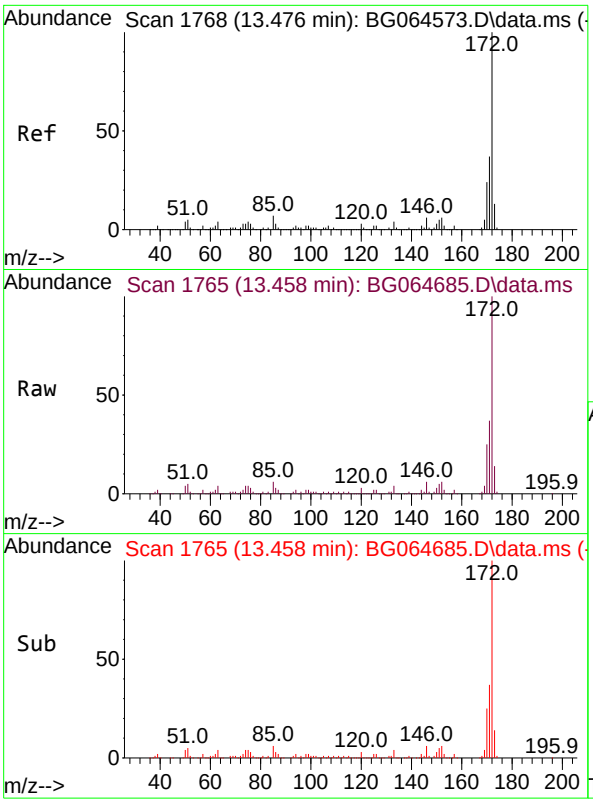


#44
2,4,5-Trichlorophenol
Concen: 45.753 ng
RT: 13.341 min Scan# 1745
Delta R.T. -0.005 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:196 Resp: 96961

Ion	Ratio	Lower	Upper
196	100		
198	98.5	74.2	111.4
97	46.2	37.0	55.6
132	22.2	18.5	27.7

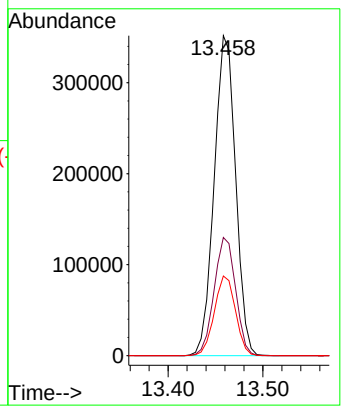




#45
2-Fluorobiphenyl
Concen: 87.430 ng
RT: 13.458 min Scan# 1
Delta R.T. -0.017 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:172 Resp: 551791

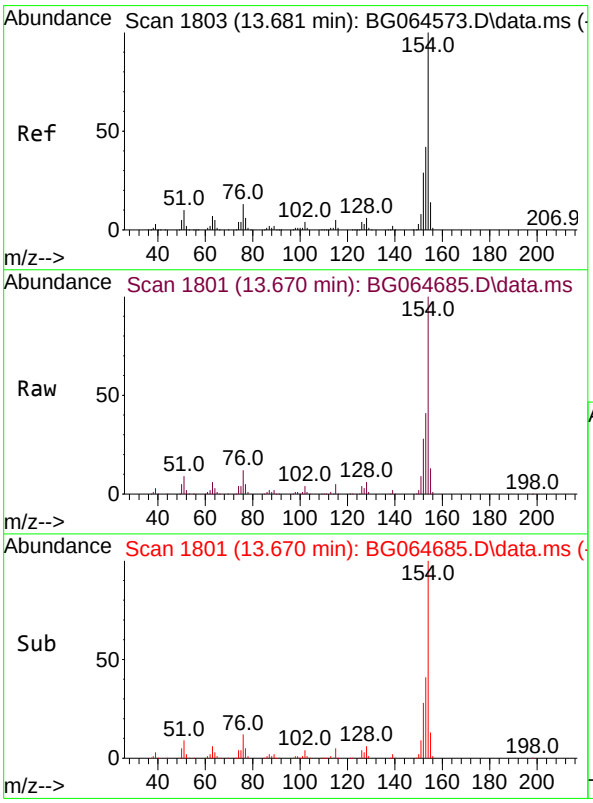
Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.0
170	24.9	19.1	28.7



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

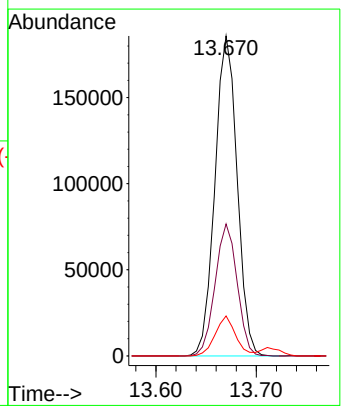
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

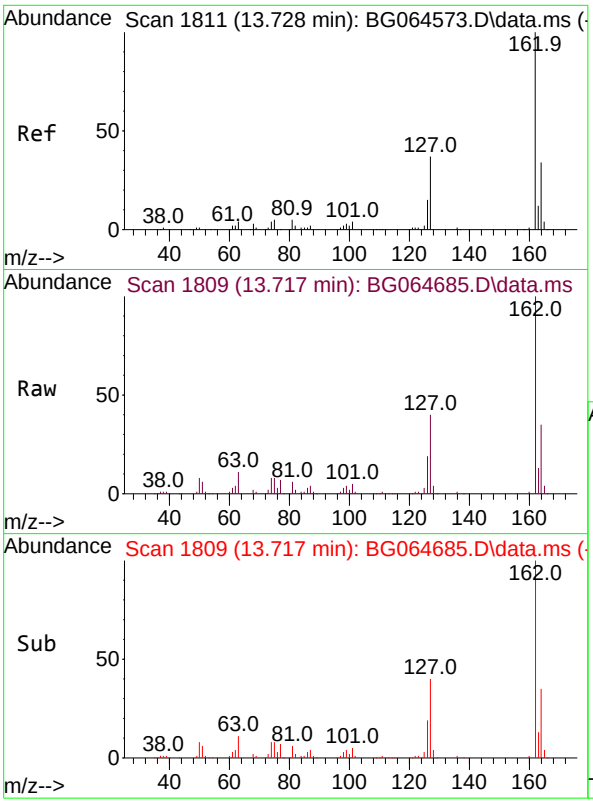


#46
1,1'-Biphenyl
Concen: 41.958 ng
RT: 13.670 min Scan# 1801
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:154 Resp: 285351

Ion	Ratio	Lower	Upper
154	100		
153	41.2	22.4	62.4
76	12.5	0.0	33.5

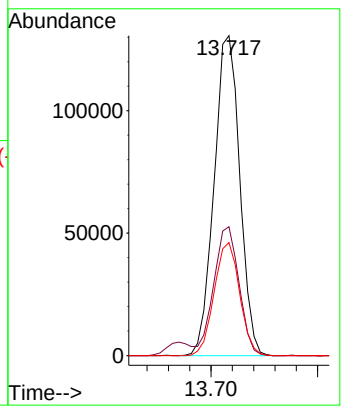




#47
2-Chloronaphthalene
Concen: 42.601 ng
RT: 13.717 min Scan# 18
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:162 Resp: 21869

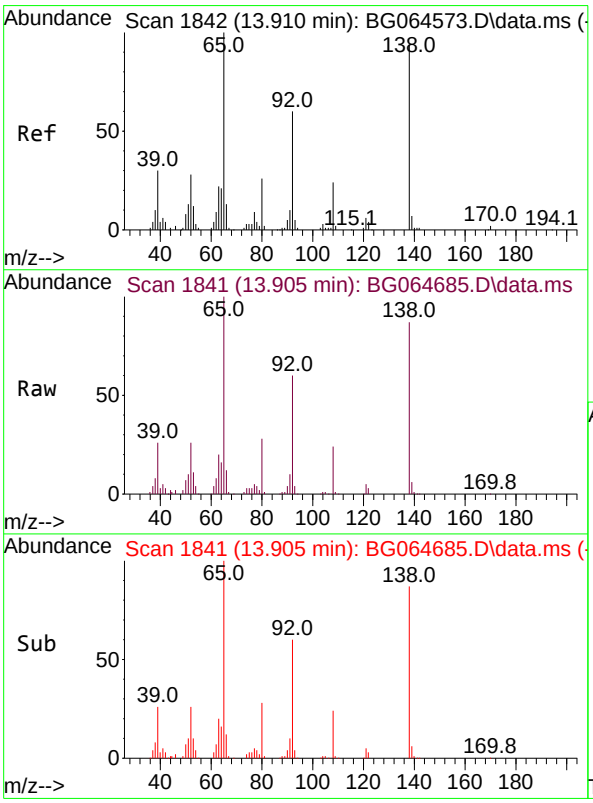
Ion	Ratio	Lower	Upper
162	100		
127	40.3	32.2	48.2
164	35.3	27.5	41.3



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

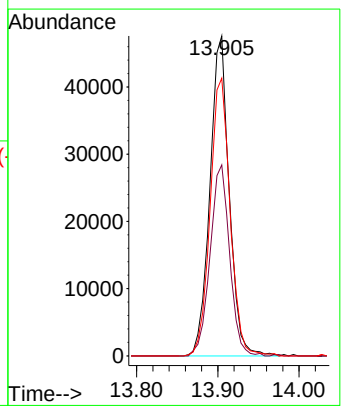
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

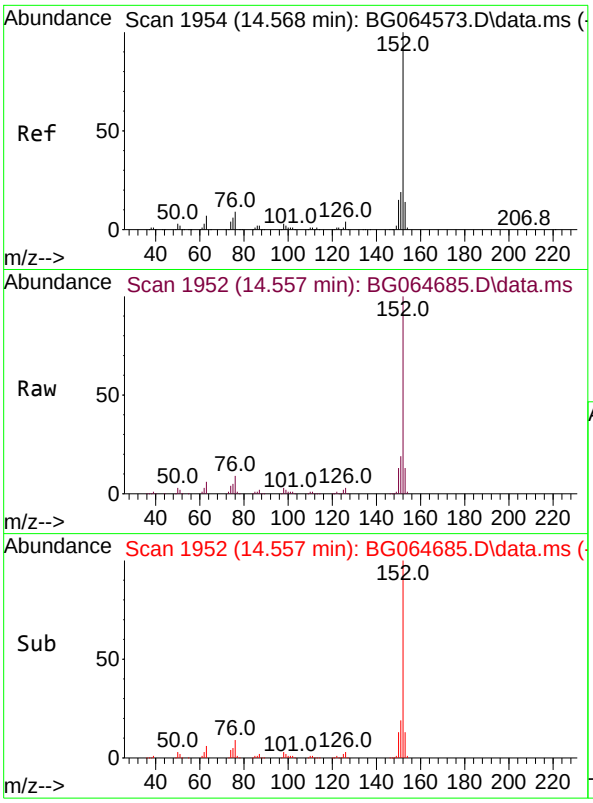


#48
2-Nitroaniline
Concen: 45.634 ng
RT: 13.905 min Scan# 1841
Delta R.T. -0.005 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion: 65 Resp: 78350

Ion	Ratio	Lower	Upper
65	100		
92	59.7	48.3	72.5
138	86.8	74.9	112.3

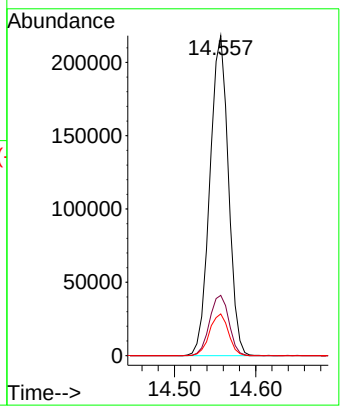




#49
Acenaphthylene
Concen: 42.673 ng
RT: 14.557 min Scan# 19
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:152 Resp: 34553

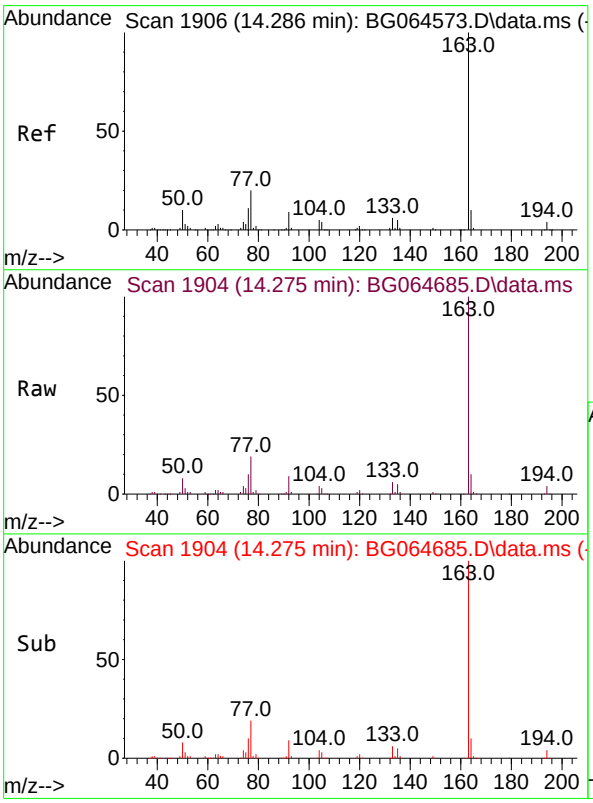
Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.4	23.2
153	13.0	11.0	16.4



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations
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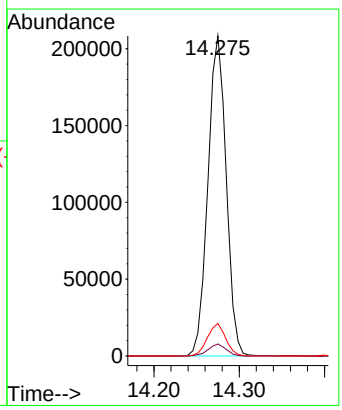
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

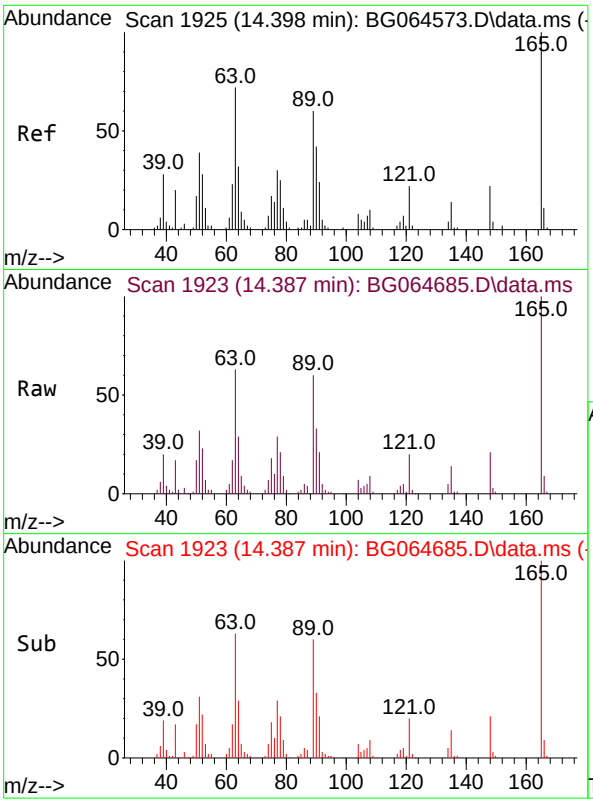


#50
Dimethylphthalate
Concen: 42.293 ng
RT: 14.275 min Scan# 1904
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:163 Resp: 309589

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.8	4.2
164	10.1	7.7	11.5

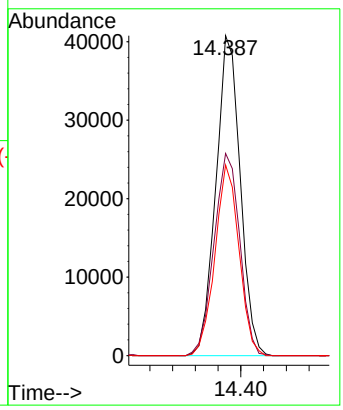




#51
2,6-Dinitrotoluene
Concen: 50.015 ng
RT: 14.387 min Scan# 19
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:165 Resp: 6058

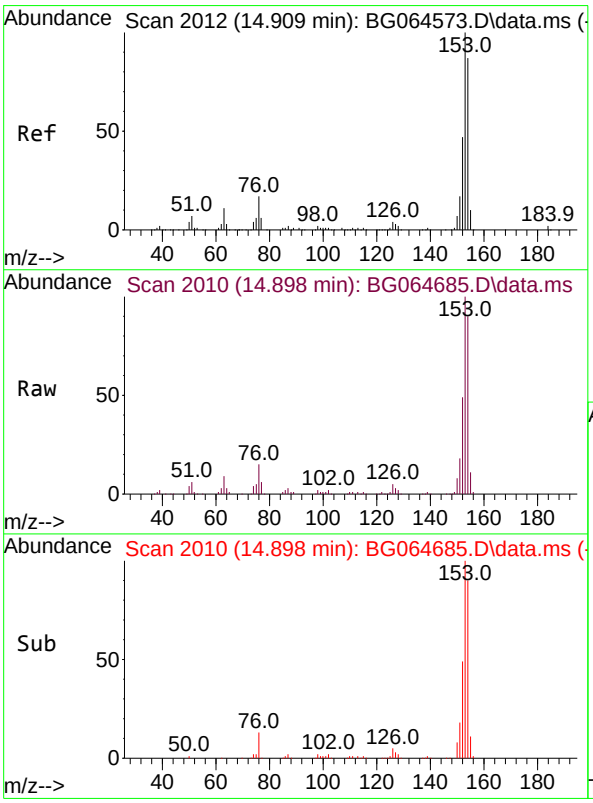
Ion	Ratio	Lower	Upper
165	100		
63	63.2	57.4	86.0
89	59.6	47.8	71.8



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

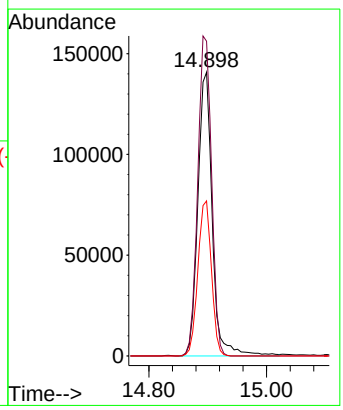
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

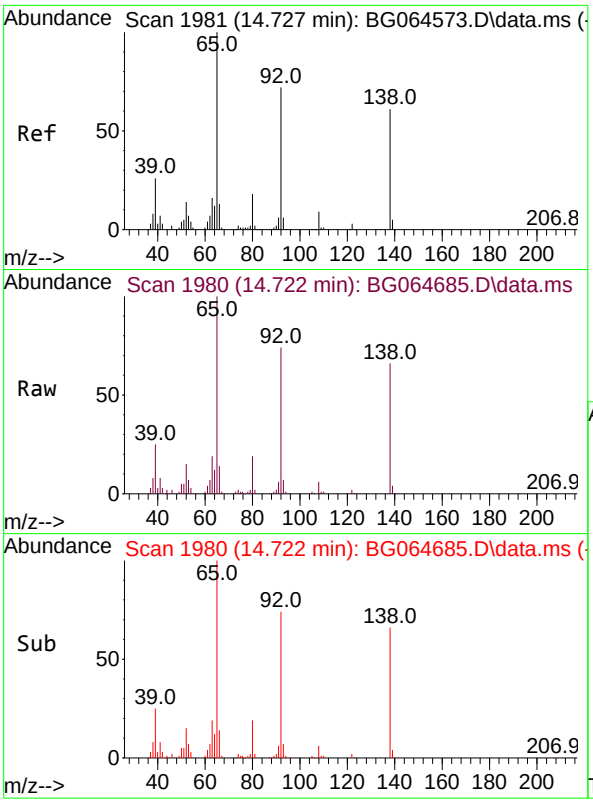


#52
Acenaphthene
Concen: 43.220 ng
RT: 14.898 min Scan# 2010
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:154 Resp: 239100

Ion	Ratio	Lower	Upper
154	100		
153	110.9	92.2	138.4
152	54.6	43.2	64.8

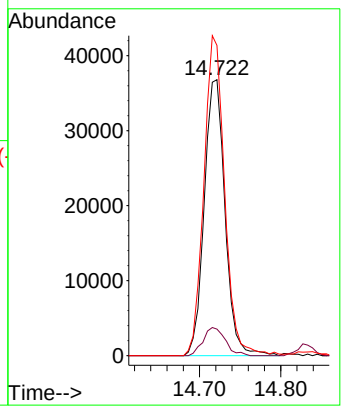




#53
3-Nitroaniline
Concen: 52.180 ng
RT: 14.722 min Scan# 19
Delta R.T. -0.005 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:138 Resp: 6564

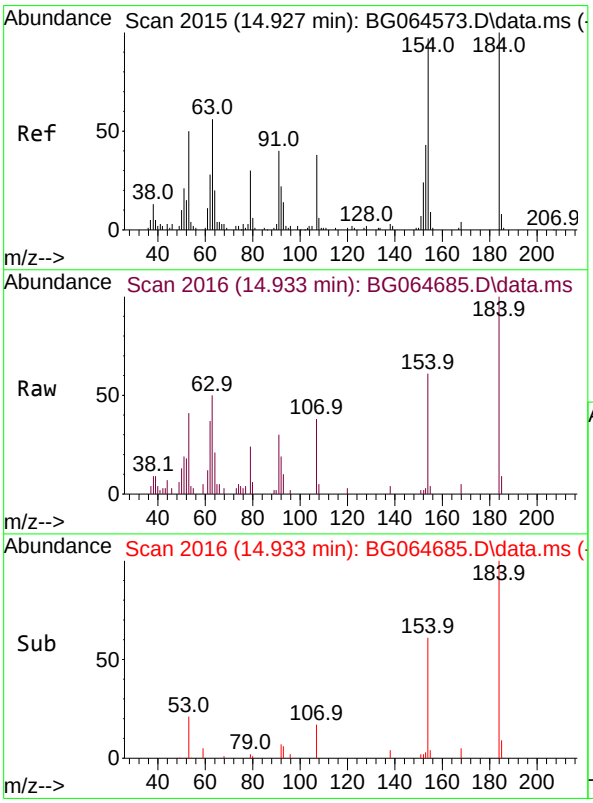
Ion	Ratio	Lower	Upper
138	100		
108	9.6	11.4	17.0#
92	112.4	95.3	142.9



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

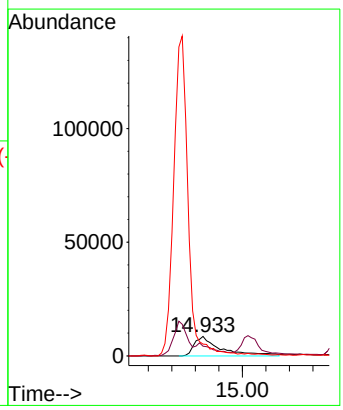
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

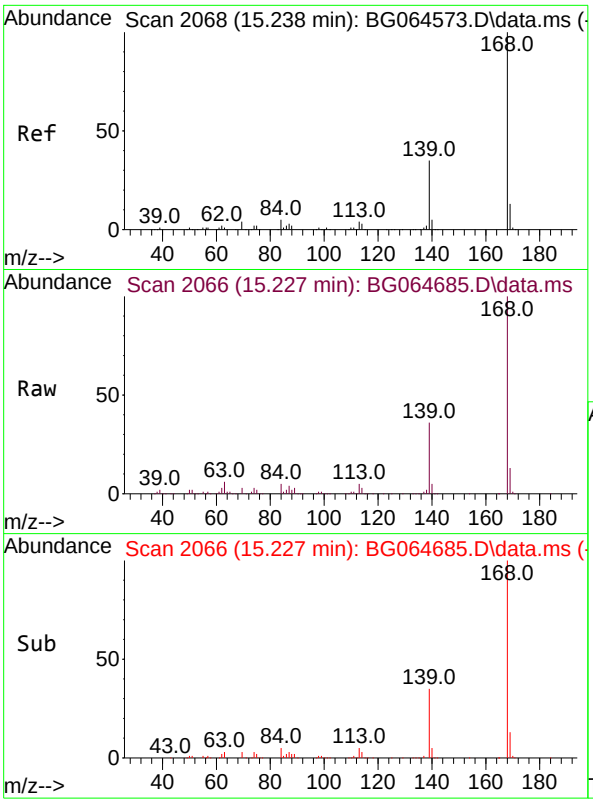


#54
2,4-Dinitrophenol
Concen: 39.260 ng
RT: 14.933 min Scan# 2016
Delta R.T. 0.006 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:184 Resp: 26837

Ion	Ratio	Lower	Upper
184	100		
63	49.5	56.6	85.0#
154	60.6	158.6	238.0#

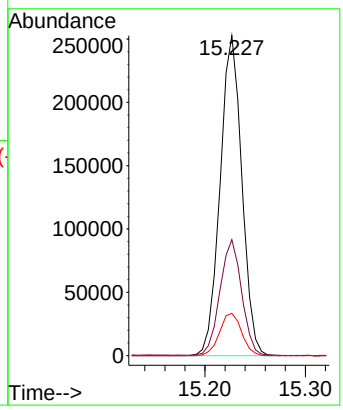




#55
Dibenzofuran
Concen: 42.605 ng
RT: 15.227 min Scan# 2
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:168 Resp: 38105

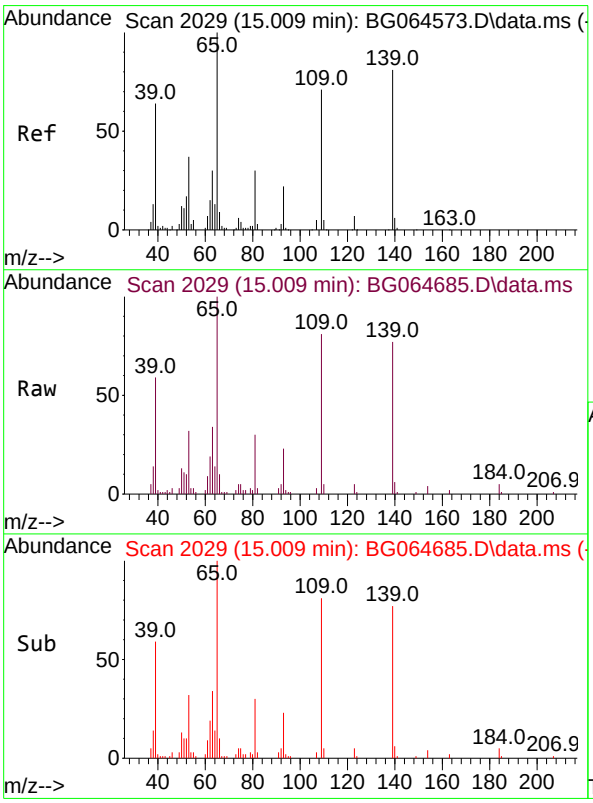
Ion	Ratio	Lower	Upper
168	100		
139	36.2	27.8	41.8
169	13.2	10.3	15.5



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

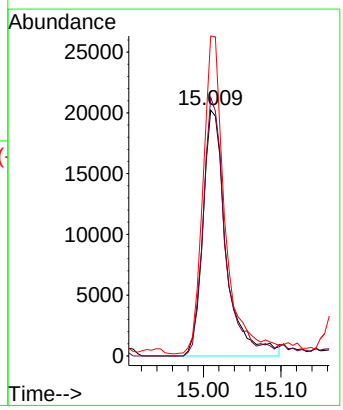
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

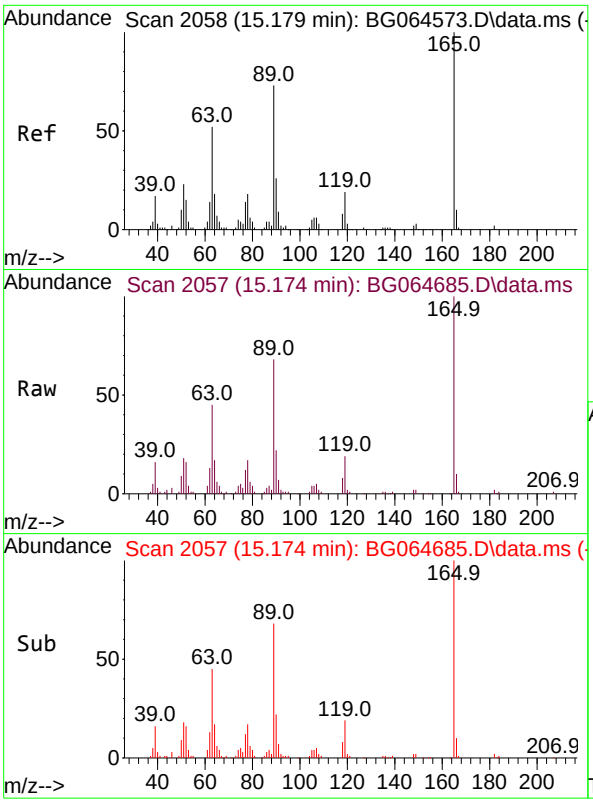


#56
4-Nitrophenol
Concen: 35.944 ng
RT: 15.009 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:139 Resp: 41923

Ion	Ratio	Lower	Upper
139	100		
109	105.1	67.8	107.8
65	130.2	103.7	143.7

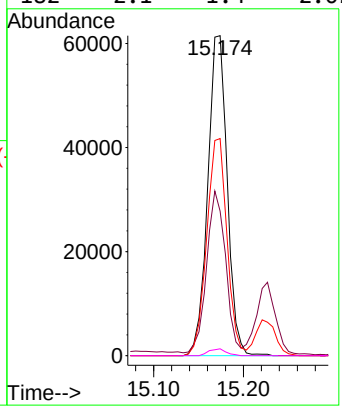




#57
2,4-Dinitrotoluene
Concen: 49.650 ng
RT: 15.174 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:165 Resp: 9292

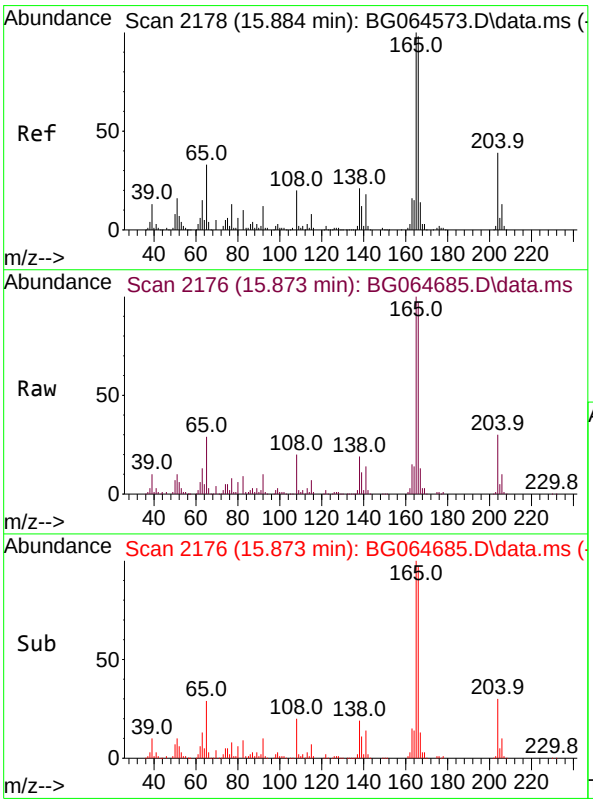
Ion	Ratio	Lower	Upper
165	100		
63	45.1	41.8	62.8
89	67.8	58.1	87.1
182	2.1	1.4	2.0#



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

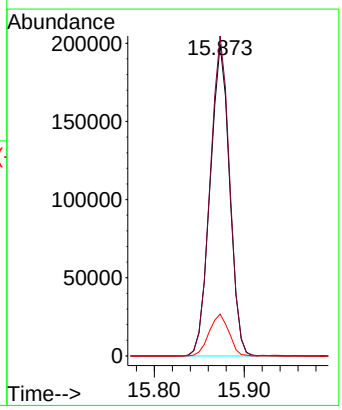
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

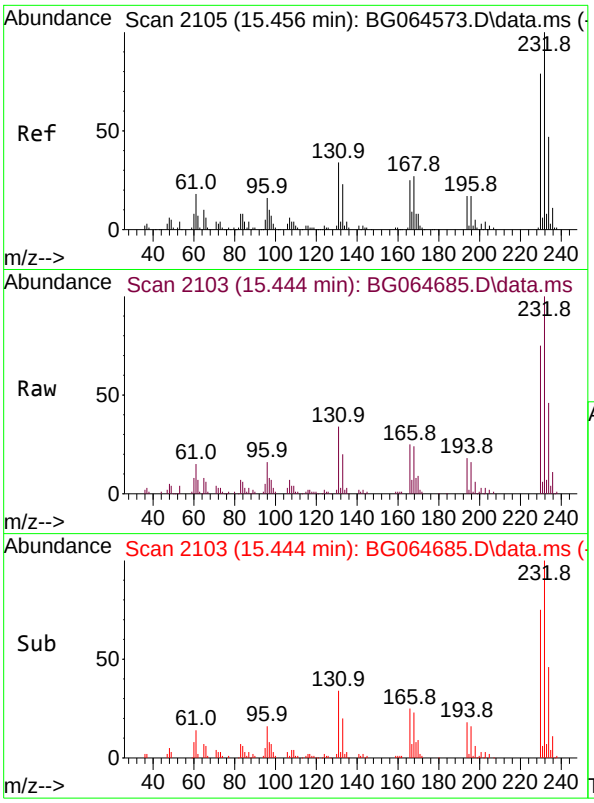


#58
Fluorene
Concen: 42.797 ng
RT: 15.873 min Scan# 2176
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:166 Resp: 298932

Ion	Ratio	Lower	Upper
166	100		
165	102.7	81.5	122.3
167	13.4	11.4	17.0

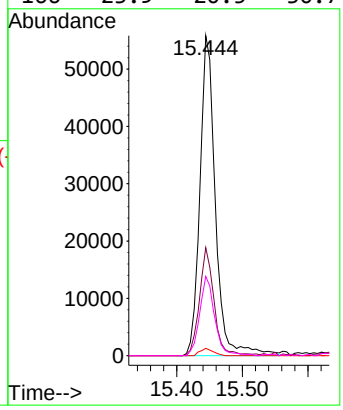




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.949 ng
RT: 15.444 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:232 Resp: 9108

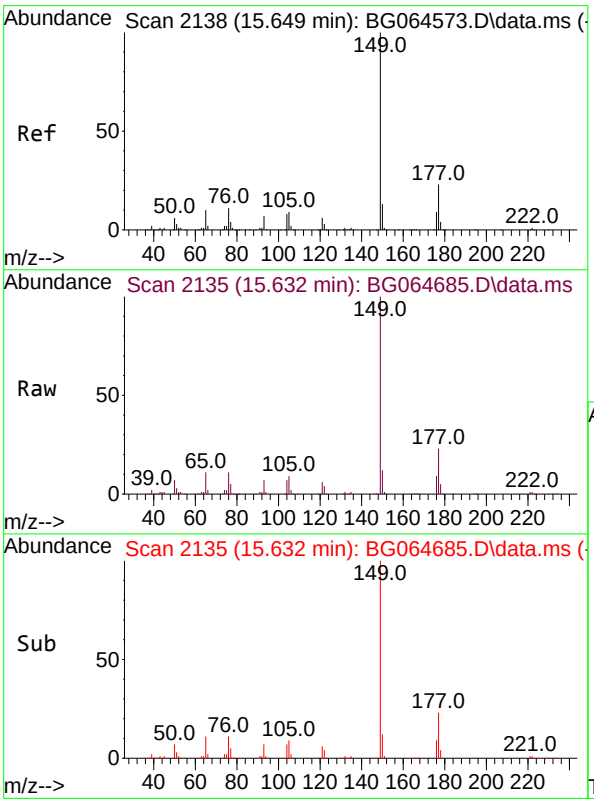
Ion	Ratio	Lower	Upper
232	100		
131	31.8	26.7	40.1
130	1.9	1.6	2.4
166	23.9	20.5	30.7



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

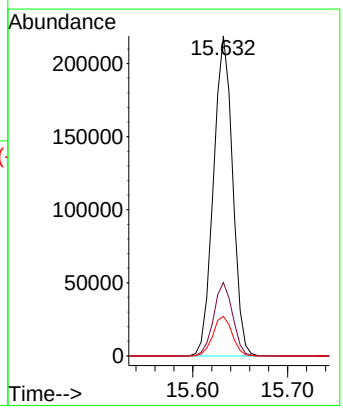
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

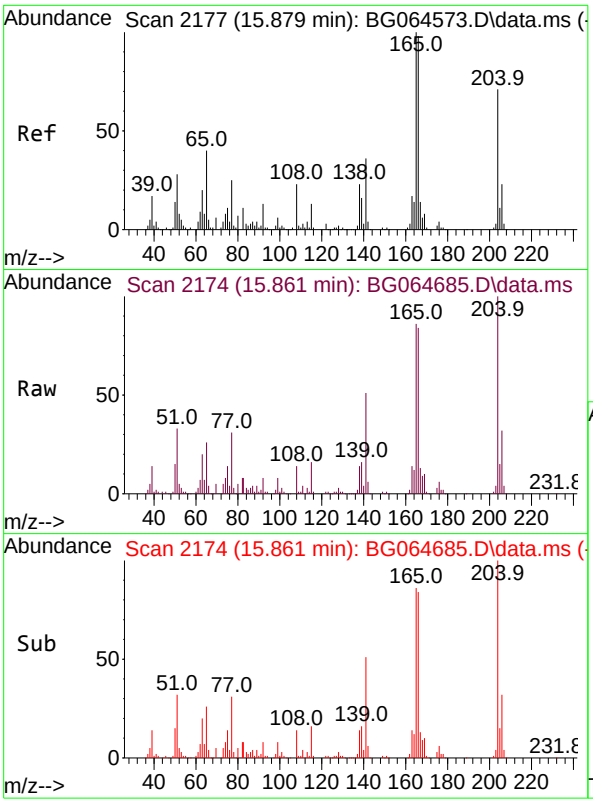


#60
Diethylphthalate
Concen: 41.099 ng
RT: 15.632 min Scan# 2135
Delta R.T. -0.017 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:149 Resp: 307182

Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.0	27.0
150	12.3	10.2	15.4

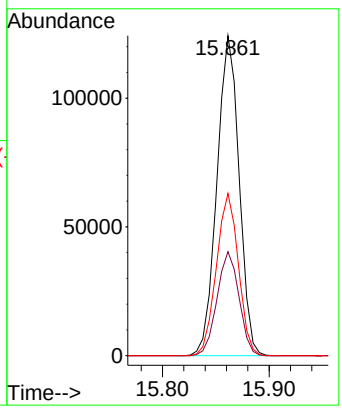




#61
4-Chlorophenyl-phenylether
Concen: 45.937 ng
RT: 15.861 min Scan# 21
Delta R.T. -0.017 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:204 Resp: 18006

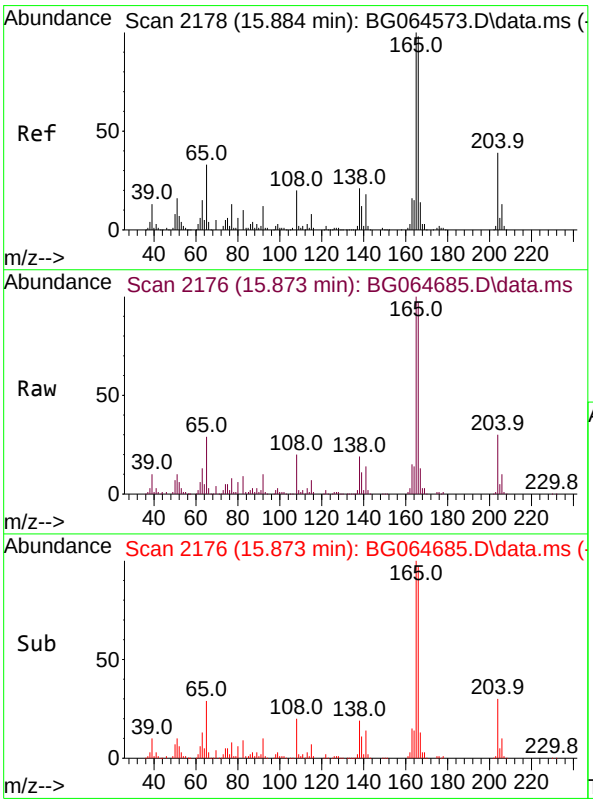
Ion	Ratio	Lower	Upper
204	100		
206	32.5	25.6	38.4
141	50.7	40.6	60.8



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

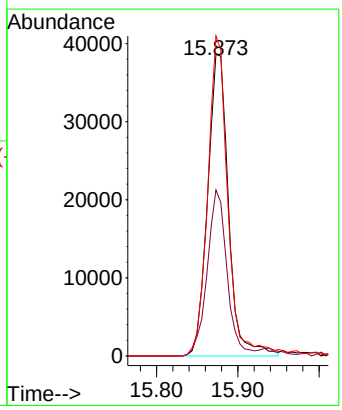
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

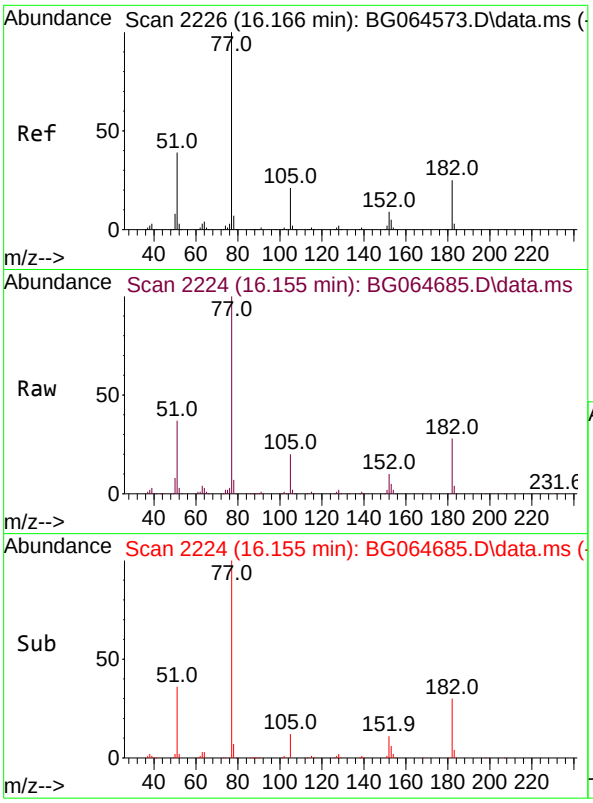


#62
4-Nitroaniline
Concen: 49.189 ng
RT: 15.873 min Scan# 2176
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:138 Resp: 68841

Ion	Ratio	Lower	Upper
138	100		
92	55.0	36.1	76.1
108	106.0	75.6	115.6

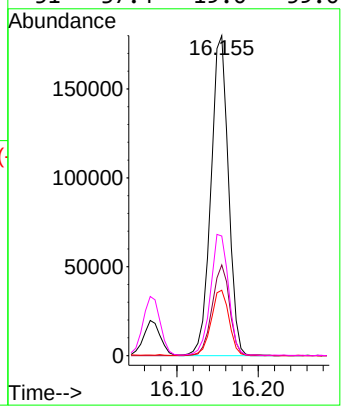




#63
Azobenzene
Concen: 39.242 ng
RT: 16.155 min Scan# 2
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion: 77 Resp: 26911

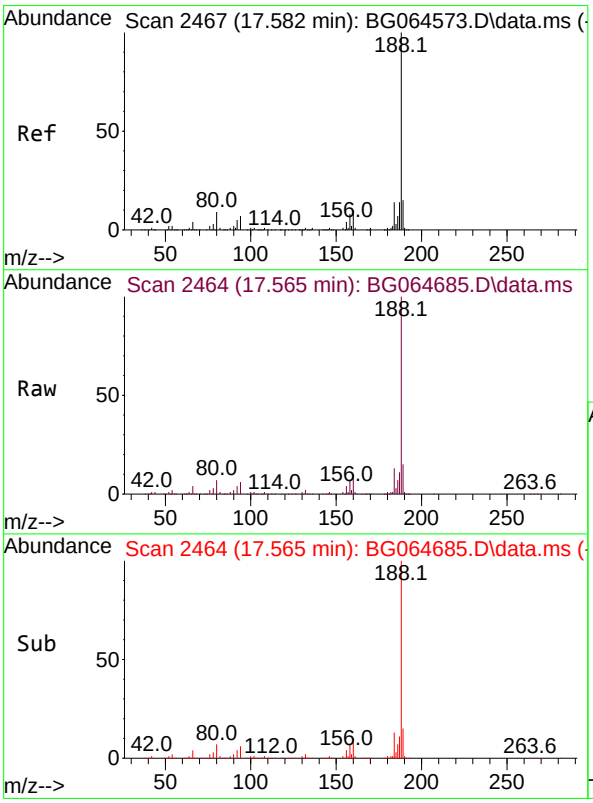
Ion	Ratio	Lower	Upper
77	100		
182	28.3	4.9	44.9
105	20.4	1.3	41.3
51	37.4	19.0	59.0



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

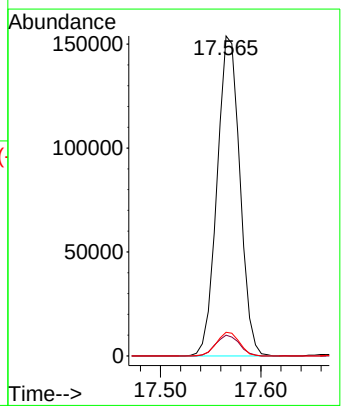
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

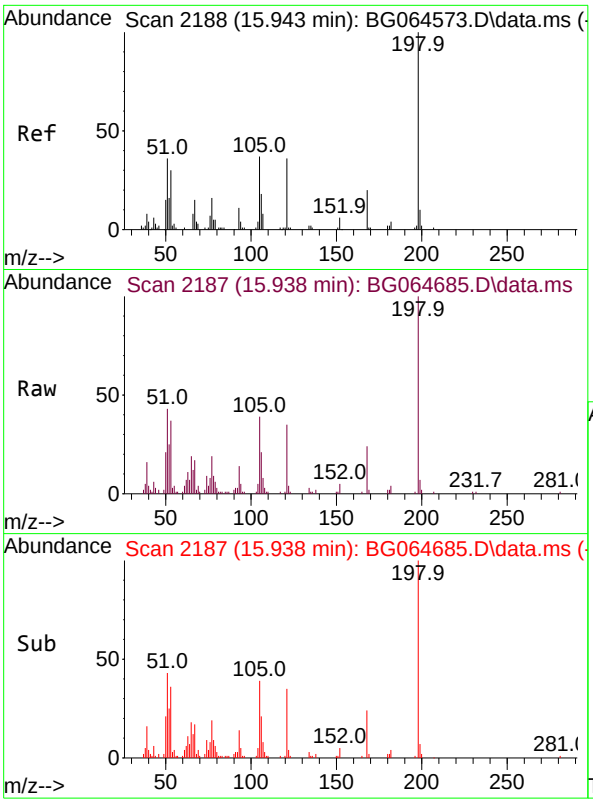


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.565 min Scan# 2464
Delta R.T. -0.017 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:188 Resp: 243103

Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.7	8.5
80	7.4	6.8	10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 51.966 ng
RT: 15.938 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

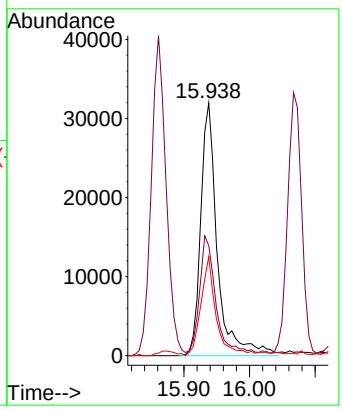
Tgt Ion:198 Resp: 5613

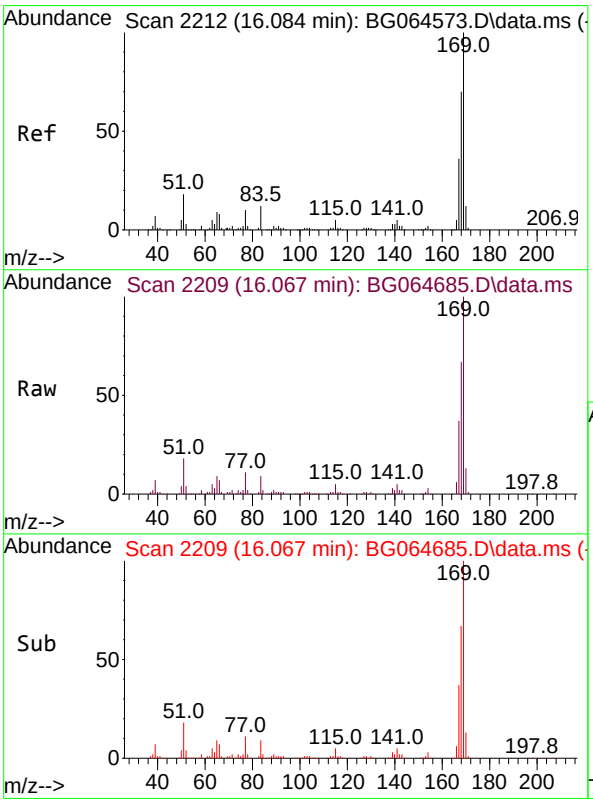
Ion	Ratio	Lower	Upper
198	100		
51	43.5	24.7	64.7
105	39.2	18.0	58.0

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

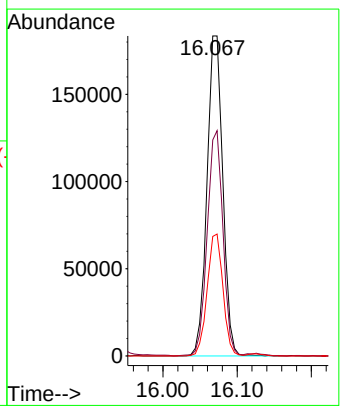


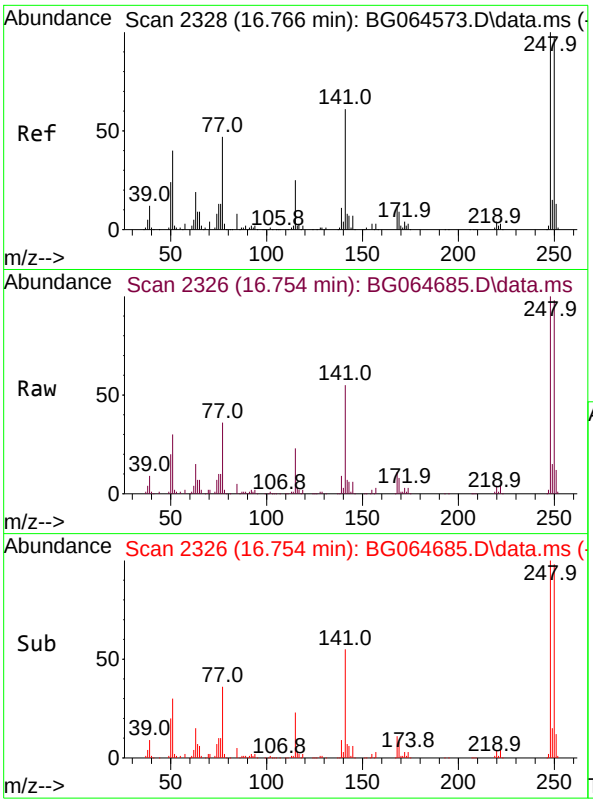


#66
n-Nitrosodiphenylamine
Concen: 41.330 ng
RT: 16.067 min Scan# 2209
Delta R.T. -0.017 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:169 Resp: 271409

Ion	Ratio	Lower	Upper
169	100		
168	67.5	56.3	84.5
167	37.3	29.0	43.6

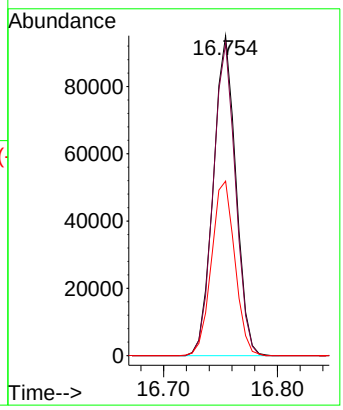




#67
4-Bromophenyl-phenylether
Concen: 45.424 ng
RT: 16.754 min Scan# 2
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:248 Resp: 13085

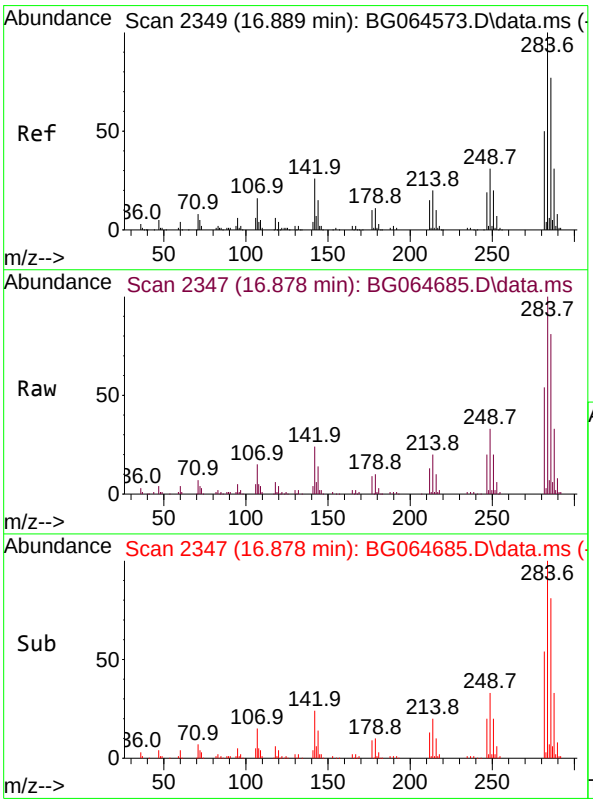
Ion	Ratio	Lower	Upper
248	100		
250	97.6	77.7	116.5
141	54.5	48.6	72.8



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

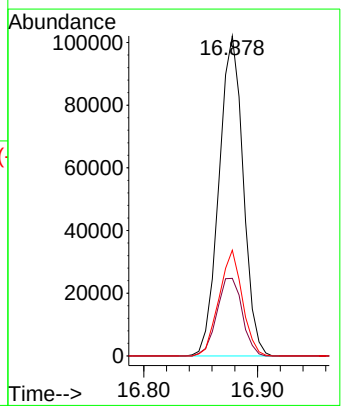
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

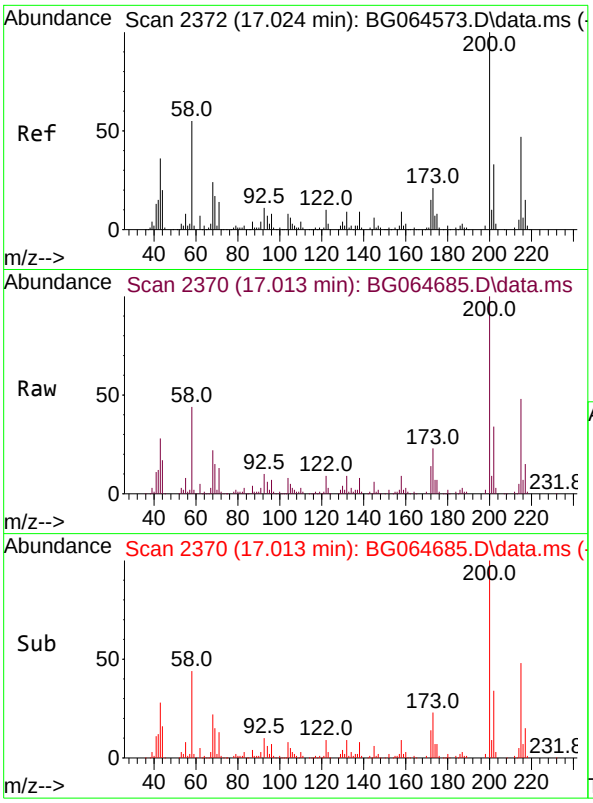


#68
Hexachlorobenzene
Concen: 45.854 ng
RT: 16.878 min Scan# 2347
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:284 Resp: 150702

Ion	Ratio	Lower	Upper
284	100		
142	24.2	21.0	31.6
249	35.2	24.9	37.3

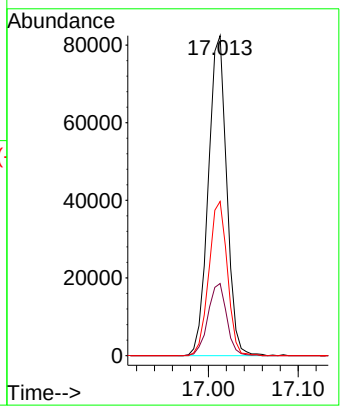




#69
Atrazine
Concen: 41.377 ng
RT: 17.013 min Scan# 2
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:200 Resp: 11692

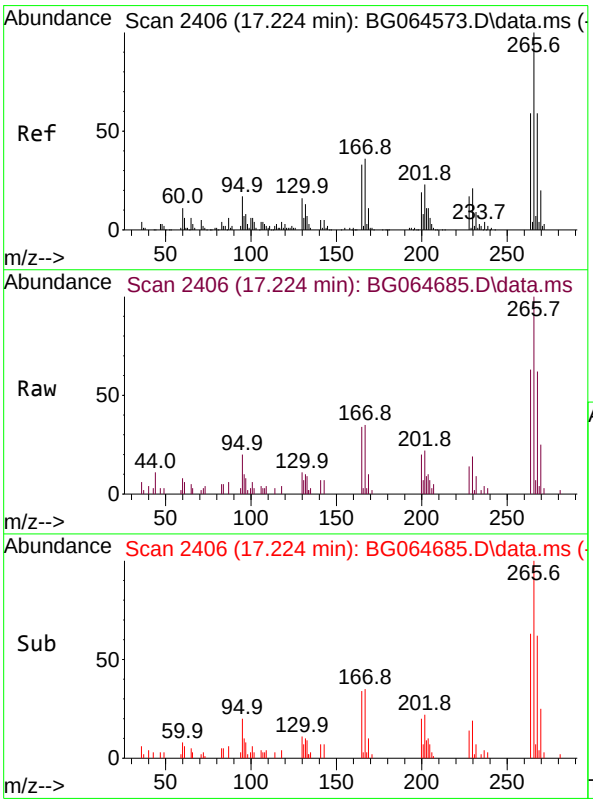
Ion	Ratio	Lower	Upper
200	100		
173	22.5	0.9	40.9
215	48.2	27.0	67.0



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

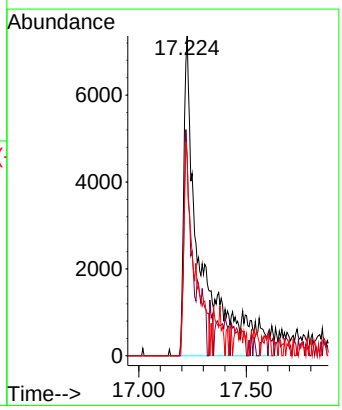
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

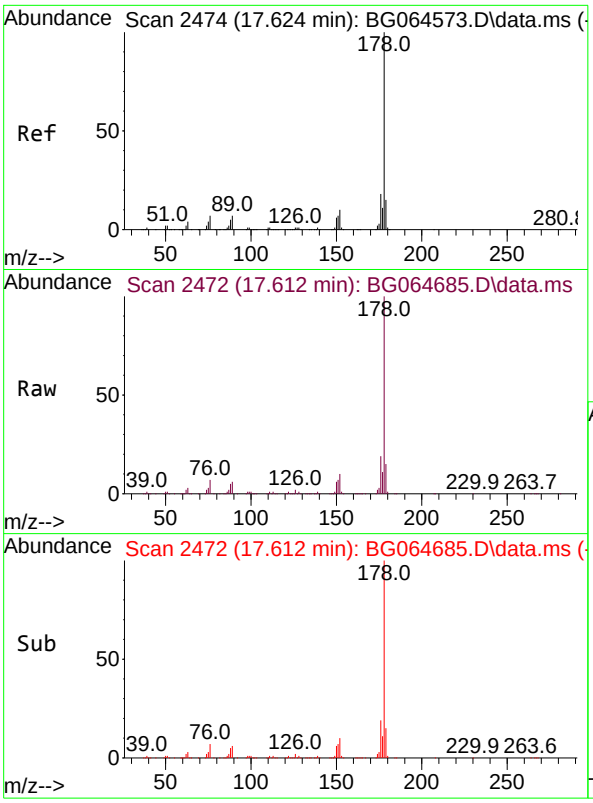


#70
Pentachlorophenol
Concen: 20.281 ng m
RT: 17.224 min Scan# 2406
Delta R.T. 0.000 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:266 Resp: 41566

Ion	Ratio	Lower	Upper
266	100		
268	61.6	50.3	75.5
264	62.8	47.3	70.9

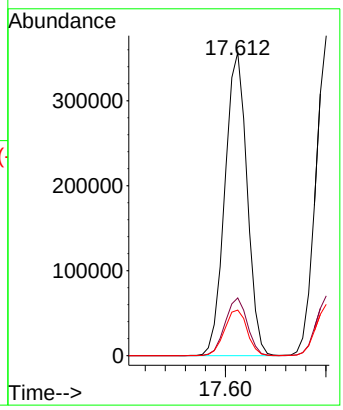




#71
Phenanthrene
Concen: 41.220 ng
RT: 17.612 min Scan# 24
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:178 Resp: 54799

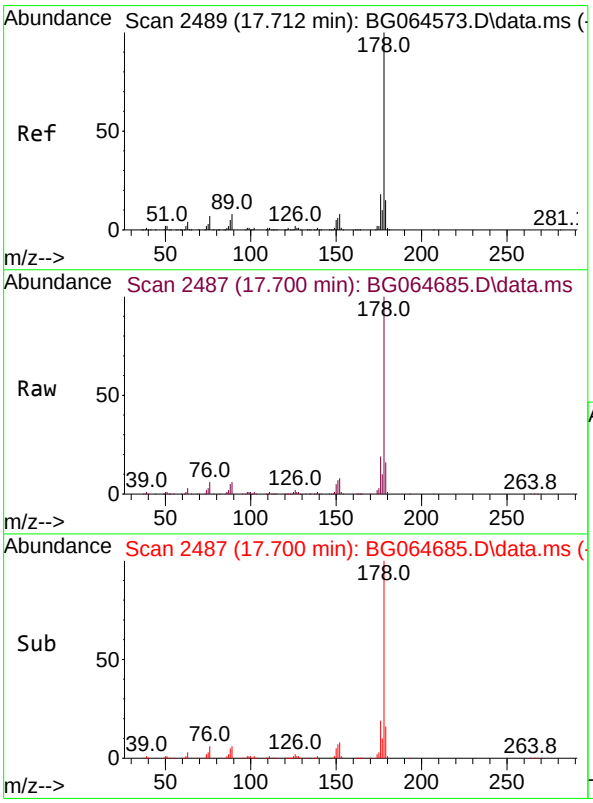
Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.7	22.1
179	15.0	12.2	18.4



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

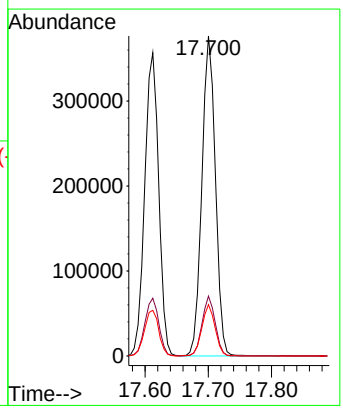
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

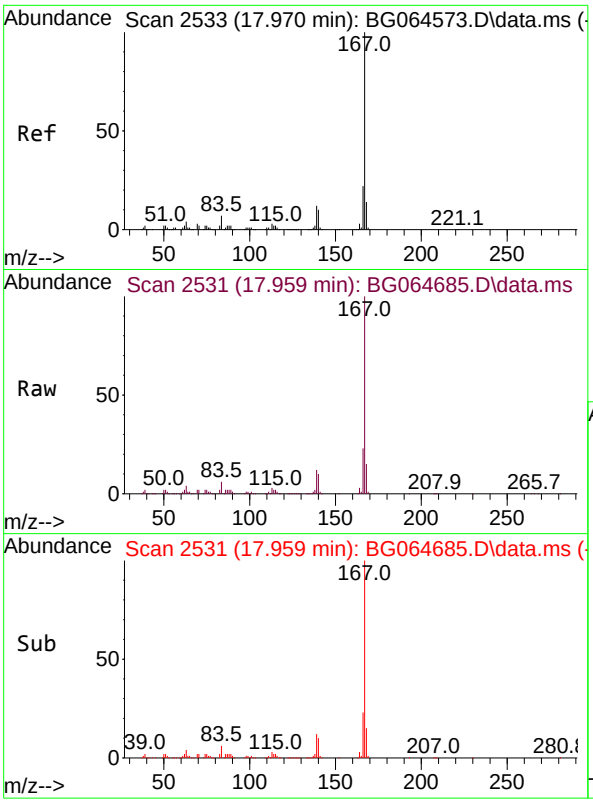


#72
Anthracene
Concen: 41.331 ng
RT: 17.700 min Scan# 2487
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:178 Resp: 558940

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.4	21.6
179	16.0	12.4	18.6

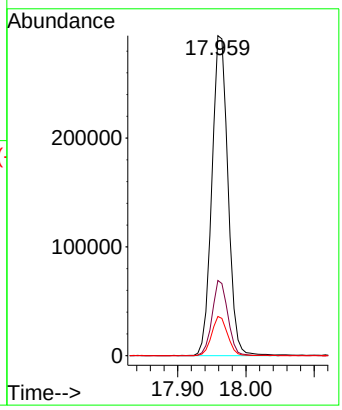




#73
Carbazole
Concen: 40.268 ng
RT: 17.959 min Scan# 2
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:167 Resp: 48020

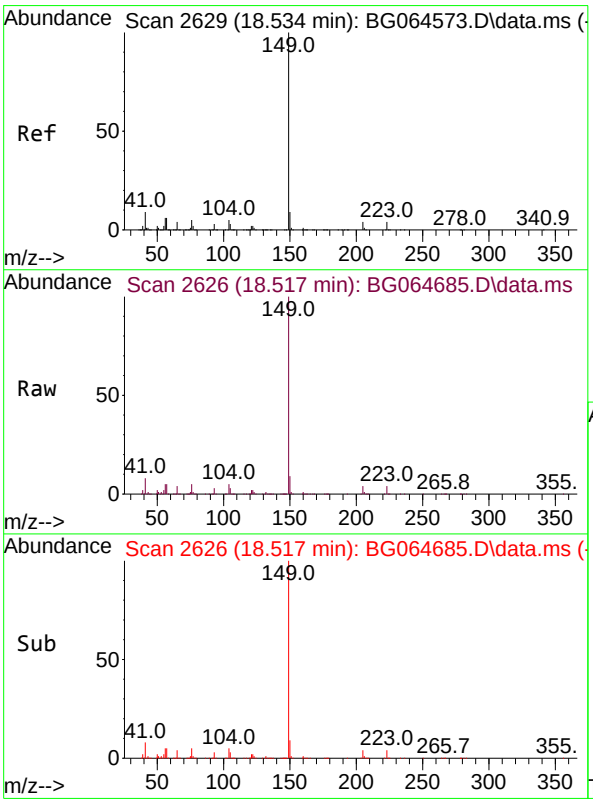
Ion	Ratio	Lower	Upper
167	100		
166	23.5	17.9	26.9
139	12.2	9.7	14.5



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

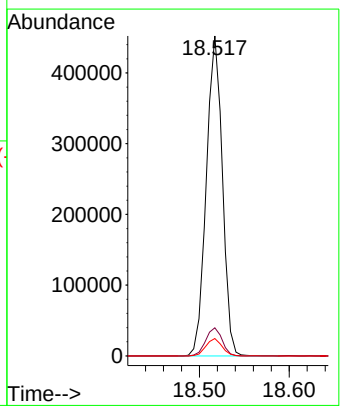
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

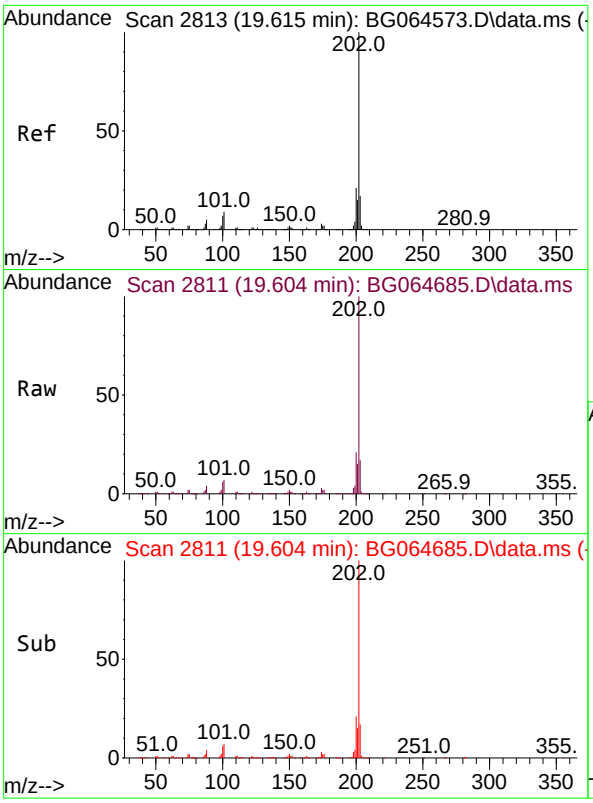


#74
Di-n-butylphthalate
Concen: 40.728 ng
RT: 18.517 min Scan# 2626
Delta R.T. -0.017 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:149 Resp: 561642

Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.0	10.6
104	5.4	4.1	6.1

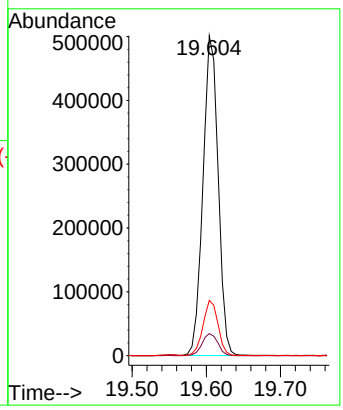




#75
Fluoranthene
Concen: 42.825 ng
RT: 19.604 min Scan# 2
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:202 Resp: 71323

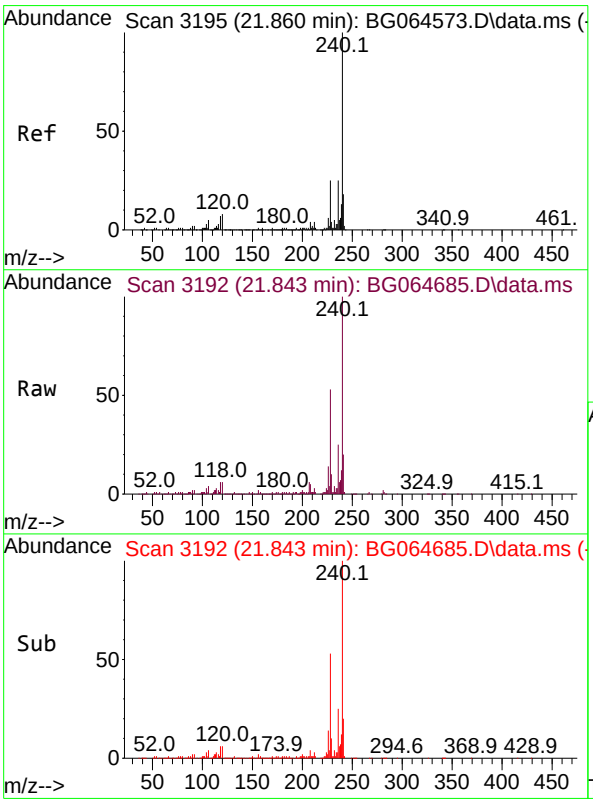
Ion	Ratio	Lower	Upper
202	100		
101	6.9	0.0	28.7
203	17.2	0.0	37.0



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

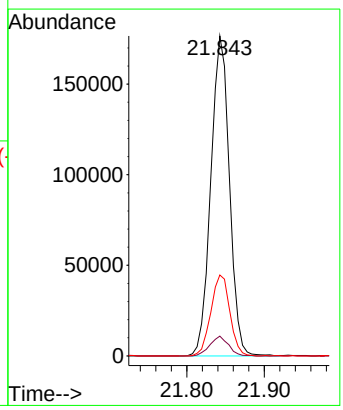
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

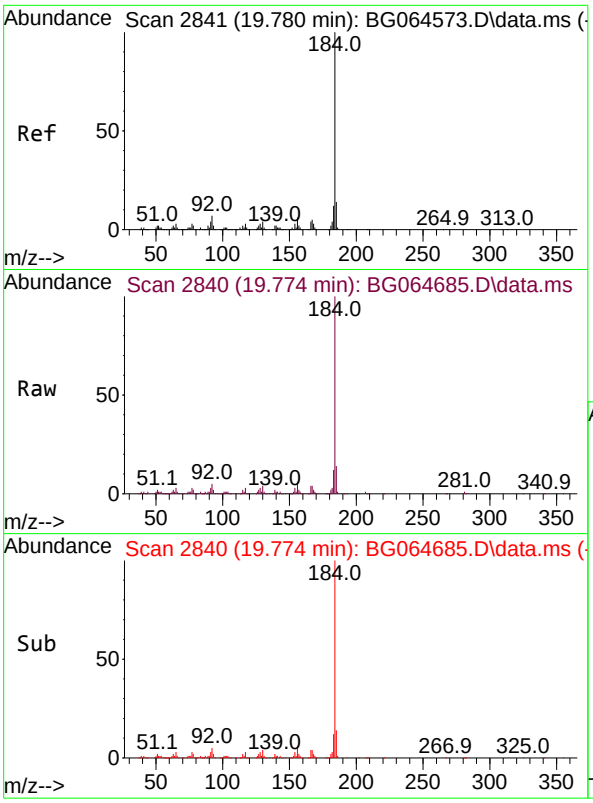


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.843 min Scan# 3192
Delta R.T. -0.017 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:240 Resp: 294757

Ion	Ratio	Lower	Upper
240	100		
120	6.2	6.5	9.7#
236	25.3	20.2	30.2

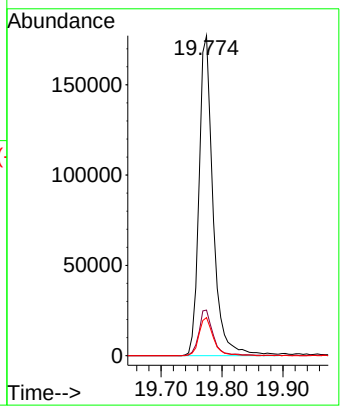




#77
Benzidine
Concen: 42.992 ng
RT: 19.774 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:184 Resp: 28391

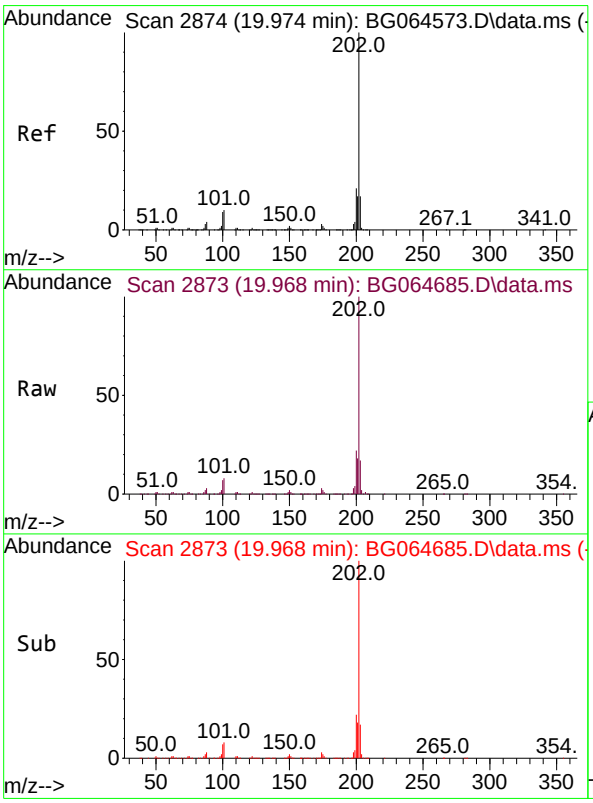
Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.4	17.2
183	11.9	9.4	14.2



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations
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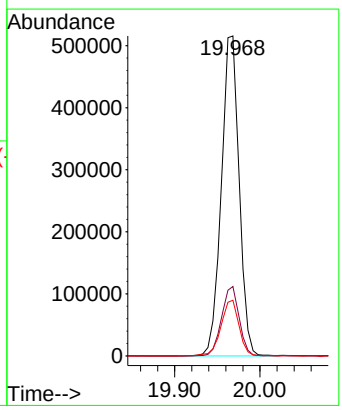
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

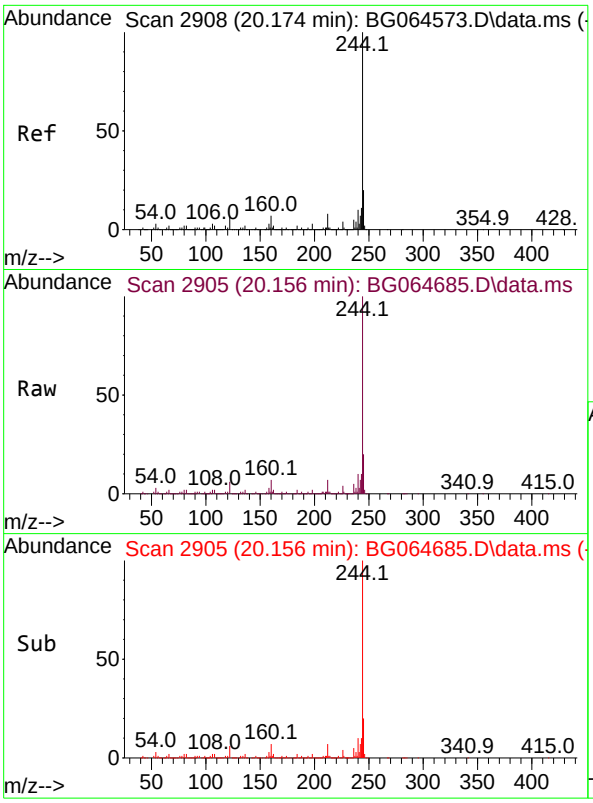


#78
Pyrene
Concen: 38.792 ng
RT: 19.968 min Scan# 2873
Delta R.T. -0.005 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:202 Resp: 747048

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.0	25.4
203	17.4	13.8	20.6





#79
Terphenyl-d14
Concen: 82.031 ng
RT: 20.156 min Scan# 29
Delta R.T. -0.017 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

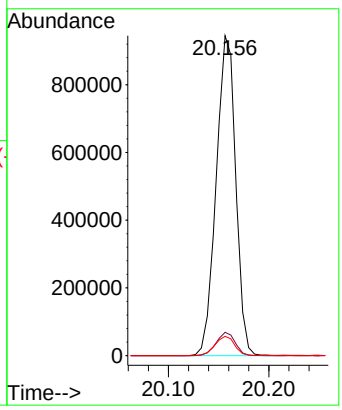
Tgt Ion:244 Resp: 128124

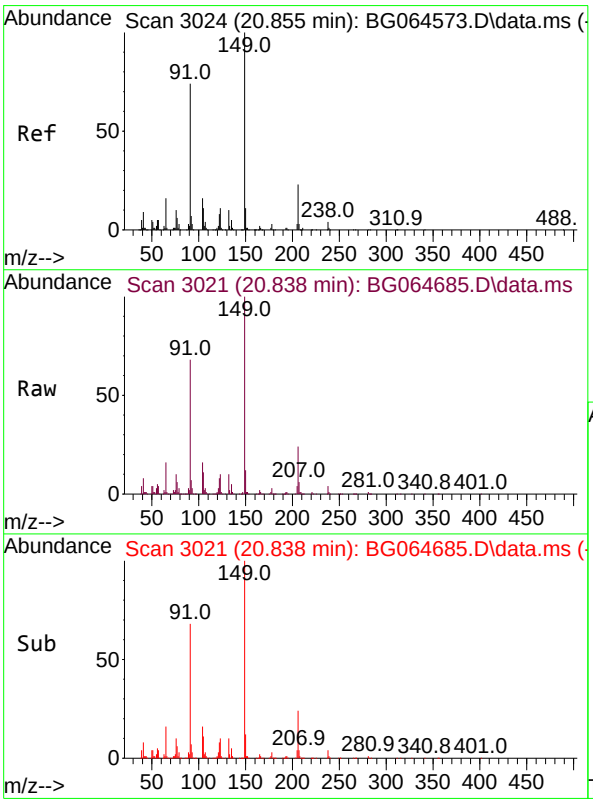
Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	6.0	5.6	8.4

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

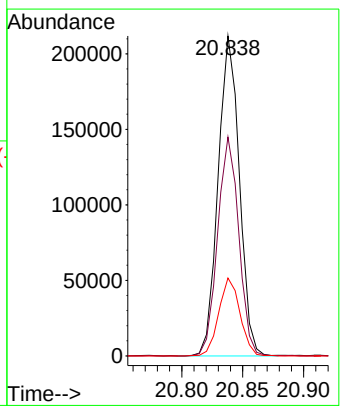


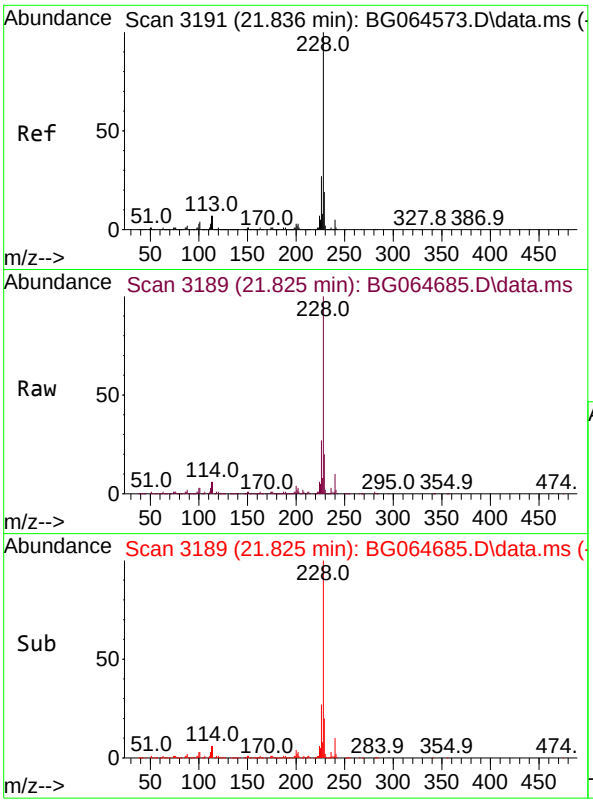


#80
Butylbenzylphthalate
Concen: 44.083 ng
RT: 20.838 min Scan# 3021
Delta R.T. -0.017 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:149 Resp: 256583

Ion	Ratio	Lower	Upper
149	100		
91	68.4	59.2	88.8
206	24.3	18.1	27.1

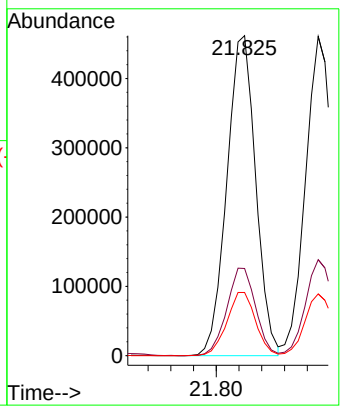




#81
Benzo(a)anthracene
Concen: 41.671 ng
RT: 21.825 min Scan# 3
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:228 Resp: 81442

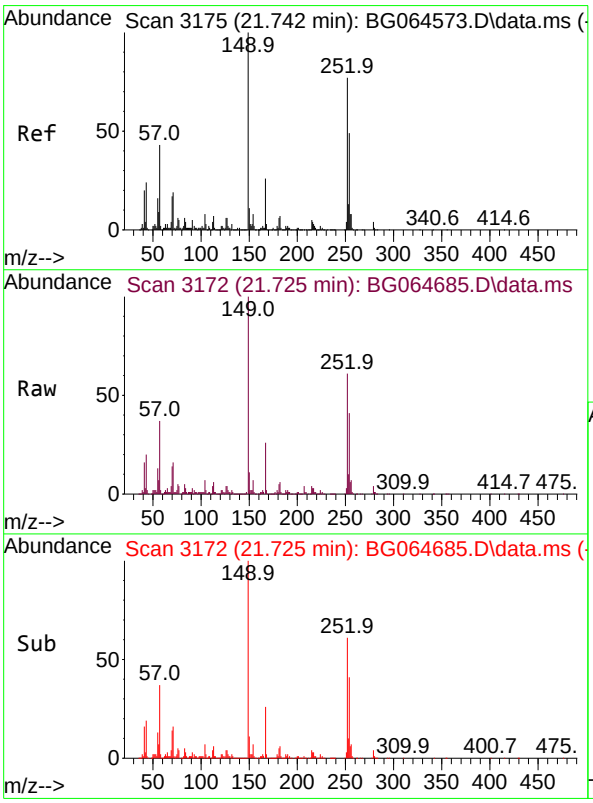
Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.9	32.9
229	19.7	15.6	23.4



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

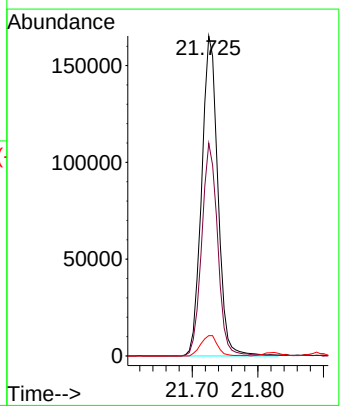
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

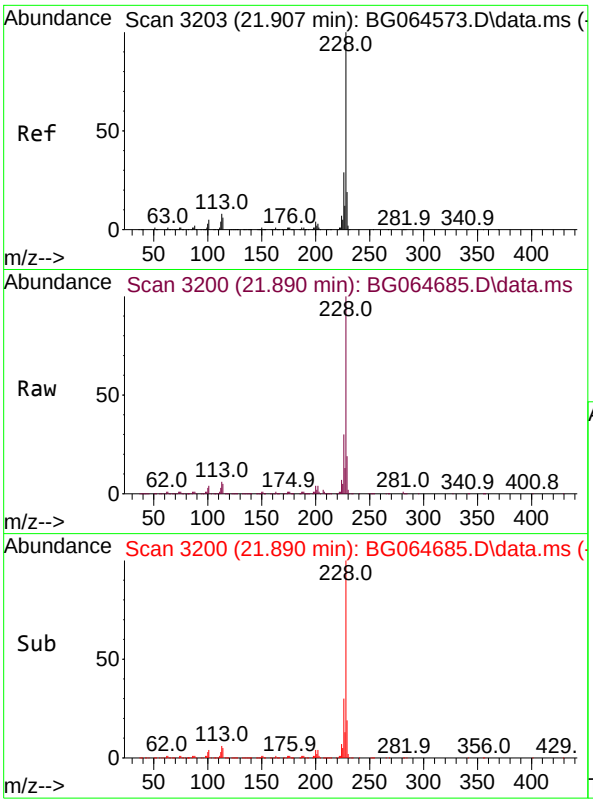


#82
3,3'-Dichlorobenzidine
Concen: 43.227 ng
RT: 21.725 min Scan# 3172
Delta R.T. -0.017 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:252 Resp: 282119

Ion	Ratio	Lower	Upper
252	100		
254	66.5	50.8	76.2
126	6.3	5.8	8.6

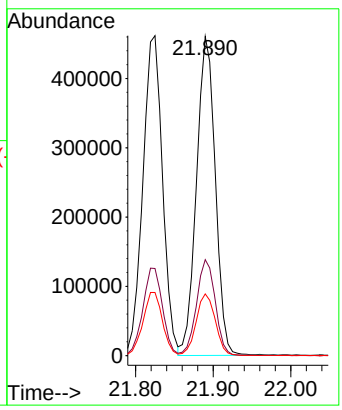




#83
Chrysene
Concen: 41.717 ng
RT: 21.890 min Scan# 3
Delta R.T. -0.017 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:228 Resp: 77579

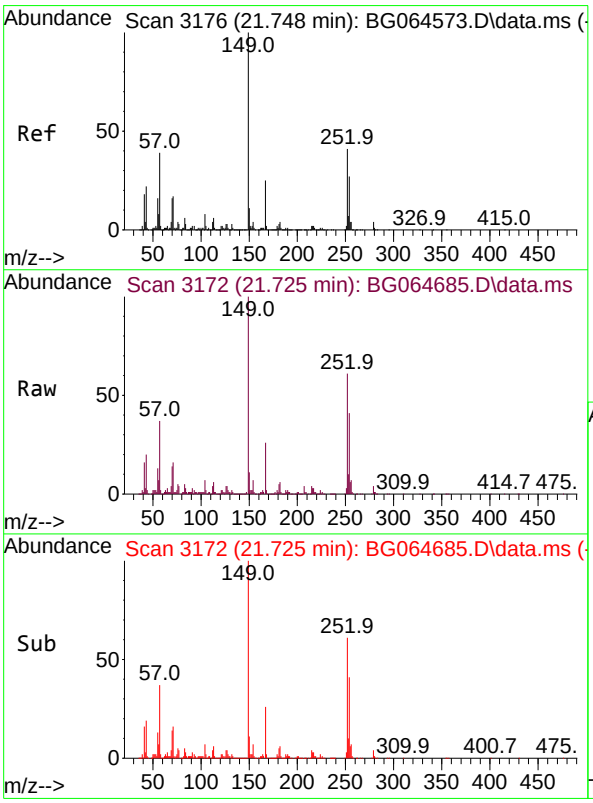
Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.3	34.9
229	19.4	15.2	22.8



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations
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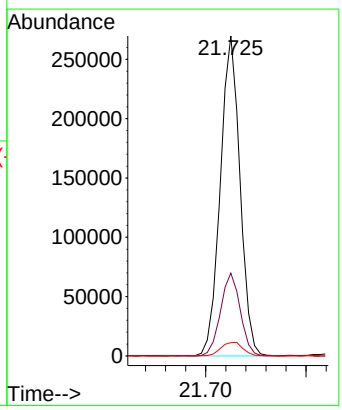
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

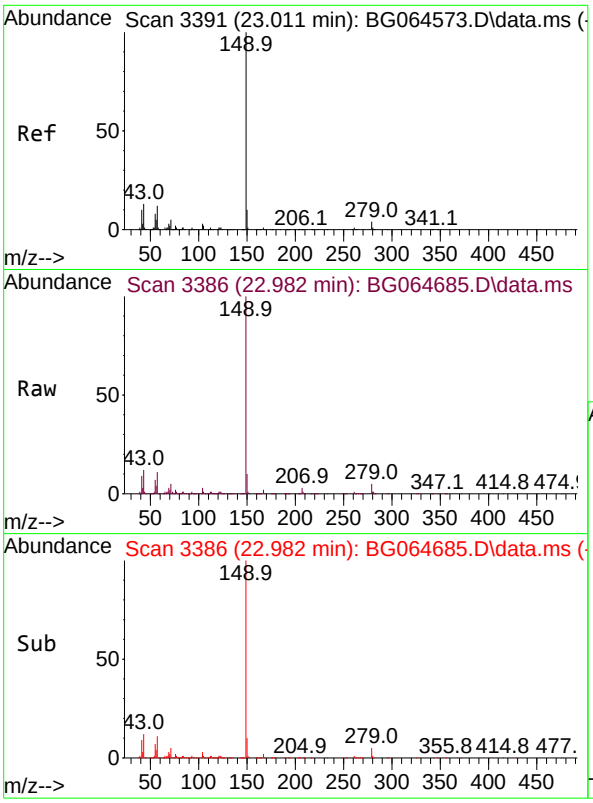


#84
Bis(2-ethylhexyl)phthalate
Concen: 42.332 ng
RT: 21.725 min Scan# 3172
Delta R.T. -0.023 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:149 Resp: 368167

Ion	Ratio	Lower	Upper
149	100		
167	25.9	20.0	30.0
279	4.1	3.1	4.7

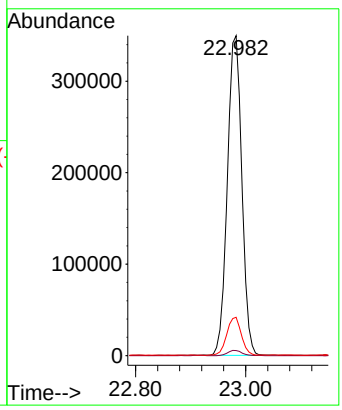




#85
Di-n-octyl phthalate
Concen: 43.518 ng
RT: 22.982 min Scan# 3
Delta R.T. -0.029 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:149 Resp: 63812

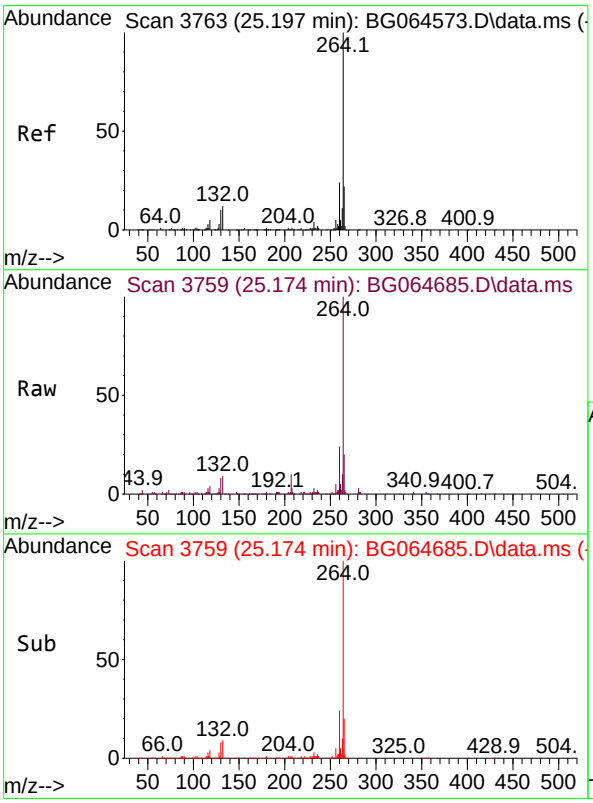
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.0	10.8	16.2



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

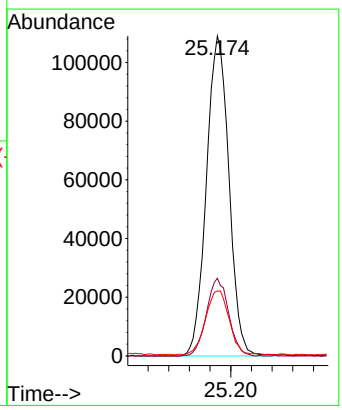
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

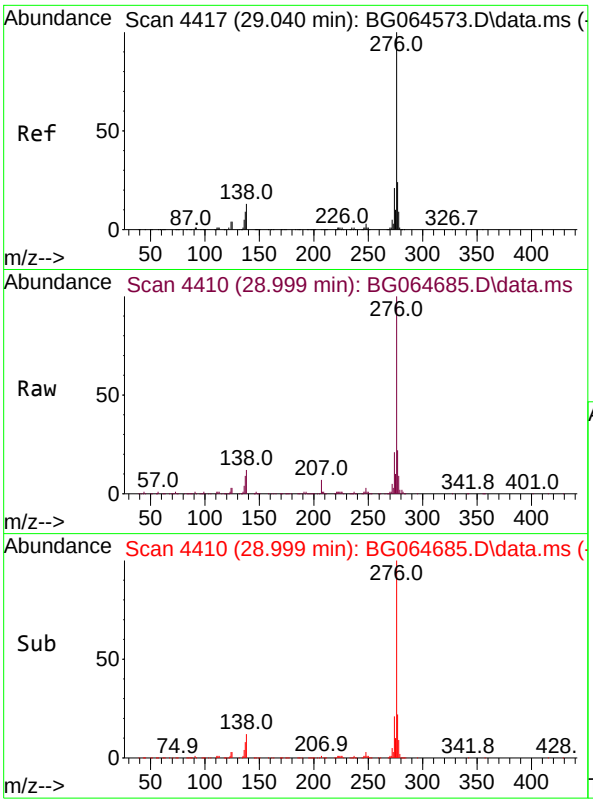


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.174 min Scan# 3759
Delta R.T. -0.023 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:264 Resp: 329770

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.0	28.4
265	20.3	17.6	26.4

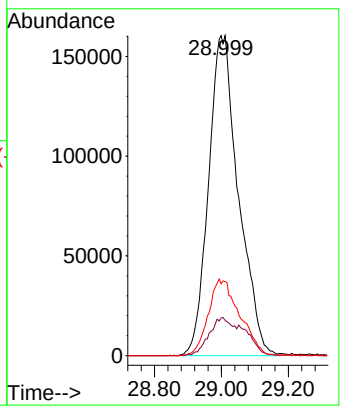




#87
Indeno(1,2,3-cd)pyrene
Concen: 41.153 ng
RT: 28.999 min Scan# 44
Delta R.T. -0.041 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:276 Resp: 99832

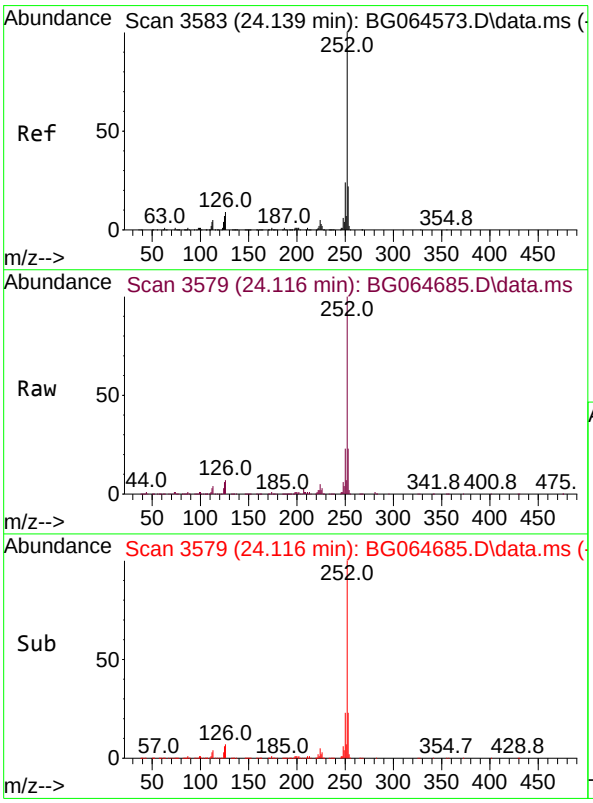
Ion	Ratio	Lower	Upper
276	100		
138	9.7	10.8	16.2#
277	10.7	20.1	30.1#



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

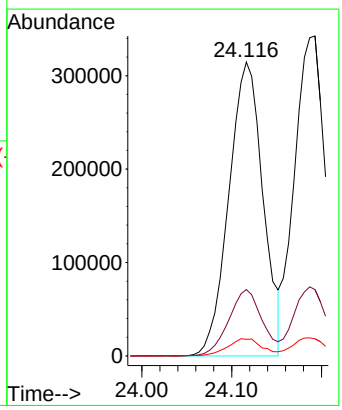
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

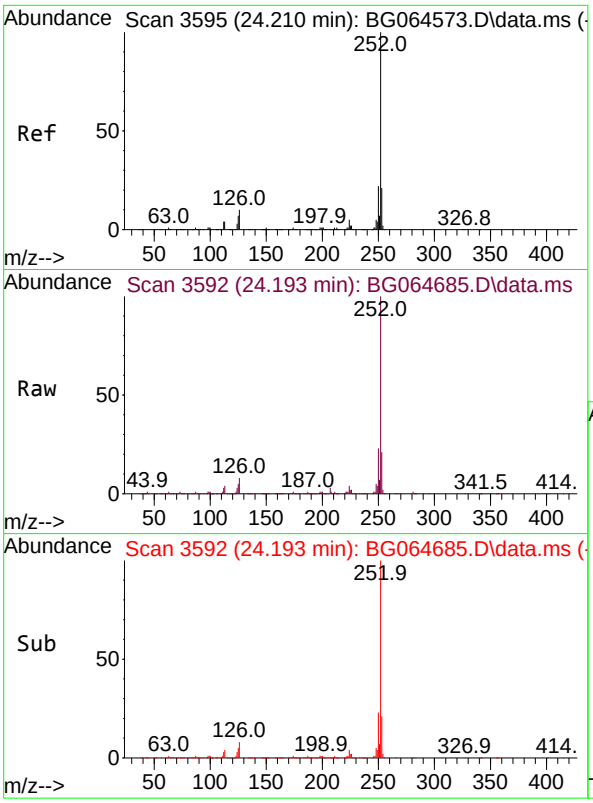


#88
Benzo(b)fluoranthene
Concen: 41.185 ng
RT: 24.116 min Scan# 3579
Delta R.T. -0.023 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:252 Resp: 832816

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	5.7	5.6	8.4

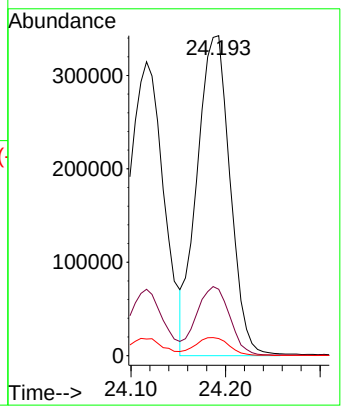




#89
Benzo(k)fluoranthene
Concen: 41.131 ng m
RT: 24.193 min Scan# 3
Delta R.T. -0.017 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

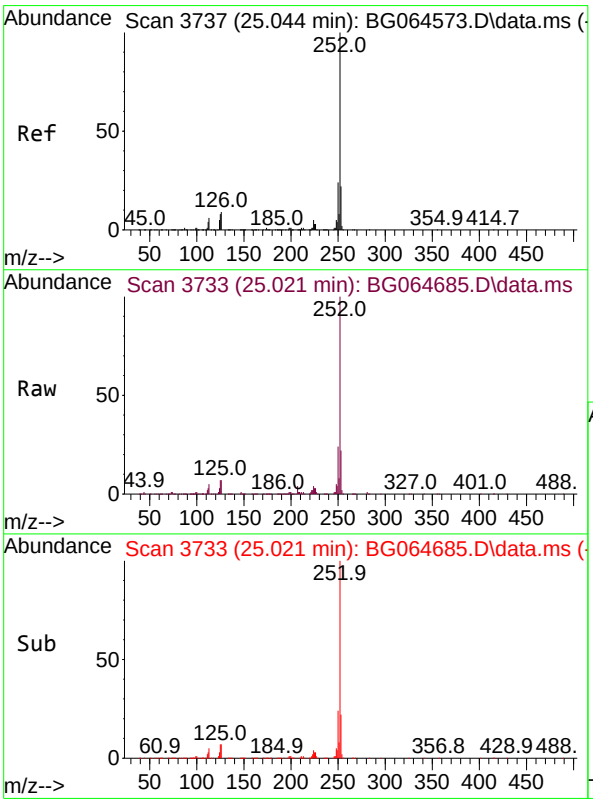
Tgt Ion:252 Resp: 83230

Ion	Ratio	Lower	Upper
252	100		
253	20.7	16.8	25.2
125	5.3	5.4	8.0



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

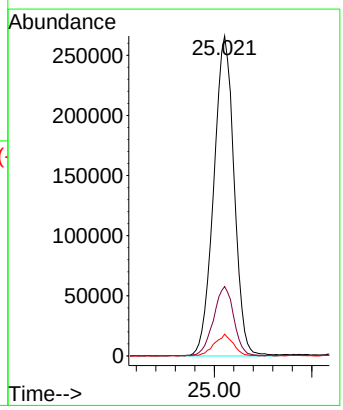
Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

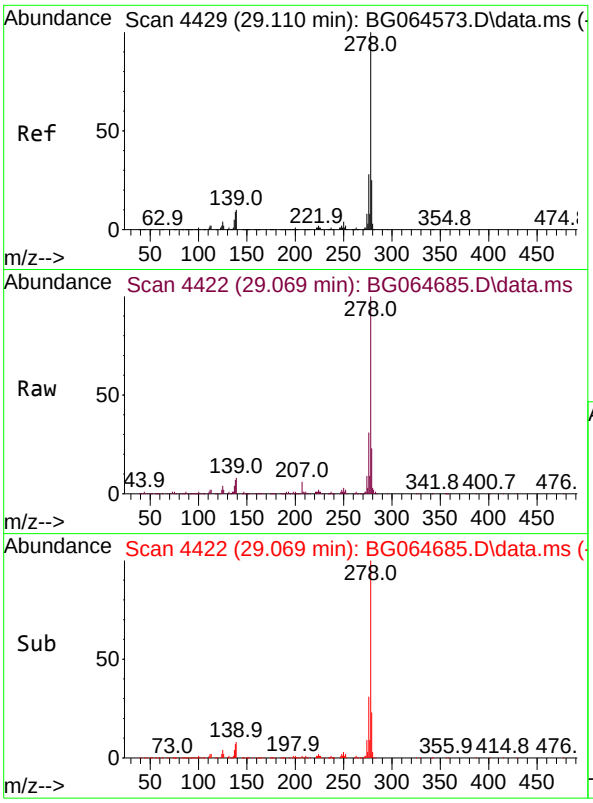


#90
Benzo(a)pyrene
Concen: 41.456 ng
RT: 25.021 min Scan# 3733
Delta R.T. -0.023 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:252 Resp: 770578

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	6.8	6.1	9.1

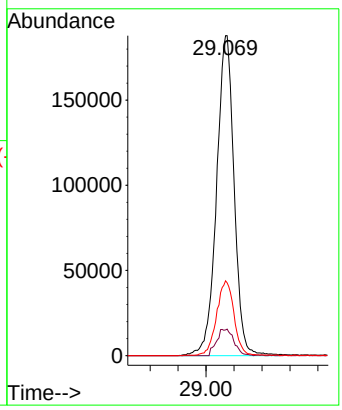




#91
Dibenzo(a,h)anthracene
Concen: 41.530 ng
RT: 29.069 min Scan# 44
Delta R.T. -0.041 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:278 Resp: 81849

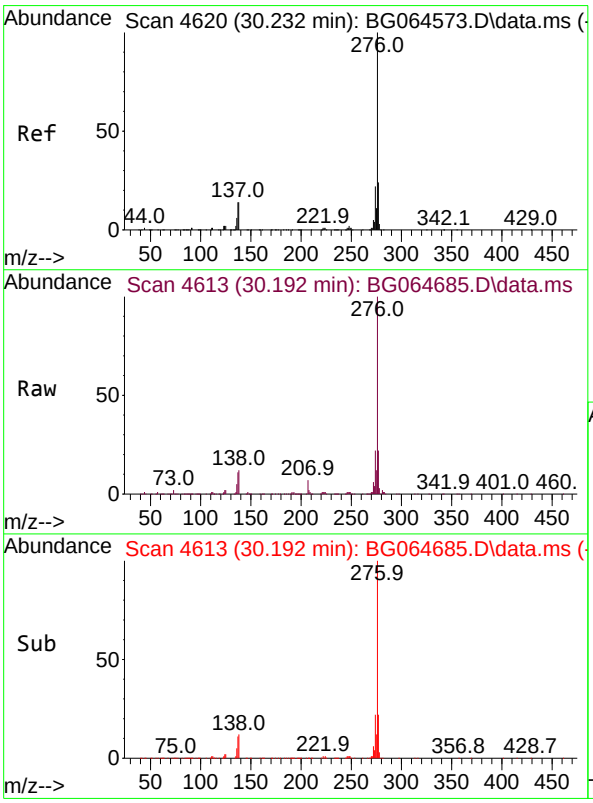
Ion	Ratio	Lower	Upper
278	100		
139	8.0	8.0	12.0
279	23.4	19.8	29.6



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

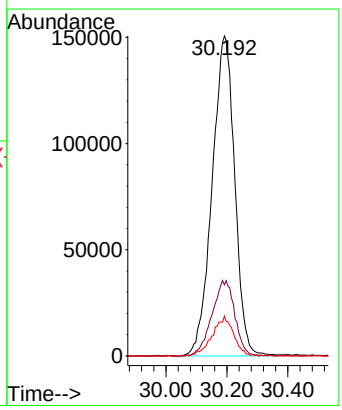
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#92
Benzo(g,h,i)perylene
Concen: 41.169 ng
RT: 30.192 min Scan# 4613
Delta R.T. -0.041 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:276 Resp: 775096

Ion	Ratio	Lower	Upper
276	100		
277	22.2	19.1	28.7
138	12.5	11.3	16.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064685.D
Acq On : 3 Nov 2025 23:27
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Nov 04 03:13:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	77	-0.02
2		1,4-Dioxane	40.000	32.259	19.4	62	-0.01
3		Pyridine	40.000	32.774	18.1	60	-0.01
4		n-Nitrosodimethylamine	40.000	33.243	16.9	60	-0.01
5	S	2-Fluorophenol	80.000	81.863	-2.3	72	-0.01
6		Aniline	40.000	38.249	4.4	68	-0.01
7	S	Phenol-d6	80.000	82.807	-3.5	73	0.00
8		2-Chlorophenol	40.000	43.968	-9.9	77	0.00
9		Benzaldehyde	40.000	40.034	-0.1	73	-0.01
10	C	Phenol	40.000	40.946	-2.4	73	0.00
11		bis(2-Chloroethyl)ether	40.000	39.036	2.4	72	-0.01
12		1,3-Dichlorobenzene	40.000	41.481	-3.7	75	-0.01
13	C	1,4-Dichlorobenzene	40.000	41.507	-3.8	76	-0.01
14		1,2-Dichlorobenzene	40.000	41.328	-3.3	75	-0.02
15		Benzyl Alcohol	40.000	39.924	0.2	73	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	36.712	8.2	66	-0.01
17		2-Methylphenol	40.000	41.092	-2.7	74	-0.01
18		Hexachloroethane	40.000	43.285	-8.2	79	-0.01
19	P	n-Nitroso-di-n-propylamine	40.000	38.557	3.6	68	-0.01
20		3+4-Methylphenols	40.000	41.007	-2.5	73	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	74	-0.02
22		Acetophenone	40.000	40.030	-0.1	69	-0.01
23	S	Nitrobenzene-d5	80.000	99.142	-23.9	81	-0.01
24		Nitrobenzene	40.000	46.933	-17.3	77	-0.01
25		Isophorone	40.000	39.235	1.9	67	-0.01
26	C	2-Nitrophenol	40.000	54.801	-37.0#	105	-0.01
27		2,4-Dimethylphenol	40.000	42.067	-5.2	69	0.00
28		bis(2-Chloroethoxy)methane	40.000	39.374	1.6	68	-0.02
29	C	2,4-Dichlorophenol	40.000	47.564	-18.9	78	0.00
30		1,2,4-Trichlorobenzene	40.000	45.985	-15.0	79	-0.02
31		Naphthalene	40.000	41.922	-4.8	73	-0.01
32		Benzoic acid	40.000	43.336	-8.3	80	-0.02
33		4-Chloroaniline	40.000	41.102	-2.8	72	-0.01
34	C	Hexachlorobutadiene	40.000	47.425	-18.6	83	-0.01
35		Caprolactam	40.000	35.795	10.5	61	0.00
36	C	4-Chloro-3-methylphenol	40.000	44.685	-11.7	75	0.00
37		2-Methylnaphthalene	40.000	43.089	-7.7	75	-0.01
38		1-Methylnaphthalene	40.000	41.083	-2.7	72	-0.01
39	I	Acenaphthene-d10	20.000	20.000	0.0	73	-0.01
40		1,2,4,5-Tetrachlorobenzene	40.000	46.413	-16.0	81	-0.01
41	P	Hexachlorocyclopentadiene	40.000	50.802	-27.0#	87	-0.02
42	S	2,4,6-Tribromophenol	80.000	106.918	-33.6#	89	-0.01
43	C	2,4,6-Trichlorophenol	40.000	48.814	-22.0#	81	0.00
44		2,4,5-Trichlorophenol	40.000	45.753	-14.4	77	0.00
45	S	2-Fluorobiphenyl	80.000	87.430	-9.3	76	-0.02
46		1,1'-Biphenyl	40.000	41.958	-4.9	73	-0.01
47		2-Chloronaphthalene	40.000	42.601	-6.5	74	-0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064685.D
Acq On : 3 Nov 2025 23:27
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Nov 04 03:13:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	45.634	-14.1	86	0.00
49		Acenaphthylene	40.000	42.673	-6.7	74	-0.01
50		Dimethylphthalate	40.000	42.293	-5.7	72	-0.01
51		2,6-Dinitrotoluene	40.000	50.015	-25.0#	94	-0.01
52	C	Acenaphthene	40.000	43.220	-8.0	75	-0.01
53		3-Nitroaniline	40.000	52.180	-30.4#	85	0.00
54	P	2,4-Dinitrophenol	40.000	39.260	1.9	75	0.00
55		Dibenzofuran	40.000	42.605	-6.5	74	-0.01
56	P	4-Nitrophenol	40.000	35.944	10.1	62	0.00
57		2,4-Dinitrotoluene	40.000	49.650	-24.1	93	0.00
58		Fluorene	40.000	42.797	-7.0	75	-0.01
59		2,3,4,6-Tetrachlorophenol	40.000	44.949	-12.4	75	-0.01
60		Diethylphthalate	40.000	41.099	-2.7	71	-0.02
61		4-Chlorophenyl-phenylether	40.000	45.937	-14.8	80	-0.02
62		4-Nitroaniline	40.000	49.189	-23.0	81	-0.01
63		Azobenzene	40.000	39.242	1.9	67	-0.01
64	I	Phenanthrene-d10	20.000	20.000	0.0	78	-0.02
65		4,6-Dinitro-2-methylphenol	40.000	51.966	-29.9#	108	0.00
66	c	n-Nitrosodiphenylamine	40.000	41.330	-3.3	74	-0.02
67		4-Bromophenyl-phenylether	40.000	45.424	-13.6	81	-0.01
68		Hexachlorobenzene	40.000	45.854	-14.6	82	-0.01
69		Atrazine	40.000	41.377	-3.4	76	-0.01
70	C	Pentachlorophenol	40.000	20.281	49.3#	37	0.00
71		Phenanthrene	40.000	41.220	-3.0	75	-0.01
72		Anthracene	40.000	41.331	-3.3	75	-0.01
73		Carbazole	40.000	40.268	-0.7	74	-0.01
74		Di-n-butylphthalate	40.000	40.728	-1.8	72	-0.02
75	C	Fluoranthene	40.000	42.825	-7.1	79	-0.01
76	I	Chrysene-d12	20.000	20.000	0.0	89	-0.02
77		Benzidine	40.000	42.992	-7.5	87	0.00
78		Pyrene	40.000	38.792	3.0	80	0.00
79	S	Terphenyl-d14	80.000	82.031	-2.5	84	-0.02
80		Butylbenzylphthalate	40.000	44.083	-10.2	86	-0.02
81		Benzo(a)anthracene	40.000	41.671	-4.2	86	-0.01
82		3,3'-Dichlorobenzidine	40.000	43.227	-8.1	89	-0.02
83		Chrysene	40.000	41.717	-4.3	87	-0.02
84		Bis(2-ethylhexyl)phthalate	40.000	42.332	-5.8	82	-0.02
85	c	Di-n-octyl phthalate	40.000	43.518	-8.8	88	-0.03
86	I	Perylene-d12	20.000	20.000	0.0	94	-0.02
87		Indeno(1,2,3-cd)pyrene	40.000	41.153	-2.9	91	-0.04
88		Benzo(b)fluoranthene	40.000	41.185	-3.0	90	-0.02
89		Benzo(k)fluoranthene	40.000	41.131	-2.8	92	-0.02
90	C	Benzo(a)pyrene	40.000	41.456	-3.6	91	-0.02
91		Dibenzo(a,h)anthracene	40.000	41.530	-3.8	92	-0.04
92		Benzo(g,h,i)perylene	40.000	41.169	-2.9	91	-0.04

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064685.D
Acq On : 3 Nov 2025 23:27
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Nov 04 03:13:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 3

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064685.D
Acq On : 3 Nov 2025 23:27
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Nov 04 03:13:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	77	-0.02
2		1,4-Dioxane	0.528	0.425	19.5	62	-0.01
3		Pyridine	1.584	1.298	18.1	60	-0.01
4		n-Nitrosodimethylamine	0.850	0.706	16.9	60	-0.01
5	S	2-Fluorophenol	1.192	1.219	-2.3	72	-0.01
6		Aniline	2.225	2.127	4.4	68	-0.01
7	S	Phenol-d6	1.635	1.692	-3.5	73	0.00
8		2-Chlorophenol	1.247	1.371	-9.9	77	0.00
9		Benzaldehyde	0.893	0.893	0.0	73	-0.01
10	C	Phenol	1.808	1.851	-2.4	73	0.00
11		bis(2-Chloroethyl)ether	1.329	1.297	2.4	72	-0.01
12		1,3-Dichlorobenzene	1.435	1.489	-3.8	75	-0.01
13	C	1,4-Dichlorobenzene	1.460	1.515	-3.8	76	-0.01
14		1,2-Dichlorobenzene	1.408	1.455	-3.3	75	-0.02
15		Benzyl Alcohol	1.348	1.346	0.1	73	0.00
16		2,2'-oxybis(1-Chloropropane	3.487	3.201	8.2	66	-0.01
17		2-Methylphenol	1.201	1.233	-2.7	74	-0.01
18		Hexachloroethane	0.512	0.554	-8.2	79	-0.01
19	P	n-Nitroso-di-n-propylamine	1.130	1.089	3.6	68	-0.01
20		3+4-Methylphenols	1.688	1.731	-2.5	73	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	74	-0.02
22		Acetophenone	0.547	0.547	0.0	69	-0.01
23	S	Nitrobenzene-d5	0.333	0.413	-24.0	81	-0.01
24		Nitrobenzene	0.362	0.425	-17.4	77	-0.01
25		Isophorone	0.799	0.784	1.9	67	-0.01
26	C	2-Nitrophenol	0.121	0.193	-59.5#	105	-0.01
27		2,4-Dimethylphenol	0.297	0.313	-5.4	69	0.00
28		bis(2-Chloroethoxy)methane	0.455	0.448	1.5	68	-0.02
29	C	2,4-Dichlorophenol	0.320	0.380	-18.8	78	0.00
30		1,2,4-Trichlorobenzene	0.363	0.418	-15.2	79	-0.02
31		Naphthalene	1.109	1.162	-4.8	73	-0.01
32		Benzoic acid	0.207	0.242	-16.9	80	-0.02
33		4-Chloroaniline	0.431	0.443	-2.8	72	-0.01
34	C	Hexachlorobutadiene	0.284	0.337	-18.7	83	-0.01
35		Caprolactam	0.123	0.110	10.6	61	0.00
36	C	4-Chloro-3-methylphenol	0.384	0.430	-12.0	75	0.00
37		2-Methylnaphthalene	0.814	0.877	-7.7	75	-0.01
38		1-Methylnaphthalene	0.806	0.828	-2.7	72	-0.01
39	I	Acenaphthene-d10	1.000	1.000	0.0	73	-0.01
40		1,2,4,5-Tetrachlorobenzene	0.671	0.779	-16.1	81	-0.01
41	P	Hexachlorocyclopentadiene	0.302	0.384	-27.2#	87	-0.02
42	S	2,4,6-Tribromophenol	0.289	0.386	-33.6#	89	-0.01
43	C	2,4,6-Trichlorophenol	0.384	0.469	-22.1#	81	0.00
44		2,4,5-Trichlorophenol	0.443	0.507	-14.4	77	0.00
45	S	2-Fluorobiphenyl	1.319	1.442	-9.3	76	-0.02
46		1,1'-Biphenyl	1.422	1.491	-4.9	73	-0.01
47		2-Chloronaphthalene	1.073	1.143	-6.5	74	-0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064685.D
Acq On : 3 Nov 2025 23:27
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Nov 04 03:13:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.311	0.410	-31.8#	86	0.00
49		Acenaphthylene	1.693	1.806	-6.7	74	-0.01
50		Dimethylphthalate	1.530	1.618	-5.8	72	-0.01
51		2,6-Dinitrotoluene	0.218	0.317	-45.4#	94	-0.01
52	C	Acenaphthene	1.157	1.250	-8.0	75	-0.01
53		3-Nitroaniline	0.263	0.343	-30.4#	85	0.00
54	P	2,4-Dinitrophenol	0.132	0.140	-6.1	75	0.00
55		Dibenzofuran	1.870	1.992	-6.5	74	-0.01
56	P	4-Nitrophenol	0.244	0.219	10.2	62	0.00
57		2,4-Dinitrotoluene	0.340	0.486	-42.9#	93	0.00
58		Fluorene	1.460	1.562	-7.0	75	-0.01
59		2,3,4,6-Tetrachlorophenol	0.424	0.476	-12.3	75	-0.01
60		Diethylphthalate	1.563	1.606	-2.8	71	-0.02
61		4-Chlorophenyl-phenylether	0.820	0.941	-14.8	80	-0.02
62		4-Nitroaniline	0.293	0.360	-22.9	81	-0.01
63		Azobenzene	1.434	1.407	1.9	67	-0.01
64	I	Phenanthrene-d10	1.000	1.000	0.0	78	-0.02
65		4,6-Dinitro-2-methylphenol	0.079	0.115	-45.6#	108	0.00
66	c	n-Nitrosodiphenylamine	0.540	0.558	-3.3	74	-0.02
67		4-Bromophenyl-phenylether	0.237	0.269	-13.5	81	-0.01
68		Hexachlorobenzene	0.270	0.310	-14.8	82	-0.01
69		Atrazine	0.232	0.240	-3.4	76	-0.01
70	C	Pentachlorophenol	0.169	0.085	49.7#	37#	0.00
71		Phenanthrene	1.094	1.127	-3.0	75	-0.01
72		Anthracene	1.113	1.150	-3.3	75	-0.01
73		Carbazole	0.981	0.988	-0.7	74	-0.01
74		Di-n-butylphthalate	1.134	1.155	-1.9	72	-0.02
75	C	Fluoranthene	1.370	1.467	-7.1	79	-0.01
76	I	Chrysene-d12	1.000	1.000	0.0	89	-0.02
77		Benzidine	0.448	0.482	-7.6	87	0.00
78		Pyrene	1.307	1.267	3.1	80	0.00
79	S	Terphenyl-d14	1.060	1.087	-2.5	84	-0.02
80		Butylbenzylphthalate	0.395	0.435	-10.1	86	-0.02
81		Benzo(a)anthracene	1.326	1.382	-4.2	86	-0.01
82		3,3'-Dichlorobenzidine	0.443	0.479	-8.1	89	-0.02
83		Chrysene	1.262	1.316	-4.3	87	-0.02
84		Bis(2-ethylhexyl)phthalate	0.590	0.625	-5.9	82	-0.02
85	c	Di-n-octyl phthalate	0.995	1.082	-8.7	88	-0.03
86	I	Perylene-d12	1.000	1.000	0.0	94	-0.02
87		Indeno(1,2,3-cd)pyrene	1.471	1.514	-2.9	91	-0.04
88		Benzo(b)fluoranthene	1.226	1.263	-3.0	90	-0.02
89		Benzo(k)fluoranthene	1.227	1.262	-2.9	92	-0.02
90	C	Benzo(a)pyrene	1.127	1.168	-3.6	91	-0.02
91		Dibenzo(a,h)anthracene	1.195	1.241	-3.8	92	-0.04
92		Benzo(g,h,i)perylene	1.142	1.175	-2.9	91	-0.04

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064685.D
Acq On : 3 Nov 2025 23:27
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Nov 04 03:13:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 3

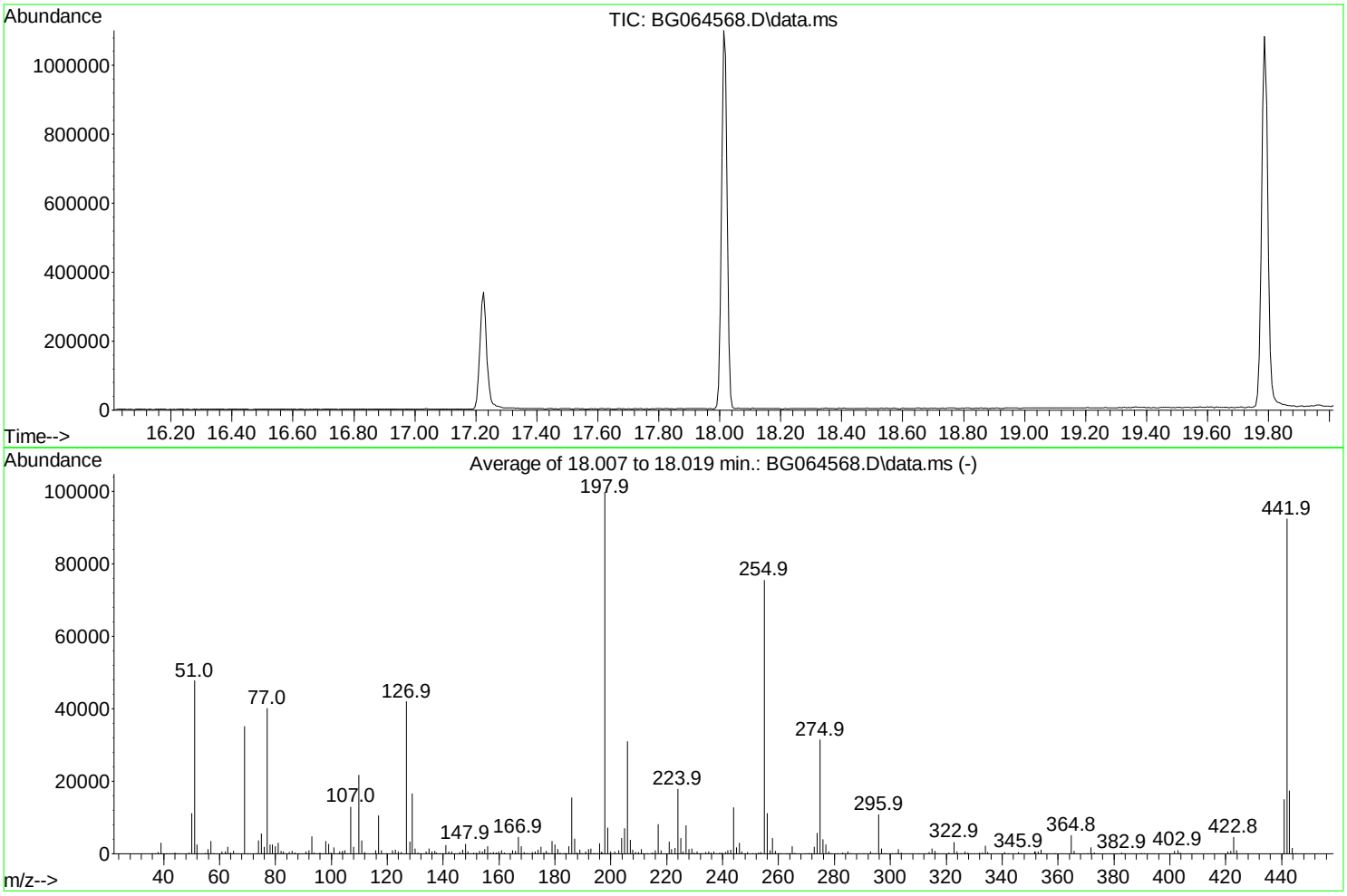
QC SAMPLE DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064568.D
Acq On : 24 Oct 2025 8:20
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Oct 24 16:40:26 2025



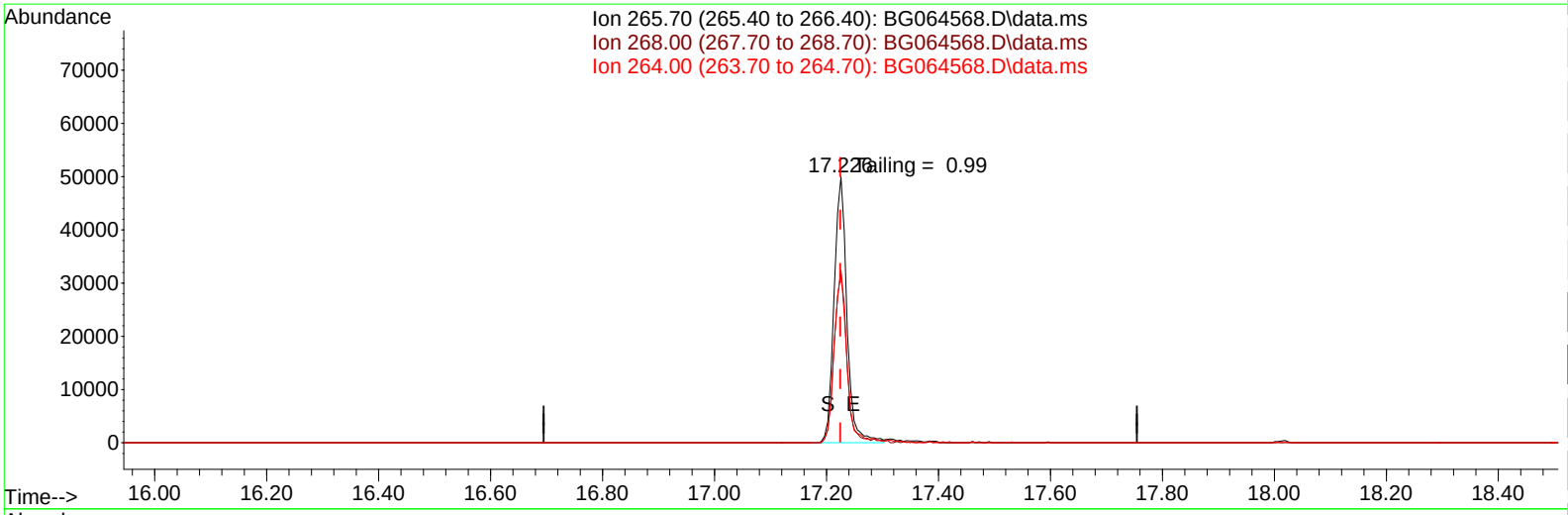
AutoFind: Scans 2539, 2540, 2541; Background Corrected with Scan 2533

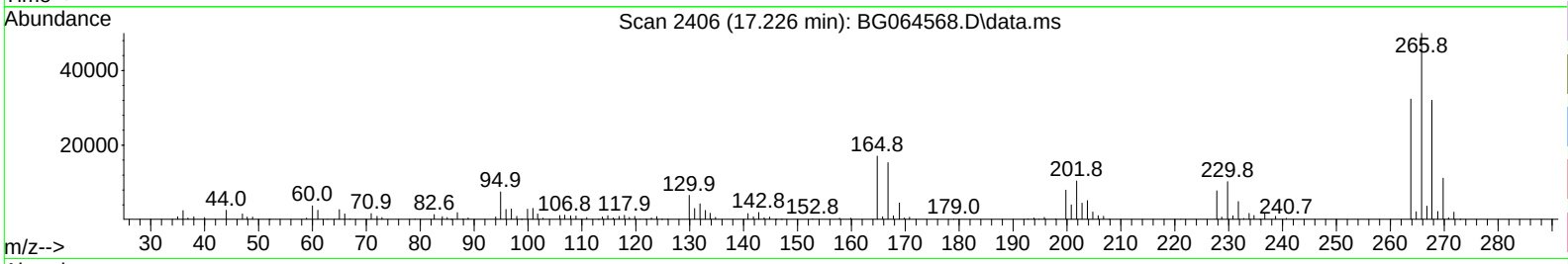
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	0.0	0	PASS
69	69	100	100	100.0	35203	PASS
70	69	0.00	2	0.2	70	PASS
197	198	0.00	2	0.4	428	PASS
198	198	100	100	100.0	99864	PASS
199	198	5	9	7.2	7222	PASS
365	198	1	100	5.1	5094	PASS
441	443	0.01	150	86.3	15073	PASS
442	442	100	100	100.0	92525	PASS
443	442	15	24	18.9	17468	PASS

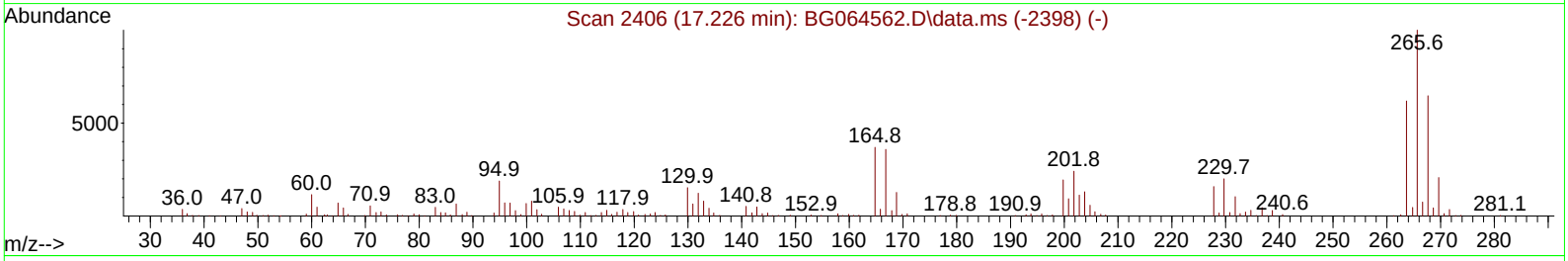
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064568.D
Acq On : 24 Oct 2025 8:20
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Oct 24 12:18:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 12:16:12 2025
Response via : Initial Calibration







TIC: BG064568.D\data.ms

(70) Pentachlorophenol (C)

17.226min (+ 0.001) 15878.32 ng

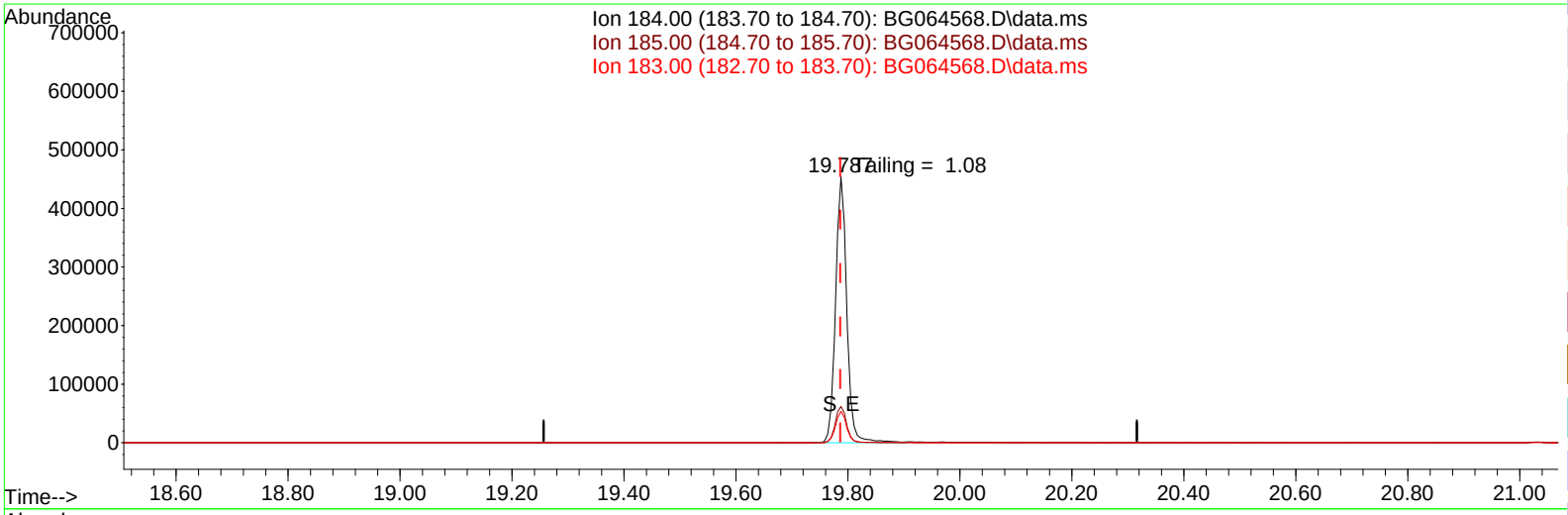
response 79720

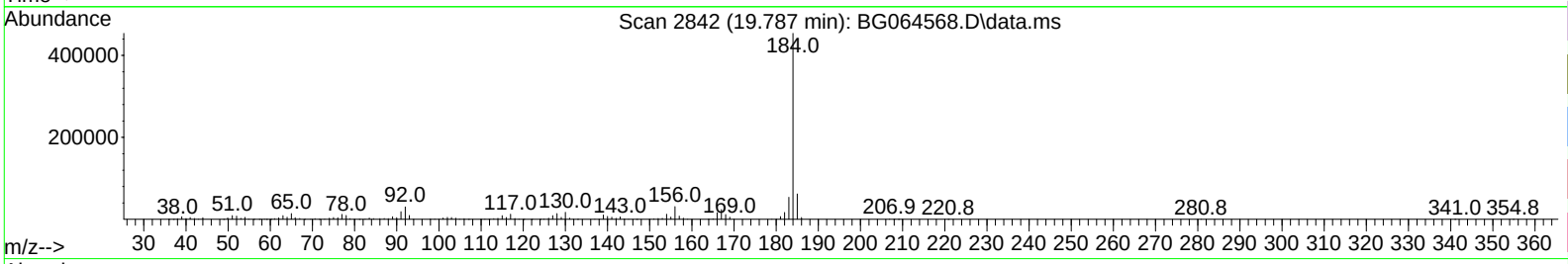
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	69.10	64.11
264.00	61.90	64.80
0.00	0.00	0.00

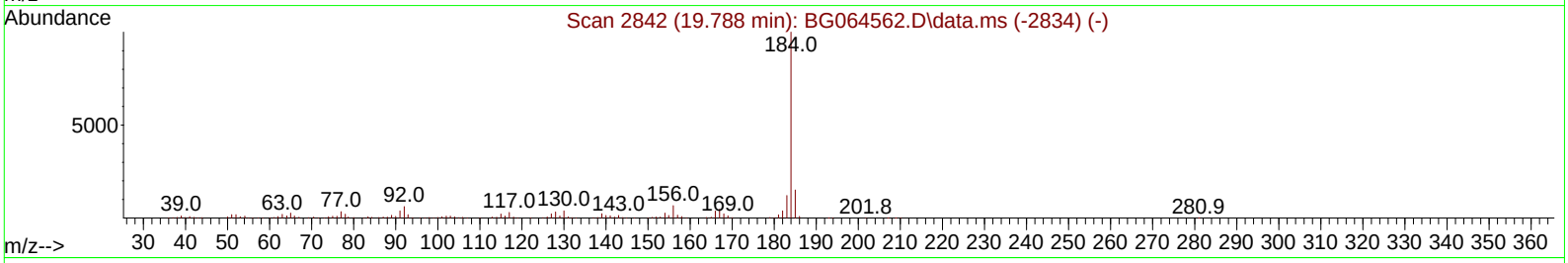
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064568.D
Acq On : 24 Oct 2025 8:20
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Oct 24 12:18:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 12:16:12 2025
Response via : Initial Calibration







TIC: BG064568.D\data.ms

(77) Benzidine

19.787min (+ 0.001) 0.00 ng

response 632825

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.00	13.68
183.00	12.10	11.84
0.00	0.00	0.00

Instrument :
BNA_G
ClientSampleId :
DFTPP

DDT Breakdown

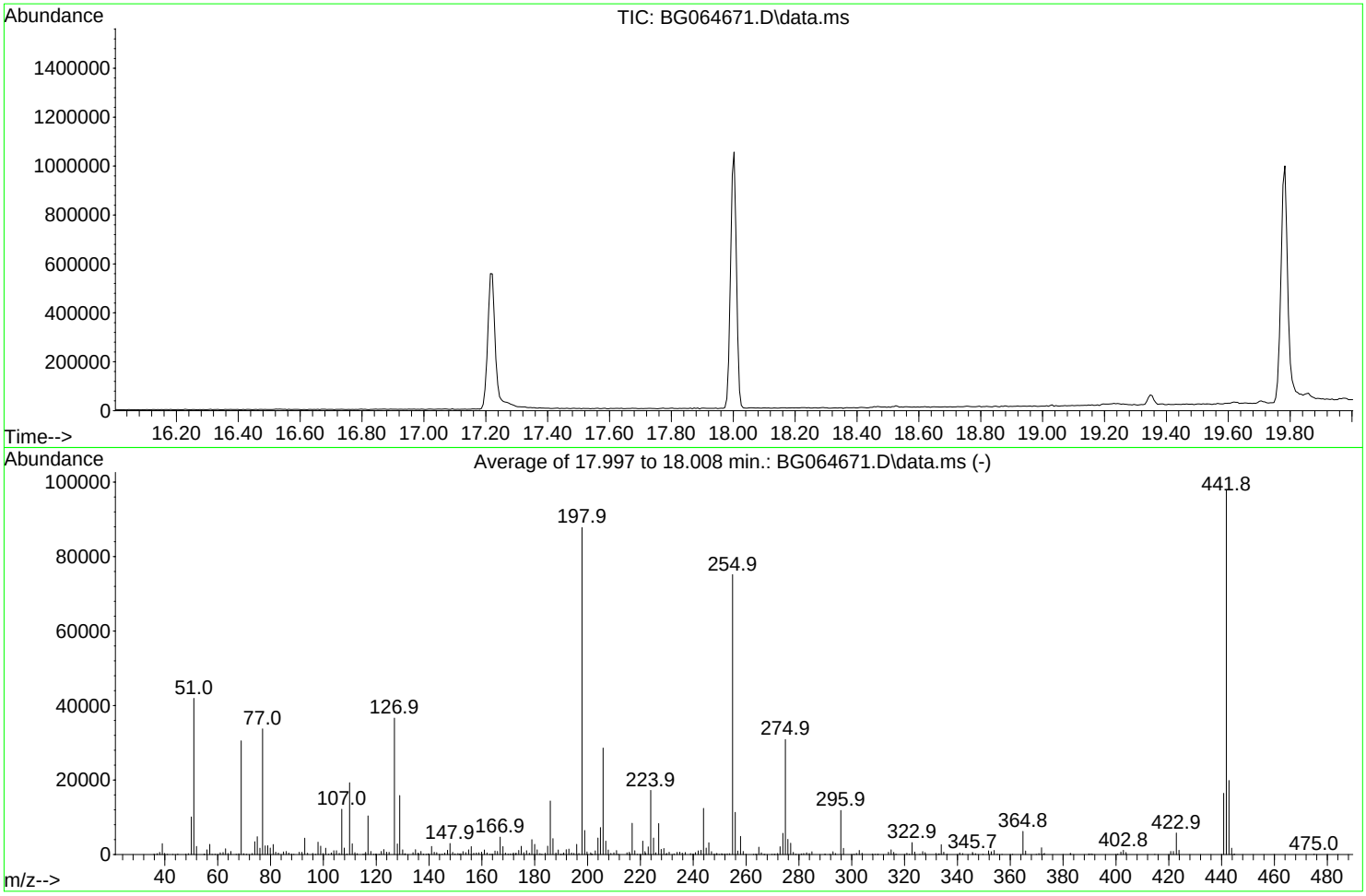
Date	Instrument Name	DFTPP Data File
10/24/2025	BNA_G	BG064568.D
Compound Name	**Response**	**Retention Time**
DDT	249894	21.033
DDD	4771	20.586
DDE	827	20.087
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
5598	255492	2.19

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064671.D
Acq On : 3 Nov 2025 13:54
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Nov 03 18:16:26 2025



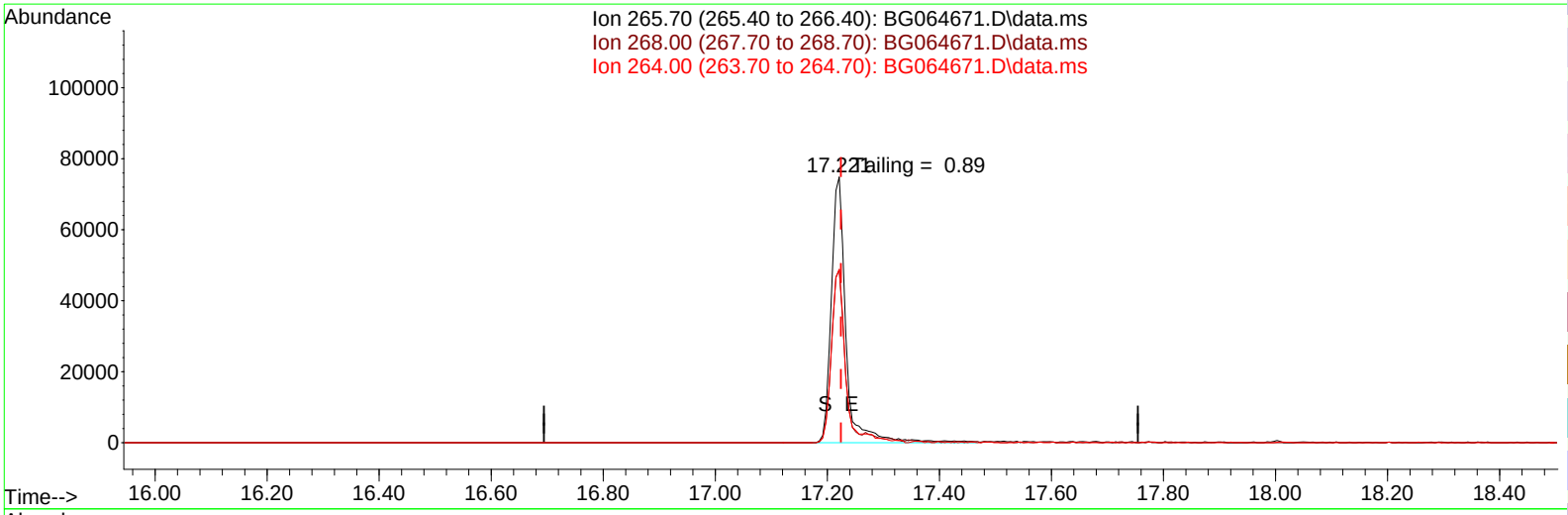
AutoFind: Scans 2537, 2538, 2539; Background Corrected with Scan 2530

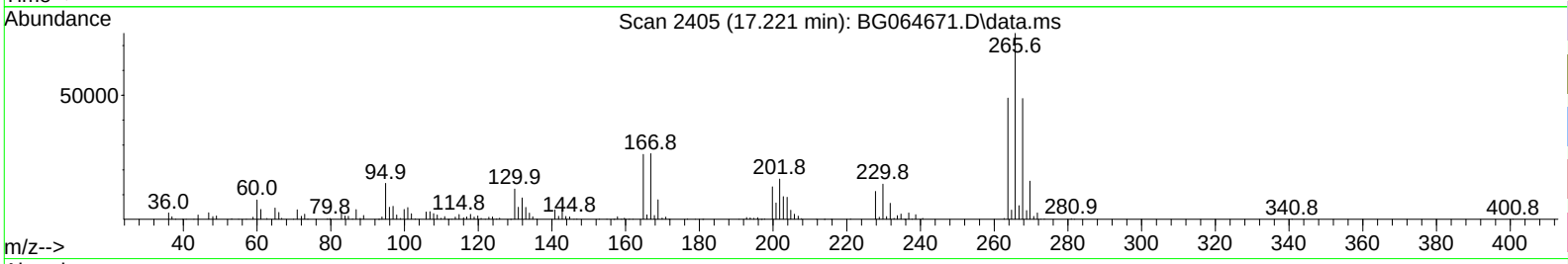
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	0.7	205	PASS
69	69	100	100	100.0	30531	PASS
70	69	0.00	2	0.7	206	PASS
197	198	0.00	2	0.3	270	PASS
198	198	100	100	100.0	87816	PASS
199	198	5	9	7.4	6455	PASS
365	198	1	100	7.1	6206	PASS
441	443	0.01	150	82.8	16441	PASS
442	442	100	100	100.0	97760	PASS
443	442	15	24	20.3	19856	PASS

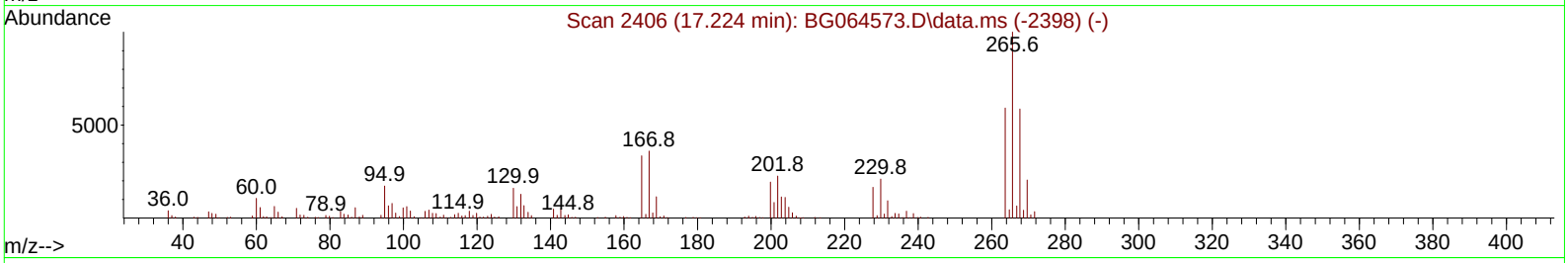
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064671.D
Acq On : 3 Nov 2025 13:54
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Nov 04 01:35:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration







TIC: BG064671.D\data.ms

(70) Pentachlorophenol (C)

17.221min (-0.003) 285068.28 ng

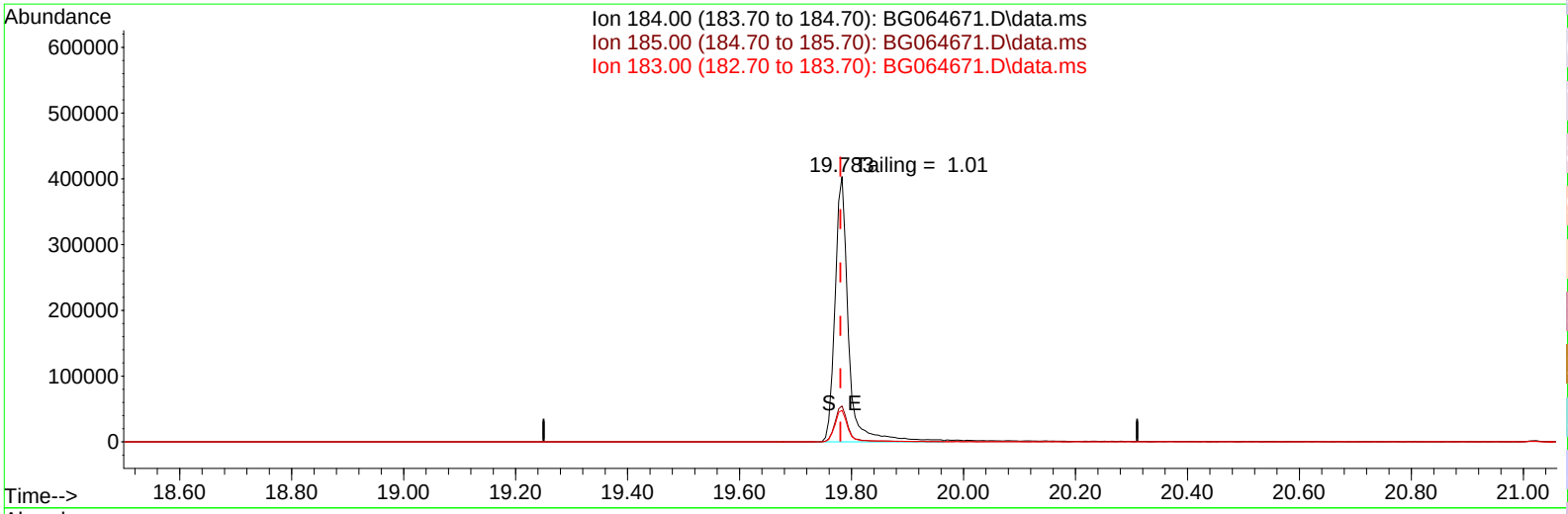
response 132179

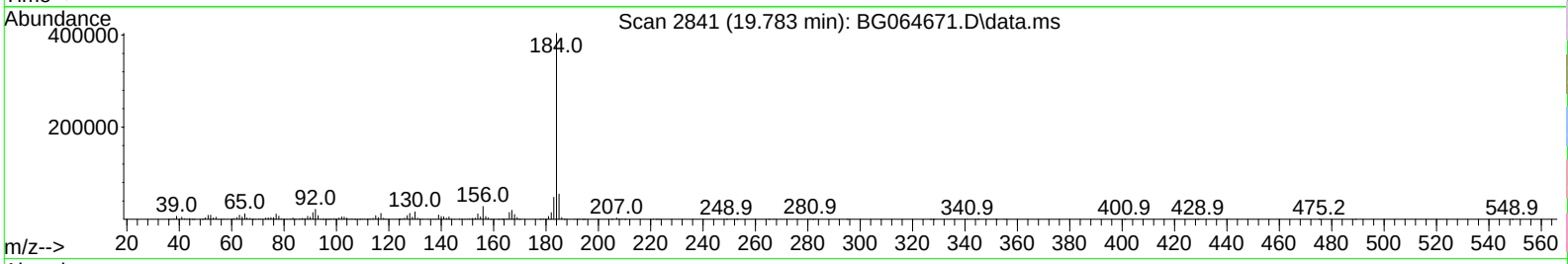
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.90	65.04
264.00	59.10	70.42
0.00	0.00	0.00

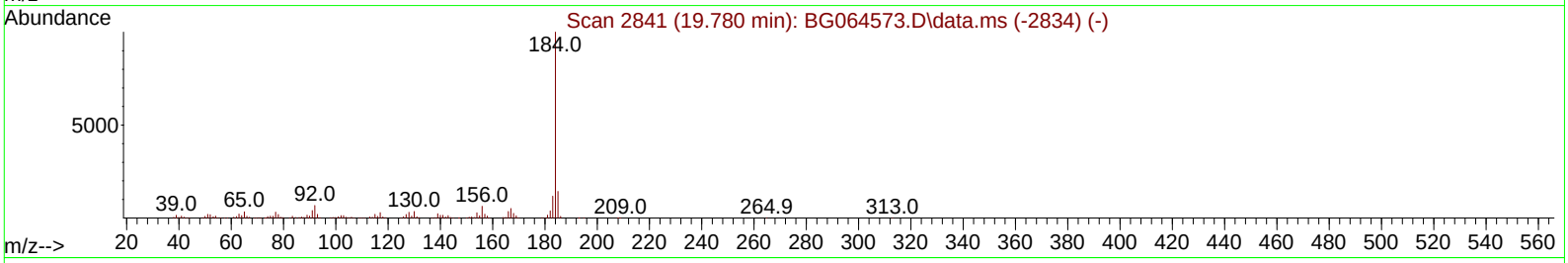
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064671.D
Acq On : 3 Nov 2025 13:54
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Nov 04 01:35:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration







TIC: BG064671.D\data.ms

(77) Benzidine

19.783min (+ 0.003) 139043.84 ng

response 672874

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.30	13.55
183.00	11.80	11.90
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
11/3/2025	BNA_G	BG064671.D
Compound Name	**Response**	**Retention Time**
DDT	399376	21.017
DDD	4583	20.57
DDE	760	20.071
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
5343	404719	1.32

Instrument :
BNA_G
ClientSampleId :
DFTPP

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	PB170206BL	SDG No.:	Q3399
Lab Sample ID:	PB170206BL	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	100
Sample Wt/Vol:	30.01 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS										
100-52-7	Benzaldehyde	270	U	1	160	270	330	ug/Kg	11/03/25 15:16	PB170206
108-95-2	Phenol	130	U	1	22.1	130	170	ug/Kg	11/03/25 15:16	PB170206
111-44-4	bis(2-Chloroethyl)ether	130	U	1	24.3	130	170	ug/Kg	11/03/25 15:16	PB170206
95-57-8	2-Chlorophenol	130	U	1	24.4	130	170	ug/Kg	11/03/25 15:16	PB170206
95-48-7	2-Methylphenol	130	U	1	29.9	130	170	ug/Kg	11/03/25 15:16	PB170206
108-60-1	2,2-oxybis(1-Chloropropane)	130	U	1	37.5	130	170	ug/Kg	11/03/25 15:16	PB170206
98-86-2	Acetophenone	130	U	1	29.5	130	170	ug/Kg	11/03/25 15:16	PB170206
65794-96-9	3+4-Methylphenols	270	U	1	41.1	270	330	ug/Kg	11/03/25 15:16	PB170206
621-64-7	n-Nitroso-di-n-propylamine	80.0	U	1	47.4	80.0	80.0	ug/Kg	11/03/25 15:16	PB170206
67-72-1	Hexachloroethane	130	U	1	17.6	130	170	ug/Kg	11/03/25 15:16	PB170206
98-95-3	Nitrobenzene	130	U	1	18.3	130	170	ug/Kg	11/03/25 15:16	PB170206
78-59-1	Isophorone	130	U	1	32.8	130	170	ug/Kg	11/03/25 15:16	PB170206
88-75-5	2-Nitrophenol	130	U	1	58.2	130	170	ug/Kg	11/03/25 15:16	PB170206
105-67-9	2,4-Dimethylphenol	130	U	1	64.8	130	170	ug/Kg	11/03/25 15:16	PB170206
111-91-1	bis(2-Chloroethoxy)methane	130	U	1	30.8	130	170	ug/Kg	11/03/25 15:16	PB170206
120-83-2	2,4-Dichlorophenol	130	U	1	28.3	130	170	ug/Kg	11/03/25 15:16	PB170206
91-20-3	Naphthalene	130	U	1	22.7	130	170	ug/Kg	11/03/25 15:16	PB170206
106-47-8	4-Chloroaniline	130	U	1	35.4	130	170	ug/Kg	11/03/25 15:16	PB170206
87-68-3	Hexachlorobutadiene	130	U	1	25.3	130	170	ug/Kg	11/03/25 15:16	PB170206
105-60-2	Caprolactam	270	U	1	52.1	270	330	ug/Kg	11/03/25 15:16	PB170206
59-50-7	4-Chloro-3-methylphenol	130	U	1	28.7	130	170	ug/Kg	11/03/25 15:16	PB170206
91-57-6	2-Methylnaphthalene	130	U	1	25.6	130	170	ug/Kg	11/03/25 15:16	PB170206
77-47-4	Hexachlorocyclopentadiene	270	U	1	120	270	330	ug/Kg	11/03/25 15:16	PB170206
88-06-2	2,4,6-Trichlorophenol	130	U	1	19.8	130	170	ug/Kg	11/03/25 15:16	PB170206
95-95-4	2,4,5-Trichlorophenol	130	U	1	29.1	130	170	ug/Kg	11/03/25 15:16	PB170206
92-52-4	1,1-Biphenyl	130	U	1	21.8	130	170	ug/Kg	11/03/25 15:16	PB170206
91-58-7	2-Chloronaphthalene	130	U	1	22.5	130	170	ug/Kg	11/03/25 15:16	PB170206
88-74-4	2-Nitroaniline	130	U	1	48.1	130	170	ug/Kg	11/03/25 15:16	PB170206
131-11-3	Dimethylphthalate	130	U	1	27.1	130	170	ug/Kg	11/03/25 15:16	PB170206
208-96-8	Acenaphthylene	130	U	1	28.9	130	170	ug/Kg	11/03/25 15:16	PB170206
606-20-2	2,6-Dinitrotoluene	130	U	1	33.6	130	170	ug/Kg	11/03/25 15:16	PB170206
99-09-2	3-Nitroaniline	130	U	1	46.0	130	170	ug/Kg	11/03/25 15:16	PB170206
83-32-9	Acenaphthene	130	U	1	21.3	130	170	ug/Kg	11/03/25 15:16	PB170206
51-28-5	2,4-Dinitrophenol	270	U	1	230	270	330	ug/Kg	11/03/25 15:16	PB170206
100-02-7	4-Nitrophenol	270	U	1	110	270	330	ug/Kg	11/03/25 15:16	PB170206
132-64-9	Dibenzofuran	130	U	1	22.7	130	170	ug/Kg	11/03/25 15:16	PB170206
121-14-2	2,4-Dinitrotoluene	130	U	1	50.1	130	170	ug/Kg	11/03/25 15:16	PB170206
84-66-2	Diethylphthalate	130	U	1	28.3	130	170	ug/Kg	11/03/25 15:16	PB170206
7005-72-3	4-Chlorophenyl-phenylether	130	U	1	26.7	130	170	ug/Kg	11/03/25 15:16	PB170206
86-73-7	Fluorene	130	U	1	25.3	130	170	ug/Kg	11/03/25 15:16	PB170206
100-01-6	4-Nitroaniline	130	U	1	64.2	130	170	ug/Kg	11/03/25 15:16	PB170206
534-52-1	4,6-Dinitro-2-methylphenol	270	U	1	100	270	330	ug/Kg	11/03/25 15:16	PB170206

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.			Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY			Date Received:	
Client Sample ID:	PB170206BL			SDG No.:	Q3399
Lab Sample ID:	PB170206BL			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	130	U	1	32.9	130	170	ug/Kg	11/03/25 15:16	PB170206
101-55-3	4-Bromophenyl-phenylether	130	U	1	27.8	130	170	ug/Kg	11/03/25 15:16	PB170206
118-74-1	Hexachlorobenzene	130	U	1	25.3	130	170	ug/Kg	11/03/25 15:16	PB170206
1912-24-9	Atrazine	130	U	1	34.0	130	170	ug/Kg	11/03/25 15:16	PB170206
87-86-5	Pentachlorophenol	270	U	1	51.3	270	330	ug/Kg	11/03/25 15:16	PB170206
85-01-8	Phenanthrene	130	U	1	20.9	130	170	ug/Kg	11/03/25 15:16	PB170206
120-12-7	Anthracene	130	U	1	33.3	130	170	ug/Kg	11/03/25 15:16	PB170206
86-74-8	Carbazole	130	U	1	31.2	130	170	ug/Kg	11/03/25 15:16	PB170206
84-74-2	Di-n-butylphthalate	130	U	1	47.9	130	170	ug/Kg	11/03/25 15:16	PB170206
206-44-0	Fluoranthene	130	U	1	30.0	130	170	ug/Kg	11/03/25 15:16	PB170206
129-00-0	Pyrene	130	U	1	36.0	130	170	ug/Kg	11/03/25 15:16	PB170206
85-68-7	Butylbenzylphthalate	130	U	1	71.4	130	170	ug/Kg	11/03/25 15:16	PB170206
91-94-1	3,3-Dichlorobenzidine	270	U	1	36.7	270	330	ug/Kg	11/03/25 15:16	PB170206
56-55-3	Benzo(a)anthracene	130	U	1	23.0	130	170	ug/Kg	11/03/25 15:16	PB170206
218-01-9	Chrysene	130	U	1	19.9	130	170	ug/Kg	11/03/25 15:16	PB170206
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	1	59.2	130	170	ug/Kg	11/03/25 15:16	PB170206
117-84-0	Di-n-octyl phthalate	270	U	1	86.8	270	330	ug/Kg	11/03/25 15:16	PB170206
205-99-2	Benzo(b)fluoranthene	130	U	1	19.0	130	170	ug/Kg	11/03/25 15:16	PB170206
207-08-9	Benzo(k)fluoranthene	130	U	1	22.4	130	170	ug/Kg	11/03/25 15:16	PB170206
50-32-8	Benzo(a)pyrene	130	U	1	29.5	130	170	ug/Kg	11/03/25 15:16	PB170206
193-39-5	Indeno(1,2,3-cd)pyrene	130	U	1	29.1	130	170	ug/Kg	11/03/25 15:16	PB170206
53-70-3	Dibenzo(a,h)anthracene	130	U	1	27.4	130	170	ug/Kg	11/03/25 15:16	PB170206
191-24-2	Benzo(g,h,i)perylene	130	U	1	25.7	130	170	ug/Kg	11/03/25 15:16	PB170206
95-94-3	1,2,4,5-Tetrachlorobenzene	130	U	1	25.6	130	170	ug/Kg	11/03/25 15:16	PB170206
123-91-1	1,4-Dioxane	130	U	1	45.2	130	170	ug/Kg	11/03/25 15:16	PB170206
58-90-2	2,3,4,6-Tetrachlorophenol	130	U	1	27.4	130	170	ug/Kg	11/03/25 15:16	PB170206
SURROGATES										
367-12-4	2-Fluorophenol	139			35 - 115		93%	SPK: 150		
13127-88-3	Phenol-d6	127			34 - 127		85%	SPK: 150		
4165-60-0	Nitrobenzene-d5	110			37 - 122		110%	SPK: 100		
321-60-8	2-Fluorobiphenyl	93.6			44 - 115		94%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	159			39 - 132		106%	SPK: 150		
1718-51-0	Terphenyl-d14	96.5			54 - 127		97%	SPK: 100		
INTERNAL STANDARDS		**Area Count**								
3855-82-1	1,4-Dichlorobenzene-d4	33300								
1146-65-2	Naphthalene-d8	120000								
15067-26-2	Acenaphthene-d10	97900								
1517-22-2	Phenanthrene-d10	256000								
1719-03-5	Chrysene-d12	321000								
1520-96-3	Perylene-d12	342000								

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	ICE Service Group, Inc.			Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY			Date Received:	
Client Sample ID:	PB170206BL			SDG No.:	Q3399
Lab Sample ID:	PB170206BL			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064673.D
Acq On : 3 Nov 2025 15:16
Operator : RC/JU
Sample : PB170206BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170206BL

Quant Time: Nov 04 00:42:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

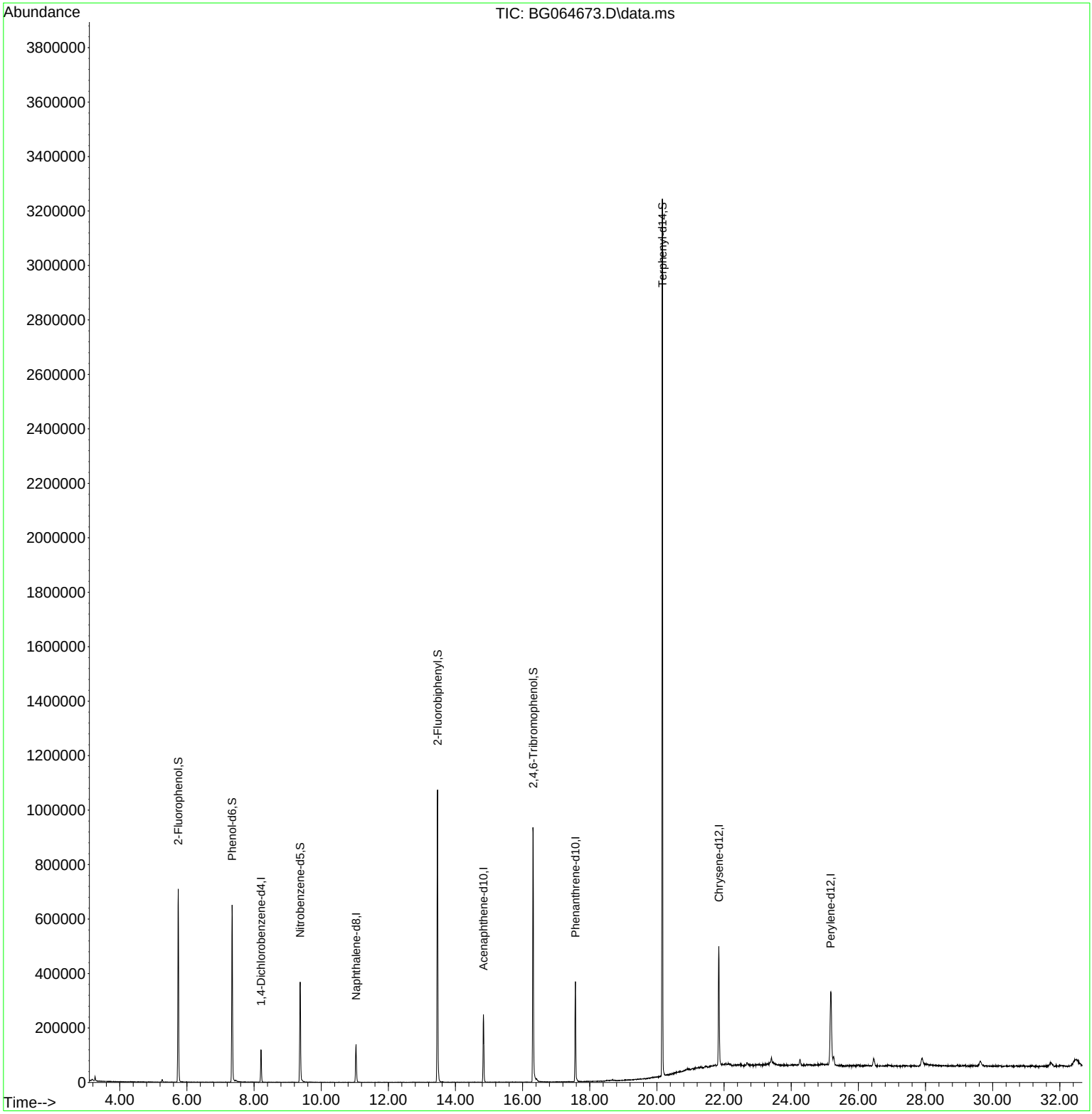
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.206	152	33303	20.000	ng	-0.02
21) Naphthalene-d8	11.038	136	120360	20.000	ng	-0.01
39) Acenaphthene-d10	14.833	164	97938	20.000	ng	-0.01
64) Phenanthrene-d10	17.571	188	255703	20.000	ng	-0.01
76) Chrysene-d12	21.843	240	321187	20.000	ng	-0.02
86) Perylene-d12	25.174	264	341510	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.744	112	276345	139.280	ng	0.00
7) Phenol-d6	7.348	99	345673	126.964	ng	0.00
23) Nitrobenzene-d5	9.375	82	219660	109.616	ng	-0.01
42) 2,4,6-Tribromophenol	16.314	330	224867	159.081	ng	0.00
45) 2-Fluorobiphenyl	13.464	172	604660	93.581	ng	-0.01
79) Terphenyl-d14	20.162	244	1643150	96.545	ng	-0.01
Target Compounds						Qvalue

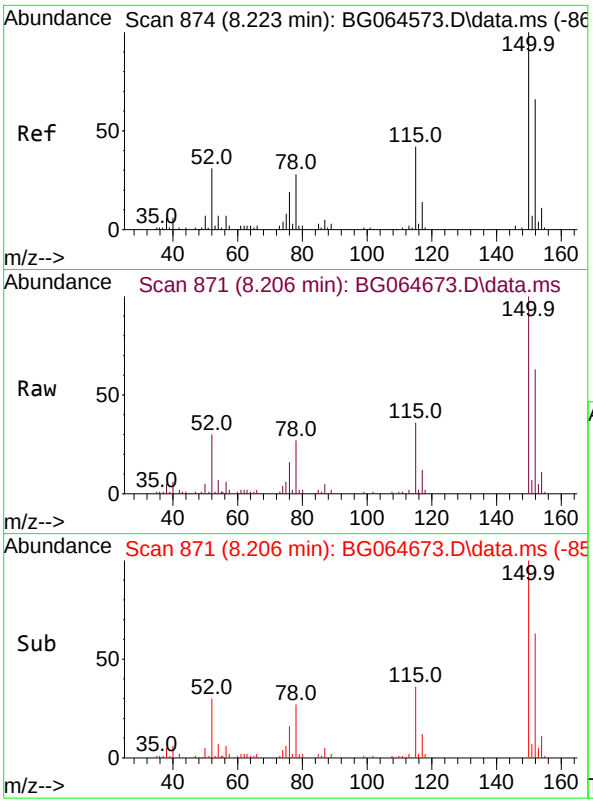
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064673.D
Acq On : 3 Nov 2025 15:16
Operator : RC/JU
Sample : PB170206BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170206BL

Quant Time: Nov 04 00:42:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration



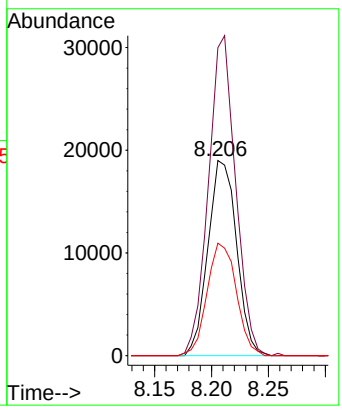


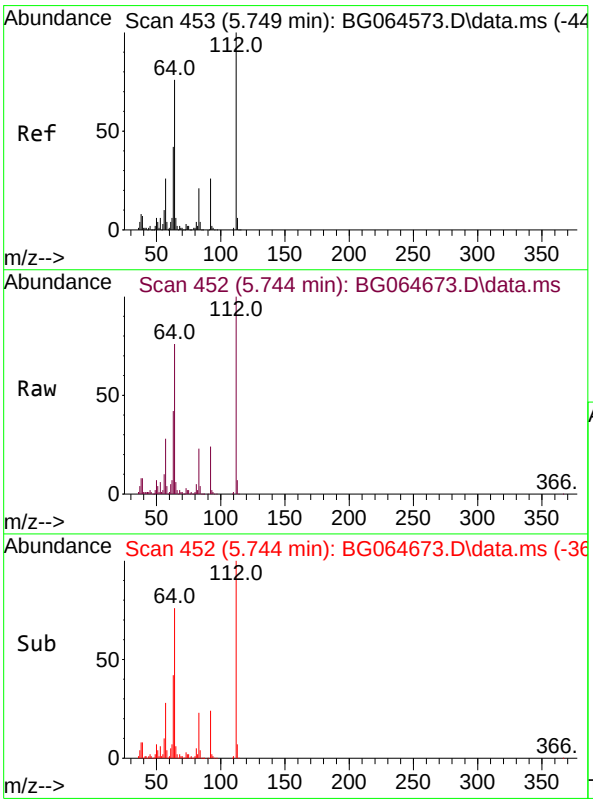
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.206 min Scan# 8
Delta R.T. -0.017 min
Lab File: BG064673.D
Acq: 3 Nov 2025 15:16

Instrument :
BNA_G
ClientSampleId :
PB170206BL

Tgt Ion:152 Resp: 33303

Ion	Ratio	Lower	Upper
152	100		
150	157.8	122.2	183.4
115	57.6	50.8	76.2

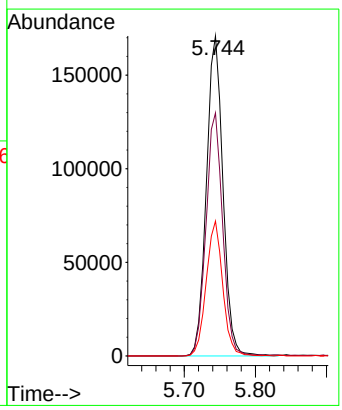


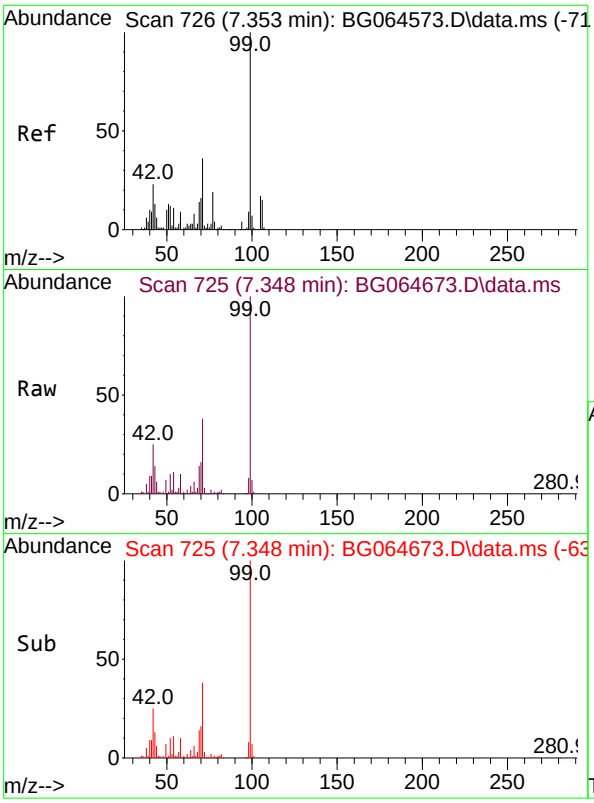


#5
2-Fluorophenol
Concen: 139.280 ng
RT: 5.744 min Scan# 452
Delta R.T. -0.006 min
Lab File: BG064673.D
Acq: 3 Nov 2025 15:16

Tgt Ion:112 Resp: 276345

Ion	Ratio	Lower	Upper
112	100		
64	75.9	60.7	91.1
63	42.1	33.4	50.0



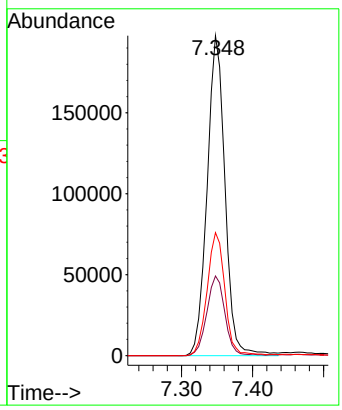


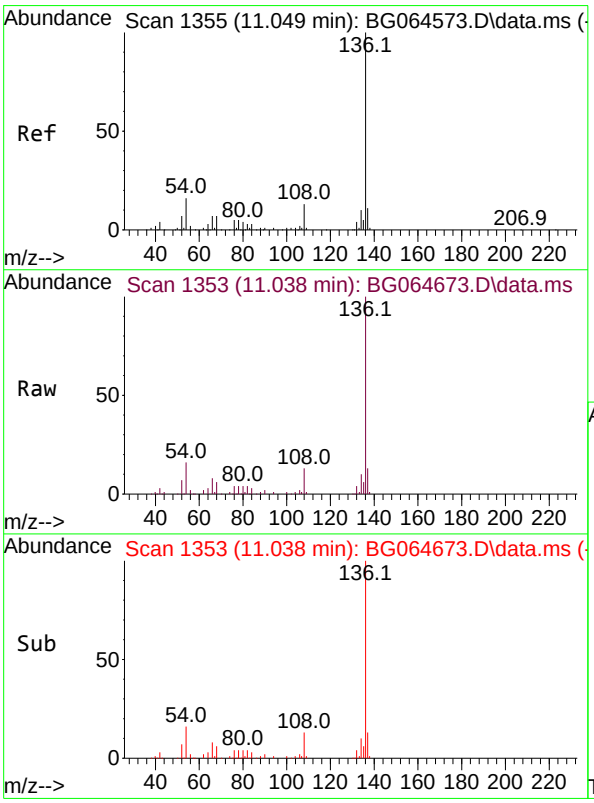
#7
Phenol-d6
Concen: 126.964 ng
RT: 7.348 min Scan# 7
Delta R.T. -0.006 min
Lab File: BG064673.D
Acq: 3 Nov 2025 15:16

Instrument :
BNA_G
ClientSampleId :
PB170206BL

Tgt Ion: 99 Resp: 345673

Ion	Ratio	Lower	Upper
99	100		
42	24.9	18.3	27.5
71	38.5	28.6	43.0

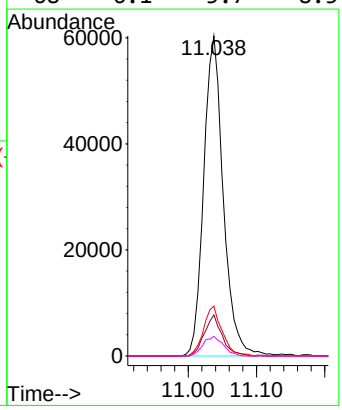


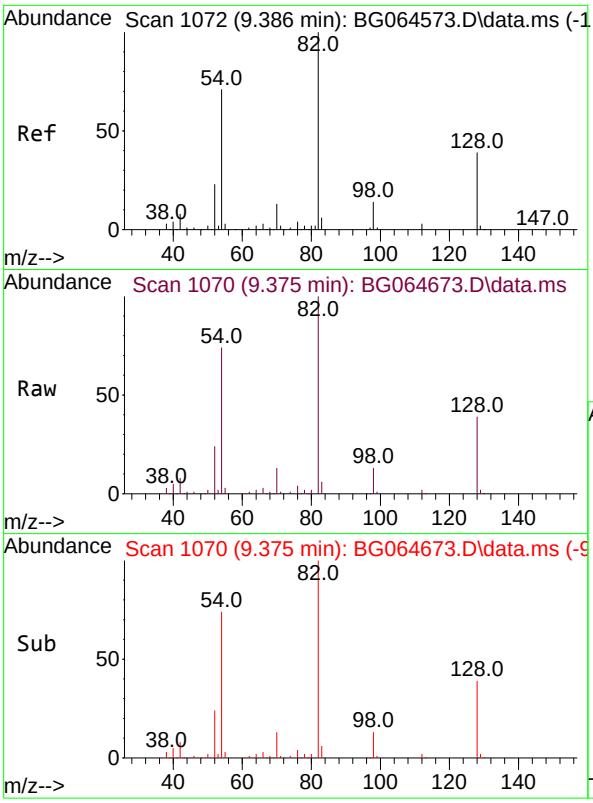


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.038 min Scan# 1353
Delta R.T. -0.011 min
Lab File: BG064673.D
Acq: 3 Nov 2025 15:16

Tgt Ion:136 Resp: 120360

Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.2	13.8
54	15.6	12.6	19.0
68	6.1	5.7	8.5



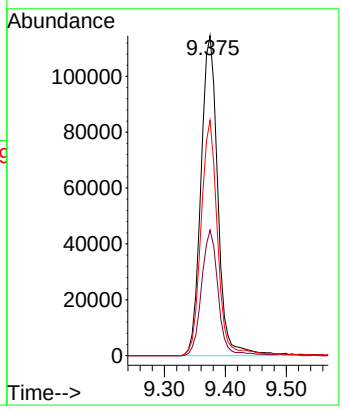


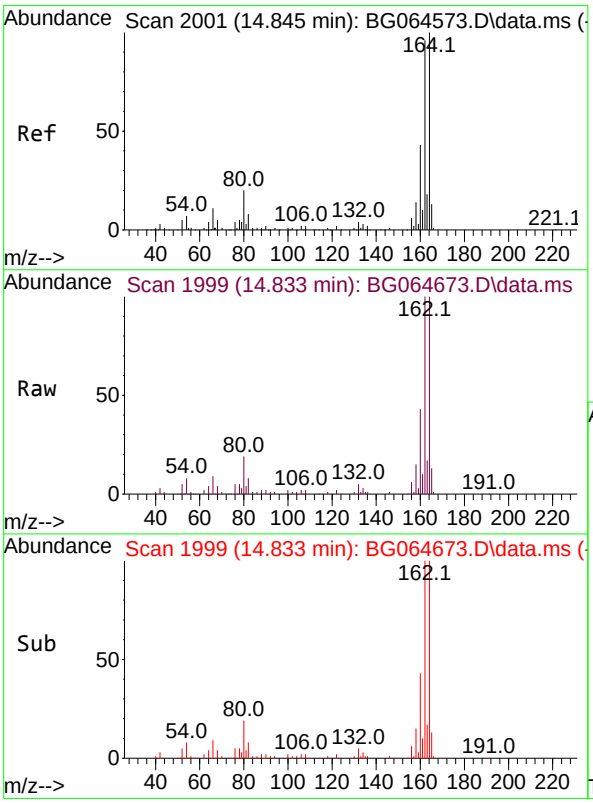
#23
Nitrobenzene-d5
Concen: 109.616 ng
RT: 9.375 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG064673.D
Acq: 3 Nov 2025 15:16

Instrument :
BNA_G
ClientSampleId :
PB170206BL

Tgt Ion: 82 Resp: 219660

Ion	Ratio	Lower	Upper
82	100		
128	39.2	31.3	46.9
54	73.5	56.6	84.8

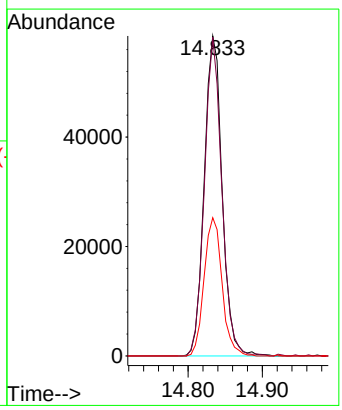


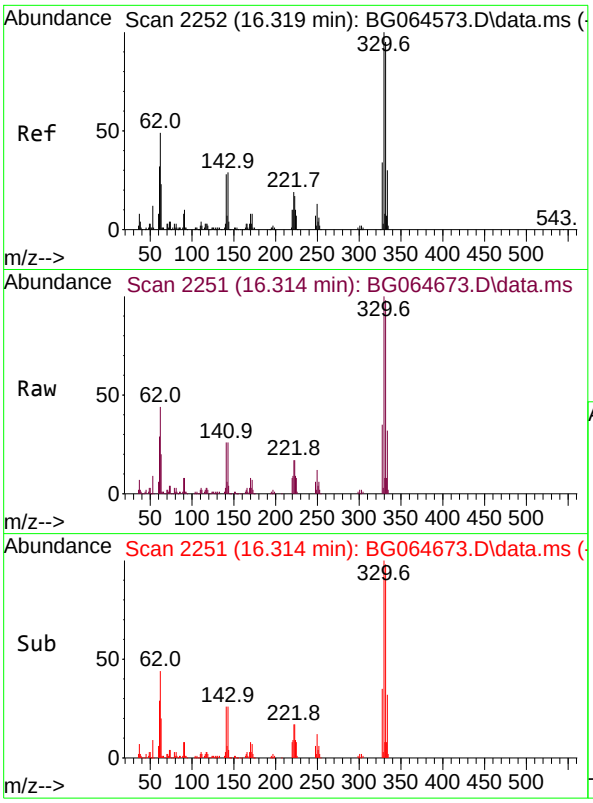


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.833 min Scan# 1999
Delta R.T. -0.011 min
Lab File: BG064673.D
Acq: 3 Nov 2025 15:16

Tgt Ion:164 Resp: 97938

Ion	Ratio	Lower	Upper
164	100		
162	99.5	77.0	115.6
160	43.2	34.4	51.6



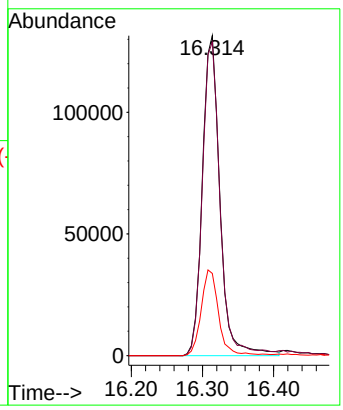


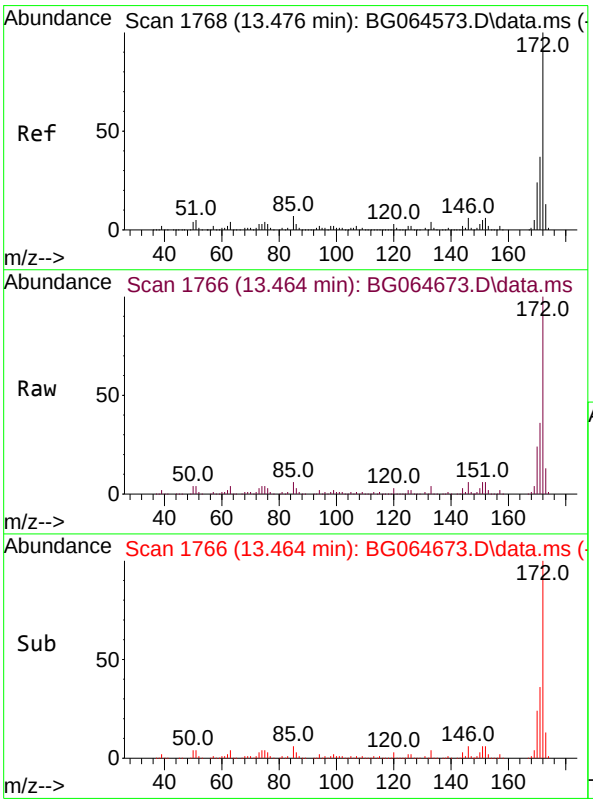
#42
2,4,6-Tribromophenol
Concen: 159.081 ng
RT: 16.314 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064673.D
Acq: 3 Nov 2025 15:16

Instrument :
BNA_G
ClientSampleId :
PB170206BL

Tgt Ion:330 Resp: 224867

Ion	Ratio	Lower	Upper
330	100		
332	98.4	78.0	117.0
141	26.7	21.8	32.6

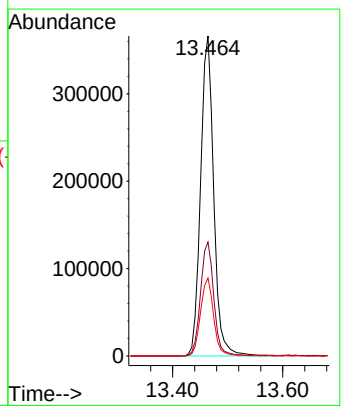


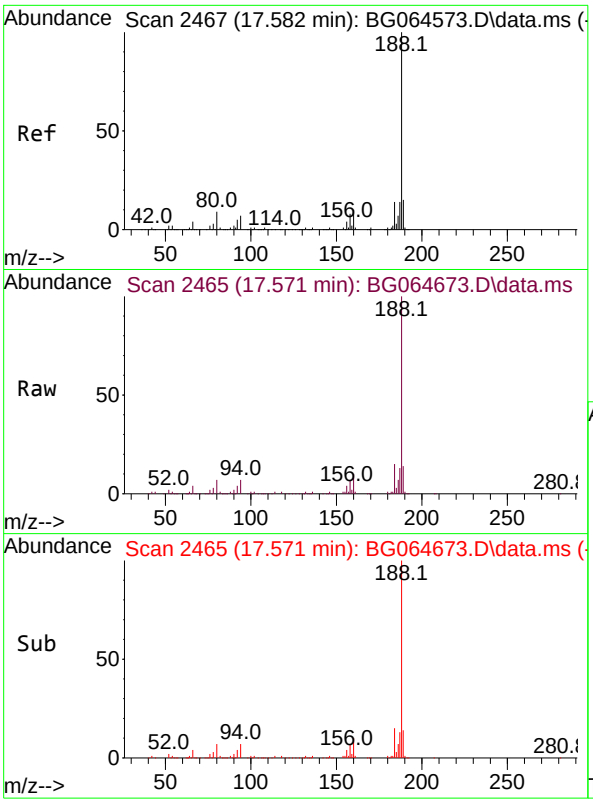


#45
2-Fluorobiphenyl
Concen: 93.581 ng
RT: 13.464 min Scan# 1766
Delta R.T. -0.011 min
Lab File: BG064673.D
Acq: 3 Nov 2025 15:16

Tgt Ion:172 Resp: 604660

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.4	44.0
170	24.3	19.1	28.7



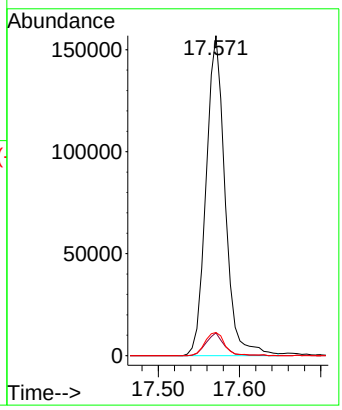


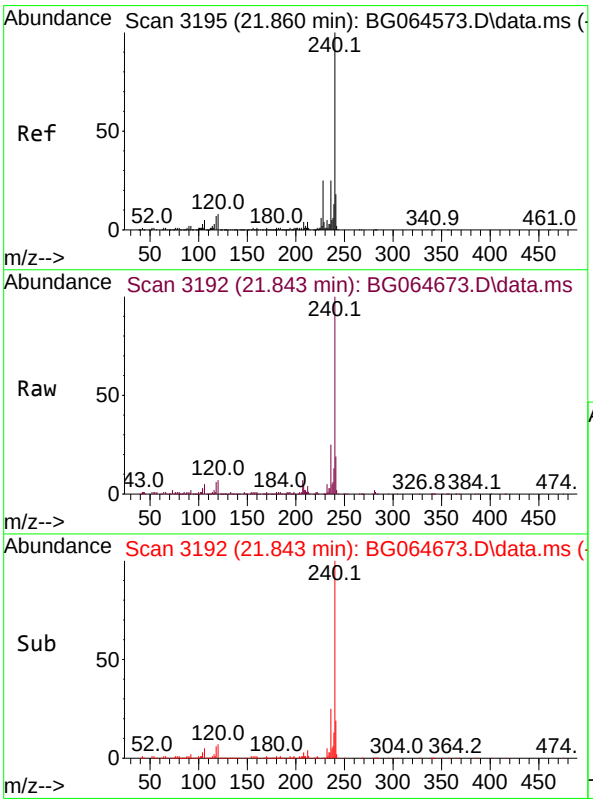
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.571 min Scan# 24
Delta R.T. -0.011 min
Lab File: BG064673.D
Acq: 3 Nov 2025 15:16

Instrument :
BNA_G
ClientSampleId :
PB170206BL

Tgt Ion:188 Resp: 255703

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.7	8.5
80	7.2	6.8	10.2

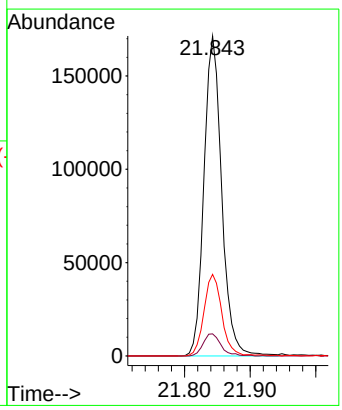


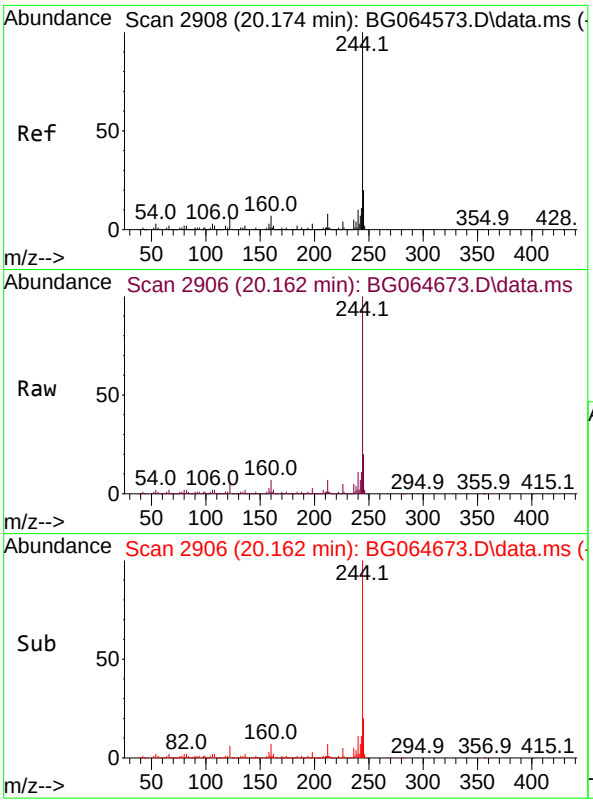


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.843 min Scan# 3192
Delta R.T. -0.017 min
Lab File: BG064673.D
Acq: 3 Nov 2025 15:16

Tgt Ion:240 Resp: 321187

Ion	Ratio	Lower	Upper
240	100		
120	6.9	6.5	9.7
236	25.5	20.2	30.2



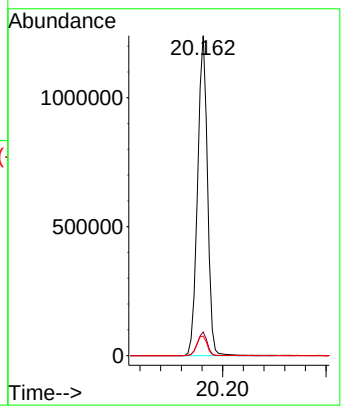


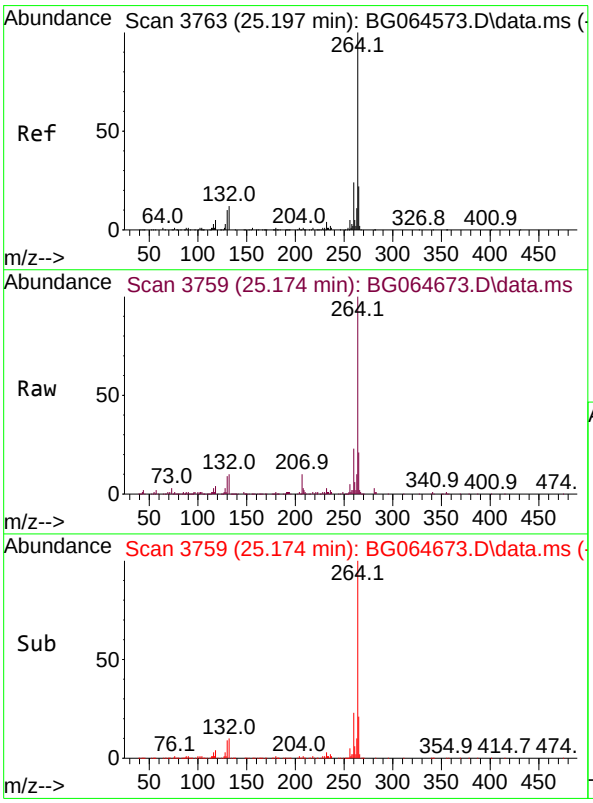
#79
Terphenyl-d14
Concen: 96.545 ng
RT: 20.162 min Scan# 29
Delta R.T. -0.011 min
Lab File: BG064673.D
Acq: 3 Nov 2025 15:16

Instrument :
BNA_G
ClientSampleId :
PB170206BL

Tgt Ion:244 Resp: 1643150

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	6.1	5.6	8.4

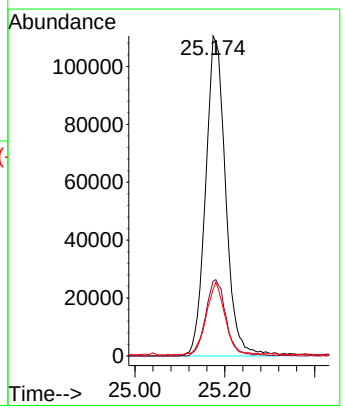




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.174 min Scan# 3759
Delta R.T. -0.023 min
Lab File: BG064673.D
Acq: 3 Nov 2025 15:16

Tgt Ion:264 Resp: 341510

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.4
265	20.8	17.6	26.4



Sample Results: **BG064673.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064673.D
Acq On : 3 Nov 2025 15:16
Operator : RC/JU
Sample : PB170206BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170206BL

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064673.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.744	444	452	469	rBV	708227	1144619	26.81%	8.322%
2	7.348	717	725	738	rBV	650751	1148417	26.90%	8.350%
3	8.206	864	871	879	rVB	118885	206839	4.84%	1.504%
4	9.375	1062	1070	1087	rBV	368188	710193	16.63%	5.163%
5	11.038	1345	1353	1363	rBV	139120	267038	6.25%	1.941%
6	13.464	1758	1766	1782	rBV	1074100	1781674	41.73%	12.954%
7	14.833	1992	1999	2008	rBV	248245	406890	9.53%	2.958%
8	16.308	2243	2250	2265	rBV	935224	1610284	37.71%	11.707%
9	17.571	2458	2465	2479	rBV	367528	599270	14.04%	4.357%
10	20.162	2899	2906	2918	rBV	3222639	4269769	100.00%	31.043%
11	21.843	3186	3192	3202	rBV2	434509	805615	18.87%	5.857%
12	25.180	3750	3760	3770	rBV	262998	803703	18.82%	5.843%

Sum of corrected areas: 13754311

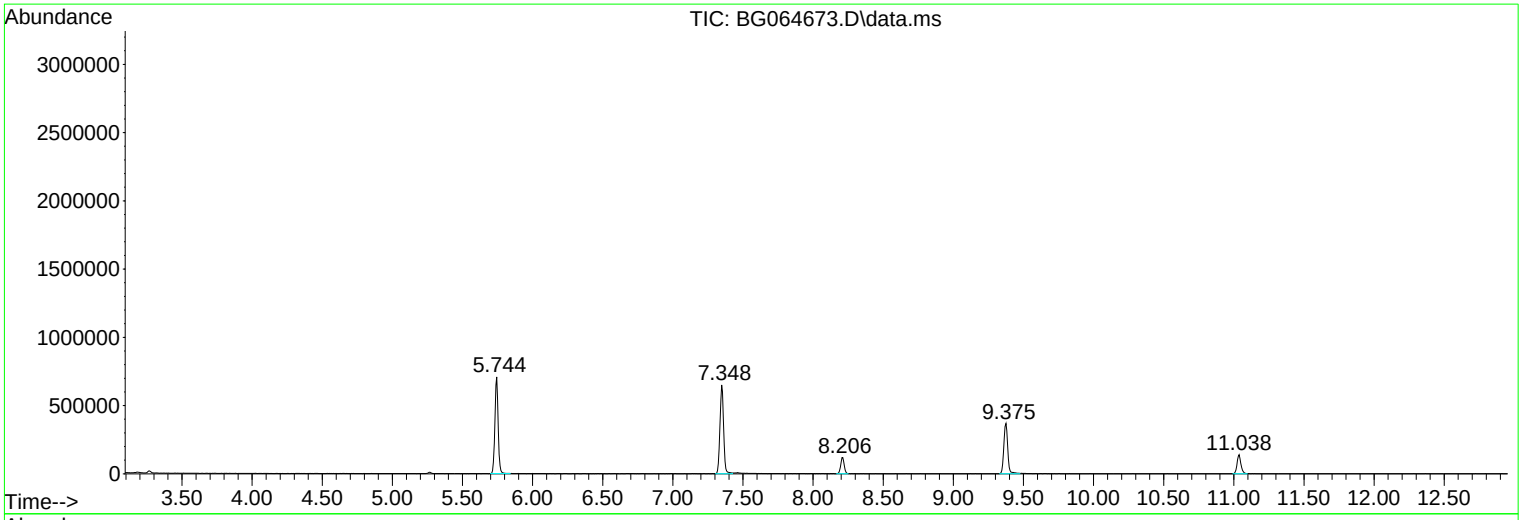
Sample Results: **BG064673.D**

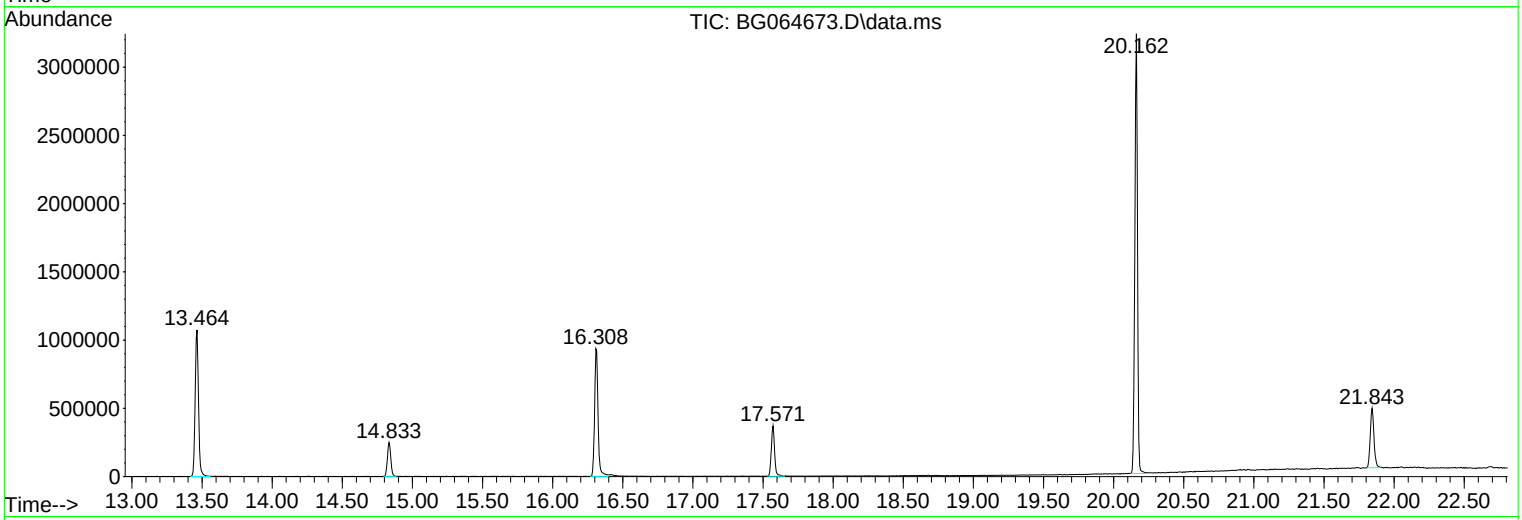
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064673.D
Acq On : 3 Nov 2025 15:16
Operator : RC/JU
Sample : PB170206BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

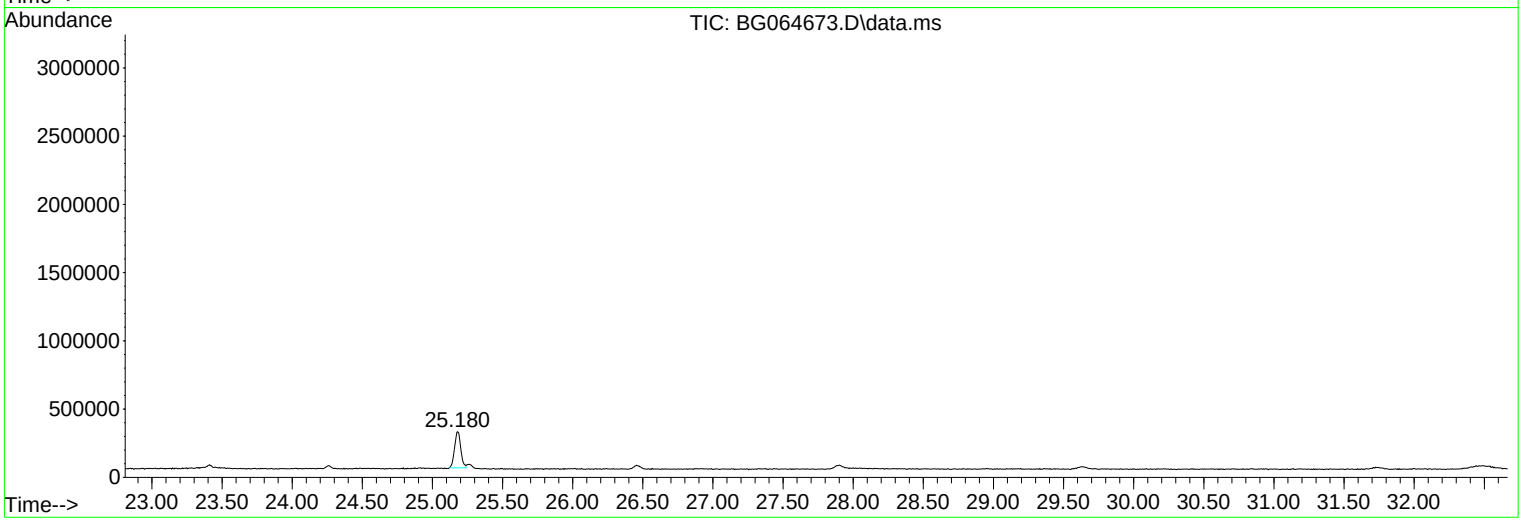
Instrument :
BNA_G
ClientSampleId :
PB170206BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064673.D
Acq On : 3 Nov 2025 15:16
Operator : RC/JU
Sample : PB170206BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170206BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064673.D
Acq On : 3 Nov 2025 15:16
Operator : RC/JU
Sample : PB170206BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170206BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	PB170206BS	SDG No.:	Q3399
Lab Sample ID:	PB170206BS	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	100
Sample Wt/Vol:	30.03 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS										
100-52-7	Benzaldehyde	980		1	160	270	330	ug/Kg	11/03/25 15:57	PB170206
108-95-2	Phenol	1400		1	22.1	130	170	ug/Kg	11/03/25 15:57	PB170206
111-44-4	bis(2-Chloroethyl)ether	1300		1	24.3	130	170	ug/Kg	11/03/25 15:57	PB170206
95-57-8	2-Chlorophenol	1500		1	24.4	130	170	ug/Kg	11/03/25 15:57	PB170206
95-48-7	2-Methylphenol	1500		1	29.9	130	170	ug/Kg	11/03/25 15:57	PB170206
108-60-1	2,2-oxybis(1-Chloropropane)	1300		1	37.5	130	170	ug/Kg	11/03/25 15:57	PB170206
98-86-2	Acetophenone	1500		1	29.5	130	170	ug/Kg	11/03/25 15:57	PB170206
65794-96-9	3+4-Methylphenols	1400		1	41.1	270	330	ug/Kg	11/03/25 15:57	PB170206
621-64-7	n-Nitroso-di-n-propylamine	1300		1	47.4	79.9	79.9	ug/Kg	11/03/25 15:57	PB170206
67-72-1	Hexachloroethane	1400		1	17.6	130	170	ug/Kg	11/03/25 15:57	PB170206
98-95-3	Nitrobenzene	1500		1	18.3	130	170	ug/Kg	11/03/25 15:57	PB170206
78-59-1	Isophorone	1300		1	32.8	130	170	ug/Kg	11/03/25 15:57	PB170206
88-75-5	2-Nitrophenol	1700		1	58.1	130	170	ug/Kg	11/03/25 15:57	PB170206
105-67-9	2,4-Dimethylphenol	1600		1	64.7	130	170	ug/Kg	11/03/25 15:57	PB170206
111-91-1	bis(2-Chloroethoxy)methane	1300		1	30.8	130	170	ug/Kg	11/03/25 15:57	PB170206
120-83-2	2,4-Dichlorophenol	1600		1	28.3	130	170	ug/Kg	11/03/25 15:57	PB170206
91-20-3	Naphthalene	1400		1	22.7	130	170	ug/Kg	11/03/25 15:57	PB170206
106-47-8	4-Chloroaniline	700		1	35.4	130	170	ug/Kg	11/03/25 15:57	PB170206
87-68-3	Hexachlorobutadiene	1500		1	25.3	130	170	ug/Kg	11/03/25 15:57	PB170206
105-60-2	Caprolactam	1400		1	52.0	270	330	ug/Kg	11/03/25 15:57	PB170206
59-50-7	4-Chloro-3-methylphenol	1500		1	28.7	130	170	ug/Kg	11/03/25 15:57	PB170206
91-57-6	2-Methylnaphthalene	1300		1	25.6	130	170	ug/Kg	11/03/25 15:57	PB170206
77-47-4	Hexachlorocyclopentadiene	4200	E	1	120	270	330	ug/Kg	11/03/25 15:57	PB170206
88-06-2	2,4,6-Trichlorophenol	1700		1	19.8	130	170	ug/Kg	11/03/25 15:57	PB170206
95-95-4	2,4,5-Trichlorophenol	1600		1	29.1	130	170	ug/Kg	11/03/25 15:57	PB170206
92-52-4	1,1-Biphenyl	1600		1	21.8	130	170	ug/Kg	11/03/25 15:57	PB170206
91-58-7	2-Chloronaphthalene	1400		1	22.5	130	170	ug/Kg	11/03/25 15:57	PB170206
88-74-4	2-Nitroaniline	1500		1	48.1	130	170	ug/Kg	11/03/25 15:57	PB170206
131-11-3	Dimethylphthalate	1500		1	27.1	130	170	ug/Kg	11/03/25 15:57	PB170206
208-96-8	Acenaphthylene	1700		1	28.9	130	170	ug/Kg	11/03/25 15:57	PB170206
606-20-2	2,6-Dinitrotoluene	1800		1	33.6	130	170	ug/Kg	11/03/25 15:57	PB170206
99-09-2	3-Nitroaniline	1200		1	46.0	130	170	ug/Kg	11/03/25 15:57	PB170206
83-32-9	Acenaphthene	1600		1	21.3	130	170	ug/Kg	11/03/25 15:57	PB170206
51-28-5	2,4-Dinitrophenol	3700	E	1	230	270	330	ug/Kg	11/03/25 15:57	PB170206
100-02-7	4-Nitrophenol	3100	E	1	110	270	330	ug/Kg	11/03/25 15:57	PB170206
132-64-9	Dibenzofuran	1400		1	22.7	130	170	ug/Kg	11/03/25 15:57	PB170206
121-14-2	2,4-Dinitrotoluene	1700		1	50.0	130	170	ug/Kg	11/03/25 15:57	PB170206
84-66-2	Diethylphthalate	1500		1	28.3	130	170	ug/Kg	11/03/25 15:57	PB170206
7005-72-3	4-Chlorophenyl-phenylether	1500		1	26.7	130	170	ug/Kg	11/03/25 15:57	PB170206
86-73-7	Fluorene	1500		1	25.3	130	170	ug/Kg	11/03/25 15:57	PB170206
100-01-6	4-Nitroaniline	1700		1	64.1	130	170	ug/Kg	11/03/25 15:57	PB170206
534-52-1	4,6-Dinitro-2-methylphenol	1900		1	100	270	330	ug/Kg	11/03/25 15:57	PB170206

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	PB170206BS	SDG No.:	Q3399
Lab Sample ID:	PB170206BS	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	100
Sample Wt/Vol:	30.03 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1500		1	32.9	130	170	ug/Kg	11/03/25 15:57	PB170206
101-55-3	4-Bromophenyl-phenylether	1500		1	27.8	130	170	ug/Kg	11/03/25 15:57	PB170206
118-74-1	Hexachlorobenzene	1500		1	25.3	130	170	ug/Kg	11/03/25 15:57	PB170206
1912-24-9	Atrazine	1600		1	34.0	130	170	ug/Kg	11/03/25 15:57	PB170206
87-86-5	Pentachlorophenol	3300	E	1	51.2	270	330	ug/Kg	11/03/25 15:57	PB170206
85-01-8	Phenanthrene	1500		1	20.9	130	170	ug/Kg	11/03/25 15:57	PB170206
120-12-7	Anthracene	1500		1	33.3	130	170	ug/Kg	11/03/25 15:57	PB170206
86-74-8	Carbazole	1500		1	31.2	130	170	ug/Kg	11/03/25 15:57	PB170206
84-74-2	Di-n-butylphthalate	1500		1	47.9	130	170	ug/Kg	11/03/25 15:57	PB170206
206-44-0	Fluoranthene	1500		1	30.0	130	170	ug/Kg	11/03/25 15:57	PB170206
129-00-0	Pyrene	1400		1	36.0	130	170	ug/Kg	11/03/25 15:57	PB170206
85-68-7	Butylbenzylphthalate	1600		1	71.3	130	170	ug/Kg	11/03/25 15:57	PB170206
91-94-1	3,3-Dichlorobenzidine	1100		1	36.7	270	330	ug/Kg	11/03/25 15:57	PB170206
56-55-3	Benzo(a)anthracene	1500		1	23.0	130	170	ug/Kg	11/03/25 15:57	PB170206
218-01-9	Chrysene	1400		1	19.9	130	170	ug/Kg	11/03/25 15:57	PB170206
117-81-7	Bis(2-ethylhexyl)phthalate	1600		1	59.1	130	170	ug/Kg	11/03/25 15:57	PB170206
117-84-0	Di-n-octyl phthalate	1600		1	86.7	270	330	ug/Kg	11/03/25 15:57	PB170206
205-99-2	Benzo(b)fluoranthene	1500		1	19.0	130	170	ug/Kg	11/03/25 15:57	PB170206
207-08-9	Benzo(k)fluoranthene	1500		1	22.4	130	170	ug/Kg	11/03/25 15:57	PB170206
50-32-8	Benzo(a)pyrene	1600		1	29.5	130	170	ug/Kg	11/03/25 15:57	PB170206
193-39-5	Indeno(1,2,3-cd)pyrene	1500		1	29.1	130	170	ug/Kg	11/03/25 15:57	PB170206
53-70-3	Dibenzo(a,h)anthracene	1500		1	27.4	130	170	ug/Kg	11/03/25 15:57	PB170206
191-24-2	Benzo(g,h,i)perylene	1500		1	25.7	130	170	ug/Kg	11/03/25 15:57	PB170206
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		1	25.6	130	170	ug/Kg	11/03/25 15:57	PB170206
123-91-1	1,4-Dioxane	1000		1	45.2	130	170	ug/Kg	11/03/25 15:57	PB170206
58-90-2	2,3,4,6-Tetrachlorophenol	1800		1	27.4	130	170	ug/Kg	11/03/25 15:57	PB170206
SURROGATES										
367-12-4	2-Fluorophenol	122			35 - 115		82%	SPK: 150		
13127-88-3	Phenol-d6	123			34 - 127		82%	SPK: 150		
4165-60-0	Nitrobenzene-d5	92.4			37 - 122		92%	SPK: 100		
321-60-8	2-Fluorobiphenyl	81.6			44 - 115		82%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	147			39 - 132		98%	SPK: 150		
1718-51-0	Terphenyl-d14	86.2			54 - 127		86%	SPK: 100		
INTERNAL STANDARDS		**Area Count**								
3855-82-1	1,4-Dichlorobenzene-d4	31500								
1146-65-2	Naphthalene-d8	125000								
15067-26-2	Acenaphthene-d10	100000								
1517-22-2	Phenanthrene-d10	249000								
1719-03-5	Chrysene-d12	291000								
1520-96-3	Perylene-d12	305000								

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	PB170206BS	SDG No.:	Q3399
Lab Sample ID:	PB170206BS	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	100
Sample Wt/Vol:	30.03 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064674.D
Acq On : 3 Nov 2025 15:57
Operator : RC/JU
Sample : PB170206BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 04 00:42:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.211	152	31473	20.000	ng	-0.01
21) Naphthalene-d8	11.037	136	125369	20.000	ng	#-0.01
39) Acenaphthene-d10	14.833	164	100193	20.000	ng	-0.01
64) Phenanthrene-d10	17.571	188	249048	20.000	ng	-0.01
76) Chrysene-d12	21.848	240	291284	20.000	ng	#-0.01
86) Perylene-d12	25.180	264	304737	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.744	112	229522	122.407	ng	0.00
7) Phenol-d6	7.353	99	317708	123.478	ng	0.00
23) Nitrobenzene-d5	9.375	82	192861	92.397	ng	-0.01
42) 2,4,6-Tribromophenol	16.314	330	212695	147.083	ng	0.00
45) 2-Fluorobiphenyl	13.464	172	539651	81.640	ng	-0.01
79) Terphenyl-d14	20.162	244	1329926	86.163	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.570	88	25132	30.274	ng	98
3) Pyridine	3.981	79	71247	28.579	ng	98
4) n-Nitrosodimethylamine	3.887	42	51911	38.830	ng	97
6) Aniline	7.524	93	106927	30.540	ng	99
8) 2-Chlorophenol	7.771	128	90900	46.315	ng	98
9) Benzaldehyde	7.330	77	41471	29.523	ng	99
10) Phenol	7.377	94	121112	42.563	ng	97
11) bis(2-Chloroethyl)ether	7.612	93	79064	37.792	ng	94
12) 1,3-Dichlorobenzene	8.100	146	94465	41.819	ng	99
13) 1,4-Dichlorobenzene	8.246	146	98423	42.851	ng	97
14) 1,2-Dichlorobenzene	8.570	146	95596	43.150	ng	99
15) Benzyl Alcohol	8.440	79	86742	40.882	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.734	45	209680	38.209	ng	99
17) 2-Methylphenol	8.640	107	84183	44.559	ng	97
18) Hexachloroethane	9.310	117	34551	42.865	ng	98
19) n-Nitroso-di-n-propyla...	9.016	70	71836	40.398	ng	94
20) 3+4-Methylphenols	8.969	107	110029	41.413	ng	98
22) Acetophenone	9.034	105	156041	45.532	ng	93
24) Nitrobenzene	9.416	77	105476	46.460	ng	96
25) Isophorone	9.950	82	199965	39.924	ng	99
26) 2-Nitrophenol	10.133	139	44327	50.434	ng	96
27) 2,4-Dimethylphenol	10.185	122	90913	48.798	ng	94
28) bis(2-Chloroethoxy)met...	10.426	93	113256	39.715	ng	99
29) 2,4-Dichlorophenol	10.673	162	94454	47.109	ng	94
30) 1,2,4-Trichlorobenzene	10.896	180	103068	45.243	ng	96
31) Naphthalene	11.090	128	293092	42.166	ng	99
32) Benzoic acid	10.309	122	63994	45.431	ng	84
33) 4-Chloroaniline	11.184	127	56613	20.955	ng	98
34) Hexachlorobutadiene	11.378	225	78715	44.182	ng	99
35) Caprolactam	11.954	113	31178m	40.543	ng	
36) 4-Chloro-3-methylphenol	12.289	107	110767	45.960	ng	96
37) 2-Methylnaphthalene	12.677	142	198311	38.860	ng	99
38) 1-Methylnaphthalene	12.894	142	207592	41.091	ng	95
40) 1,2,4,5-Tetrachloroben...	13.047	216	158567	47.157	ng	99
41) Hexachlorocyclopentadiene	13.029	237	192494	127.184	ng	96
43) 2,4,6-Trichlorophenol	13.270	196	97561	50.723	ng	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064674.D
Acq On : 3 Nov 2025 15:57
Operator : RC/JU
Sample : PB170206BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 04 00:42:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.341	196	109490	49.329	ng		98
46) 1,1'-Biphenyl	13.670	154	337726	47.413	ng		97
47) 2-Chloronaphthalene	13.717	162	230325	42.838	ng		99
48) 2-Nitroaniline	13.905	65	83771	46.518	ng		94
49) Acenaphthylene	14.557	152	422008	49.761	ng		99
50) Dimethylphthalate	14.281	163	336584	43.902	ng		100
51) 2,6-Dinitrotoluene	14.392	165	66999	52.632	ng		95
52) Acenaphthene	14.898	154	283781	48.977	ng		99
53) 3-Nitroaniline	14.721	138	47343	35.932	ng	#	94
54) 2,4-Dinitrophenol	14.927	184	88446	111.576	ng	#	30
55) Dibenzofuran	15.232	168	407661	43.519	ng		99
56) 4-Nitrophenol	15.015	139	113539	92.945	ng		88
57) 2,4-Dinitrotoluene	15.180	165	100016	50.936	ng	#	98
58) Fluorene	15.879	166	318811	43.579	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.450	232	113530	53.489	ng		99
60) Diethylphthalate	15.638	149	344532	44.012	ng		98
61) 4-Chlorophenyl-phenyle...	15.867	204	181685	44.254	ng		99
62) 4-Nitroaniline	15.879	138	72768	49.643	ng		93
63) Azobenzene	16.155	77	304790	42.435	ng		98
65) 4,6-Dinitro-2-methylph...	15.937	198	63990	57.216	ng		92
66) n-Nitrosodiphenylamine	16.073	169	300484	44.665	ng		99
67) 4-Bromophenyl-phenylether	16.754	248	133009	45.068	ng		97
68) Hexachlorobenzene	16.883	284	155303	46.126	ng		97
69) Atrazine	17.019	200	139683	48.248	ng		98
70) Pentachlorophenol	17.218	266	207688	98.918	ng		88
71) Phenanthrene	17.612	178	602824	44.262	ng		99
72) Anthracene	17.706	178	604988	43.668	ng		99
73) Carbazole	17.965	167	547456	44.812	ng		100
74) Di-n-butylphthalate	18.517	149	625052	44.244	ng		98
75) Fluoranthene	19.610	202	782658	45.872	ng		98
77) Benzidine	19.774	184	220989	33.863	ng		98
78) Pyrene	19.968	202	810468	42.587	ng		99
80) Butylbenzylphthalate	20.843	149	282780	49.163	ng		97
81) Benzo(a)anthracene	21.825	228	863171	44.692	ng		100
82) 3,3'-Dichlorobenzidine	21.731	252	205344	31.839	ng		100
83) Chrysene	21.895	228	798229	43.435	ng		98
84) Bis(2-ethylhexyl)phtha...	21.725	149	403065	46.897	ng		99
85) Di-n-octyl phthalate	22.982	149	686767	47.394	ng		98
87) Indeno(1,2,3-cd)pyrene	29.005	276	998764	44.553	ng	#	97
88) Benzo(b)fluoranthene	24.122	252	865386	46.311	ng		98
89) Benzo(k)fluoranthene	24.192	252	855280	45.739	ng		99
90) Benzo(a)pyrene	25.027	252	812553	47.305	ng		99
91) Dibenzo(a,h)anthracene	29.081	278	829406	45.540	ng		97
92) Benzo(g,h,i)perylene	30.203	276	807697	46.425	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

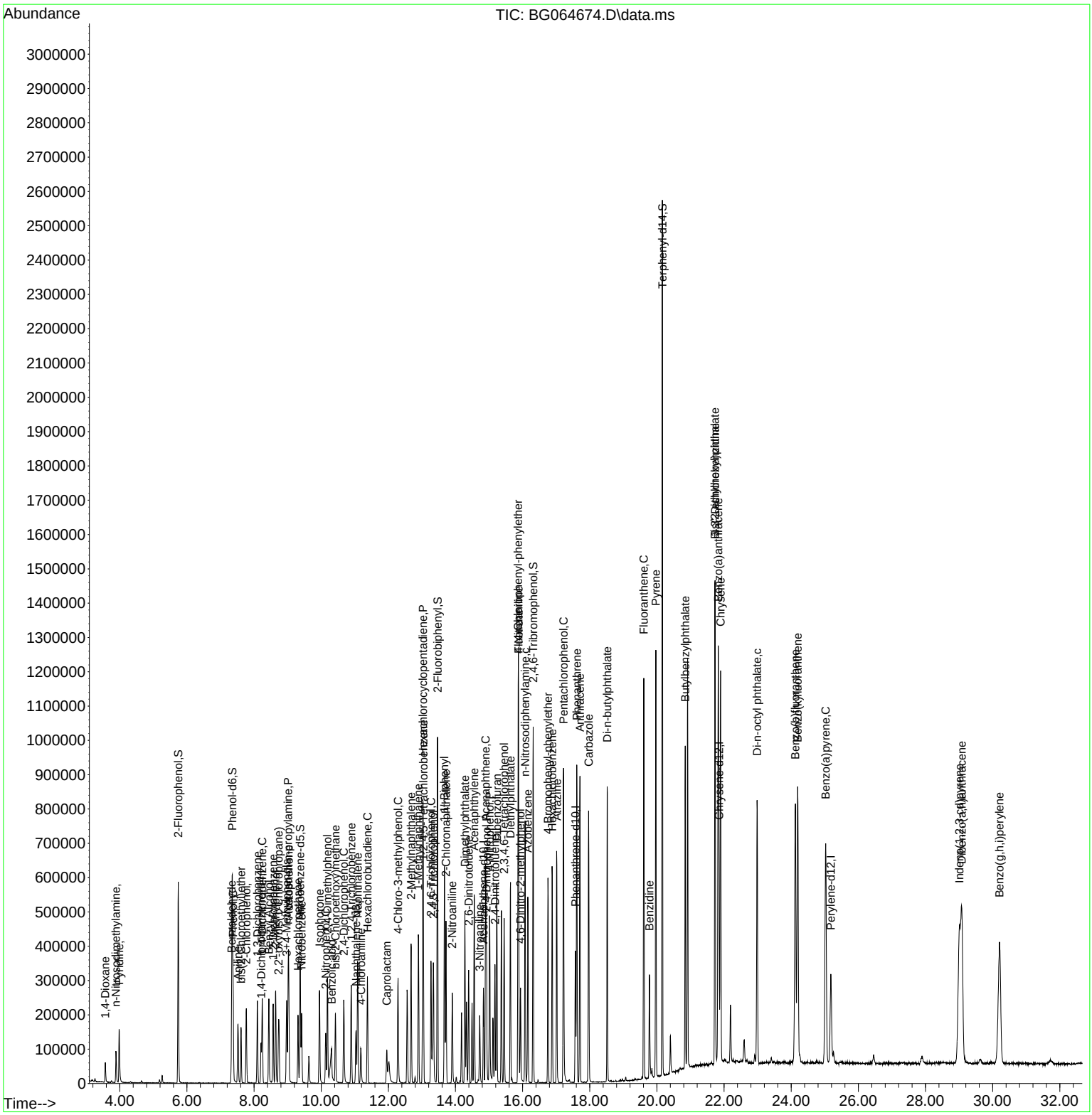
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Data File : BG064674.D
Acq On : 3 Nov 2025 15:57
Operator : RC/JU
Sample : PB170206BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

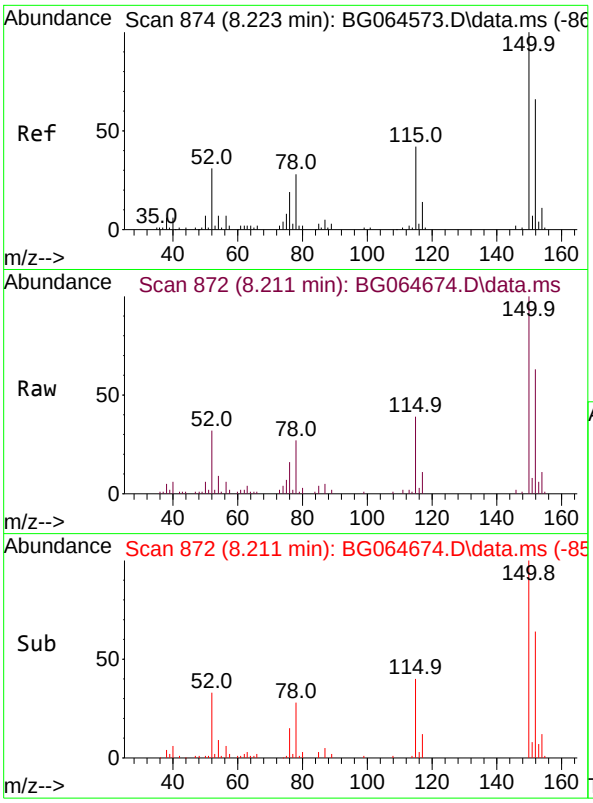
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

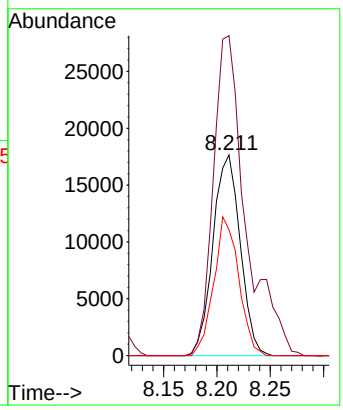




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.211 min Scan# 8
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:152 Resp: 3147

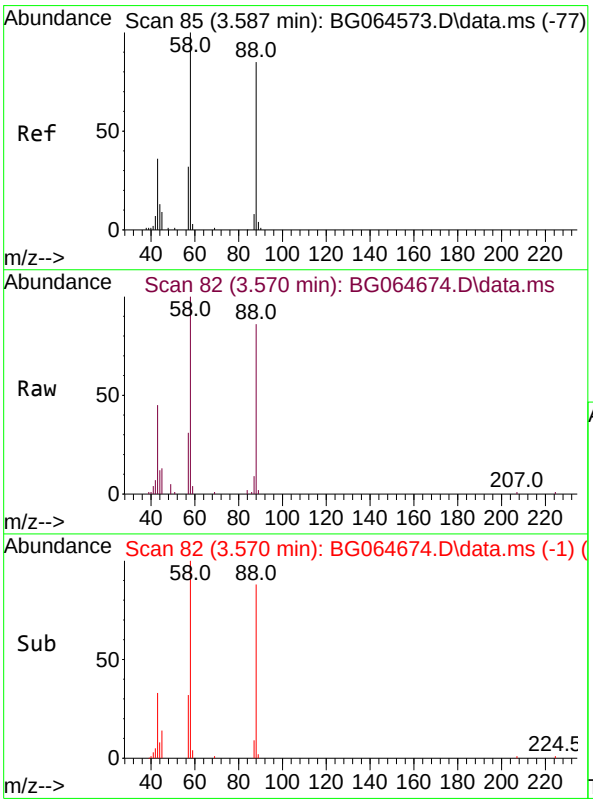
Ion	Ratio	Lower	Upper
152	100		
150	159.5	122.2	183.4
115	62.8	50.8	76.2



Instrument :
BNA_G
ClientSampleId :
PB170206BS

Manual Integrations
APPROVED

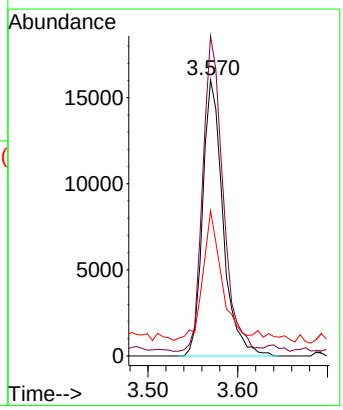
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

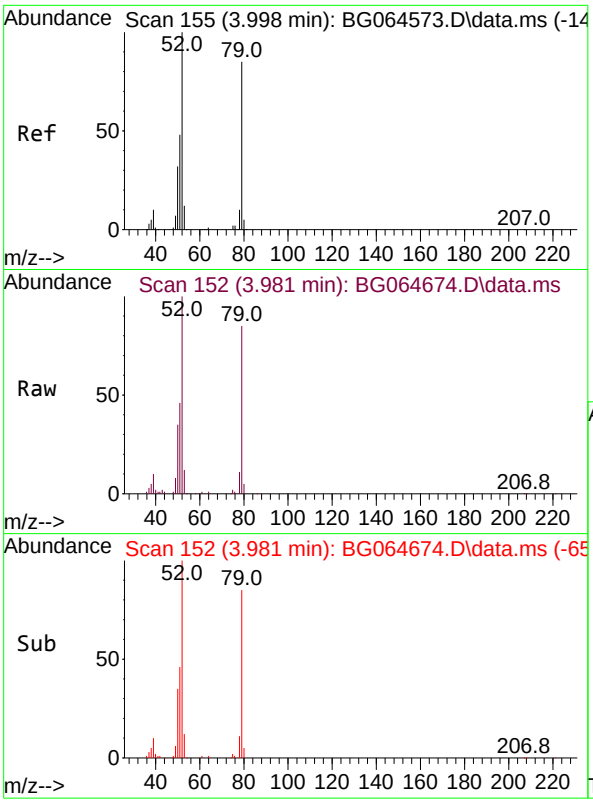


#2
1,4-Dioxane
Concen: 30.274 ng
RT: 3.570 min Scan# 82
Delta R.T. -0.017 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion: 88 Resp: 25132

Ion	Ratio	Lower	Upper
88	100		
58	113.9	92.4	138.6
43	43.4	33.0	49.6

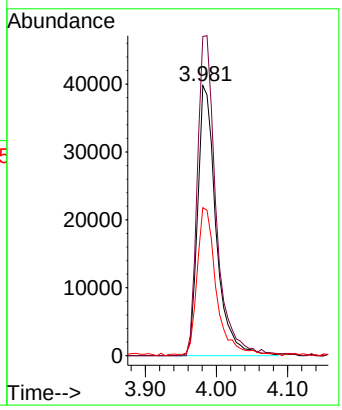




#3
Pyridine
Concen: 28.579 ng
RT: 3.981 min Scan# 1
Delta R.T. -0.017 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion: 79 Resp: 7124

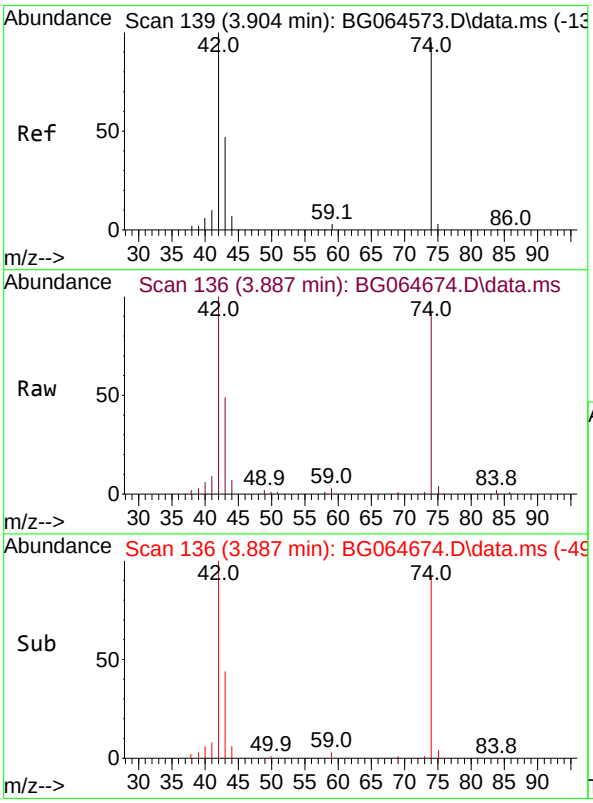
Ion	Ratio	Lower	Upper
79	100		
52	118.2	94.2	141.2
51	54.8	46.1	69.1



Instrument :
BNA_G
ClientSampleId :
PB170206BS

Manual Integrations
APPROVED

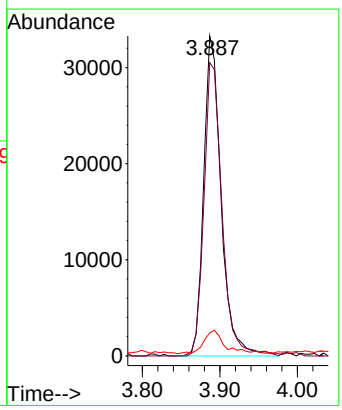
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

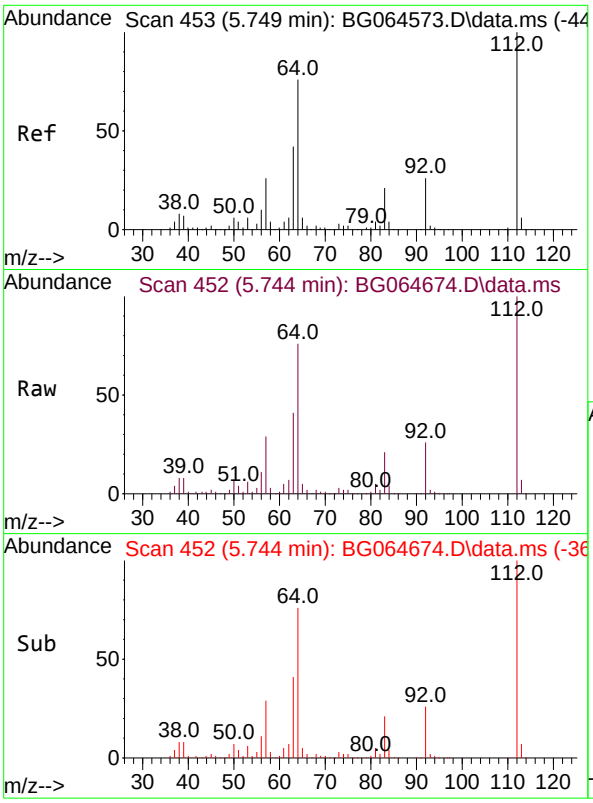


#4
n-Nitrosodimethylamine
Concen: 38.830 ng
RT: 3.887 min Scan# 136
Delta R.T. -0.018 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion: 42 Resp: 51911

Ion	Ratio	Lower	Upper
42	100		
74	91.6	76.1	114.1
44	7.2	6.3	9.5

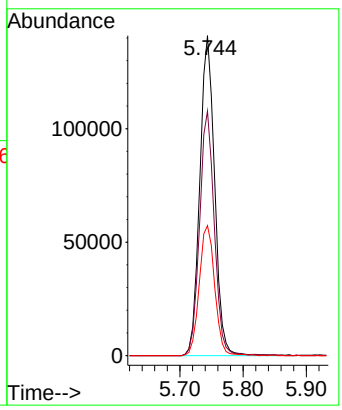




#5
2-Fluorophenol
Concen: 122.407 ng
RT: 5.744 min Scan# 4
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:112 Resp: 22952

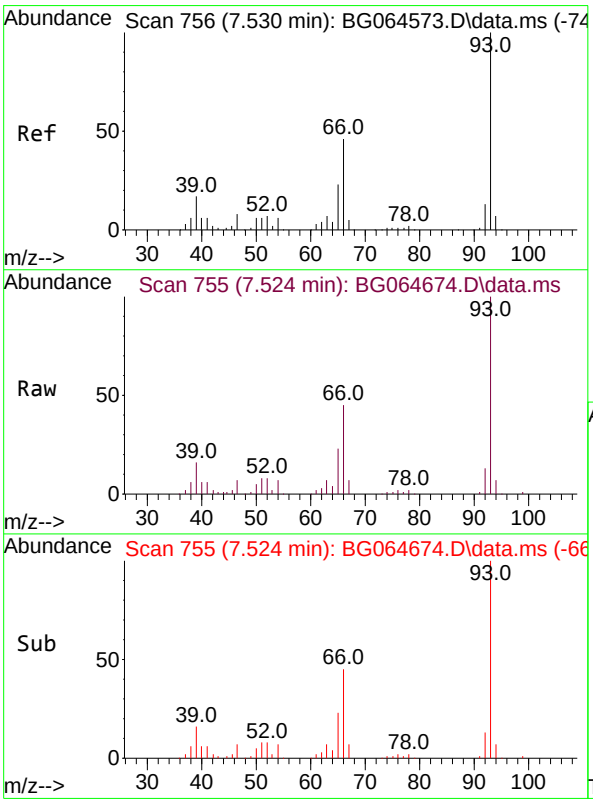
Ion	Ratio	Lower	Upper
112	100		
64	76.4	60.7	91.1
63	40.6	33.4	50.0



Instrument :
BNA_G
ClientSampleId :
PB170206BS

Manual Integrations
APPROVED

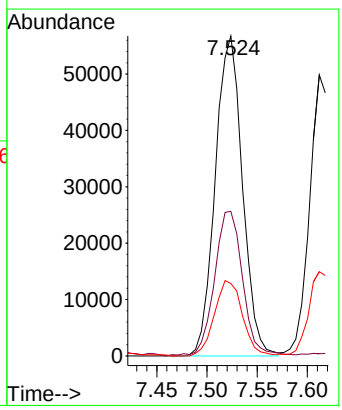
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

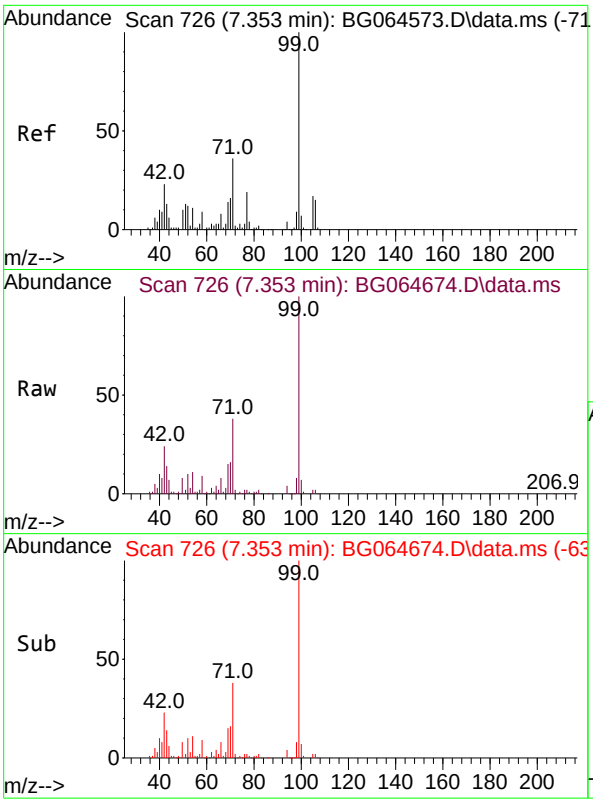


#6
Aniline
Concen: 30.540 ng
RT: 7.524 min Scan# 755
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion: 93 Resp: 106927

Ion	Ratio	Lower	Upper
93	100		
66	45.2	37.0	55.6
65	22.6	18.3	27.5

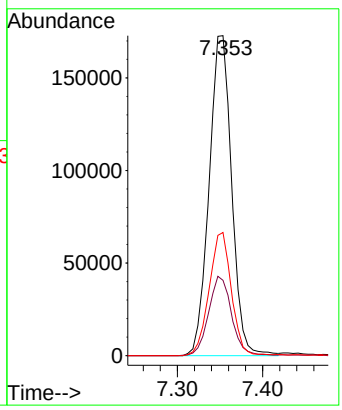




#7
Phenol-d6
Concen: 123.478 ng
RT: 7.353 min Scan# 7
Delta R.T. 0.000 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion: 99 Resp: 31770

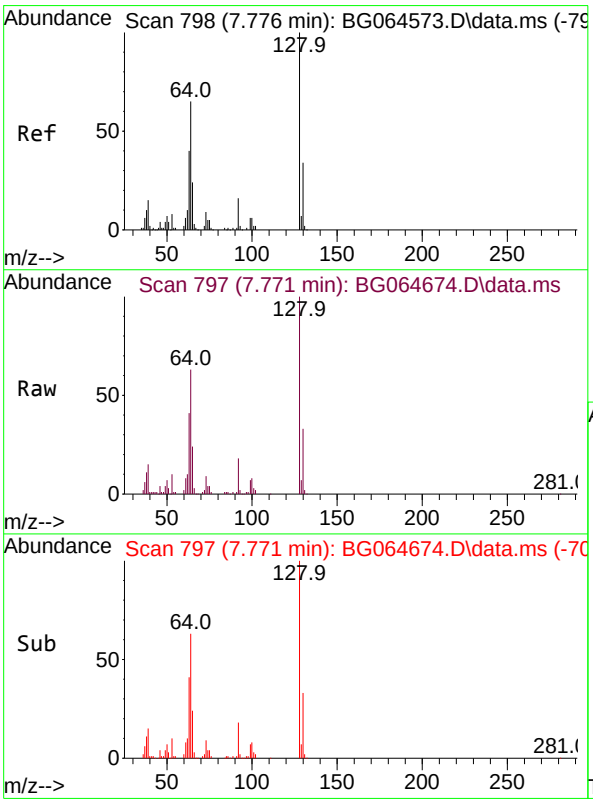
Ion	Ratio	Lower	Upper
99	100		
42	23.5	18.3	27.5
71	38.5	28.6	43.0



Instrument :
BNA_G
ClientSampleId :
PB170206BS

Manual Integrations
APPROVED

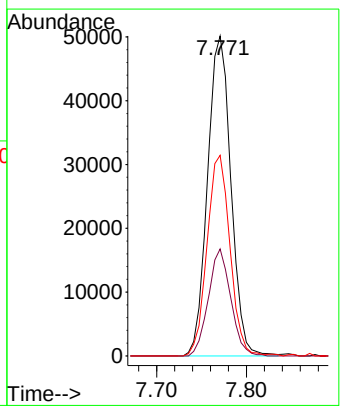
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

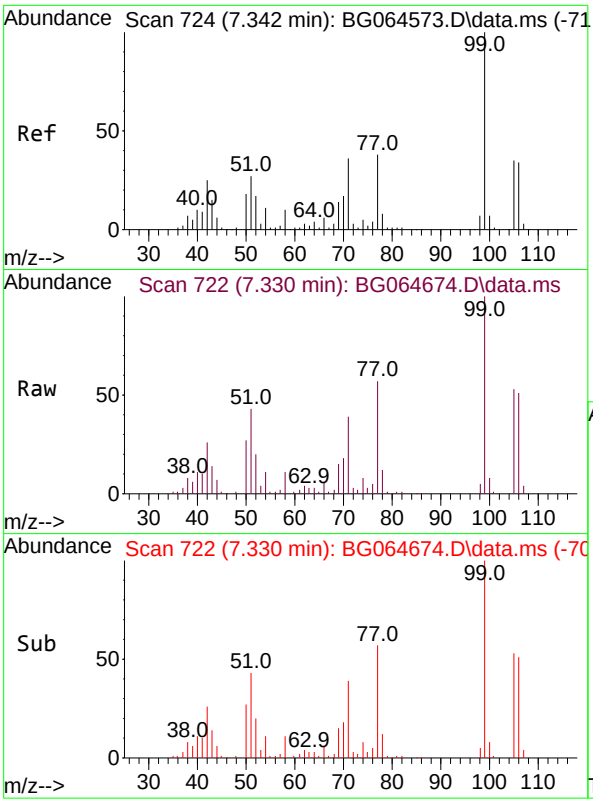


#8
2-Chlorophenol
Concen: 46.315 ng
RT: 7.771 min Scan# 797
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:128 Resp: 90900

Ion	Ratio	Lower	Upper
128	100		
130	33.4	13.5	53.5
64	62.7	45.2	85.2

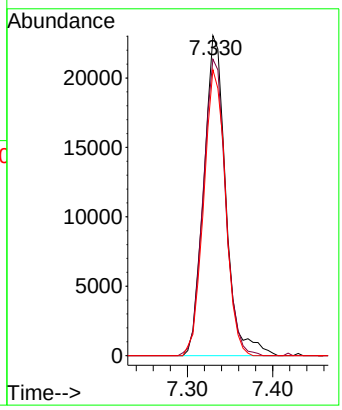




#9
Benzaldehyde
Concen: 29.523 ng
RT: 7.330 min Scan# 7
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion: 77 Resp: 4147

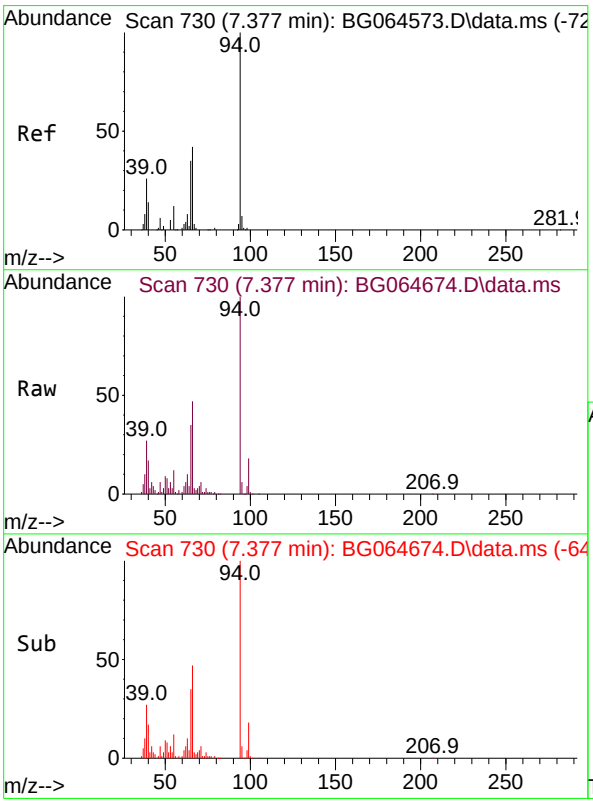
Ion	Ratio	Lower	Upper
77	100		
105	92.6	72.9	112.9
106	89.3	70.8	110.8



Instrument :
BNA_G
ClientSampleId :
PB170206BS

Manual Integrations
APPROVED

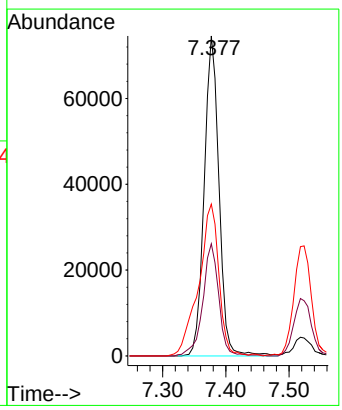
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

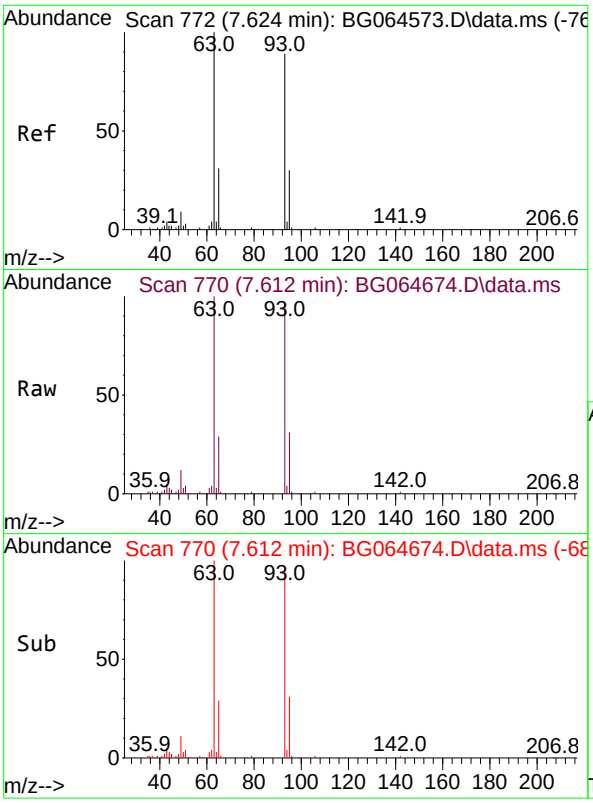


#10
Phenol
Concen: 42.563 ng
RT: 7.377 min Scan# 730
Delta R.T. 0.000 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion: 94 Resp: 121112

Ion	Ratio	Lower	Upper
94	100		
65	35.0	15.8	55.8
66	47.4	24.0	64.0

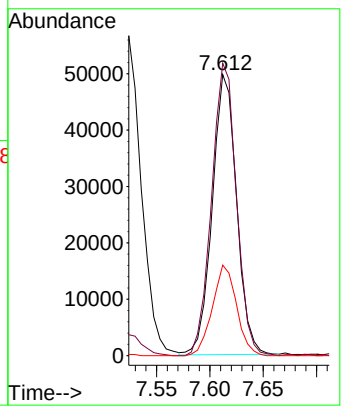




#11
bis(2-Chloroethyl)ether
Concen: 37.792 ng
RT: 7.612 min Scan# 7
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion: 93 Resp: 7906

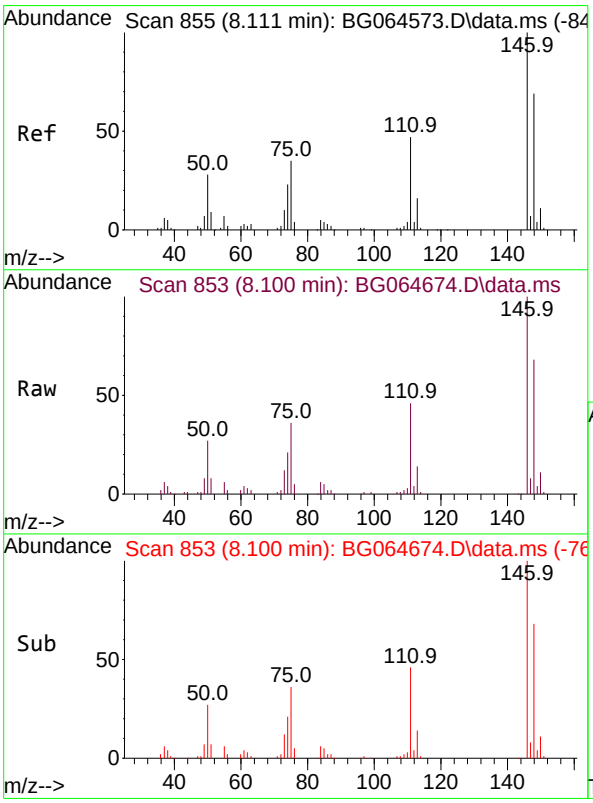
Ion	Ratio	Lower	Upper
93	100		
63	104.0	91.3	131.3
95	32.2	13.3	53.3



Instrument :
BNA_G
ClientSampleId :
PB170206BS

Manual Integrations
APPROVED

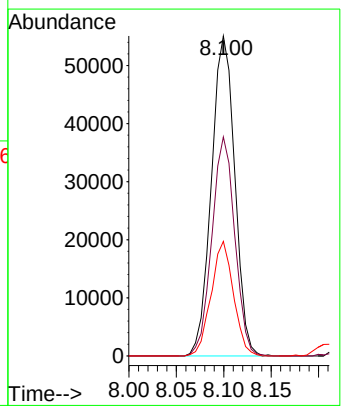
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

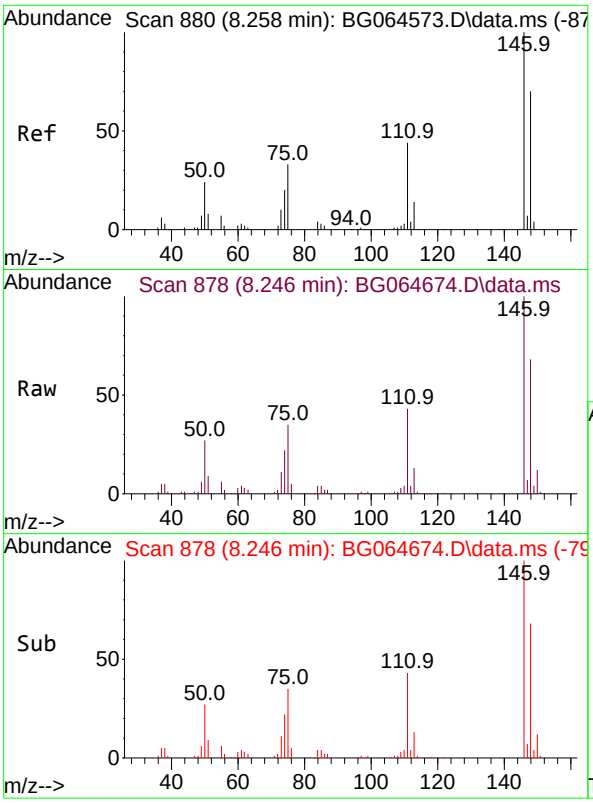


#12
1,3-Dichlorobenzene
Concen: 41.819 ng
RT: 8.100 min Scan# 853
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:146 Resp: 94465

Ion	Ratio	Lower	Upper
146	100		
148	68.4	55.3	82.9
75	35.8	28.2	42.2

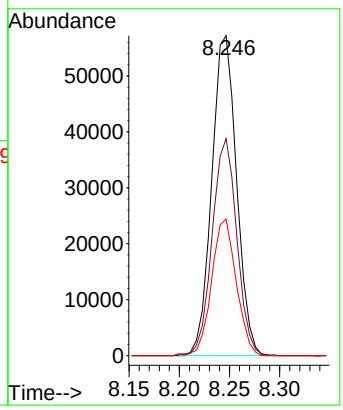




#13
1,4-Dichlorobenzene
Concen: 42.851 ng
RT: 8.246 min Scan# 8
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:146 Resp: 9842

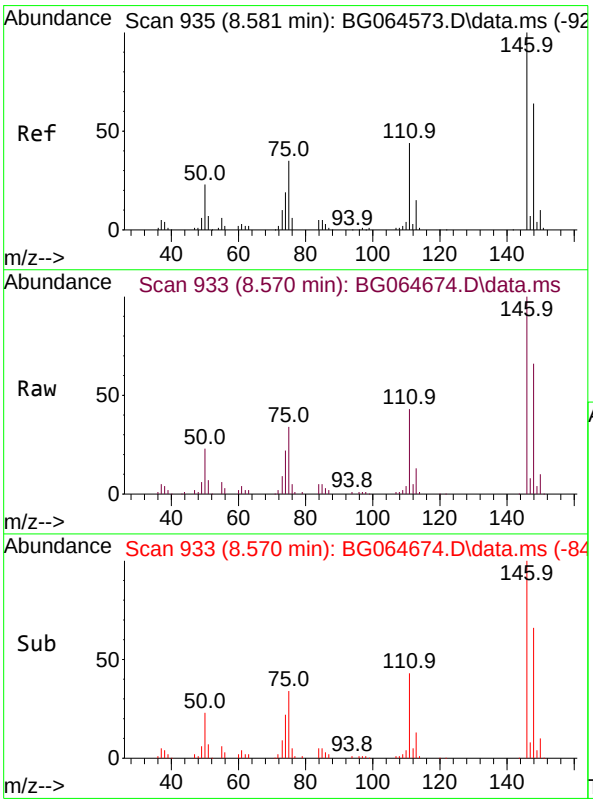
Ion	Ratio	Lower	Upper
146	100		
148	67.8	56.2	84.4
111	42.7	35.4	53.0



Instrument :
BNA_G
ClientSampleId :
PB170206BS

Manual Integrations
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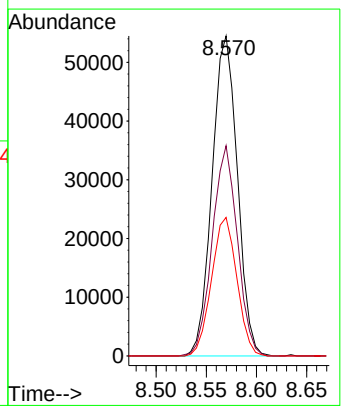
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

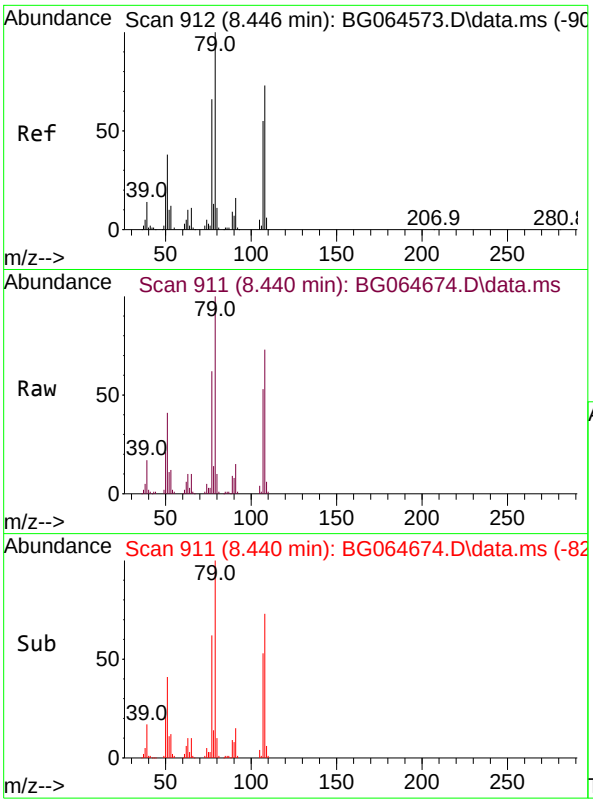


#14
1,2-Dichlorobenzene
Concen: 43.150 ng
RT: 8.570 min Scan# 933
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:146 Resp: 95596

Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.5	77.3
111	43.3	35.0	52.6

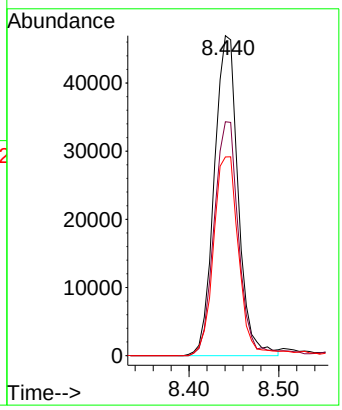




#15
Benzyl Alcohol
Concen: 40.882 ng
RT: 8.440 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion: 79 Resp: 8674

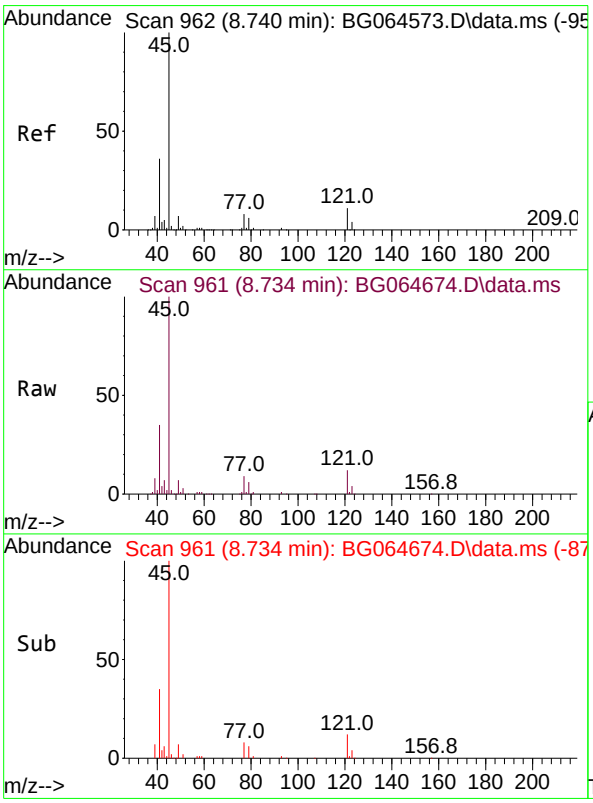
Ion	Ratio	Lower	Upper
79	100		
108	73.1	58.1	87.1
77	62.1	52.8	79.2



Instrument :
BNA_G
ClientSampleId :
PB170206BS

Manual Integrations
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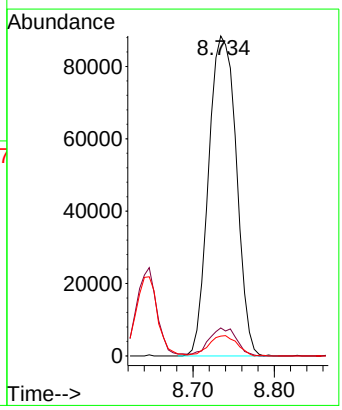
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

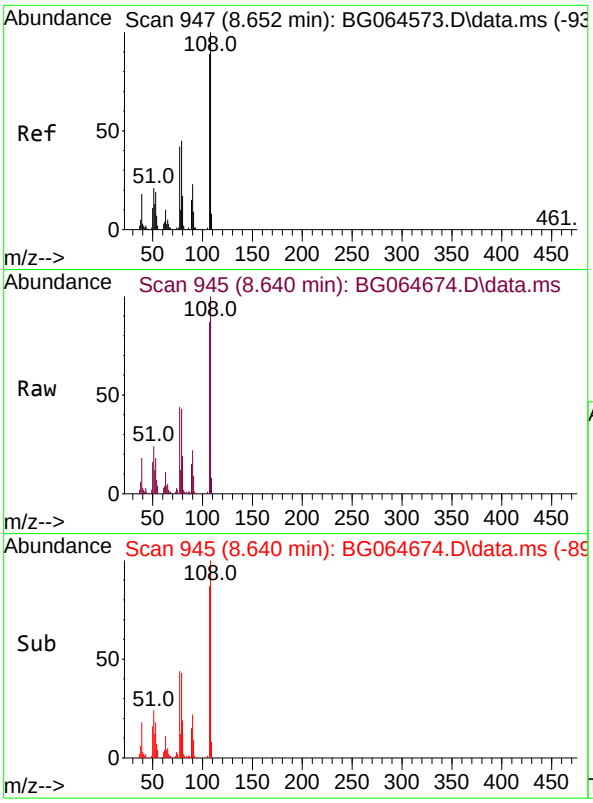


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.209 ng
RT: 8.734 min Scan# 961
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion: 45 Resp: 209680

Ion	Ratio	Lower	Upper
45	100		
77	8.7	0.0	28.5
79	6.2	0.0	25.6

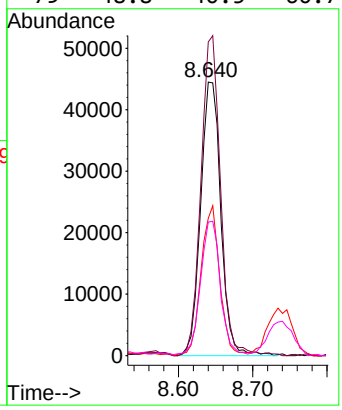




#17
2-Methylphenol
Concen: 44.559 ng
RT: 8.640 min Scan# 94
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:107 Resp: 8418

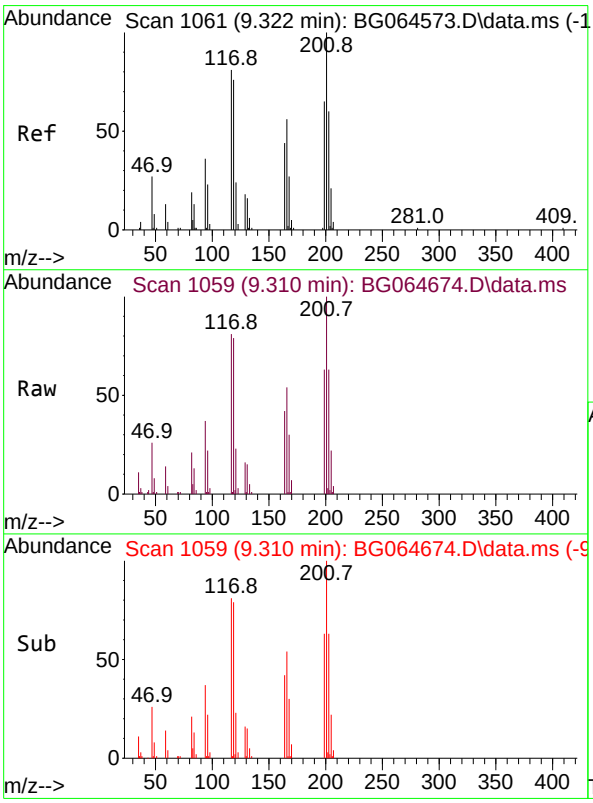
Ion	Ratio	Lower	Upper
107	100		
108	114.7	90.0	135.0
77	50.2	37.8	56.8
79	48.8	40.5	60.7



Instrument :
BNA_G
ClientSampleId :
PB170206BS

Manual Integrations
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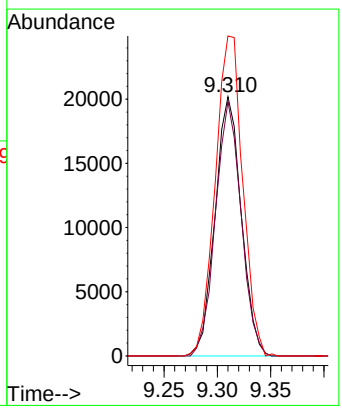
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

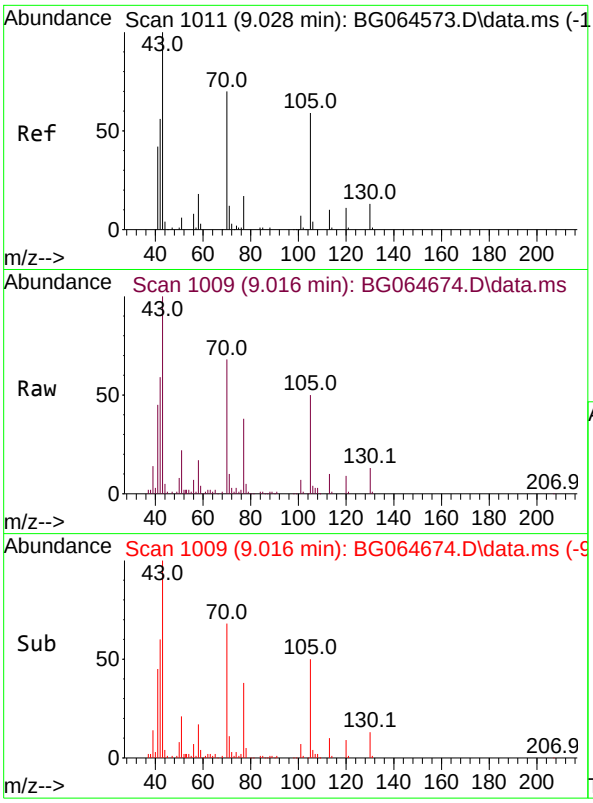


#18
Hexachloroethane
Concen: 42.865 ng
RT: 9.310 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:117 Resp: 34551

Ion	Ratio	Lower	Upper
117	100		
119	98.1	75.4	113.2
201	123.5	99.2	148.8

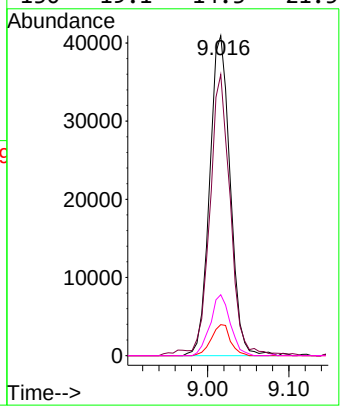




#19
n-Nitroso-di-n-propylamine
Concen: 40.398 ng
RT: 9.016 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion: 70 Resp: 7183

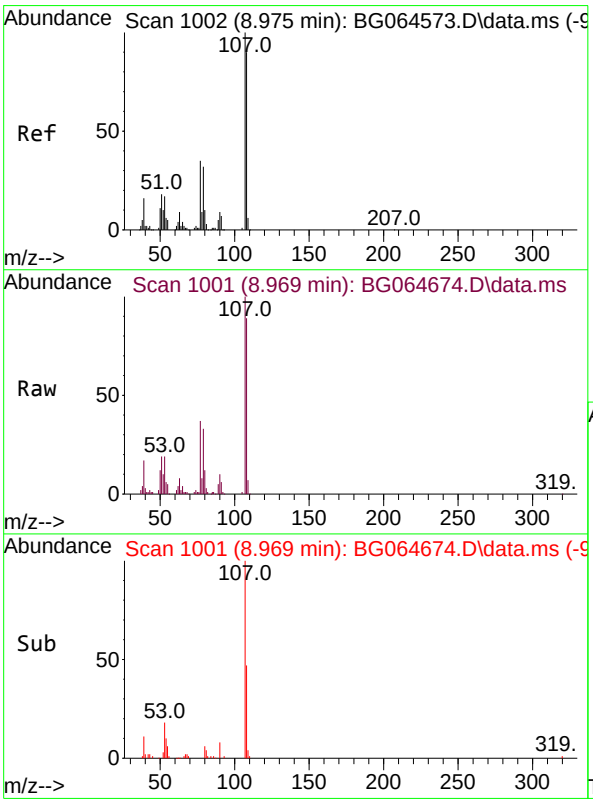
Ion	Ratio	Lower	Upper
70	100		
42	87.8	65.2	97.8
101	9.7	7.9	11.9
130	19.1	14.3	21.5



Instrument :
BNA_G
ClientSampleId :
PB170206BS

Manual Integrations
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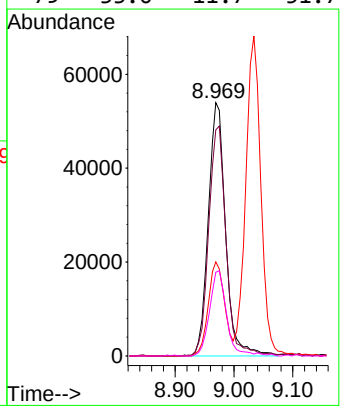
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

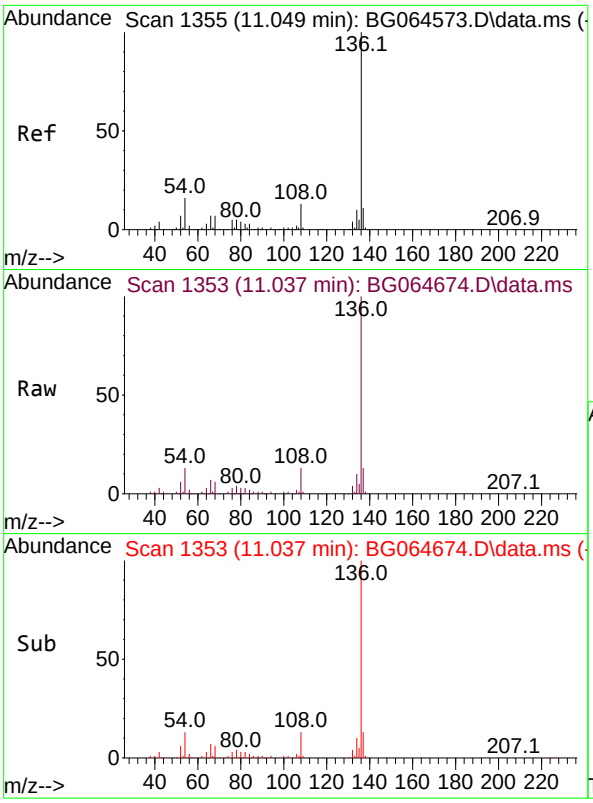


#20
3+4-Methylphenols
Concen: 41.413 ng
RT: 8.969 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:107 Resp: 110029

Ion	Ratio	Lower	Upper
107	100		
108	89.3	70.3	110.3
77	37.2	14.6	54.6
79	33.0	11.7	51.7

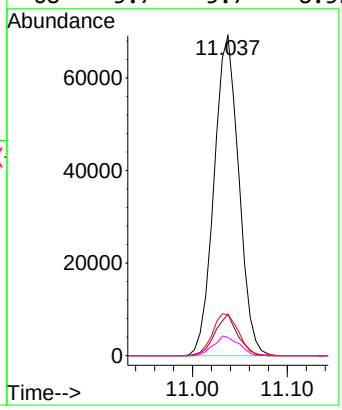




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.037 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:136 Resp: 12536

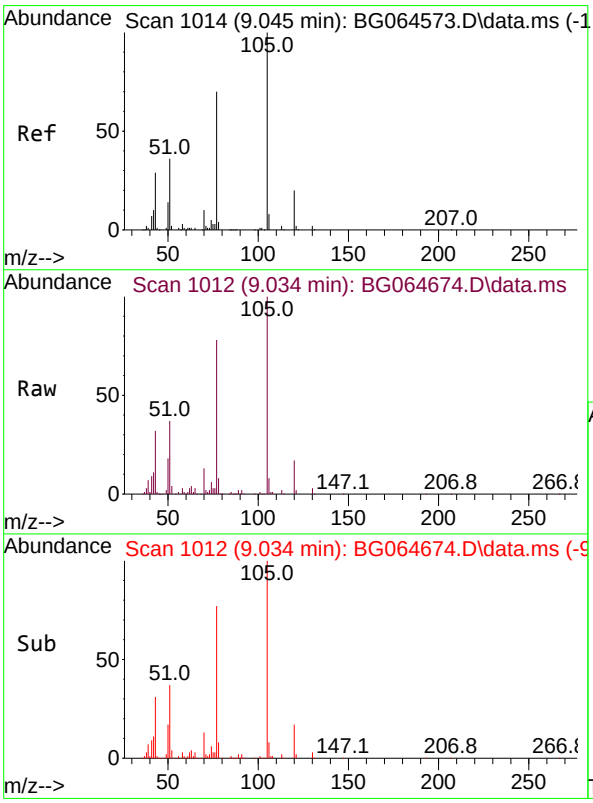
Ion	Ratio	Lower	Upper
136	100		
137	12.9	9.2	13.8
54	12.8	12.6	19.0
68	5.7	5.7	8.5#



Instrument :
BNA_G
ClientSampleId :
PB170206BS

Manual Integrations APPROVED

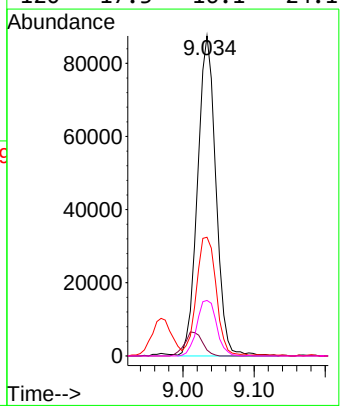
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

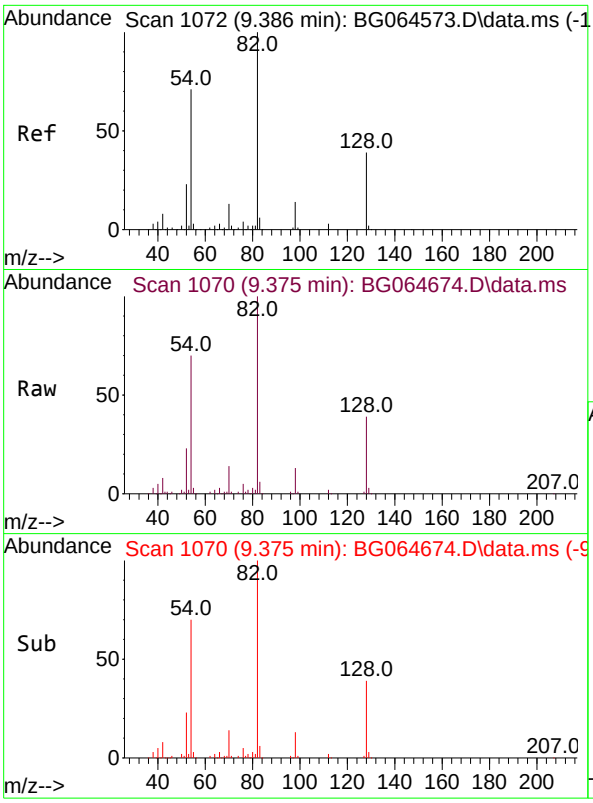


#22
Acetophenone
Concen: 45.532 ng
RT: 9.034 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:105 Resp: 156041

Ion	Ratio	Lower	Upper
105	100		
71	1.8	1.5	2.3
51	37.1	33.7	50.5
120	17.3	16.1	24.1

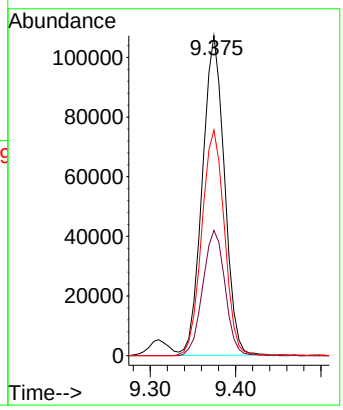




#23
Nitrobenzene-d5
Concen: 92.397 ng
RT: 9.375 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion: 82 Resp: 19286

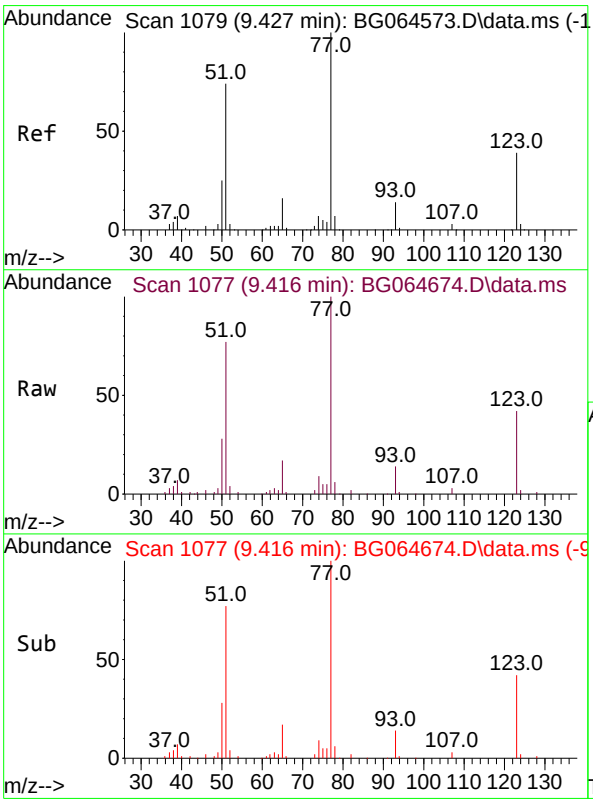
Ion	Ratio	Lower	Upper
82	100		
128	39.1	31.3	46.9
54	70.5	56.6	84.8



Instrument :
BNA_G
ClientSampleId :
PB170206BS

Manual Integrations
APPROVED

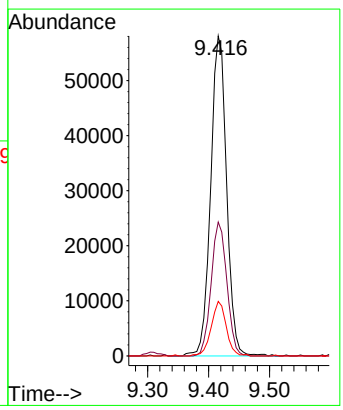
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

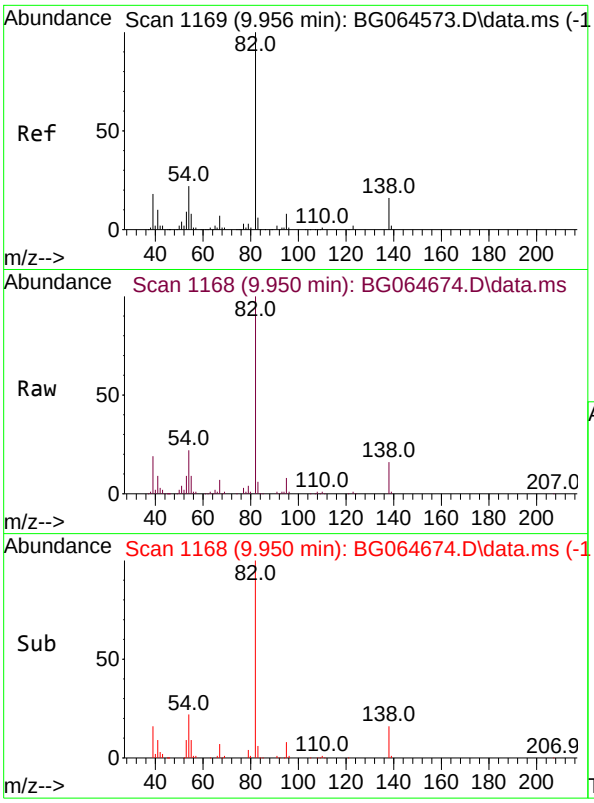


#24
Nitrobenzene
Concen: 46.460 ng
RT: 9.416 min Scan# 1077
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion: 77 Resp: 105476

Ion	Ratio	Lower	Upper
77	100		
123	41.9	31.0	46.6
65	17.0	12.7	19.1





#25
Isophorone
Concen: 39.924 ng
RT: 9.950 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

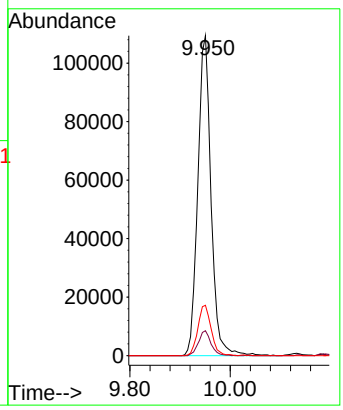
Tgt Ion: 82 Resp: 19996

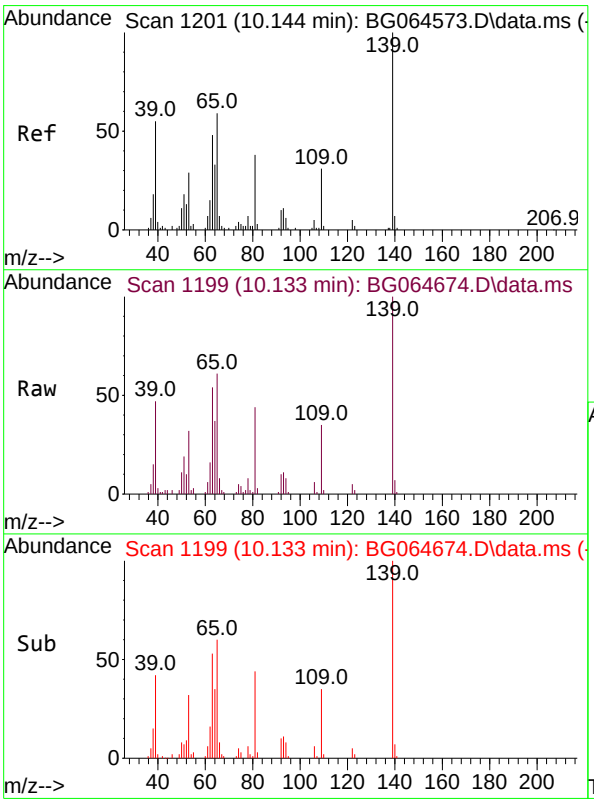
Ion	Ratio	Lower	Upper
82	100		
95	7.8	6.1	9.1
138	15.7	13.0	19.4

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

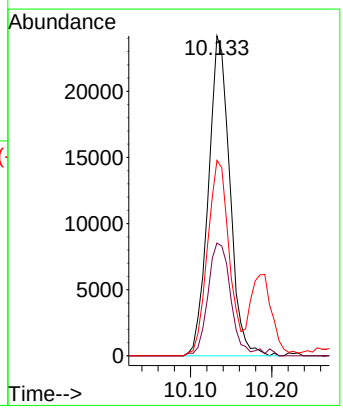


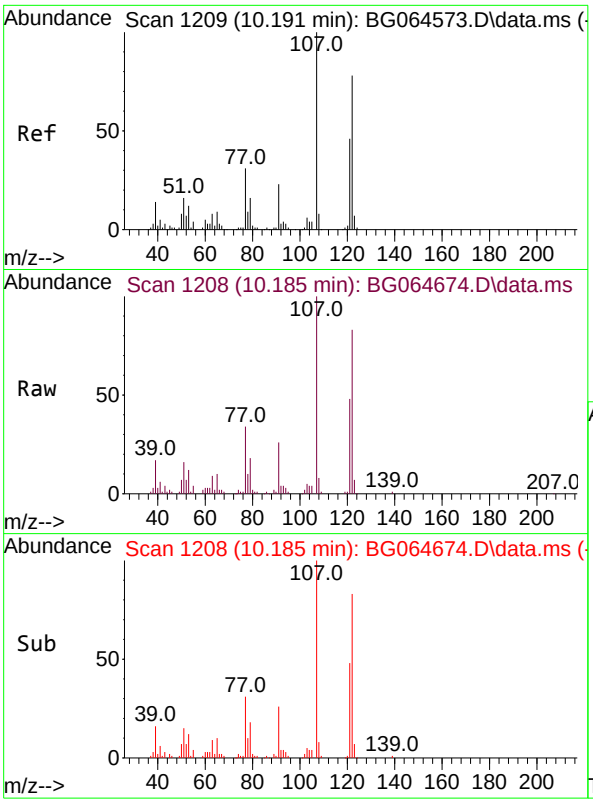


#26
2-Nitrophenol
Concen: 50.434 ng
RT: 10.133 min Scan# 1199
Delta R.T. -0.011 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:139 Resp: 44327

Ion	Ratio	Lower	Upper
139	100		
109	35.3	24.6	37.0
65	61.1	47.5	71.3

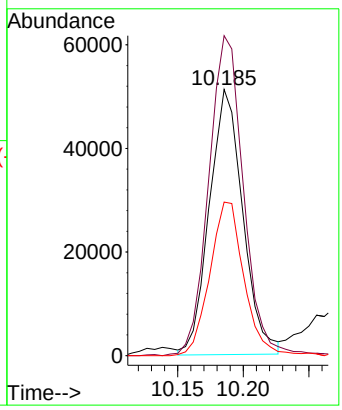




#27
2,4-Dimethylphenol
Concen: 48.798 ng
RT: 10.185 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:122 Resp: 9091

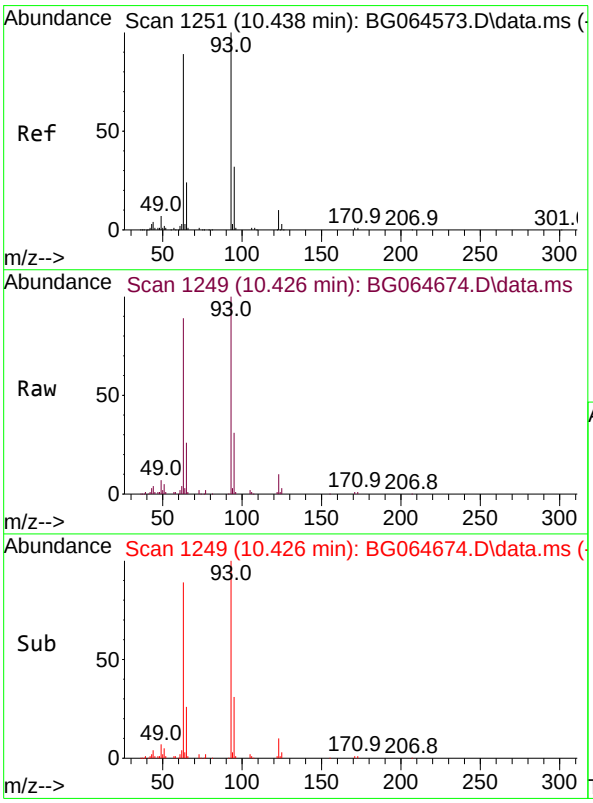
Ion	Ratio	Lower	Upper
122	100		
107	120.3	103.0	154.4
121	57.7	47.8	71.8



Instrument :
BNA_G
ClientSampleId :
PB170206BS

Manual Integrations
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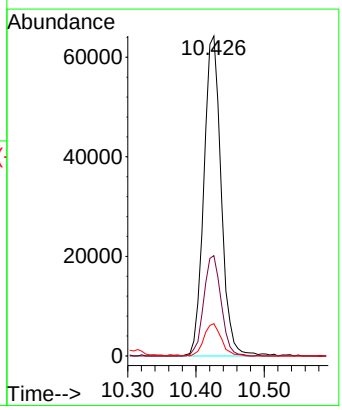
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

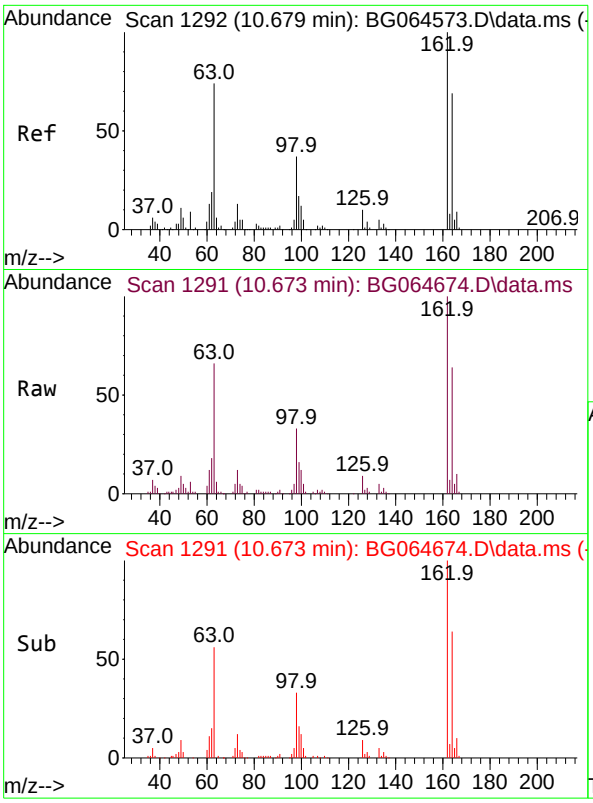


#28
bis(2-Chloroethoxy)methane
Concen: 39.715 ng
RT: 10.426 min Scan# 1249
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion: 93 Resp: 113256

Ion	Ratio	Lower	Upper
93	100		
95	31.3	25.4	38.2
123	10.1	8.4	12.6

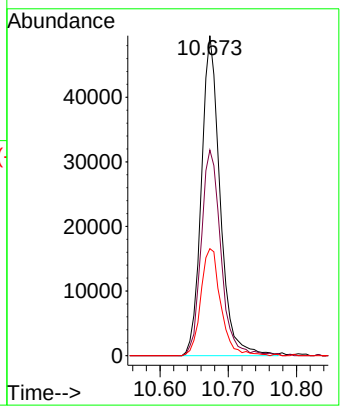




#29
2,4-Dichlorophenol
Concen: 47.109 ng
RT: 10.673 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:162 Resp: 9445

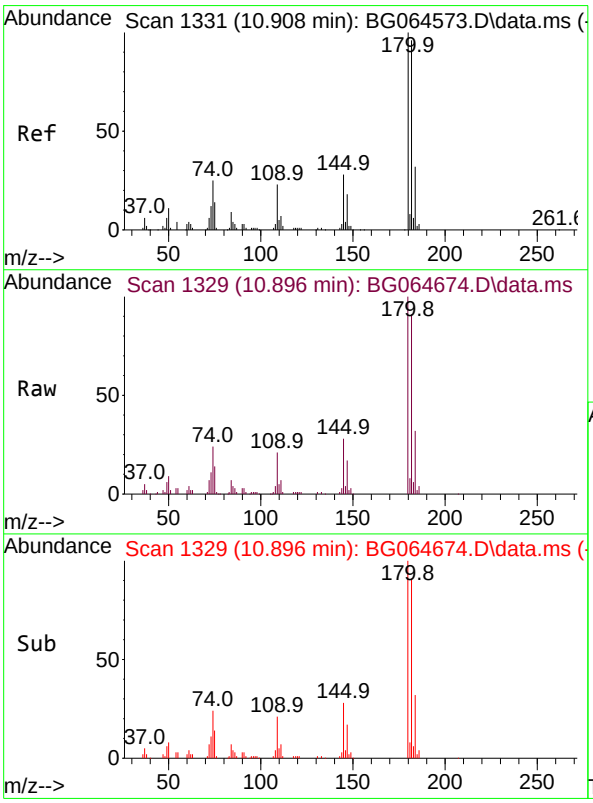
Ion	Ratio	Lower	Upper
162	100		
164	64.2	48.7	88.7
98	33.4	16.9	56.9



Instrument :
BNA_G
ClientSampleId :
PB170206BS

Manual Integrations
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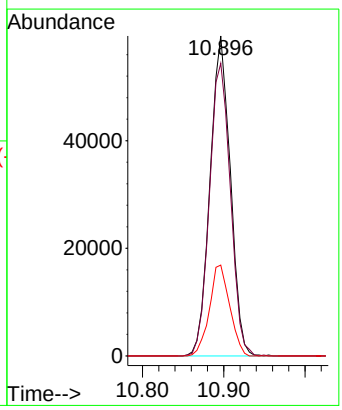
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

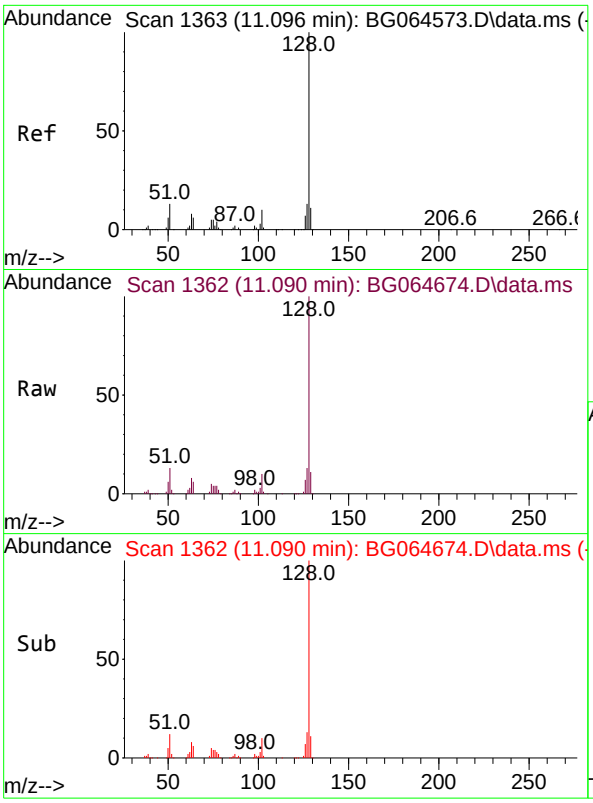


#30
1,2,4-Trichlorobenzene
Concen: 45.243 ng
RT: 10.896 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:180 Resp: 103068

Ion	Ratio	Lower	Upper
180	100		
182	91.4	76.9	115.3
145	28.4	22.1	33.1

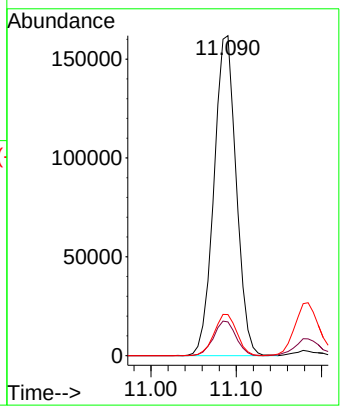




#31
Naphthalene
Concen: 42.166 ng
RT: 11.090 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:128 Resp: 29309

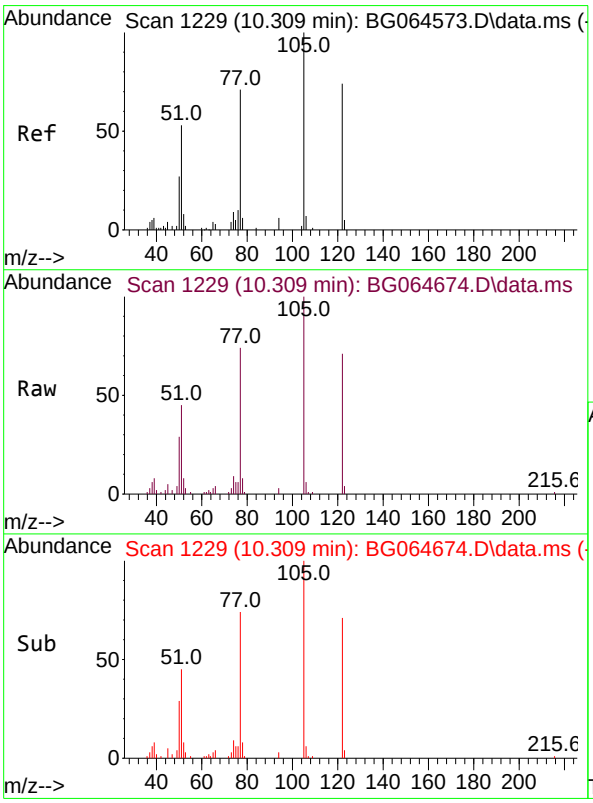
Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.8	13.2
127	12.8	10.6	15.8



Instrument :
BNA_G
ClientSampleId :
PB170206BS

Manual Integrations
APPROVED

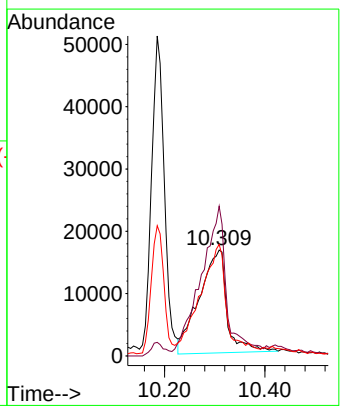
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

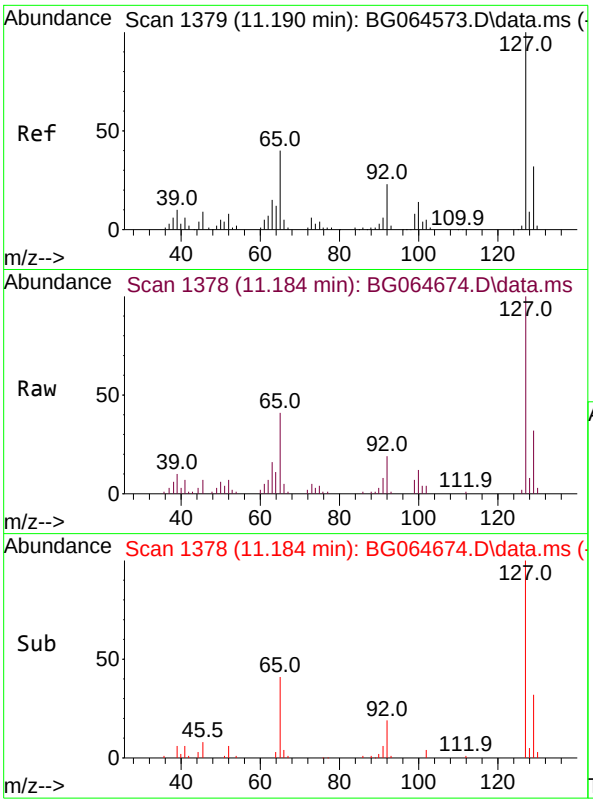


#32
Benzoic acid
Concen: 45.431 ng
RT: 10.309 min Scan# 1229
Delta R.T. -0.000 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:122 Resp: 63994

Ion	Ratio	Lower	Upper
122	100		
105	141.5	104.2	144.2
77	105.3	70.2	110.2

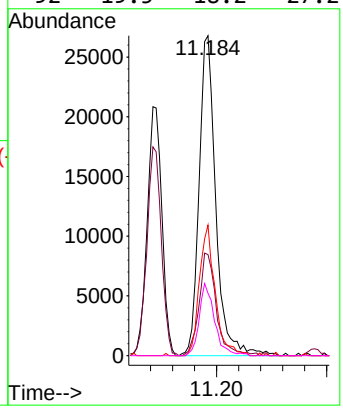




#33
4-Chloroaniline
Concen: 20.955 ng
RT: 11.184 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:127 Resp: 5661

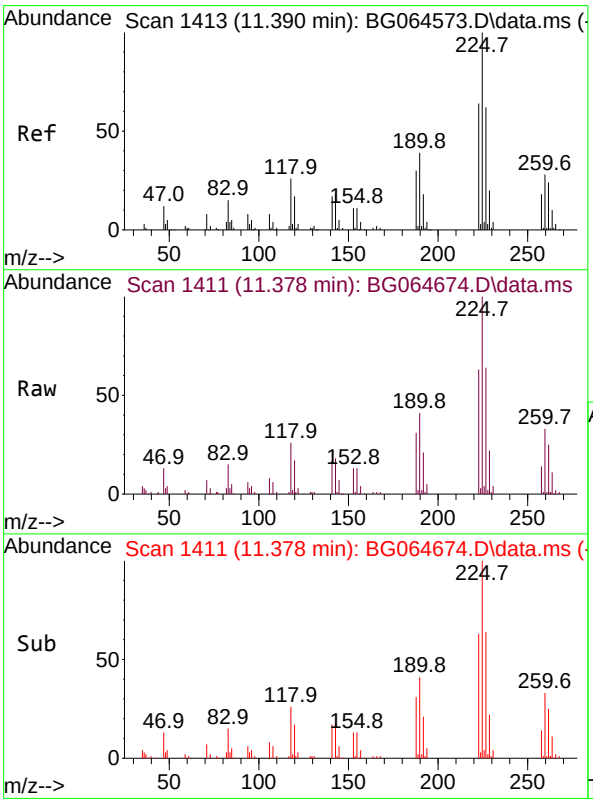
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.5	38.3
65	40.8	32.2	48.4
92	19.5	18.2	27.2



Instrument :
BNA_G
ClientSampleId :
PB170206BS

Manual Integrations
APPROVED

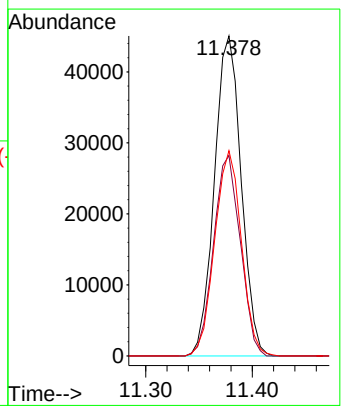
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

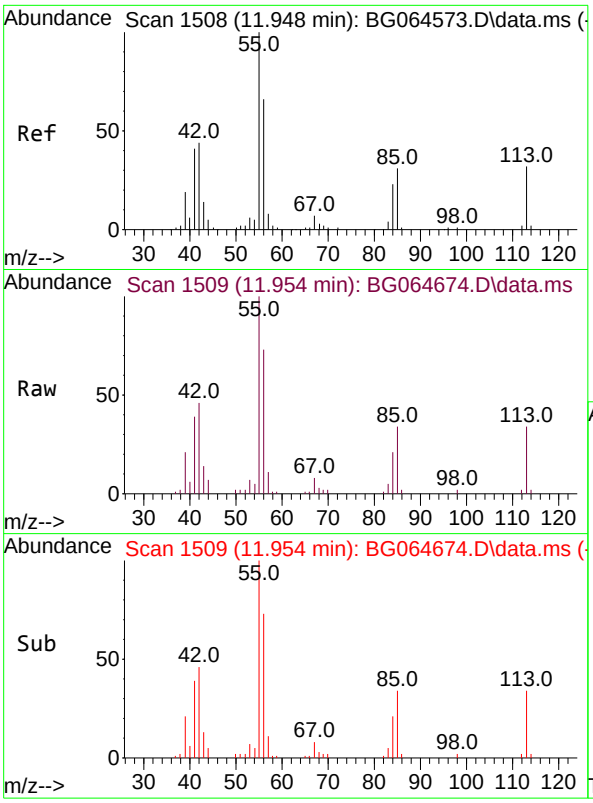


#34
Hexachlorobutadiene
Concen: 44.182 ng
RT: 11.378 min Scan# 1411
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:225 Resp: 78715

Ion	Ratio	Lower	Upper
225	100		
223	60.1	48.8	73.2
227	61.6	49.5	74.3

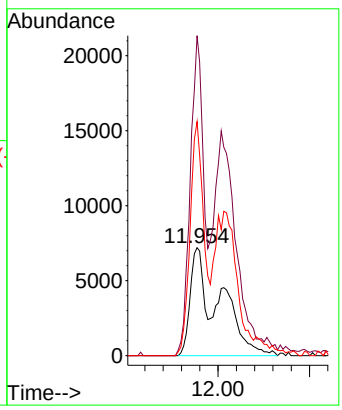




#35
Caprolactam
Concen: 40.543 ng m
RT: 11.954 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:113 Resp: 3117

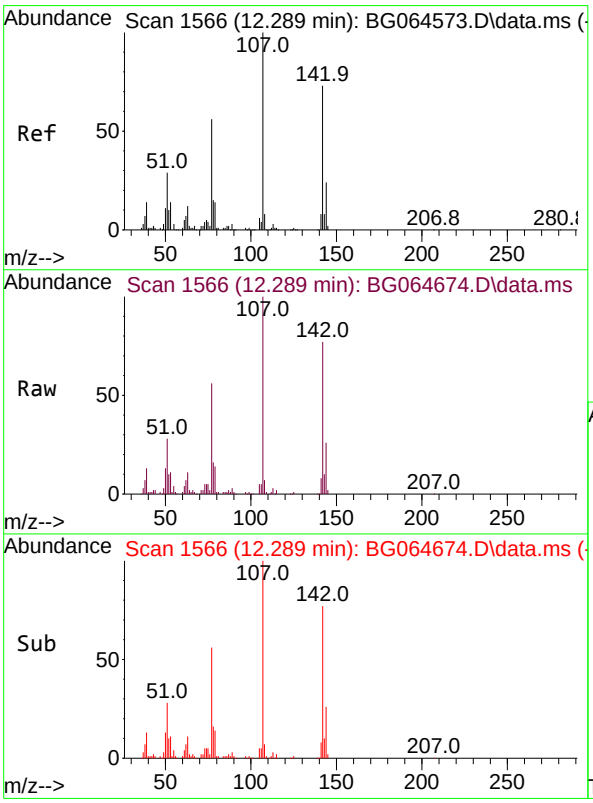
Ion	Ratio	Lower	Upper
113	100		
55	296.4	290.1	330.1
56	216.8	183.8	223.8



Instrument :
BNA_G
ClientSampleId :
PB170206BS

Manual Integrations
APPROVED

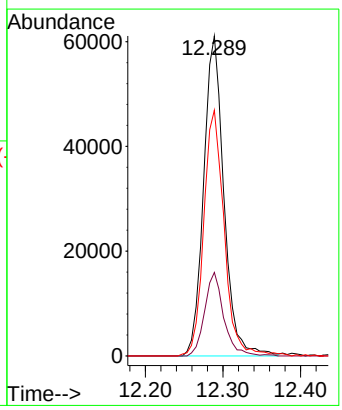
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

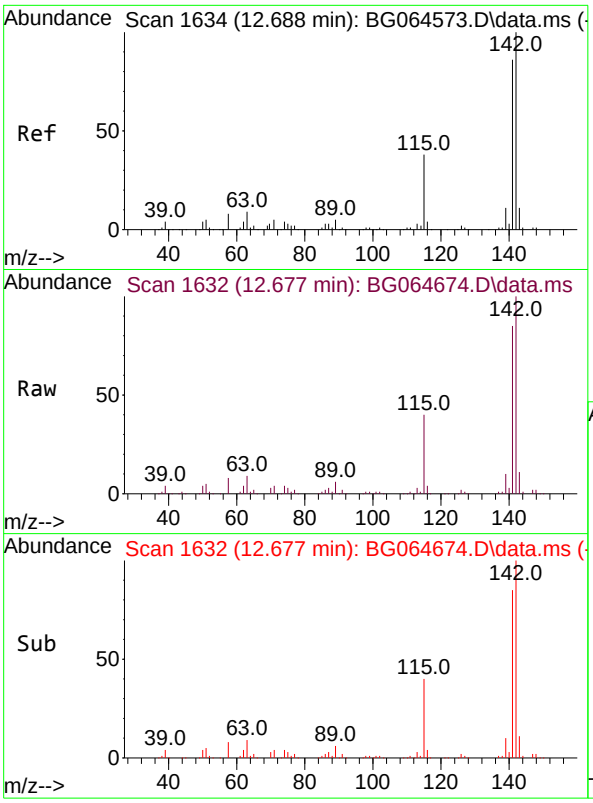


#36
4-Chloro-3-methylphenol
Concen: 45.960 ng
RT: 12.289 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:107 Resp: 110767

Ion	Ratio	Lower	Upper
107	100		
144	26.1	19.1	28.7
142	76.8	58.6	87.8

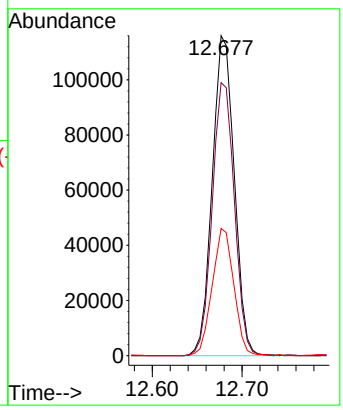




#37
2-Methylnaphthalene
Concen: 38.860 ng
RT: 12.677 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:142 Resp: 19831

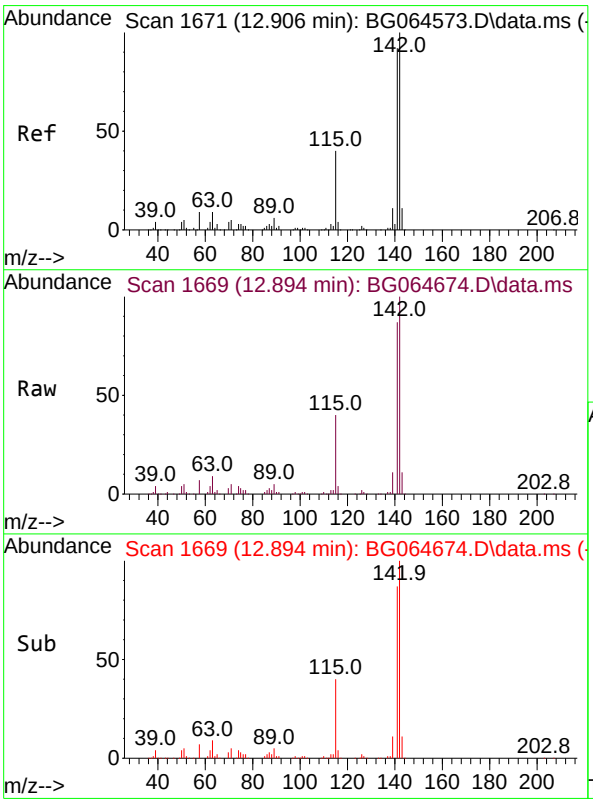
Ion	Ratio	Lower	Upper
142	100		
141	85.3	68.9	103.3
115	39.7	30.6	46.0



Instrument :
BNA_G
ClientSampleId :
PB170206BS

Manual Integrations
APPROVED

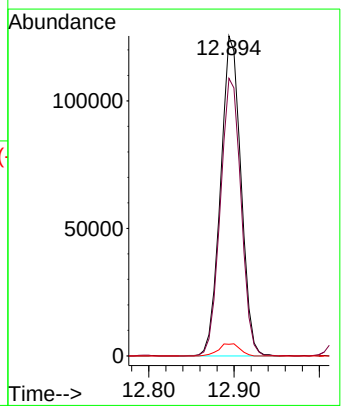
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

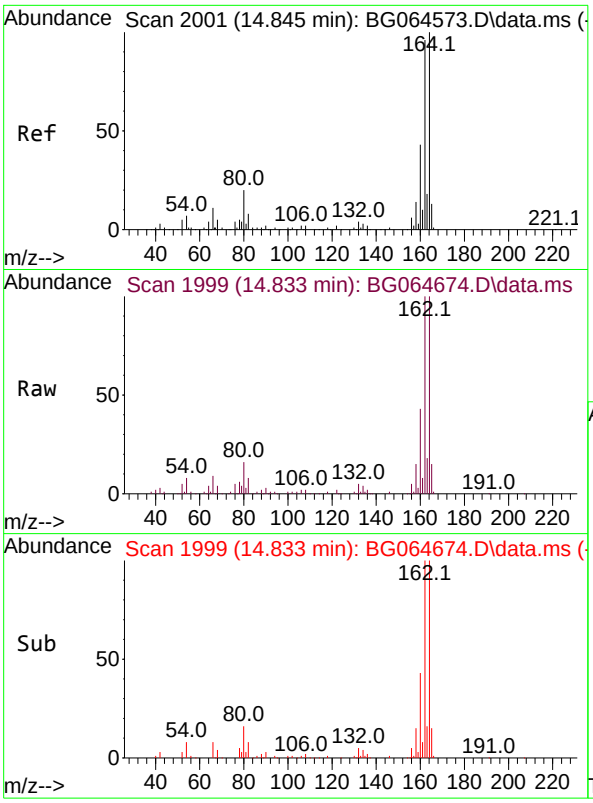


#38
1-Methylnaphthalene
Concen: 41.091 ng
RT: 12.894 min Scan# 1669
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:142 Resp: 207592

Ion	Ratio	Lower	Upper
142	100		
141	86.7	73.3	109.9
116	3.6	3.1	4.7

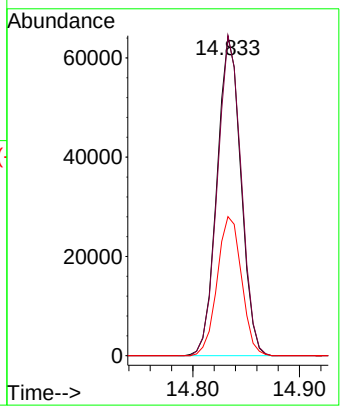




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.833 min Scan# 19
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:164 Resp: 10019

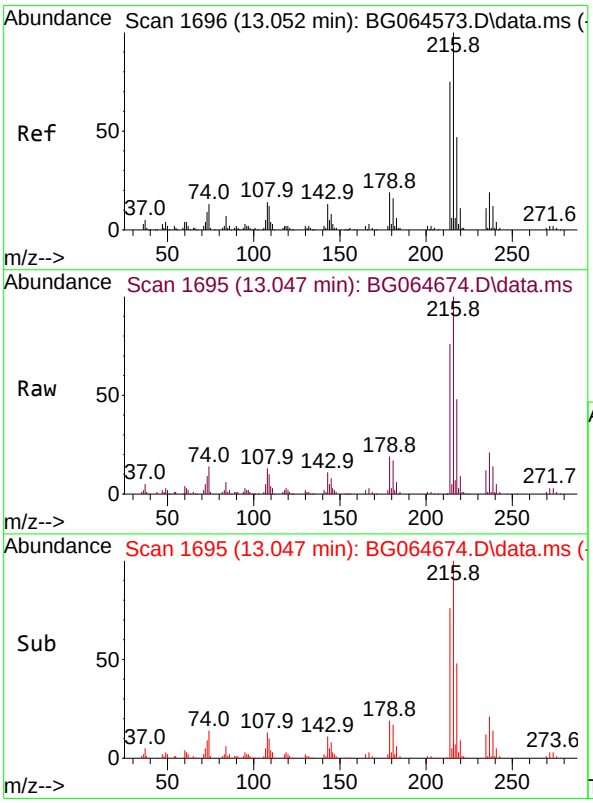
Ion	Ratio	Lower	Upper
164	100		
162	100.2	77.0	115.6
160	43.5	34.4	51.6



Instrument :
BNA_G
ClientSampleId :
PB170206BS

Manual Integrations
APPROVED

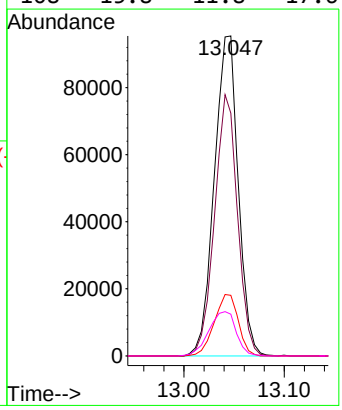
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

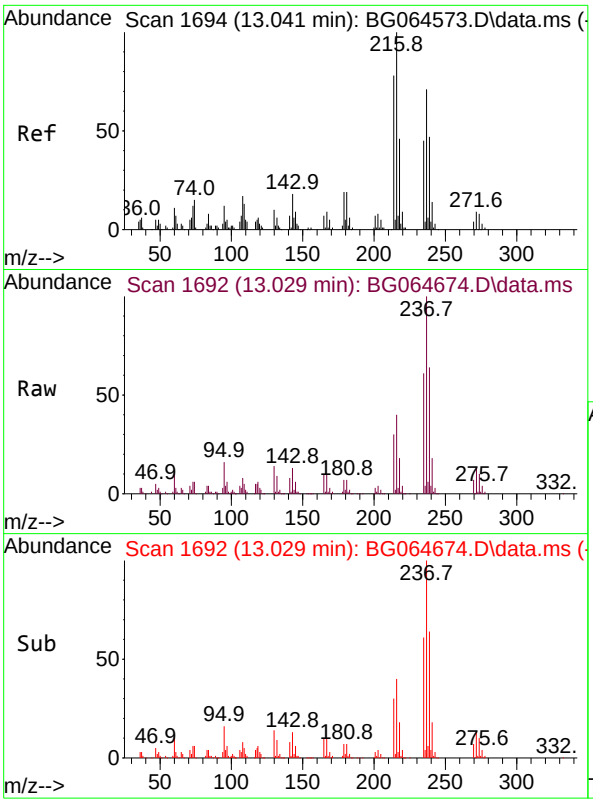


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.157 ng
RT: 13.047 min Scan# 1695
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:216 Resp: 158567

Ion	Ratio	Lower	Upper
216	100		
214	77.9	61.4	92.2
179	19.1	15.4	23.0
108	15.8	11.8	17.6

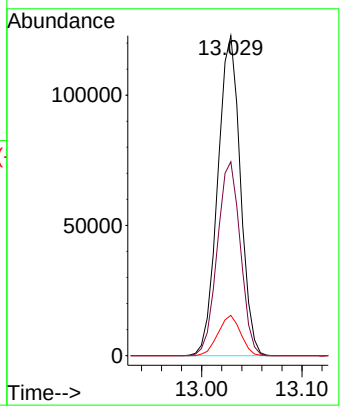




#41
Hexachlorocyclopentadiene
Concen: 127.184 ng
RT: 13.029 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:237 Resp: 19249

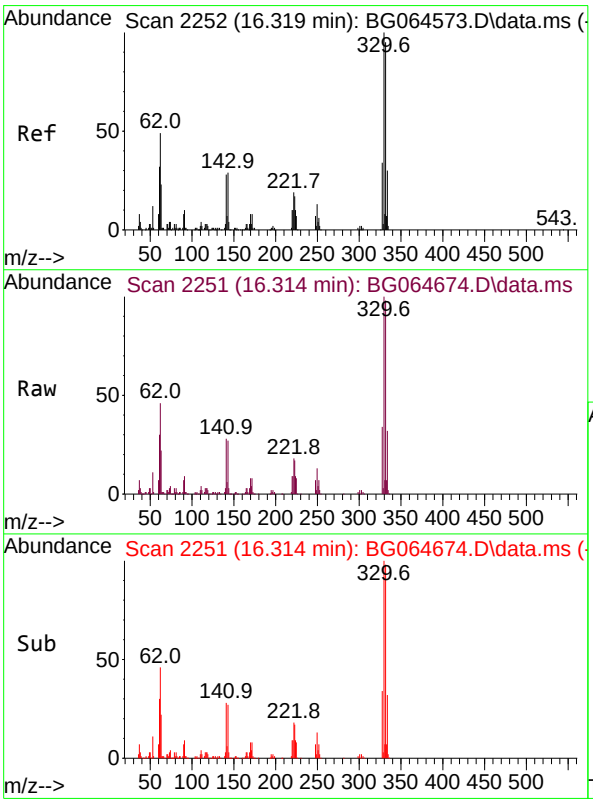
Ion	Ratio	Lower	Upper
237	100		
235	60.6	44.1	84.1
272	12.6	0.0	32.4



Instrument :
BNA_G
ClientSampleId :
PB170206BS

Manual Integrations
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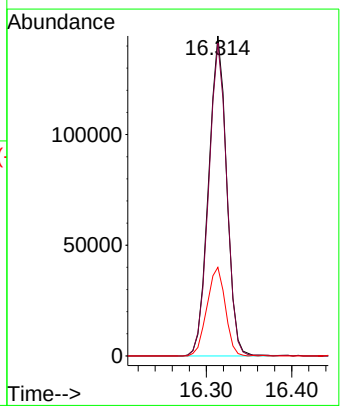
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

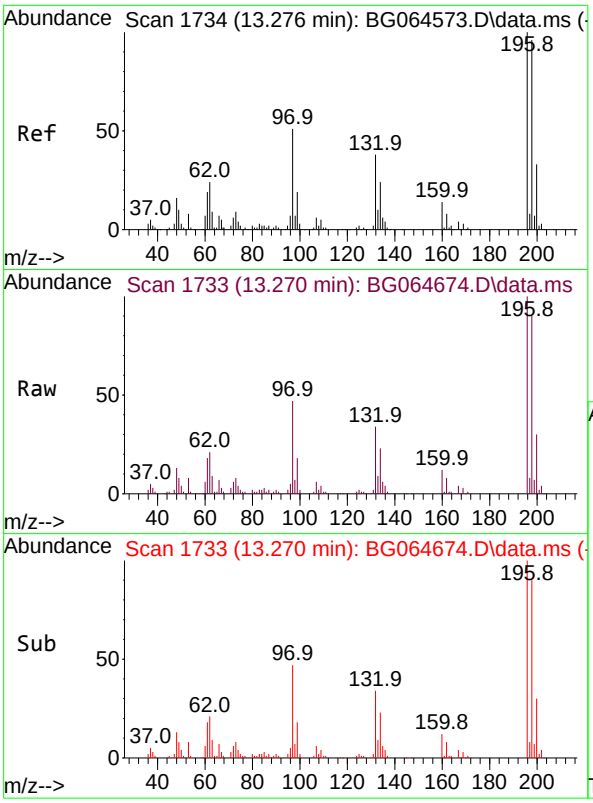


#42
2,4,6-Tribromophenol
Concen: 147.083 ng
RT: 16.314 min Scan# 2251
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:330 Resp: 212695

Ion	Ratio	Lower	Upper
330	100		
332	97.7	78.0	117.0
141	28.0	21.8	32.6

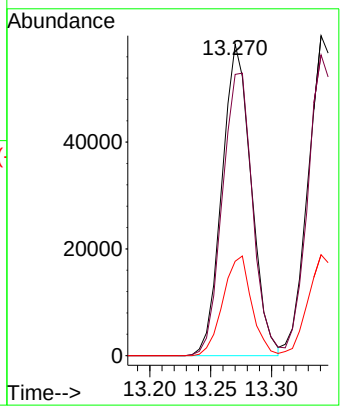




#43
2,4,6-Trichlorophenol
Concen: 50.723 ng
RT: 13.270 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:196 Resp: 9756

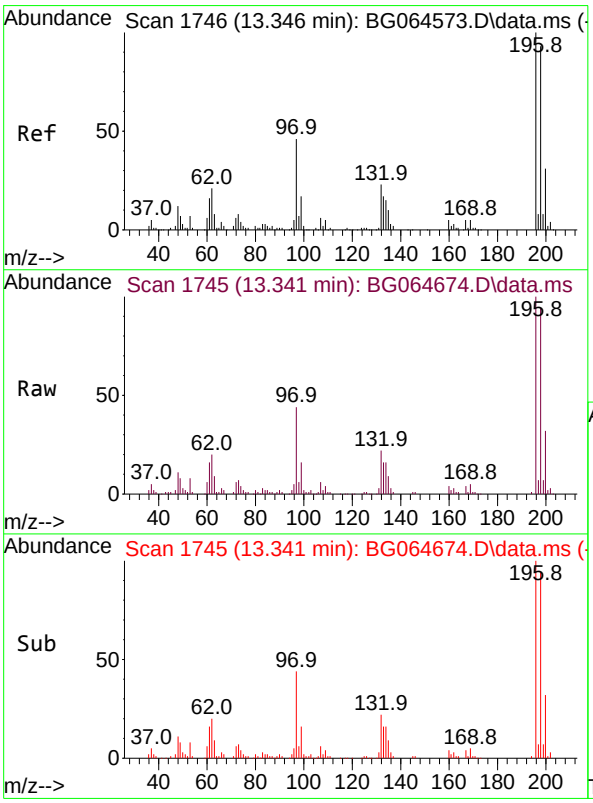
Ion	Ratio	Lower	Upper
196	100		
198	90.4	76.6	115.0
200	30.3	26.0	39.0



Instrument :
BNA_G
ClientSampleId :
PB170206BS

Manual Integrations
APPROVED

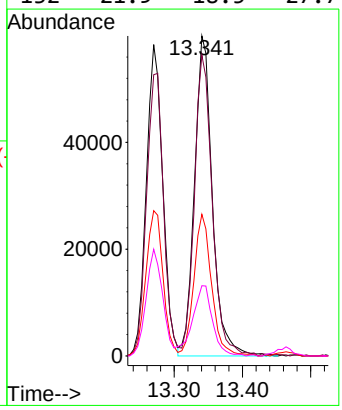
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

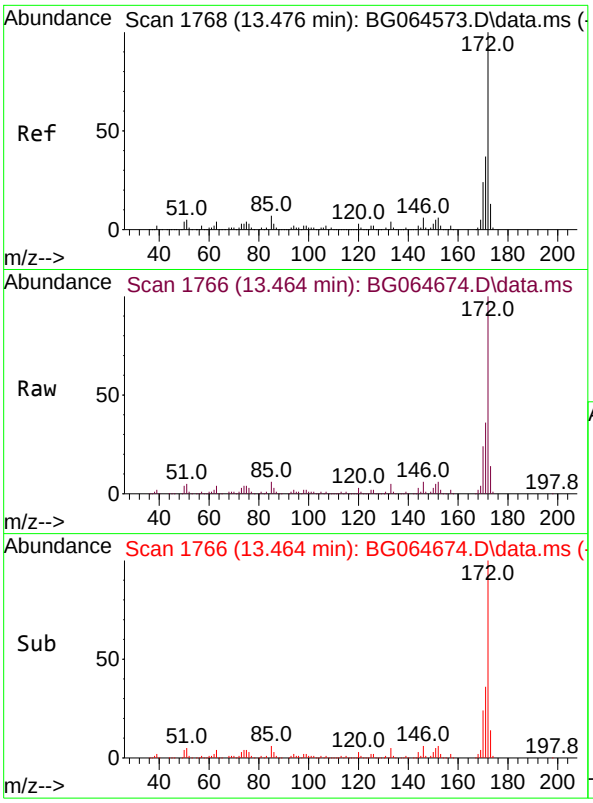


#44
2,4,5-Trichlorophenol
Concen: 49.329 ng
RT: 13.341 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:196 Resp: 109490

Ion	Ratio	Lower	Upper
196	100		
198	94.0	74.2	111.4
97	44.2	37.0	55.6
132	21.9	18.5	27.7

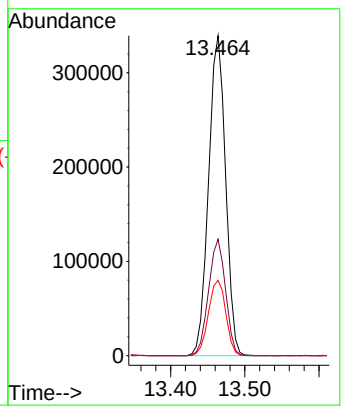




#45
2-Fluorobiphenyl
Concen: 81.640 ng
RT: 13.464 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:172 Resp: 539651

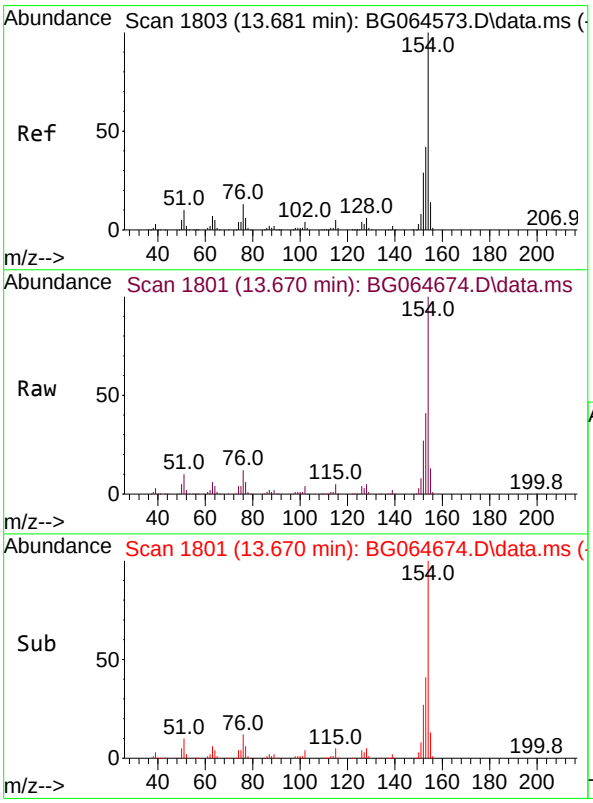
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	23.5	19.1	28.7



Instrument :
BNA_G
ClientSampleId :
PB170206BS

Manual Integrations
APPROVED

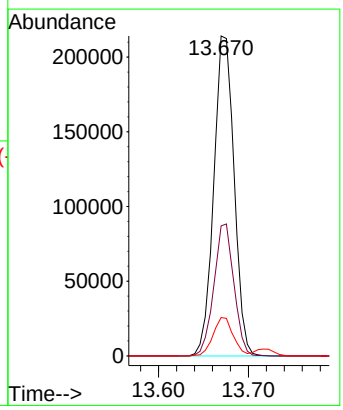
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

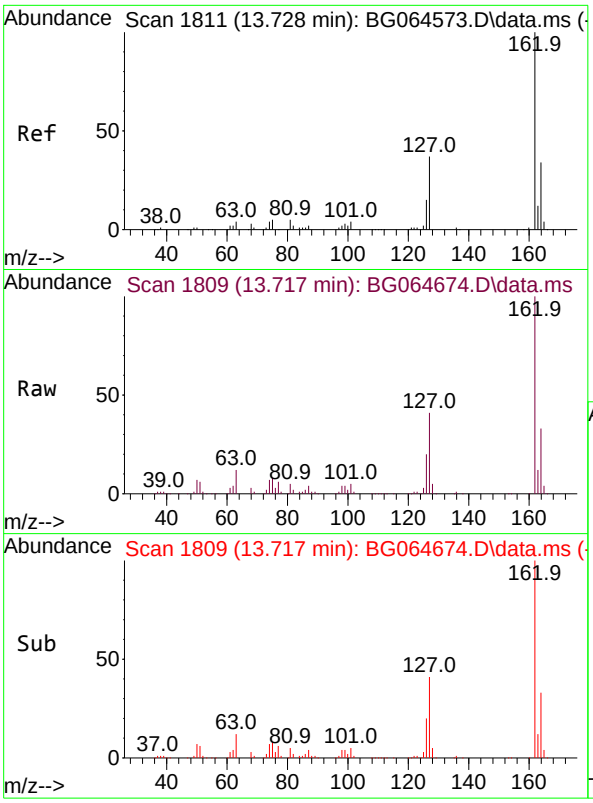


#46
1,1'-Biphenyl
Concen: 47.413 ng
RT: 13.670 min Scan# 1801
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:154 Resp: 337726

Ion	Ratio	Lower	Upper
154	100		
153	40.6	22.4	62.4
76	12.0	0.0	33.5

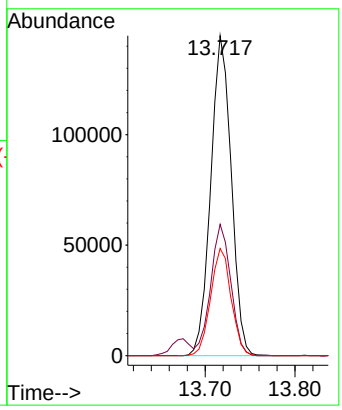




#47
2-Chloronaphthalene
Concen: 42.838 ng
RT: 13.717 min Scan# 18
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:162 Resp: 230325

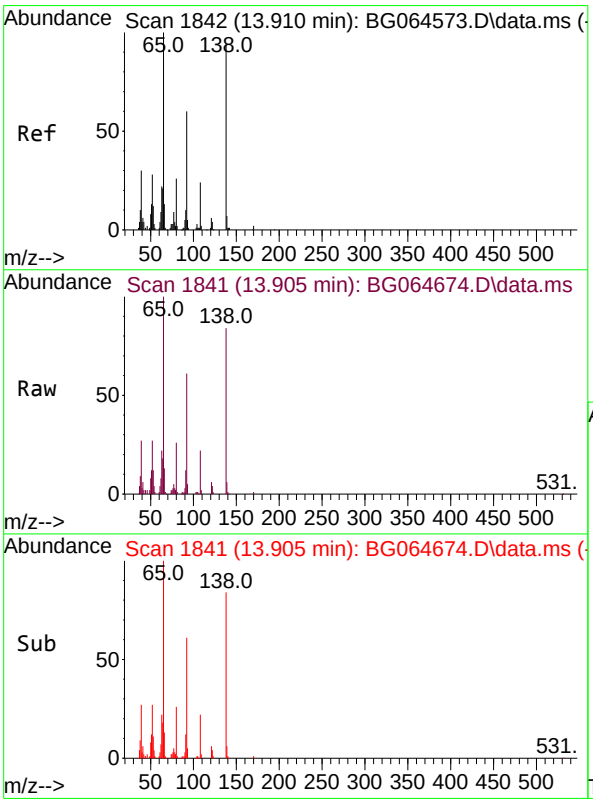
Ion	Ratio	Lower	Upper
162	100		
127	41.0	32.2	48.2
164	33.5	27.5	41.3



Instrument :
BNA_G
ClientSampleId :
PB170206BS

Manual Integrations
APPROVED

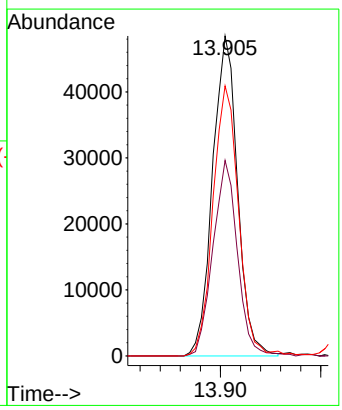
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

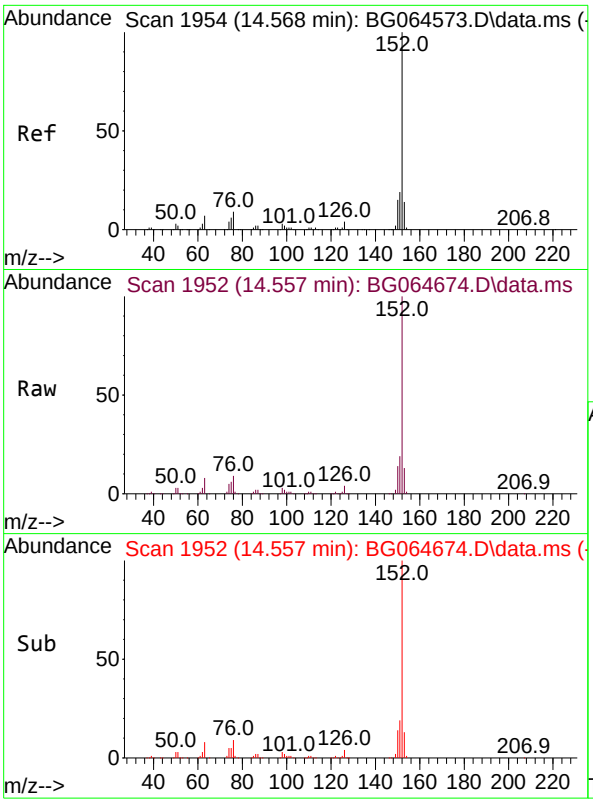


#48
2-Nitroaniline
Concen: 46.518 ng
RT: 13.905 min Scan# 1841
Delta R.T. -0.005 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion: 65 Resp: 83771

Ion	Ratio	Lower	Upper
65	100		
92	61.1	48.3	72.5
138	84.4	74.9	112.3

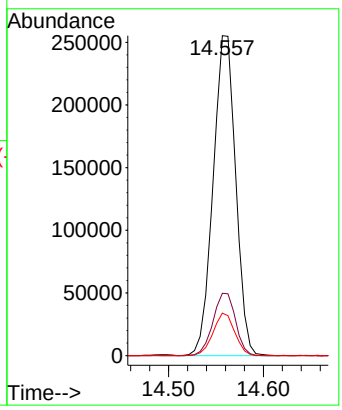




#49
Acenaphthylene
Concen: 49.761 ng
RT: 14.557 min Scan# 19
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:152 Resp: 42200

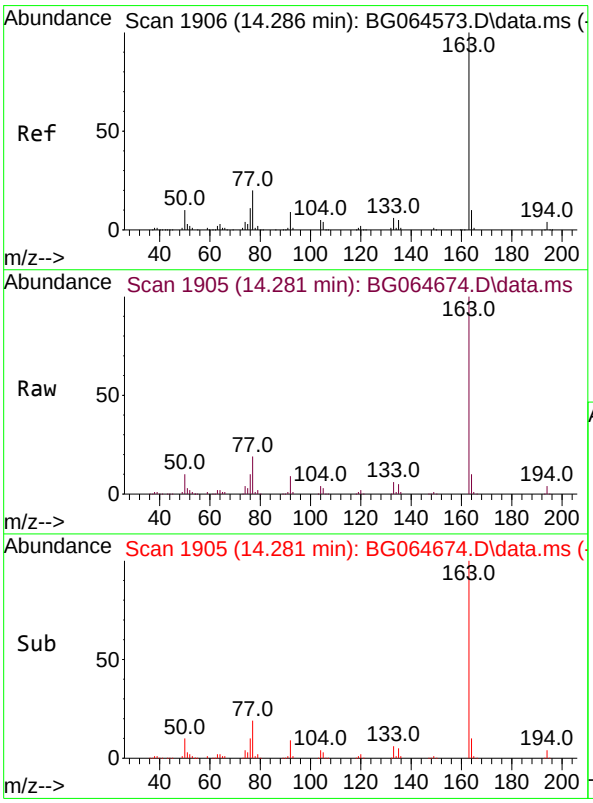
Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.2
153	13.3	11.0	16.4



Instrument :
BNA_G
ClientSampleId :
PB170206BS

Manual Integrations
APPROVED

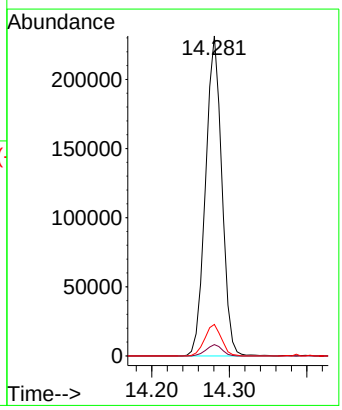
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

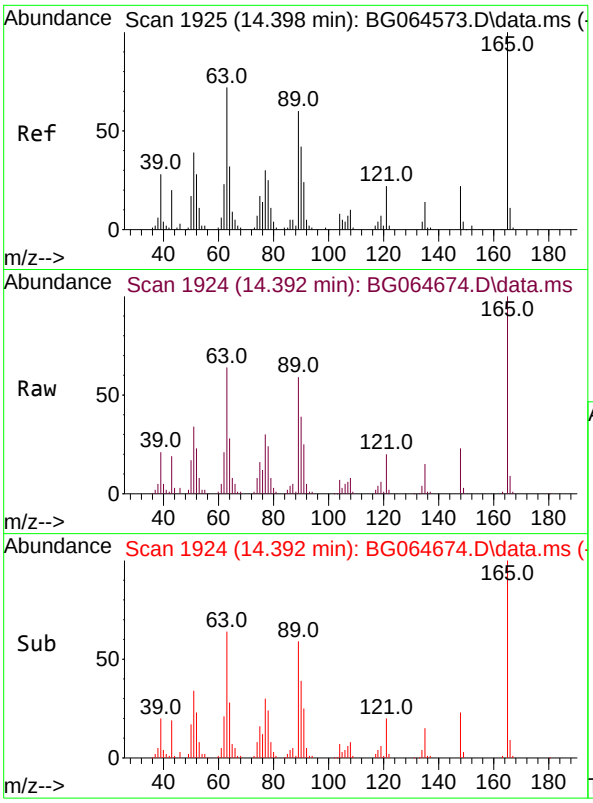


#50
Dimethylphthalate
Concen: 43.902 ng
RT: 14.281 min Scan# 1905
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:163 Resp: 336584

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	9.8	7.7	11.5





#51
2,6-Dinitrotoluene
Concen: 52.632 ng
RT: 14.392 min Scan# 19
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

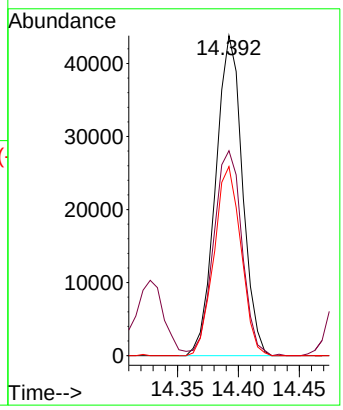
Tgt Ion:165 Resp: 6699

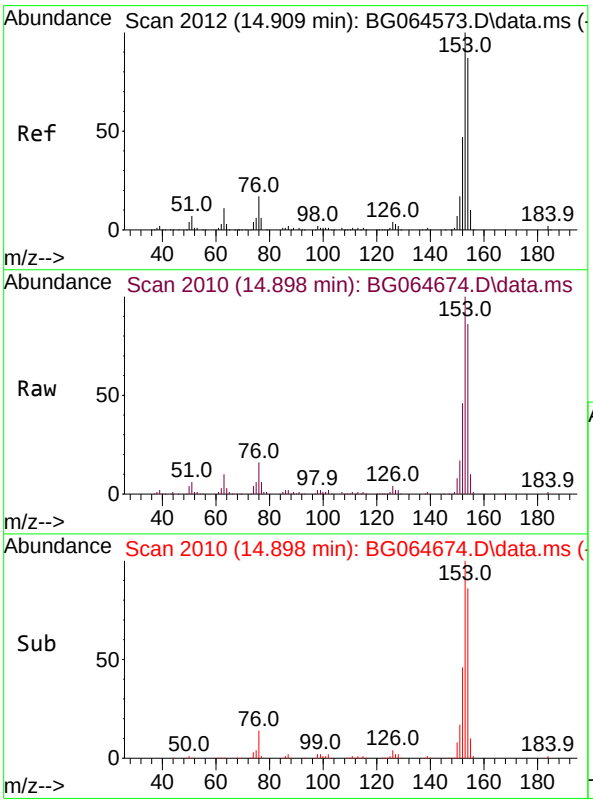
Ion	Ratio	Lower	Upper
165	100		
63	64.0	57.4	86.0
89	59.1	47.8	71.8

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

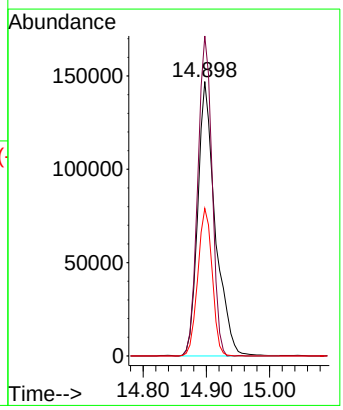


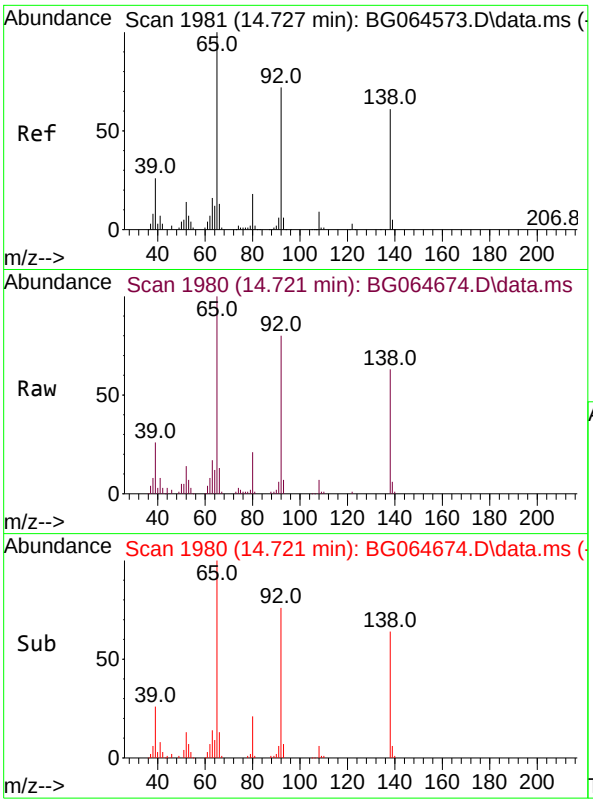


#52
Acenaphthene
Concen: 48.977 ng
RT: 14.898 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:154 Resp: 283781

Ion	Ratio	Lower	Upper
154	100		
153	116.6	92.2	138.4
152	53.8	43.2	64.8

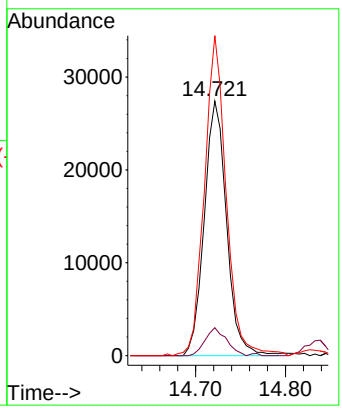




#53
3-Nitroaniline
Concen: 35.932 ng
RT: 14.721 min Scan# 19
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:138 Resp: 4734

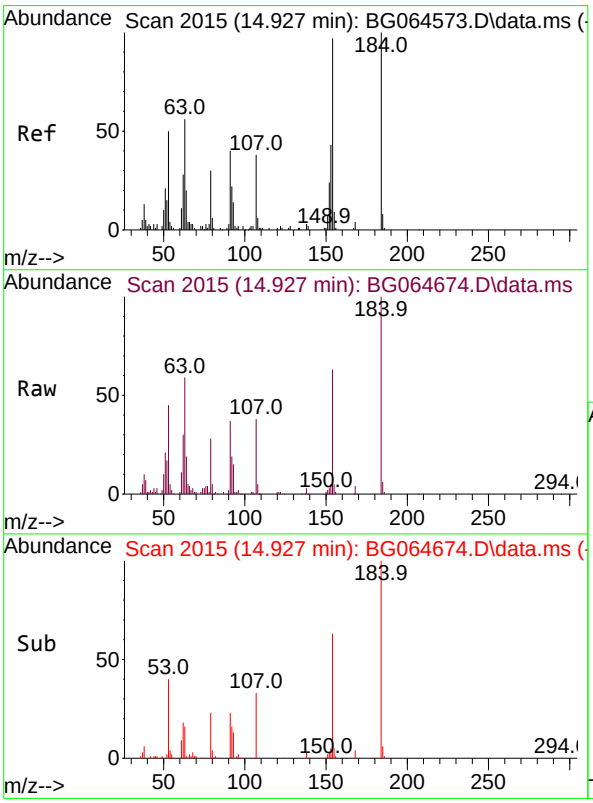
Ion	Ratio	Lower	Upper
138	100		
108	10.9	11.4	17.0#
92	125.7	95.3	142.9



Instrument :
BNA_G
ClientSampleId :
PB170206BS

Manual Integrations
APPROVED

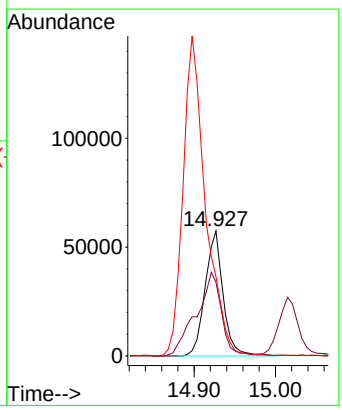
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

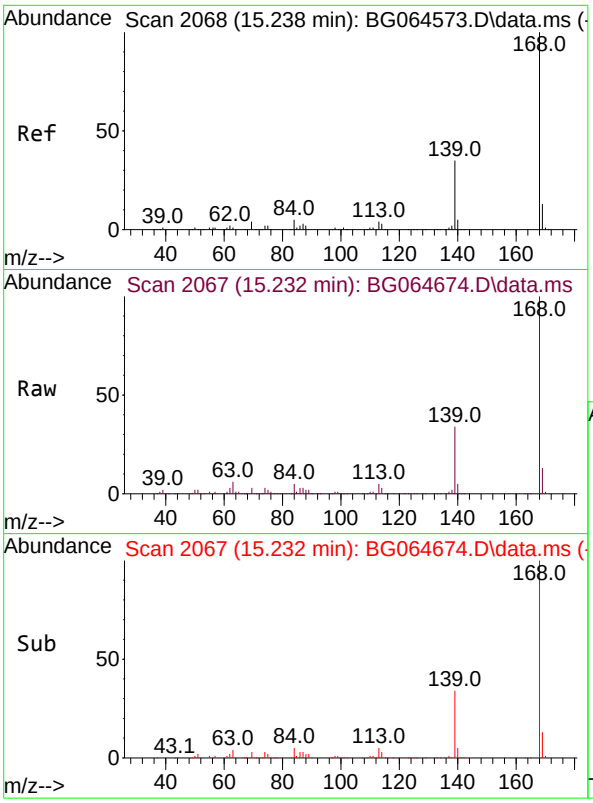


#54
2,4-Dinitrophenol
Concen: 111.576 ng
RT: 14.927 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:184 Resp: 88446

Ion	Ratio	Lower	Upper
184	100		
63	58.9	56.6	85.0
154	63.4	158.6	238.0#

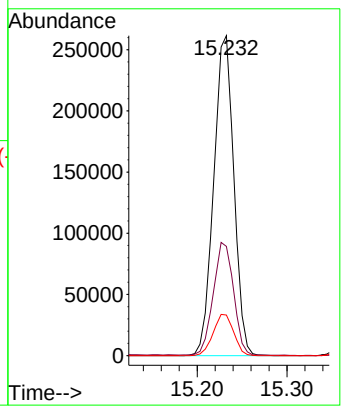




#55
Dibenzofuran
Concen: 43.519 ng
RT: 15.232 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:168 Resp: 40766

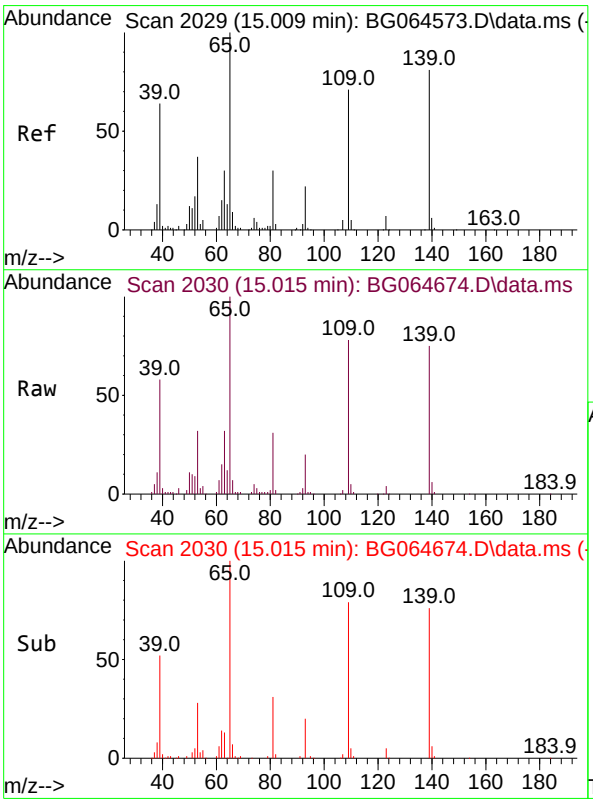
Ion	Ratio	Lower	Upper
168	100		
139	34.1	27.8	41.8
169	12.7	10.3	15.5



Instrument :
BNA_G
ClientSampleId :
PB170206BS

Manual Integrations
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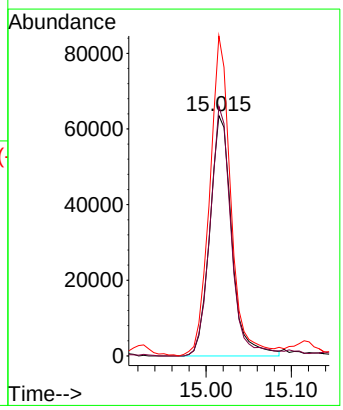
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

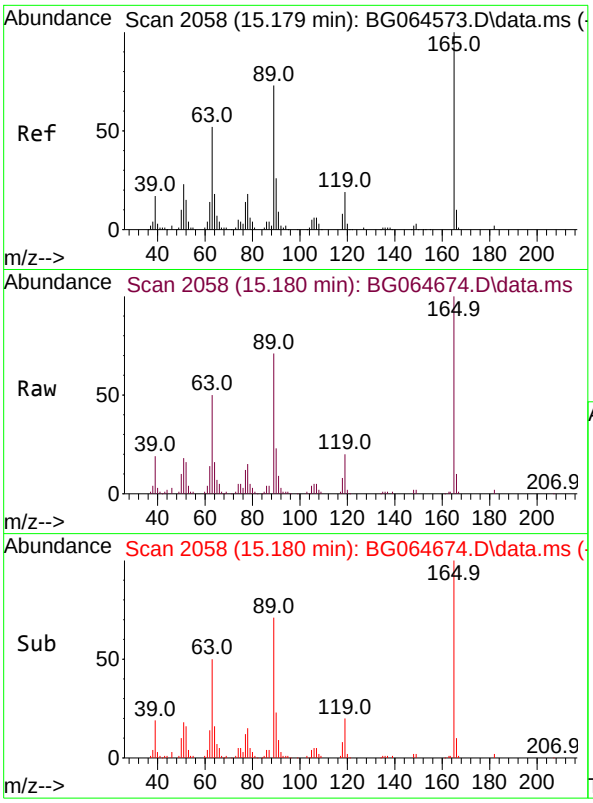


#56
4-Nitrophenol
Concen: 92.945 ng
RT: 15.015 min Scan# 2030
Delta R.T. 0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:139 Resp: 113539

Ion	Ratio	Lower	Upper
139	100		
109	103.9	67.8	107.8
65	133.2	103.7	143.7

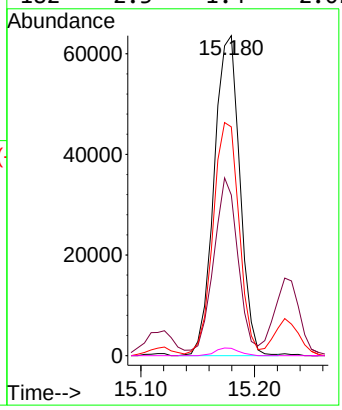




#57
2,4-Dinitrotoluene
Concen: 50.936 ng
RT: 15.180 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:165 Resp: 10001

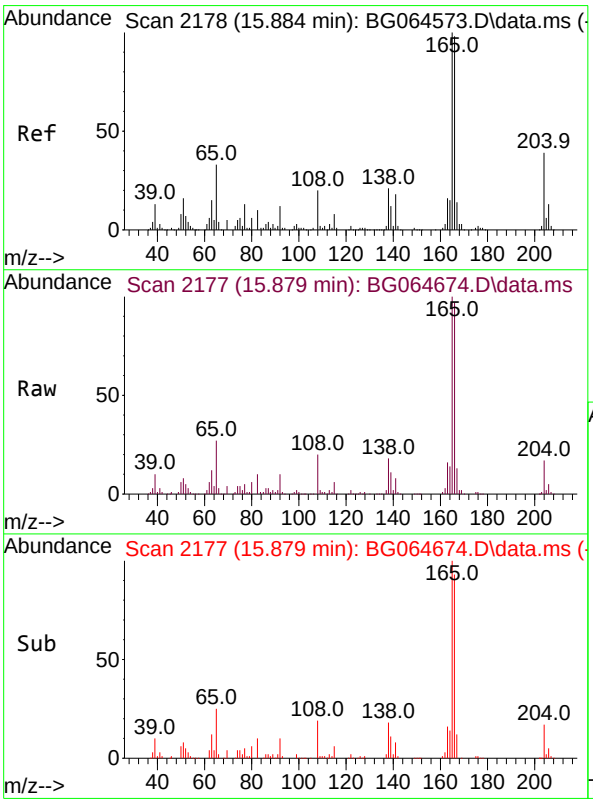
Ion	Ratio	Lower	Upper
165	100		
63	50.2	41.8	62.8
89	71.5	58.1	87.1
182	2.3	1.4	2.0#



Instrument :
BNA_G
ClientSampleId :
PB170206BS

Manual Integrations
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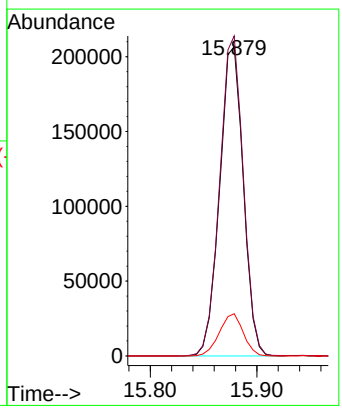
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

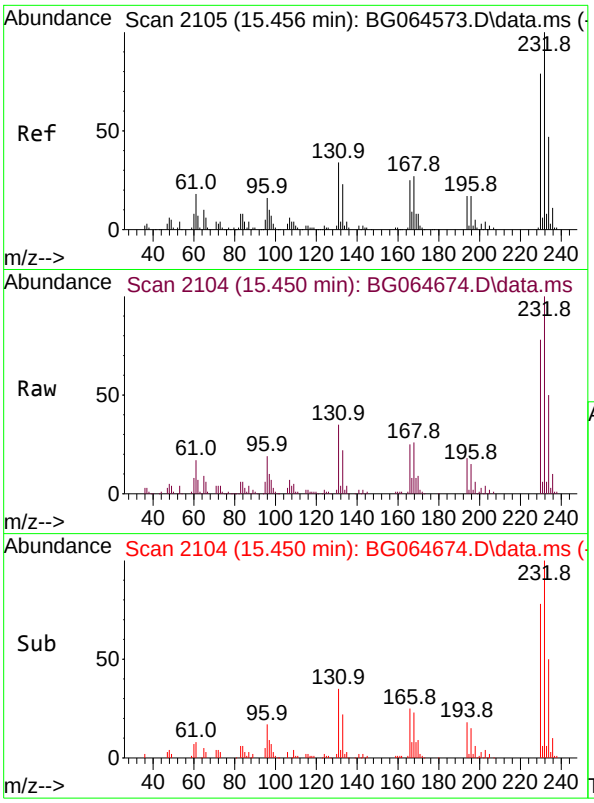


#58
Fluorene
Concen: 43.579 ng
RT: 15.879 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:166 Resp: 318811

Ion	Ratio	Lower	Upper
166	100		
165	103.4	81.5	122.3
167	13.6	11.4	17.0

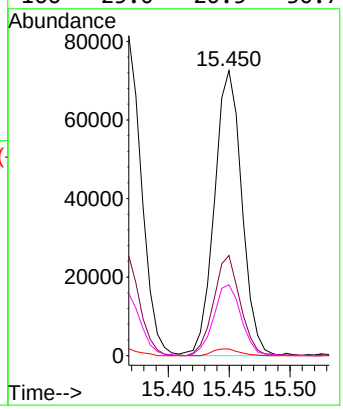




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.489 ng
RT: 15.450 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:232 Resp: 11353

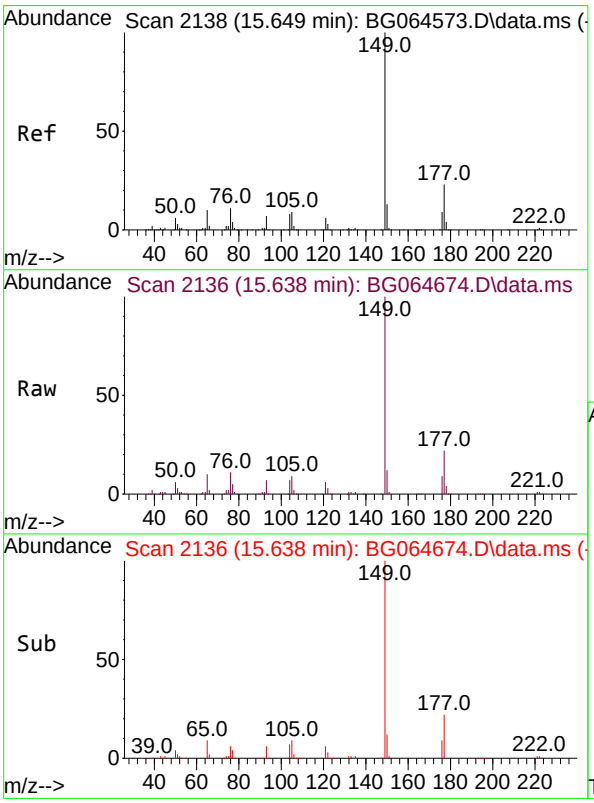
Ion	Ratio	Lower	Upper
232	100		
131	34.3	26.7	40.1
130	2.3	1.6	2.4
166	25.0	20.5	30.7



Instrument :
BNA_G
ClientSampleId :
PB170206BS

Manual Integrations
APPROVED

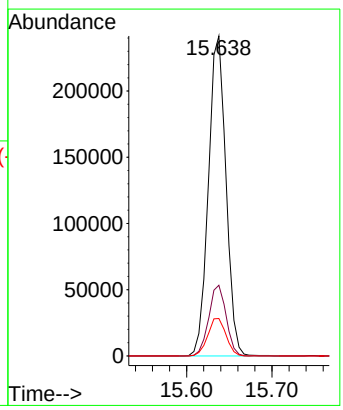
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

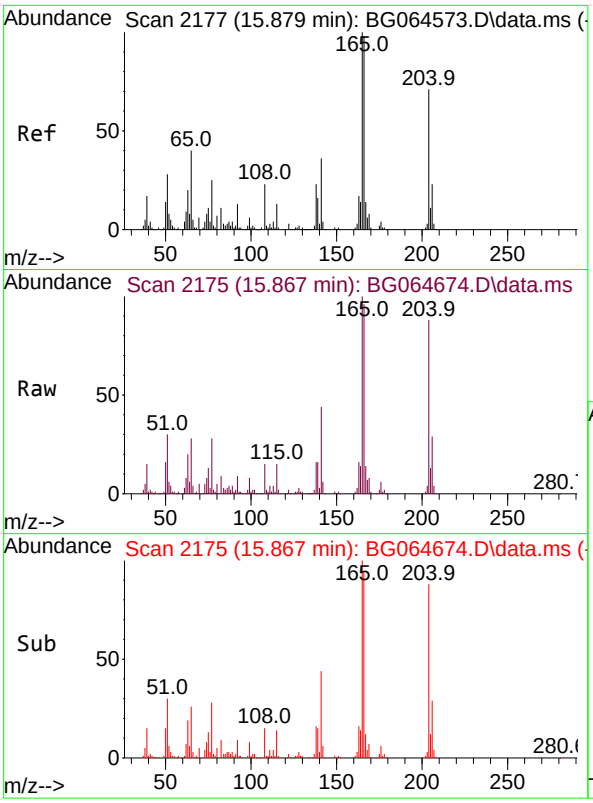


#60
Diethylphthalate
Concen: 44.012 ng
RT: 15.638 min Scan# 2136
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:149 Resp: 344532

Ion	Ratio	Lower	Upper
149	100		
177	22.1	18.0	27.0
150	11.7	10.2	15.4





#61
4-Chlorophenyl-phenylether
Concen: 44.254 ng
RT: 15.867 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

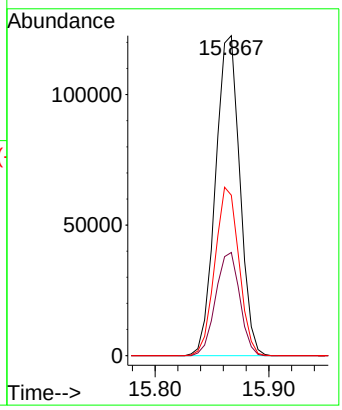
Tgt Ion:204 Resp: 18168

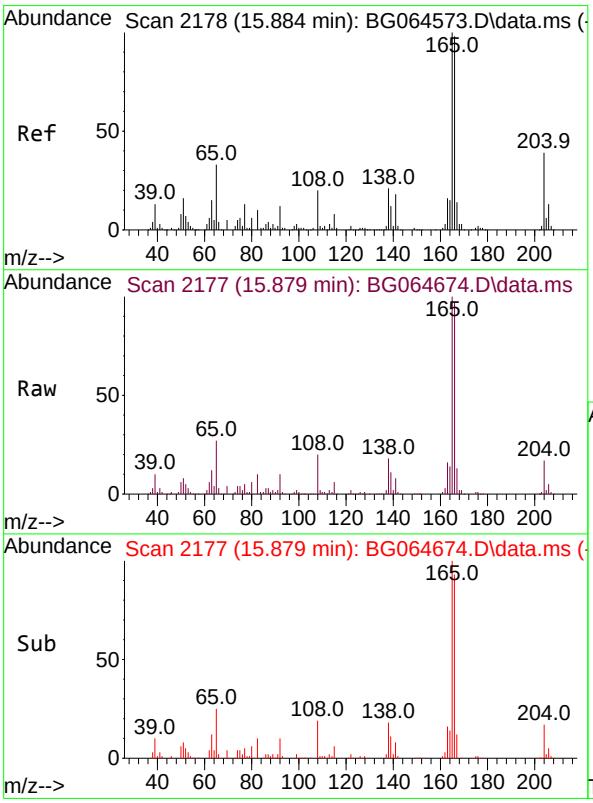
Ion	Ratio	Lower	Upper
204	100		
206	32.2	25.6	38.4
141	50.1	40.6	60.8

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

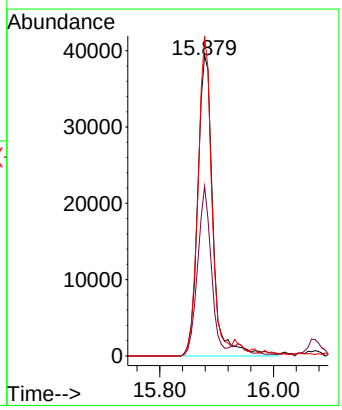


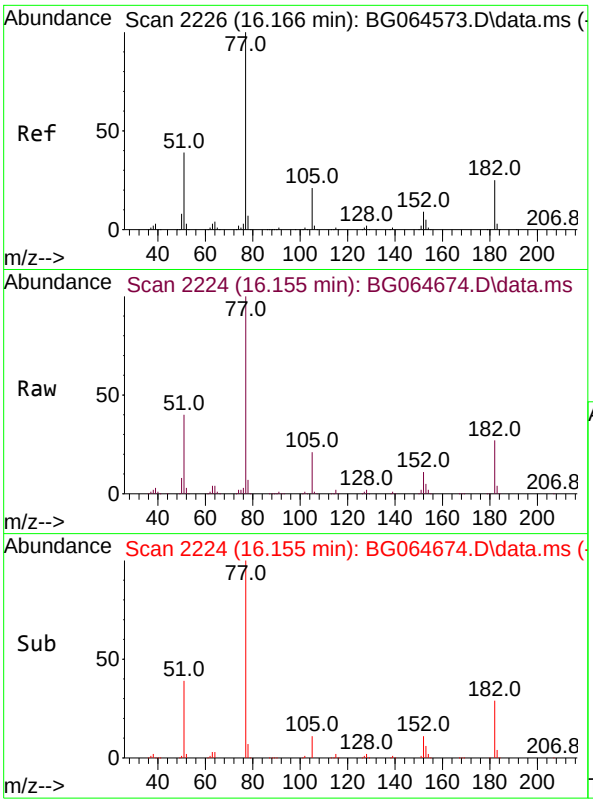


#62
4-Nitroaniline
Concen: 49.643 ng
RT: 15.879 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:138 Resp: 72768

Ion	Ratio	Lower	Upper
138	100		
92	56.5	36.1	76.1
108	106.5	75.6	115.6

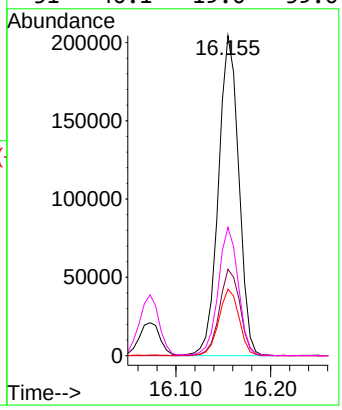




#63
Azobenzene
Concen: 42.435 ng
RT: 16.155 min Scan# 2
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion: 77 Resp: 30479

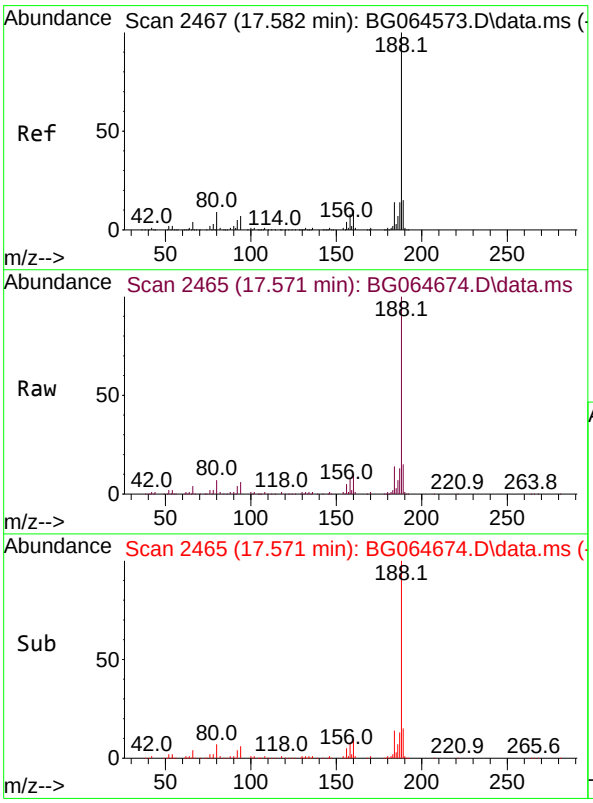
Ion	Ratio	Lower	Upper
77	100		
182	27.0	4.9	44.9
105	20.8	1.3	41.3
51	40.1	19.0	59.0



Instrument :
BNA_G
ClientSampleId :
PB170206BS

Manual Integrations
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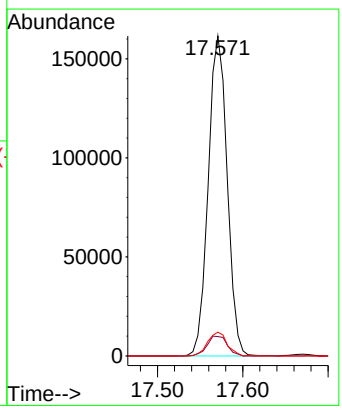
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

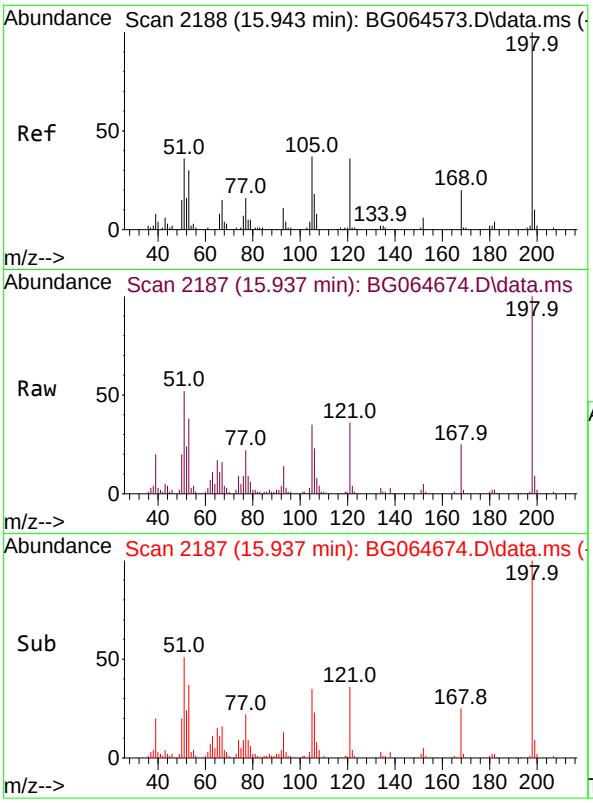


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.571 min Scan# 2465
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:188 Resp: 249048

Ion	Ratio	Lower	Upper
188	100		
94	6.0	5.7	8.5
80	7.4	6.8	10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 57.216 ng
RT: 15.937 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

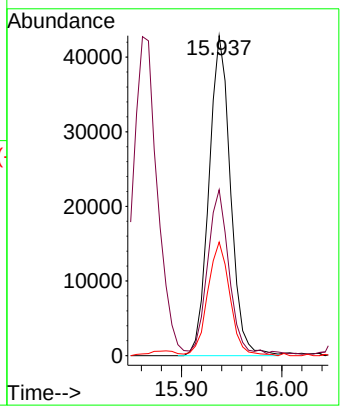
Tgt Ion:198 Resp: 6399

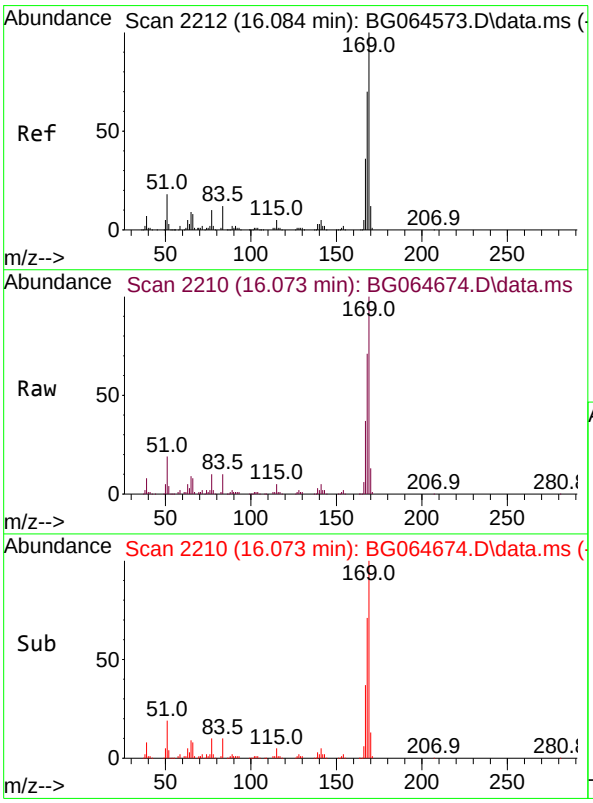
Ion	Ratio	Lower	Upper
198	100		
51	51.8	24.7	64.7
105	35.5	18.0	58.0

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

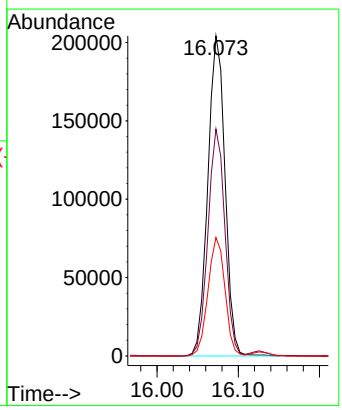


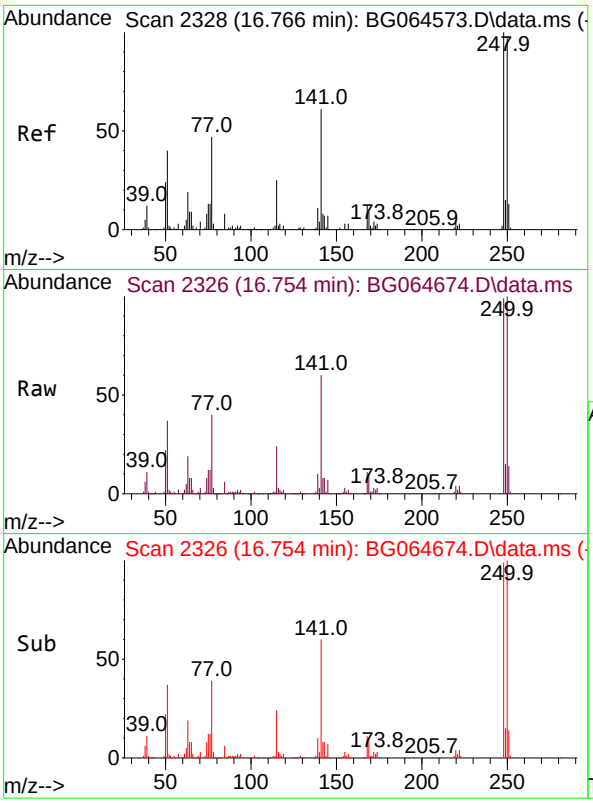


#66
n-Nitrosodiphenylamine
Concen: 44.665 ng
RT: 16.073 min Scan# 2210
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:169 Resp: 300484

Ion	Ratio	Lower	Upper
169	100		
168	70.9	56.3	84.5
167	37.0	29.0	43.6

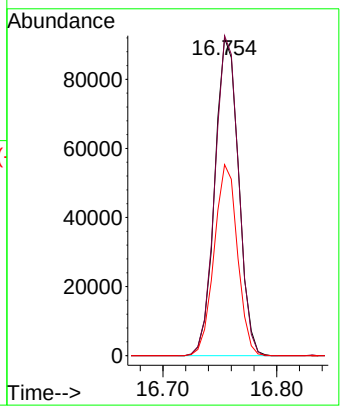




#67
4-Bromophenyl-phenylether
Concen: 45.068 ng
RT: 16.754 min Scan# 2
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:248 Resp: 133009

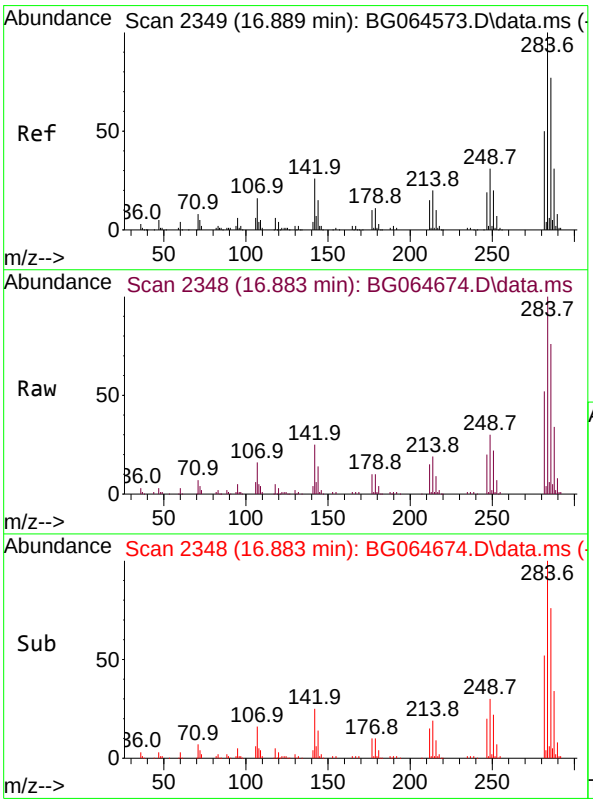
Ion	Ratio	Lower	Upper
248	100		
250	100.8	77.7	116.5
141	60.1	48.6	72.8



Instrument :
BNA_G
ClientSampleId :
PB170206BS

Manual Integrations
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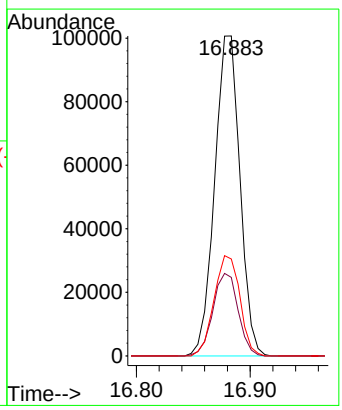
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

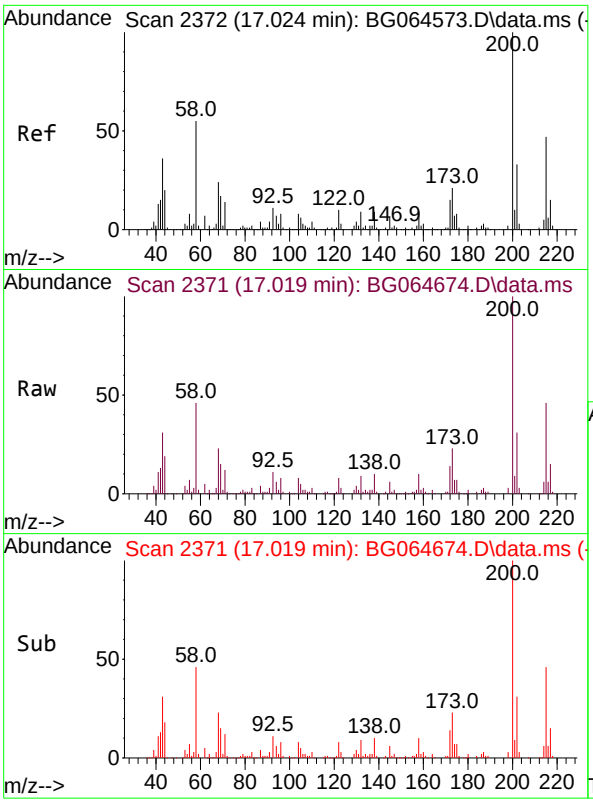


#68
Hexachlorobenzene
Concen: 46.126 ng
RT: 16.883 min Scan# 2348
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:284 Resp: 155303

Ion	Ratio	Lower	Upper
284	100		
142	24.5	21.0	31.6
249	32.7	24.9	37.3

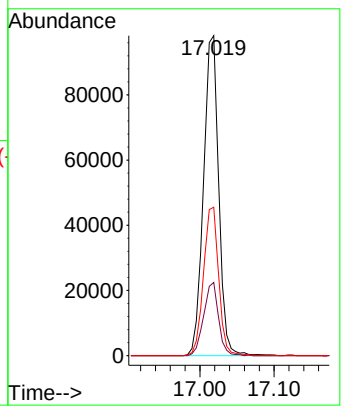




#69
Atrazine
Concen: 48.248 ng
RT: 17.019 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:200 Resp: 13968

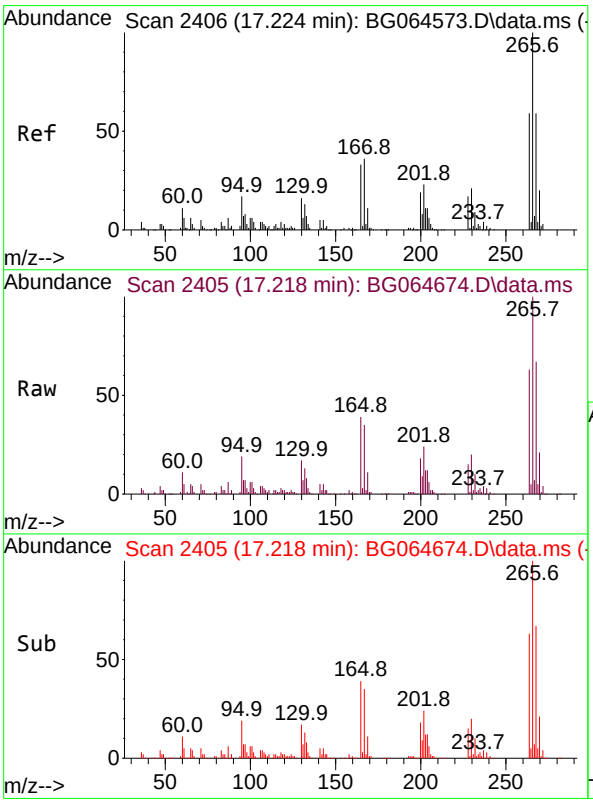
Ion	Ratio	Lower	Upper
200	100		
173	22.9	0.9	40.9
215	46.4	27.0	67.0



Instrument :
BNA_G
ClientSampleId :
PB170206BS

Manual Integrations
APPROVED

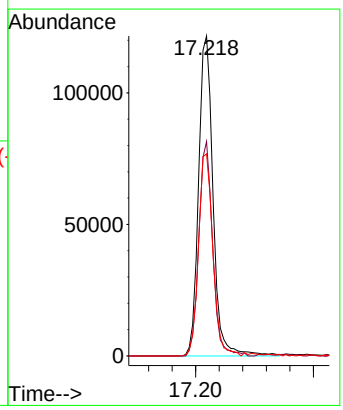
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

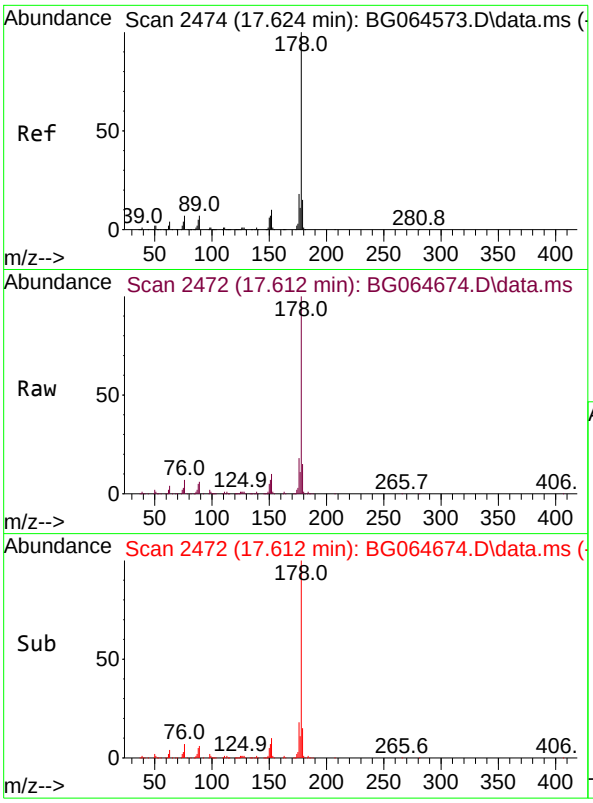


#70
Pentachlorophenol
Concen: 98.918 ng
RT: 17.218 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:266 Resp: 207688

Ion	Ratio	Lower	Upper
266	100		
268	71.8	50.3	75.5
264	68.2	47.3	70.9

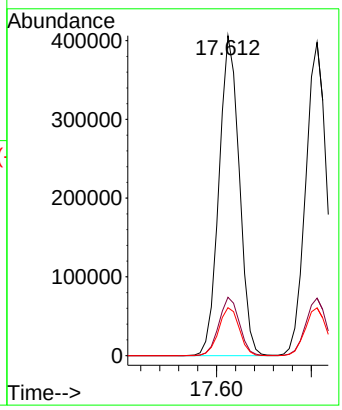




#71
Phenanthrene
Concen: 44.262 ng
RT: 17.612 min Scan# 24
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:178 Resp: 60282

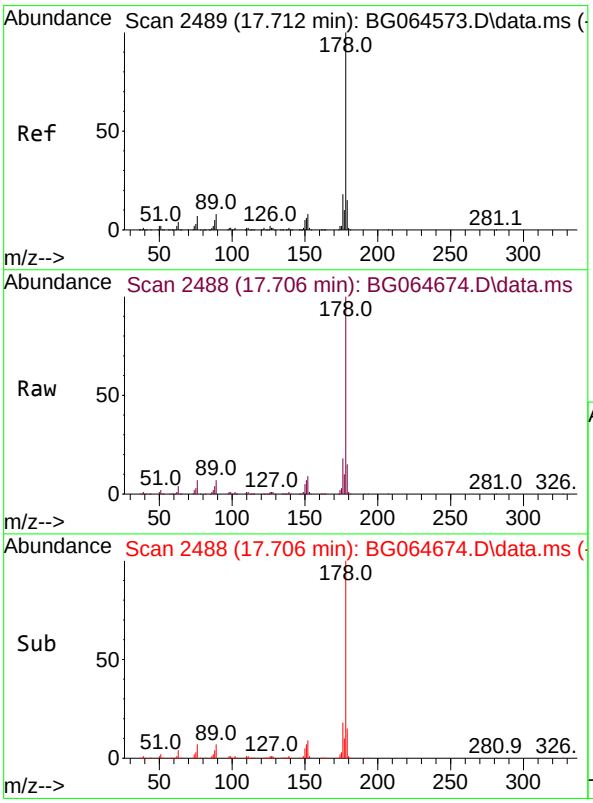
Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.7	22.1
179	15.0	12.2	18.4



Instrument :
BNA_G
ClientSampleId :
PB170206BS

Manual Integrations
APPROVED

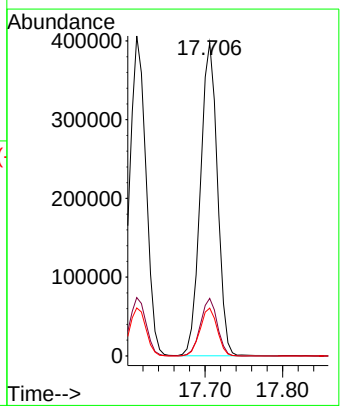
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

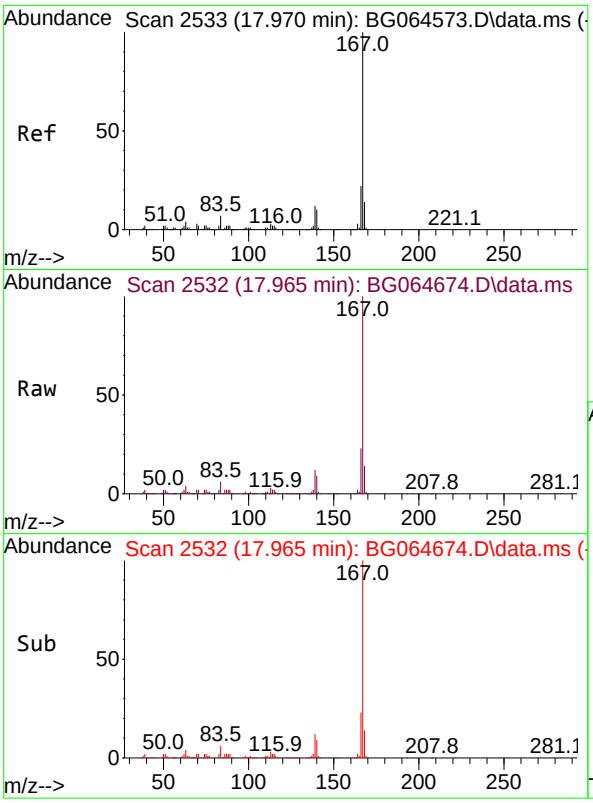


#72
Anthracene
Concen: 43.668 ng
RT: 17.706 min Scan# 2488
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:178 Resp: 604988

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.4	21.6
179	15.2	12.4	18.6

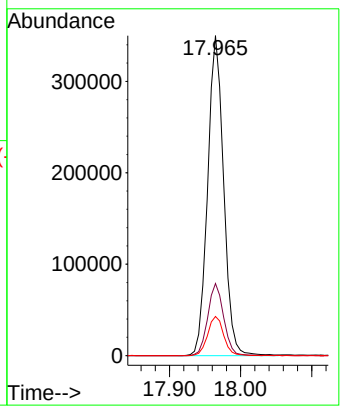




#73
Carbazole
Concen: 44.812 ng
RT: 17.965 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:167 Resp: 54745

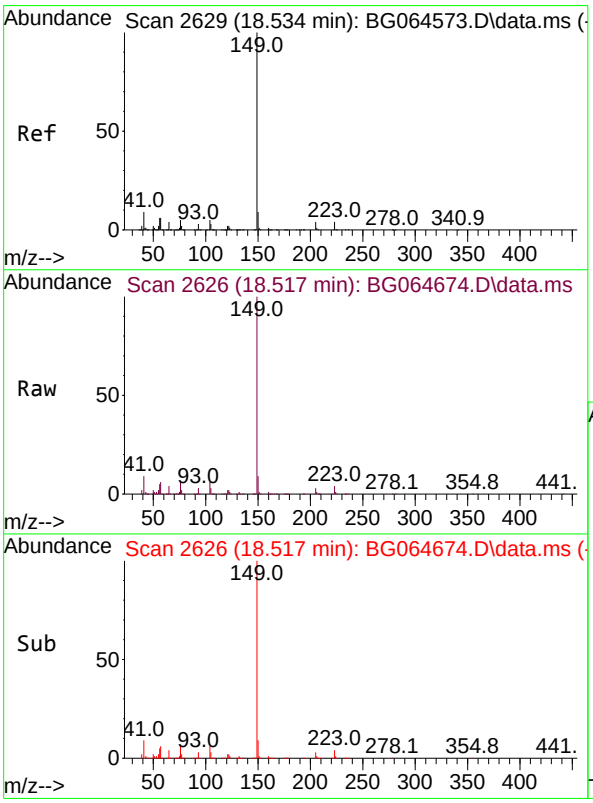
Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.9	26.9
139	12.2	9.7	14.5



Instrument :
BNA_G
ClientSampleId :
PB170206BS

Manual Integrations
APPROVED

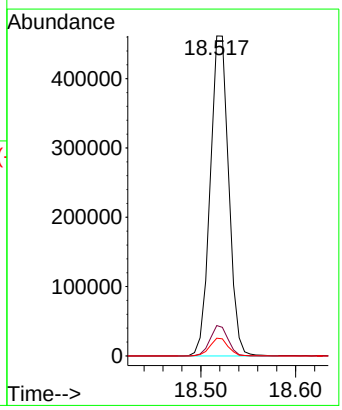
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

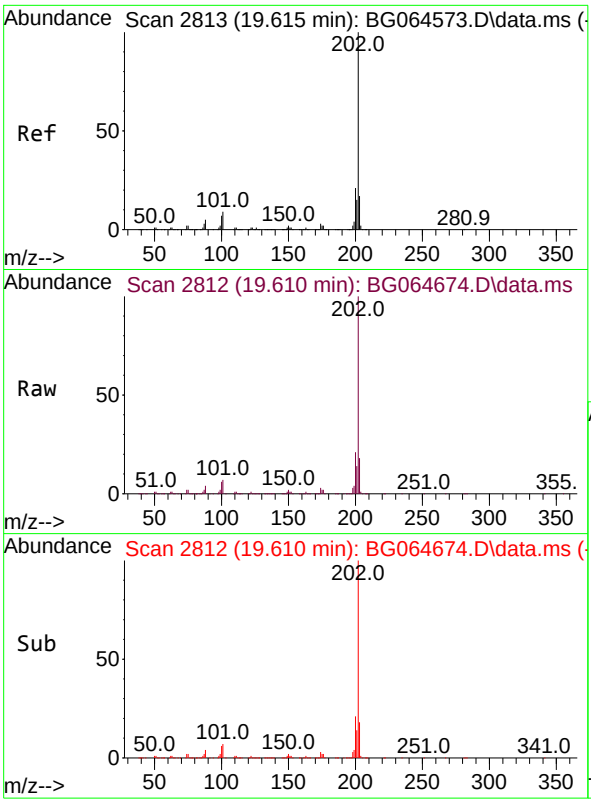


#74
Di-n-butylphthalate
Concen: 44.244 ng
RT: 18.517 min Scan# 2626
Delta R.T. -0.017 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:149 Resp: 625052

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.0	10.6
104	5.5	4.1	6.1

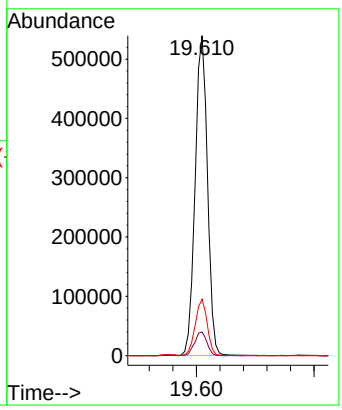




#75
Fluoranthene
Concen: 45.872 ng
RT: 19.610 min Scan# 28
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:202 Resp: 782658

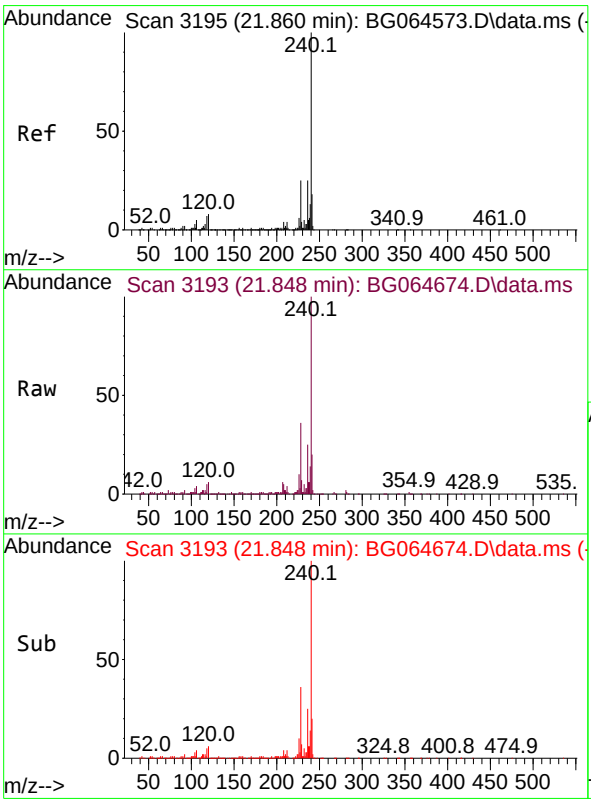
Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	28.7
203	17.6	0.0	37.0



Instrument :
BNA_G
ClientSampleId :
PB170206BS

Manual Integrations
APPROVED

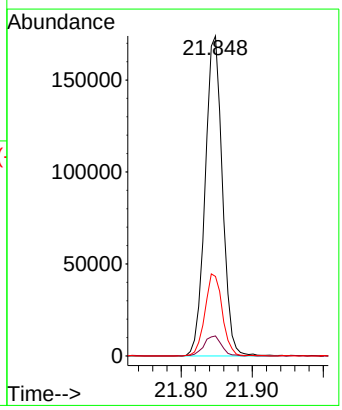
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

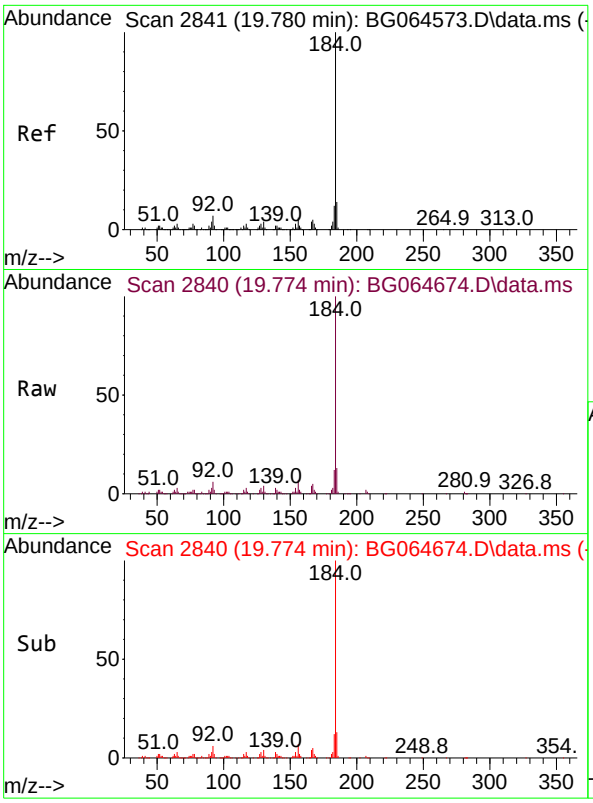


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.848 min Scan# 3193
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:240 Resp: 291284

Ion	Ratio	Lower	Upper
240	100		
120	6.2	6.5	9.7#
236	24.8	20.2	30.2

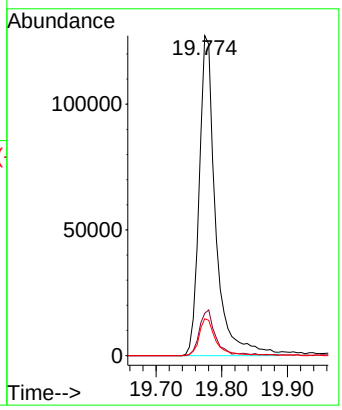




#77
Benzidine
Concen: 33.863 ng
RT: 19.774 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:184 Resp: 220989

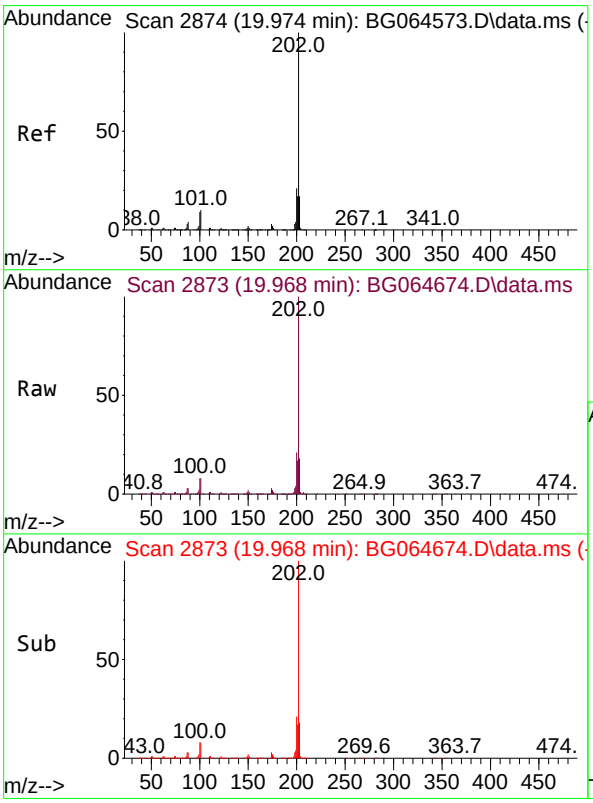
Ion	Ratio	Lower	Upper
184	100		
185	13.2	11.4	17.2
183	11.5	9.4	14.2



Instrument :
BNA_G
ClientSampleId :
PB170206BS

Manual Integrations
APPROVED

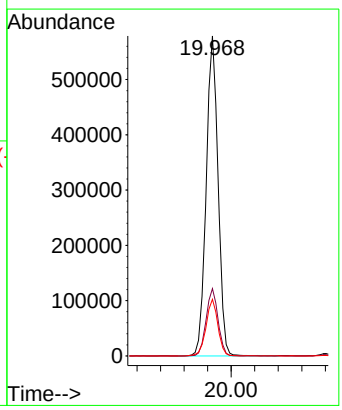
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

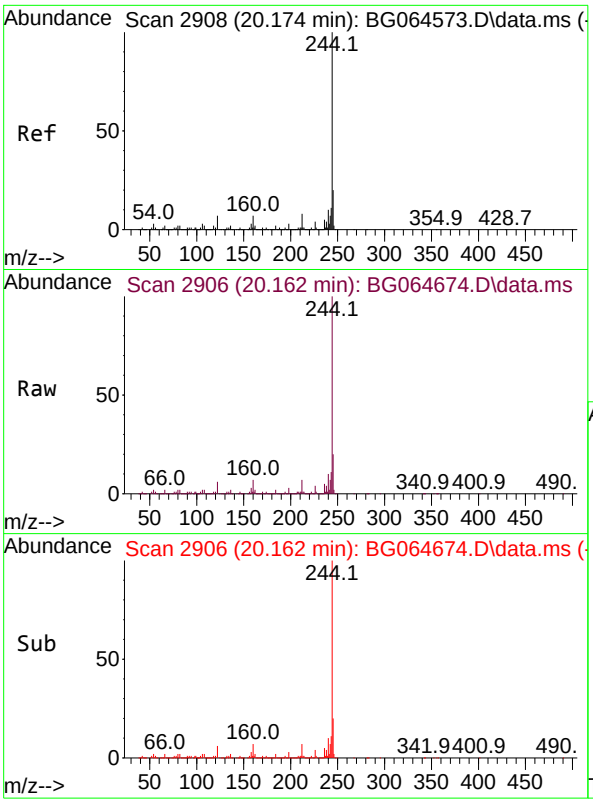


#78
Pyrene
Concen: 42.587 ng
RT: 19.968 min Scan# 2873
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:202 Resp: 810468

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.4
203	17.7	13.8	20.6





#79
Terphenyl-d14
Concen: 86.163 ng
RT: 20.162 min Scan# 29
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

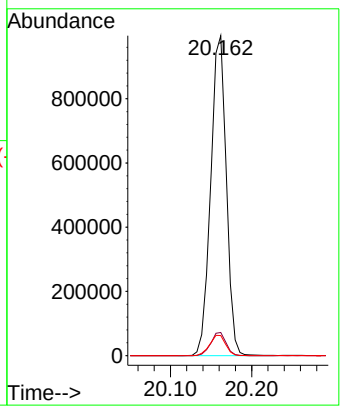
Tgt Ion:244 Resp: 132992

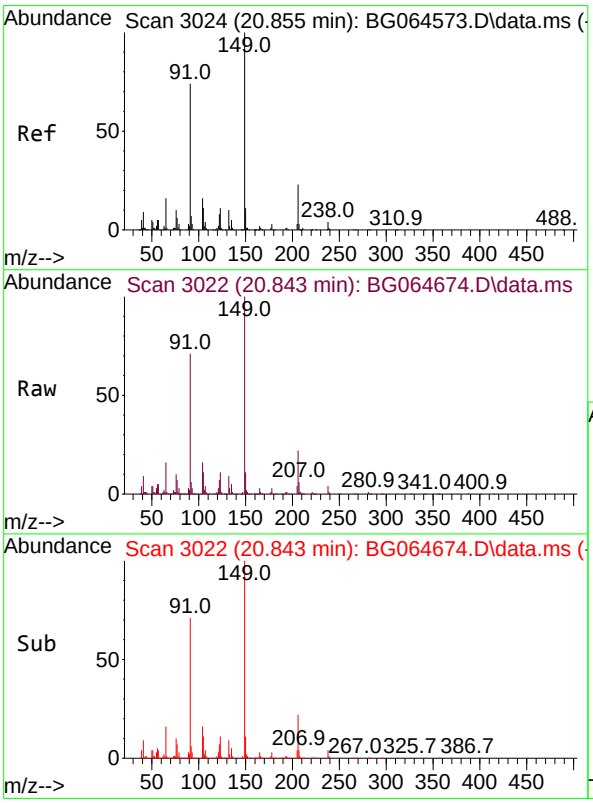
Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	6.3	5.6	8.4

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

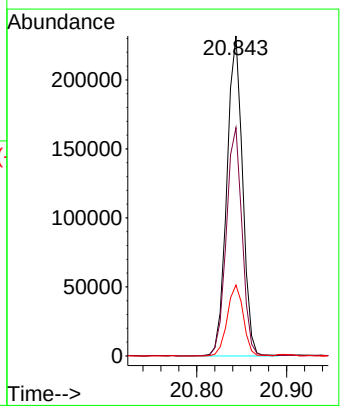


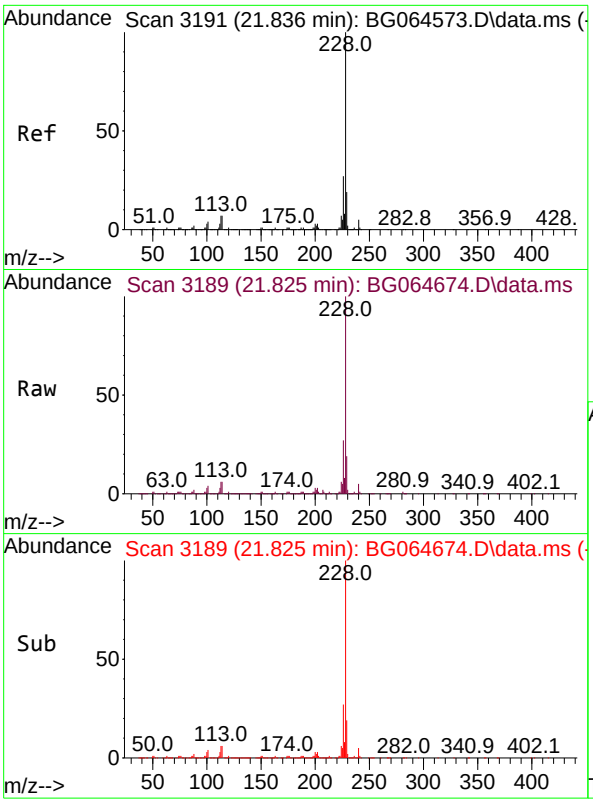


#80
Butylbenzylphthalate
Concen: 49.163 ng
RT: 20.843 min Scan# 3022
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:149 Resp: 282780

Ion	Ratio	Lower	Upper
149	100		
91	71.3	59.2	88.8
206	22.1	18.1	27.1

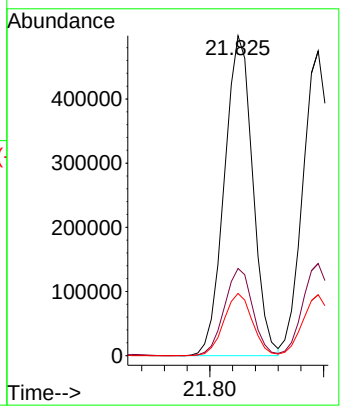




#81
Benzo(a)anthracene
Concen: 44.692 ng
RT: 21.825 min Scan# 3
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:228 Resp: 86317

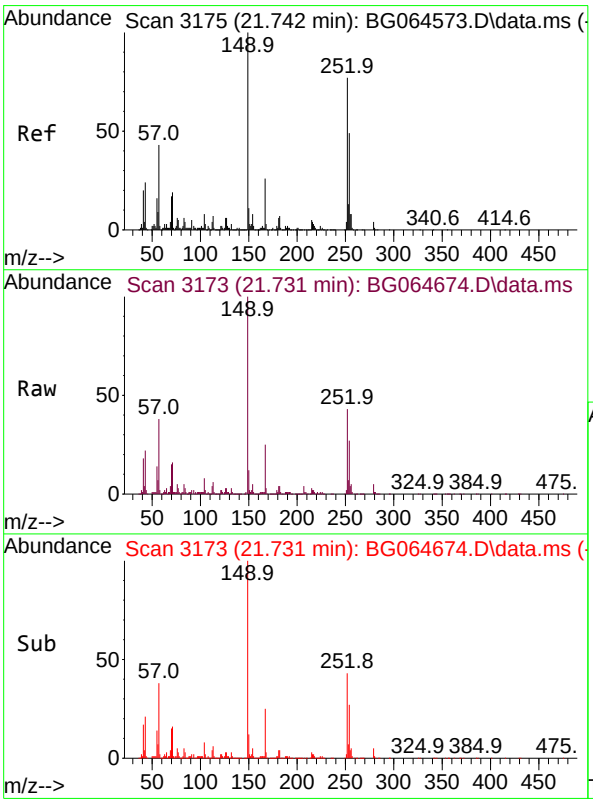
Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.9	32.9
229	19.4	15.6	23.4



Instrument :
BNA_G
ClientSampleId :
PB170206BS

Manual Integrations
APPROVED

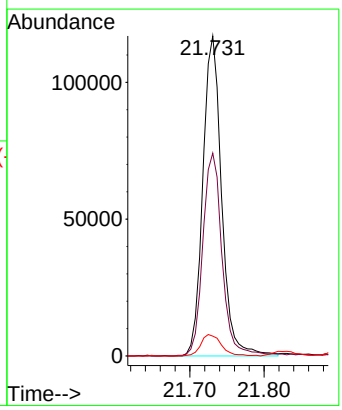
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

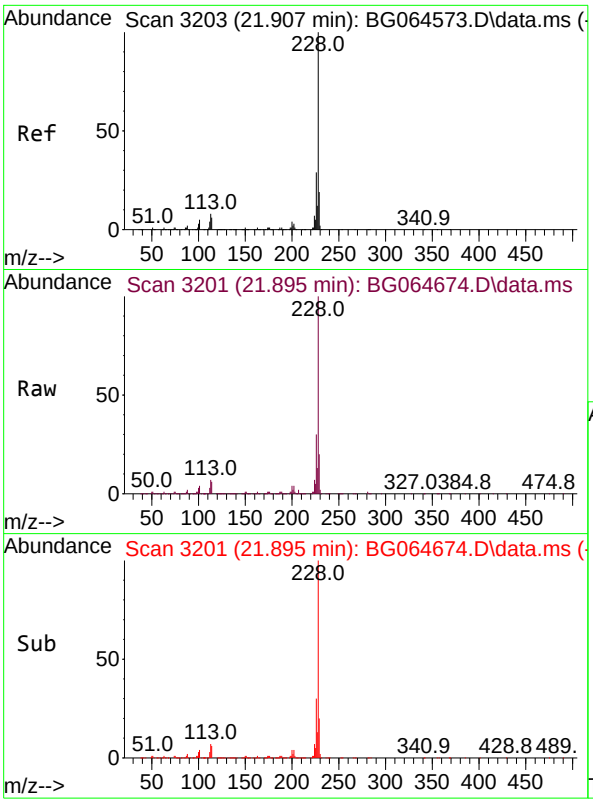


#82
3,3'-Dichlorobenzidine
Concen: 31.839 ng
RT: 21.731 min Scan# 3173
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:252 Resp: 205344

Ion	Ratio	Lower	Upper
252	100		
254	63.4	50.8	76.2
126	6.2	5.8	8.6

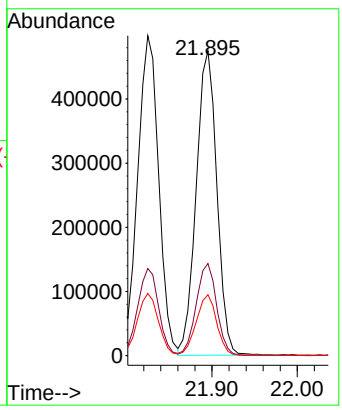




#83
Chrysene
Concen: 43.435 ng
RT: 21.895 min Scan# 3
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:228 Resp: 79822

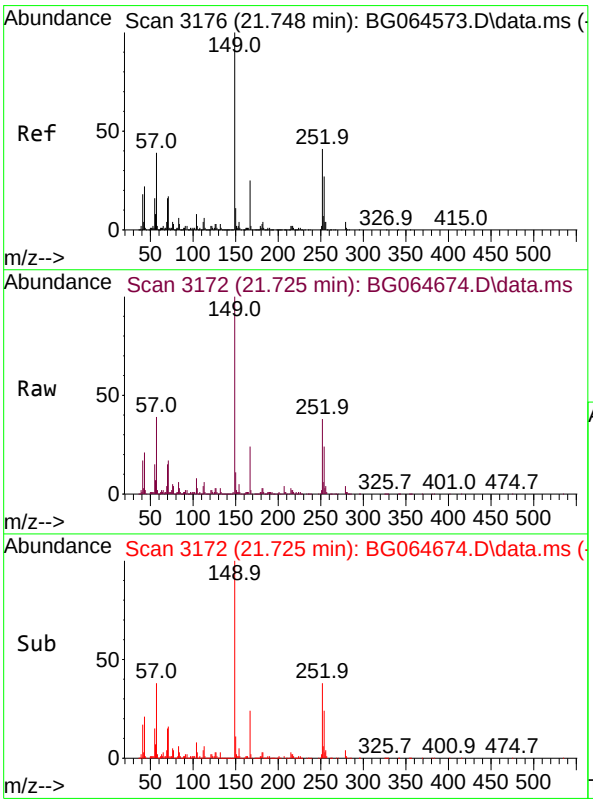
Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.3	34.9
229	20.0	15.2	22.8



Instrument :
BNA_G
ClientSampleId :
PB170206BS

Manual Integrations
APPROVED

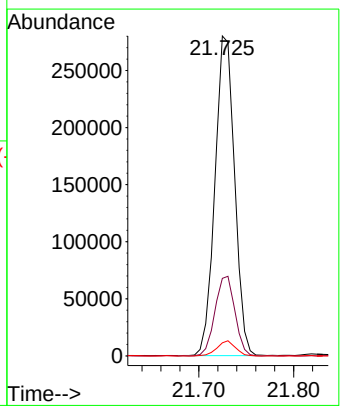
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

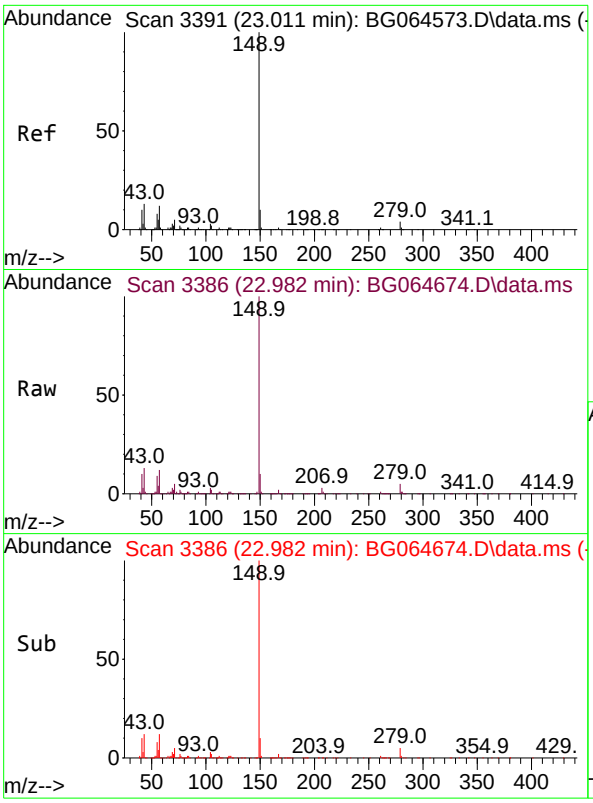


#84
Bis(2-ethylhexyl)phthalate
Concen: 46.897 ng
RT: 21.725 min Scan# 3172
Delta R.T. -0.023 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:149 Resp: 403065

Ion	Ratio	Lower	Upper
149	100		
167	24.2	20.0	30.0
279	4.1	3.1	4.7





#85
Di-n-octyl phthalate
Concen: 47.394 ng
RT: 22.982 min Scan# 3
Delta R.T. -0.029 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

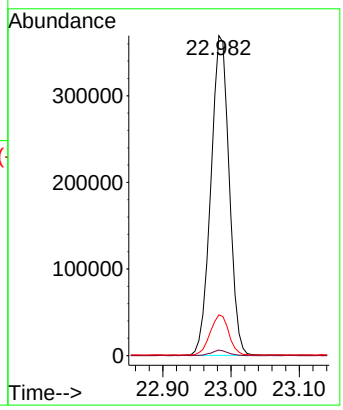
Tgt Ion:149 Resp: 68676

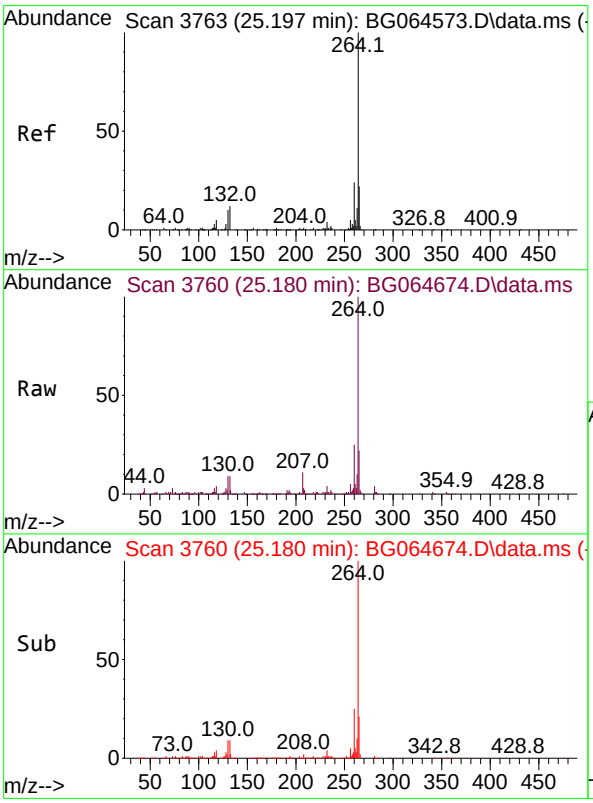
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.8	10.8	16.2

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

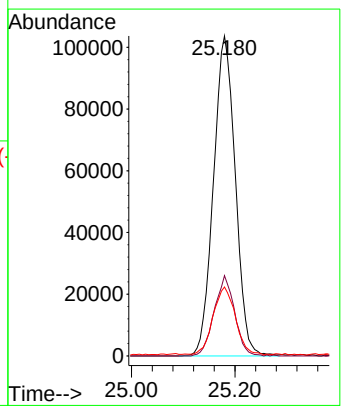


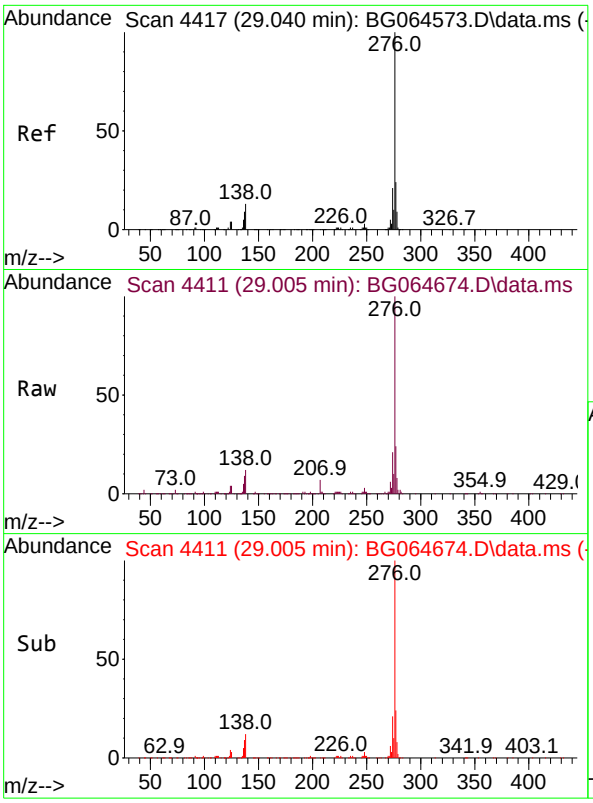


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.180 min Scan# 3760
Delta R.T. -0.018 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:264 Resp: 304737

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.0	28.4
265	21.5	17.6	26.4

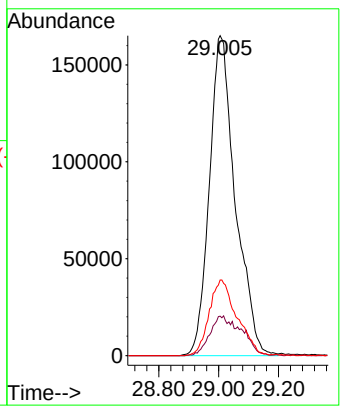




#87
Indeno(1,2,3-cd)pyrene
Concen: 44.553 ng
RT: 29.005 min Scan# 44
Delta R.T. -0.035 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:276 Resp: 998764

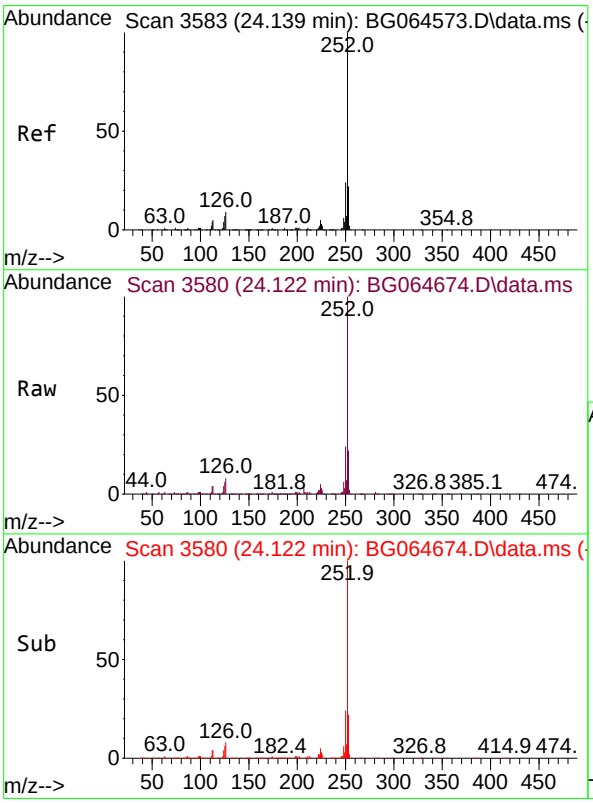
Ion	Ratio	Lower	Upper
276	100		
138	10.7	10.8	16.2#
277	25.3	20.1	30.1



Instrument :
BNA_G
ClientSampleId :
PB170206BS

Manual Integrations
APPROVED

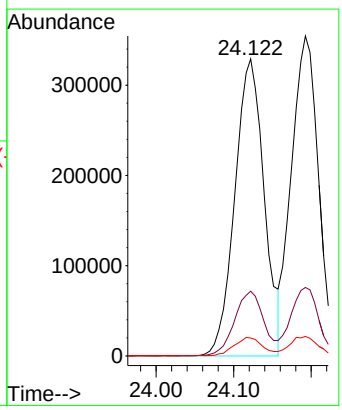
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

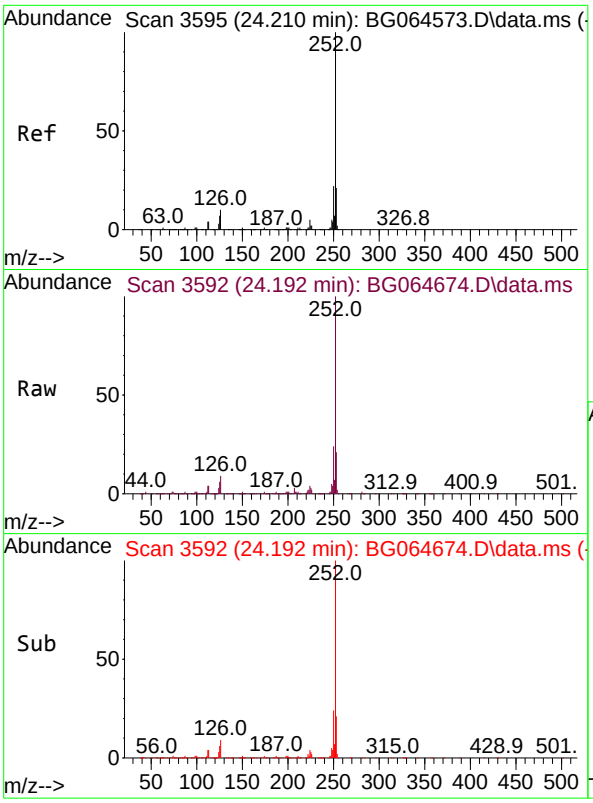


#88
Benzo(b)fluoranthene
Concen: 46.311 ng
RT: 24.122 min Scan# 3580
Delta R.T. -0.017 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:252 Resp: 865386

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	6.0	5.6	8.4

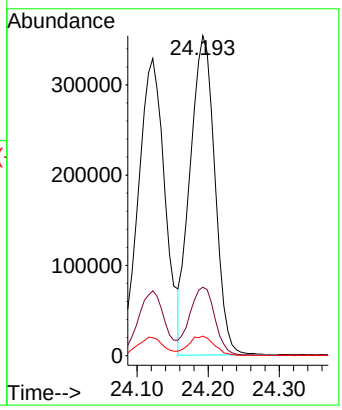




#89
Benzo(k)fluoranthene
Concen: 45.739 ng
RT: 24.192 min Scan# 3
Delta R.T. -0.017 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:252 Resp: 85528

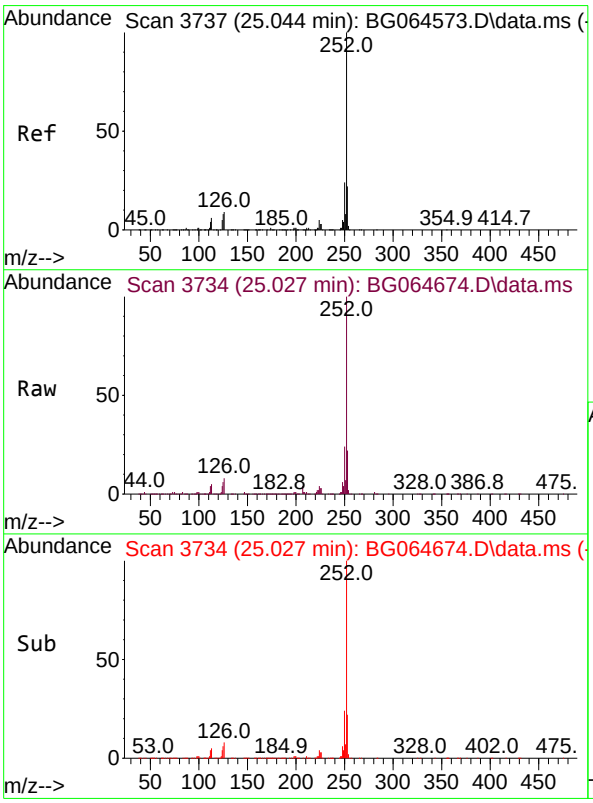
Ion	Ratio	Lower	Upper
252	100		
253	21.4	16.8	25.2
125	6.1	5.4	8.0



Instrument :
BNA_G
ClientSampleId :
PB170206BS

Manual Integrations
APPROVED

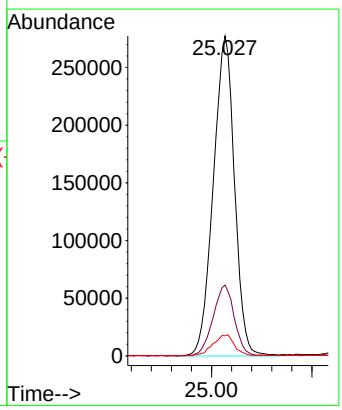
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

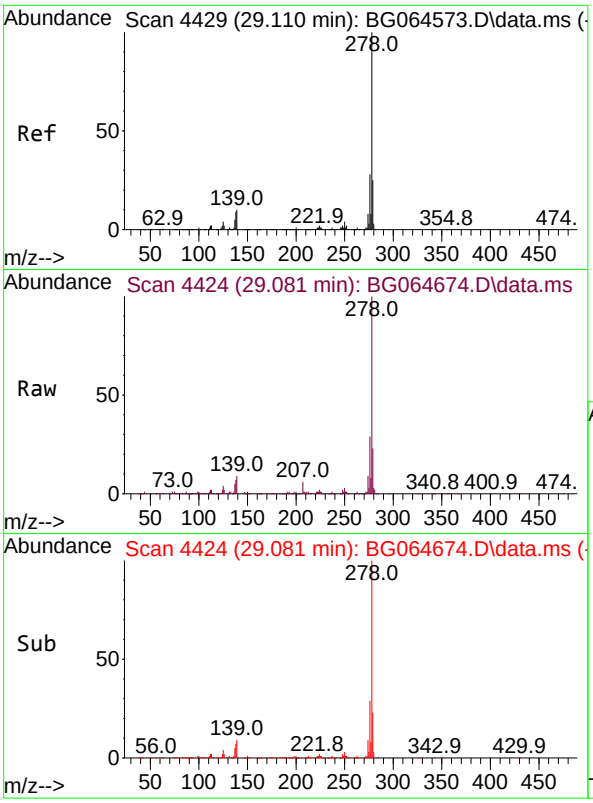


#90
Benzo(a)pyrene
Concen: 47.305 ng
RT: 25.027 min Scan# 3734
Delta R.T. -0.017 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:252 Resp: 812553

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	6.3	6.1	9.1

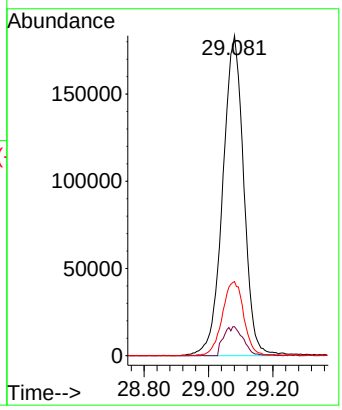




#91
Dibenzo(a,h)anthracene
Concen: 45.540 ng
RT: 29.081 min Scan# 44
Delta R.T. -0.029 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:278 Resp: 82940

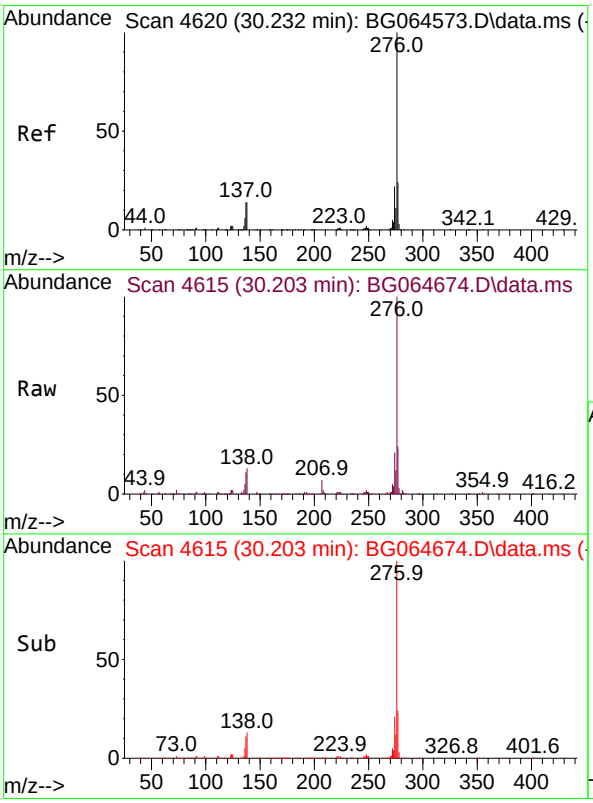
Ion	Ratio	Lower	Upper
278	100		
139	9.0	8.0	12.0
279	23.1	19.8	29.6



Instrument :
BNA_G
ClientSampleId :
PB170206BS

Manual Integrations
APPROVED

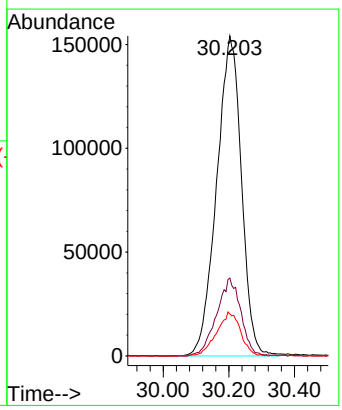
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#92
Benzo(g,h,i)perylene
Concen: 46.425 ng
RT: 30.203 min Scan# 4615
Delta R.T. -0.029 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:276 Resp: 807697

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.1	28.7
138	13.1	11.3	16.9



Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFFMS	SDG No.:	Q3399
Lab Sample ID:	Q3399-01MS	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	89.9
Sample Wt/Vol:	30.08 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS										
100-52-7	Benzaldehyde	1100		1	170	300	370	ug/Kg	11/03/25 22:05	PB170206
108-95-2	Phenol	1700		1	24.5	140	190	ug/Kg	11/03/25 22:05	PB170206
111-44-4	bis(2-Chloroethyl)ether	1500		1	27.0	140	190	ug/Kg	11/03/25 22:05	PB170206
95-57-8	2-Chlorophenol	1900		1	27.1	140	190	ug/Kg	11/03/25 22:05	PB170206
95-48-7	2-Methylphenol	1800		1	33.2	140	190	ug/Kg	11/03/25 22:05	PB170206
108-60-1	2,2-oxybis(1-Chloropropane)	1600		1	41.6	140	190	ug/Kg	11/03/25 22:05	PB170206
98-86-2	Acetophenone	1900		1	32.7	140	190	ug/Kg	11/03/25 22:05	PB170206
65794-96-9	3+4-Methylphenols	1800		1	45.6	300	370	ug/Kg	11/03/25 22:05	PB170206
621-64-7	n-Nitroso-di-n-propylamine	1700		1	52.6	88.8	88.8	ug/Kg	11/03/25 22:05	PB170206
67-72-1	Hexachloroethane	1800		1	19.5	140	190	ug/Kg	11/03/25 22:05	PB170206
98-95-3	Nitrobenzene	1900		1	20.3	140	190	ug/Kg	11/03/25 22:05	PB170206
78-59-1	Isophorone	1600		1	36.4	140	190	ug/Kg	11/03/25 22:05	PB170206
88-75-5	2-Nitrophenol	2200		1	64.6	140	190	ug/Kg	11/03/25 22:05	PB170206
105-67-9	2,4-Dimethylphenol	1900		1	71.9	140	190	ug/Kg	11/03/25 22:05	PB170206
111-91-1	bis(2-Chloroethoxy)methane	1600		1	34.2	140	190	ug/Kg	11/03/25 22:05	PB170206
120-83-2	2,4-Dichlorophenol	2000		1	31.4	140	190	ug/Kg	11/03/25 22:05	PB170206
91-20-3	Naphthalene	1700		1	25.2	140	190	ug/Kg	11/03/25 22:05	PB170206
106-47-8	4-Chloroaniline	870		1	39.3	140	190	ug/Kg	11/03/25 22:05	PB170206
87-68-3	Hexachlorobutadiene	1900		1	28.1	140	190	ug/Kg	11/03/25 22:05	PB170206
105-60-2	Caprolactam	1500		1	57.8	300	370	ug/Kg	11/03/25 22:05	PB170206
59-50-7	4-Chloro-3-methylphenol	1900		1	31.8	140	190	ug/Kg	11/03/25 22:05	PB170206
91-57-6	2-Methylnaphthalene	1600		1	28.4	140	190	ug/Kg	11/03/25 22:05	PB170206
77-47-4	Hexachlorocyclopentadiene	5500	E	1	130	300	370	ug/Kg	11/03/25 22:05	PB170206
88-06-2	2,4,6-Trichlorophenol	2000		1	22.0	140	190	ug/Kg	11/03/25 22:05	PB170206
95-95-4	2,4,5-Trichlorophenol	2000		1	32.3	140	190	ug/Kg	11/03/25 22:05	PB170206
92-52-4	1,1-Biphenyl	1900		1	24.2	140	190	ug/Kg	11/03/25 22:05	PB170206
91-58-7	2-Chloronaphthalene	1700		1	25.0	140	190	ug/Kg	11/03/25 22:05	PB170206
88-74-4	2-Nitroaniline	1900		1	53.4	140	190	ug/Kg	11/03/25 22:05	PB170206
131-11-3	Dimethylphthalate	1700		1	30.1	140	190	ug/Kg	11/03/25 22:05	PB170206
208-96-8	Acenaphthylene	2000		1	32.1	140	190	ug/Kg	11/03/25 22:05	PB170206
606-20-2	2,6-Dinitrotoluene	2100		1	37.3	140	190	ug/Kg	11/03/25 22:05	PB170206
99-09-2	3-Nitroaniline	1600		1	51.0	140	190	ug/Kg	11/03/25 22:05	PB170206
83-32-9	Acenaphthene	1900		1	23.6	140	190	ug/Kg	11/03/25 22:05	PB170206
51-28-5	2,4-Dinitrophenol	4100	E	1	250	300	370	ug/Kg	11/03/25 22:05	PB170206
100-02-7	4-Nitrophenol	3500	E	1	120	300	370	ug/Kg	11/03/25 22:05	PB170206
132-64-9	Dibenzofuran	1800		1	25.2	140	190	ug/Kg	11/03/25 22:05	PB170206
121-14-2	2,4-Dinitrotoluene	2100		1	55.6	140	190	ug/Kg	11/03/25 22:05	PB170206
84-66-2	Diethylphthalate	1700		1	31.4	140	190	ug/Kg	11/03/25 22:05	PB170206
7005-72-3	4-Chlorophenyl-phenylether	1900		1	29.6	140	190	ug/Kg	11/03/25 22:05	PB170206
86-73-7	Fluorene	1800		1	28.1	140	190	ug/Kg	11/03/25 22:05	PB170206
100-01-6	4-Nitroaniline	2000		1	71.2	140	190	ug/Kg	11/03/25 22:05	PB170206
534-52-1	4,6-Dinitro-2-methylphenol	2300		1	110	300	370	ug/Kg	11/03/25 22:05	PB170206

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFFMS	SDG No.:	Q3399
Lab Sample ID:	Q3399-01MS	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	89.9
Sample Wt/Vol:	30.08 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1800		1	36.5	140	190	ug/Kg	11/03/25 22:05	PB170206
101-55-3	4-Bromophenyl-phenylether	1900		1	30.8	140	190	ug/Kg	11/03/25 22:05	PB170206
118-74-1	Hexachlorobenzene	2000		1	28.1	140	190	ug/Kg	11/03/25 22:05	PB170206
1912-24-9	Atrazine	2000		1	37.7	140	190	ug/Kg	11/03/25 22:05	PB170206
87-86-5	Pentachlorophenol	2600		1	56.9	300	370	ug/Kg	11/03/25 22:05	PB170206
85-01-8	Phenanthrene	1800		1	23.2	140	190	ug/Kg	11/03/25 22:05	PB170206
120-12-7	Anthracene	1800		1	36.9	140	190	ug/Kg	11/03/25 22:05	PB170206
86-74-8	Carbazole	1800		1	34.6	140	190	ug/Kg	11/03/25 22:05	PB170206
84-74-2	Di-n-butylphthalate	1800		1	53.1	140	190	ug/Kg	11/03/25 22:05	PB170206
206-44-0	Fluoranthene	1800		1	33.3	140	190	ug/Kg	11/03/25 22:05	PB170206
129-00-0	Pyrene	1700		1	39.9	140	190	ug/Kg	11/03/25 22:05	PB170206
85-68-7	Butylbenzylphthalate	1900		1	79.2	140	190	ug/Kg	11/03/25 22:05	PB170206
91-94-1	3,3-Dichlorobenzidine	1300		1	40.7	300	370	ug/Kg	11/03/25 22:05	PB170206
56-55-3	Benzo(a)anthracene	1800		1	25.5	140	190	ug/Kg	11/03/25 22:05	PB170206
218-01-9	Chrysene	1800		1	22.1	140	190	ug/Kg	11/03/25 22:05	PB170206
117-81-7	Bis(2-ethylhexyl)phthalate	1800		1	65.7	140	190	ug/Kg	11/03/25 22:05	PB170206
117-84-0	Di-n-octyl phthalate	1900		1	96.3	300	370	ug/Kg	11/03/25 22:05	PB170206
205-99-2	Benzo(b)fluoranthene	1800		1	21.1	140	190	ug/Kg	11/03/25 22:05	PB170206
207-08-9	Benzo(k)fluoranthene	1800		1	24.9	140	190	ug/Kg	11/03/25 22:05	PB170206
50-32-8	Benzo(a)pyrene	1900		1	32.7	140	190	ug/Kg	11/03/25 22:05	PB170206
193-39-5	Indeno(1,2,3-cd)pyrene	1800		1	32.3	140	190	ug/Kg	11/03/25 22:05	PB170206
53-70-3	Dibenzo(a,h)anthracene	1800		1	30.4	140	190	ug/Kg	11/03/25 22:05	PB170206
191-24-2	Benzo(g,h,i)perylene	1900		1	28.5	140	190	ug/Kg	11/03/25 22:05	PB170206
95-94-3	1,2,4,5-Tetrachlorobenzene	2000		1	28.4	140	190	ug/Kg	11/03/25 22:05	PB170206
123-91-1	1,4-Dioxane	1200		1	50.1	140	190	ug/Kg	11/03/25 22:05	PB170206
58-90-2	2,3,4,6-Tetrachlorophenol	2000		1	30.4	140	190	ug/Kg	11/03/25 22:05	PB170206
SURROGATES										
367-12-4	2-Fluorophenol	88.7			35 - 115		59%	SPK: 150		
13127-88-3	Phenol-d6	91.3			34 - 127		61%	SPK: 150		
4165-60-0	Nitrobenzene-d5	68.7			37 - 122		69%	SPK: 100		
321-60-8	2-Fluorobiphenyl	59.5			44 - 115		60%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	119			39 - 132		79%	SPK: 150		
1718-51-0	Terphenyl-d14	59.9			54 - 127		60%	SPK: 100		
INTERNAL STANDARDS		**Area Count**								
3855-82-1	1,4-Dichlorobenzene-d4	30500								
1146-65-2	Naphthalene-d8	125000								
15067-26-2	Acenaphthene-d10	97700								
1517-22-2	Phenanthrene-d10	238000								
1719-03-5	Chrysene-d12	279000								
1520-96-3	Perylene-d12	307000								

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFFMS	SDG No.:	Q3399
Lab Sample ID:	Q3399-01MS	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	89.9
Sample Wt/Vol:	30.08 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064683.D
Acq On : 3 Nov 2025 22:05
Operator : RC/JU
Sample : Q3399-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 04 00:47:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.205	152	30518	20.000	ng		-0.02
21) Naphthalene-d8	11.031	136	124719	20.000	ng		-0.02
39) Acenaphthene-d10	14.833	164	97711	20.000	ng		-0.01
64) Phenanthrene-d10	17.571	188	238341	20.000	ng		-0.01
76) Chrysene-d12	21.842	240	278646	20.000	ng		#-0.02
86) Perylene-d12	25.174	264	306904	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.743	112	161318	88.725	ng		0.00
7) Phenol-d6	7.347	99	227772	91.294	ng		0.00
23) Nitrobenzene-d5	9.369	82	142697	68.721	ng		-0.02
42) 2,4,6-Tribromophenol	16.313	330	168077	119.181	ng		0.00
45) 2-Fluorobiphenyl	13.458	172	383758	59.531	ng		-0.02
79) Terphenyl-d14	20.156	244	884480	59.903	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.569	88	25593	31.794	ng		97
3) Pyridine	3.987	79	73171	30.270	ng		98
4) n-Nitrosodimethylamine	3.893	42	50075	38.629	ng		86
6) Aniline	7.518	93	96754	28.500	ng		98
8) 2-Chlorophenol	7.770	128	97222	51.087	ng		95
9) Benzaldehyde	7.330	77	41376	30.377	ng		94
10) Phenol	7.377	94	127181	46.094	ng		95
11) bis(2-Chloroethyl)ether	7.612	93	84758	41.782	ng		97
12) 1,3-Dichlorobenzene	8.099	146	101499	46.339	ng		96
13) 1,4-Dichlorobenzene	8.246	146	104608	46.969	ng		96
14) 1,2-Dichlorobenzene	8.564	146	103345	48.108	ng		99
15) Benzyl Alcohol	8.440	79	96620	46.963	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.728	45	228727	42.984	ng		99
17) 2-Methylphenol	8.646	107	91462	49.927	ng		98
18) Hexachloroethane	9.310	117	38511	49.274	ng		98
19) n-Nitroso-di-n-propyla...	9.016	70	78604	45.588	ng		99
20) 3+4-Methylphenols	8.969	107	123311	47.864	ng		97
22) Acetophenone	9.034	105	172750	50.670	ng	#	97
24) Nitrobenzene	9.416	77	114675	50.775	ng		96
25) Isophorone	9.944	82	220732	44.300	ng		98
26) 2-Nitrophenol	10.132	139	53095	60.086	ng	#	84
27) 2,4-Dimethylphenol	10.185	122	93864	50.644	ng		93
28) bis(2-Chloroethoxy)met...	10.420	93	124132	43.756	ng		96
29) 2,4-Dichlorophenol	10.673	162	106655	53.471	ng		95
30) 1,2,4-Trichlorobenzene	10.896	180	119732	52.832	ng		99
31) Naphthalene	11.084	128	322262	46.604	ng		98
32) Benzoic acid	10.309	122	78271m	54.276	ng		
33) 4-Chloroaniline	11.178	127	63504	23.628	ng		94
34) Hexachlorobutadiene	11.372	225	90752	51.204	ng		98
35) Caprolactam	11.954	113	31840m	41.620	ng		
36) 4-Chloro-3-methylphenol	12.289	107	122135	50.941	ng		100
37) 2-Methylnaphthalene	12.676	142	216894	42.723	ng		99
38) 1-Methylnaphthalene	12.894	142	226918	45.150	ng		94
40) 1,2,4,5-Tetrachloroben...	13.041	216	180666	55.094	ng		99
41) Hexachlorocyclopentadiene	13.029	237	218454	148.003	ng		96
43) 2,4,6-Trichlorophenol	13.270	196	102706	54.754	ng		97

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064683.D
Acq On : 3 Nov 2025 22:05
Operator : RC/JU
Sample : Q3399-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

Quant Time: Nov 04 00:47:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.340	196	114818	53.043	ng		97
46) 1,1'-Biphenyl	13.669	154	365511	52.617	ng		95
47) 2-Chloronaphthalene	13.716	162	247117	47.128	ng		99
48) 2-Nitroaniline	13.904	65	92902	52.456	ng		93
49) Acenaphthylene	14.557	152	447526	54.110	ng		99
50) Dimethylphthalate	14.280	163	350578	46.888	ng		99
51) 2,6-Dinitrotoluene	14.392	165	72025	57.691	ng		94
52) Acenaphthene	14.897	154	296446	52.462	ng		99
53) 3-Nitroaniline	14.721	138	54127	42.124	ng		99
54) 2,4-Dinitrophenol	14.927	184	86735	112.166	ng	#	36
55) Dibenzofuran	15.226	168	436524	47.784	ng		98
56) 4-Nitrophenol	15.021	139	111684	93.749	ng		92
57) 2,4-Dinitrotoluene	15.173	165	107377	55.766	ng	#	98
58) Fluorene	15.873	166	346869	48.619	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.450	232	113483	54.825	ng		99
60) Diethylphthalate	15.632	149	351361	46.024	ng		98
61) 4-Chlorophenyl-phenyle...	15.861	204	200445	50.064	ng		99
62) 4-Nitroaniline	15.879	138	77086	53.925	ng		88
63) Azobenzene	16.155	77	346233	49.429	ng		97
65) 4,6-Dinitro-2-methylph...	15.937	198	66094	61.322	ng		95
66) n-Nitrosodiphenylamine	16.072	169	320976	49.855	ng		99
67) 4-Bromophenyl-phenylether	16.754	248	147280	52.145	ng		99
68) Hexachlorobenzene	16.877	284	174527	54.164	ng		98
69) Atrazine	17.012	200	146558	52.897	ng		97
70) Pentachlorophenol	17.218	266	138736	69.046	ng		94
71) Phenanthrene	17.612	178	626478	48.065	ng		99
72) Anthracene	17.706	178	637519	48.084	ng		99
73) Carbazole	17.964	167	559713	47.873	ng		99
74) Di-n-butylphthalate	18.517	149	640771	47.395	ng		99
75) Fluoranthene	19.609	202	800886	49.049	ng		97
77) Benzidine	19.774	184	233853	37.459	ng		99
78) Pyrene	19.968	202	824584	45.294	ng		99
80) Butylbenzylphthalate	20.837	149	283110	51.453	ng		97
81) Benzo(a)anthracene	21.825	228	895006	48.442	ng		99
82) 3,3'-Dichlorobenzidine	21.725	252	223522	36.229	ng		98
83) Chrysene	21.889	228	840571	47.814	ng		98
84) Bis(2-ethylhexyl)phtha...	21.725	149	403941	49.131	ng		98
85) Di-n-octyl phthalate	22.982	149	701716	50.622	ng		97
87) Indeno(1,2,3-cd)pyrene	29.010	276	1117590	49.501	ng	#	96
88) Benzo(b)fluoranthene	24.116	252	917327	48.744	ng		99
89) Benzo(k)fluoranthene	24.186	252	938287	49.823	ng		98
90) Benzo(a)pyrene	25.021	252	886118	51.224	ng		99
91) Dibenzo(a,h)anthracene	29.075	278	913373	49.797	ng		99
92) Benzo(g,h,i)perylene	30.197	276	889972	50.793	ng	#	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

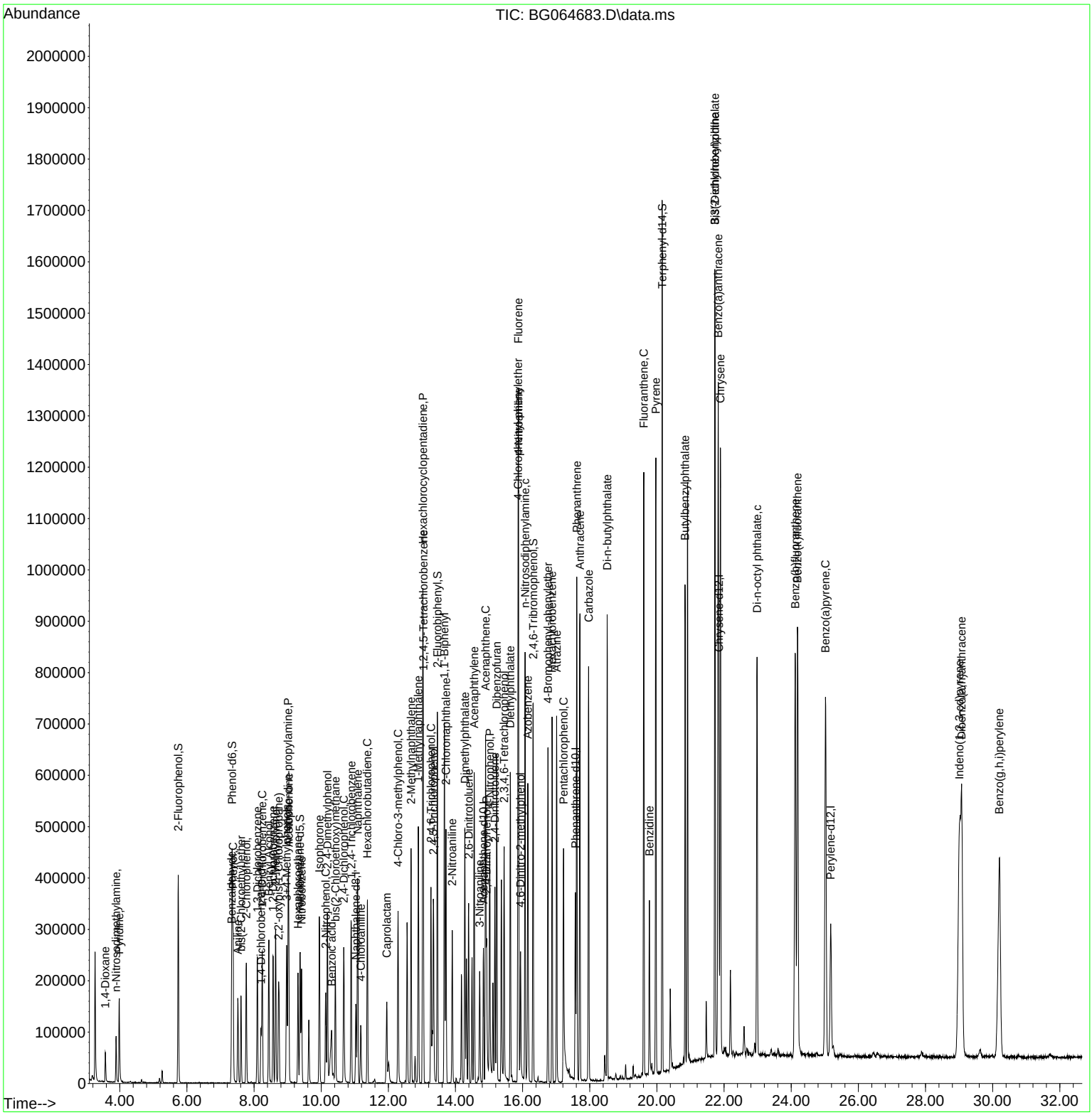
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Data File : BG064683.D
Acq On : 3 Nov 2025 22:05
Operator : RC/JU
Sample : Q3399-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

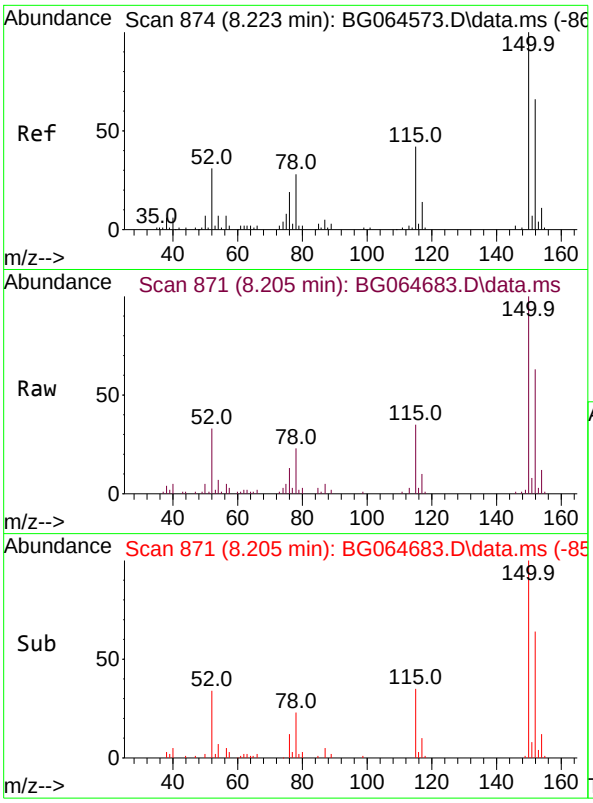
Quant Time: Nov 04 00:47:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

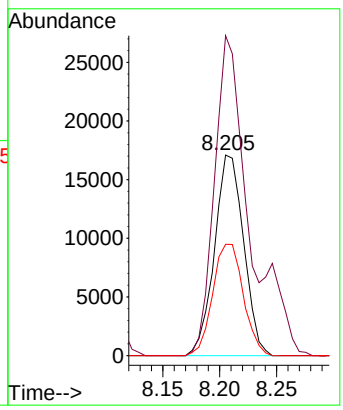




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.205 min Scan# 8
Delta R.T. -0.018 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:152 Resp: 3051

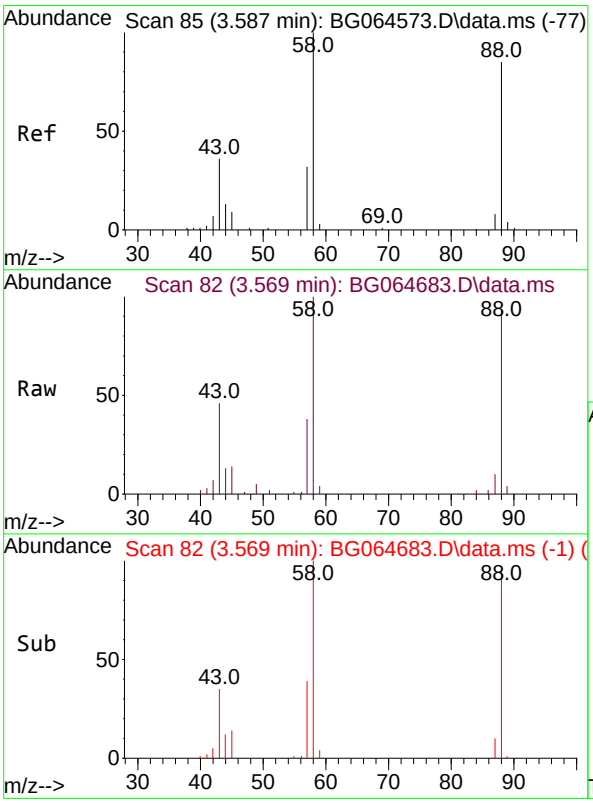
Ion	Ratio	Lower	Upper
152	100		
150	159.5	122.2	183.4
115	55.4	50.8	76.2



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations
APPROVED

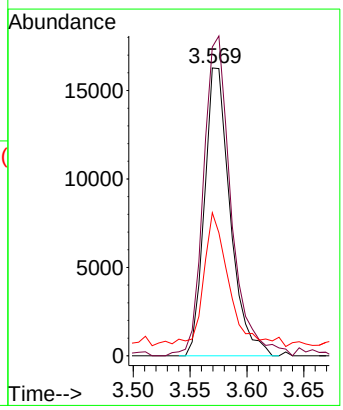
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

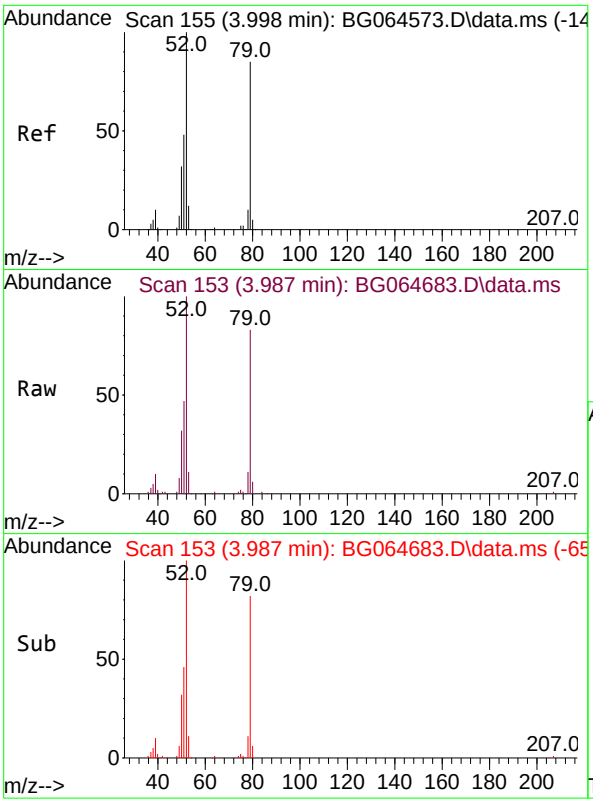


#2
1,4-Dioxane
Concen: 31.794 ng
RT: 3.569 min Scan# 82
Delta R.T. -0.018 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion: 88 Resp: 25593

Ion	Ratio	Lower	Upper
88	100		
58	119.4	92.4	138.6
43	41.3	33.0	49.6

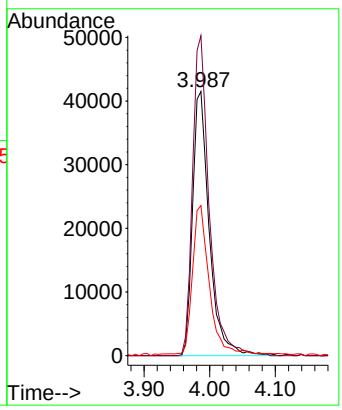




#3
Pyridine
Concen: 30.270 ng
RT: 3.987 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion: 79 Resp: 7317

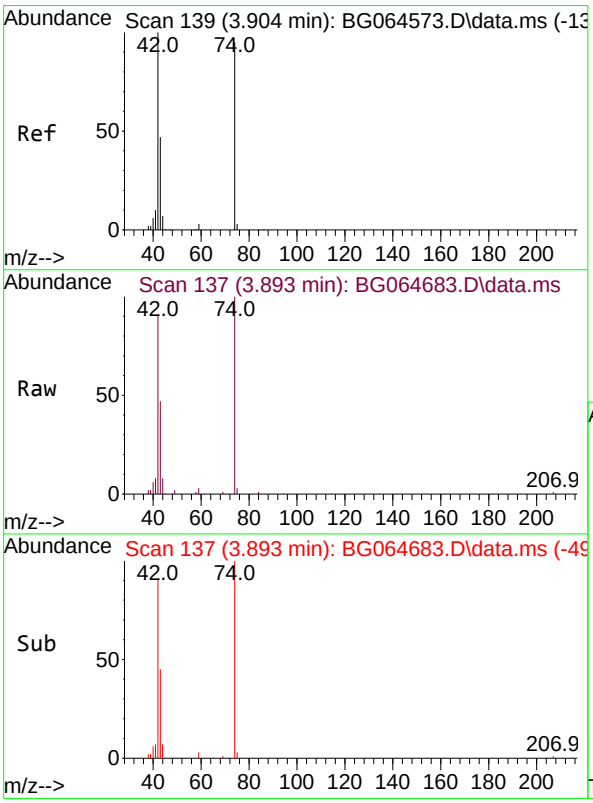
Ion	Ratio	Lower	Upper
79	100		
52	121.2	94.2	141.2
51	56.8	46.1	69.1



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations
APPROVED

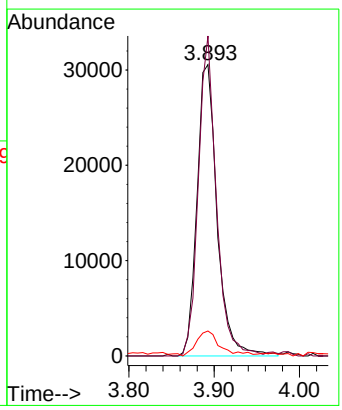
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

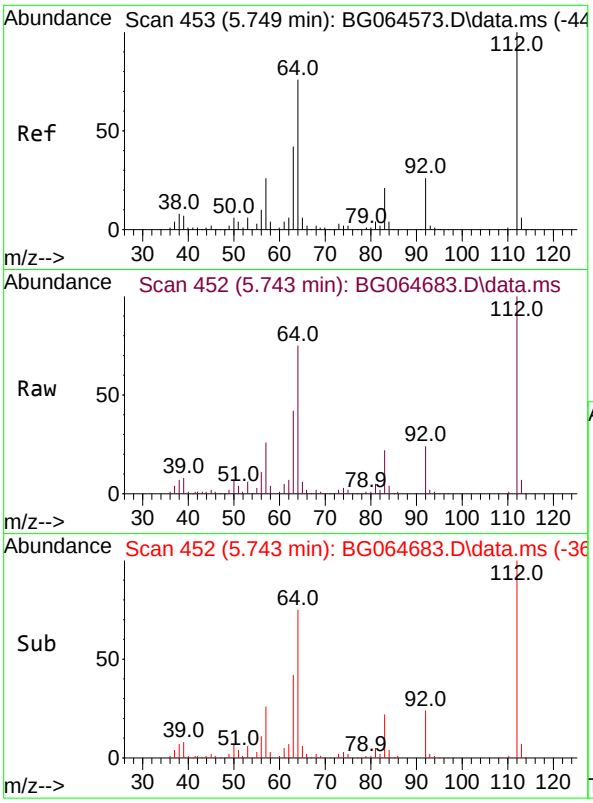


#4
n-Nitrosodimethylamine
Concen: 38.629 ng
RT: 3.893 min Scan# 137
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion: 42 Resp: 50075

Ion	Ratio	Lower	Upper
42	100		
74	109.9	76.1	114.1
44	8.6	6.3	9.5





#5
2-Fluorophenol
Concen: 88.725 ng
RT: 5.743 min Scan# 4
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

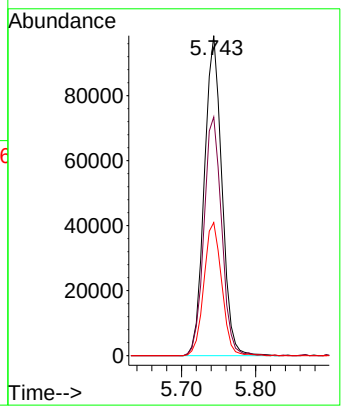
Tgt Ion:112 Resp: 161318

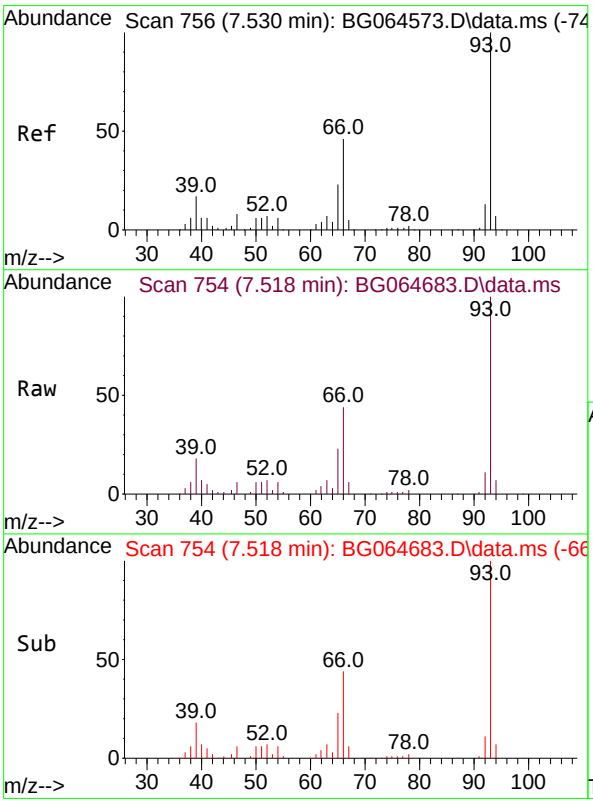
Ion	Ratio	Lower	Upper
112	100		
64	74.6	60.7	91.1
63	41.6	33.4	50.0

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

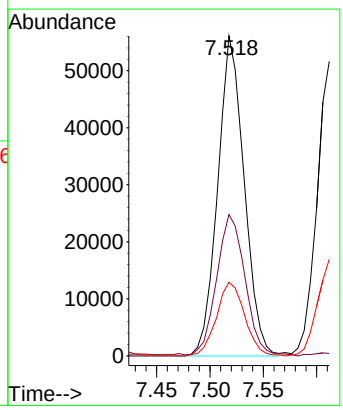


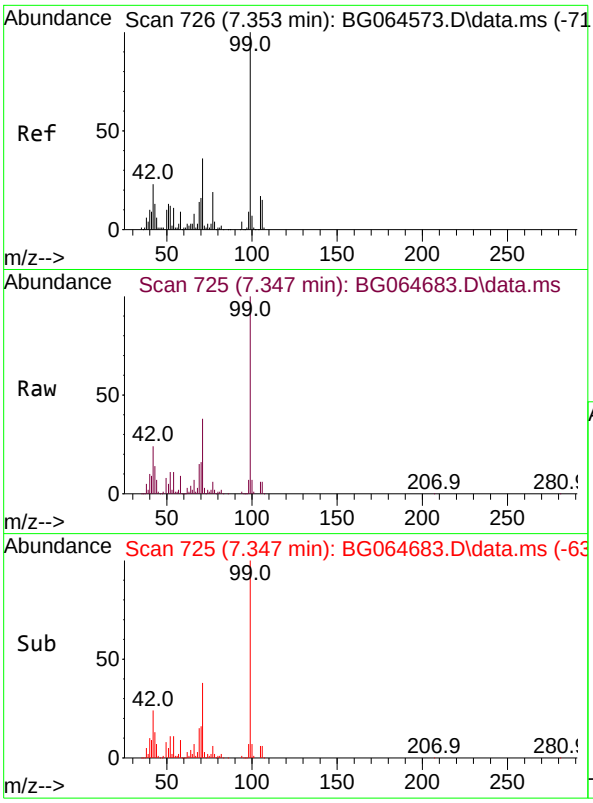


#6
Aniline
Concen: 28.500 ng
RT: 7.518 min Scan# 754
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion: 93 Resp: 96754

Ion	Ratio	Lower	Upper
93	100		
66	44.2	37.0	55.6
65	23.1	18.3	27.5

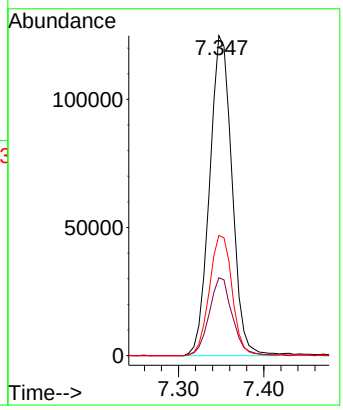




#7
Phenol-d6
Concen: 91.294 ng
RT: 7.347 min Scan# 7
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion: 99 Resp: 22777

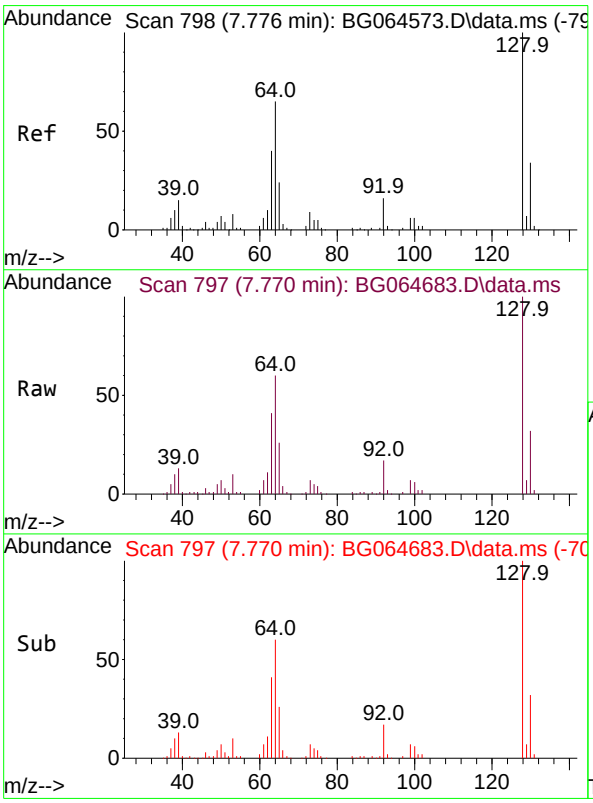
Ion	Ratio	Lower	Upper
99	100		
42	24.3	18.3	27.5
71	37.5	28.6	43.0



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations
APPROVED

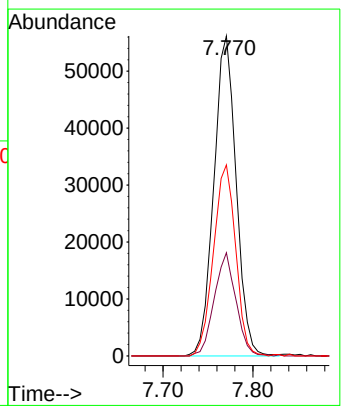
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

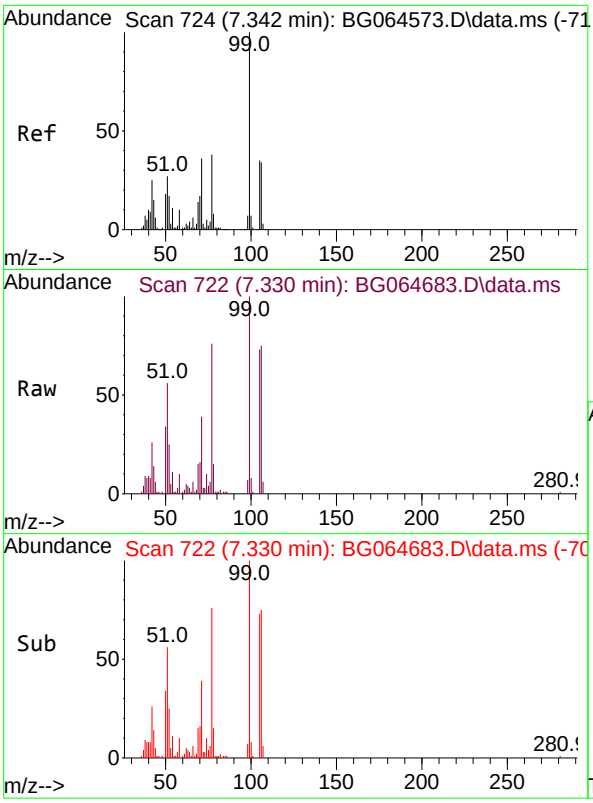


#8
2-Chlorophenol
Concen: 51.087 ng
RT: 7.770 min Scan# 797
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:128 Resp: 97222

Ion	Ratio	Lower	Upper
128	100		
130	32.2	13.5	53.5
64	59.7	45.2	85.2

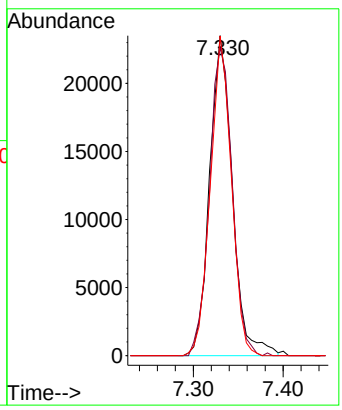




#9
Benzaldehyde
Concen: 30.377 ng
RT: 7.330 min Scan# 7
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion: 77 Resp: 4137

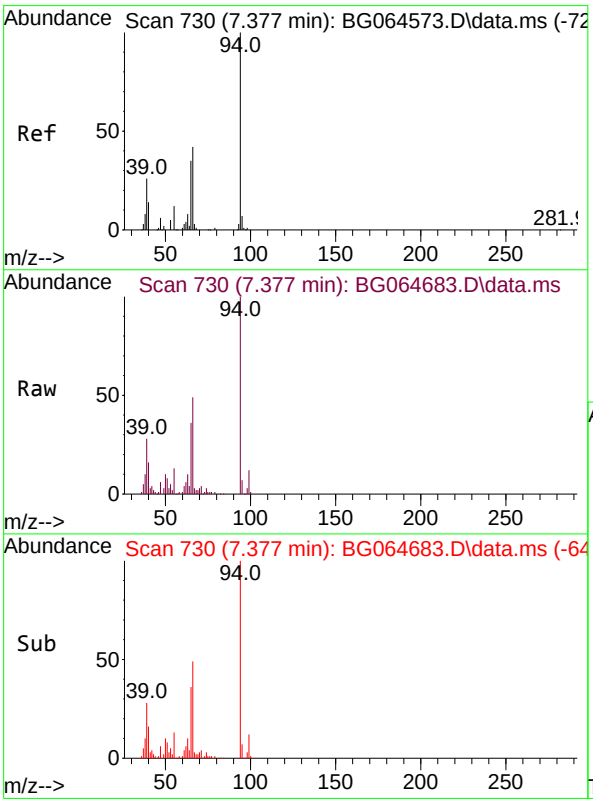
Ion	Ratio	Lower	Upper
77	100		
105	96.2	72.9	112.9
106	99.9	70.8	110.8



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations
APPROVED

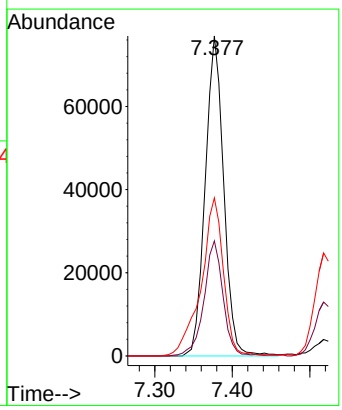
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

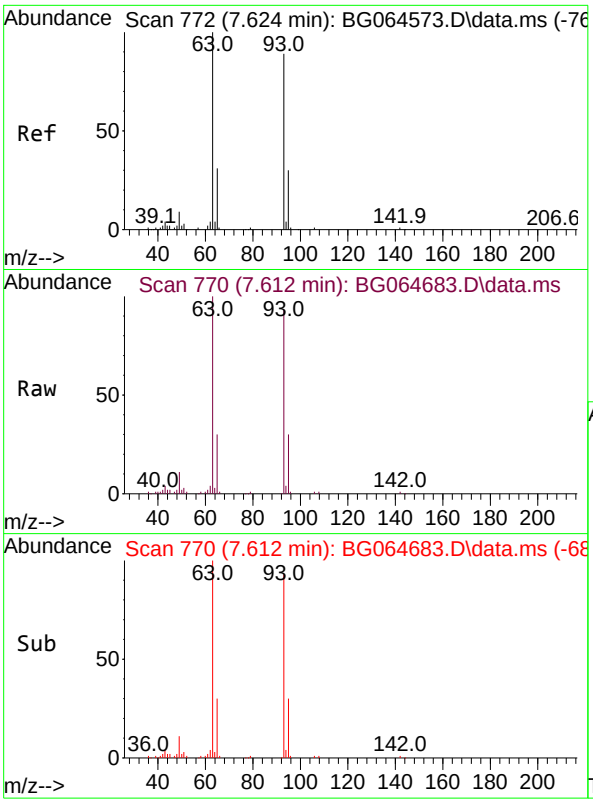


#10
Phenol
Concen: 46.094 ng
RT: 7.377 min Scan# 730
Delta R.T. -0.000 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion: 94 Resp: 127181

Ion	Ratio	Lower	Upper
94	100		
65	35.9	15.8	55.8
66	49.4	24.0	64.0

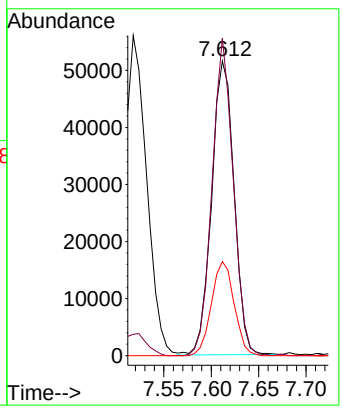




#11
bis(2-Chloroethyl)ether
Concen: 41.782 ng
RT: 7.612 min Scan# 7
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion: 93 Resp: 8475

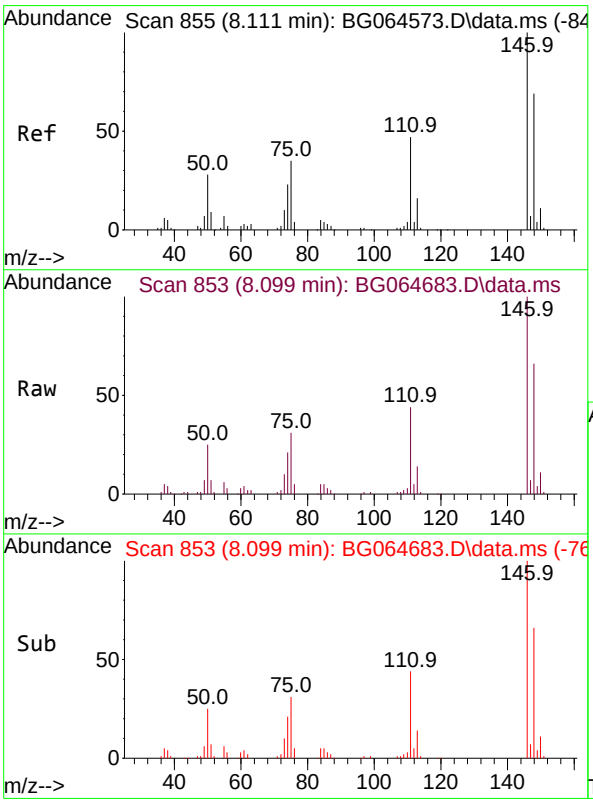
Ion	Ratio	Lower	Upper
93	100		
63	107.8	91.3	131.3
95	31.9	13.3	53.3



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations
APPROVED

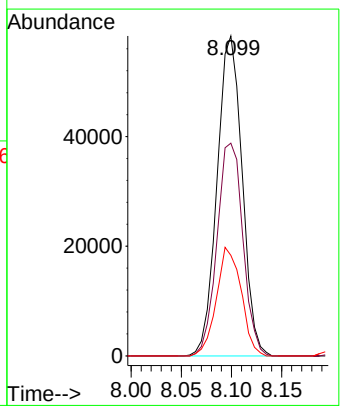
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

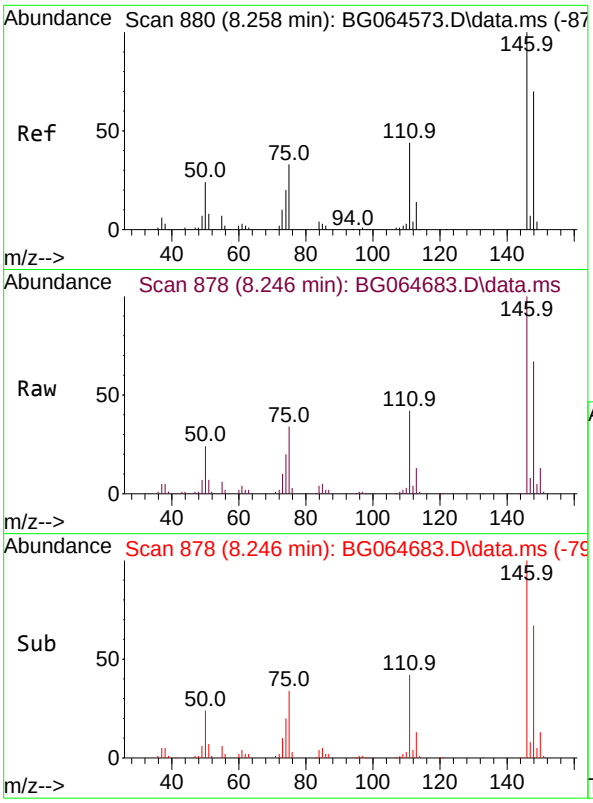


#12
1,3-Dichlorobenzene
Concen: 46.339 ng
RT: 8.099 min Scan# 853
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:146 Resp: 101499

Ion	Ratio	Lower	Upper
146	100		
148	66.5	55.3	82.9
75	31.4	28.2	42.2

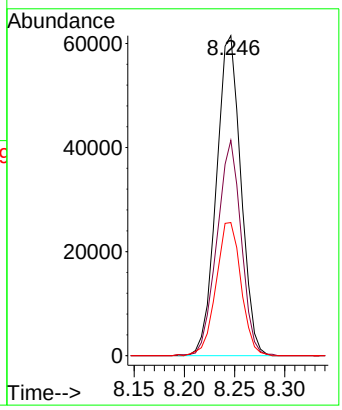




#13
1,4-Dichlorobenzene
Concen: 46.969 ng
RT: 8.246 min Scan# 8
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:146 Resp: 10460

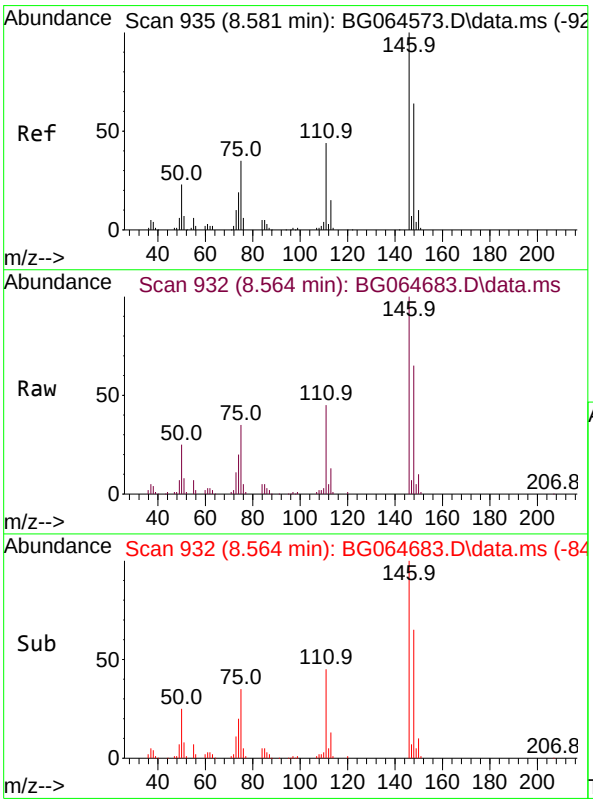
Ion	Ratio	Lower	Upper
146	100		
148	67.3	56.2	84.4
111	41.6	35.4	53.0



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations
APPROVED

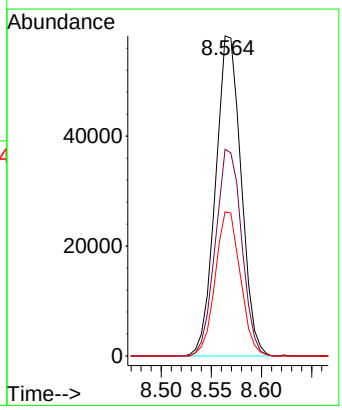
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

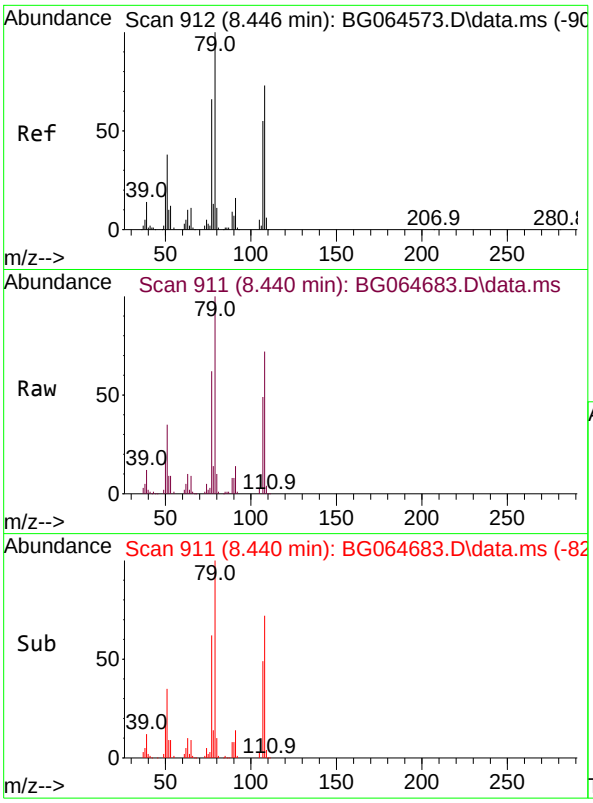


#14
1,2-Dichlorobenzene
Concen: 48.108 ng
RT: 8.564 min Scan# 932
Delta R.T. -0.018 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:146 Resp: 103345

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.5	77.3
111	45.0	35.0	52.6

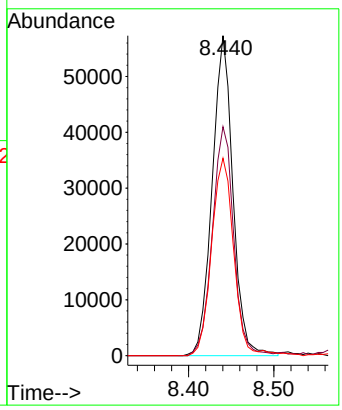




#15
Benzyl Alcohol
Concen: 46.963 ng
RT: 8.440 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion: 79 Resp: 9662

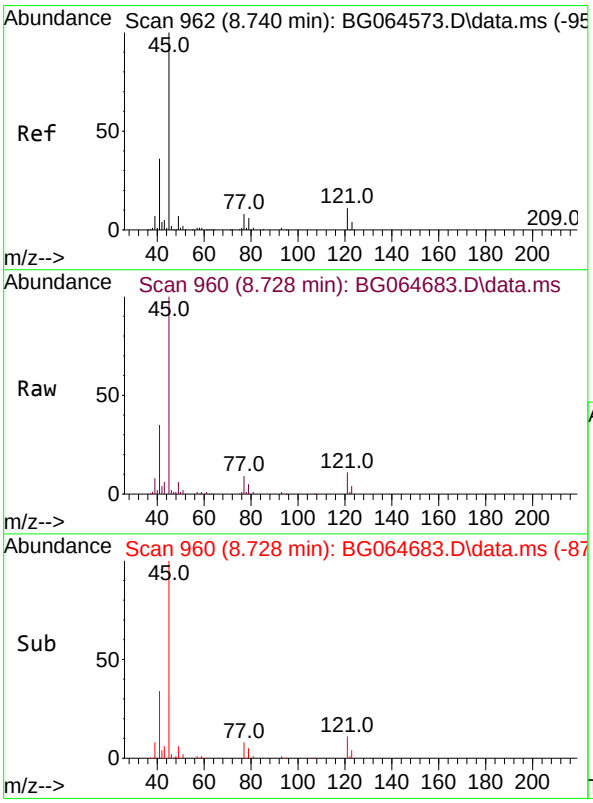
Ion	Ratio	Lower	Upper
79	100		
108	71.5	58.1	87.1
77	61.7	52.8	79.2



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations
APPROVED

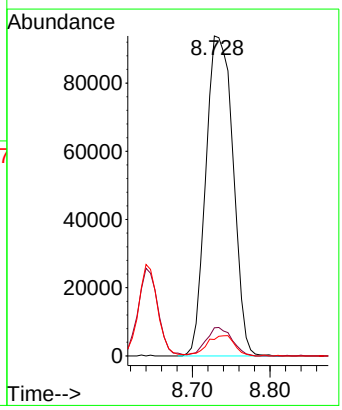
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

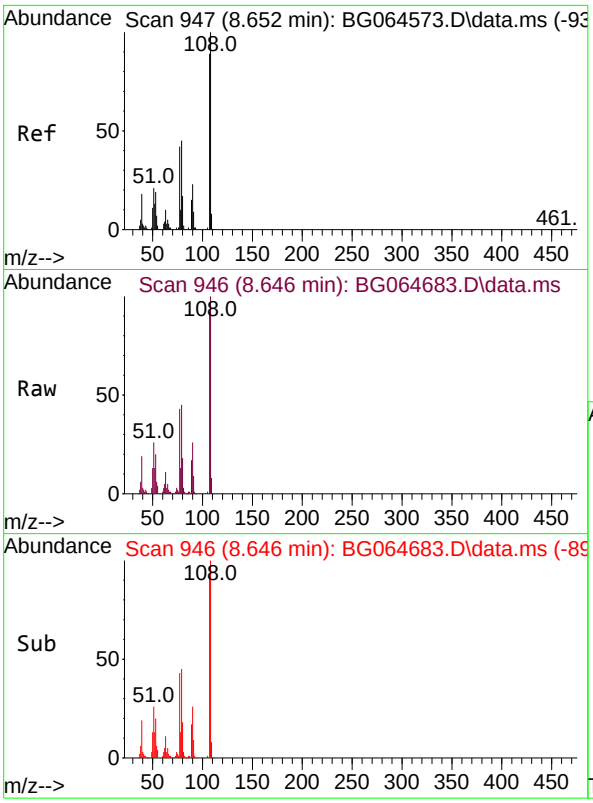


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.984 ng
RT: 8.728 min Scan# 960
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion: 45 Resp: 228727

Ion	Ratio	Lower	Upper
45	100		
77	8.8	0.0	28.5
79	5.2	0.0	25.6

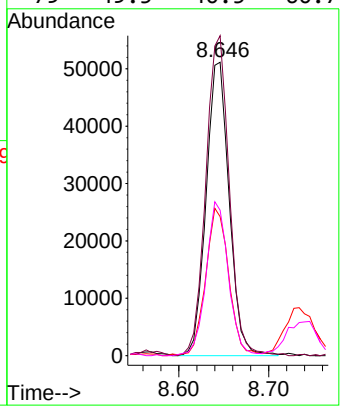




#17
2-Methylphenol
Concen: 49.927 ng
RT: 8.646 min Scan# 94
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:107 Resp: 9146

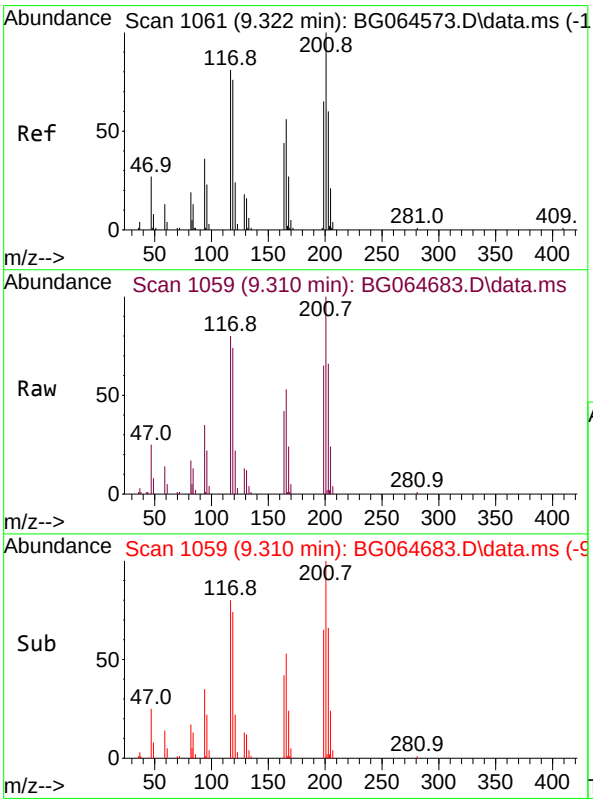
Ion	Ratio	Lower	Upper
107	100		
108	109.1	90.0	135.0
77	47.4	37.8	56.8
79	49.5	40.5	60.7



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations
APPROVED

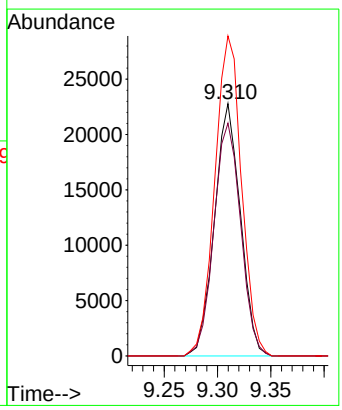
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

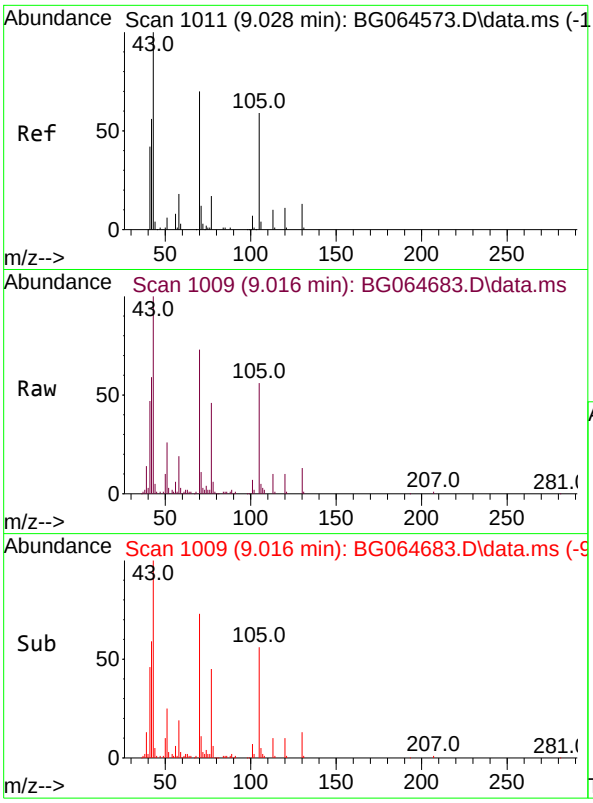


#18
Hexachloroethane
Concen: 49.274 ng
RT: 9.310 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:117 Resp: 38511

Ion	Ratio	Lower	Upper
117	100		
119	92.2	75.4	113.2
201	126.8	99.2	148.8

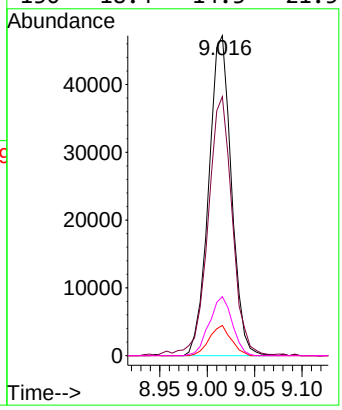




#19
n-Nitroso-di-n-propylamine
Concen: 45.588 ng
RT: 9.016 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion: 70 Resp: 7860

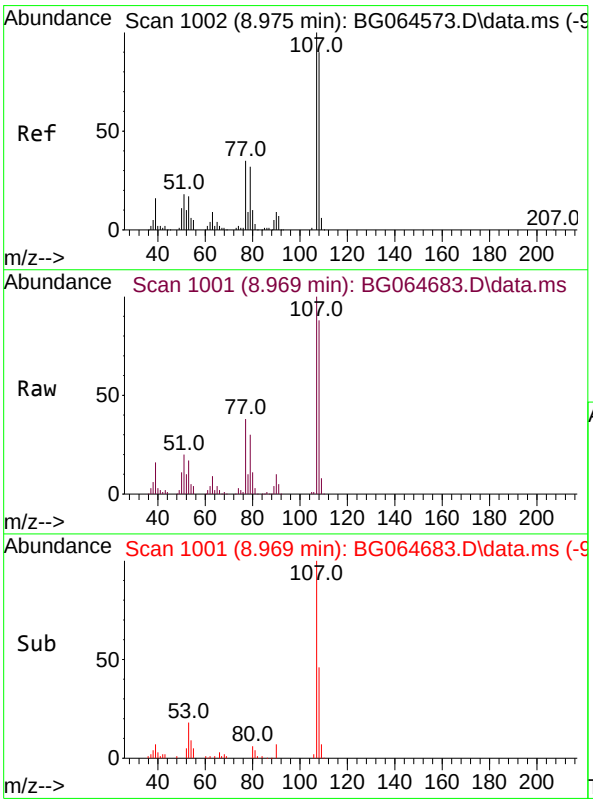
Ion	Ratio	Lower	Upper
70	100		
42	80.9	65.2	97.8
101	9.4	7.9	11.9
130	18.4	14.3	21.5



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations
APPROVED

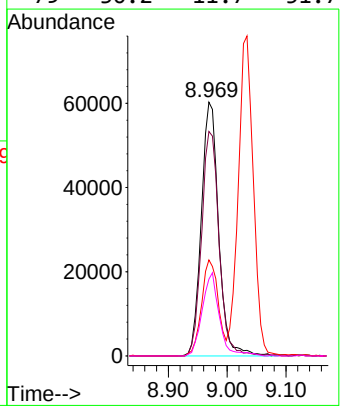
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

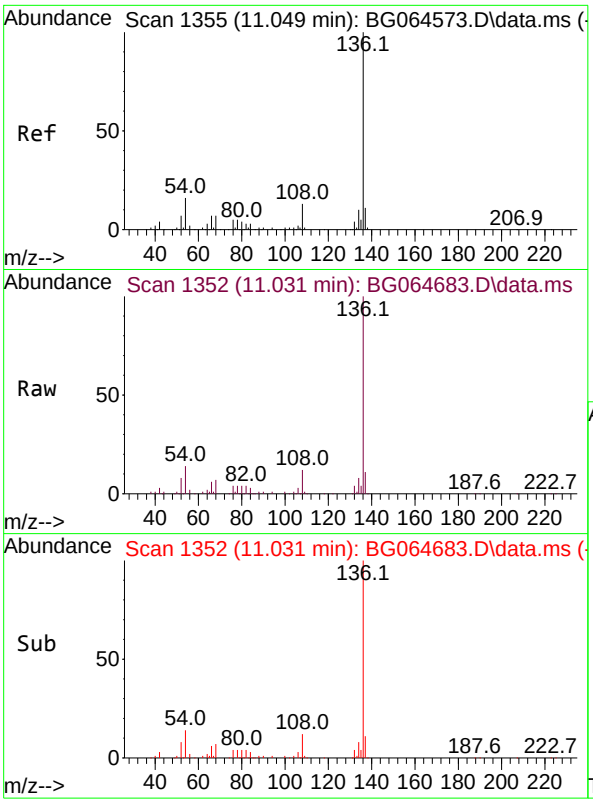


#20
3+4-Methylphenols
Concen: 47.864 ng
RT: 8.969 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:107 Resp: 123311

Ion	Ratio	Lower	Upper
107	100		
108	88.4	70.3	110.3
77	37.8	14.6	54.6
79	30.2	11.7	51.7

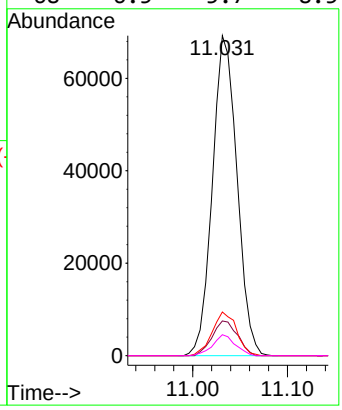




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.031 min Scan# 1
Delta R.T. -0.018 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:136 Resp: 12471

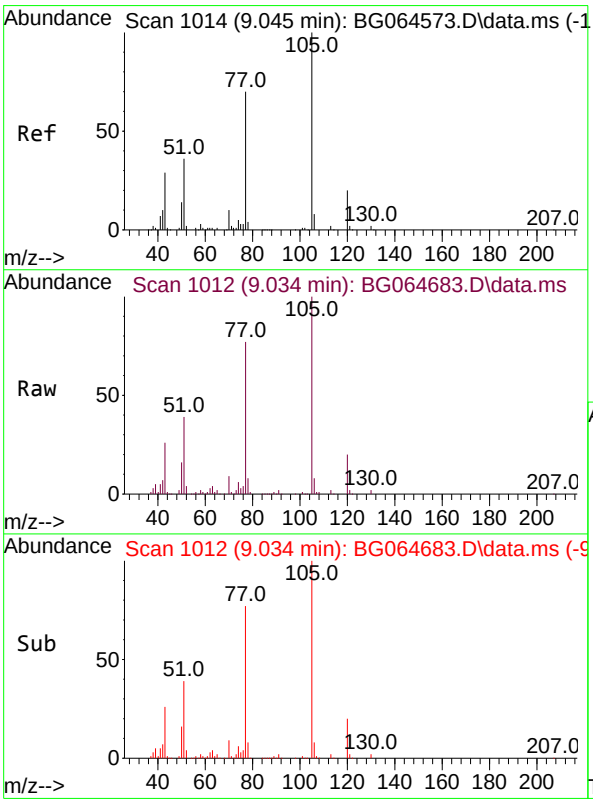
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	13.6	12.6	19.0
68	6.5	5.7	8.5



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations
APPROVED

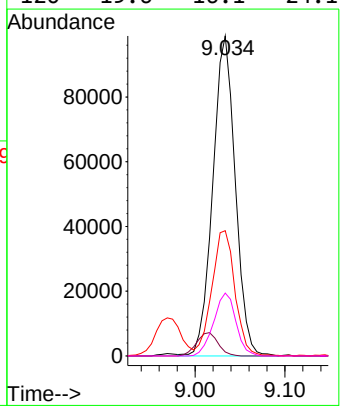
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

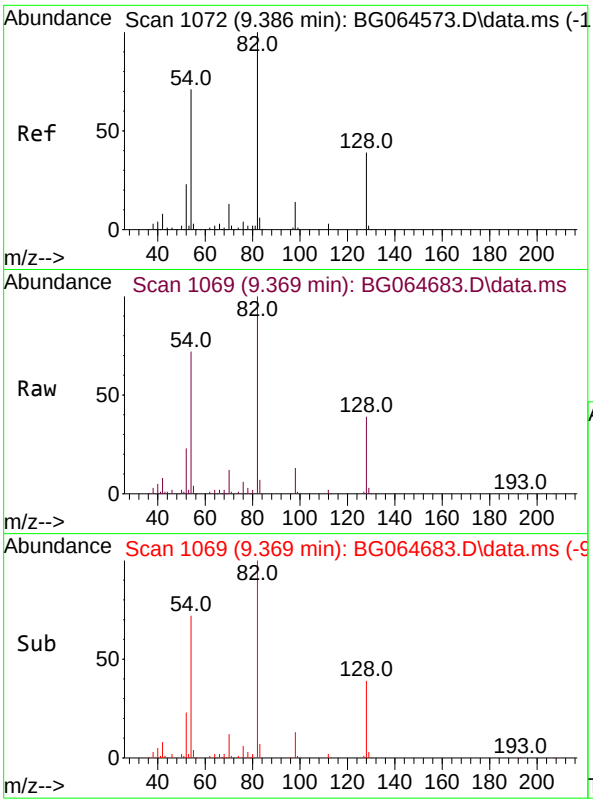


#22
Acetophenone
Concen: 50.670 ng
RT: 9.034 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:105 Resp: 172750

Ion	Ratio	Lower	Upper
105	100		
71	1.3	1.5	2.3#
51	39.1	33.7	50.5
120	19.6	16.1	24.1

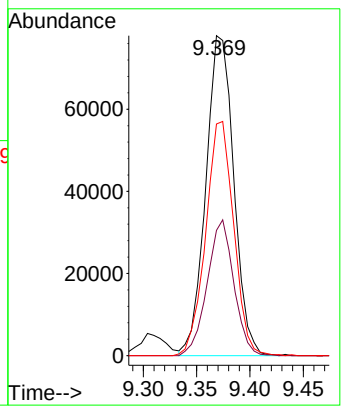




#23
Nitrobenzene-d5
Concen: 68.721 ng
RT: 9.369 min Scan# 1
Delta R.T. -0.018 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion: 82 Resp: 14269

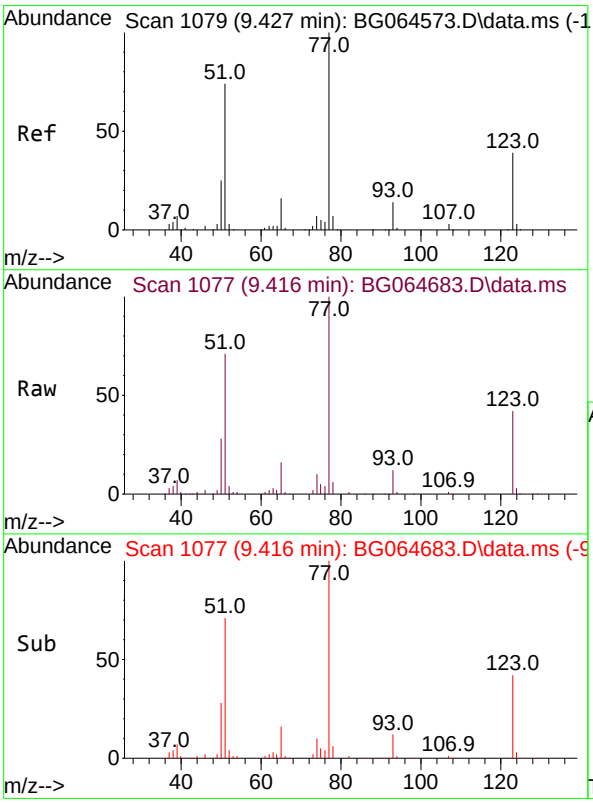
Ion	Ratio	Lower	Upper
82	100		
128	39.1	31.3	46.9
54	72.4	56.6	84.8



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations
APPROVED

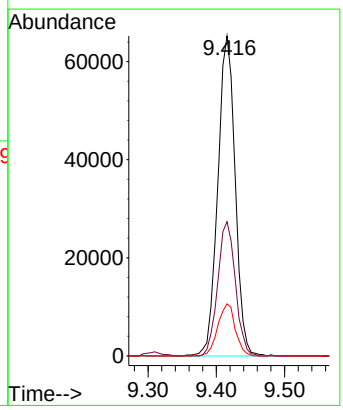
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

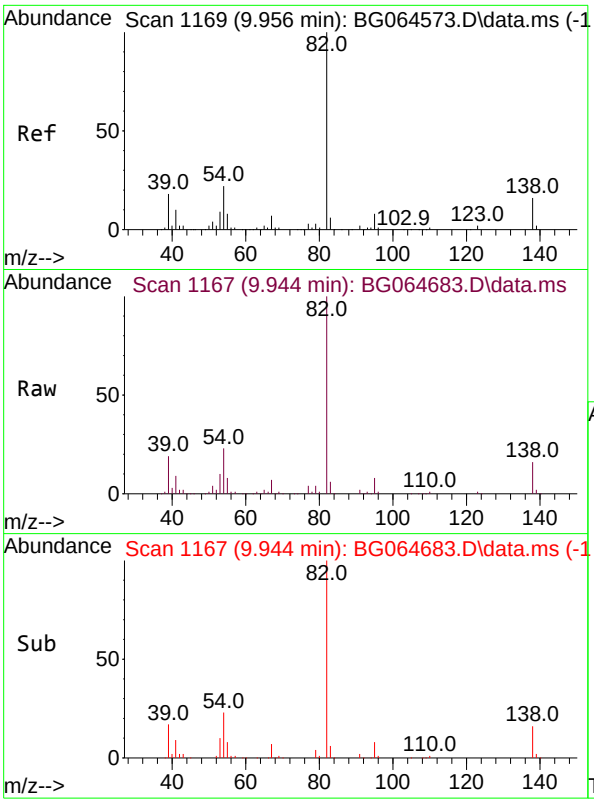


#24
Nitrobenzene
Concen: 50.775 ng
RT: 9.416 min Scan# 1077
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion: 77 Resp: 114675

Ion	Ratio	Lower	Upper
77	100		
123	41.9	31.0	46.6
65	16.3	12.7	19.1

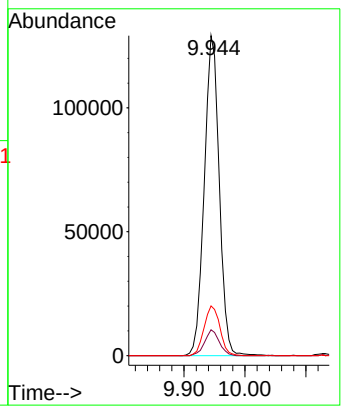




#25
Isophorone
Concen: 44.300 ng
RT: 9.944 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion: 82 Resp: 22073

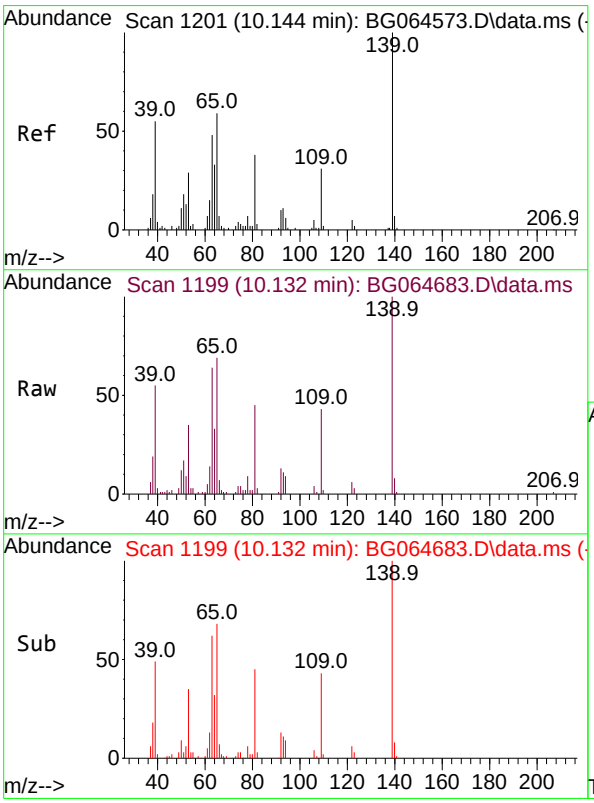
Ion	Ratio	Lower	Upper
82	100		
95	8.1	6.1	9.1
138	15.5	13.0	19.4



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations
APPROVED

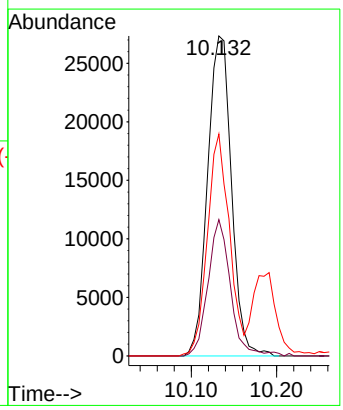
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

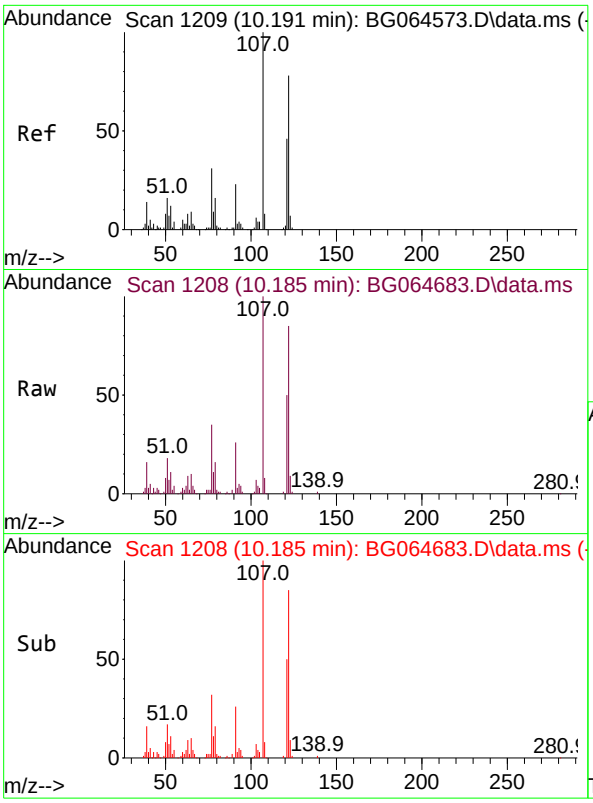


#26
2-Nitrophenol
Concen: 60.086 ng
RT: 10.132 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:139 Resp: 53095

Ion	Ratio	Lower	Upper
139	100		
109	42.6	24.6	37.0#
65	69.3	47.5	71.3

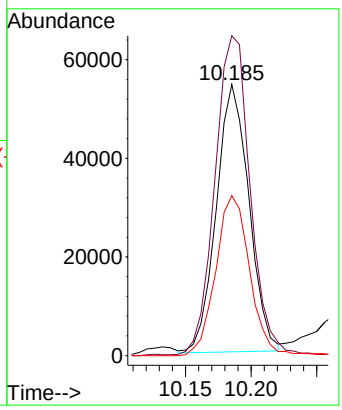




#27
2,4-Dimethylphenol
Concen: 50.644 ng
RT: 10.185 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:122 Resp: 9386

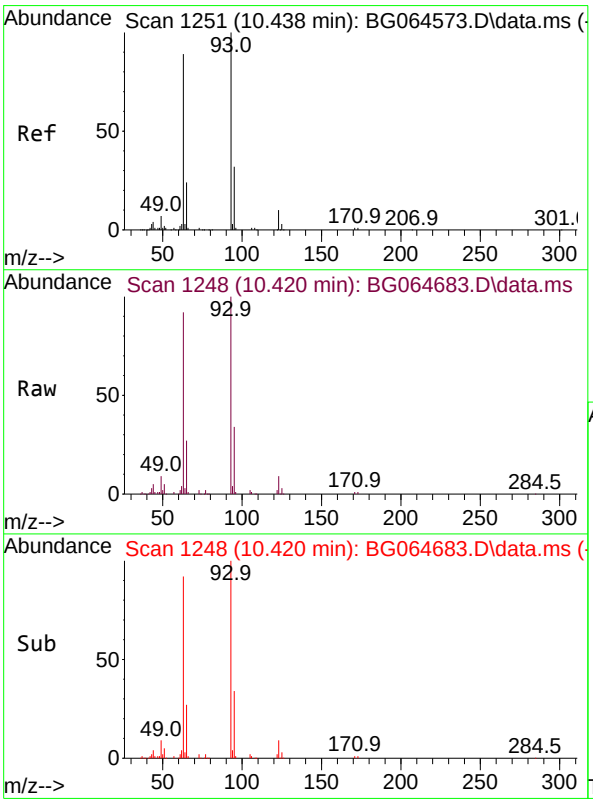
Ion	Ratio	Lower	Upper
122	100		
107	118.0	103.0	154.4
121	59.0	47.8	71.8



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations
APPROVED

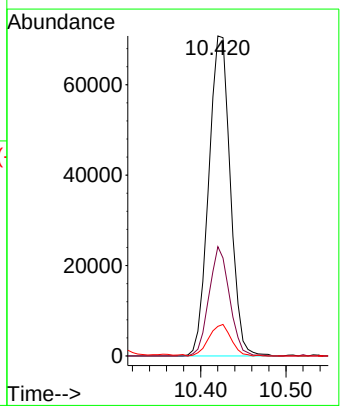
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

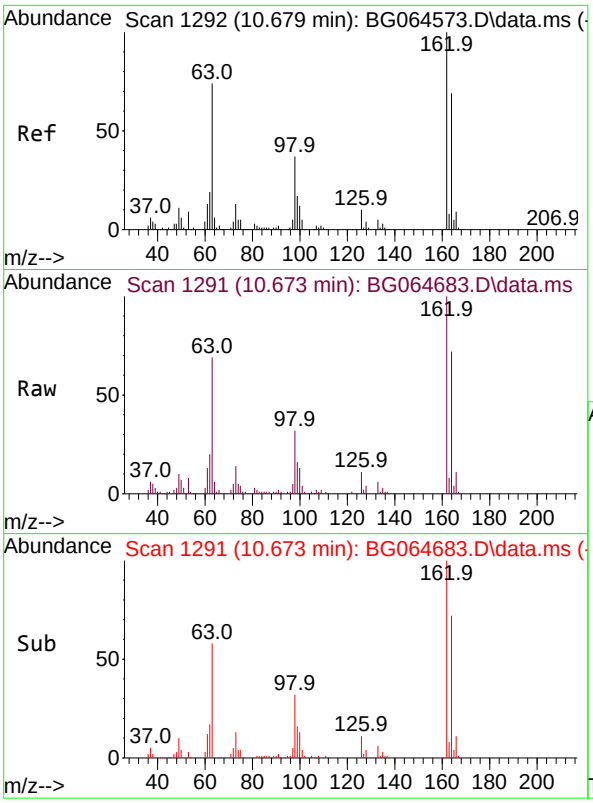


#28
bis(2-Chloroethoxy)methane
Concen: 43.756 ng
RT: 10.420 min Scan# 1248
Delta R.T. -0.018 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion: 93 Resp: 124132

Ion	Ratio	Lower	Upper
93	100		
95	34.1	25.4	38.2
123	9.2	8.4	12.6

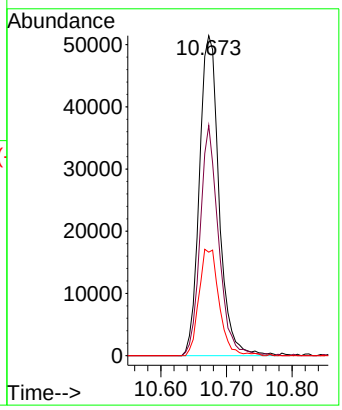




#29
2,4-Dichlorophenol
Concen: 53.471 ng
RT: 10.673 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:162 Resp: 10665

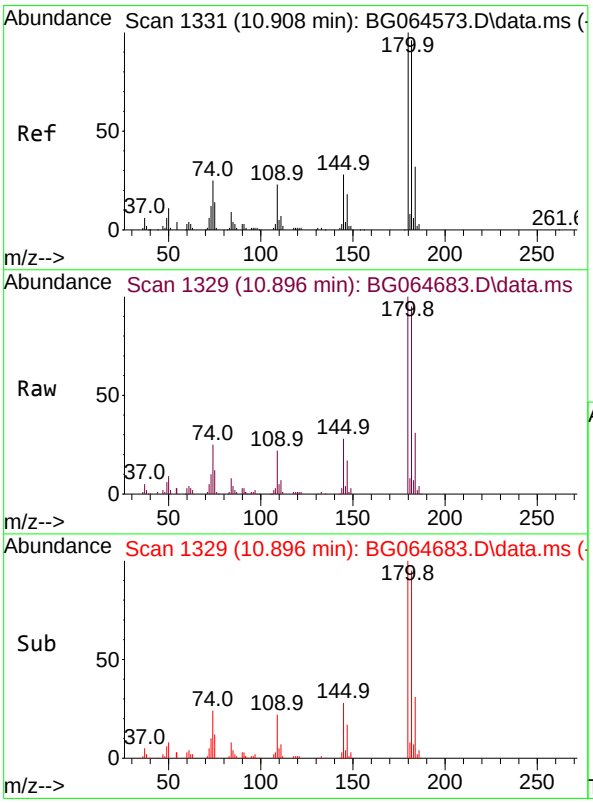
Ion	Ratio	Lower	Upper
162	100		
164	71.9	48.7	88.7
98	32.3	16.9	56.9



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations
APPROVED

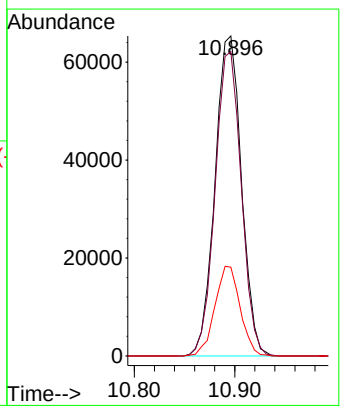
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

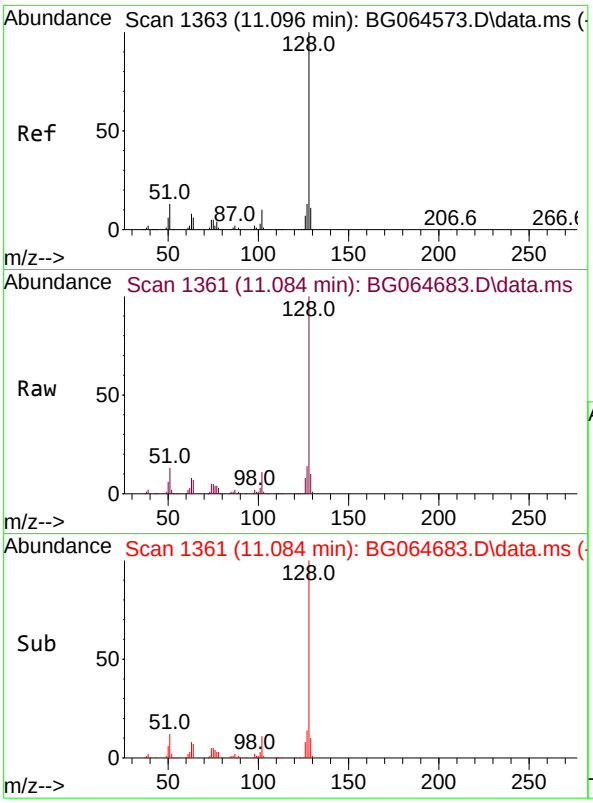


#30
1,2,4-Trichlorobenzene
Concen: 52.832 ng
RT: 10.896 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:180 Resp: 119732

Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.9	115.3
145	27.7	22.1	33.1

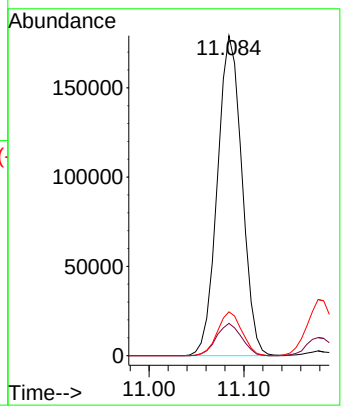




#31
Naphthalene
Concen: 46.604 ng
RT: 11.084 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:128 Resp: 32226

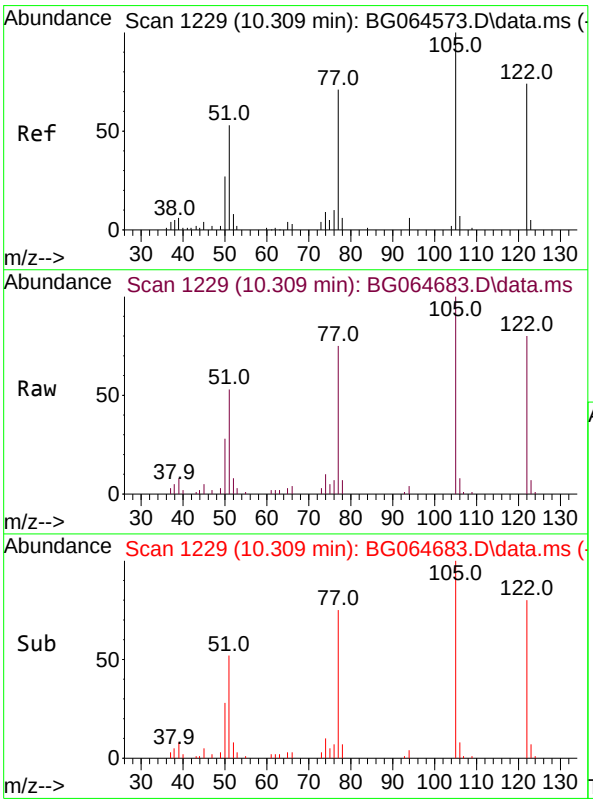
Ion	Ratio	Lower	Upper
128	100		
129	10.1	8.8	13.2
127	13.7	10.6	15.8



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations
APPROVED

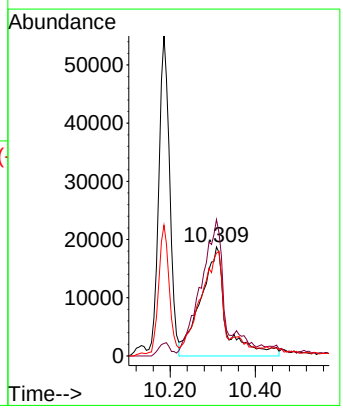
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

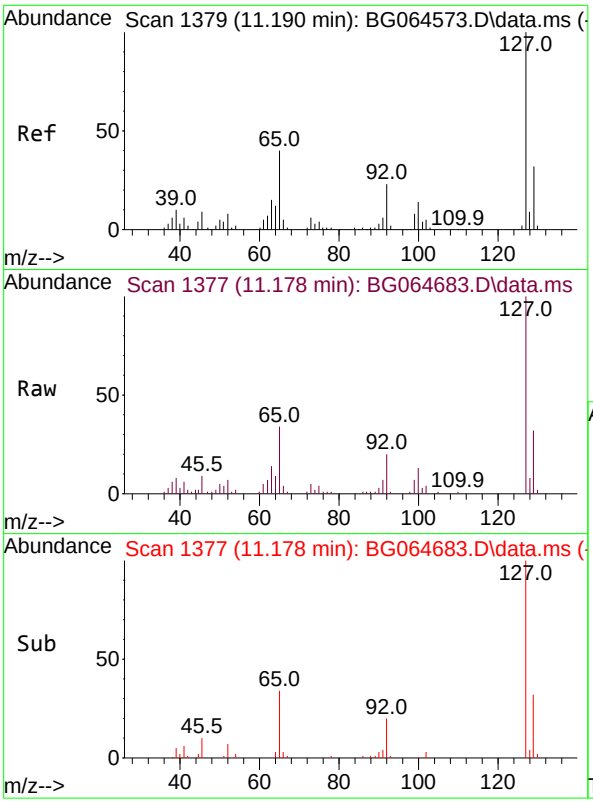


#32
Benzoic acid
Concen: 54.276 ng m
RT: 10.309 min Scan# 1229
Delta R.T. -0.000 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:122 Resp: 78271

Ion	Ratio	Lower	Upper
122	100		
105	125.3	104.2	144.2
77	94.5	70.2	110.2

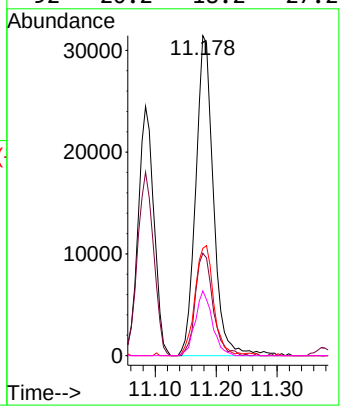




#33
4-Chloroaniline
Concen: 23.628 ng
RT: 11.178 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:127 Resp: 6350

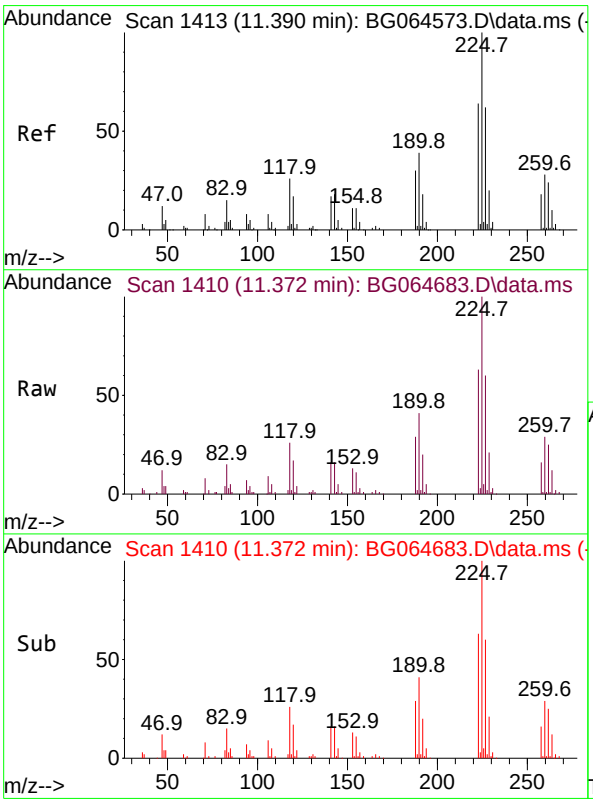
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.5	38.3
65	33.5	32.2	48.4
92	20.2	18.2	27.2



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations
APPROVED

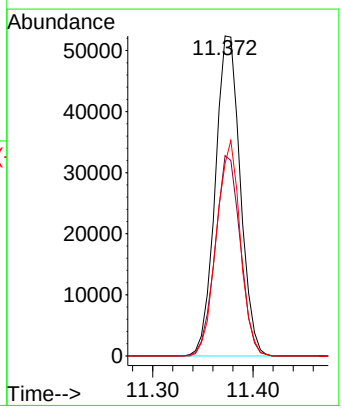
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

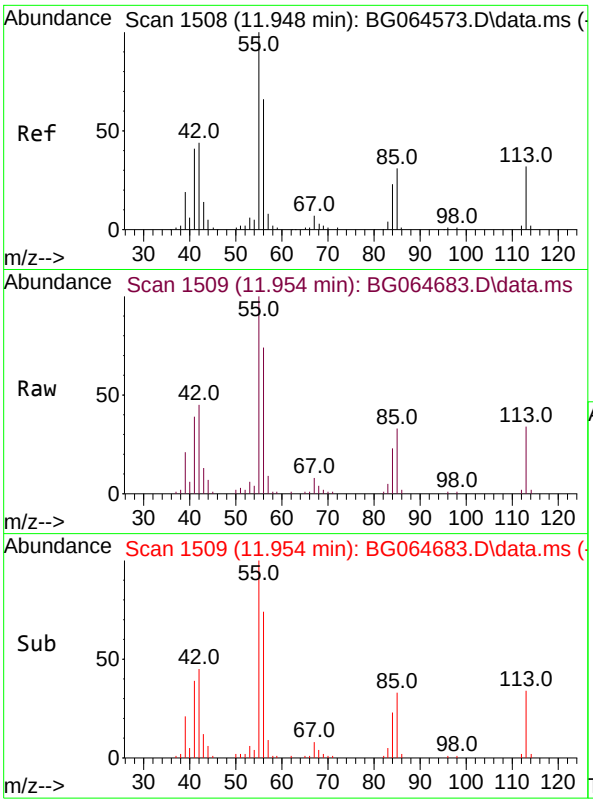


#34
Hexachlorobutadiene
Concen: 51.204 ng
RT: 11.372 min Scan# 1410
Delta R.T. -0.018 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:225 Resp: 90752

Ion	Ratio	Lower	Upper
225	100		
223	59.6	48.8	73.2
227	59.6	49.5	74.3

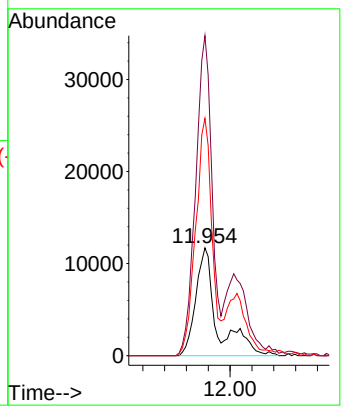




#35
Caprolactam
Concen: 41.620 ng m
RT: 11.954 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:113 Resp: 3184

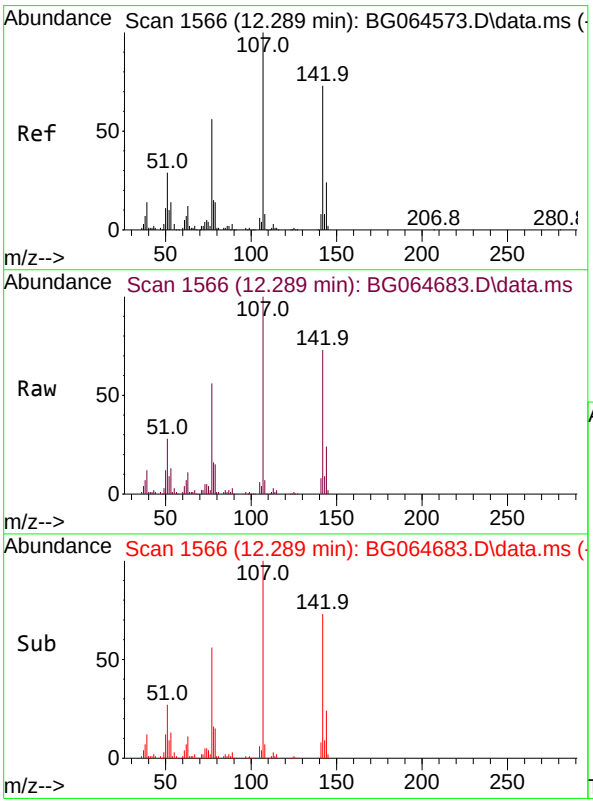
Ion	Ratio	Lower	Upper
113	100		
55	296.9	290.1	330.1
56	220.0	183.8	223.8



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations
APPROVED

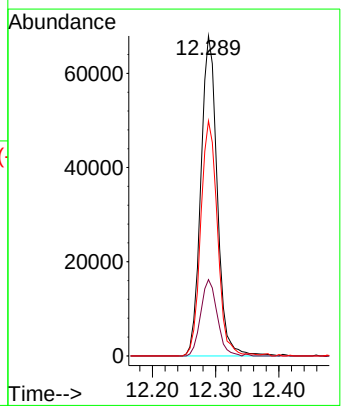
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

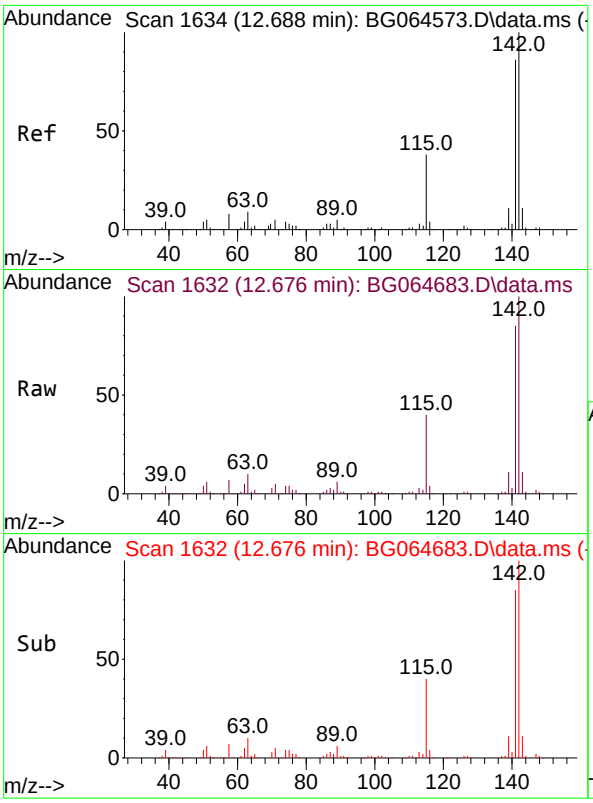


#36
4-Chloro-3-methylphenol
Concen: 50.941 ng
RT: 12.289 min Scan# 1566
Delta R.T. -0.000 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:107 Resp: 122135

Ion	Ratio	Lower	Upper
107	100		
144	23.8	19.1	28.7
142	73.4	58.6	87.8

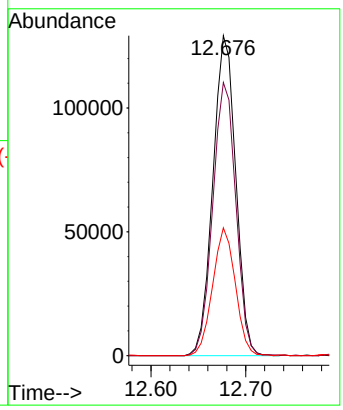




#37
2-Methylnaphthalene
Concen: 42.723 ng
RT: 12.676 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:142 Resp: 21689

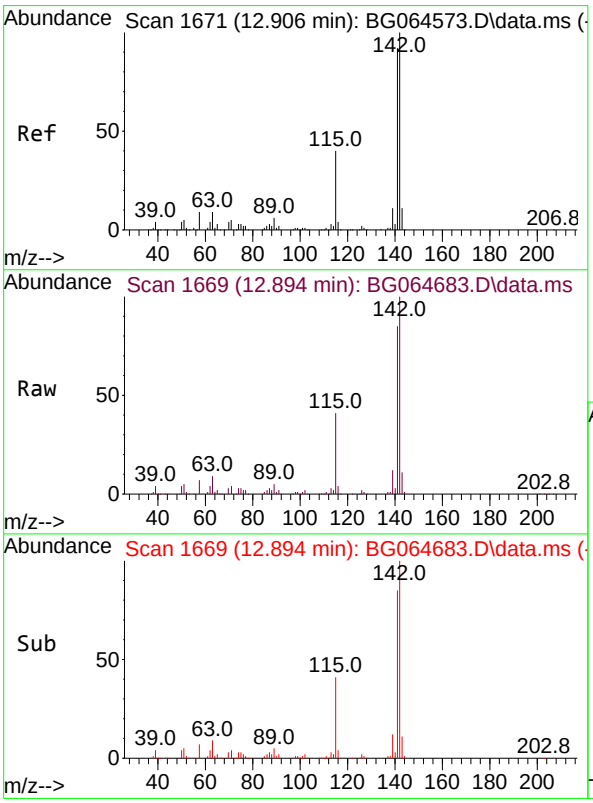
Ion	Ratio	Lower	Upper
142	100		
141	85.3	68.9	103.3
115	39.9	30.6	46.0



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations
APPROVED

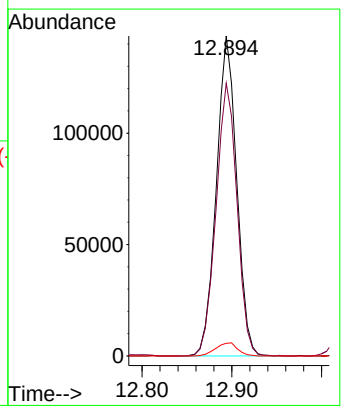
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

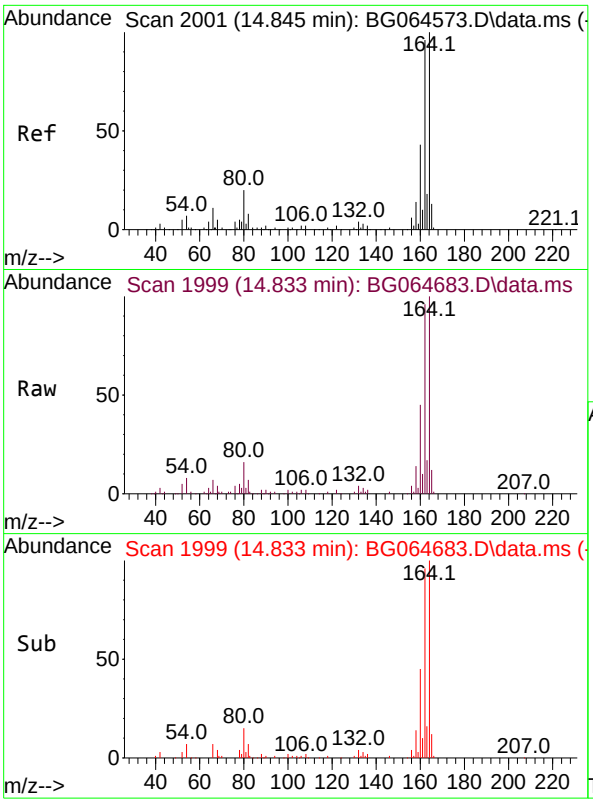


#38
1-Methylnaphthalene
Concen: 45.150 ng
RT: 12.894 min Scan# 1669
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:142 Resp: 226918

Ion	Ratio	Lower	Upper
142	100		
141	85.2	73.3	109.9
116	3.9	3.1	4.7

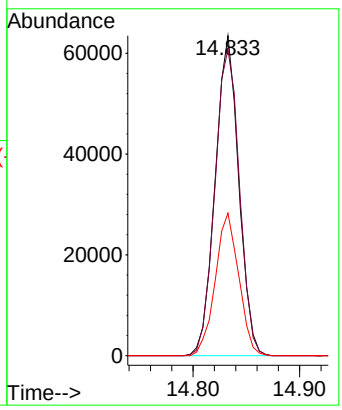




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.833 min Scan# 19
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:164 Resp: 9771

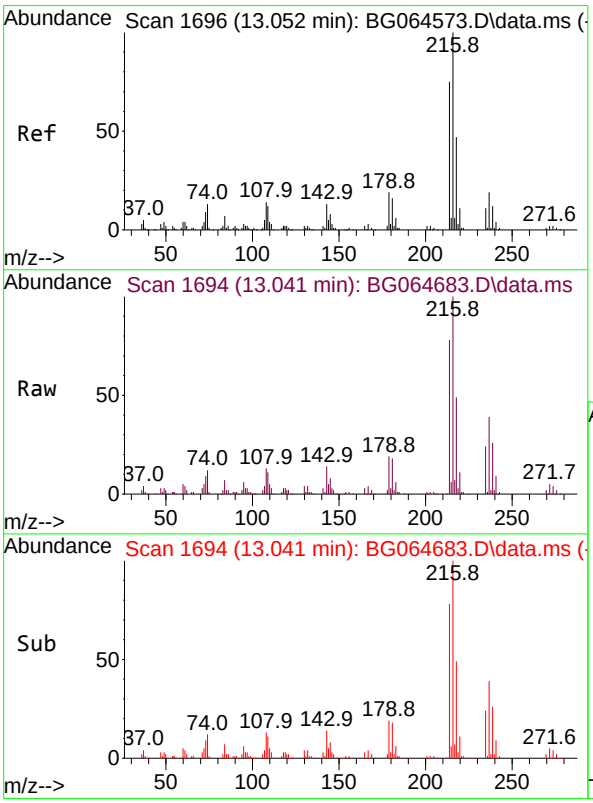
Ion	Ratio	Lower	Upper
164	100		
162	95.7	77.0	115.6
160	44.5	34.4	51.6



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations
APPROVED

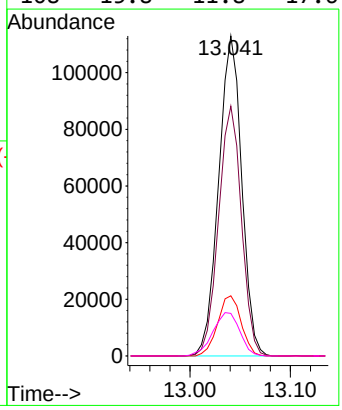
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

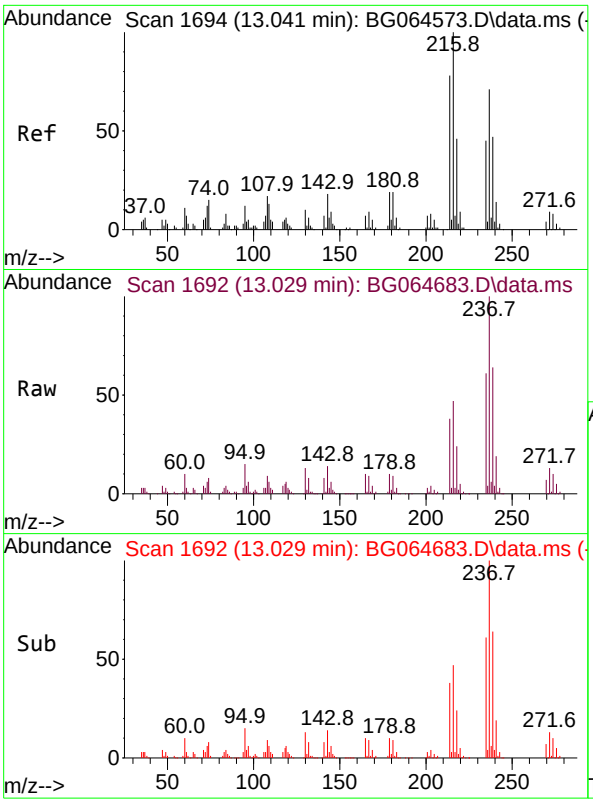


#40
1,2,4,5-Tetrachlorobenzene
Concen: 55.094 ng
RT: 13.041 min Scan# 1694
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:216 Resp: 180666

Ion	Ratio	Lower	Upper
216	100		
214	77.2	61.4	92.2
179	19.1	15.4	23.0
108	15.8	11.8	17.6

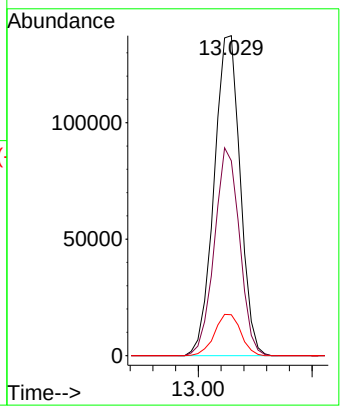




#41
Hexachlorocyclopentadiene
Concen: 148.003 ng
RT: 13.029 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:237 Resp: 21845

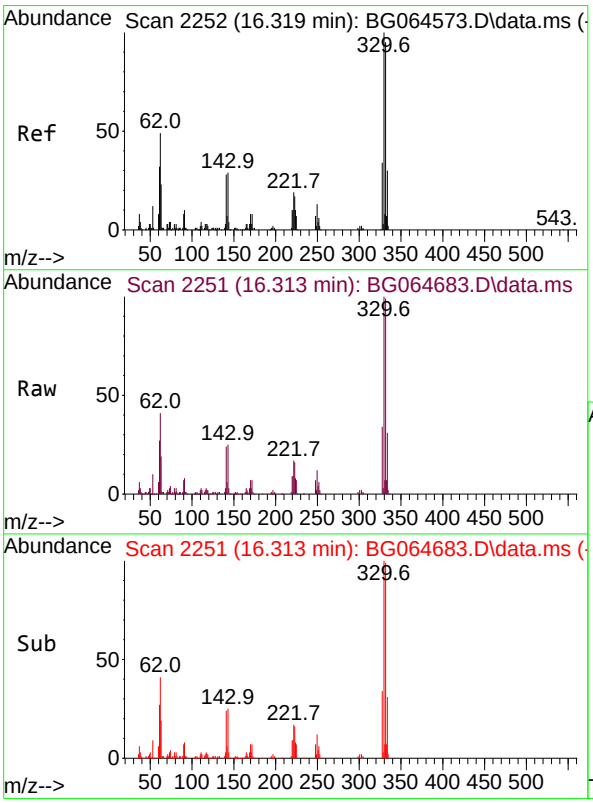
Ion	Ratio	Lower	Upper
237	100		
235	60.9	44.1	84.1
272	12.8	0.0	32.4



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations
APPROVED

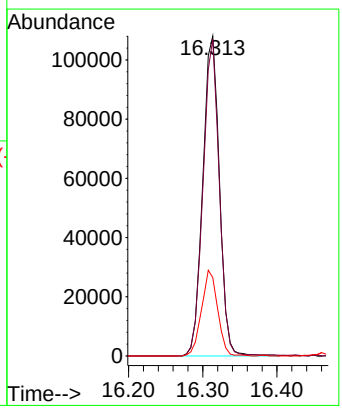
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

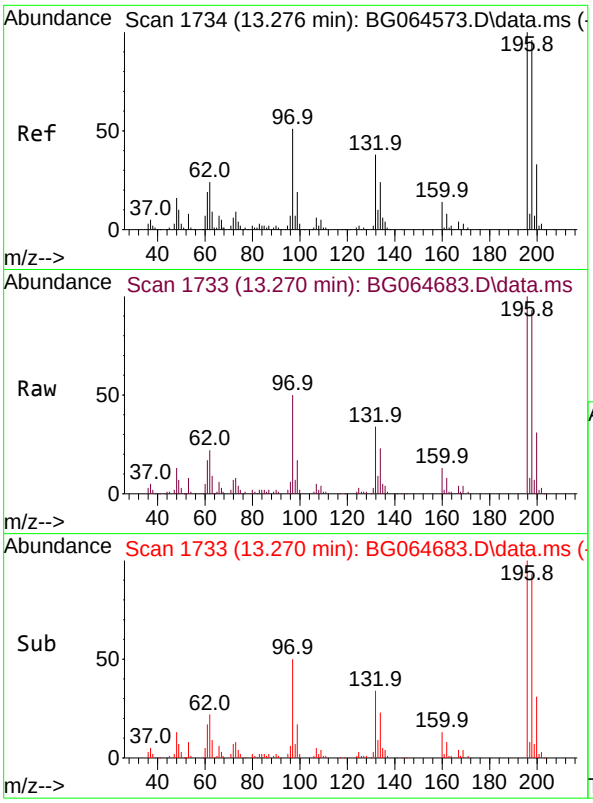


#42
2,4,6-Tribromophenol
Concen: 119.181 ng
RT: 16.313 min Scan# 2251
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:330 Resp: 168077

Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.0	117.0
141	26.0	21.8	32.6

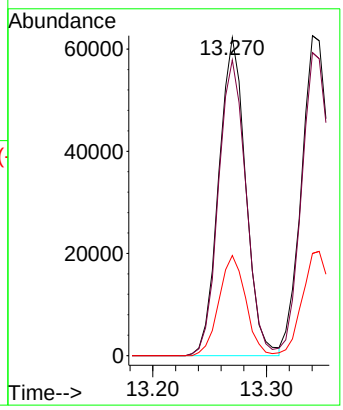




#43
2,4,6-Trichlorophenol
Concen: 54.754 ng
RT: 13.270 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:196 Resp: 10270

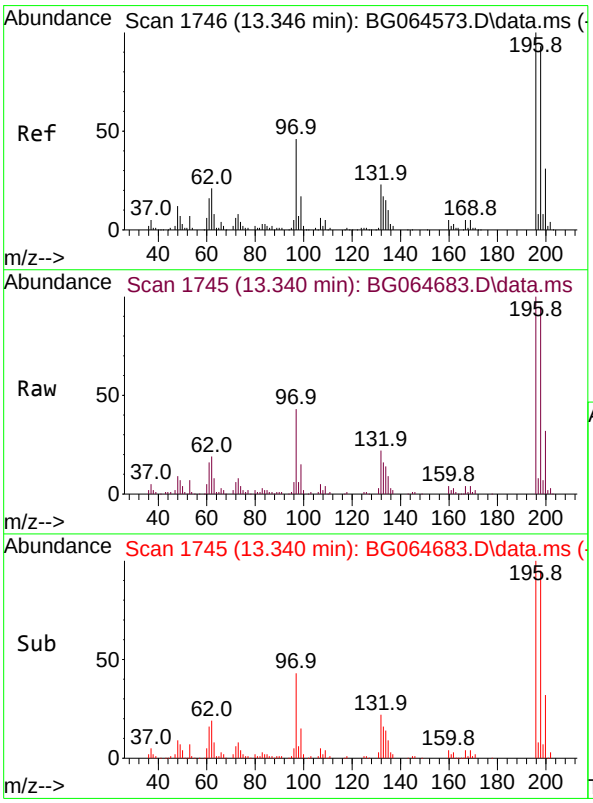
Ion	Ratio	Lower	Upper
196	100		
198	92.9	76.6	115.0
200	31.5	26.0	39.0



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations
APPROVED

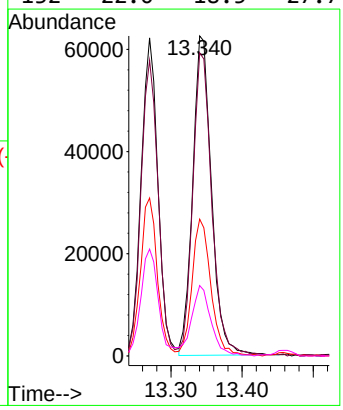
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

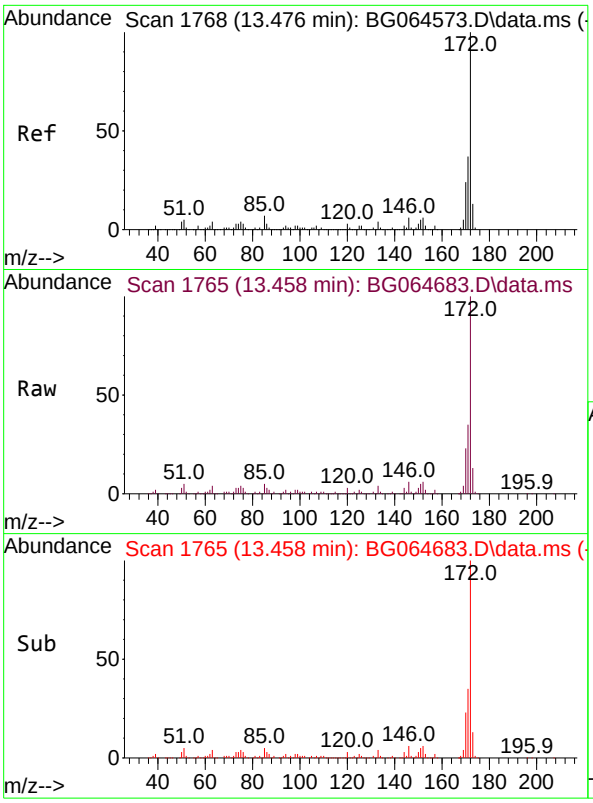


#44
2,4,5-Trichlorophenol
Concen: 53.043 ng
RT: 13.340 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:196 Resp: 114818

Ion	Ratio	Lower	Upper
196	100		
198	94.7	74.2	111.4
97	42.7	37.0	55.6
132	22.0	18.5	27.7

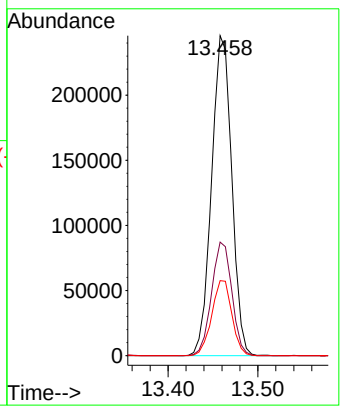




#45
2-Fluorobiphenyl
Concen: 59.531 ng
RT: 13.458 min Scan# 1
Delta R.T. -0.018 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:172 Resp: 383758

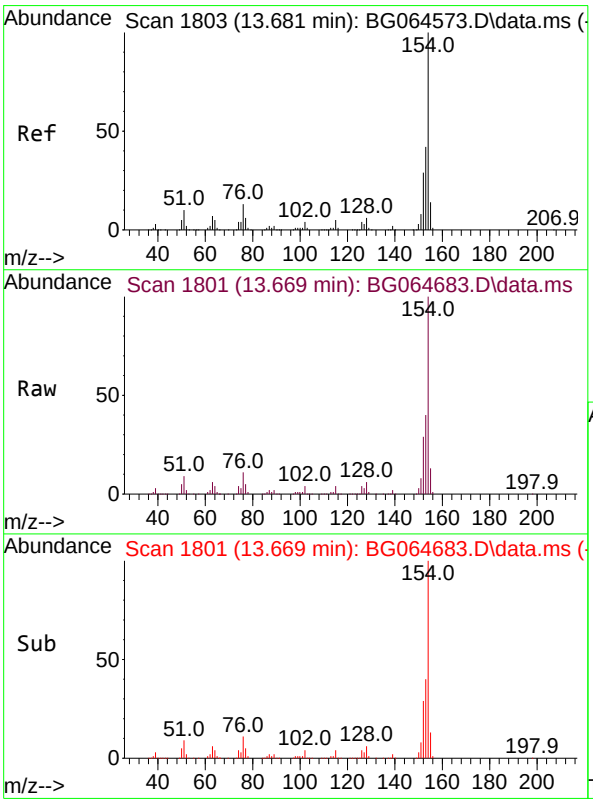
Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.4	44.0
170	23.4	19.1	28.7



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations
APPROVED

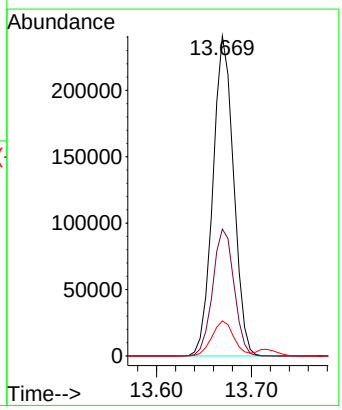
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

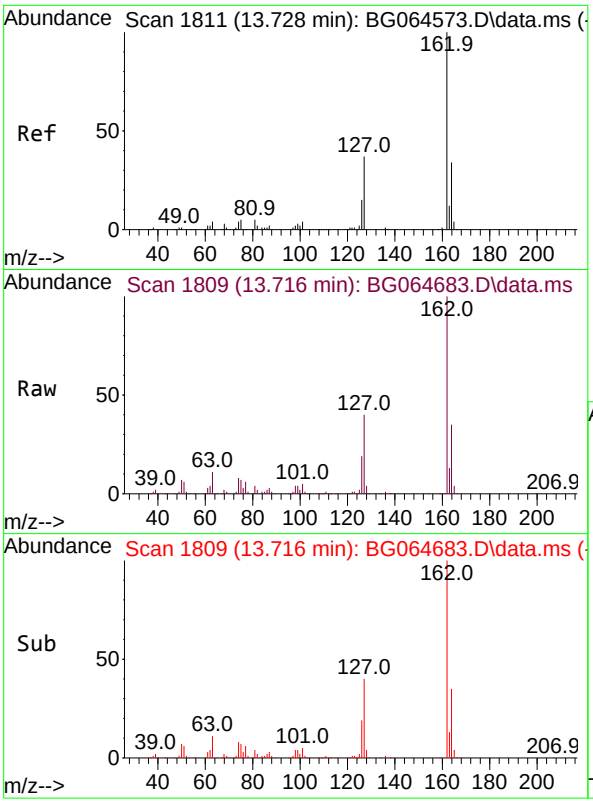


#46
1,1'-Biphenyl
Concen: 52.617 ng
RT: 13.669 min Scan# 1801
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:154 Resp: 365511

Ion	Ratio	Lower	Upper
154	100		
153	39.6	22.4	62.4
76	10.9	0.0	33.5

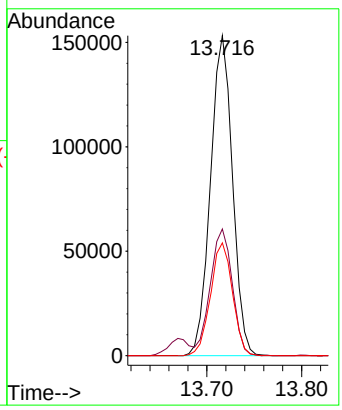




#47
2-Chloronaphthalene
Concen: 47.128 ng
RT: 13.716 min Scan# 18
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:162 Resp: 24711

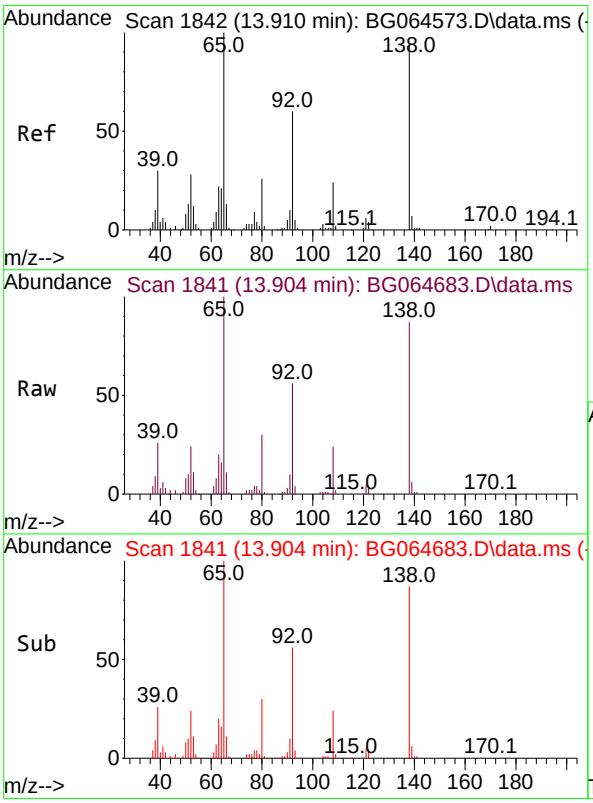
Ion	Ratio	Lower	Upper
162	100		
127	39.6	32.2	48.2
164	35.2	27.5	41.3



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations
APPROVED

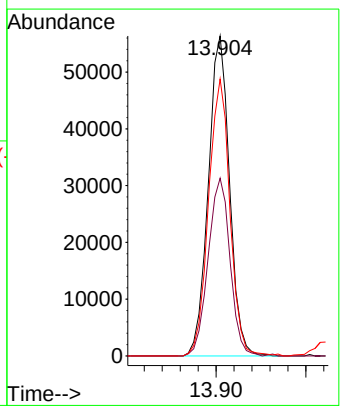
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

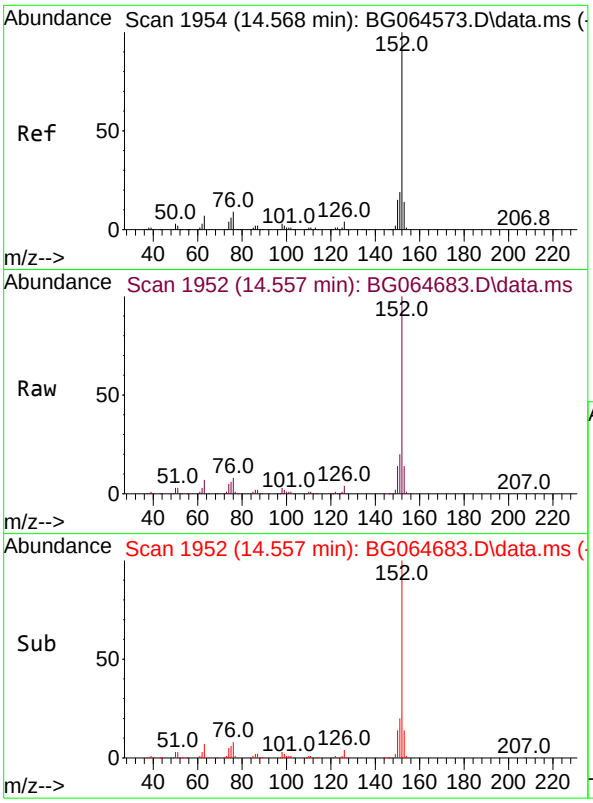


#48
2-Nitroaniline
Concen: 52.456 ng
RT: 13.904 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion: 65 Resp: 92902

Ion	Ratio	Lower	Upper
65	100		
92	55.5	48.3	72.5
138	86.5	74.9	112.3

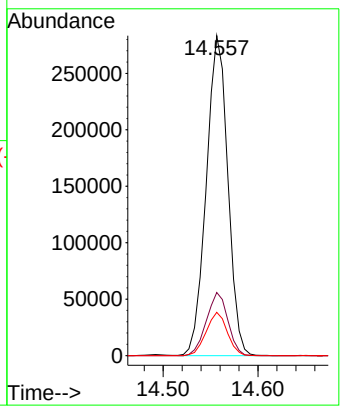




#49
Acenaphthylene
Concen: 54.110 ng
RT: 14.557 min Scan# 19
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:152 Resp: 44752

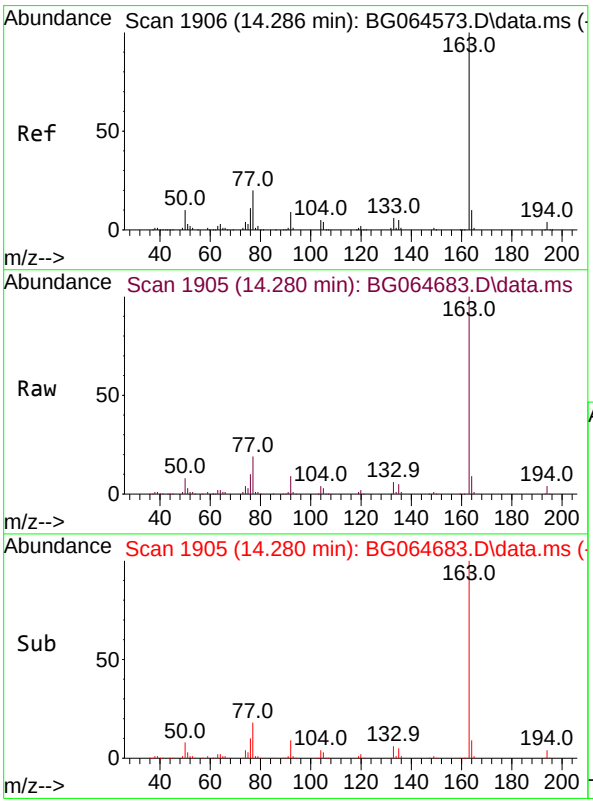
Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.4	23.2
153	13.5	11.0	16.4



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations
APPROVED

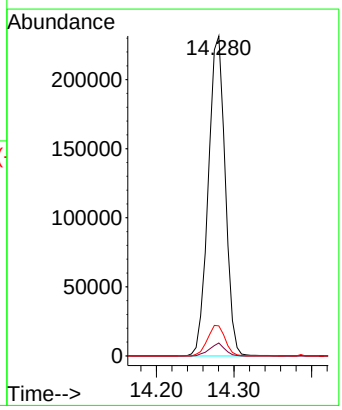
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

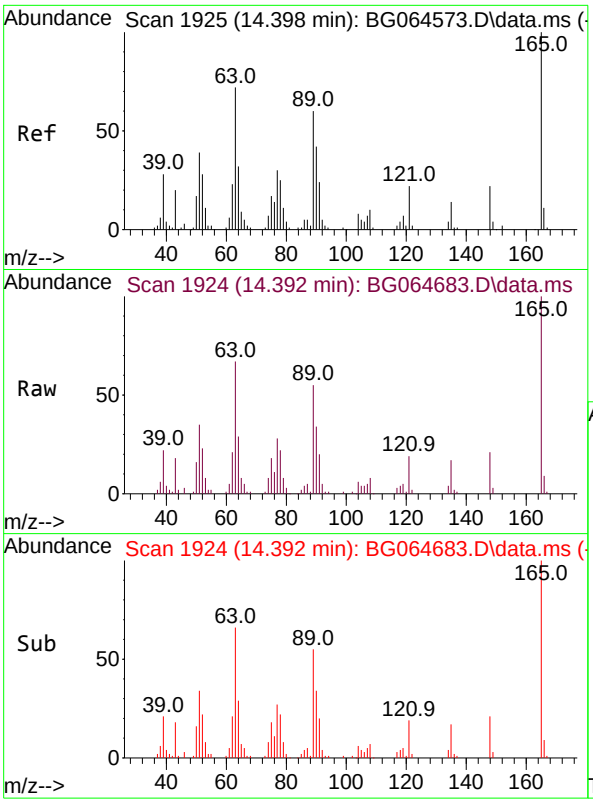


#50
Dimethylphthalate
Concen: 46.888 ng
RT: 14.280 min Scan# 1905
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:163 Resp: 350578

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.8	4.2
164	9.4	7.7	11.5

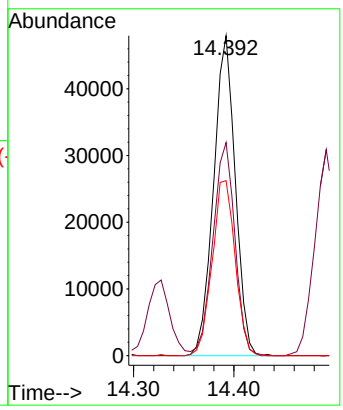




#51
2,6-Dinitrotoluene
Concen: 57.691 ng
RT: 14.392 min Scan# 19
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:165 Resp: 7202

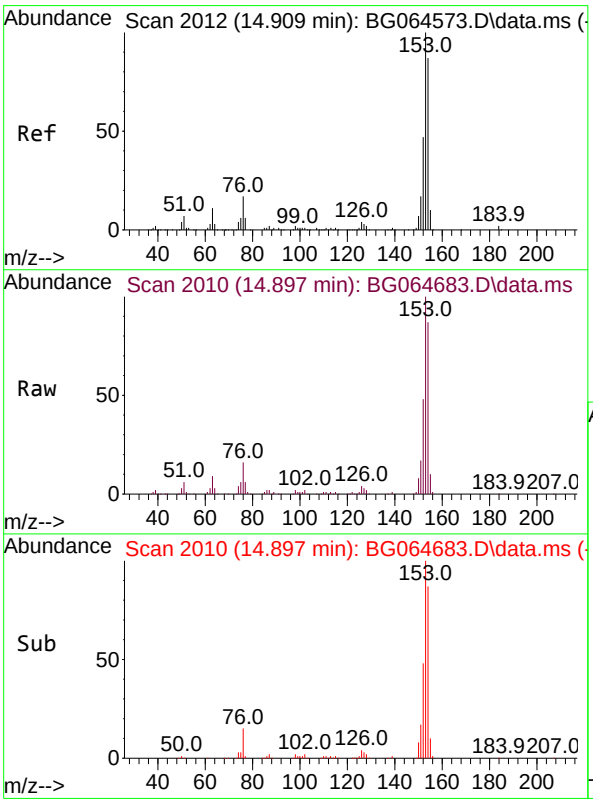
Ion	Ratio	Lower	Upper
165	100		
63	66.6	57.4	86.0
89	54.7	47.8	71.8



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations
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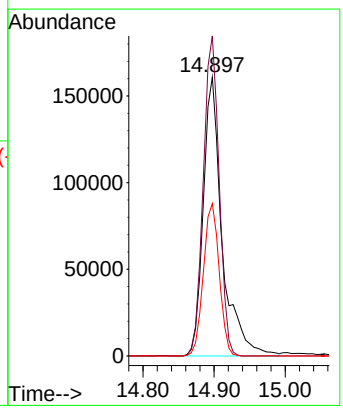
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

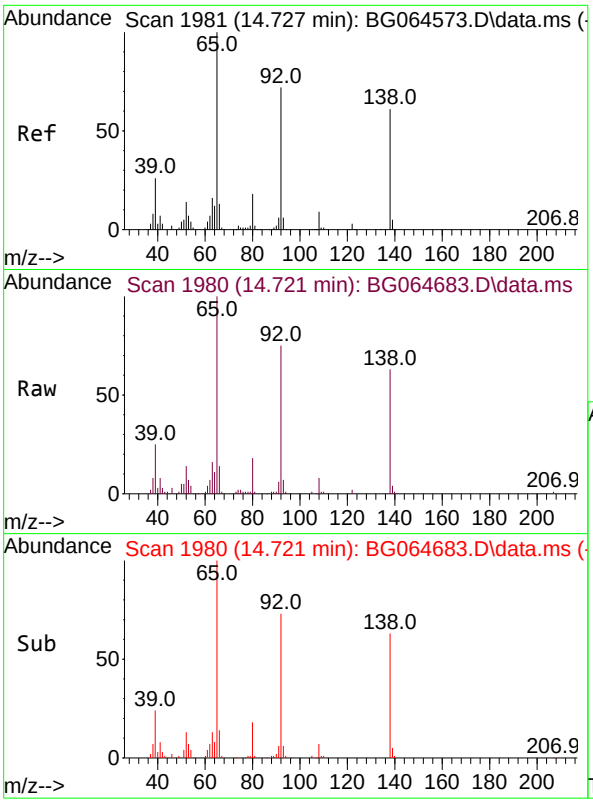


#52
Acenaphthene
Concen: 52.462 ng
RT: 14.897 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:154 Resp: 296446

Ion	Ratio	Lower	Upper
154	100		
153	114.8	92.2	138.4
152	54.6	43.2	64.8

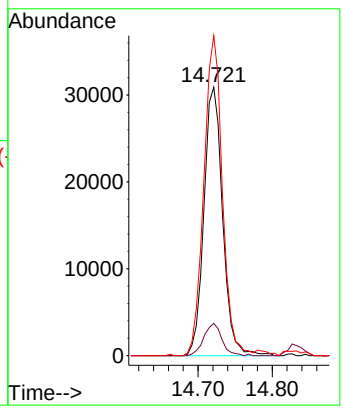




#53
3-Nitroaniline
Concen: 42.124 ng
RT: 14.721 min Scan# 19
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:138 Resp: 5412

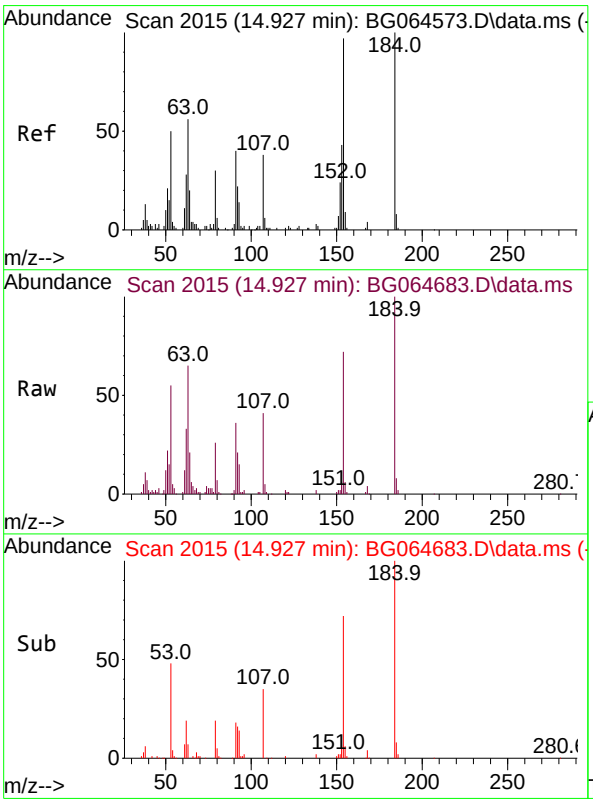
Ion	Ratio	Lower	Upper
138	100		
108	12.0	11.4	17.0
92	119.2	95.3	142.9



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations
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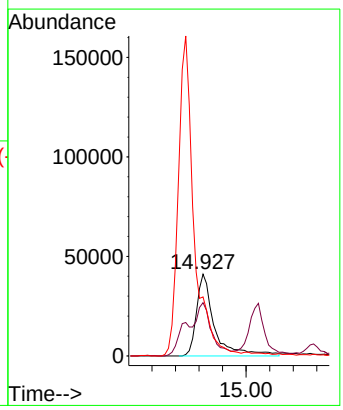
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

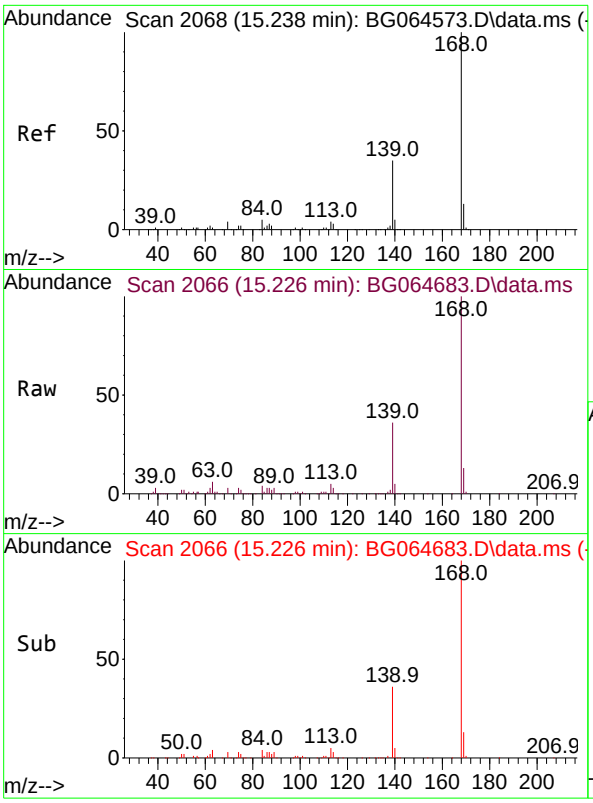


#54
2,4-Dinitrophenol
Concen: 112.166 ng
RT: 14.927 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:184 Resp: 86735

Ion	Ratio	Lower	Upper
184	100		
63	65.1	56.6	85.0
154	72.2	158.6	238.0#

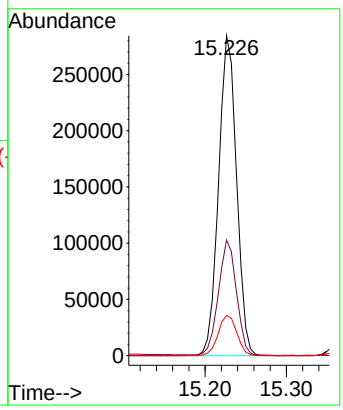




#55
Dibenzofuran
Concen: 47.784 ng
RT: 15.226 min Scan# 2
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:168 Resp: 43652

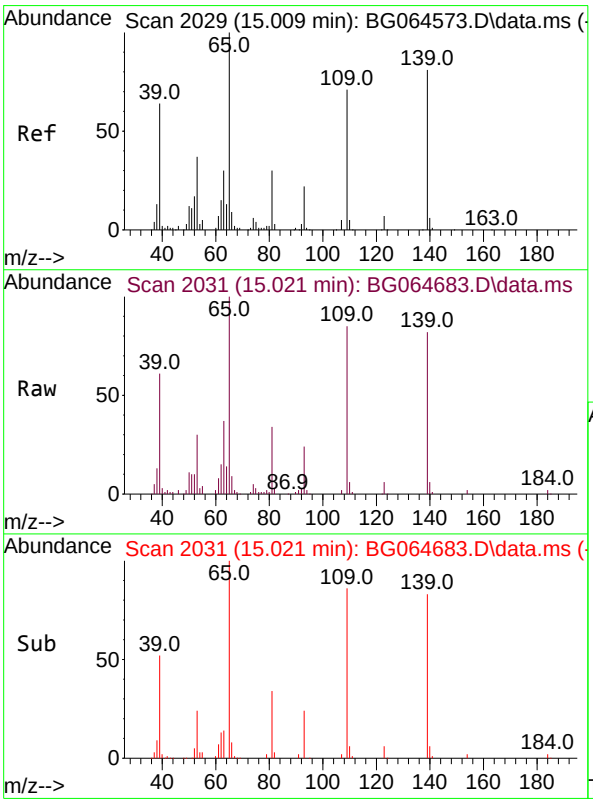
Ion	Ratio	Lower	Upper
168	100		
139	36.2	27.8	41.8
169	12.5	10.3	15.5



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations
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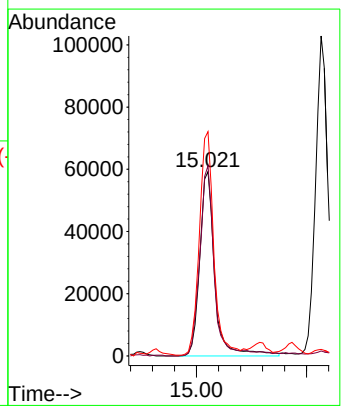
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

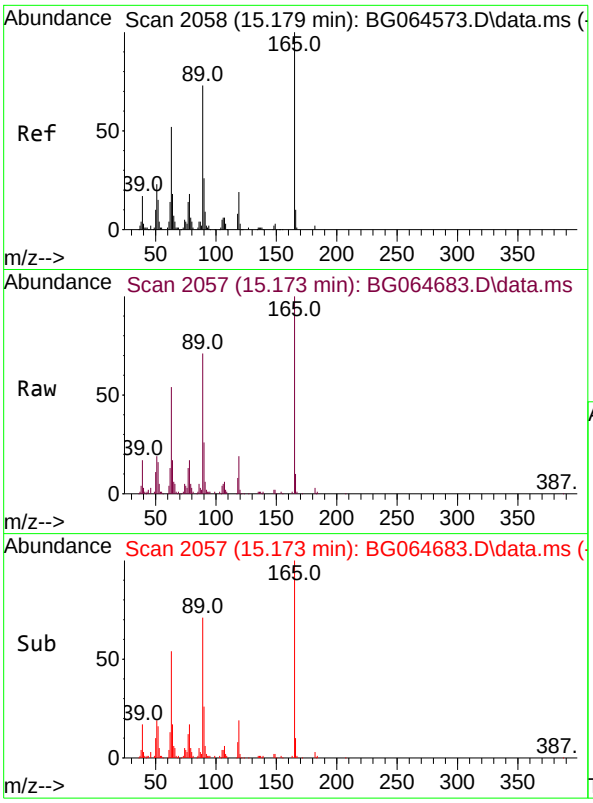


#56
4-Nitrophenol
Concen: 93.749 ng
RT: 15.021 min Scan# 2031
Delta R.T. 0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:139 Resp: 111684

Ion	Ratio	Lower	Upper
139	100		
109	103.2	67.8	107.8
65	121.7	103.7	143.7

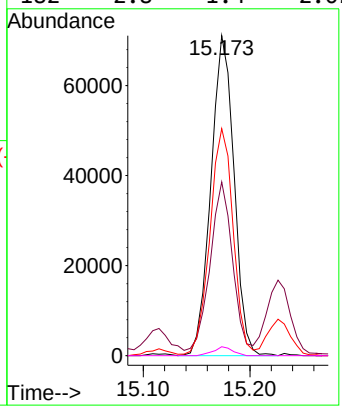




#57
2,4-Dinitrotoluene
Concen: 55.766 ng
RT: 15.173 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:165 Resp: 10737

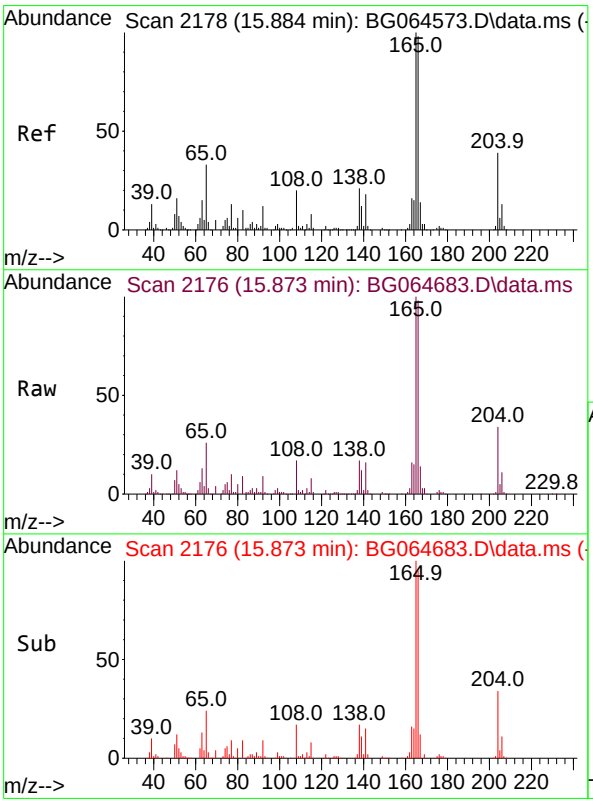
Ion	Ratio	Lower	Upper
165	100		
63	54.3	41.8	62.8
89	70.9	58.1	87.1
182	2.8	1.4	2.0#



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations APPROVED

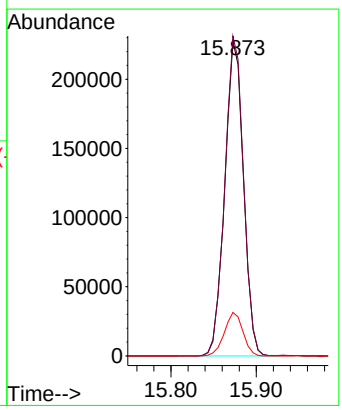
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

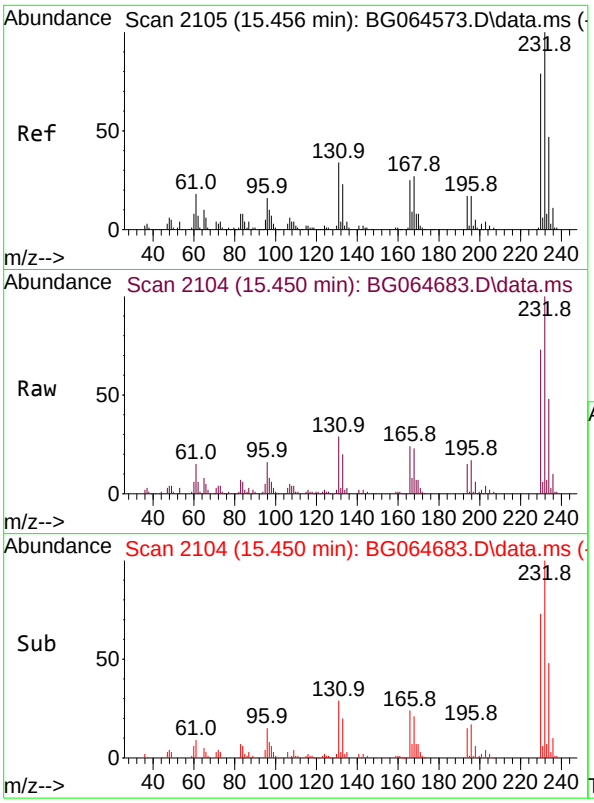


#58
Fluorene
Concen: 48.619 ng
RT: 15.873 min Scan# 2176
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:166 Resp: 346869

Ion	Ratio	Lower	Upper
166	100		
165	101.7	81.5	122.3
167	13.8	11.4	17.0

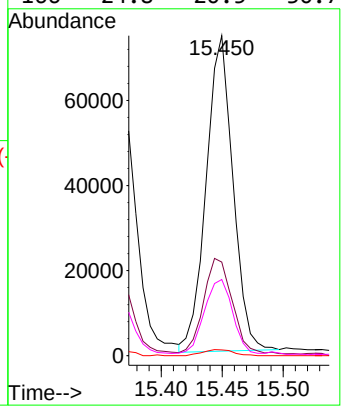




#59
2,3,4,6-Tetrachlorophenol
Concen: 54.825 ng
RT: 15.450 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:232 Resp: 11348

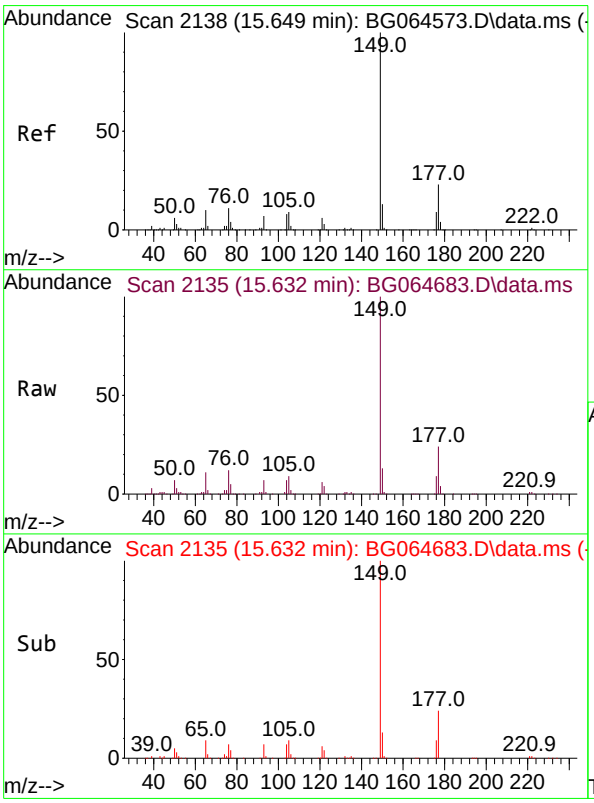
Ion	Ratio	Lower	Upper
232	100		
131	33.1	26.7	40.1
130	2.2	1.6	2.4
166	24.8	20.5	30.7



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations
APPROVED

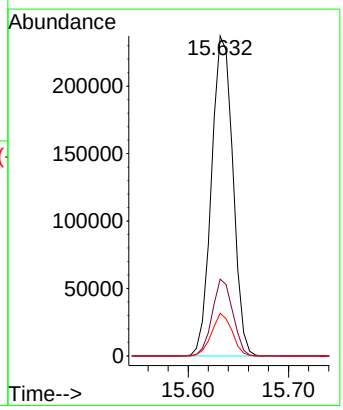
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

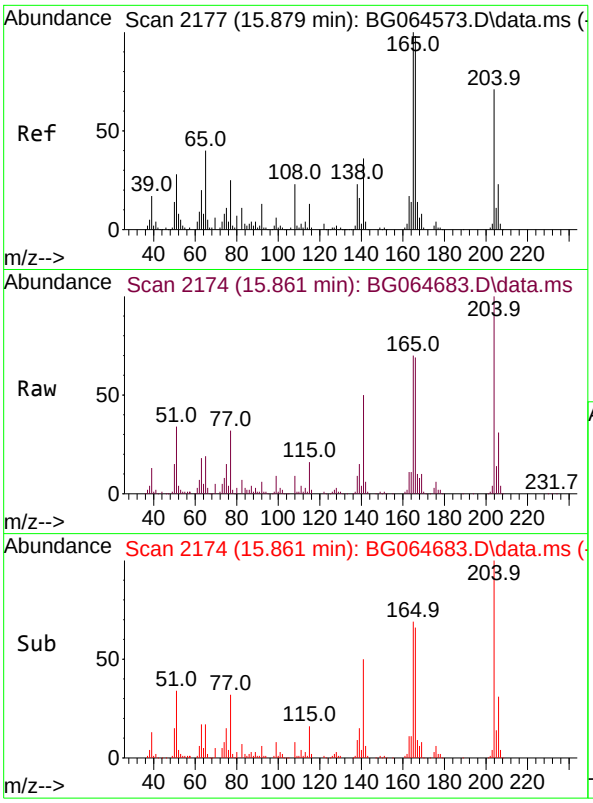


#60
Diethylphthalate
Concen: 46.024 ng
RT: 15.632 min Scan# 2135
Delta R.T. -0.018 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:149 Resp: 351361

Ion	Ratio	Lower	Upper
149	100		
177	24.0	18.0	27.0
150	13.3	10.2	15.4





#61
4-Chlorophenyl-phenylether
Concen: 50.064 ng
RT: 15.861 min Scan# 21
Delta R.T. -0.018 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

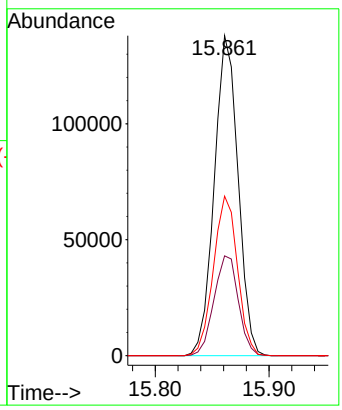
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

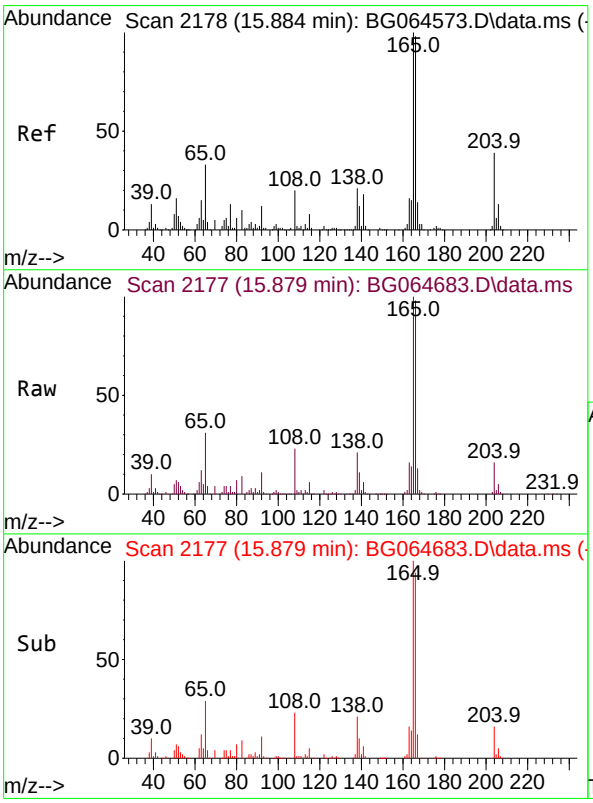
Tgt Ion:204 Resp: 20044

Ion	Ratio	Lower	Upper
204	100		
206	31.2	25.6	38.4
141	49.8	40.6	60.8

Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

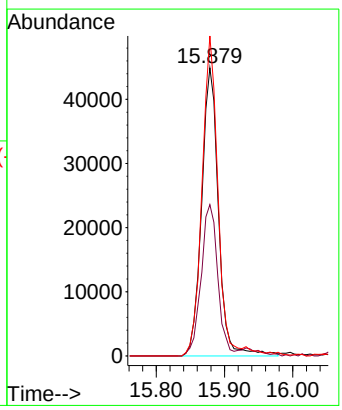


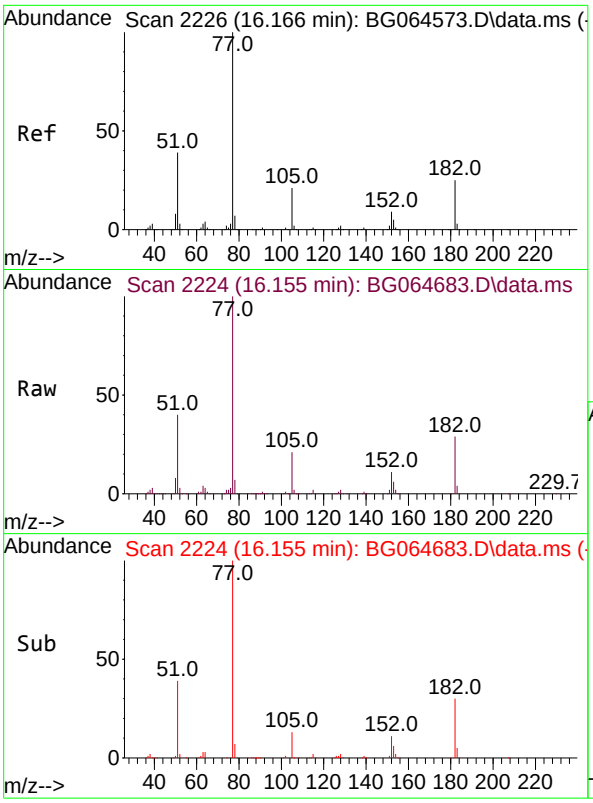


#62
4-Nitroaniline
Concen: 53.925 ng
RT: 15.879 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:138 Resp: 77086

Ion	Ratio	Lower	Upper
138	100		
92	52.5	36.1	76.1
108	111.1	75.6	115.6

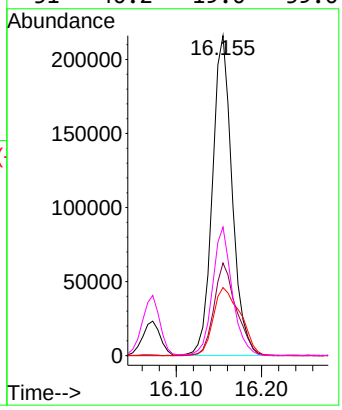




#63
Azobenzene
Concen: 49.429 ng
RT: 16.155 min Scan# 2
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion: 77 Resp: 34623

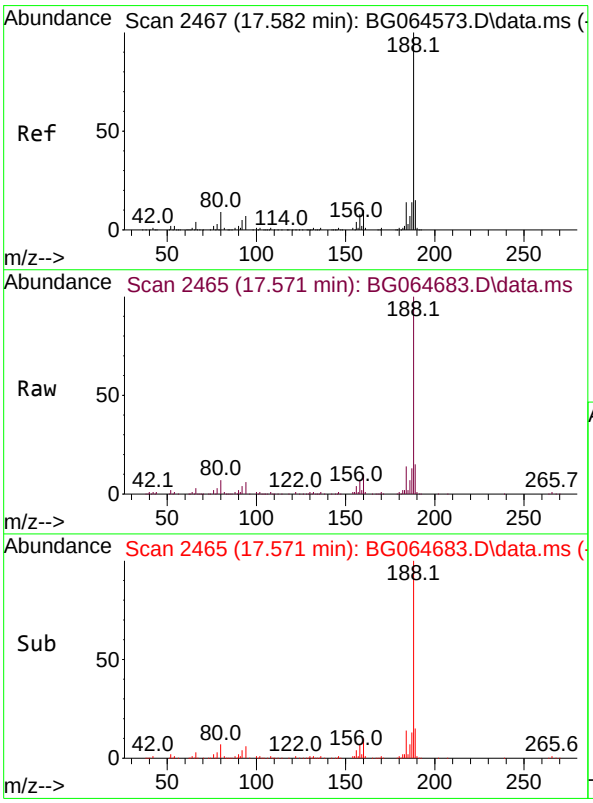
Ion	Ratio	Lower	Upper
77	100		
182	28.9	4.9	44.9
105	21.3	1.3	41.3
51	40.2	19.0	59.0



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations
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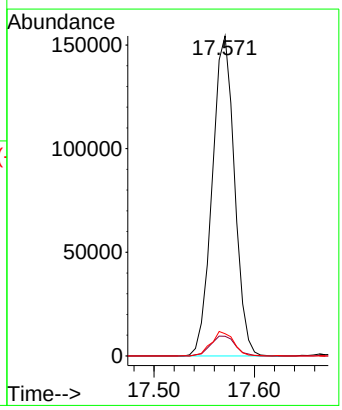
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

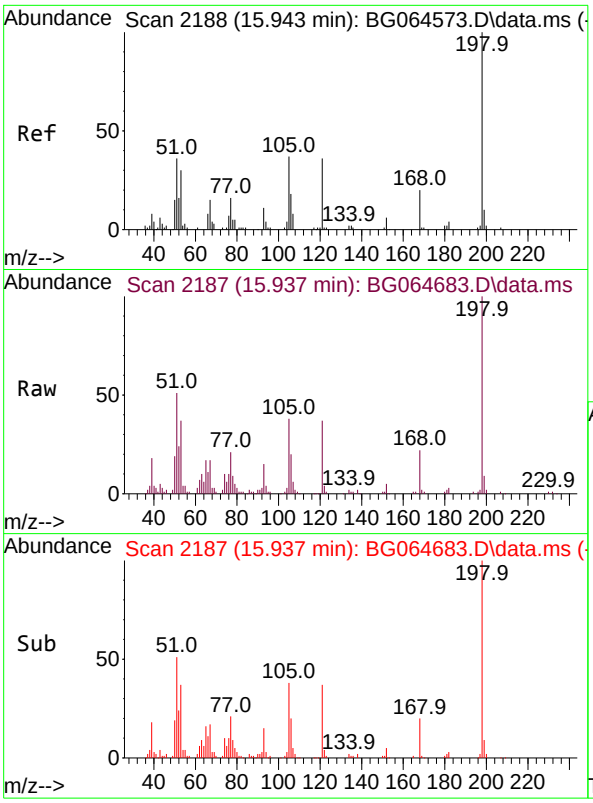


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.571 min Scan# 2465
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:188 Resp: 238341

Ion	Ratio	Lower	Upper
188	100		
94	6.2	5.7	8.5
80	7.0	6.8	10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 61.322 ng
RT: 15.937 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

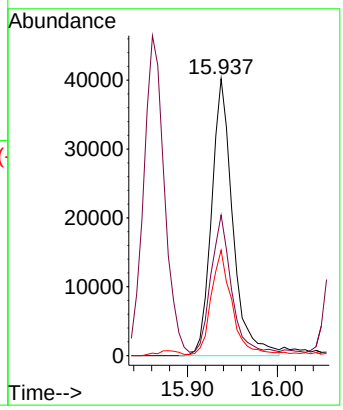
Tgt Ion:198 Resp: 66094

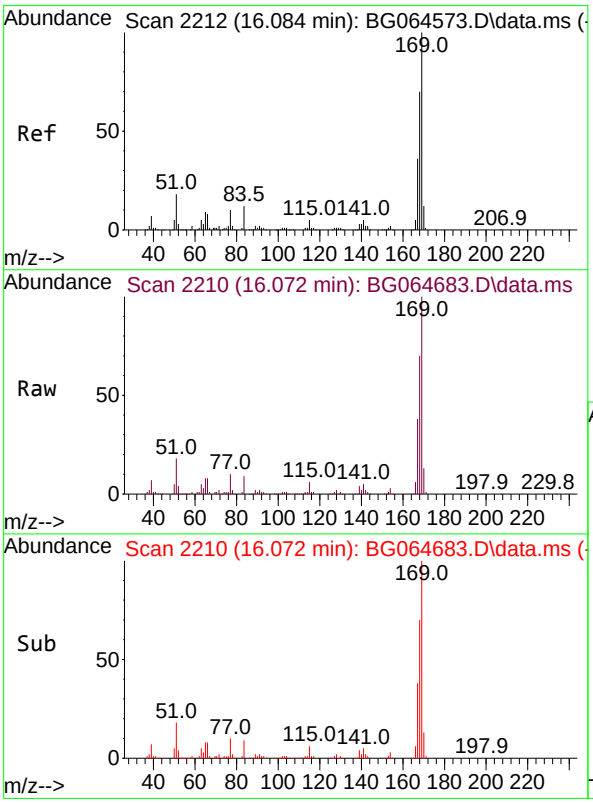
Ion	Ratio	Lower	Upper
198	100		
51	50.8	24.7	64.7
105	38.1	18.0	58.0

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

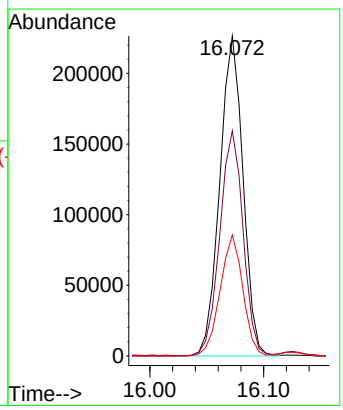


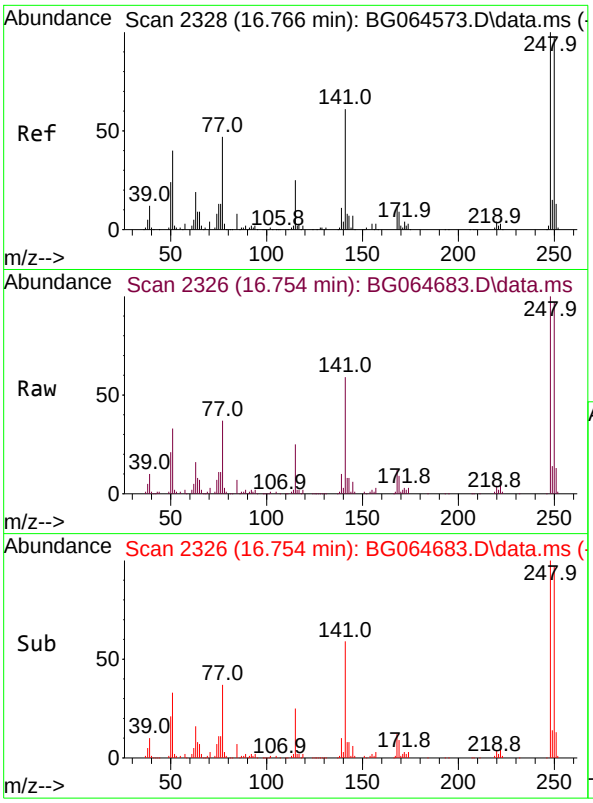


#66
n-Nitrosodiphenylamine
Concen: 49.855 ng
RT: 16.072 min Scan# 2210
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:169 Resp: 320976

Ion	Ratio	Lower	Upper
169	100		
168	70.3	56.3	84.5
167	37.8	29.0	43.6

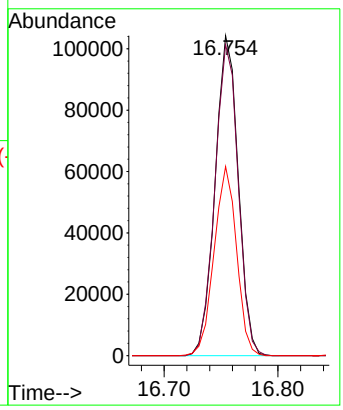




#67
4-Bromophenyl-phenylether
Concen: 52.145 ng
RT: 16.754 min Scan# 2
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:248 Resp: 14728

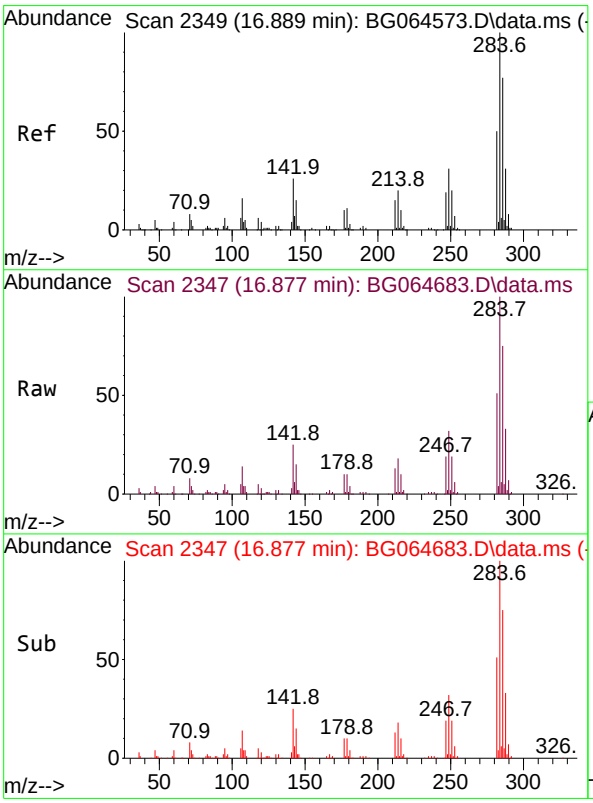
Ion	Ratio	Lower	Upper
248	100		
250	97.2	77.7	116.5
141	59.1	48.6	72.8



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations
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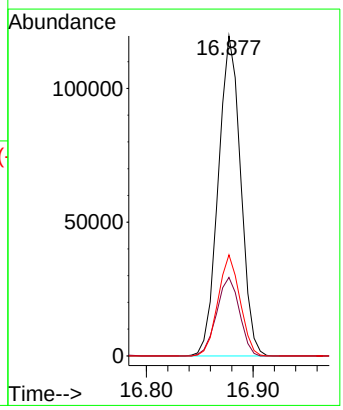
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

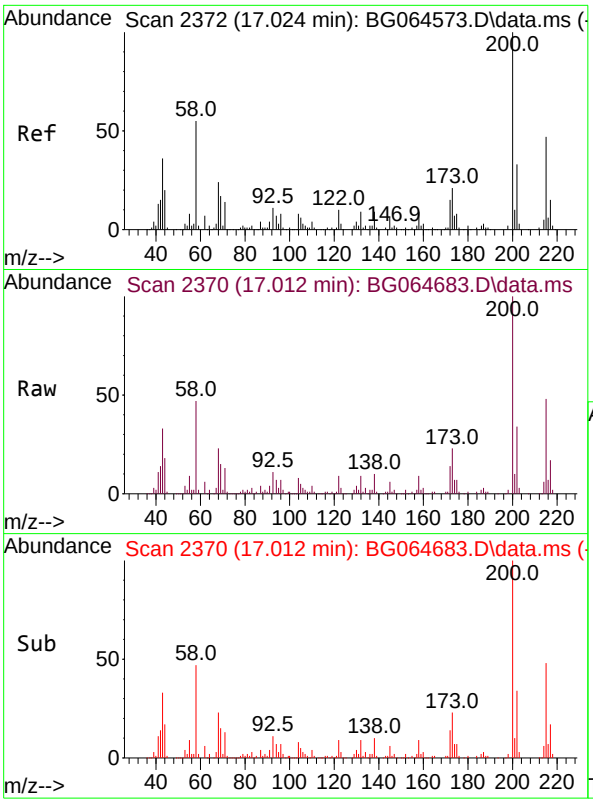


#68
Hexachlorobenzene
Concen: 54.164 ng
RT: 16.877 min Scan# 2347
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:284 Resp: 174527

Ion	Ratio	Lower	Upper
284	100		
142	24.5	21.0	31.6
249	31.6	24.9	37.3

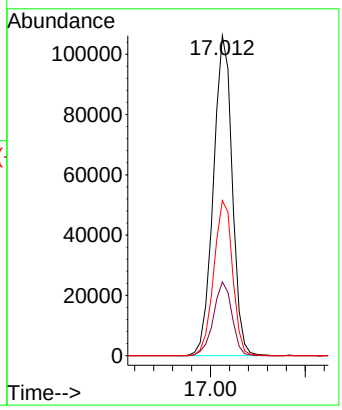




#69
Atrazine
Concen: 52.897 ng
RT: 17.012 min Scan# 2
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:200 Resp: 14655

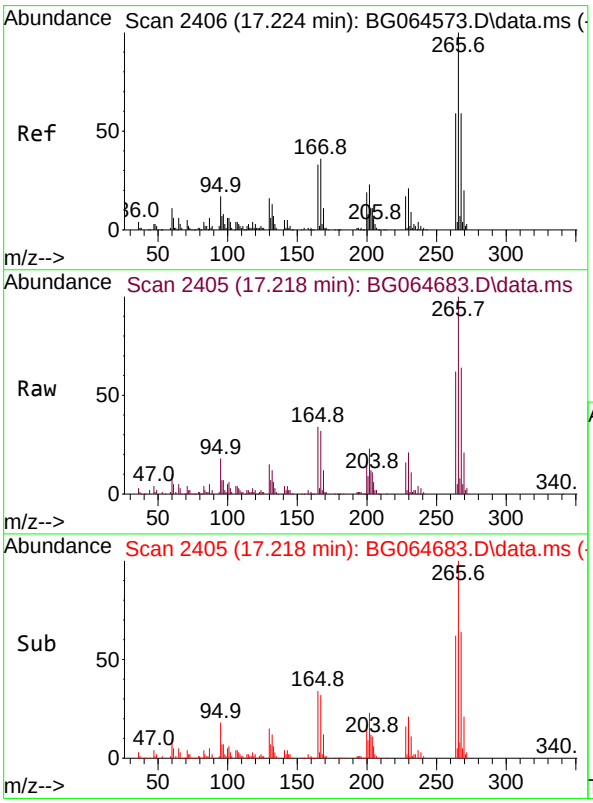
Ion	Ratio	Lower	Upper
200	100		
173	23.0	0.9	40.9
215	48.4	27.0	67.0



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations
APPROVED

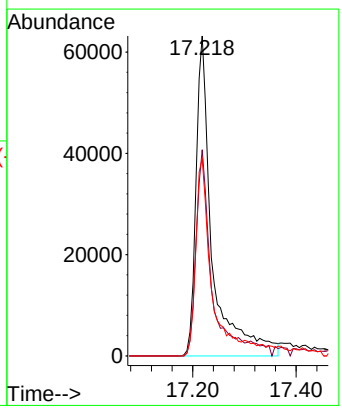
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

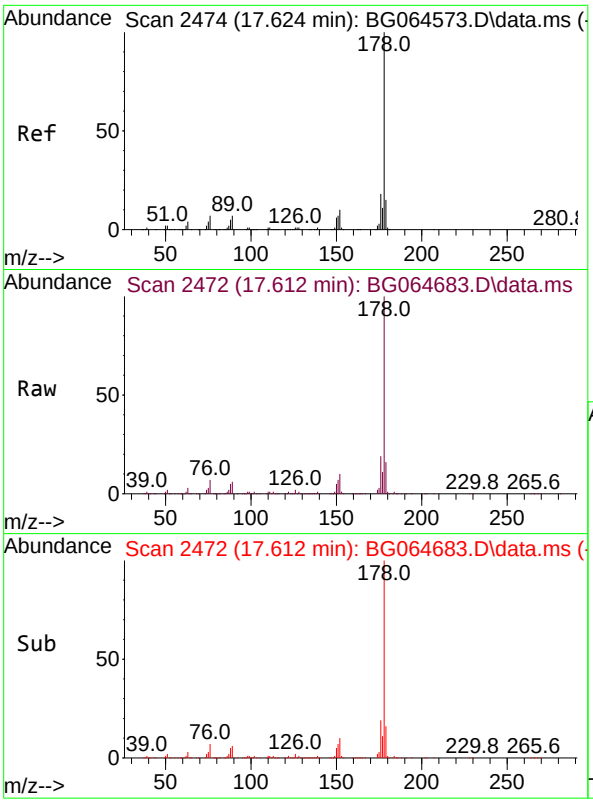


#70
Pentachlorophenol
Concen: 69.046 ng
RT: 17.218 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:266 Resp: 138736

Ion	Ratio	Lower	Upper
266	100		
268	68.9	50.3	75.5
264	61.6	47.3	70.9

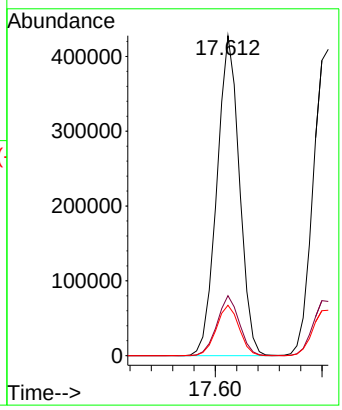




#71
Phenanthrene
Concen: 48.065 ng
RT: 17.612 min Scan# 24
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:178 Resp: 62647

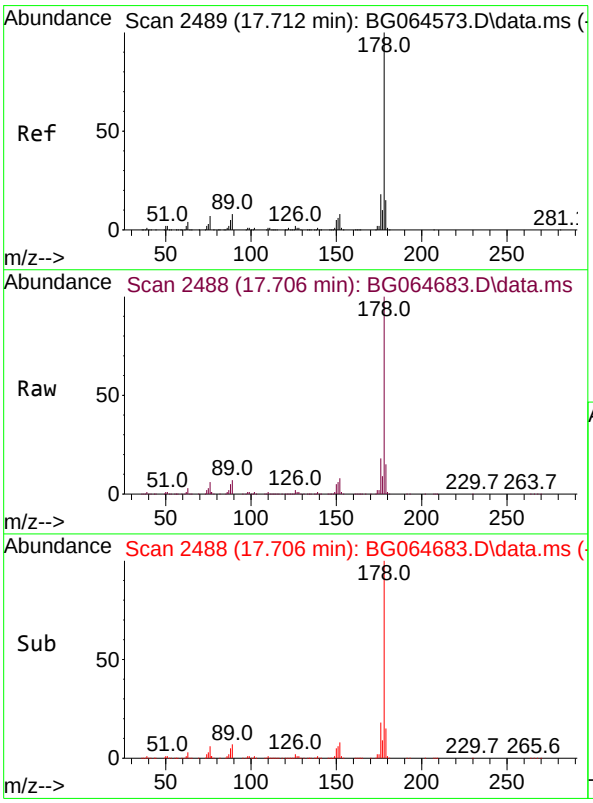
Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.7	22.1
179	15.7	12.2	18.4



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations
APPROVED

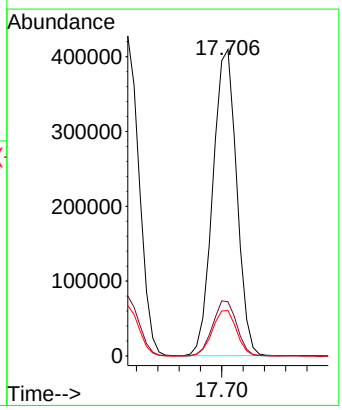
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

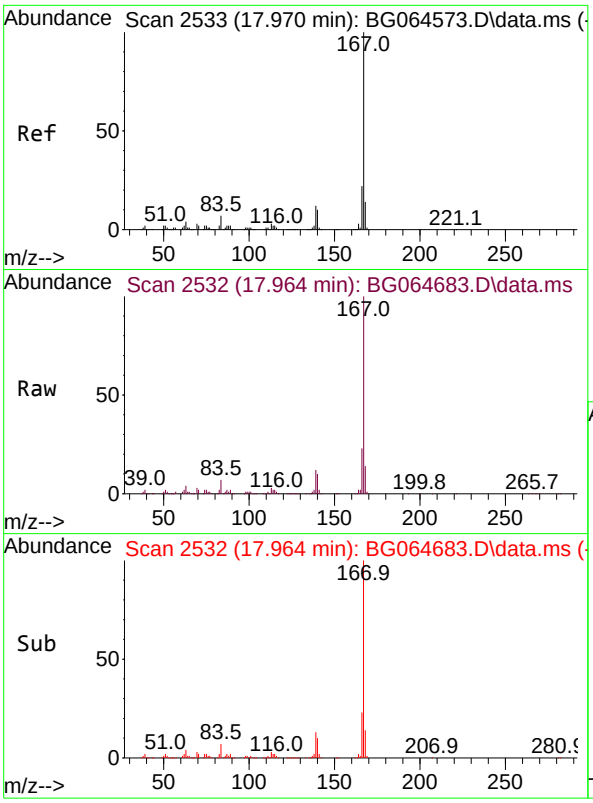


#72
Anthracene
Concen: 48.084 ng
RT: 17.706 min Scan# 2488
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:178 Resp: 637519

Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.4	21.6
179	14.8	12.4	18.6

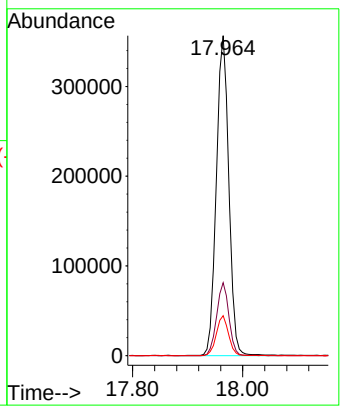




#73
Carbazole
Concen: 47.873 ng
RT: 17.964 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:167 Resp: 55971

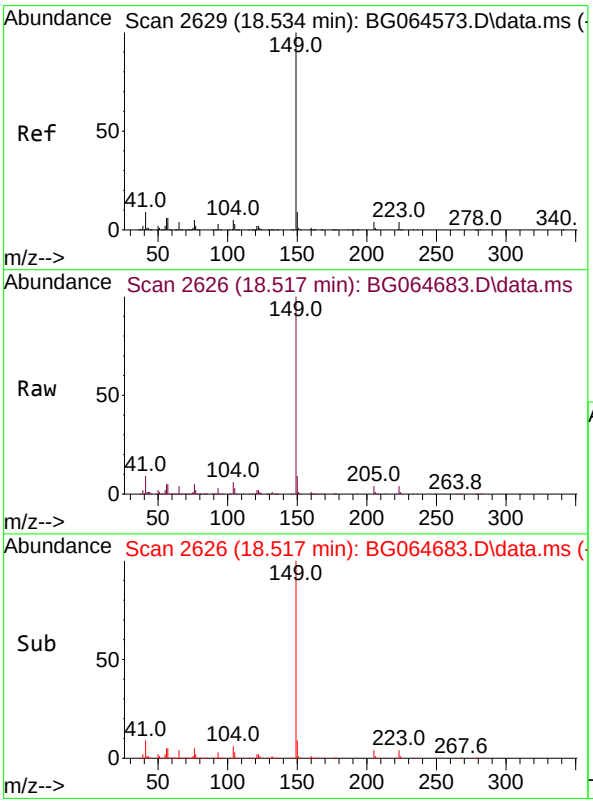
Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.9	26.9
139	12.5	9.7	14.5



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations
APPROVED

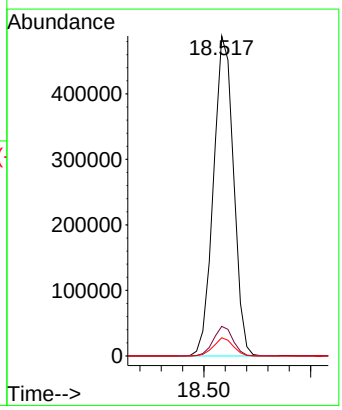
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

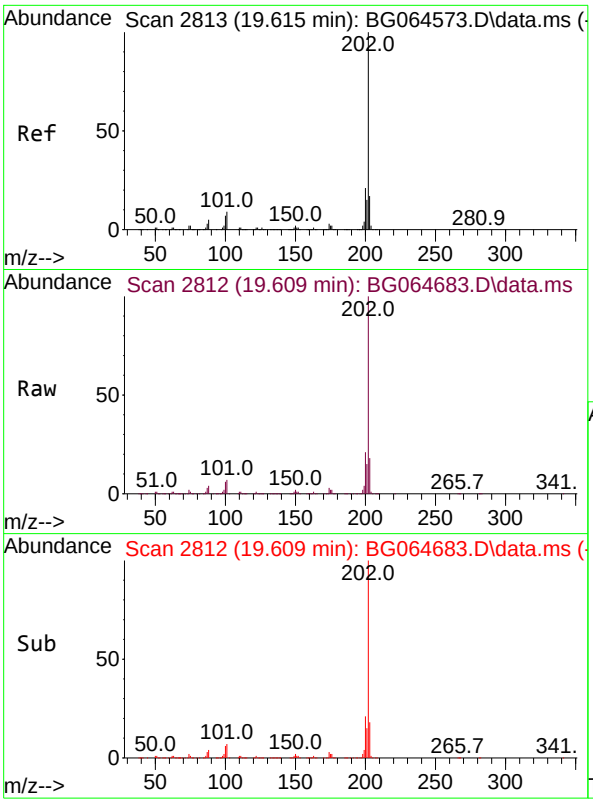


#74
Di-n-butylphthalate
Concen: 47.395 ng
RT: 18.517 min Scan# 2626
Delta R.T. -0.018 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:149 Resp: 640771

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.0	10.6
104	5.7	4.1	6.1

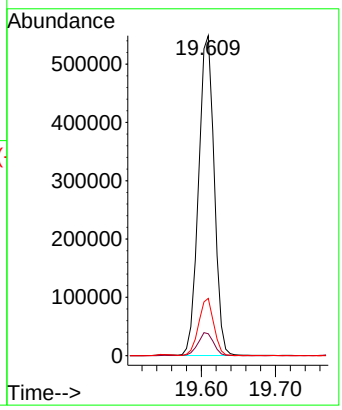




#75
Fluoranthene
Concen: 49.049 ng
RT: 19.609 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:202 Resp: 80088

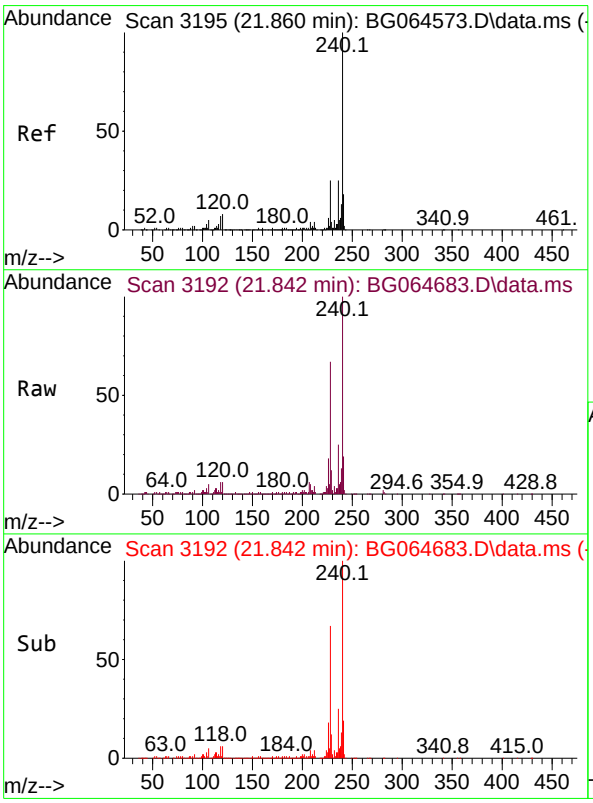
Ion	Ratio	Lower	Upper
202	100		
101	6.8	0.0	28.7
203	17.9	0.0	37.0



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations
APPROVED

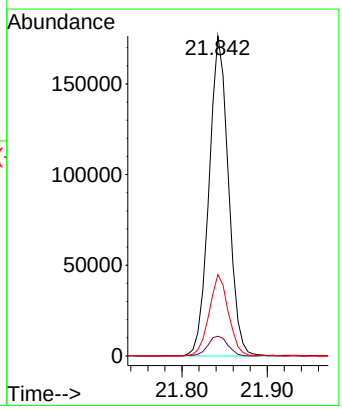
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

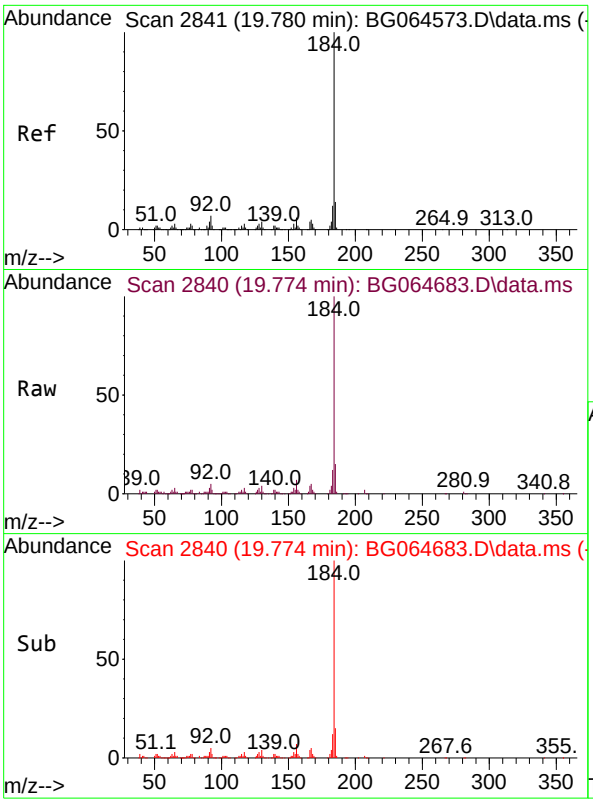


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.842 min Scan# 3192
Delta R.T. -0.018 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:240 Resp: 278646

Ion	Ratio	Lower	Upper
240	100		
120	6.1	6.5	9.7#
236	25.4	20.2	30.2

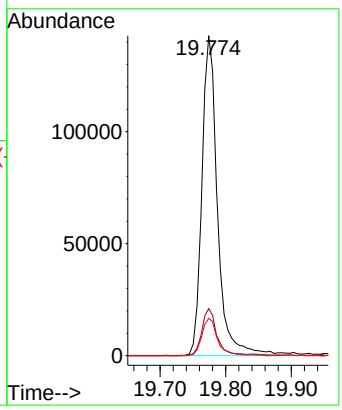




#77
Benzidine
Concen: 37.459 ng
RT: 19.774 min Scan# 28
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:184 Resp: 233853

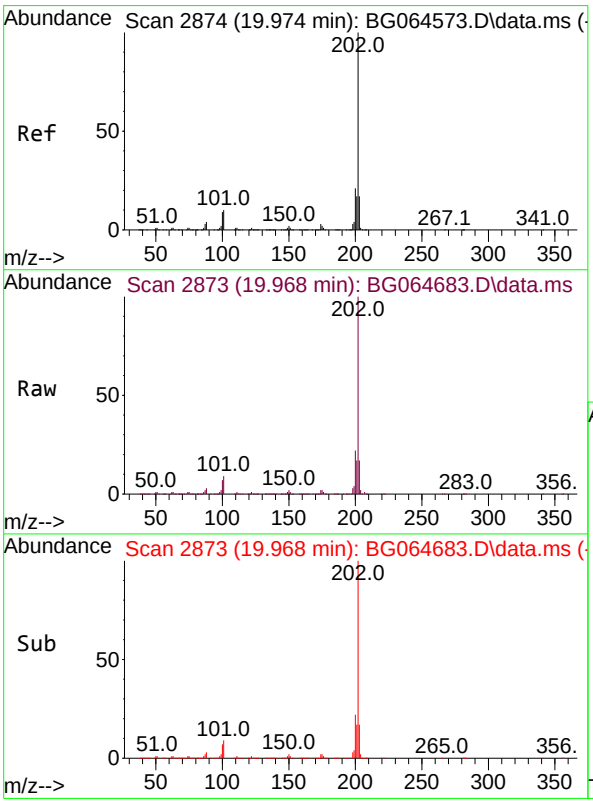
Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.4	17.2
183	11.6	9.4	14.2



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations
APPROVED

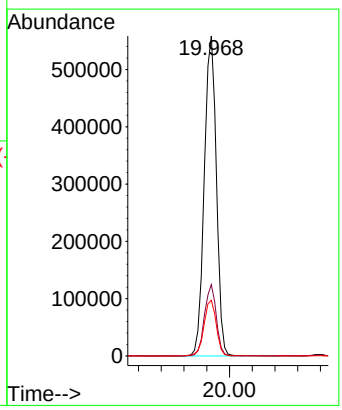
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

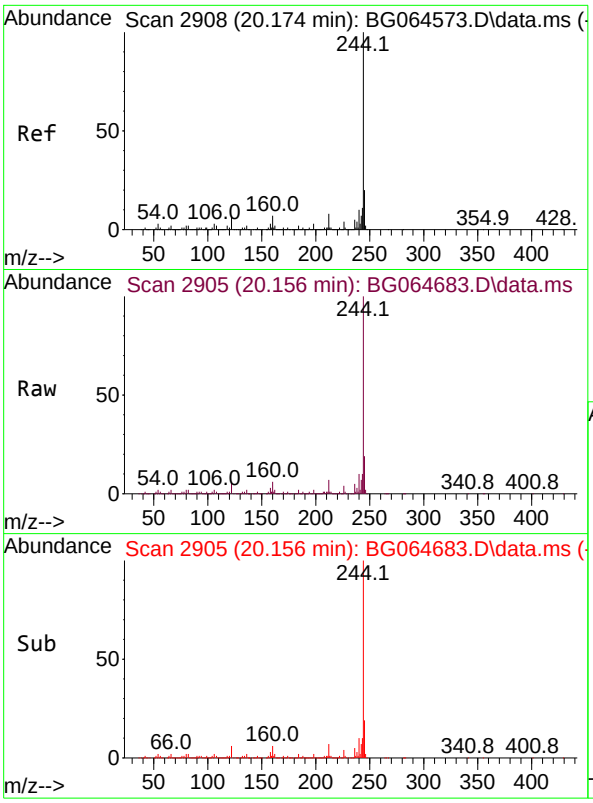


#78
Pyrene
Concen: 45.294 ng
RT: 19.968 min Scan# 2873
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:202 Resp: 824584

Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.0	25.4
203	17.4	13.8	20.6

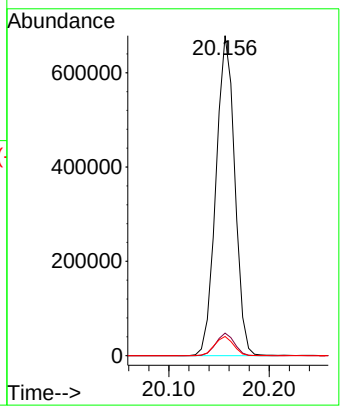




#79
Terphenyl-d14
Concen: 59.903 ng
RT: 20.156 min Scan# 29
Delta R.T. -0.018 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:244 Resp: 88448

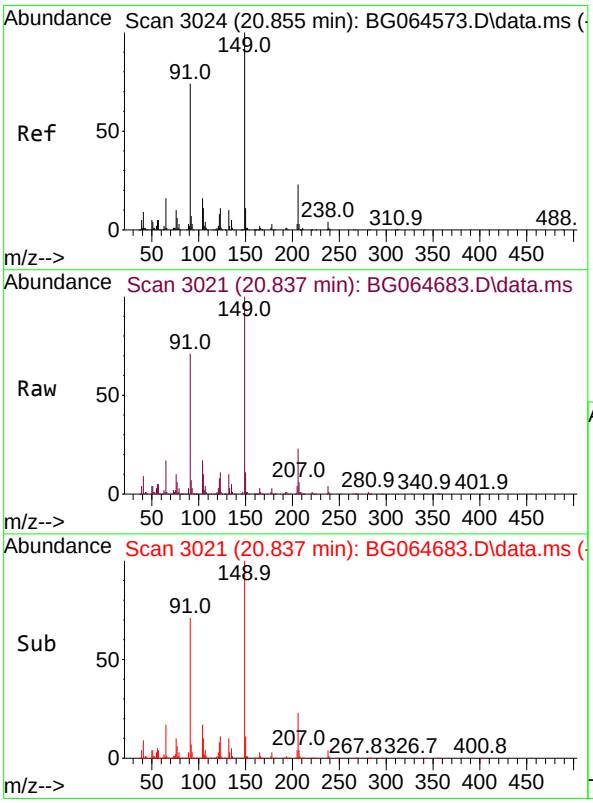
Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.1	9.1
122	6.0	5.6	8.4



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations
APPROVED

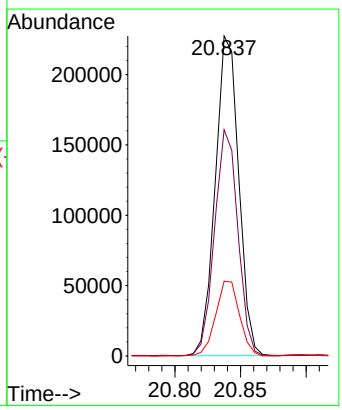
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

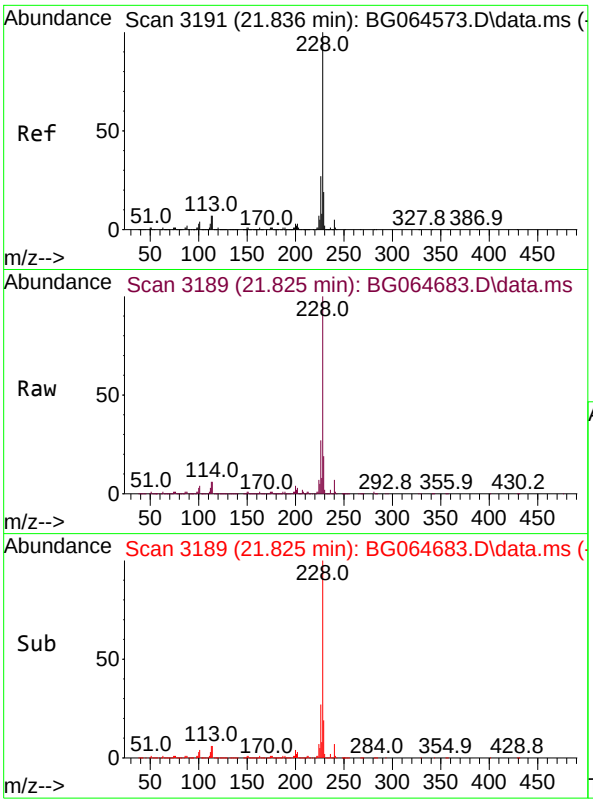


#80
Butylbenzylphthalate
Concen: 51.453 ng
RT: 20.837 min Scan# 3021
Delta R.T. -0.018 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:149 Resp: 283110

Ion	Ratio	Lower	Upper
149	100		
91	70.7	59.2	88.8
206	23.3	18.1	27.1

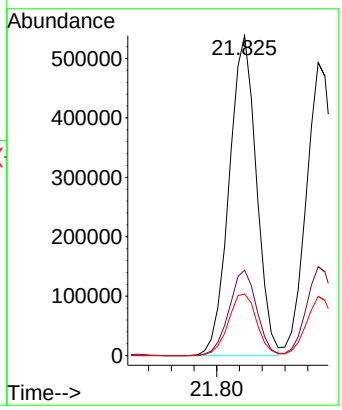




#81
Benzo(a)anthracene
Concen: 48.442 ng
RT: 21.825 min Scan# 3
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:228 Resp: 89500

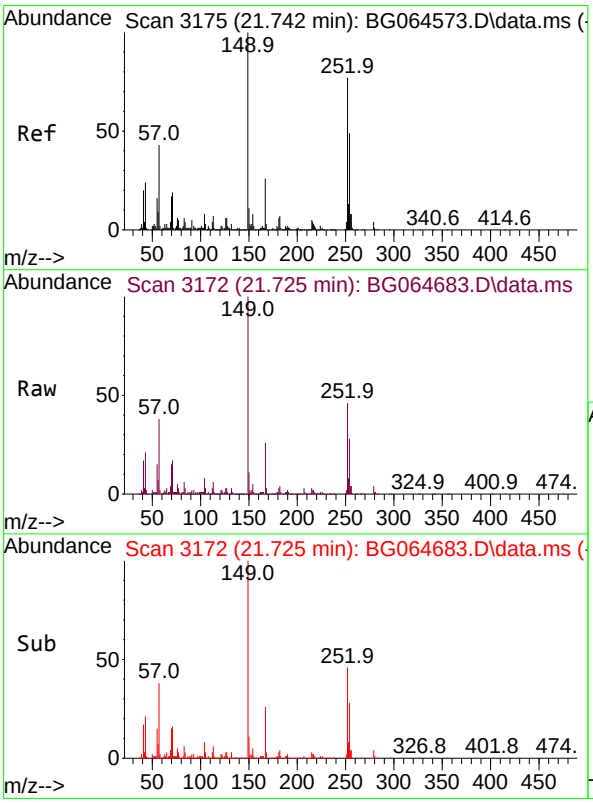
Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.9	32.9
229	19.3	15.6	23.4



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations
APPROVED

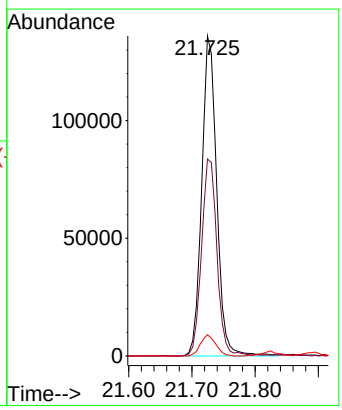
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

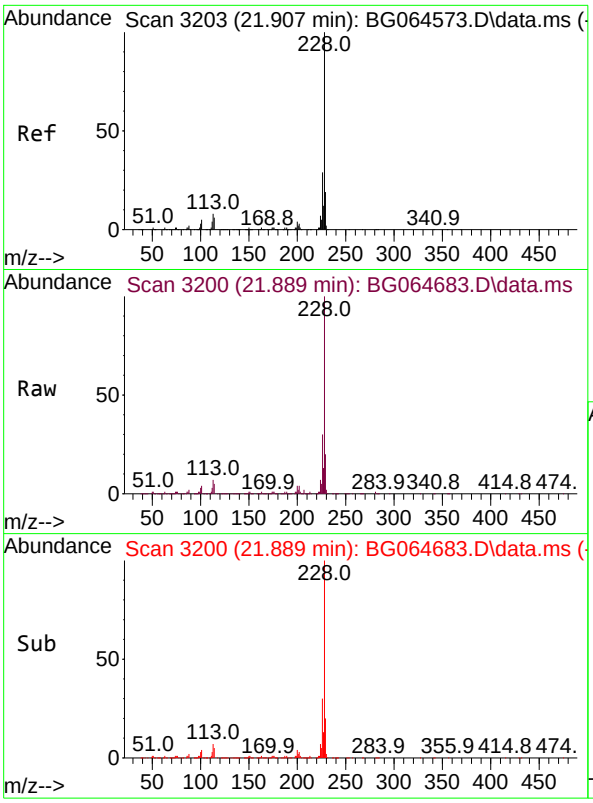


#82
3,3'-Dichlorobenzidine
Concen: 36.229 ng
RT: 21.725 min Scan# 3172
Delta R.T. -0.018 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:252 Resp: 223522

Ion	Ratio	Lower	Upper
252	100		
254	61.5	50.8	76.2
126	6.6	5.8	8.6

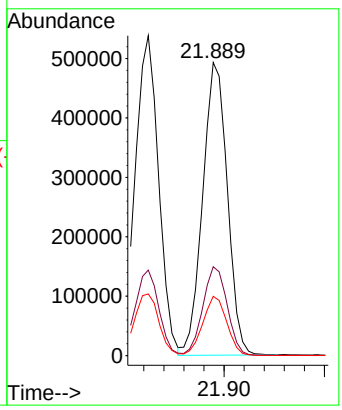




#83
Chrysene
Concen: 47.814 ng
RT: 21.889 min Scan# 3
Delta R.T. -0.018 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:228 Resp: 84057

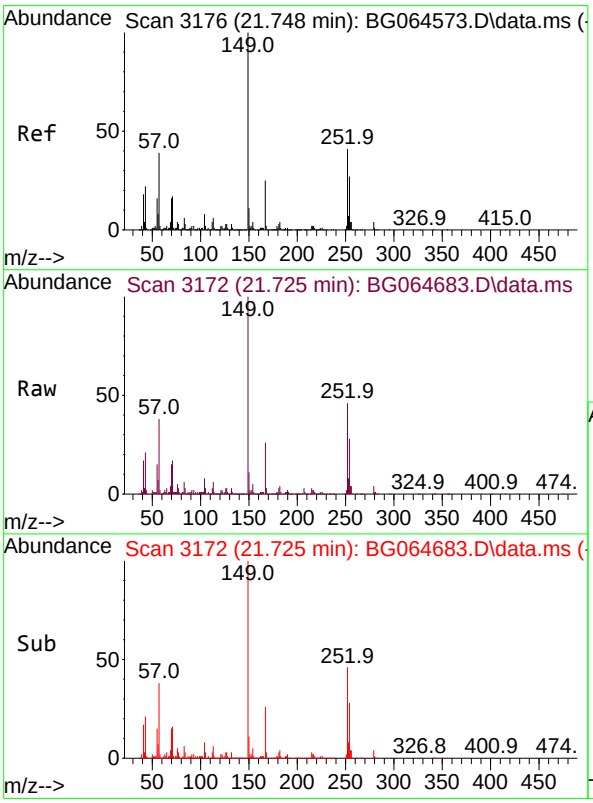
Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.3	34.9
229	20.2	15.2	22.8



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations
APPROVED

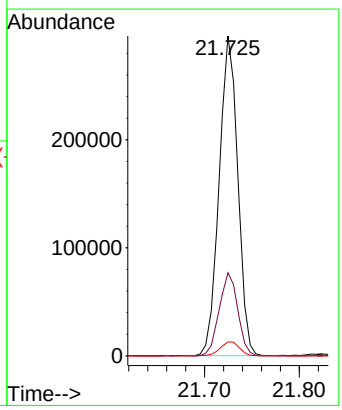
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

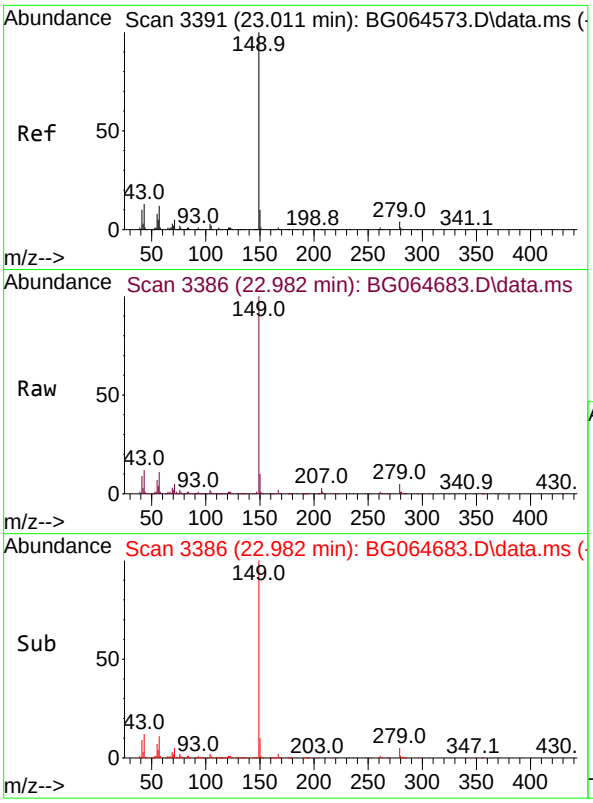


#84
Bis(2-ethylhexyl)phthalate
Concen: 49.131 ng
RT: 21.725 min Scan# 3172
Delta R.T. -0.024 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:149 Resp: 403941

Ion	Ratio	Lower	Upper
149	100		
167	26.0	20.0	30.0
279	4.4	3.1	4.7

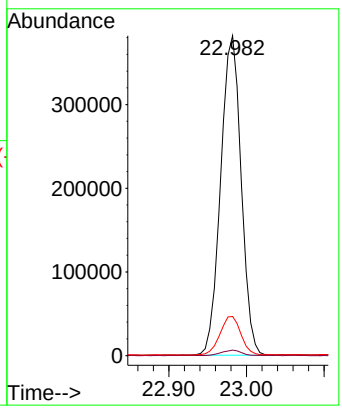




#85
Di-n-octyl phthalate
Concen: 50.622 ng
RT: 22.982 min Scan# 3
Delta R.T. -0.029 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:149 Resp: 70171

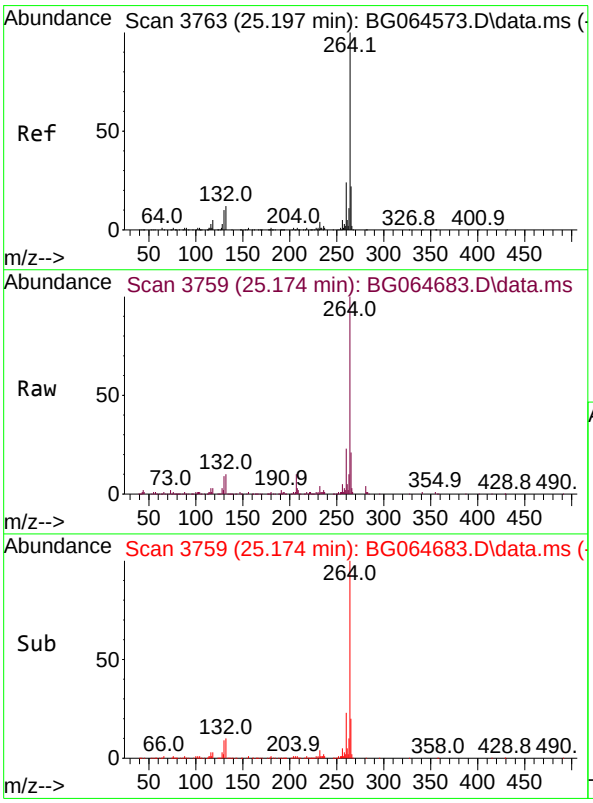
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	12.2	10.8	16.2



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations
APPROVED

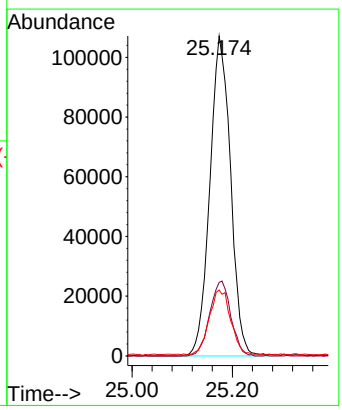
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

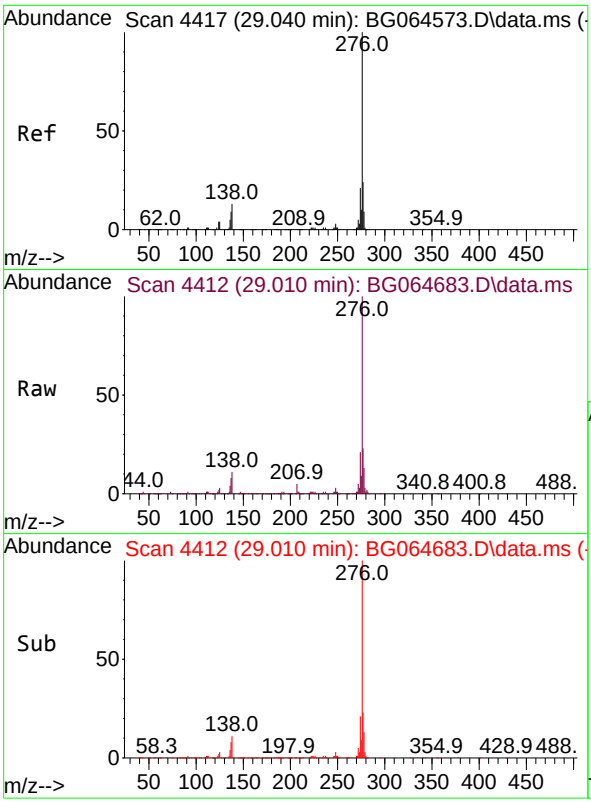


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.174 min Scan# 3759
Delta R.T. -0.024 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:264 Resp: 306904

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.0	28.4
265	20.6	17.6	26.4

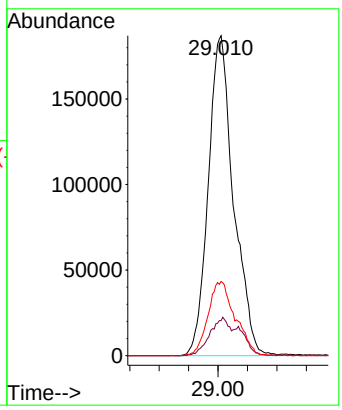




#87
Indeno(1,2,3-cd)pyrene
Concen: 49.501 ng
RT: 29.010 min Scan# 44
Delta R.T. -0.029 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:276 Resp: 111759

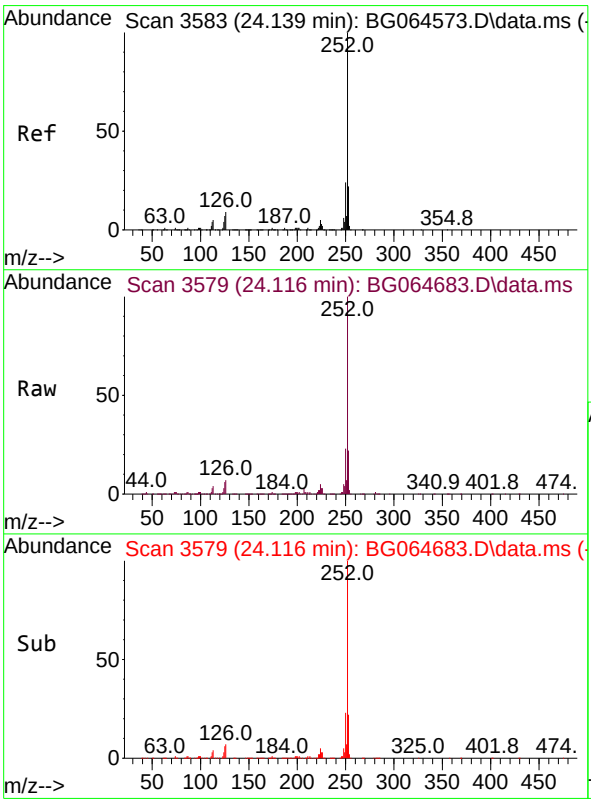
Ion	Ratio	Lower	Upper
276	100		
138	9.7	10.8	16.2#
277	24.9	20.1	30.1



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations
APPROVED

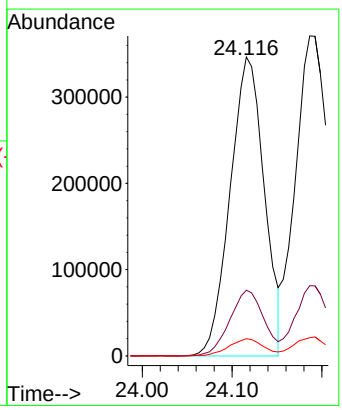
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

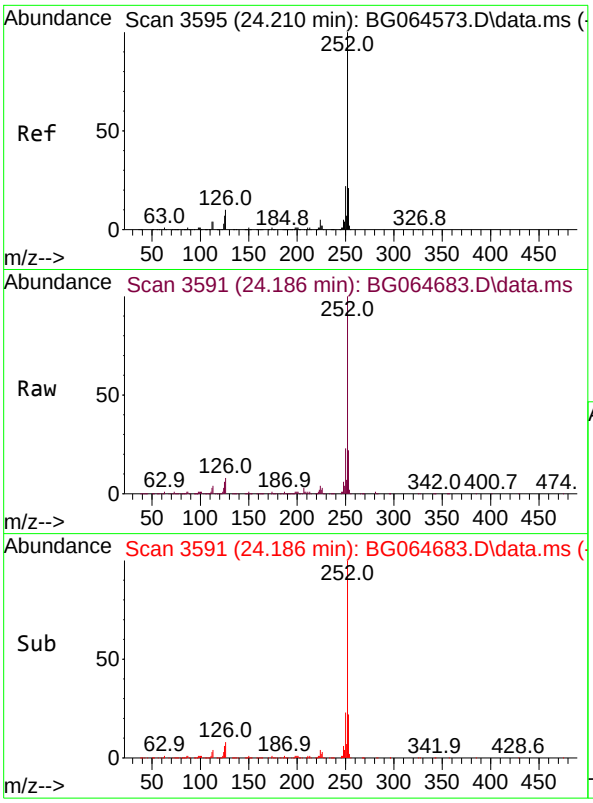


#88
Benzo(b)fluoranthene
Concen: 48.744 ng
RT: 24.116 min Scan# 3579
Delta R.T. -0.024 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:252 Resp: 917327

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	5.8	5.6	8.4

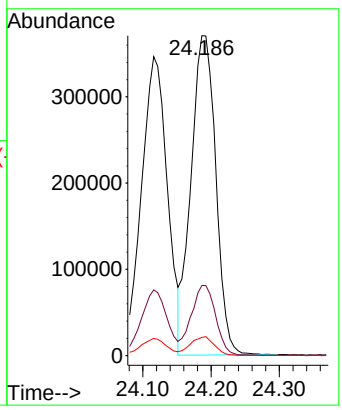




#89
Benzo(k)fluoranthene
Concen: 49.823 ng
RT: 24.186 min Scan# 3
Delta R.T. -0.024 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:252 Resp: 93828

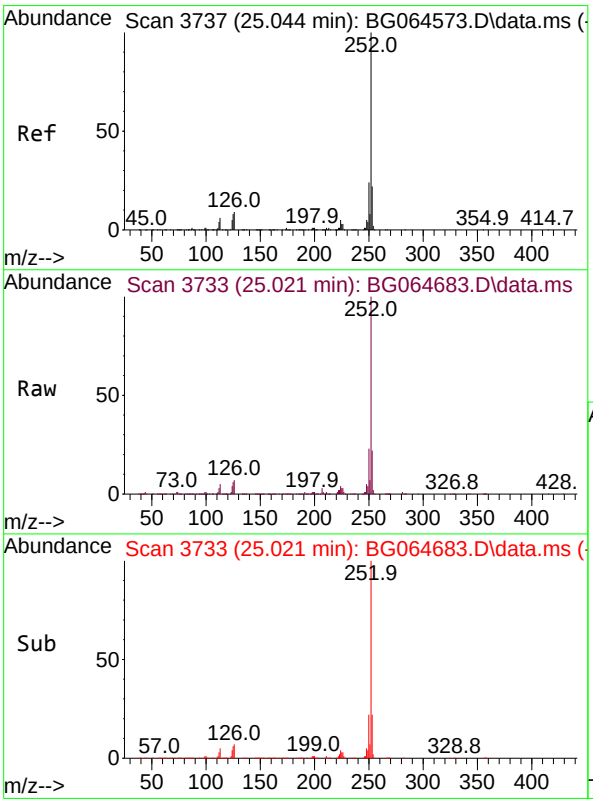
Ion	Ratio	Lower	Upper
252	100		
253	21.9	16.8	25.2
125	5.7	5.4	8.0



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations
APPROVED

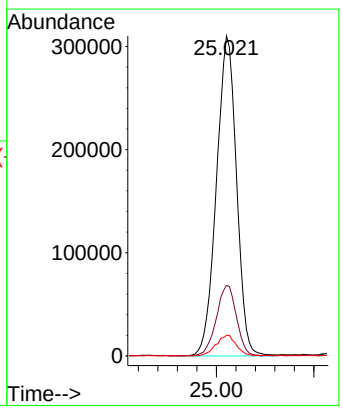
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

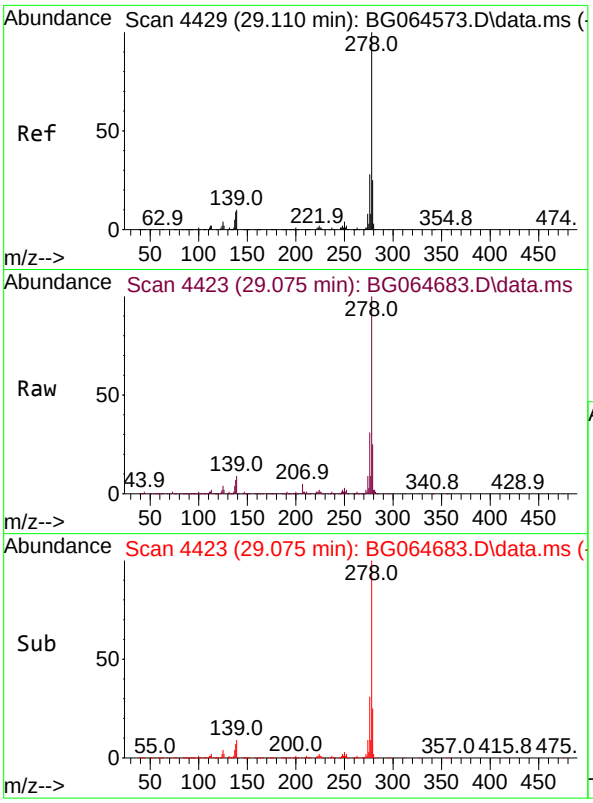


#90
Benzo(a)pyrene
Concen: 51.224 ng
RT: 25.021 min Scan# 3733
Delta R.T. -0.024 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:252 Resp: 886118

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	6.4	6.1	9.1

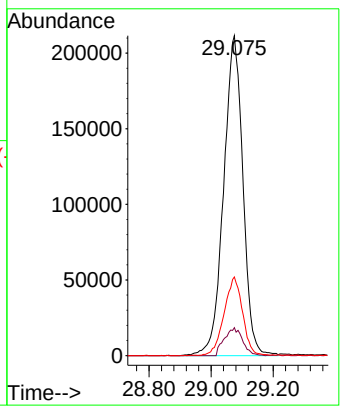




#91
Dibenzo(a,h)anthracene
Concen: 49.797 ng
RT: 29.075 min Scan# 44
Delta R.T. -0.035 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:278 Resp: 91337

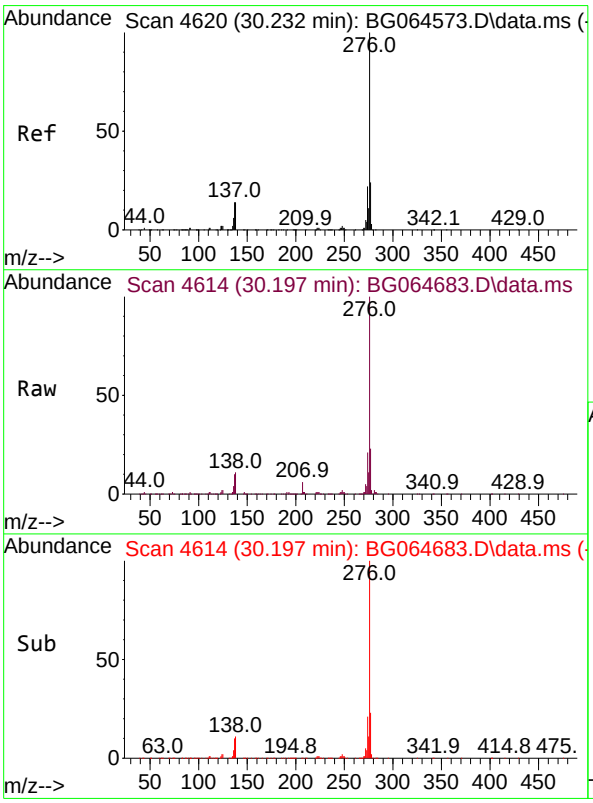
Ion	Ratio	Lower	Upper
278	100		
139	8.7	8.0	12.0
279	24.6	19.8	29.6



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations
APPROVED

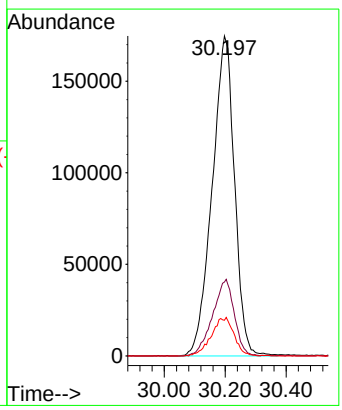
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#92
Benzo(g,h,i)perylene
Concen: 50.793 ng
RT: 30.197 min Scan# 4614
Delta R.T. -0.035 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:276 Resp: 889972

Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.1	28.7
138	11.1	11.3	16.9#



Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFFMSD	SDG No.:	Q3399
Lab Sample ID:	Q3399-01MSD	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	89.9
Sample Wt/Vol:	30.06 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS										
100-52-7	Benzaldehyde	1200		1	170	300	370	ug/Kg	11/03/25 22:46	PB170206
108-95-2	Phenol	1800		1	24.5	140	190	ug/Kg	11/03/25 22:46	PB170206
111-44-4	bis(2-Chloroethyl)ether	1600		1	27.0	140	190	ug/Kg	11/03/25 22:46	PB170206
95-57-8	2-Chlorophenol	2000		1	27.1	140	190	ug/Kg	11/03/25 22:46	PB170206
95-48-7	2-Methylphenol	1900		1	33.2	140	190	ug/Kg	11/03/25 22:46	PB170206
108-60-1	2,2-oxybis(1-Chloropropane)	1600		1	41.6	140	190	ug/Kg	11/03/25 22:46	PB170206
98-86-2	Acetophenone	2000		1	32.7	140	190	ug/Kg	11/03/25 22:46	PB170206
65794-96-9	3+4-Methylphenols	1800		1	45.6	300	370	ug/Kg	11/03/25 22:46	PB170206
621-64-7	n-Nitroso-di-n-propylamine	1700		1	52.6	88.8	88.8	ug/Kg	11/03/25 22:46	PB170206
67-72-1	Hexachloroethane	1900		1	19.5	140	190	ug/Kg	11/03/25 22:46	PB170206
98-95-3	Nitrobenzene	2000		1	20.3	140	190	ug/Kg	11/03/25 22:46	PB170206
78-59-1	Isophorone	1700		1	36.4	140	190	ug/Kg	11/03/25 22:46	PB170206
88-75-5	2-Nitrophenol	2400		1	64.6	140	190	ug/Kg	11/03/25 22:46	PB170206
105-67-9	2,4-Dimethylphenol	2000		1	71.9	140	190	ug/Kg	11/03/25 22:46	PB170206
111-91-1	bis(2-Chloroethoxy)methane	1700		1	34.2	140	190	ug/Kg	11/03/25 22:46	PB170206
120-83-2	2,4-Dichlorophenol	2100		1	31.4	140	190	ug/Kg	11/03/25 22:46	PB170206
91-20-3	Naphthalene	1800		1	25.2	140	190	ug/Kg	11/03/25 22:46	PB170206
106-47-8	4-Chloroaniline	930		1	39.3	140	190	ug/Kg	11/03/25 22:46	PB170206
87-68-3	Hexachlorobutadiene	2000		1	28.1	140	190	ug/Kg	11/03/25 22:46	PB170206
105-60-2	Caprolactam	1700		1	57.8	300	370	ug/Kg	11/03/25 22:46	PB170206
59-50-7	4-Chloro-3-methylphenol	2000		1	31.9	140	190	ug/Kg	11/03/25 22:46	PB170206
91-57-6	2-Methylnaphthalene	1700		1	28.4	140	190	ug/Kg	11/03/25 22:46	PB170206
77-47-4	Hexachlorocyclopentadiene	5600	E	1	130	300	370	ug/Kg	11/03/25 22:46	PB170206
88-06-2	2,4,6-Trichlorophenol	2100		1	22.0	140	190	ug/Kg	11/03/25 22:46	PB170206
95-95-4	2,4,5-Trichlorophenol	2000		1	32.3	140	190	ug/Kg	11/03/25 22:46	PB170206
92-52-4	1,1-Biphenyl	2000		1	24.2	140	190	ug/Kg	11/03/25 22:46	PB170206
91-58-7	2-Chloronaphthalene	1800		1	25.0	140	190	ug/Kg	11/03/25 22:46	PB170206
88-74-4	2-Nitroaniline	2000		1	53.4	140	190	ug/Kg	11/03/25 22:46	PB170206
131-11-3	Dimethylphthalate	1800		1	30.1	140	190	ug/Kg	11/03/25 22:46	PB170206
208-96-8	Acenaphthylene	2000		1	32.1	140	190	ug/Kg	11/03/25 22:46	PB170206
606-20-2	2,6-Dinitrotoluene	2200		1	37.3	140	190	ug/Kg	11/03/25 22:46	PB170206
99-09-2	3-Nitroaniline	1600		1	51.1	140	190	ug/Kg	11/03/25 22:46	PB170206
83-32-9	Acenaphthene	2000		1	23.6	140	190	ug/Kg	11/03/25 22:46	PB170206
51-28-5	2,4-Dinitrophenol	4000	E	1	250	300	370	ug/Kg	11/03/25 22:46	PB170206
100-02-7	4-Nitrophenol	3500	E	1	120	300	370	ug/Kg	11/03/25 22:46	PB170206
132-64-9	Dibenzofuran	1800		1	25.2	140	190	ug/Kg	11/03/25 22:46	PB170206
121-14-2	2,4-Dinitrotoluene	2100		1	55.6	140	190	ug/Kg	11/03/25 22:46	PB170206
84-66-2	Diethylphthalate	1800		1	31.4	140	190	ug/Kg	11/03/25 22:46	PB170206
7005-72-3	4-Chlorophenyl-phenylether	1900		1	29.6	140	190	ug/Kg	11/03/25 22:46	PB170206
86-73-7	Fluorene	1800		1	28.1	140	190	ug/Kg	11/03/25 22:46	PB170206
100-01-6	4-Nitroaniline	2000		1	71.3	140	190	ug/Kg	11/03/25 22:46	PB170206
534-52-1	4,6-Dinitro-2-methylphenol	2400		1	110	300	370	ug/Kg	11/03/25 22:46	PB170206

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFFMSD	SDG No.:	Q3399
Lab Sample ID:	Q3399-01MSD	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	89.9
Sample Wt/Vol:	30.06 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1900		1	36.5	140	190	ug/Kg	11/03/25 22:46	PB170206
101-55-3	4-Bromophenyl-phenylether	2000		1	30.9	140	190	ug/Kg	11/03/25 22:46	PB170206
118-74-1	Hexachlorobenzene	2000		1	28.1	140	190	ug/Kg	11/03/25 22:46	PB170206
1912-24-9	Atrazine	2000		1	37.7	140	190	ug/Kg	11/03/25 22:46	PB170206
87-86-5	Pentachlorophenol	2600		1	56.9	300	370	ug/Kg	11/03/25 22:46	PB170206
85-01-8	Phenanthrene	1800		1	23.2	140	190	ug/Kg	11/03/25 22:46	PB170206
120-12-7	Anthracene	1800		1	37.0	140	190	ug/Kg	11/03/25 22:46	PB170206
86-74-8	Carbazole	1800		1	34.6	140	190	ug/Kg	11/03/25 22:46	PB170206
84-74-2	Di-n-butylphthalate	1800		1	53.2	140	190	ug/Kg	11/03/25 22:46	PB170206
206-44-0	Fluoranthene	1800		1	33.3	140	190	ug/Kg	11/03/25 22:46	PB170206
129-00-0	Pyrene	1700		1	40.0	140	190	ug/Kg	11/03/25 22:46	PB170206
85-68-7	Butylbenzylphthalate	2000		1	79.3	140	190	ug/Kg	11/03/25 22:46	PB170206
91-94-1	3,3-Dichlorobenzidine	1400		1	40.7	300	370	ug/Kg	11/03/25 22:46	PB170206
56-55-3	Benzo(a)anthracene	1800		1	25.5	140	190	ug/Kg	11/03/25 22:46	PB170206
218-01-9	Chrysene	1800		1	22.1	140	190	ug/Kg	11/03/25 22:46	PB170206
117-81-7	Bis(2-ethylhexyl)phthalate	1900		1	65.7	140	190	ug/Kg	11/03/25 22:46	PB170206
117-84-0	Di-n-octyl phthalate	1900		1	96.4	300	370	ug/Kg	11/03/25 22:46	PB170206
205-99-2	Benzo(b)fluoranthene	1900		1	21.1	140	190	ug/Kg	11/03/25 22:46	PB170206
207-08-9	Benzo(k)fluoranthene	1900		1	24.9	140	190	ug/Kg	11/03/25 22:46	PB170206
50-32-8	Benzo(a)pyrene	1900		1	32.7	140	190	ug/Kg	11/03/25 22:46	PB170206
193-39-5	Indeno(1,2,3-cd)pyrene	1900		1	32.3	140	190	ug/Kg	11/03/25 22:46	PB170206
53-70-3	Dibenzo(a,h)anthracene	1900		1	30.4	140	190	ug/Kg	11/03/25 22:46	PB170206
191-24-2	Benzo(g,h,i)perylene	1900		1	28.5	140	190	ug/Kg	11/03/25 22:46	PB170206
95-94-3	1,2,4,5-Tetrachlorobenzene	2100		1	28.4	140	190	ug/Kg	11/03/25 22:46	PB170206
123-91-1	1,4-Dioxane	1200		1	50.2	140	190	ug/Kg	11/03/25 22:46	PB170206
58-90-2	2,3,4,6-Tetrachlorophenol	2200		1	30.4	140	190	ug/Kg	11/03/25 22:46	PB170206
SURROGATES										
367-12-4	2-Fluorophenol	91.1			35 - 115		61%	SPK: 150		
13127-88-3	Phenol-d6	98.9			34 - 127		66%	SPK: 150		
4165-60-0	Nitrobenzene-d5	74.1			37 - 122		74%	SPK: 100		
321-60-8	2-Fluorobiphenyl	60.0			44 - 115		60%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	121			39 - 132		81%	SPK: 150		
1718-51-0	Terphenyl-d14	60.6			54 - 127		61%	SPK: 100		
INTERNAL STANDARDS		**Area Count**								
3855-82-1	1,4-Dichlorobenzene-d4	29900								
1146-65-2	Naphthalene-d8	119000								
15067-26-2	Acenaphthene-d10	97600								
1517-22-2	Phenanthrene-d10	238000								
1719-03-5	Chrysene-d12	275000								
1520-96-3	Perylene-d12	303000								

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFFMSD	SDG No.:	Q3399
Lab Sample ID:	Q3399-01MSD	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	89.9
Sample Wt/Vol:	30.06 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064684.D
Acq On : 3 Nov 2025 22:46
Operator : RC/JU
Sample : Q3399-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 04 00:48:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.206	152	29939	20.000	ng		-0.02
21) Naphthalene-d8	11.032	136	118752	20.000	ng		-0.02
39) Acenaphthene-d10	14.834	164	97631	20.000	ng		-0.01
64) Phenanthrene-d10	17.572	188	238127	20.000	ng		#-0.01
76) Chrysene-d12	21.843	240	275359	20.000	ng		#-0.02
86) Perylene-d12	25.180	264	303393	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.744	112	162495	91.101	ng		0.00
7) Phenol-d6	7.348	99	242031	98.886	ng		0.00
23) Nitrobenzene-d5	9.375	82	146476	74.085	ng		-0.01
42) 2,4,6-Tribromophenol	16.314	330	171104	121.427	ng		0.00
45) 2-Fluorobiphenyl	13.459	172	386387	59.988	ng		-0.02
79) Terphenyl-d14	20.157	244	884487	60.618	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.576	88	26347	33.364	ng		98
3) Pyridine	3.987	79	74639	31.474	ng		95
4) n-Nitrosodimethylamine	3.893	42	51702	40.655	ng		97
6) Aniline	7.519	93	105815	31.771	ng		99
8) 2-Chlorophenol	7.765	128	100448	53.803	ng		94
9) Benzaldehyde	7.331	77	43143	32.287	ng		92
10) Phenol	7.378	94	135096	49.910	ng		97
11) bis(2-Chloroethyl)ether	7.613	93	85702	43.064	ng		98
12) 1,3-Dichlorobenzene	8.100	146	102870	47.873	ng		95
13) 1,4-Dichlorobenzene	8.241	146	108729	49.763	ng		96
14) 1,2-Dichlorobenzene	8.564	146	105114	49.878	ng		98
15) Benzyl Alcohol	8.441	79	99746	49.420	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.735	45	220307	42.202	ng		98
17) 2-Methylphenol	8.641	107	90396	50.299	ng		94
18) Hexachloroethane	9.305	117	38564	50.296	ng		92
19) n-Nitroso-di-n-propyla...	9.011	70	76973	45.505	ng		99
20) 3+4-Methylphenols	8.970	107	125725	49.745	ng		98
22) Acetophenone	9.034	105	172932	53.272	ng	#	96
24) Nitrobenzene	9.416	77	115831	53.864	ng		95
25) Isophorone	9.945	82	218689	46.096	ng		99
26) 2-Nitrophenol	10.133	139	54190	64.182	ng	#	90
27) 2,4-Dimethylphenol	10.186	122	95345	54.028	ng		97
28) bis(2-Chloroethoxy)met...	10.421	93	126872	46.969	ng		100
29) 2,4-Dichlorophenol	10.674	162	105460	55.529	ng		95
30) 1,2,4-Trichlorobenzene	10.897	180	120331	55.764	ng		95
31) Naphthalene	11.085	128	322463	48.977	ng		99
32) Benzoic acid	10.309	122	74800m	54.449	ng		
33) 4-Chloroaniline	11.179	127	64055	25.031	ng		95
34) Hexachlorobutadiene	11.373	225	92994	55.106	ng		99
35) Caprolactam	11.955	113	33266m	45.669	ng		
36) 4-Chloro-3-methylphenol	12.289	107	124062	54.345	ng		96
37) 2-Methylnaphthalene	12.677	142	220918	45.702	ng		99
38) 1-Methylnaphthalene	12.895	142	232934	48.676	ng		93
40) 1,2,4,5-Tetrachloroben...	13.042	216	184783	56.395	ng		99
41) Hexachlorocyclopentadiene	13.024	237	222759	151.043	ng		97
43) 2,4,6-Trichlorophenol	13.271	196	107743	57.487	ng		95

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064684.D
Acq On : 3 Nov 2025 22:46
Operator : RC/JU
Sample : Q3399-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 04 00:48:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.341	196	118709	54.886	ng		96
46) 1,1'-Biphenyl	13.670	154	372154	53.618	ng		96
47) 2-Chloronaphthalene	13.717	162	259250	49.483	ng		98
48) 2-Nitroaniline	13.905	65	93538	52.834	ng		96
49) Acenaphthylene	14.557	152	454638	55.015	ng		98
50) Dimethylphthalate	14.281	163	369114	49.408	ng		99
51) 2,6-Dinitrotoluene	14.393	165	74798	59.836	ng		93
52) Acenaphthene	14.898	154	305203	54.056	ng		99
53) 3-Nitroaniline	14.722	138	55166	42.968	ng		97
54) 2,4-Dinitrophenol	14.928	184	84070	108.975	ng	#	33
55) Dibenzofuran	15.227	168	444612	48.709	ng		96
56) 4-Nitrophenol	15.022	139	112764	94.733	ng		95
57) 2,4-Dinitrotoluene	15.174	165	108809	56.513	ng	#	99
58) Fluorene	15.874	166	351759	49.345	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.445	232	123058	59.500	ng		96
60) Diethylphthalate	15.633	149	360779	47.297	ng		100
61) 4-Chlorophenyl-phenyle...	15.862	204	205542	51.379	ng		98
62) 4-Nitroaniline	15.879	138	78871	55.219	ng		92
63) Azobenzene	16.156	77	346815	49.553	ng		97
65) 4,6-Dinitro-2-methylph...	15.938	198	70044	64.716	ng		97
66) n-Nitrosodiphenylamine	16.073	169	322527	50.141	ng		99
67) 4-Bromophenyl-phenylether	16.755	248	153261	54.311	ng		97
68) Hexachlorobenzene	16.878	284	178294	55.383	ng		96
69) Atrazine	17.013	200	147201	53.177	ng		96
70) Pentachlorophenol	17.219	266	142833	71.149	ng		96
71) Phenanthrene	17.613	178	639960	49.144	ng		99
72) Anthracene	17.701	178	649301	49.016	ng		100
73) Carbazole	17.965	167	574716	49.201	ng		99
74) Di-n-butylphthalate	18.517	149	641418	47.485	ng		99
75) Fluoranthene	19.604	202	803723	49.267	ng		98
77) Benzidine	19.775	184	244042	39.558	ng		98
78) Pyrene	19.969	202	839699	46.674	ng		100
80) Butylbenzylphthalate	20.838	149	290726	53.468	ng		96
81) Benzo(a)anthracene	21.825	228	903611	49.492	ng		99
82) 3,3'-Dichlorobenzidine	21.731	252	224568	36.833	ng		96
83) Chrysene	21.890	228	854597	49.192	ng		98
84) Bis(2-ethylhexyl)phtha...	21.725	149	412267	50.742	ng		99
85) Di-n-octyl phthalate	22.983	149	706328	51.563	ng		97
87) Indeno(1,2,3-cd)pyrene	29.011	276	1121993	50.272	ng	#	96
88) Benzo(b)fluoranthene	24.117	252	936337	50.330	ng		98
89) Benzo(k)fluoranthene	24.193	252	944899	50.755	ng		99
90) Benzo(a)pyrene	25.022	252	883881	51.686	ng		97
91) Dibenzo(a,h)anthracene	29.076	278	922930	50.900	ng		97
92) Benzo(g,h,i)perylene	30.198	276	895587	51.705	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

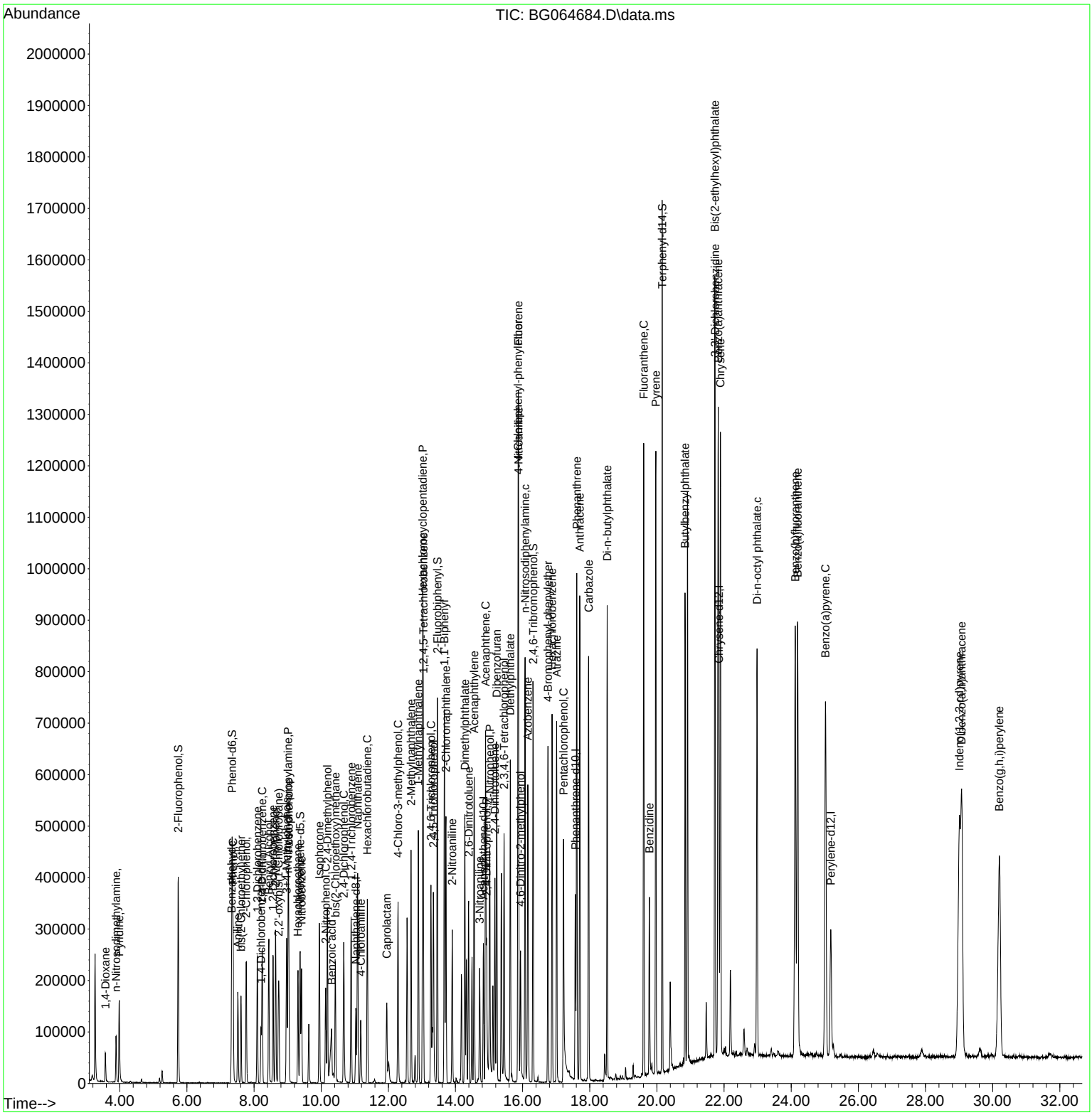
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Data File : BG064684.D
Acq On : 3 Nov 2025 22:46
Operator : RC/JU
Sample : Q3399-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

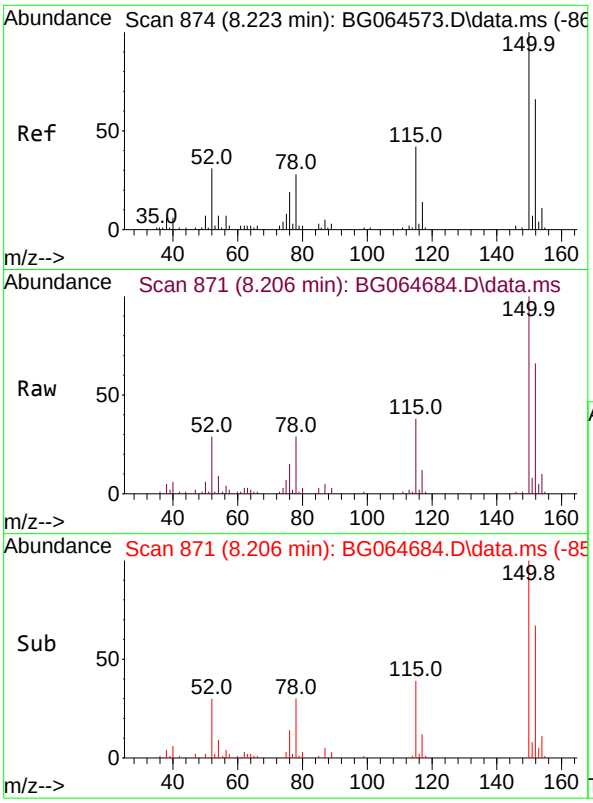
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations APPROVED

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Supervised By :mohammad ahmed 11/05/2025

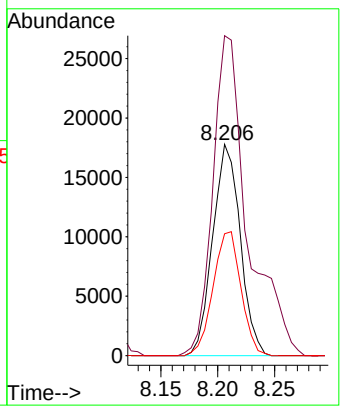




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.206 min Scan# 8
Delta R.T. -0.017 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:152 Resp: 2993

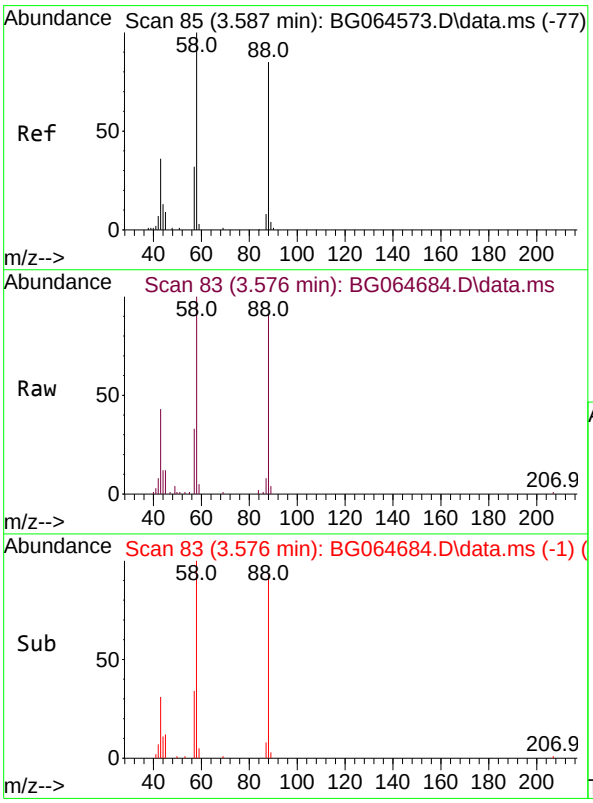
Ion	Ratio	Lower	Upper
152	100		
150	151.5	122.2	183.4
115	57.7	50.8	76.2



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations
APPROVED

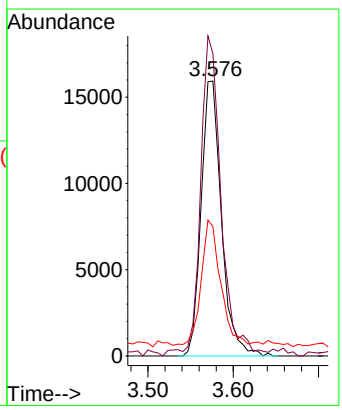
Reviewed By :Jagrut Upadhyay 11/04/2025
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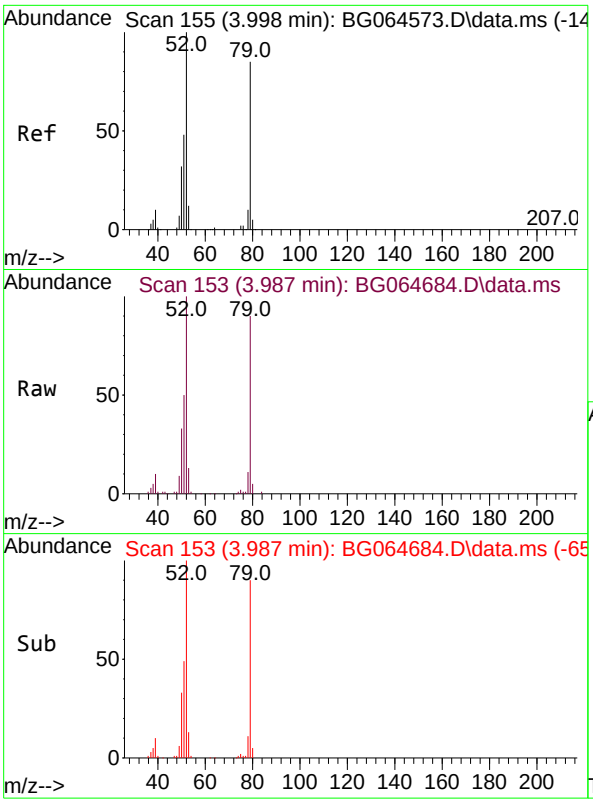


#2
1,4-Dioxane
Concen: 33.364 ng
RT: 3.576 min Scan# 83
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion: 88 Resp: 26347

Ion	Ratio	Lower	Upper
88	100		
58	118.3	92.4	138.6
43	42.4	33.0	49.6

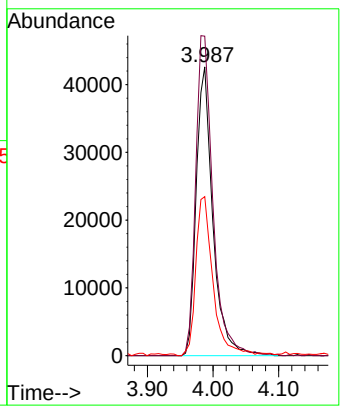




#3
Pyridine
Concen: 31.474 ng
RT: 3.987 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion: 79 Resp: 7463

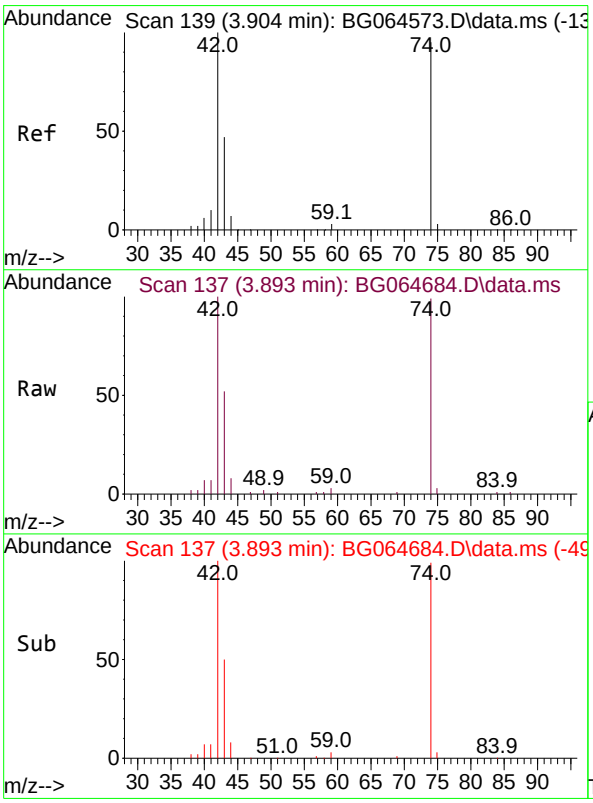
Ion	Ratio	Lower	Upper
79	100		
52	110.6	94.2	141.2
51	55.0	46.1	69.1



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations
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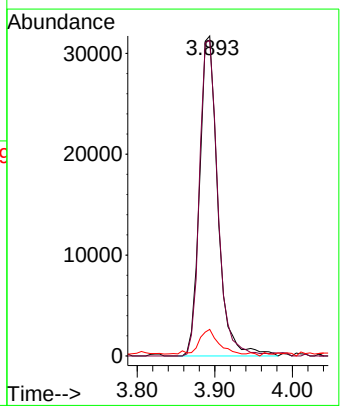
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

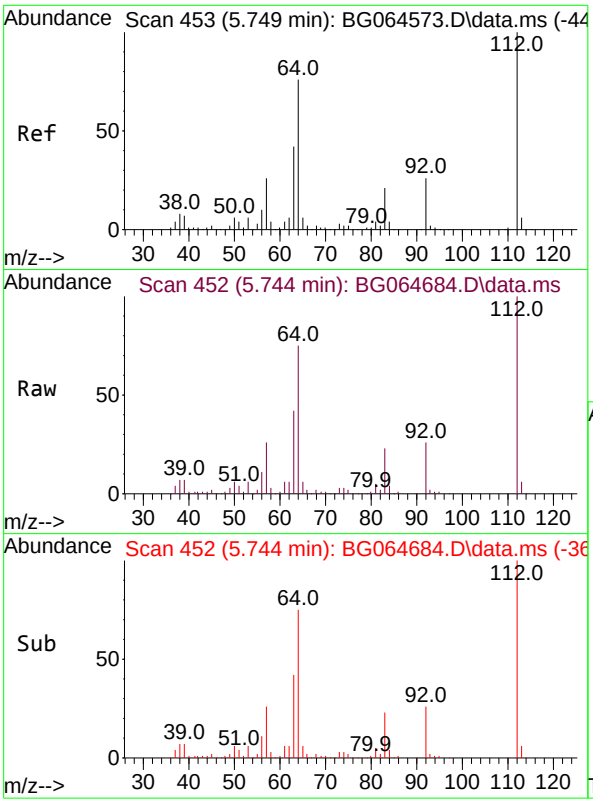


#4
n-Nitrosodimethylamine
Concen: 40.655 ng
RT: 3.893 min Scan# 137
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion: 42 Resp: 51702

Ion	Ratio	Lower	Upper
42	100		
74	98.6	76.1	114.1
44	8.3	6.3	9.5

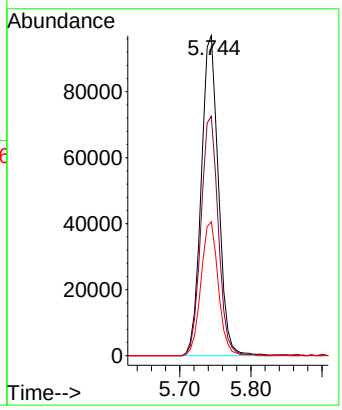




#5
2-Fluorophenol
Concen: 91.101 ng
RT: 5.744 min Scan# 4
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:112 Resp: 16249

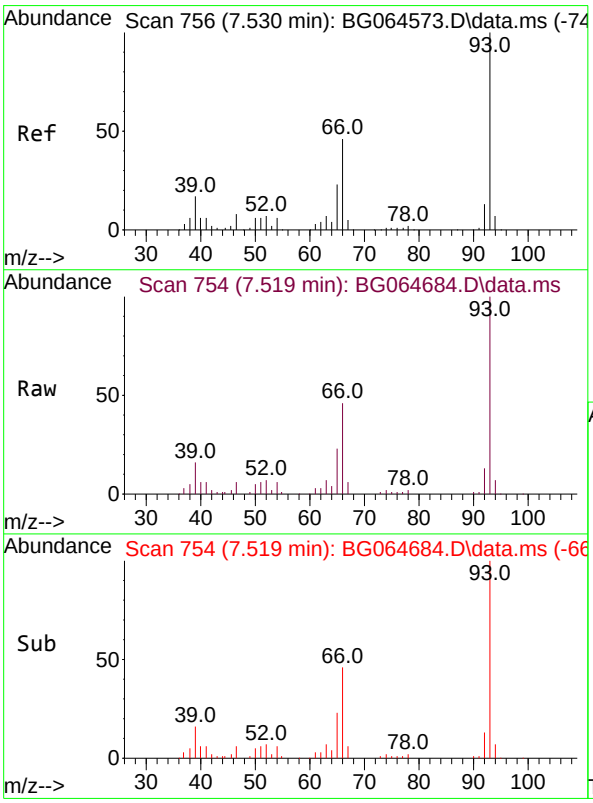
Ion	Ratio	Lower	Upper
112	100		
64	74.8	60.7	91.1
63	41.8	33.4	50.0



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations
APPROVED

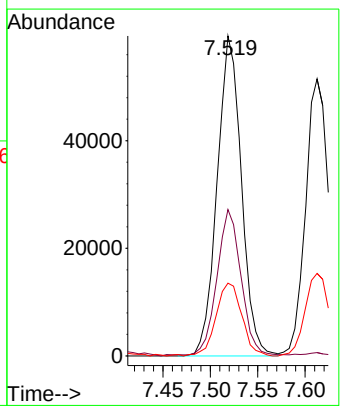
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

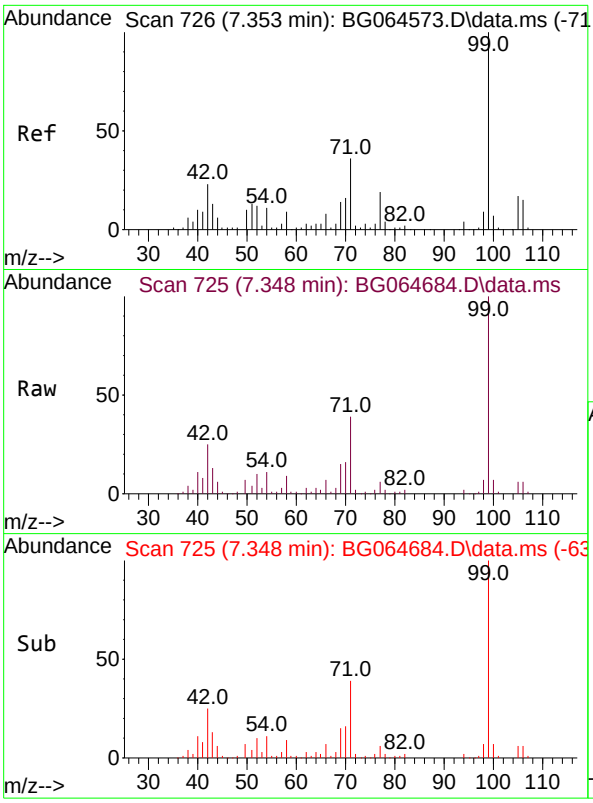


#6
Aniline
Concen: 31.771 ng
RT: 7.519 min Scan# 754
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion: 93 Resp: 105815

Ion	Ratio	Lower	Upper
93	100		
66	45.7	37.0	55.6
65	22.7	18.3	27.5

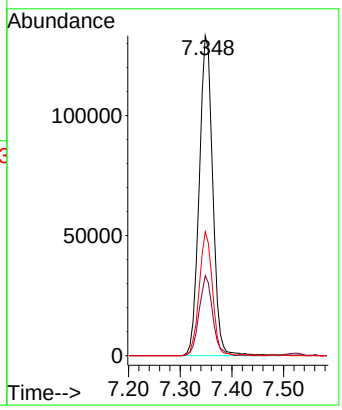




#7
Phenol-d6
Concen: 98.886 ng
RT: 7.348 min Scan# 7
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion: 99 Resp: 24203

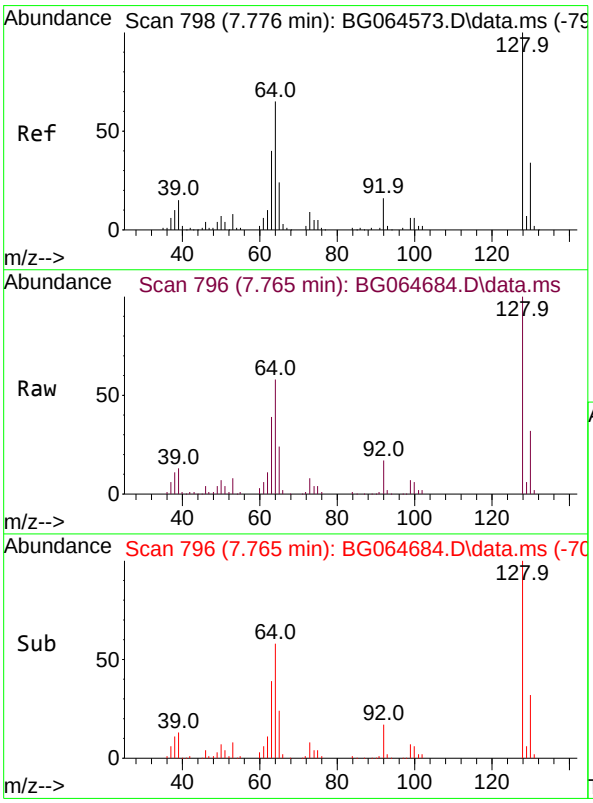
Ion	Ratio	Lower	Upper
99	100		
42	25.0	18.3	27.5
71	38.7	28.6	43.0



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations
APPROVED

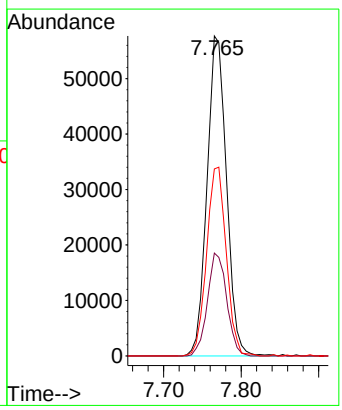
Reviewed By :Jagrut Upadhyay 11/04/2025
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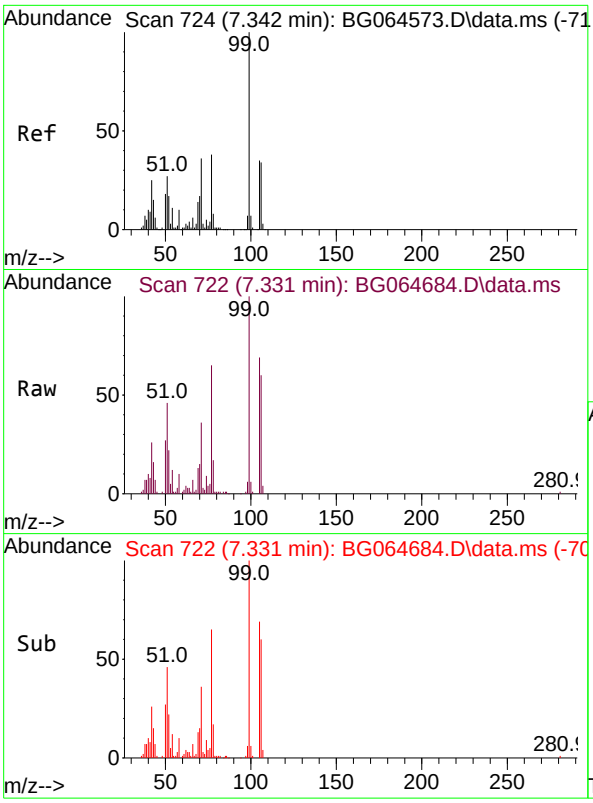


#8
2-Chlorophenol
Concen: 53.803 ng
RT: 7.765 min Scan# 796
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:128 Resp: 100448

Ion	Ratio	Lower	Upper
128	100		
130	32.1	13.5	53.5
64	58.4	45.2	85.2

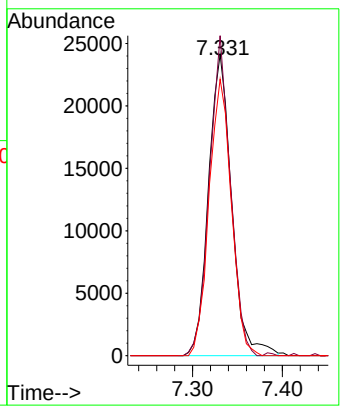




#9
Benzaldehyde
Concen: 32.287 ng
RT: 7.331 min Scan# 7
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion: 77 Resp: 4314

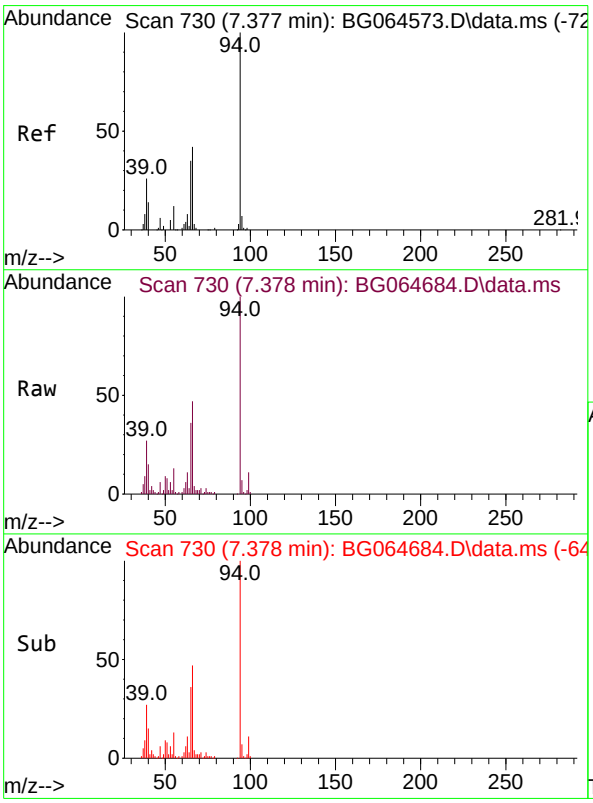
Ion	Ratio	Lower	Upper
77	100		
105	106.3	72.9	112.9
106	91.8	70.8	110.8



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations
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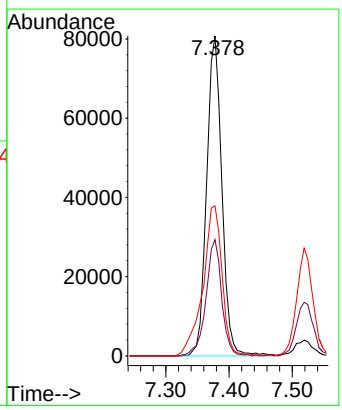
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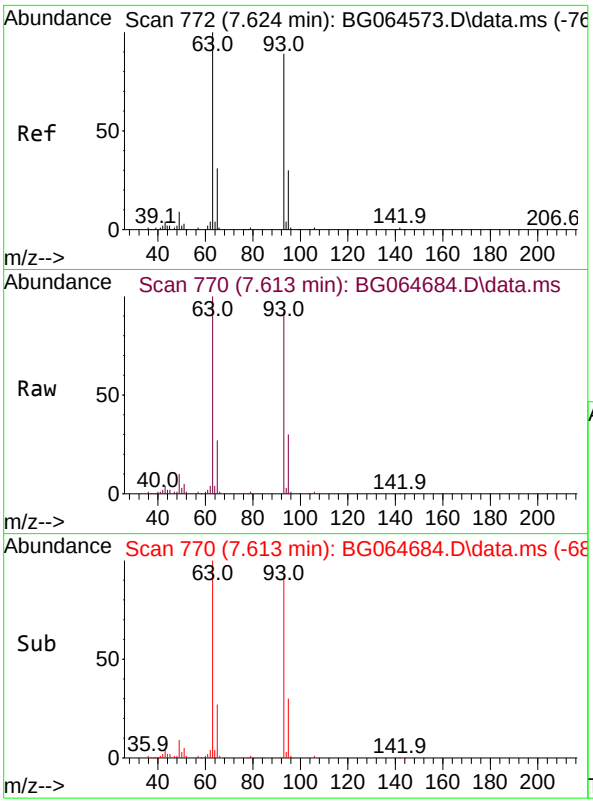


#10
Phenol
Concen: 49.910 ng
RT: 7.378 min Scan# 730
Delta R.T. 0.001 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion: 94 Resp: 135096

Ion	Ratio	Lower	Upper
94	100		
65	36.3	15.8	55.8
66	46.9	24.0	64.0

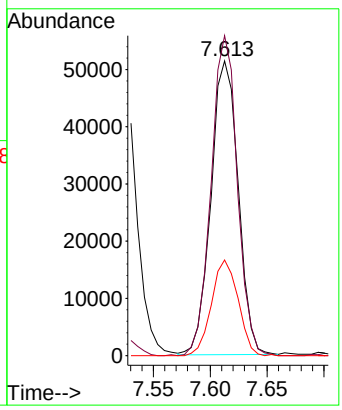




#11
bis(2-Chloroethyl)ether
Concen: 43.064 ng
RT: 7.613 min Scan# 7
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion: 93 Resp: 8570

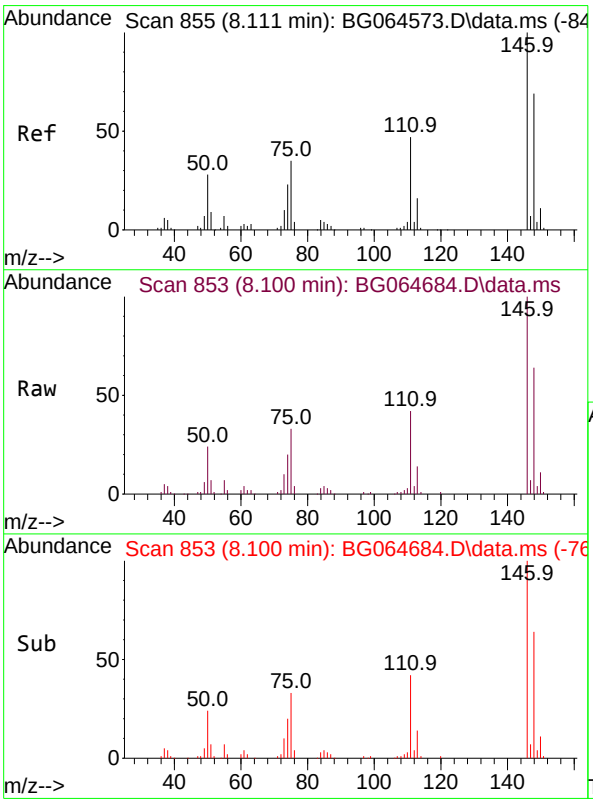
Ion	Ratio	Lower	Upper
93	100		
63	108.6	91.3	131.3
95	32.5	13.3	53.3



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations
APPROVED

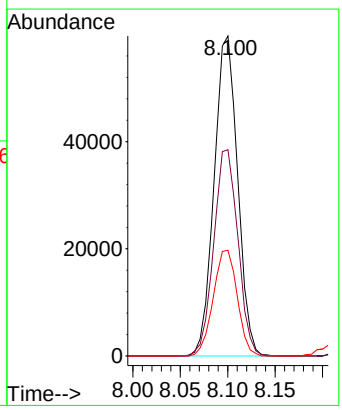
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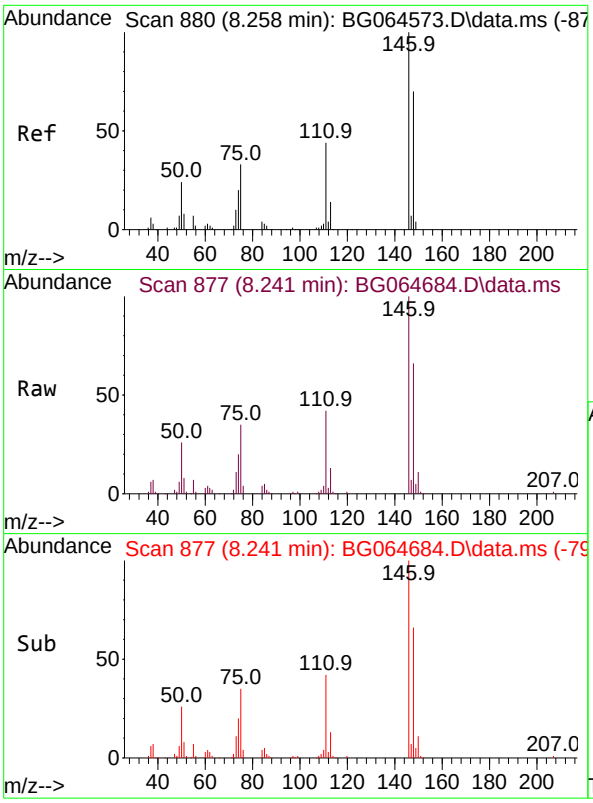


#12
1,3-Dichlorobenzene
Concen: 47.873 ng
RT: 8.100 min Scan# 853
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:146 Resp: 102870

Ion	Ratio	Lower	Upper
146	100		
148	64.4	55.3	82.9
75	33.0	28.2	42.2

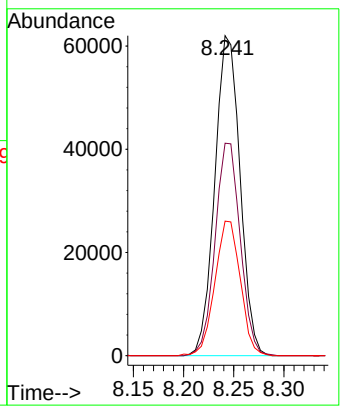




#13
1,4-Dichlorobenzene
Concen: 49.763 ng
RT: 8.241 min Scan# 8
Delta R.T. -0.017 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:146 Resp: 10872

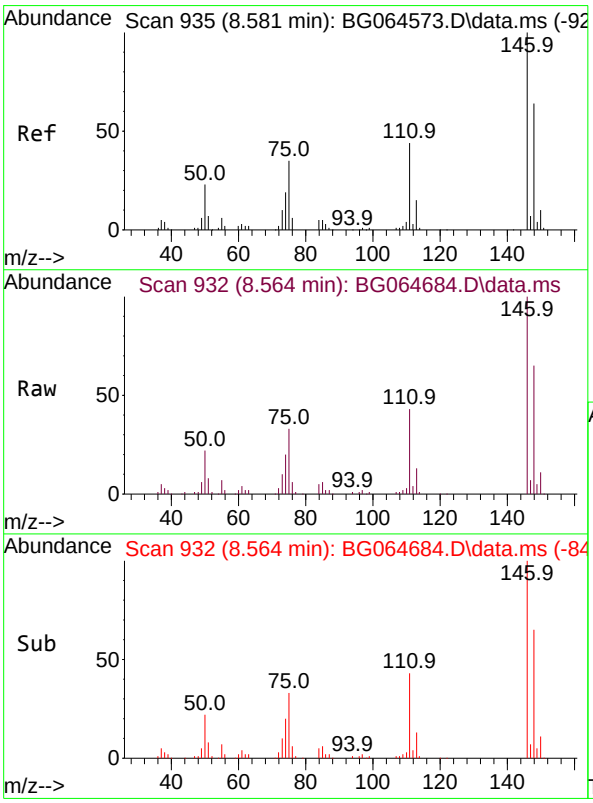
Ion	Ratio	Lower	Upper
146	100		
148	66.4	56.2	84.4
111	42.0	35.4	53.0



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations
APPROVED

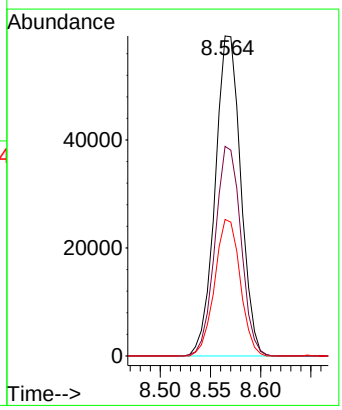
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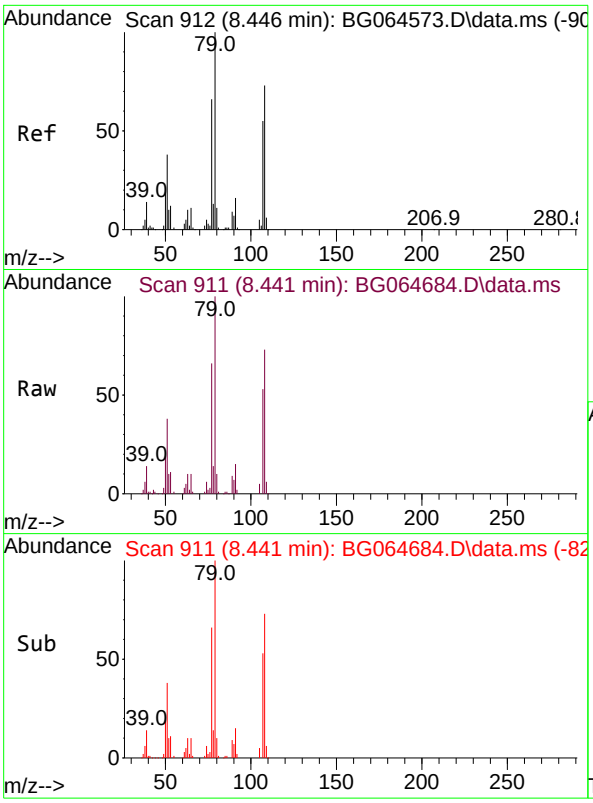


#14
1,2-Dichlorobenzene
Concen: 49.878 ng
RT: 8.564 min Scan# 932
Delta R.T. -0.017 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:146 Resp: 105114

Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.5	77.3
111	42.6	35.0	52.6

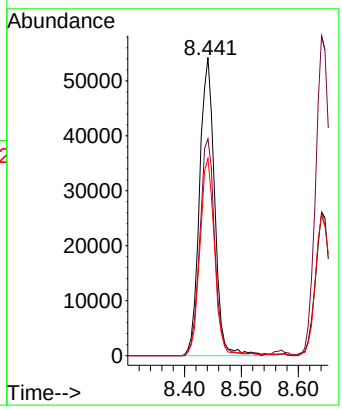




#15
Benzyl Alcohol
Concen: 49.420 ng
RT: 8.441 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion: 79 Resp: 9974

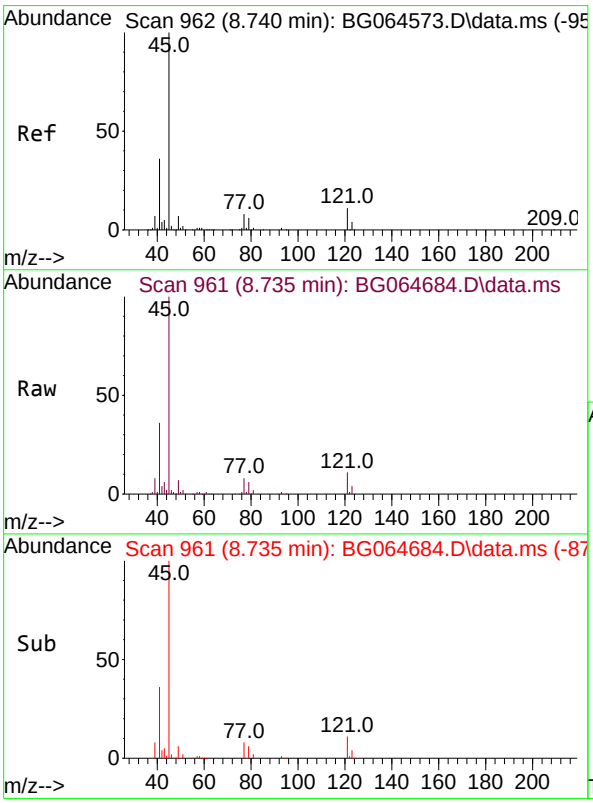
Ion	Ratio	Lower	Upper
79	100		
108	72.7	58.1	87.1
77	66.2	52.8	79.2



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations
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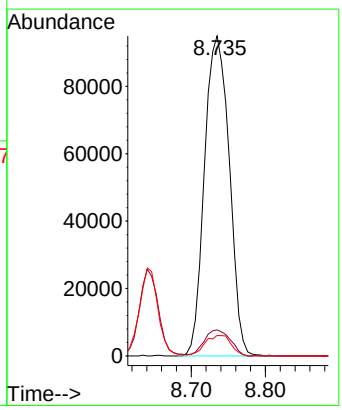
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

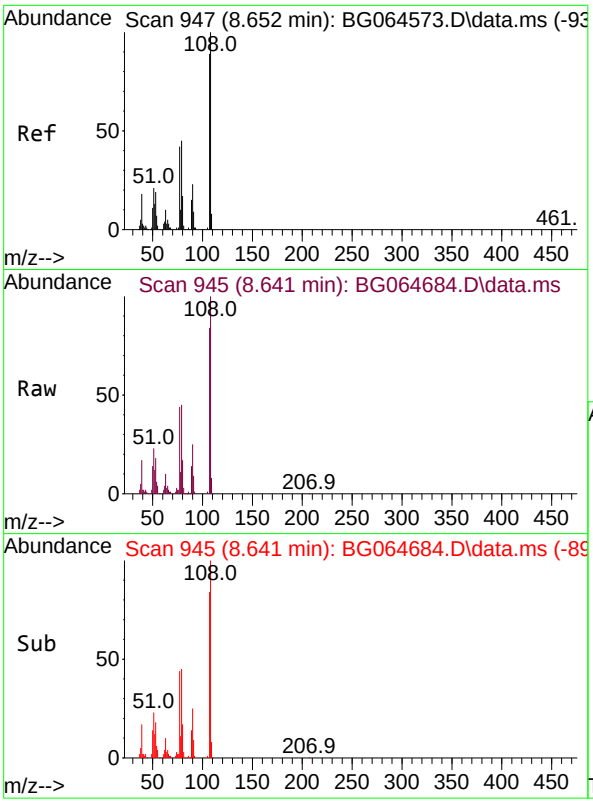


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.202 ng
RT: 8.735 min Scan# 961
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion: 45 Resp: 220307

Ion	Ratio	Lower	Upper
45	100		
77	8.1	0.0	28.5
79	6.4	0.0	25.6

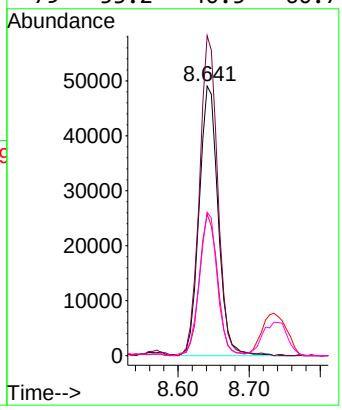




#17
2-Methylphenol
Concen: 50.299 ng
RT: 8.641 min Scan# 94
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:107 Resp: 9039

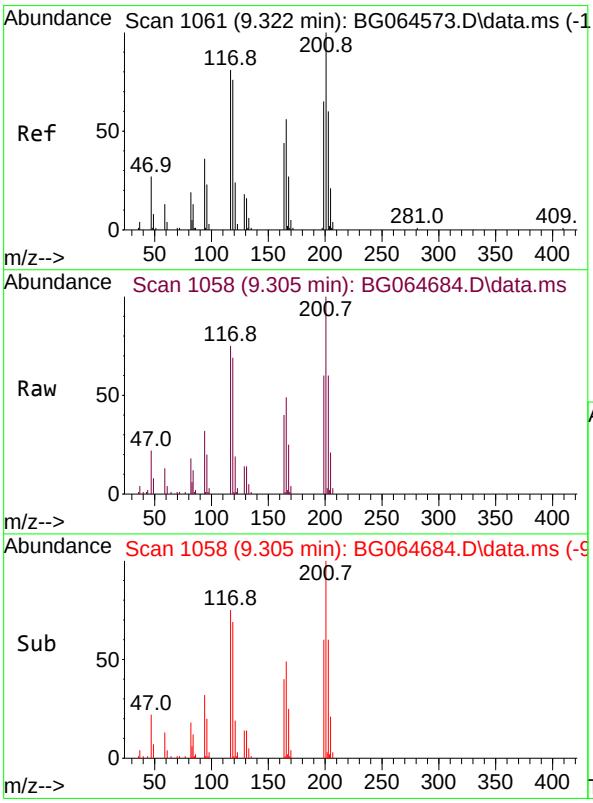
Ion	Ratio	Lower	Upper
107	100		
108	118.8	90.0	135.0
77	52.5	37.8	56.8
79	53.2	40.5	60.7



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations
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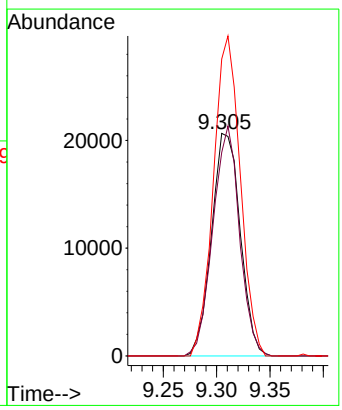
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

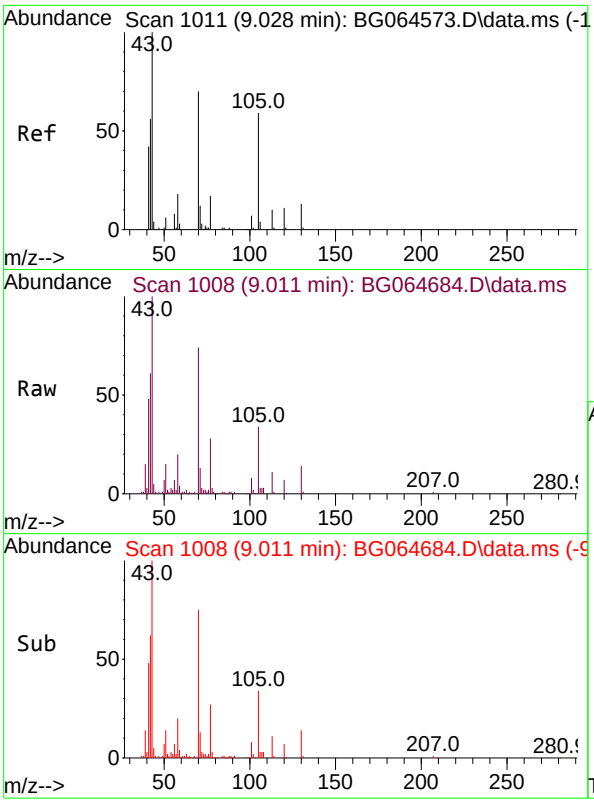


#18
Hexachloroethane
Concen: 50.296 ng
RT: 9.305 min Scan# 1058
Delta R.T. -0.017 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:117 Resp: 38564

Ion	Ratio	Lower	Upper
117	100		
119	92.7	75.4	113.2
201	137.8	99.2	148.8

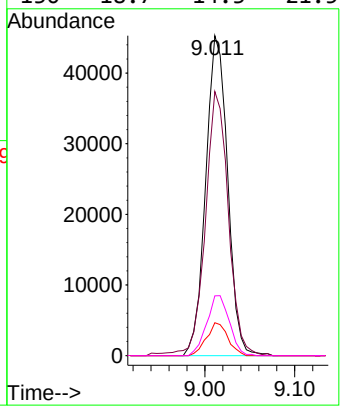




#19
n-Nitroso-di-n-propylamine
Concen: 45.505 ng
RT: 9.011 min Scan# 1
Delta R.T. -0.017 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion: 70 Resp: 7697

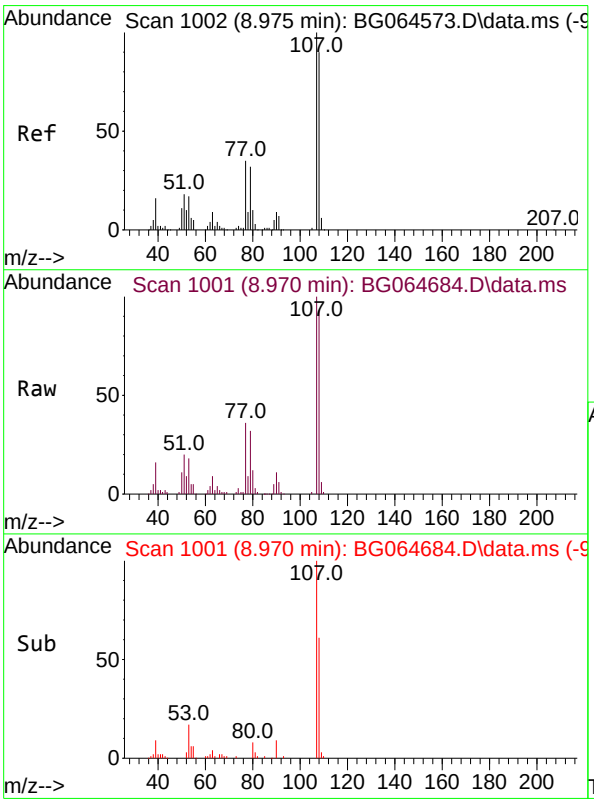
Ion	Ratio	Lower	Upper
70	100		
42	82.5	65.2	97.8
101	10.3	7.9	11.9
130	18.7	14.3	21.5



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations
APPROVED

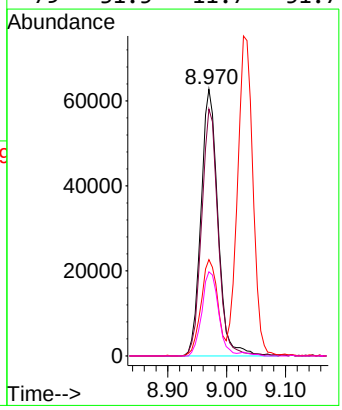
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

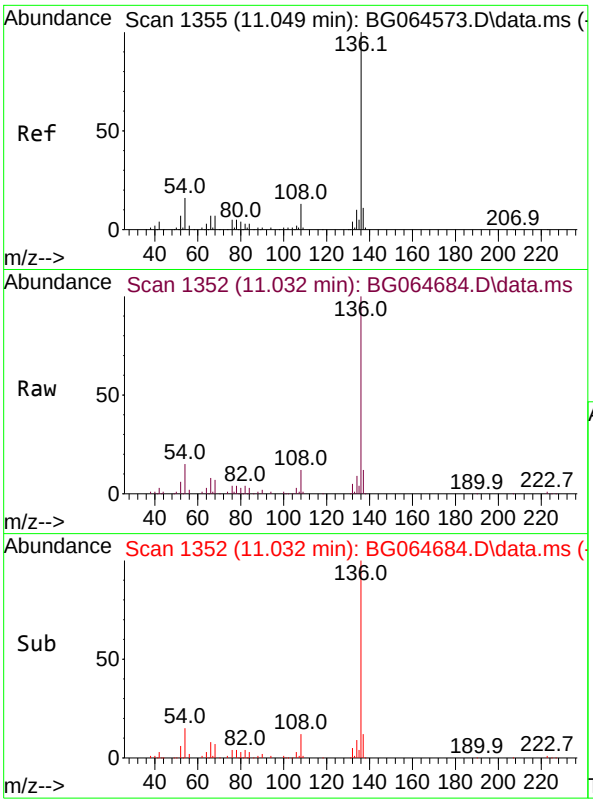


#20
3+4-Methylphenols
Concen: 49.745 ng
RT: 8.970 min Scan# 1001
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:107 Resp: 125725

Ion	Ratio	Lower	Upper
107	100		
108	92.6	70.3	110.3
77	36.1	14.6	54.6
79	31.5	11.7	51.7

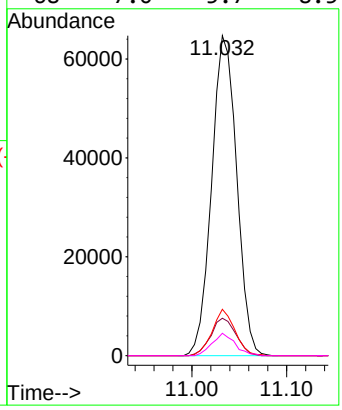




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.032 min Scan# 1
Delta R.T. -0.017 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:136 Resp: 11875

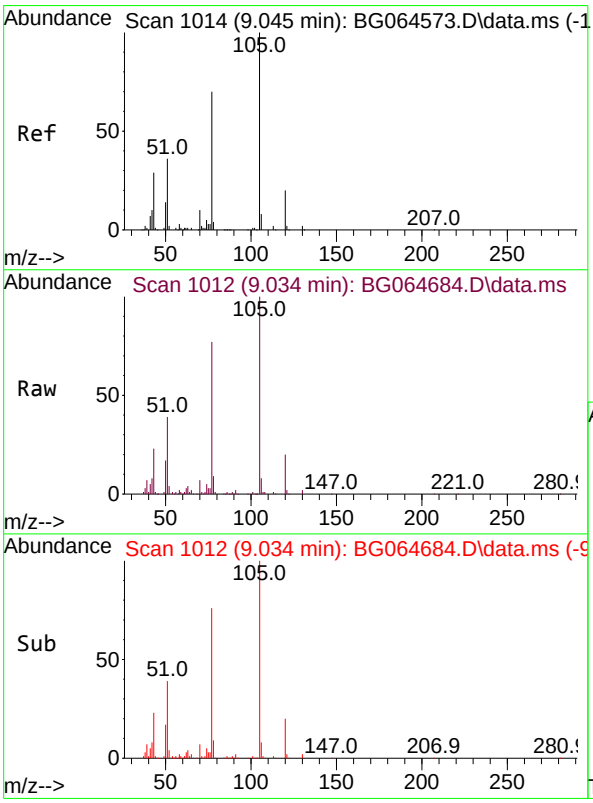
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	14.5	12.6	19.0
68	7.0	5.7	8.5



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations
APPROVED

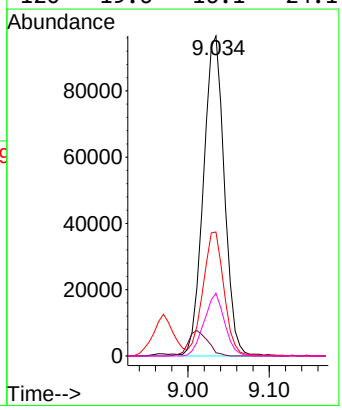
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

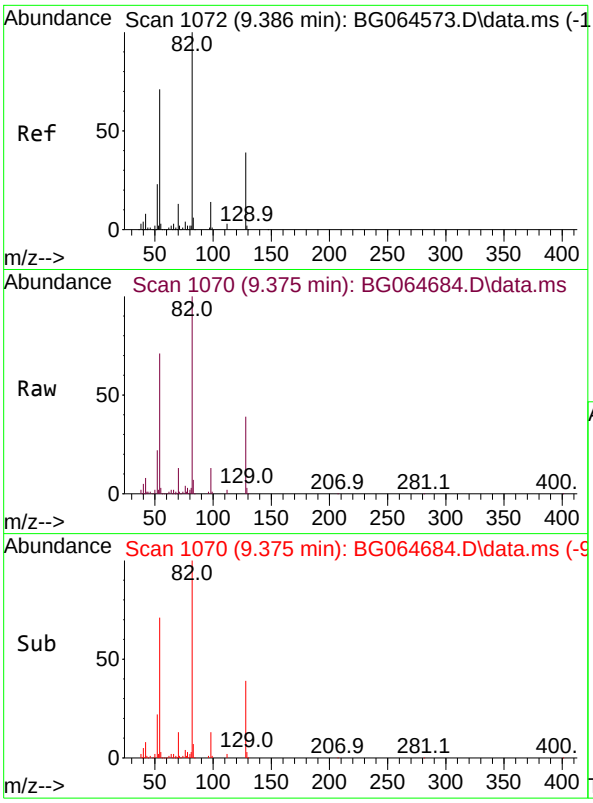


#22
Acetophenone
Concen: 53.272 ng
RT: 9.034 min Scan# 1012
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:105 Resp: 172932

Ion	Ratio	Lower	Upper
105	100		
71	1.0	1.5	2.3#
51	38.7	33.7	50.5
120	19.6	16.1	24.1

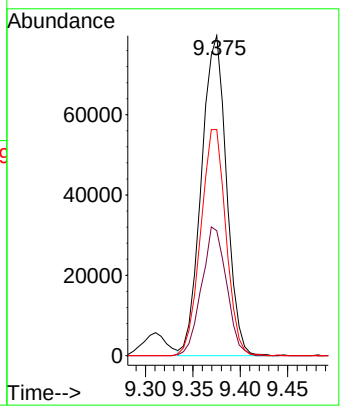




#23
Nitrobenzene-d5
Concen: 74.085 ng
RT: 9.375 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion: 82 Resp: 14647

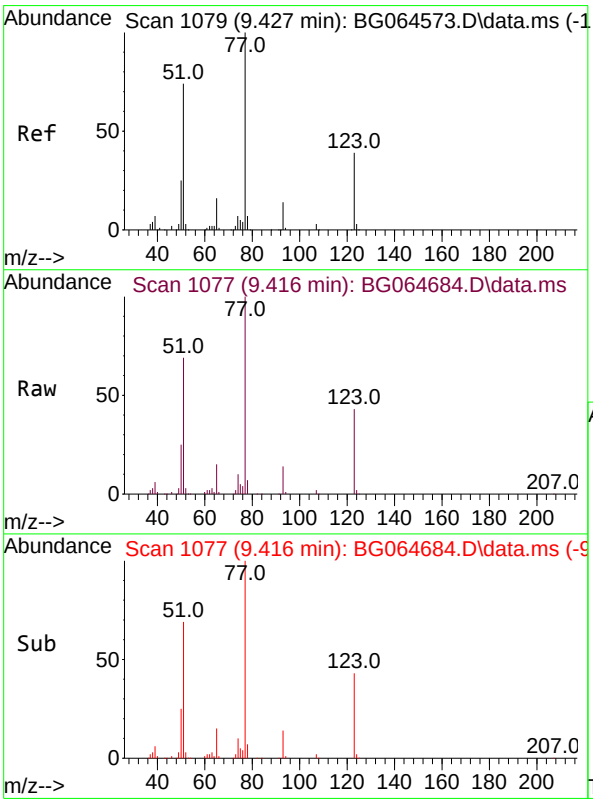
Ion	Ratio	Lower	Upper
82	100		
128	39.0	31.3	46.9
54	70.7	56.6	84.8



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations
APPROVED

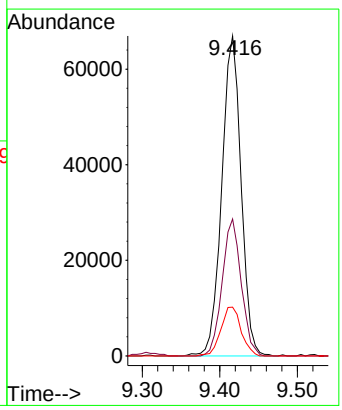
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

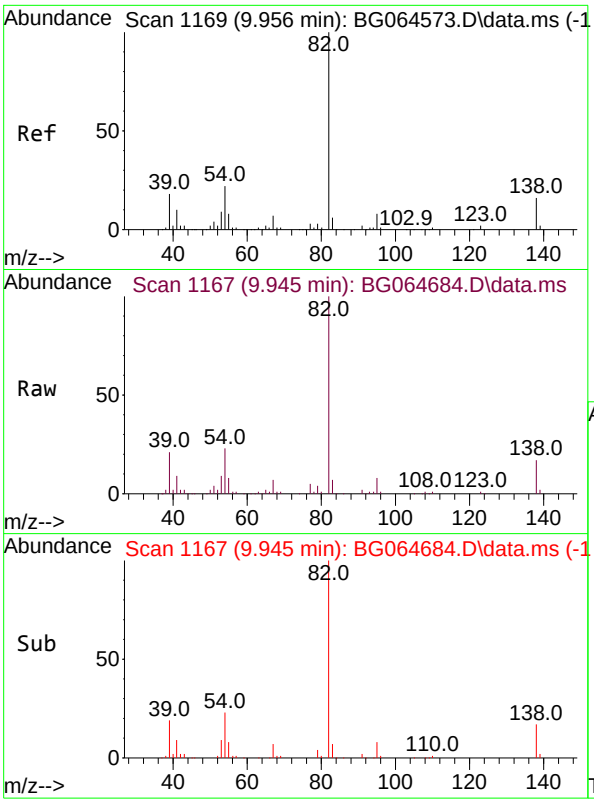


#24
Nitrobenzene
Concen: 53.864 ng
RT: 9.416 min Scan# 1077
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion: 77 Resp: 115831

Ion	Ratio	Lower	Upper
77	100		
123	42.8	31.0	46.6
65	15.2	12.7	19.1

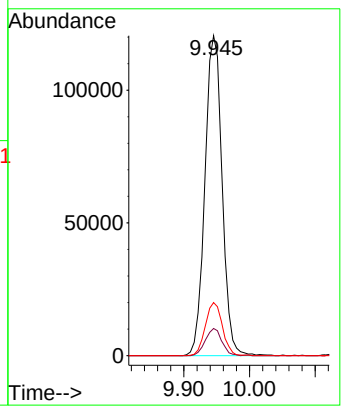




#25
Isophorone
Concen: 46.096 ng
RT: 9.945 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion: 82 Resp: 218689

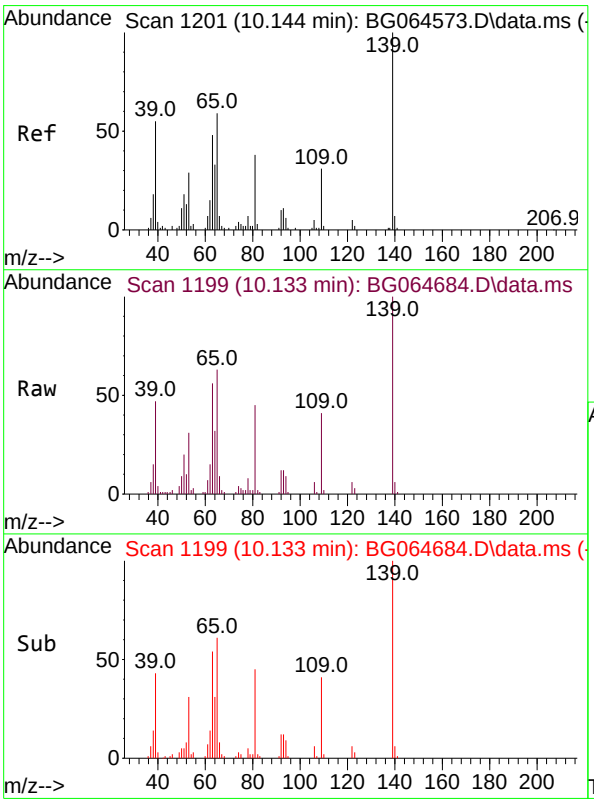
Ion	Ratio	Lower	Upper
82	100		
95	8.5	6.1	9.1
138	16.6	13.0	19.4



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations
APPROVED

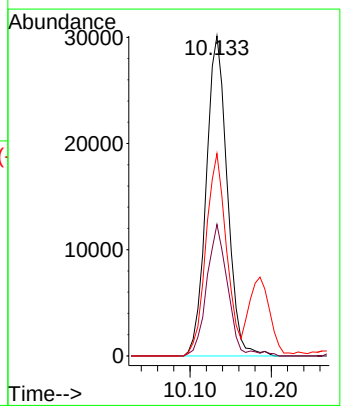
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

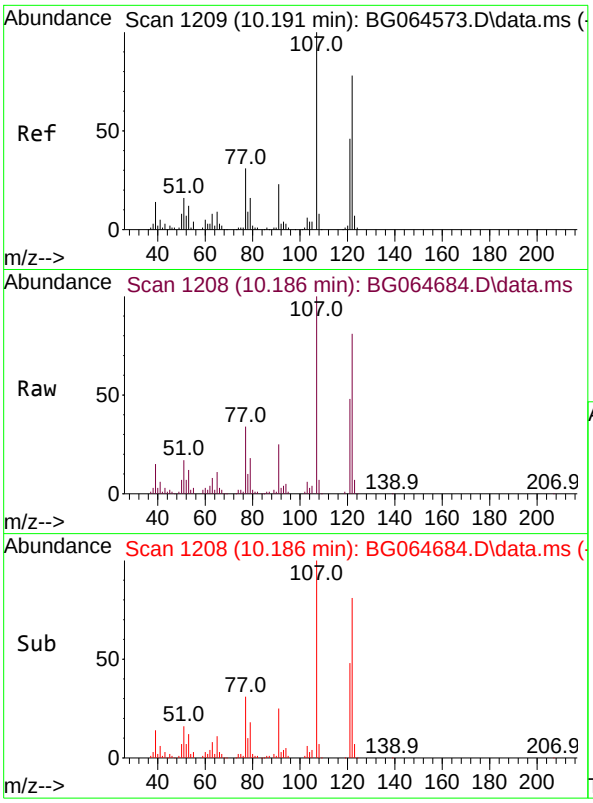


#26
2-Nitrophenol
Concen: 64.182 ng
RT: 10.133 min Scan# 1199
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:139 Resp: 54190

Ion	Ratio	Lower	Upper
139	100		
109	41.1	24.6	37.0#
65	63.2	47.5	71.3

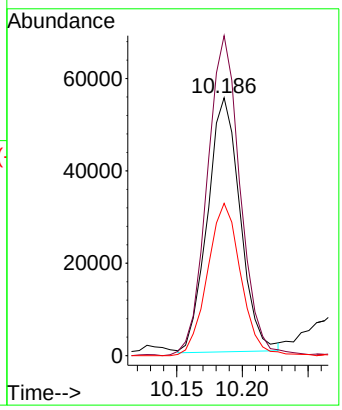




#27
2,4-Dimethylphenol
Concen: 54.028 ng
RT: 10.186 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:122 Resp: 9534

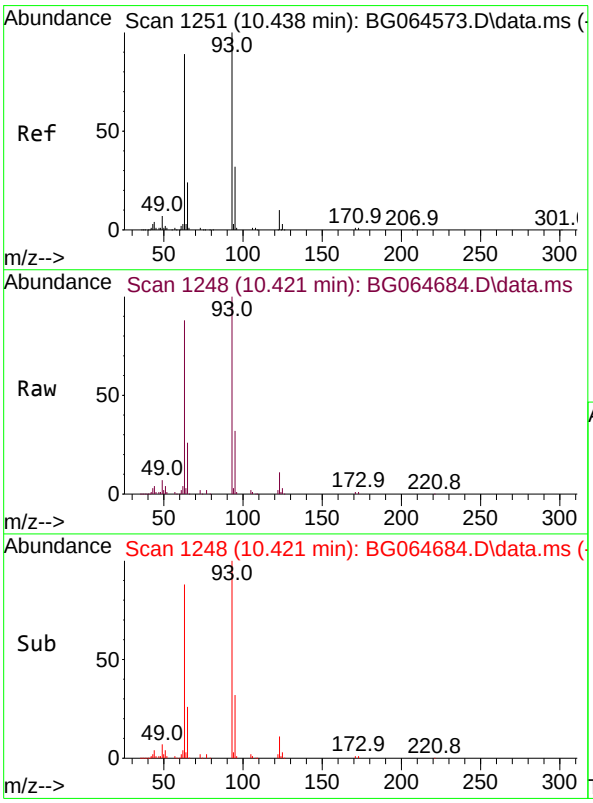
Ion	Ratio	Lower	Upper
122	100		
107	124.1	103.0	154.4
121	59.0	47.8	71.8



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations
APPROVED

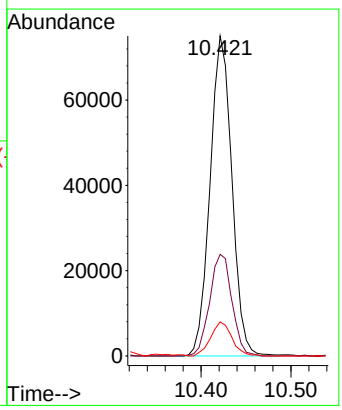
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

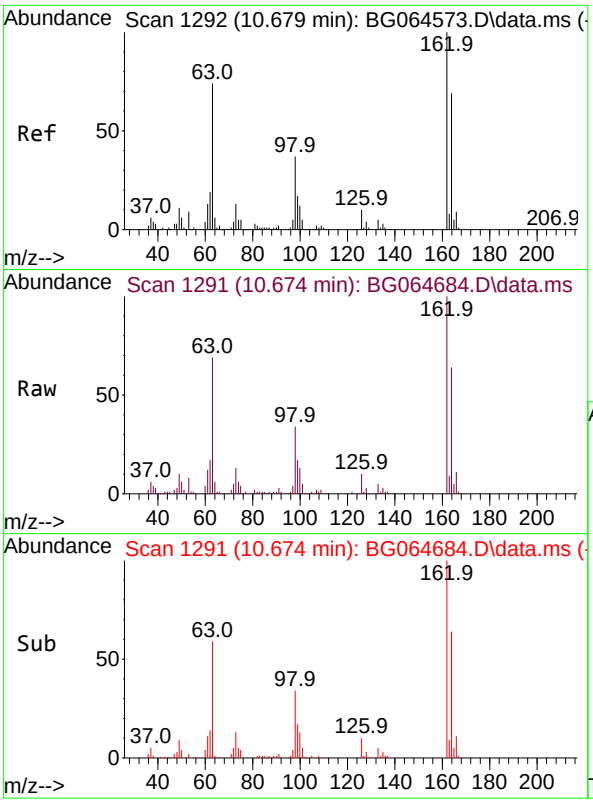


#28
bis(2-Chloroethoxy)methane
Concen: 46.969 ng
RT: 10.421 min Scan# 1248
Delta R.T. -0.017 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion: 93 Resp: 126872

Ion	Ratio	Lower	Upper
93	100		
95	31.7	25.4	38.2
123	10.6	8.4	12.6

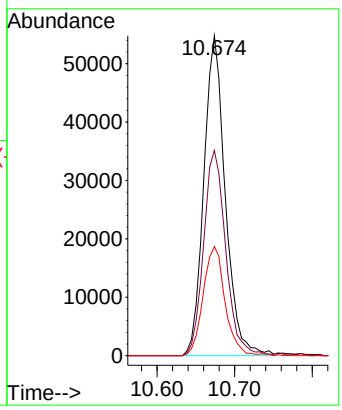




#29
2,4-Dichlorophenol
Concen: 55.529 ng
RT: 10.674 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:162 Resp: 10546

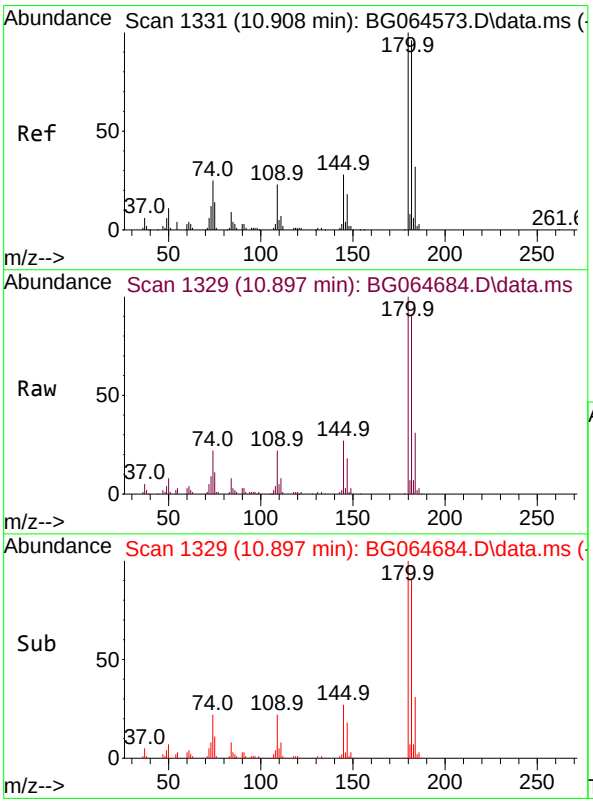
Ion	Ratio	Lower	Upper
162	100		
164	64.1	48.7	88.7
98	34.1	16.9	56.9



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations
APPROVED

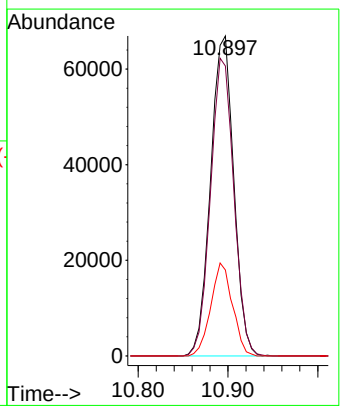
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

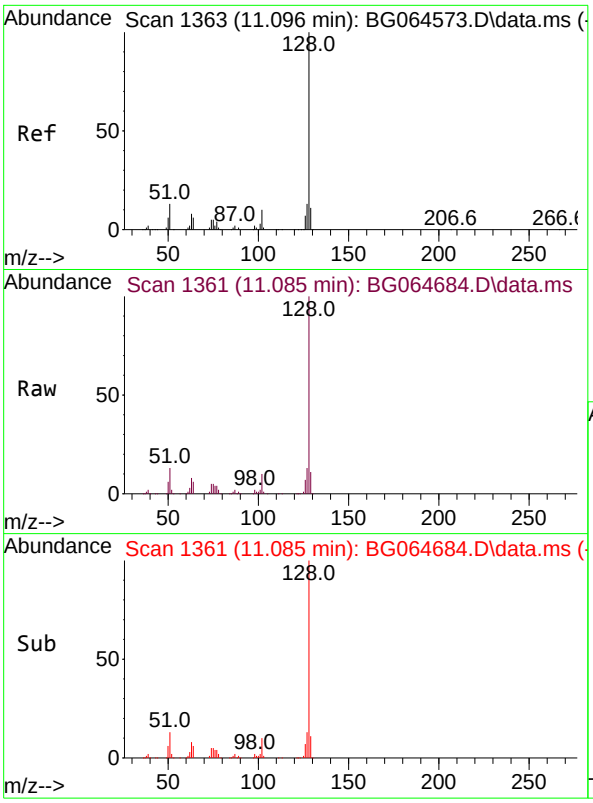


#30
1,2,4-Trichlorobenzene
Concen: 55.764 ng
RT: 10.897 min Scan# 1329
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:180 Resp: 120331

Ion	Ratio	Lower	Upper
180	100		
182	90.6	76.9	115.3
145	26.8	22.1	33.1

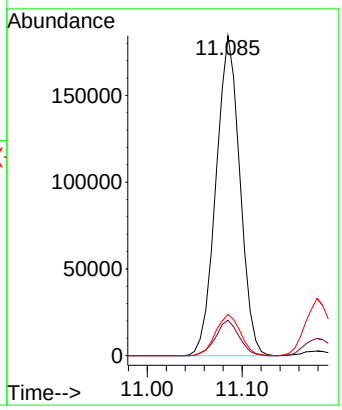




#31
Naphthalene
Concen: 48.977 ng
RT: 11.085 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:128 Resp: 32246

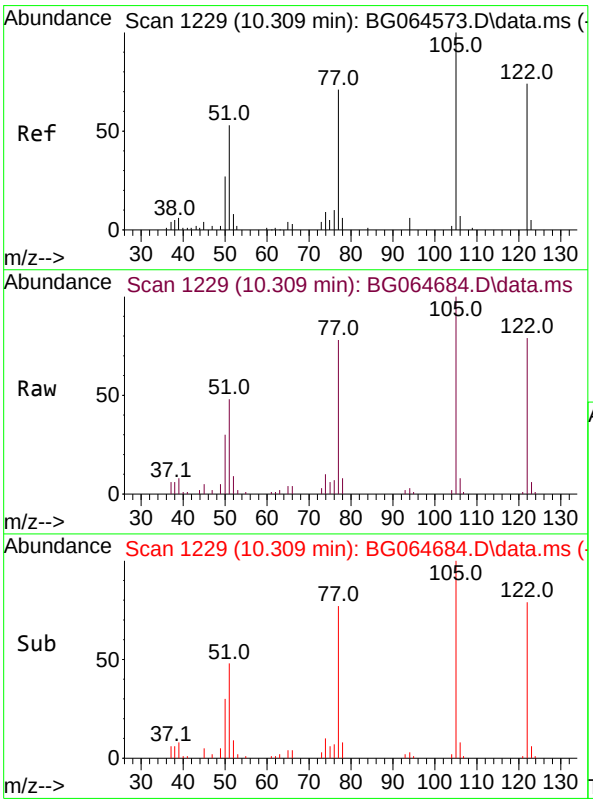
Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	12.9	10.6	15.8



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations
APPROVED

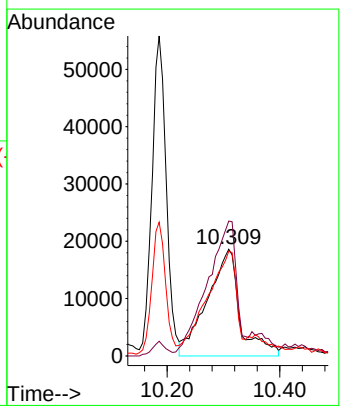
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

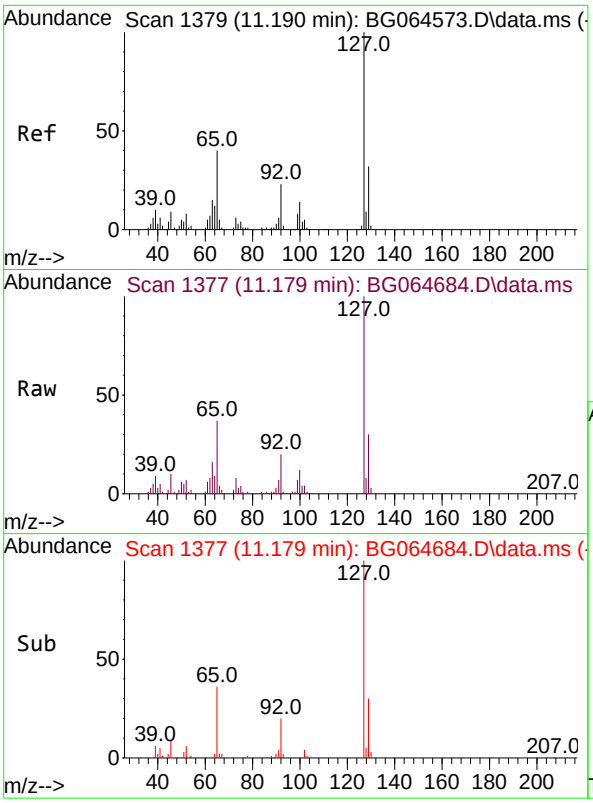


#32
Benzoic acid
Concen: 54.449 ng m
RT: 10.309 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:122 Resp: 74800

Ion	Ratio	Lower	Upper
122	100		
105	126.4	104.2	144.2
77	98.1	70.2	110.2

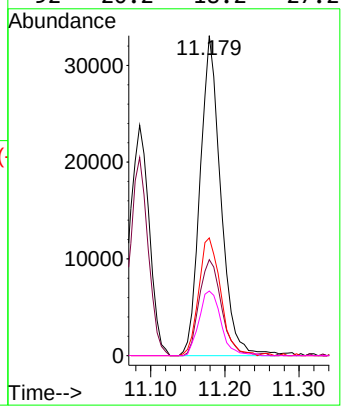




#33
4-Chloroaniline
Concen: 25.031 ng
RT: 11.179 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:127 Resp: 6405

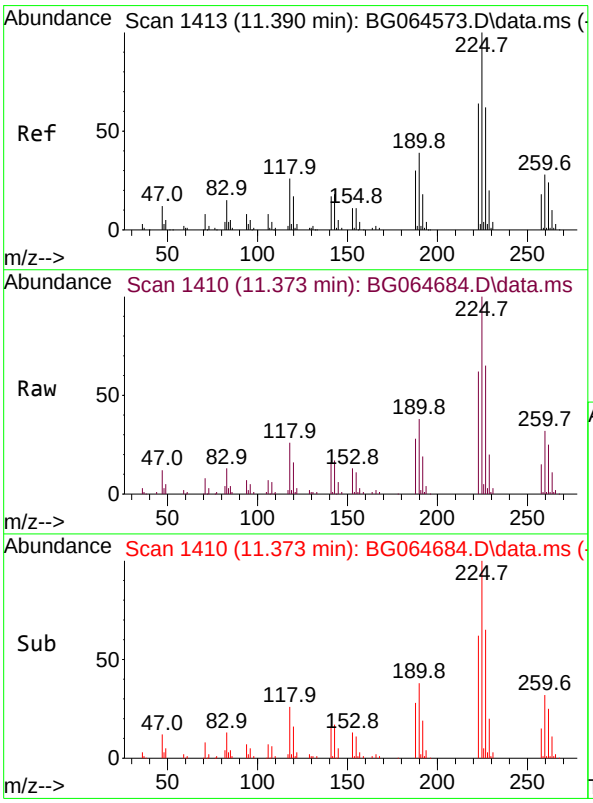
Ion	Ratio	Lower	Upper
127	100		
129	30.0	25.5	38.3
65	36.8	32.2	48.4
92	20.2	18.2	27.2



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations
APPROVED

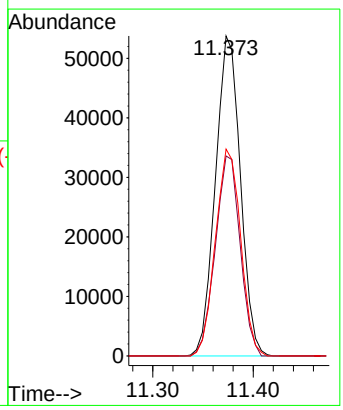
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

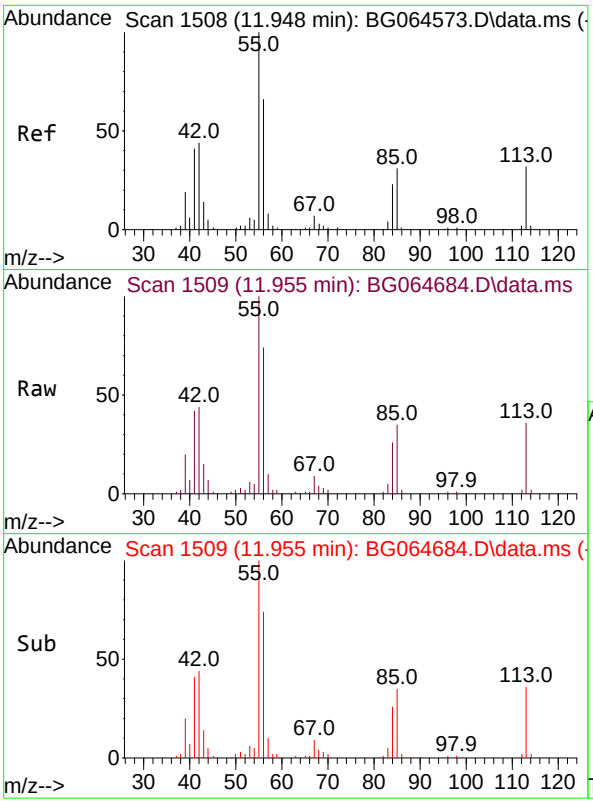


#34
Hexachlorobutadiene
Concen: 55.106 ng
RT: 11.373 min Scan# 1410
Delta R.T. -0.017 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:225 Resp: 92994

Ion	Ratio	Lower	Upper
225	100		
223	59.4	48.8	73.2
227	61.4	49.5	74.3

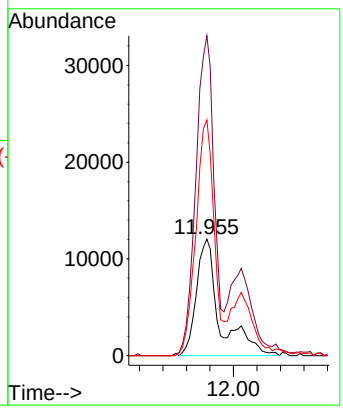




#35
Caprolactam
Concen: 45.669 ng m
RT: 11.955 min Scan# 1
Delta R.T. 0.007 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:113 Resp: 3326

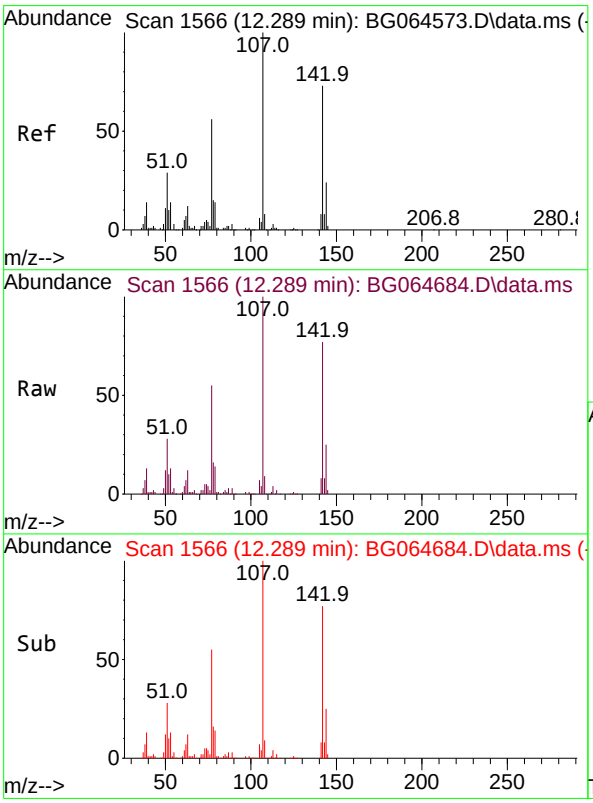
Ion	Ratio	Lower	Upper
113	100		
55	274.4	290.1	330.1
56	202.1	183.8	223.8



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations
APPROVED

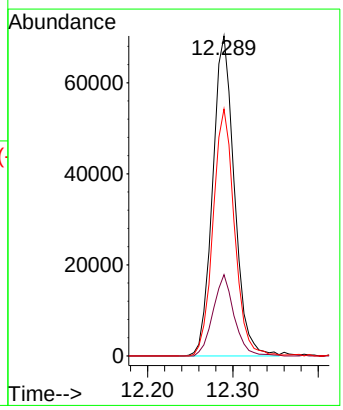
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

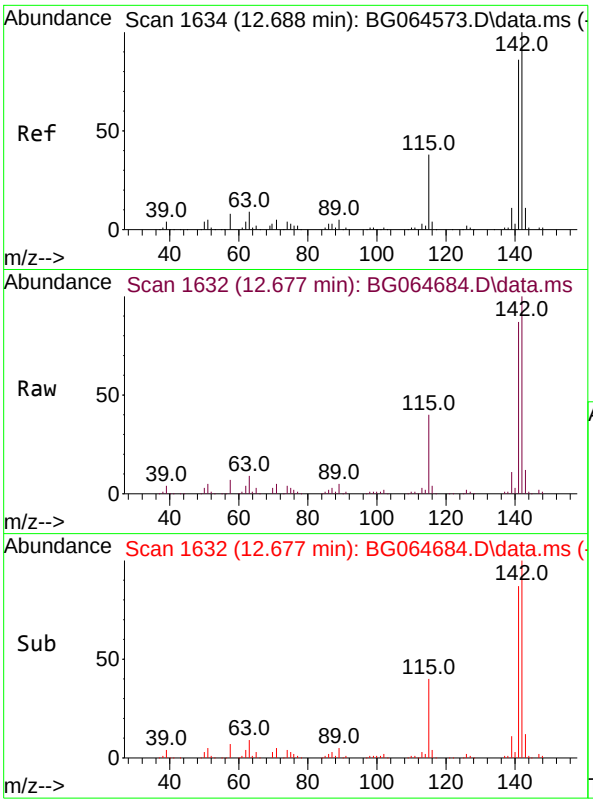


#36
4-Chloro-3-methylphenol
Concen: 54.345 ng
RT: 12.289 min Scan# 1566
Delta R.T. 0.001 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:107 Resp: 124062

Ion	Ratio	Lower	Upper
107	100		
144	25.4	19.1	28.7
142	77.1	58.6	87.8

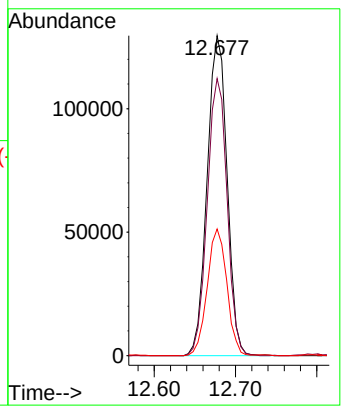




#37
2-Methylnaphthalene
Concen: 45.702 ng
RT: 12.677 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:142 Resp: 220918

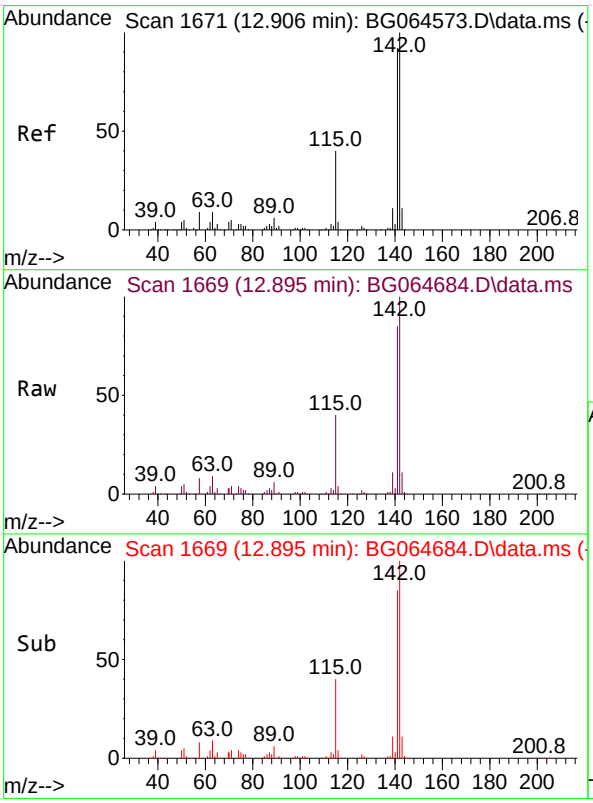
Ion	Ratio	Lower	Upper
142	100		
141	86.6	68.9	103.3
115	39.6	30.6	46.0



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations
APPROVED

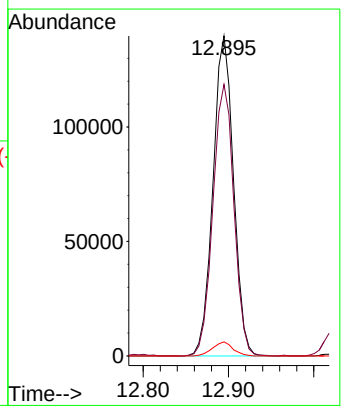
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

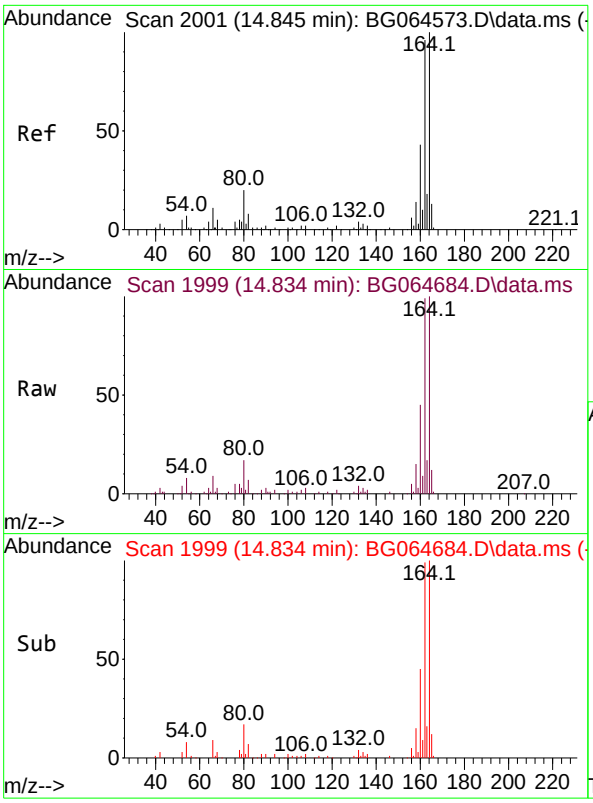


#38
1-Methylnaphthalene
Concen: 48.676 ng
RT: 12.895 min Scan# 1669
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:142 Resp: 232934

Ion	Ratio	Lower	Upper
142	100		
141	84.8	73.3	109.9
116	4.4	3.1	4.7

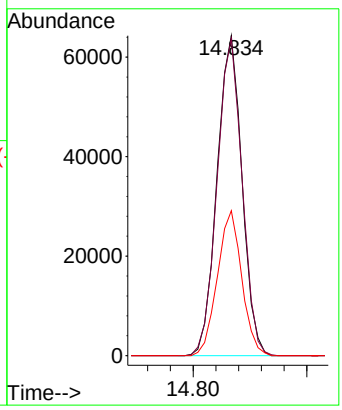




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.834 min Scan# 19
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:164 Resp: 9763

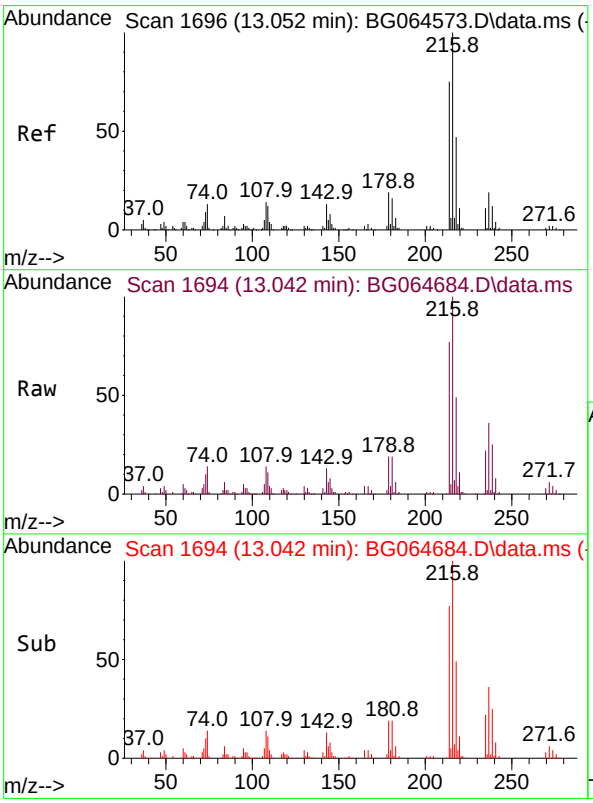
Ion	Ratio	Lower	Upper
164	100		
162	99.2	77.0	115.6
160	45.3	34.4	51.6



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations
APPROVED

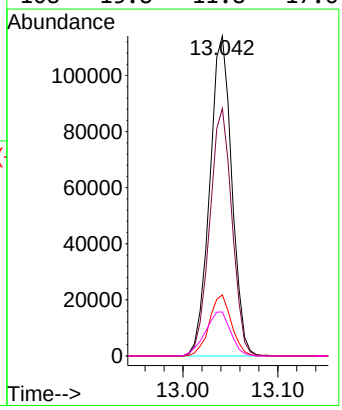
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

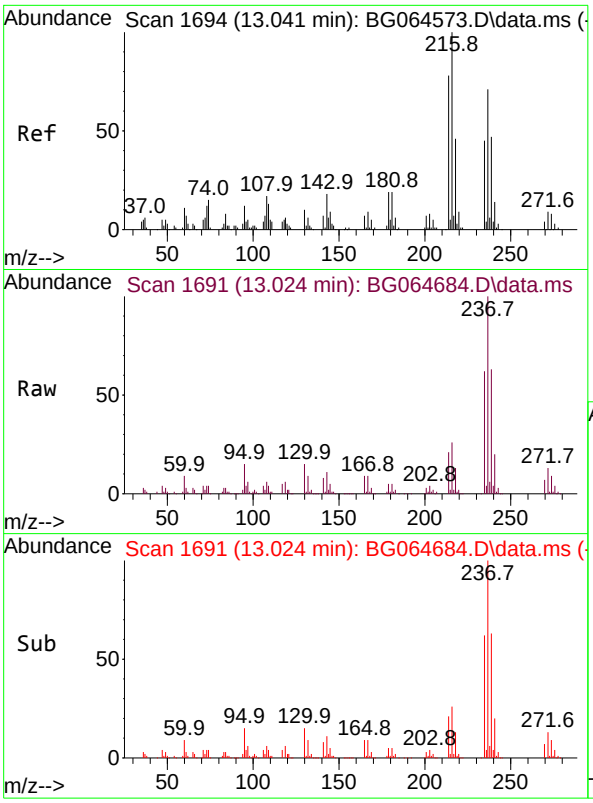


#40
1,2,4,5-Tetrachlorobenzene
Concen: 56.395 ng
RT: 13.042 min Scan# 1694
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:216 Resp: 184783

Ion	Ratio	Lower	Upper
216	100		
214	77.6	61.4	92.2
179	19.1	15.4	23.0
108	15.8	11.8	17.6

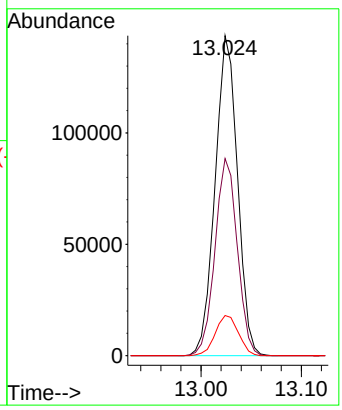




#41
Hexachlorocyclopentadiene
Concen: 151.043 ng
RT: 13.024 min Scan# 1
Delta R.T. -0.017 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:237 Resp: 22275

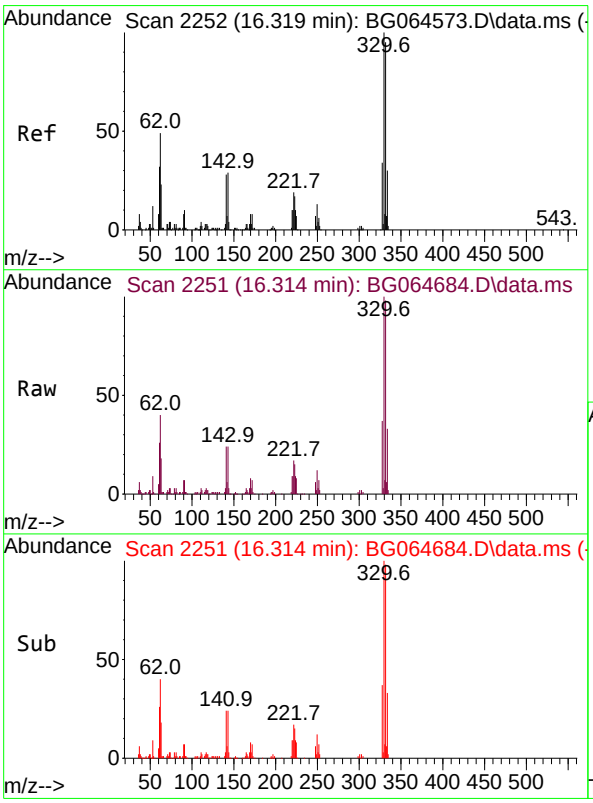
Ion	Ratio	Lower	Upper
237	100		
235	61.6	44.1	84.1
272	12.5	0.0	32.4



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations
APPROVED

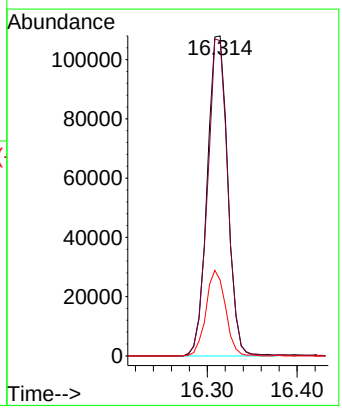
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

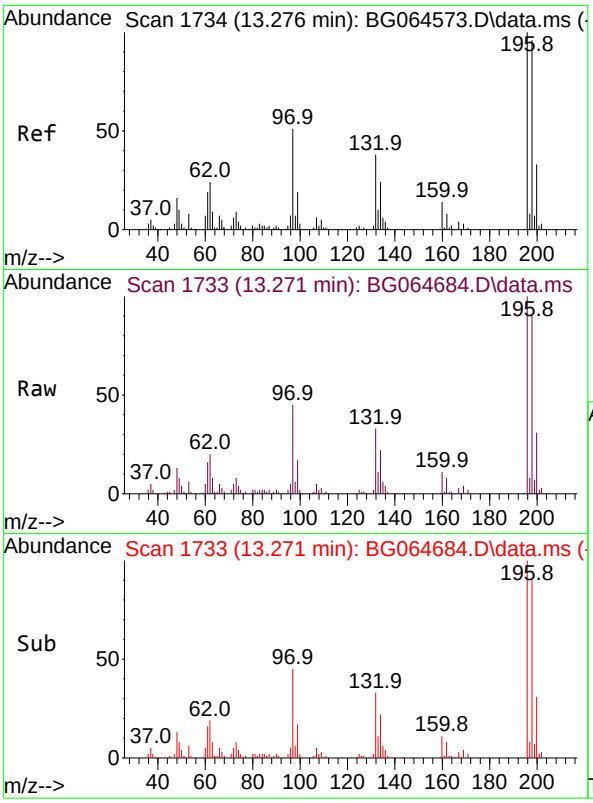


#42
2,4,6-Tribromophenol
Concen: 121.427 ng
RT: 16.314 min Scan# 2251
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:330 Resp: 171104

Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.0	117.0
141	25.4	21.8	32.6

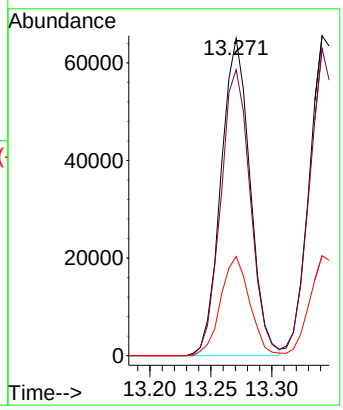




#43
2,4,6-Trichlorophenol
Concen: 57.487 ng
RT: 13.271 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:196 Resp: 10774

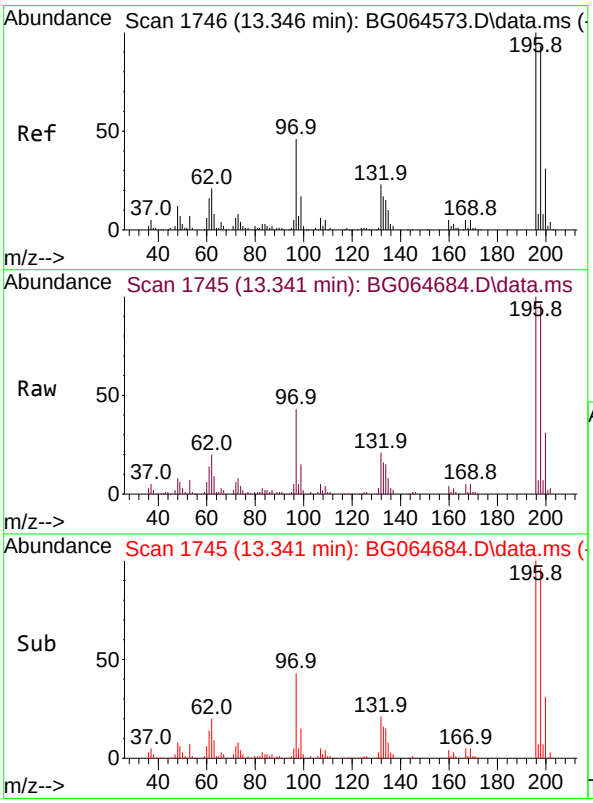
Ion	Ratio	Lower	Upper
196	100		
198	90.1	76.6	115.0
200	31.2	26.0	39.0



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations
APPROVED

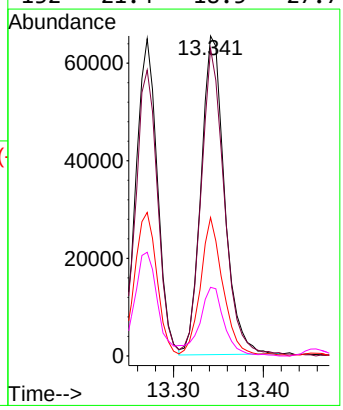
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

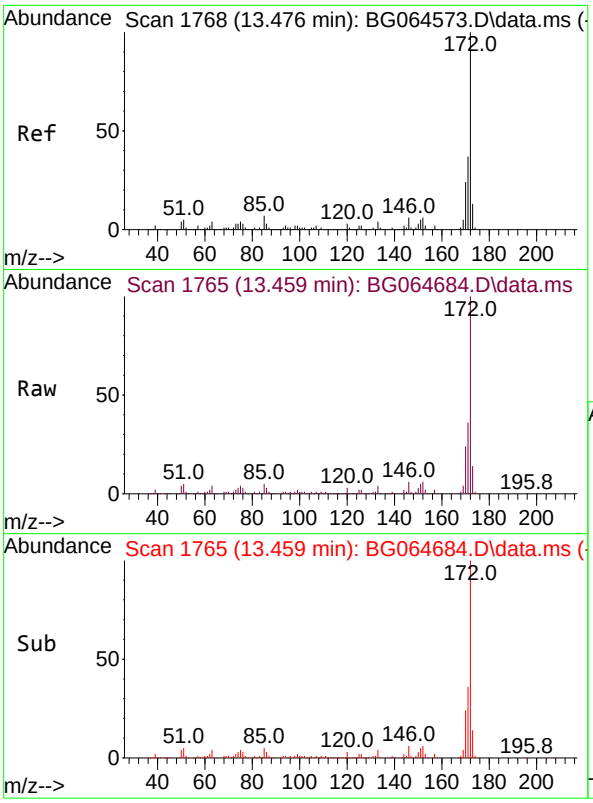


#44
2,4,5-Trichlorophenol
Concen: 54.886 ng
RT: 13.341 min Scan# 1745
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:196 Resp: 118709

Ion	Ratio	Lower	Upper
196	100		
198	96.0	74.2	111.4
97	43.2	37.0	55.6
132	21.4	18.5	27.7

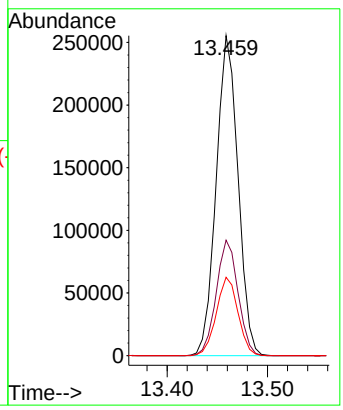




#45
2-Fluorobiphenyl
Concen: 59.988 ng
RT: 13.459 min Scan# 1
Delta R.T. -0.017 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:172 Resp: 38638

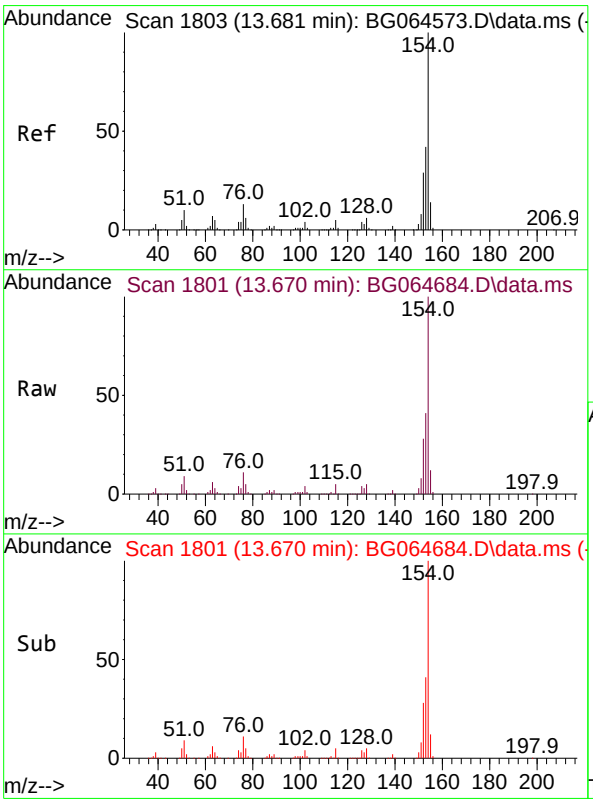
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.5	19.1	28.7



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations
APPROVED

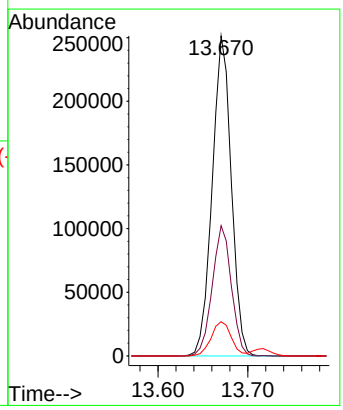
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

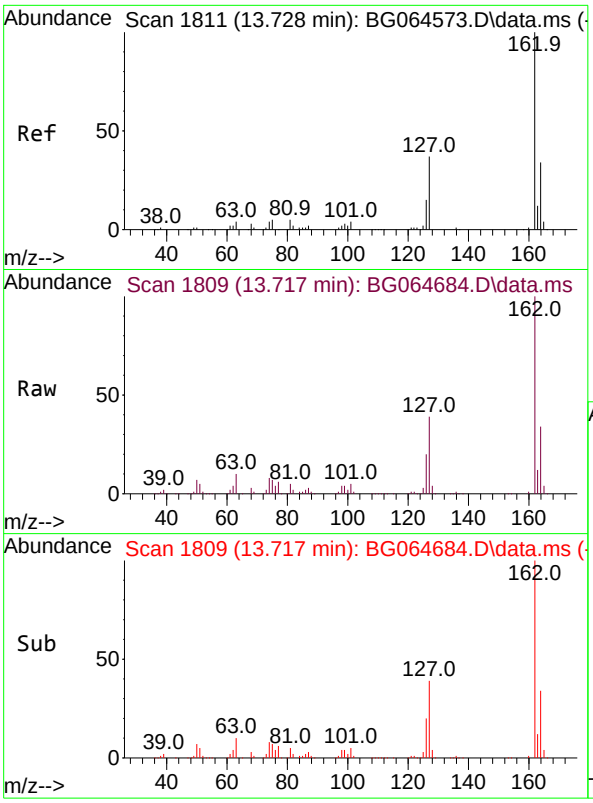


#46
1,1'-Biphenyl
Concen: 53.618 ng
RT: 13.670 min Scan# 1801
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:154 Resp: 372154

Ion	Ratio	Lower	Upper
154	100		
153	40.7	22.4	62.4
76	10.7	0.0	33.5

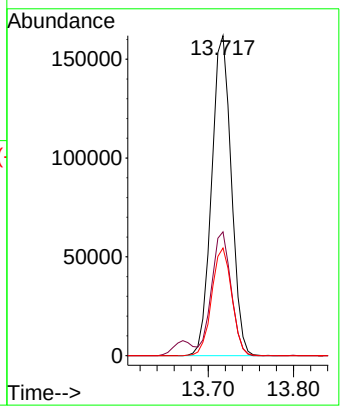




#47
2-Chloronaphthalene
Concen: 49.483 ng
RT: 13.717 min Scan# 18
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:162 Resp: 259250

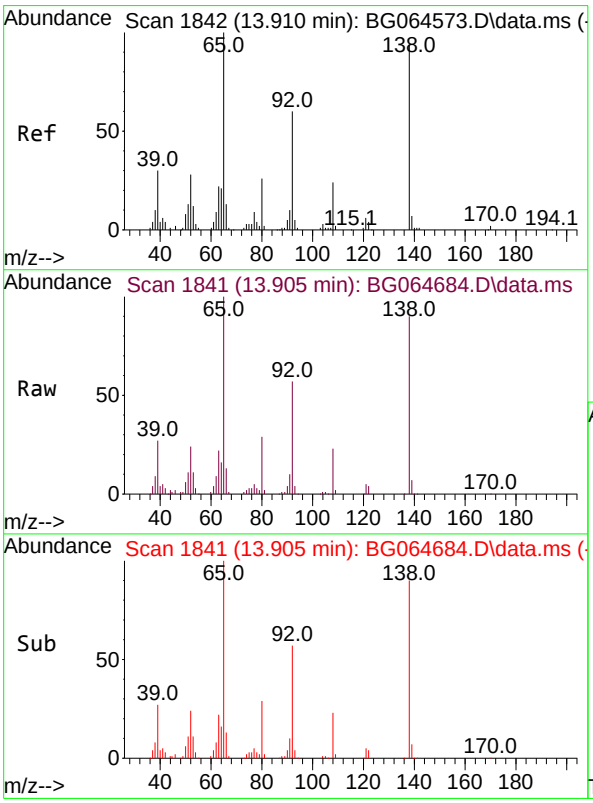
Ion	Ratio	Lower	Upper
162	100		
127	38.7	32.2	48.2
164	33.6	27.5	41.3



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations
APPROVED

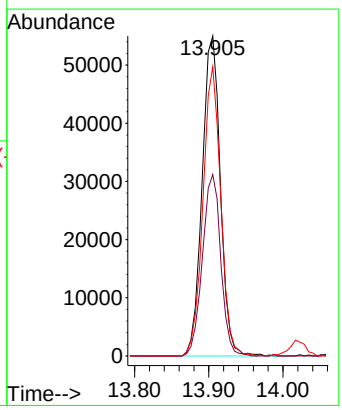
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

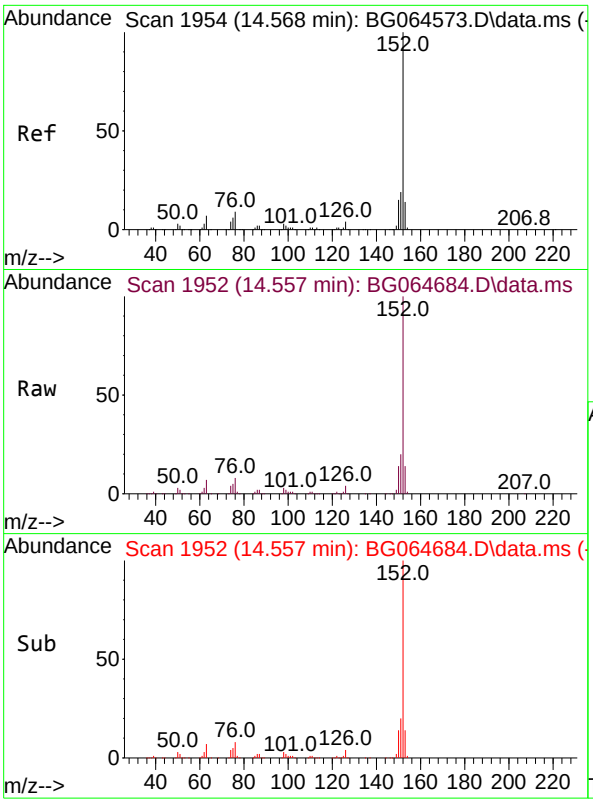


#48
2-Nitroaniline
Concen: 52.834 ng
RT: 13.905 min Scan# 1841
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion: 65 Resp: 93538

Ion	Ratio	Lower	Upper
65	100		
92	56.7	48.3	72.5
138	90.3	74.9	112.3

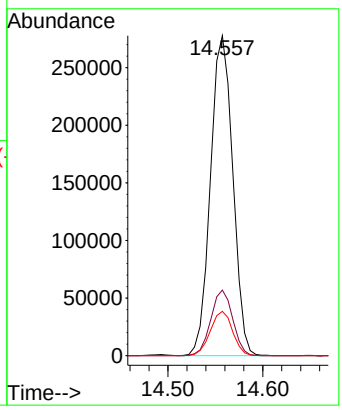




#49
Acenaphthylene
Concen: 55.015 ng
RT: 14.557 min Scan# 19
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:152 Resp: 45463

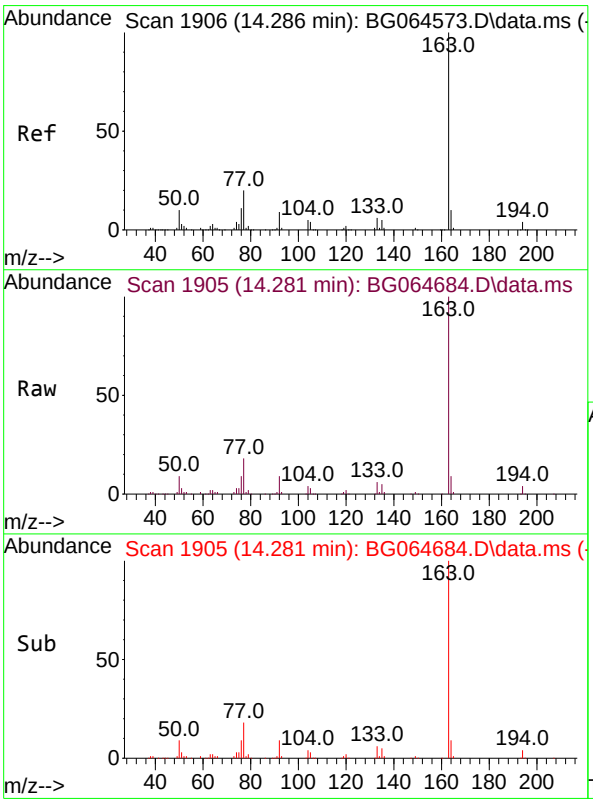
Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.4	23.2
153	13.8	11.0	16.4



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations
APPROVED

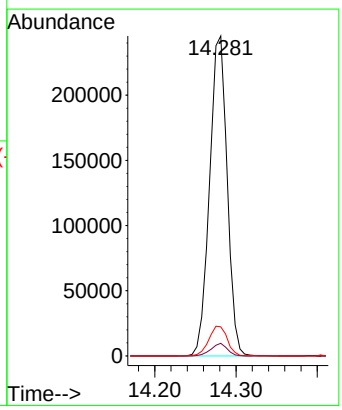
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

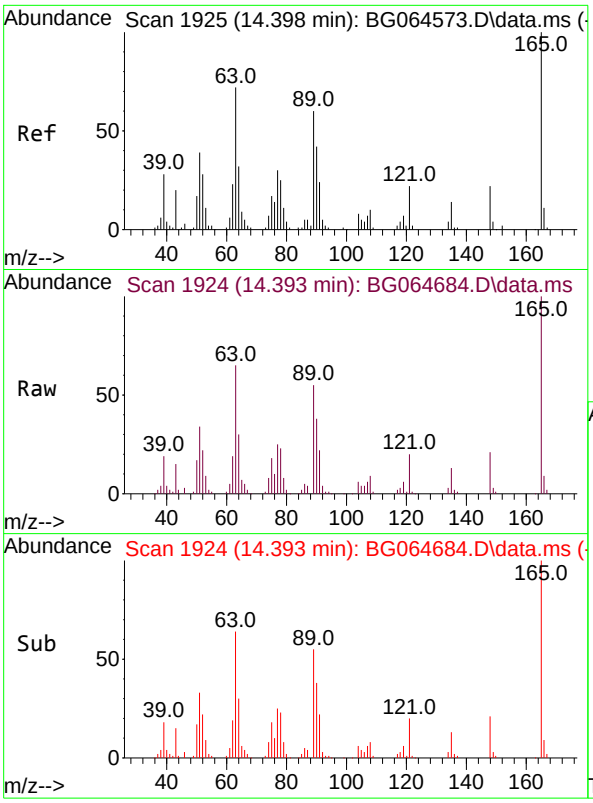


#50
Dimethylphthalate
Concen: 49.408 ng
RT: 14.281 min Scan# 1905
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:163 Resp: 369114

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.8	4.2
164	9.1	7.7	11.5

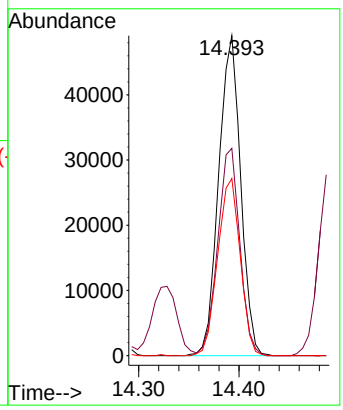




#51
2,6-Dinitrotoluene
Concen: 59.836 ng
RT: 14.393 min Scan# 19
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:165 Resp: 74798

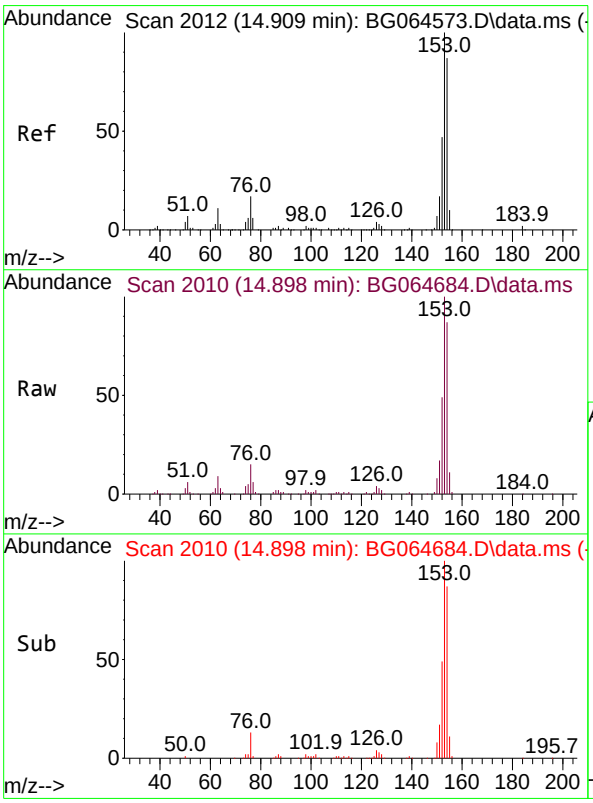
Ion	Ratio	Lower	Upper
165	100		
63	64.8	57.4	86.0
89	55.3	47.8	71.8



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations
APPROVED

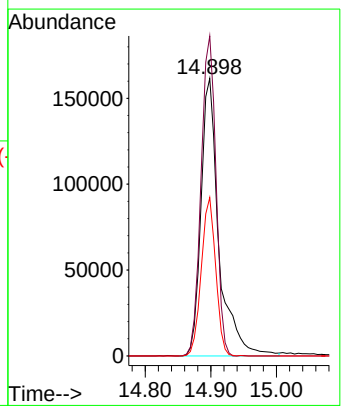
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

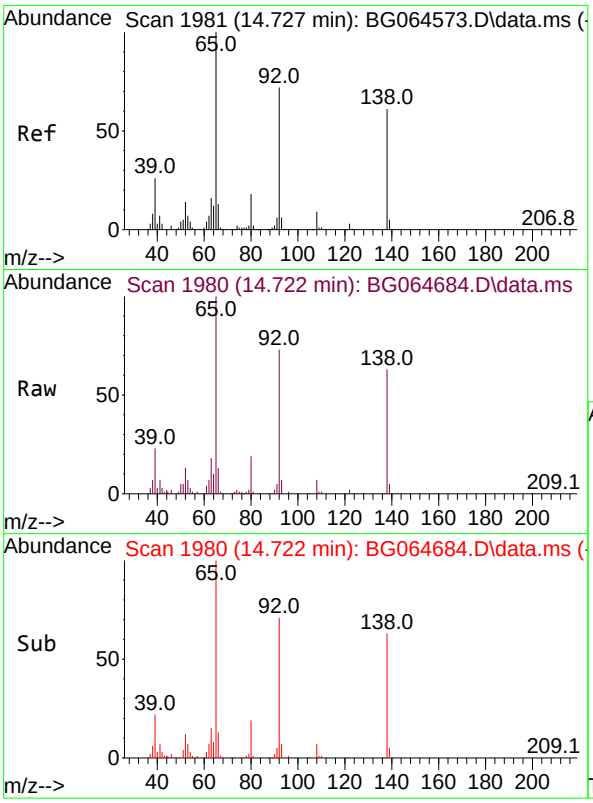


#52
Acenaphthene
Concen: 54.056 ng
RT: 14.898 min Scan# 2010
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:154 Resp: 305203

Ion	Ratio	Lower	Upper
154	100		
153	115.4	92.2	138.4
152	57.1	43.2	64.8

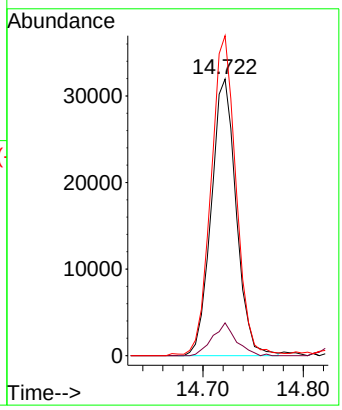




#53
3-Nitroaniline
Concen: 42.968 ng
RT: 14.722 min Scan# 19
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:138 Resp: 5516

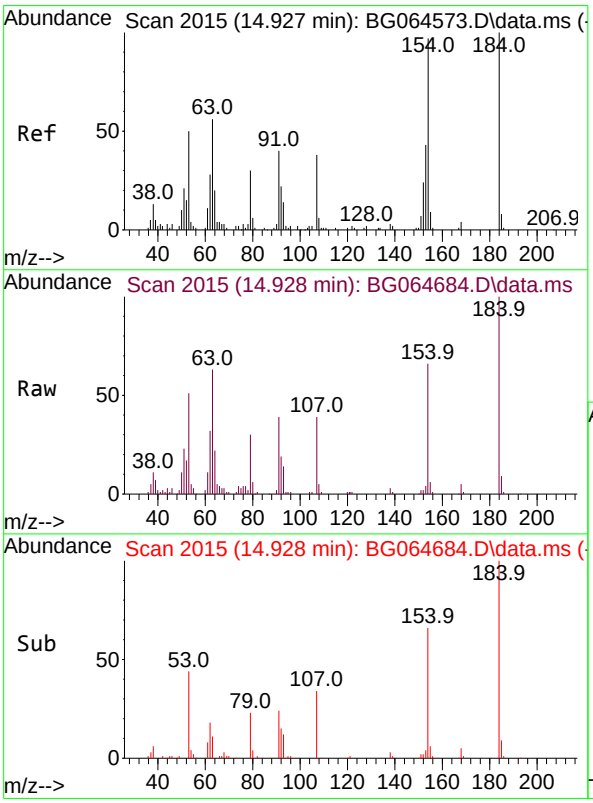
Ion	Ratio	Lower	Upper
138	100		
108	11.9	11.4	17.0
92	115.7	95.3	142.9



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations
APPROVED

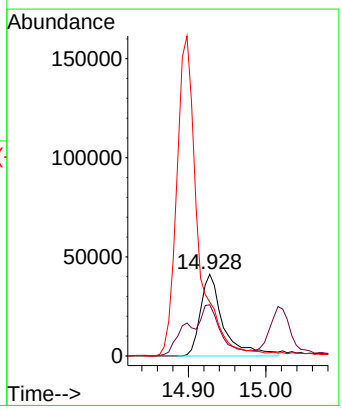
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

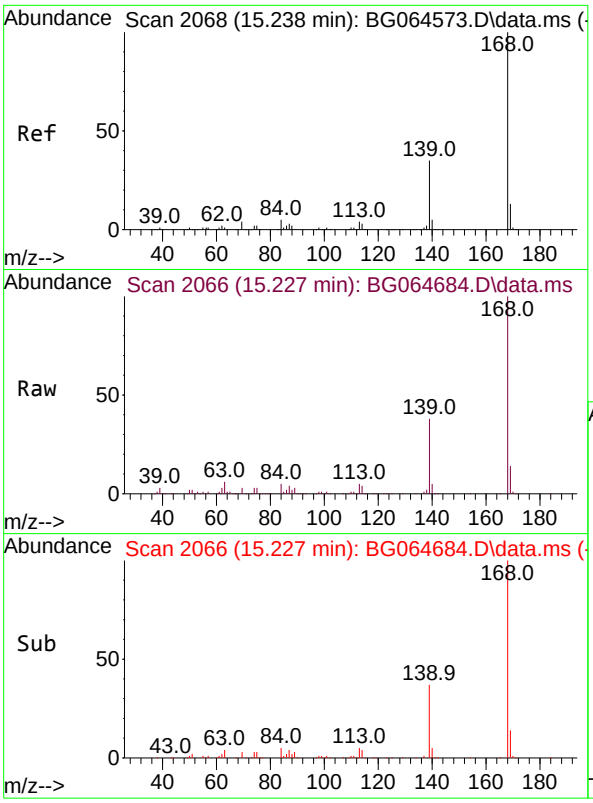


#54
2,4-Dinitrophenol
Concen: 108.975 ng
RT: 14.928 min Scan# 2015
Delta R.T. 0.001 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:184 Resp: 84070

Ion	Ratio	Lower	Upper
184	100		
63	62.6	56.6	85.0
154	66.0	158.6	238.0#

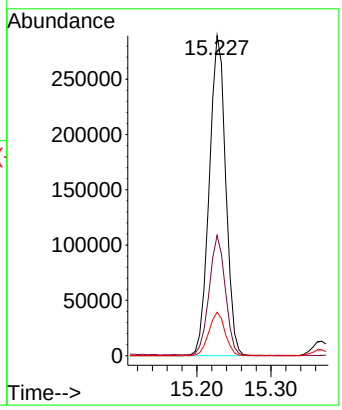




#55
Dibenzofuran
Concen: 48.709 ng
RT: 15.227 min Scan# 2
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:168 Resp: 44461

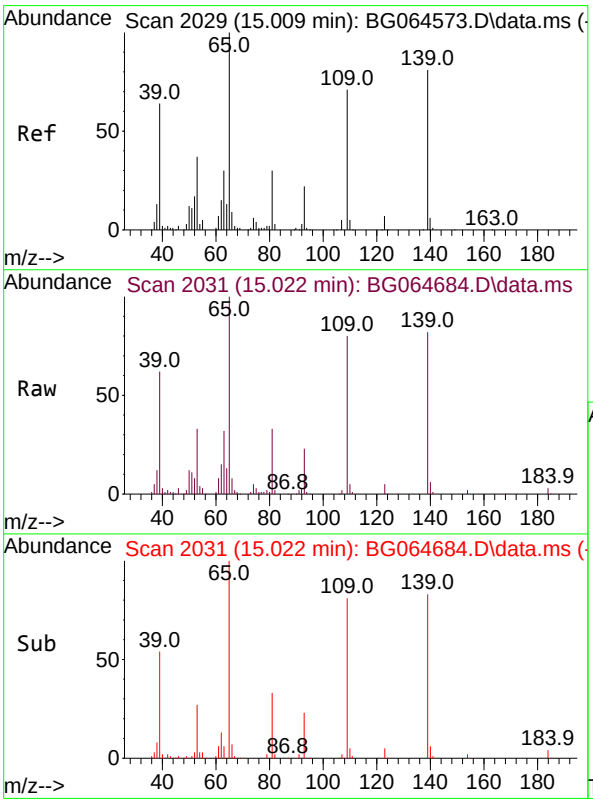
Ion	Ratio	Lower	Upper
168	100		
139	37.6	27.8	41.8
169	13.5	10.3	15.5



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations
APPROVED

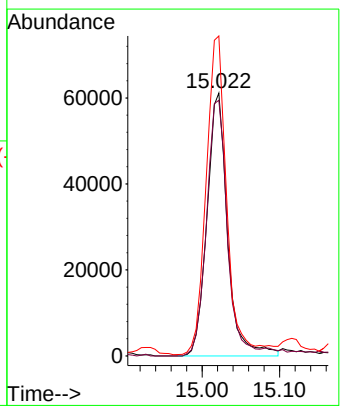
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

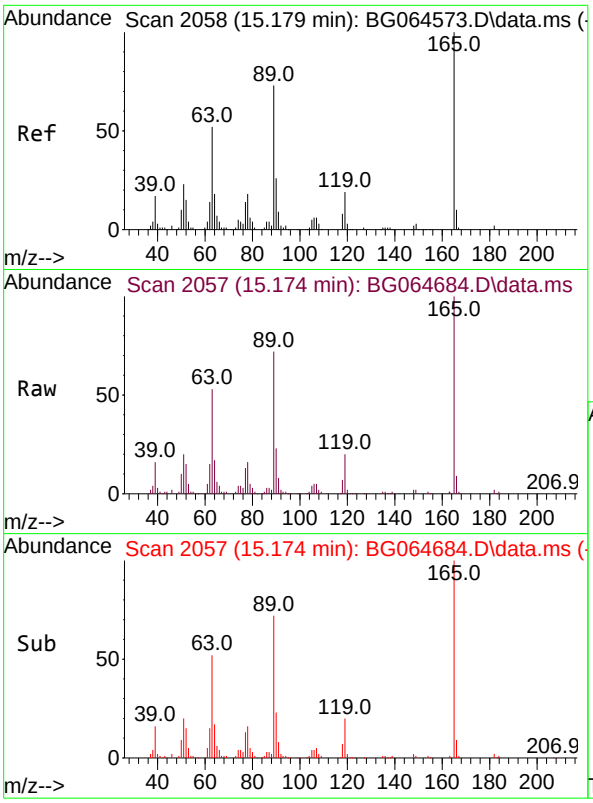


#56
4-Nitrophenol
Concen: 94.733 ng
RT: 15.022 min Scan# 2031
Delta R.T. 0.013 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:139 Resp: 112764

Ion	Ratio	Lower	Upper
139	100		
109	97.3	67.8	107.8
65	121.7	103.7	143.7

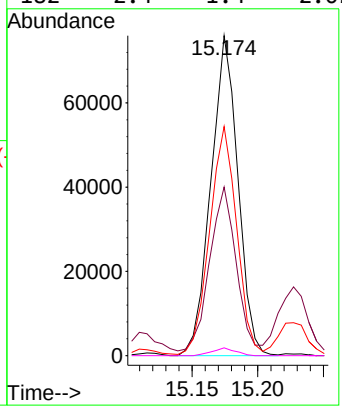




#57
2,4-Dinitrotoluene
Concen: 56.513 ng
RT: 15.174 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:165 Resp: 10880

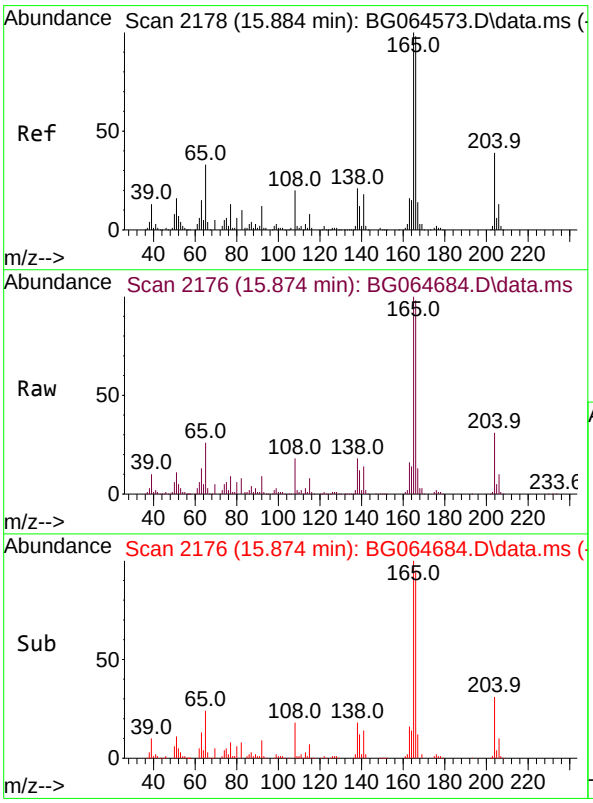
Ion	Ratio	Lower	Upper
165	100		
63	52.7	41.8	62.8
89	71.6	58.1	87.1
182	2.4	1.4	2.0#



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations
APPROVED

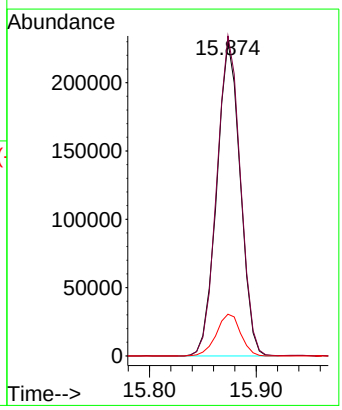
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

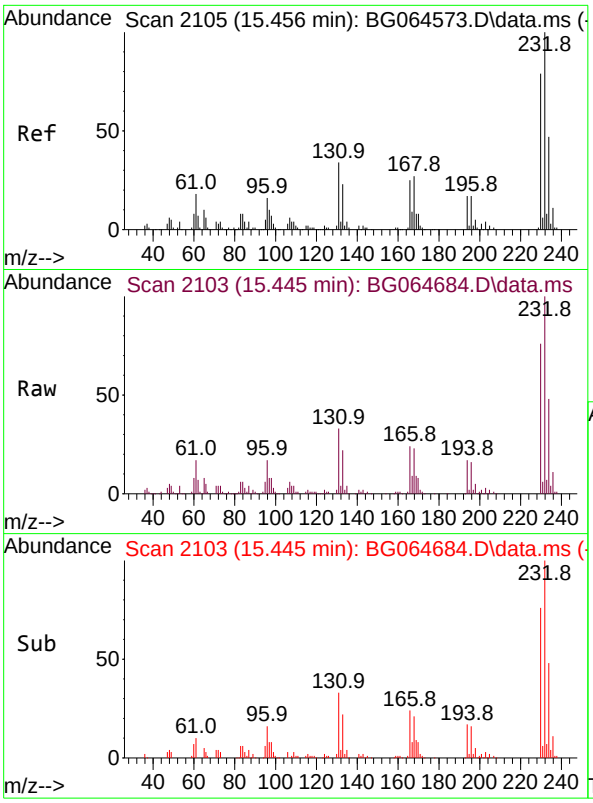


#58
Fluorene
Concen: 49.345 ng
RT: 15.874 min Scan# 2176
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:166 Resp: 351759

Ion	Ratio	Lower	Upper
166	100		
165	101.7	81.5	122.3
167	13.3	11.4	17.0

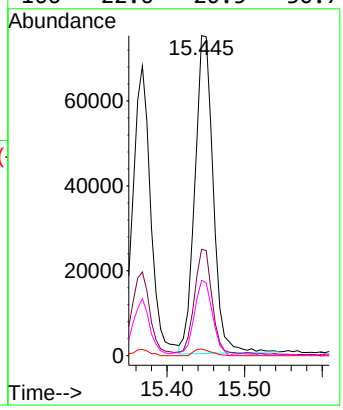




#59
2,3,4,6-Tetrachlorophenol
Concen: 59.500 ng
RT: 15.445 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:232 Resp: 12305

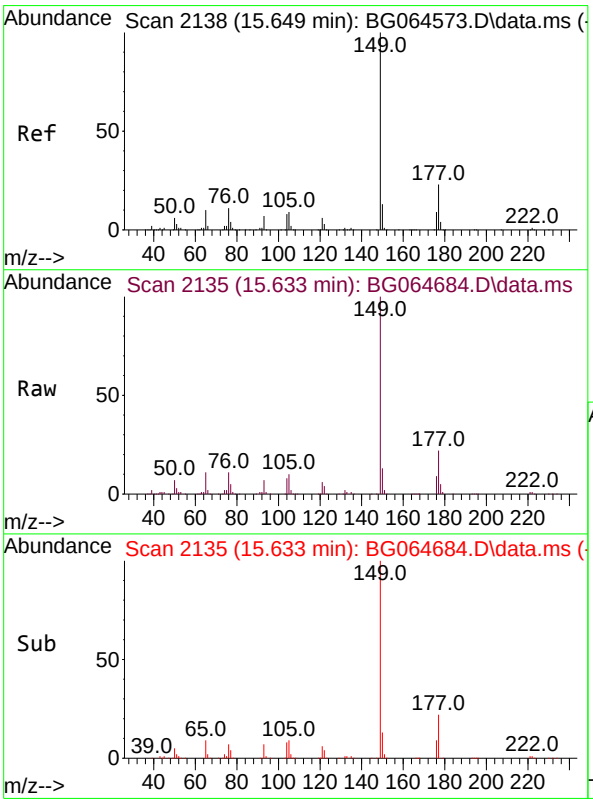
Ion	Ratio	Lower	Upper
232	100		
131	31.4	26.7	40.1
130	2.0	1.6	2.4
166	22.6	20.5	30.7



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations
APPROVED

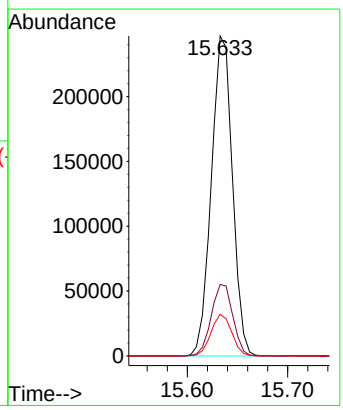
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

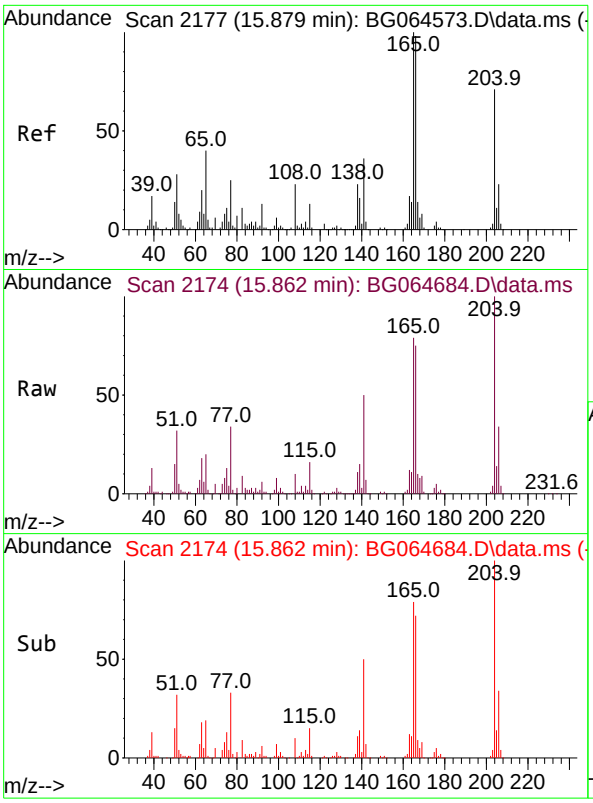


#60
Diethylphthalate
Concen: 47.297 ng
RT: 15.633 min Scan# 2135
Delta R.T. -0.017 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:149 Resp: 360779

Ion	Ratio	Lower	Upper
149	100		
177	22.3	18.0	27.0
150	13.0	10.2	15.4

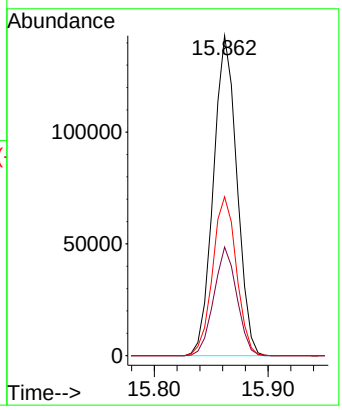




#61
4-Chlorophenyl-phenylether
Concen: 51.379 ng
RT: 15.862 min Scan# 21
Delta R.T. -0.017 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:204 Resp: 20554

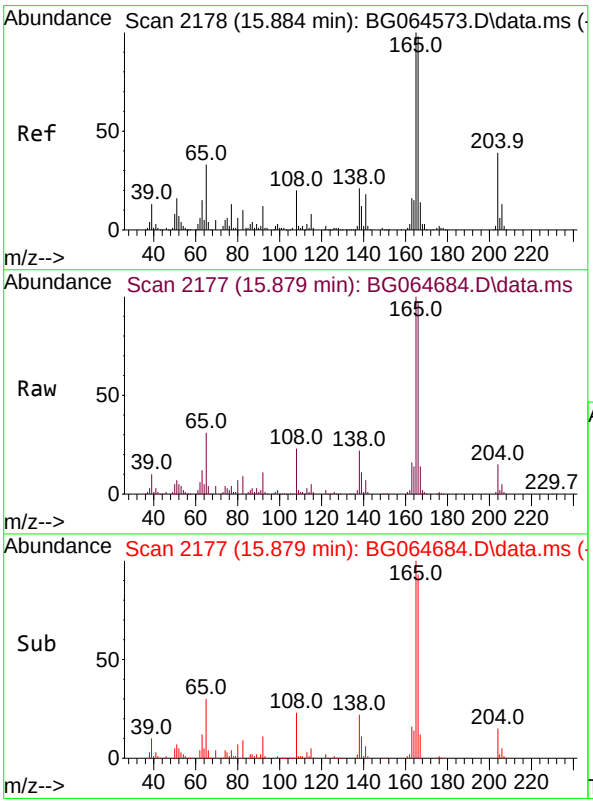
Ion	Ratio	Lower	Upper
204	100		
206	33.9	25.6	38.4
141	49.6	40.6	60.8



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations
APPROVED

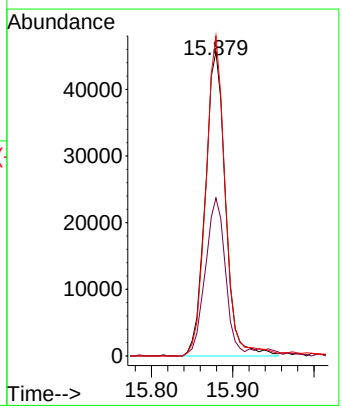
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

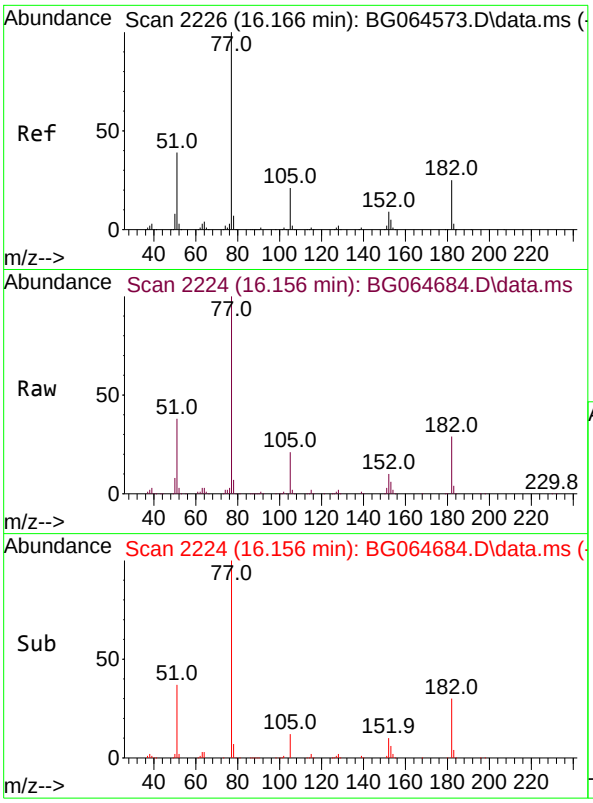


#62
4-Nitroaniline
Concen: 55.219 ng
RT: 15.879 min Scan# 2177
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:138 Resp: 78871

Ion	Ratio	Lower	Upper
138	100		
92	51.9	36.1	76.1
108	105.2	75.6	115.6

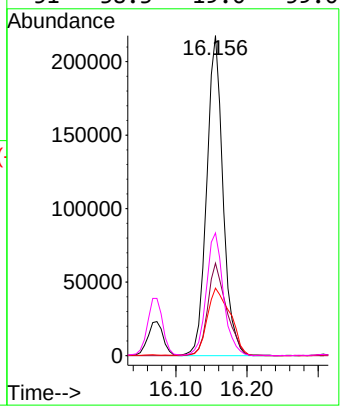




#63
Azobenzene
Concen: 49.553 ng
RT: 16.156 min Scan# 2
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion: 77 Resp: 34681

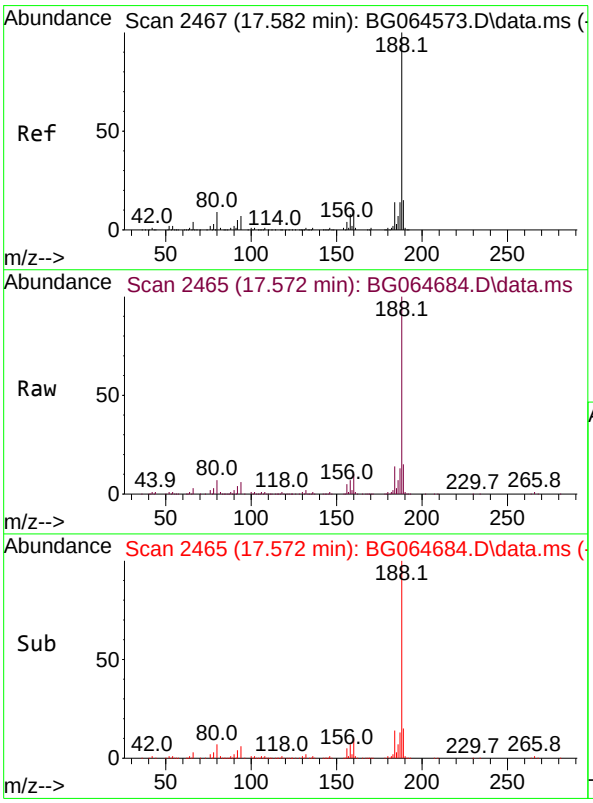
Ion	Ratio	Lower	Upper
77	100		
182	28.9	4.9	44.9
105	21.1	1.3	41.3
51	38.3	19.0	59.0



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations
APPROVED

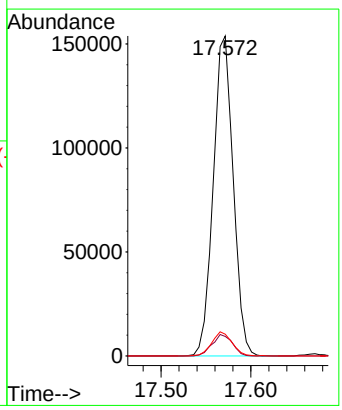
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

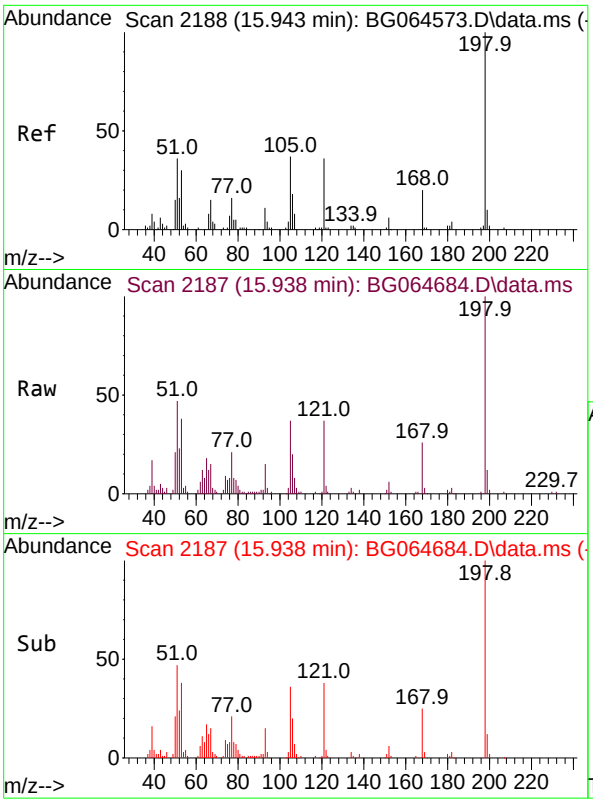


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.572 min Scan# 2465
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:188 Resp: 238127

Ion	Ratio	Lower	Upper
188	100		
94	6.1	5.7	8.5
80	6.8	6.8	10.2#





#65
4,6-Dinitro-2-methylphenol
Concen: 64.716 ng
RT: 15.938 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

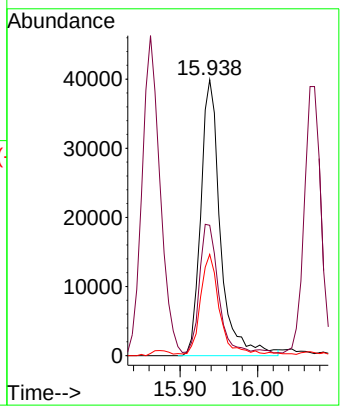
Tgt Ion:198 Resp: 7004

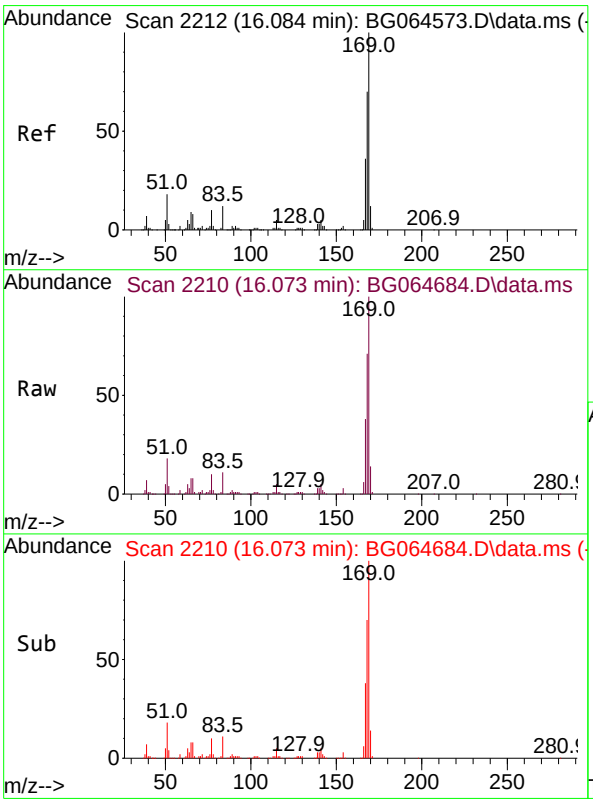
Ion	Ratio	Lower	Upper
198	100		
51	47.2	24.7	64.7
105	36.7	18.0	58.0

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

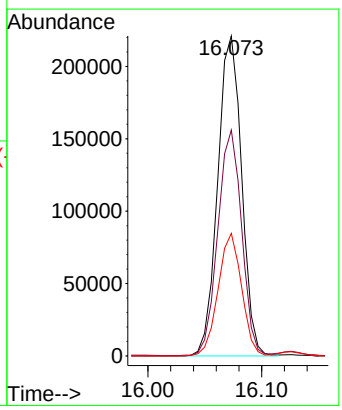


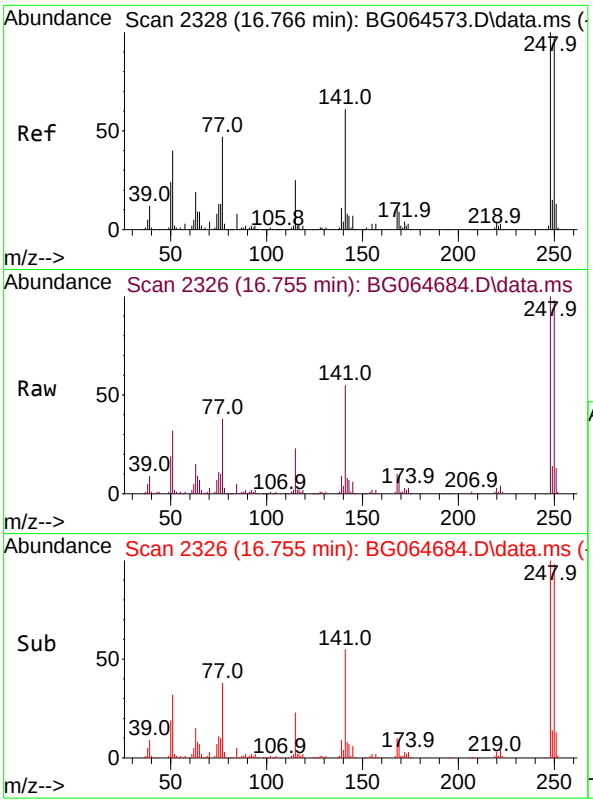


#66
n-Nitrosodiphenylamine
Concen: 50.141 ng
RT: 16.073 min Scan# 2210
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:169 Resp: 322527

Ion	Ratio	Lower	Upper
169	100		
168	70.6	56.3	84.5
167	38.3	29.0	43.6

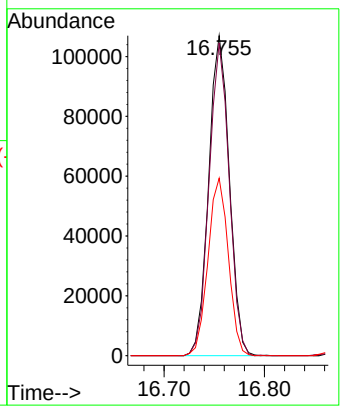




#67
4-Bromophenyl-phenylether
Concen: 54.311 ng
RT: 16.755 min Scan# 2
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:248 Resp: 15326

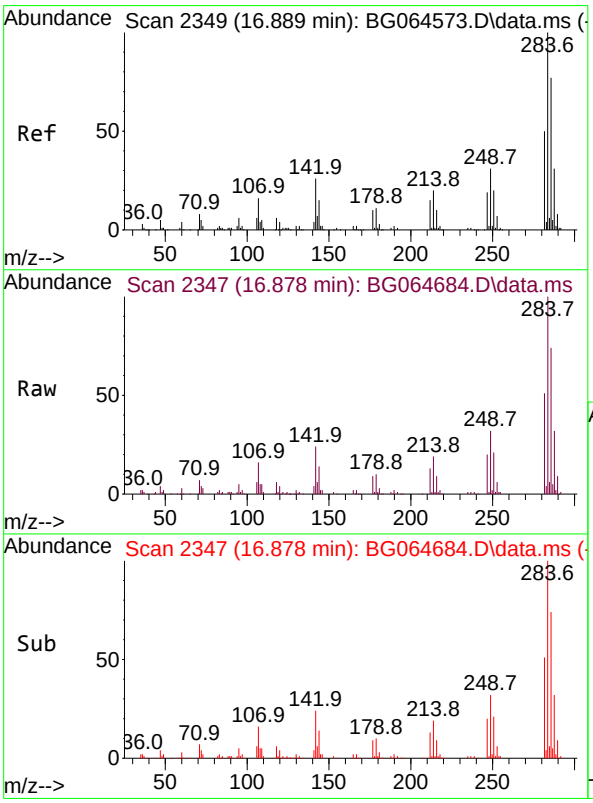
Ion	Ratio	Lower	Upper
248	100		
250	97.7	77.7	116.5
141	55.4	48.6	72.8



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations
APPROVED

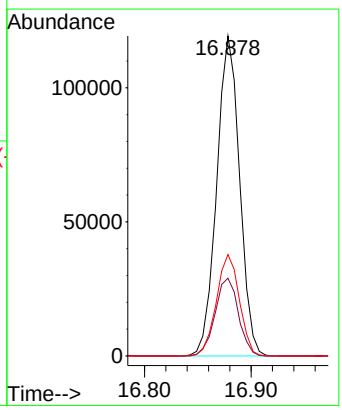
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

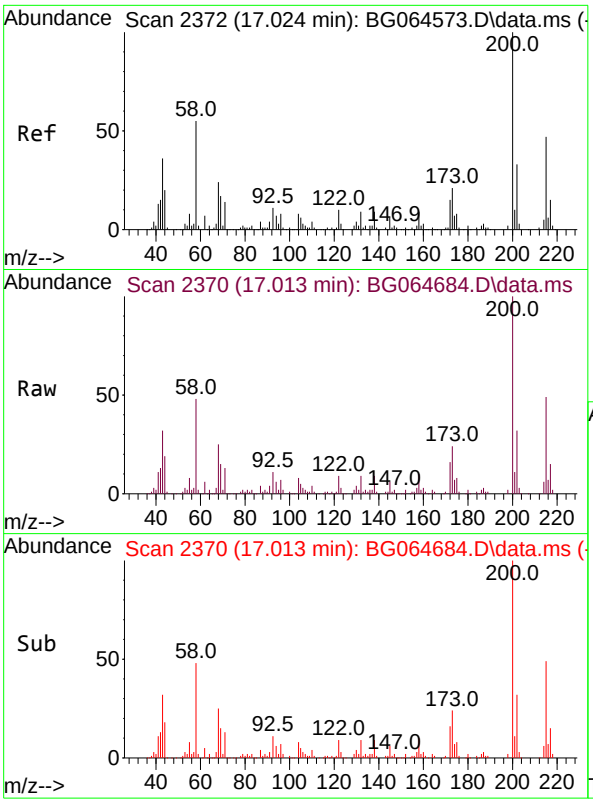


#68
Hexachlorobenzene
Concen: 55.383 ng
RT: 16.878 min Scan# 2347
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:284 Resp: 178294

Ion	Ratio	Lower	Upper
284	100		
142	24.3	21.0	31.6
249	33.7	24.9	37.3

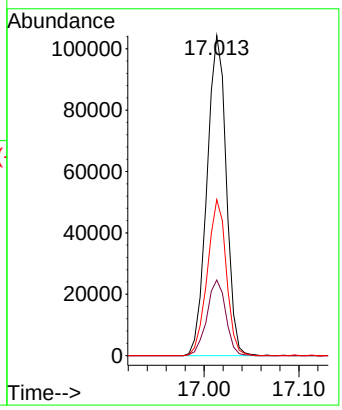




#69
Atrazine
Concen: 53.177 ng
RT: 17.013 min Scan# 2
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:200 Resp: 14720

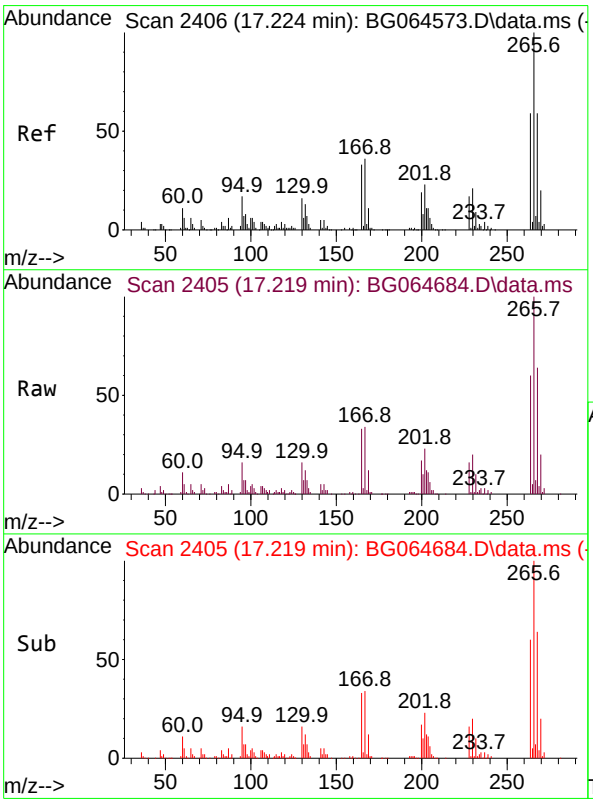
Ion	Ratio	Lower	Upper
200	100		
173	23.6	0.9	40.9
215	48.7	27.0	67.0



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations
APPROVED

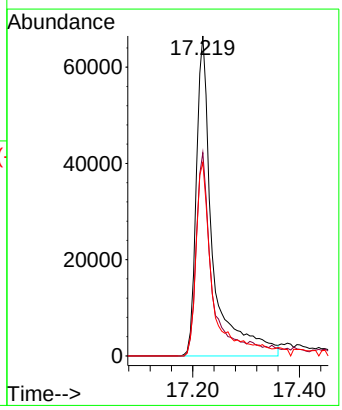
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

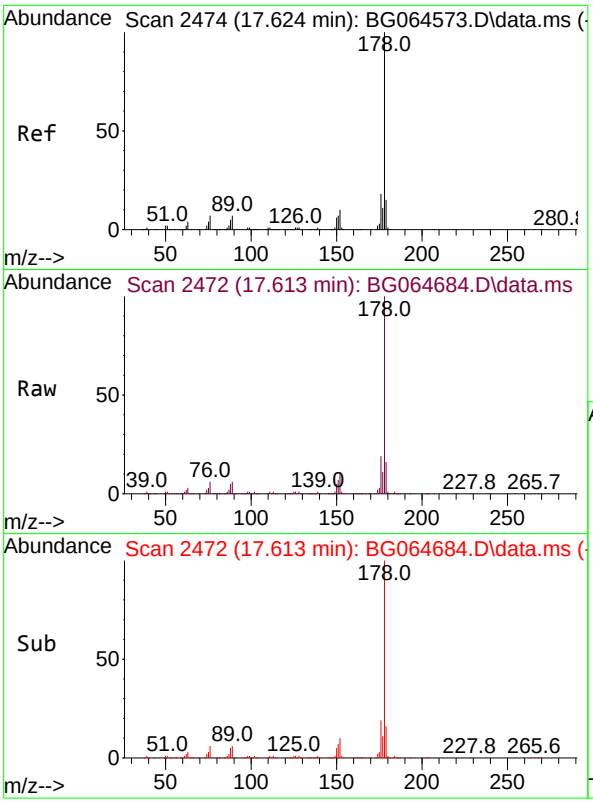


#70
Pentachlorophenol
Concen: 71.149 ng
RT: 17.219 min Scan# 2405
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:266 Resp: 142833

Ion	Ratio	Lower	Upper
266	100		
268	67.4	50.3	75.5
264	60.4	47.3	70.9

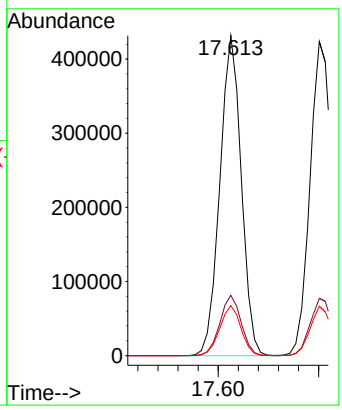




#71
Phenanthrene
Concen: 49.144 ng
RT: 17.613 min Scan# 24
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:178 Resp: 63996

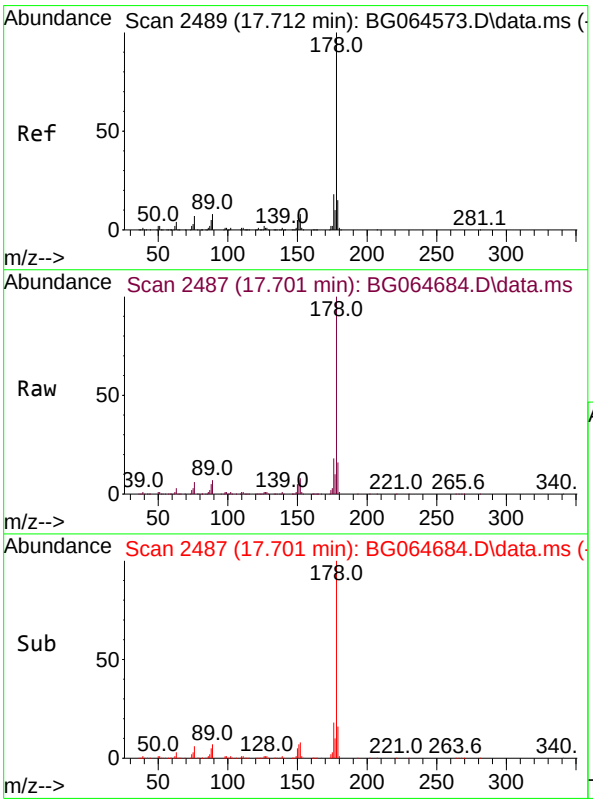
Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.7	22.1
179	15.6	12.2	18.4



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations
APPROVED

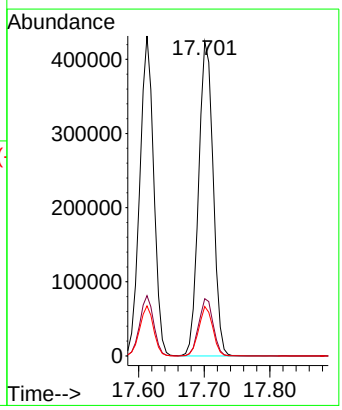
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

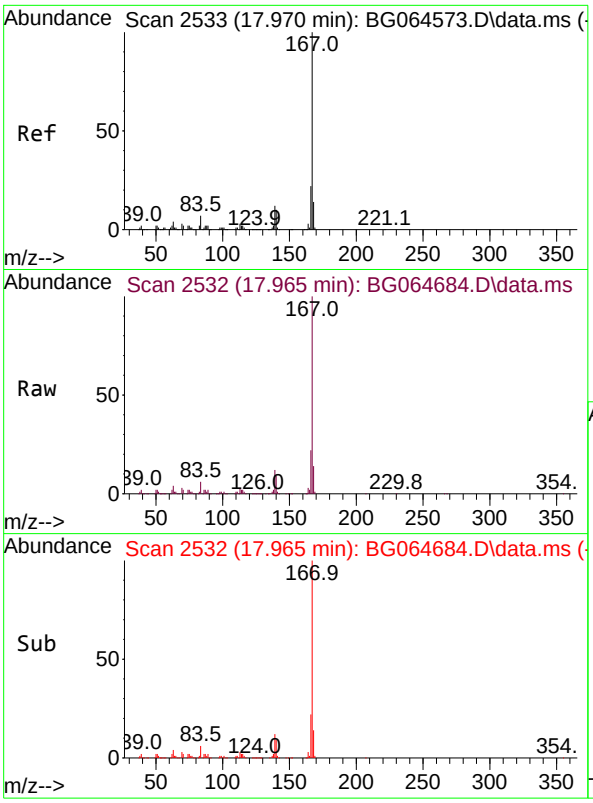


#72
Anthracene
Concen: 49.016 ng
RT: 17.701 min Scan# 2487
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:178 Resp: 649301

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.4	21.6
179	15.7	12.4	18.6

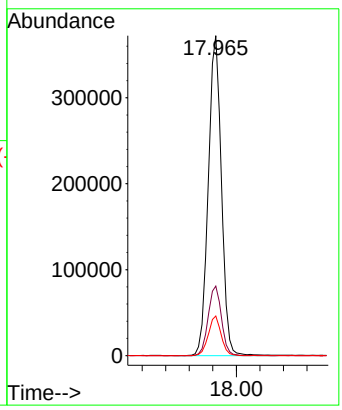




#73
Carbazole
Concen: 49.201 ng
RT: 17.965 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:167 Resp: 57471

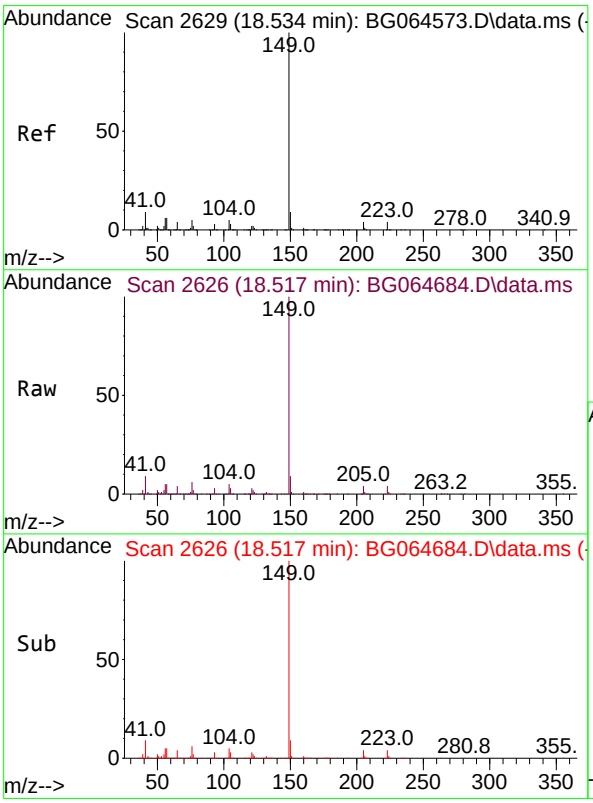
Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.9	26.9
139	12.4	9.7	14.5



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations
APPROVED

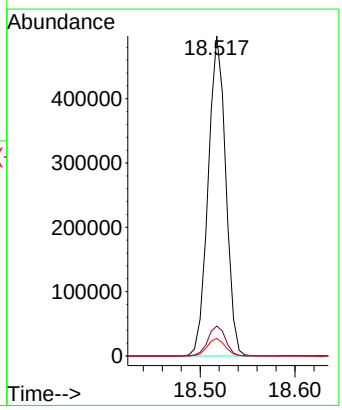
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

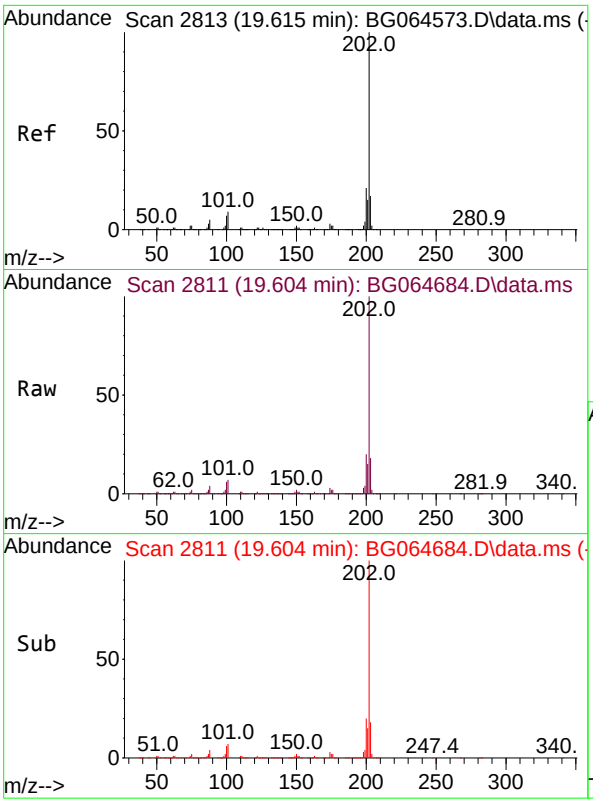


#74
Di-n-butylphthalate
Concen: 47.485 ng
RT: 18.517 min Scan# 2626
Delta R.T. -0.017 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:149 Resp: 641418

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.0	10.6
104	5.5	4.1	6.1

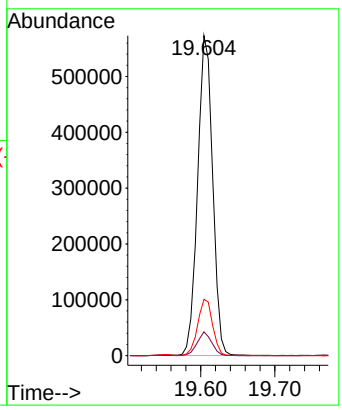




#75
Fluoranthene
Concen: 49.267 ng
RT: 19.604 min Scan# 2
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:202 Resp: 80372

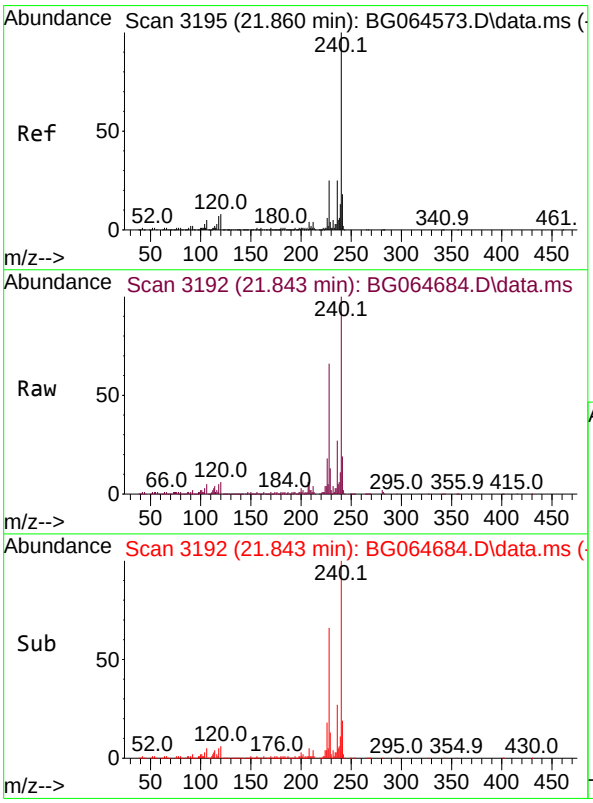
Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	28.7
203	17.6	0.0	37.0



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations
APPROVED

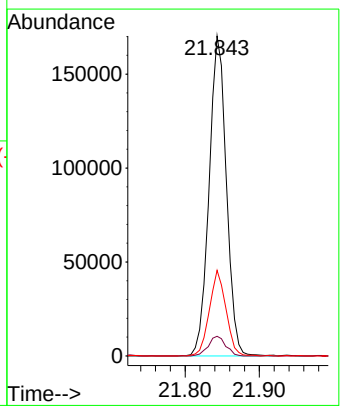
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

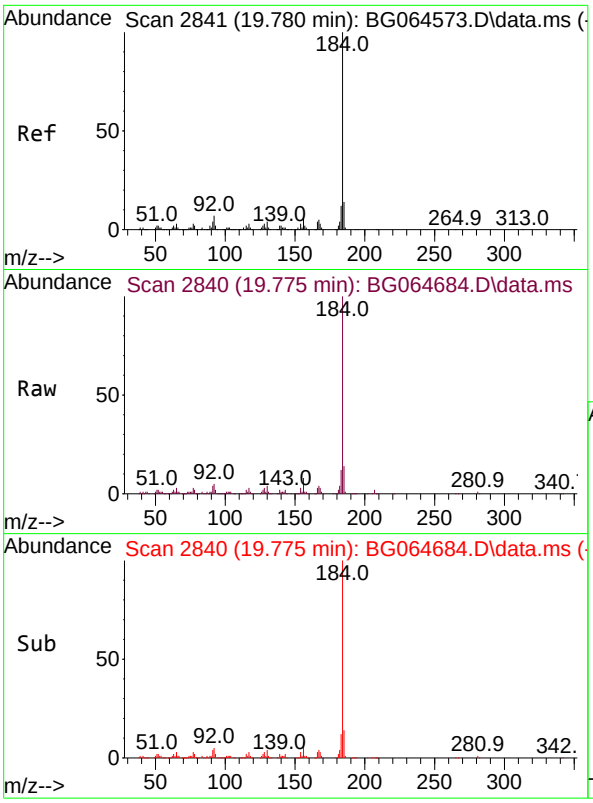


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.843 min Scan# 3192
Delta R.T. -0.017 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:240 Resp: 275359

Ion	Ratio	Lower	Upper
240	100		
120	6.1	6.5	9.7#
236	26.7	20.2	30.2

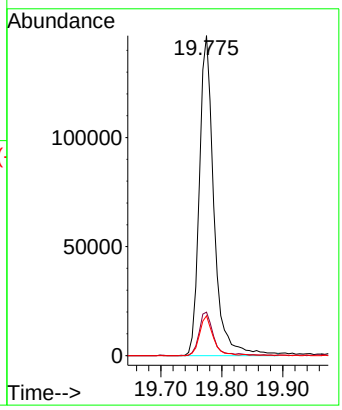




#77
Benzidine
Concen: 39.558 ng
RT: 19.775 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:184 Resp: 24404

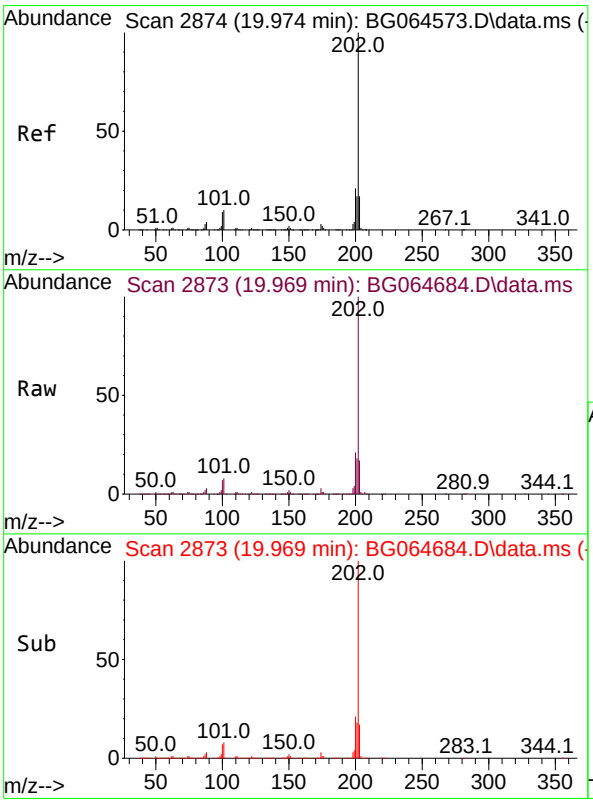
Ion	Ratio	Lower	Upper
184	100		
185	13.6	11.4	17.2
183	12.4	9.4	14.2



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations
APPROVED

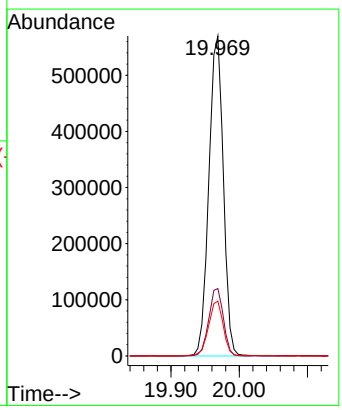
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

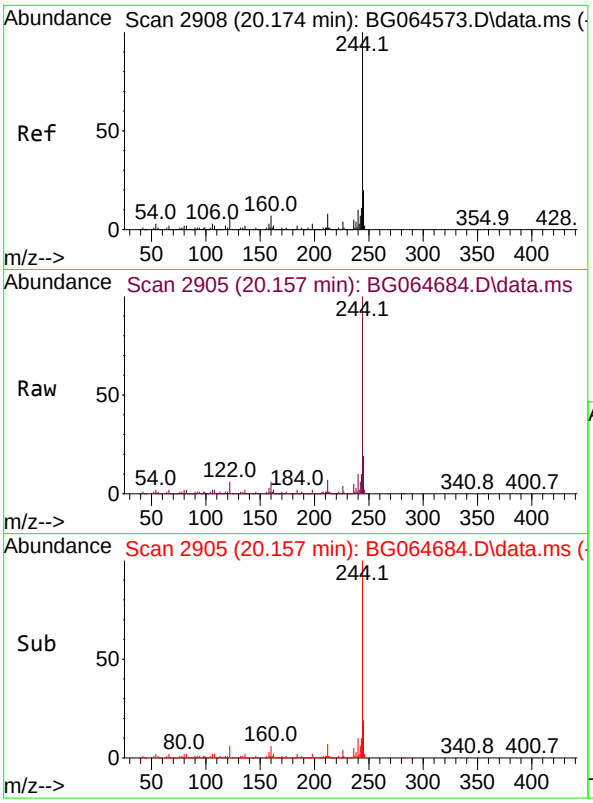


#78
Pyrene
Concen: 46.674 ng
RT: 19.969 min Scan# 2873
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:202 Resp: 839699

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.4
203	17.1	13.8	20.6

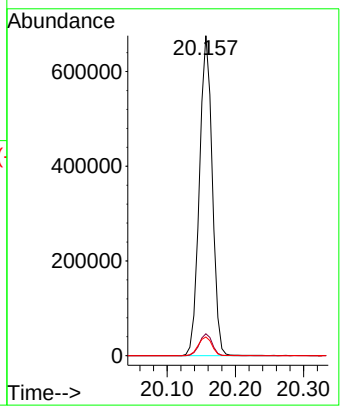




#79
Terphenyl-d14
Concen: 60.618 ng
RT: 20.157 min Scan# 29
Delta R.T. -0.017 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:244 Resp: 88448

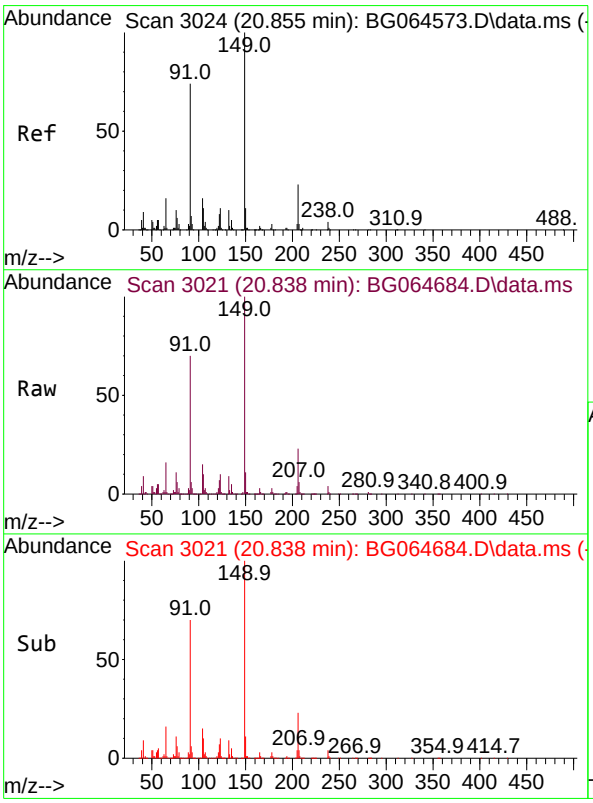
Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.1	9.1
122	5.8	5.6	8.4



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations
APPROVED

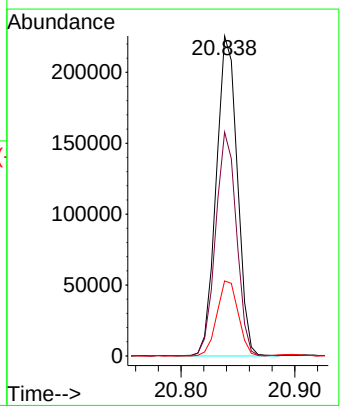
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

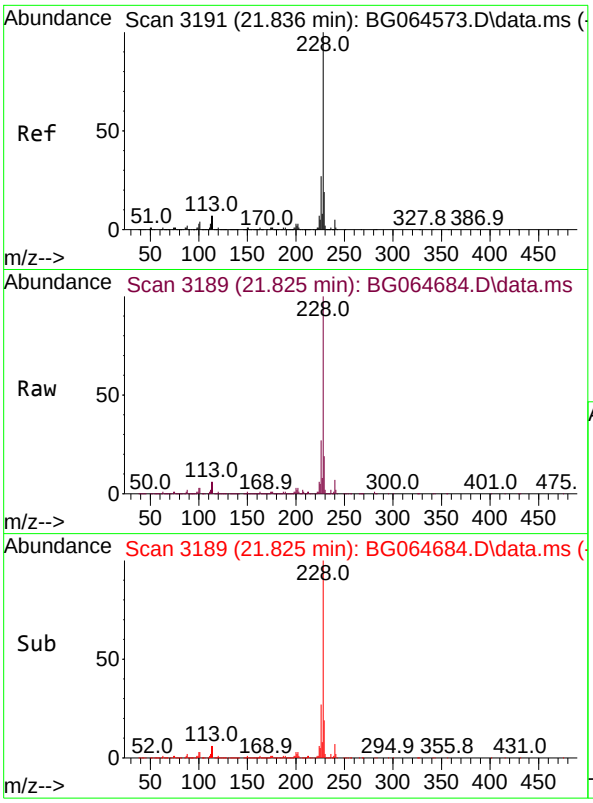


#80
Butylbenzylphthalate
Concen: 53.468 ng
RT: 20.838 min Scan# 3021
Delta R.T. -0.017 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:149 Resp: 290726

Ion	Ratio	Lower	Upper
149	100		
91	69.9	59.2	88.8
206	23.5	18.1	27.1

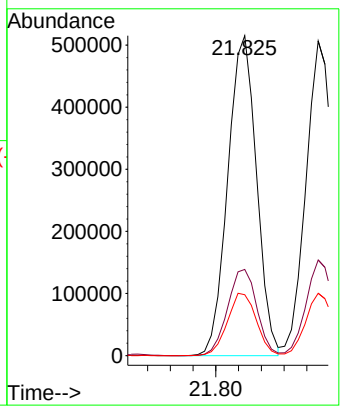




#81
Benzo(a)anthracene
Concen: 49.492 ng
RT: 21.825 min Scan# 3
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:228 Resp: 90361

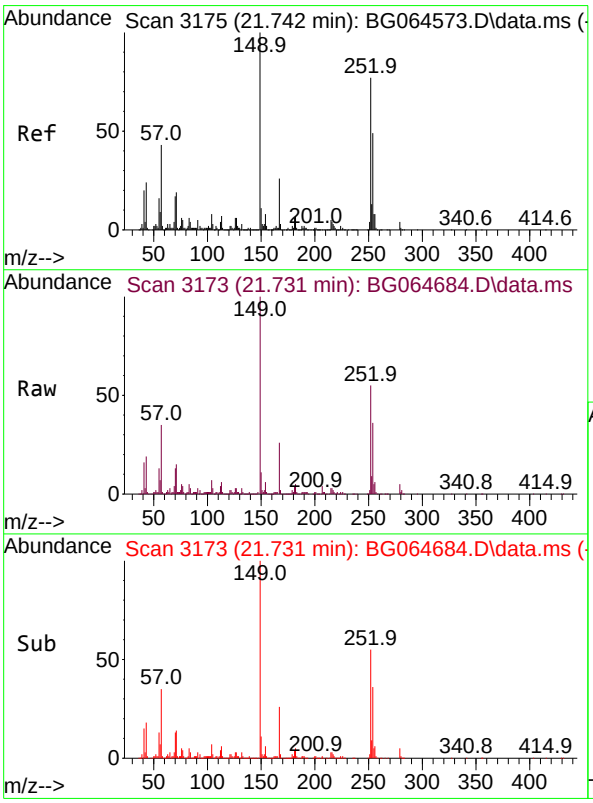
Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.9	32.9
229	19.0	15.6	23.4



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations
APPROVED

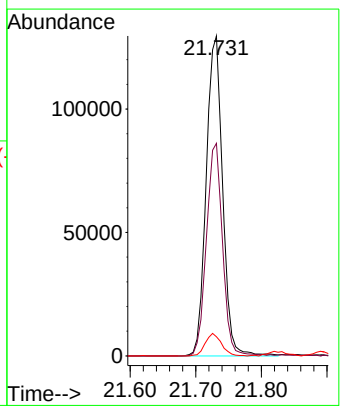
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

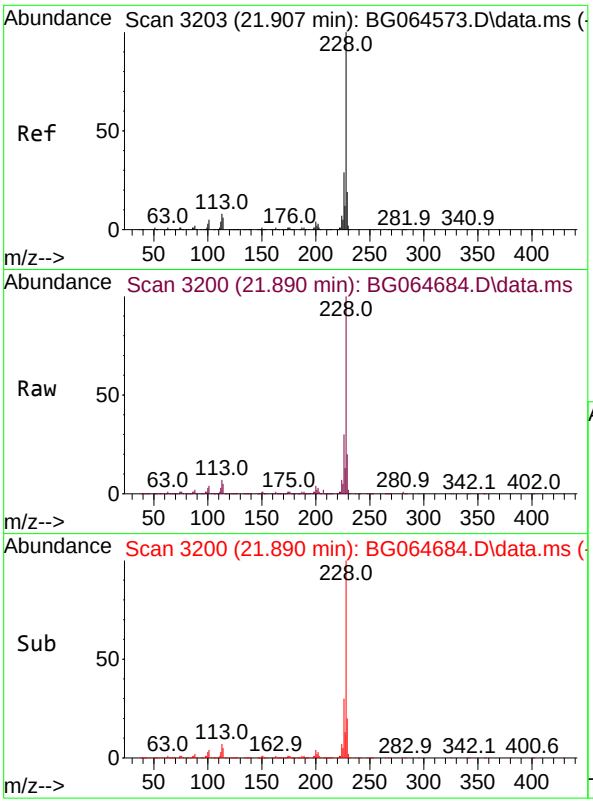


#82
3,3'-Dichlorobenzidine
Concen: 36.833 ng
RT: 21.731 min Scan# 3173
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:252 Resp: 224568

Ion	Ratio	Lower	Upper
252	100		
254	66.4	50.8	76.2
126	6.0	5.8	8.6

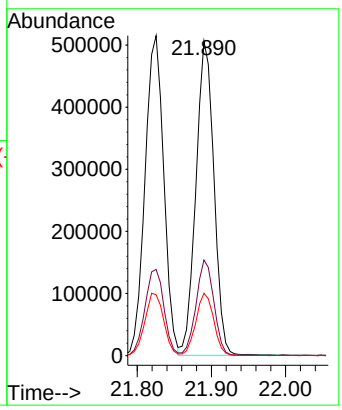




#83
Chrysene
Concen: 49.192 ng
RT: 21.890 min Scan# 3
Delta R.T. -0.017 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:228 Resp: 85459

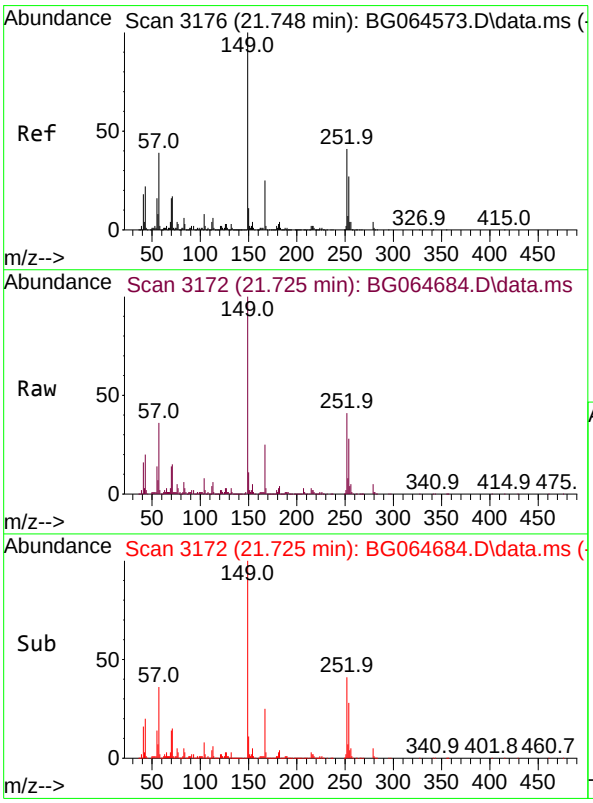
Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.3	34.9
229	19.8	15.2	22.8



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations
APPROVED

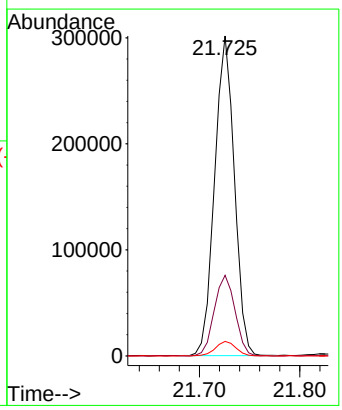
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

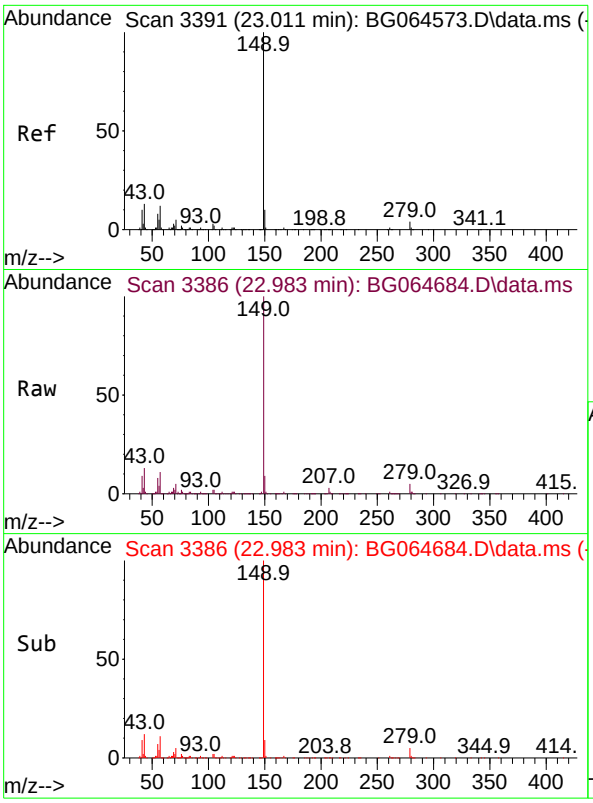


#84
Bis(2-ethylhexyl)phthalate
Concen: 50.742 ng
RT: 21.725 min Scan# 3172
Delta R.T. -0.023 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:149 Resp: 412267

Ion	Ratio	Lower	Upper
149	100		
167	25.2	20.0	30.0
279	4.5	3.1	4.7

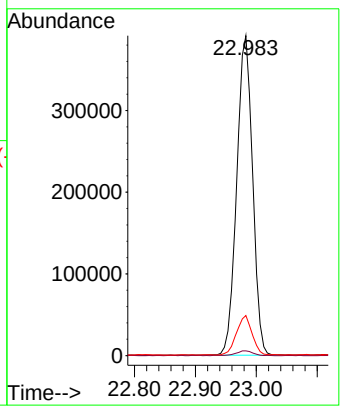




#85
Di-n-octyl phthalate
Concen: 51.563 ng
RT: 22.983 min Scan# 3
Delta R.T. -0.029 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:149 Resp: 70632

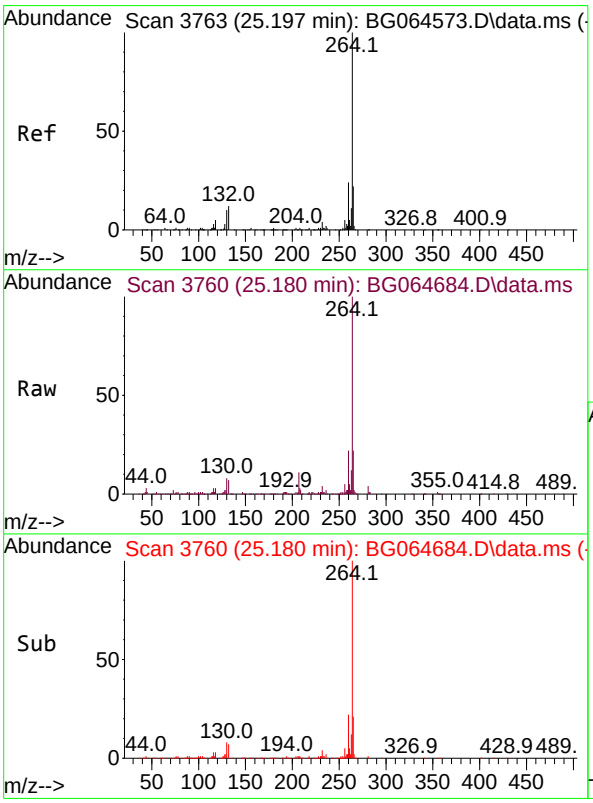
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.1	10.8	16.2



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations
APPROVED

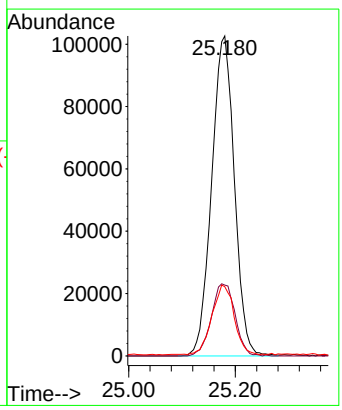
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

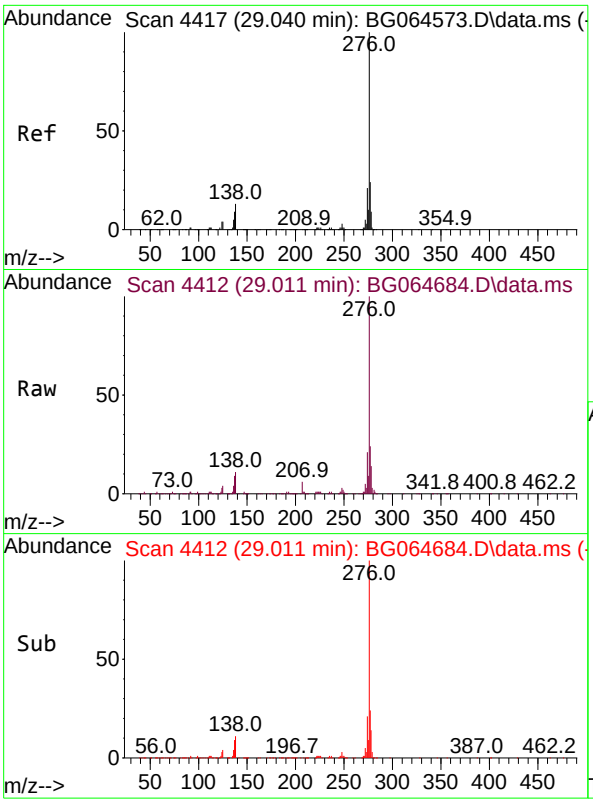


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.180 min Scan# 3760
Delta R.T. -0.017 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:264 Resp: 303393

Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.0	28.4
265	21.6	17.6	26.4

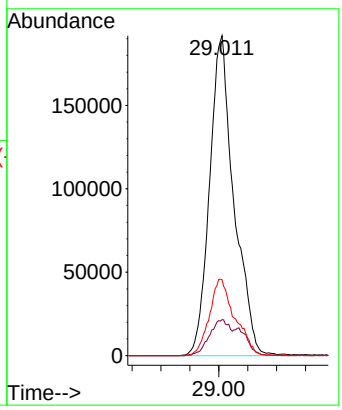




#87
Indeno(1,2,3-cd)pyrene
Concen: 50.272 ng
RT: 29.011 min Scan# 44
Delta R.T. -0.029 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:276 Resp: 112199

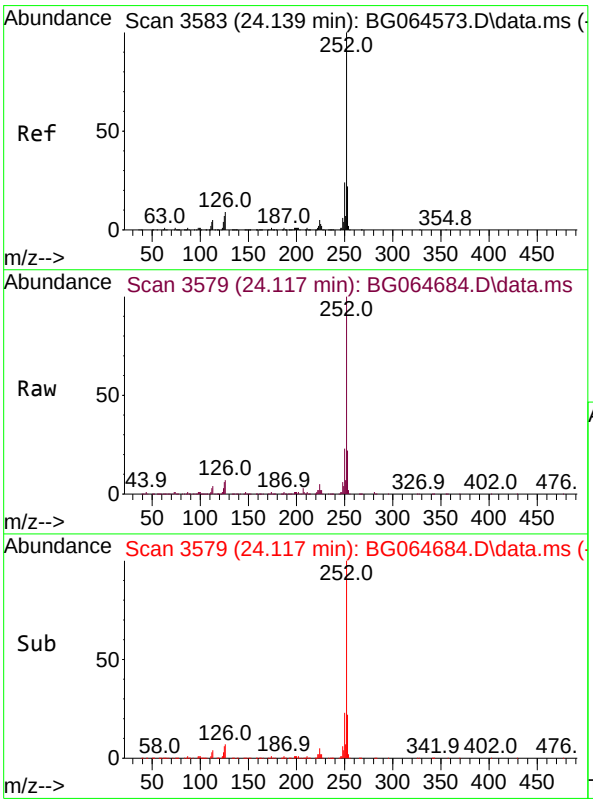
Ion	Ratio	Lower	Upper
276	100		
138	9.5	10.8	16.2#
277	25.0	20.1	30.1



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations
APPROVED

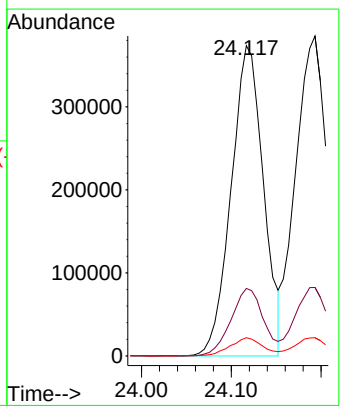
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

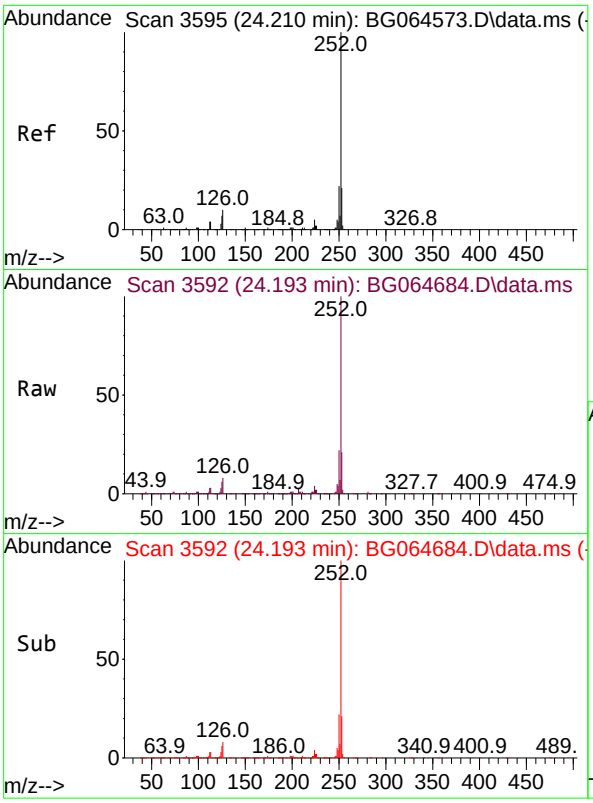


#88
Benzo(b)fluoranthene
Concen: 50.330 ng
RT: 24.117 min Scan# 3579
Delta R.T. -0.023 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:252 Resp: 936337

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.8
125	5.8	5.6	8.4

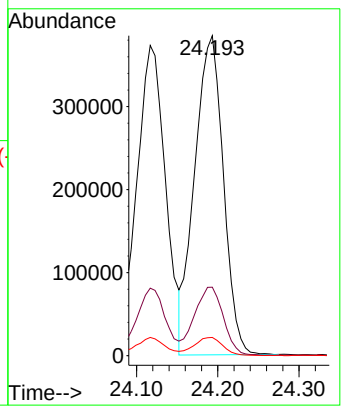




#89
Benzo(k)fluoranthene
Concen: 50.755 ng
RT: 24.193 min Scan# 3
Delta R.T. -0.017 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:252 Resp: 94489

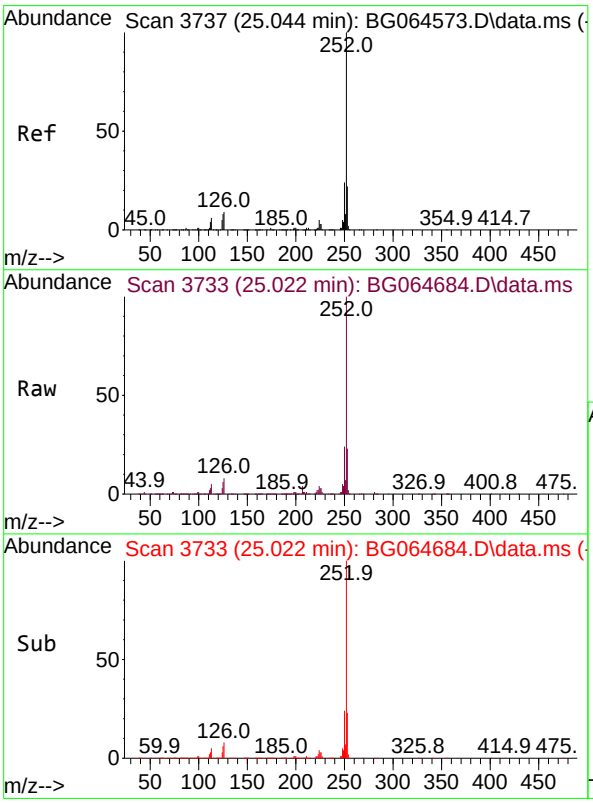
Ion	Ratio	Lower	Upper
252	100		
253	21.4	16.8	25.2
125	5.7	5.4	8.0



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations
APPROVED

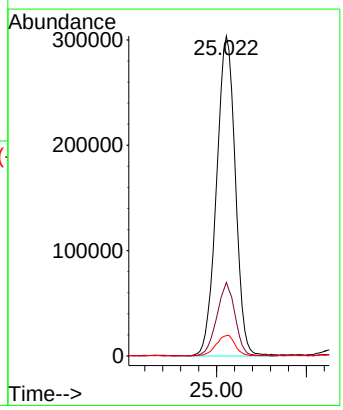
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

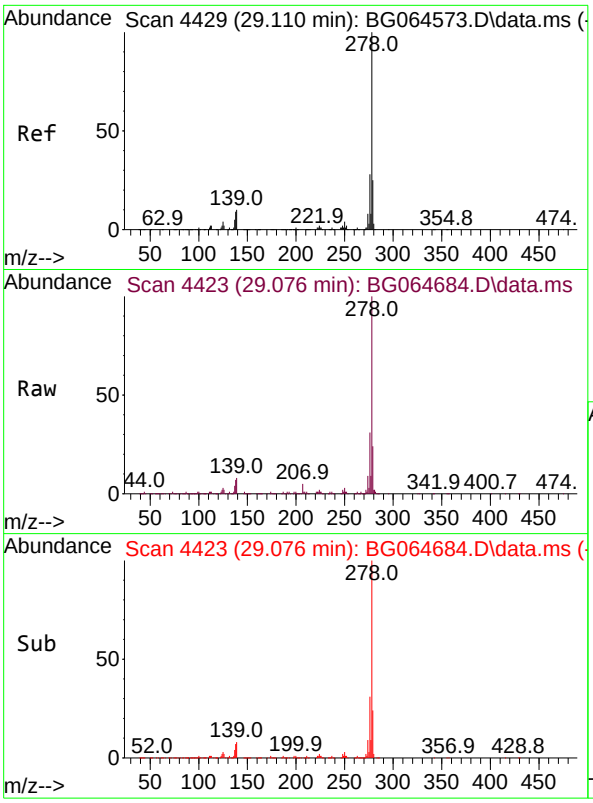


#90
Benzo(a)pyrene
Concen: 51.686 ng
RT: 25.022 min Scan# 3733
Delta R.T. -0.023 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:252 Resp: 883881

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.6	26.4
125	6.3	6.1	9.1

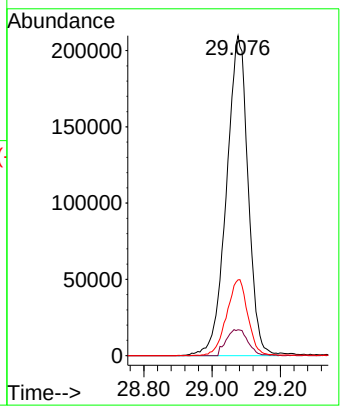




#91
Dibenzo(a,h)anthracene
Concen: 50.900 ng
RT: 29.076 min Scan# 44
Delta R.T. -0.034 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:278 Resp: 92293

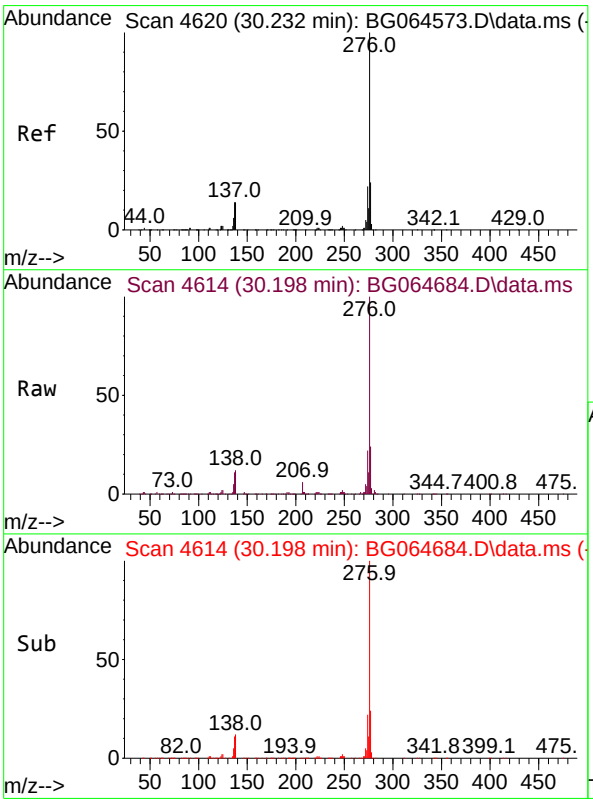
Ion	Ratio	Lower	Upper
278	100		
139	8.1	8.0	12.0
279	23.7	19.8	29.6



Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations
APPROVED

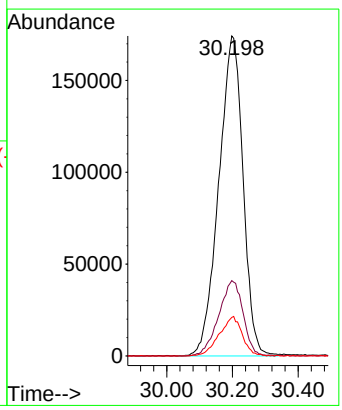
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#92
Benzo(g,h,i)perylene
Concen: 51.705 ng
RT: 30.198 min Scan# 4614
Delta R.T. -0.034 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:276 Resp: 895587

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.1	28.7
138	12.0	11.3	16.9



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	BG102425	Instrument	BNA_g

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BG064570.D	1,4-Dichlorobenzene	rahul	10/27/2025 8:32:20 AM	Jagrut	10/27/2025 12:24:38 PM	Peak Integrated by Software
SSTDICC005	BG064570.D	1-Methylnaphthalene	rahul	10/27/2025 8:32:20 AM	Jagrut	10/27/2025 12:24:38 PM	Peak Integrated by Software
SSTDICC010	BG064571.D	Benzoic acid	rahul	10/27/2025 8:32:22 AM	Jagrut	10/27/2025 12:24:41 PM	Peak Integrated by Software
SSTDICC020	BG064572.D	Benzoic acid	rahul	10/27/2025 8:32:28 AM	Jagrut	10/27/2025 12:24:43 PM	Peak Integrated by Software
SSTDICCC040	BG064573.D	Benzoic acid	rahul	10/27/2025 8:33:01 AM	Jagrut	10/27/2025 12:24:45 PM	Peak Integrated by Software
SSTDICC060	BG064574.D	Benzoic acid	rahul	10/27/2025 8:33:03 AM	Jagrut	10/27/2025 12:24:48 PM	Peak Integrated by Software
SSTDICC080	BG064575.D	Benzoic acid	rahul	10/27/2025 8:33:07 AM	Jagrut	10/27/2025 12:24:52 PM	Peak Integrated by Software
SSTDICC050	BG064576.D	Benzoic acid	rahul	10/27/2025 8:33:12 AM	Jagrut	10/27/2025 12:24:54 PM	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	BG110325	Instrument	BNA_g

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG102425

Review By	rahul	Review On	10/27/2025 10:16:00 AM		
Supervise By	Jagrut	Supervise On	10/27/2025 12:25:10 PM		
SubDirectory	BG102425	HP Acquire Method	BNA_G	HP Processing Method	BG102425

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13179,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BG064568.D	24 Oct 2025 8:20	RC/JU	Ok
2	SSTDICC2.5	BG064569.D	24 Oct 2025 9:00	RC/JU	Ok
3	SSTDICC005	BG064570.D	24 Oct 2025 9:41	RC/JU	Ok,M
4	SSTDICC010	BG064571.D	24 Oct 2025 11:02	RC/JU	Ok,M
5	SSTDICC020	BG064572.D	24 Oct 2025 12:23	RC/JU	Ok,M
6	SSTDICCC040	BG064573.D	24 Oct 2025 13:03	RC/JU	Ok,M
7	SSTDICC060	BG064574.D	24 Oct 2025 13:44	RC/JU	Ok,M
8	SSTDICC080	BG064575.D	24 Oct 2025 14:24	RC/JU	Ok,M
9	SSTDICC050	BG064576.D	24 Oct 2025 15:32	RC/JU	Ok,M
10	SSTDICV040	BG064577.D	24 Oct 2025 16:47	RC/JU	Ok
11	PB170222BL	BG064578.D	24 Oct 2025 17:28	RC/JU	Not Ok
12	Q3405-02	BG064579.D	24 Oct 2025 18:08	RC/JU	Ok
13	Q3405-03	BG064580.D	24 Oct 2025 18:49	RC/JU	Ok
14	Q3405-04	BG064581.D	24 Oct 2025 19:30	RC/JU	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG110325

Review By	rahul	Review On	11/3/2025 3:19:29 PM		
Supervise By		Supervise On			
SubDirectory	BG110325	HP Acquire Method	BNA_G	HP Processing Method	BG102425

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13181,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BG064671.D	3 Nov 2025 13:54	RC/JU	Ok
2	SSTDCCC040	BG064672.D	3 Nov 2025 14:35	RC/JU	Ok,NR
3	PB170206BL	BG064673.D	3 Nov 2025 15:16	RC/JU	Ok
4	PB170206BS	BG064674.D	3 Nov 2025 15:57	RC/JU	Ok,NR
5	PB170216BL	BG064675.D	3 Nov 2025 16:38	RC/JU	Ok
6	PB170216BS	BG064676.D	3 Nov 2025 17:19	RC/JU	Ok,NR
7	PB170172TB	BG064677.D	3 Nov 2025 18:00	RC/JU	Ok
8	Q3399-02	BG064678.D	3 Nov 2025 18:41	RC/JU	Ok
9	Q3368-06	BG064679.D	3 Nov 2025 19:22	RC/JU	Ok
10	Q3368-06MS	BG064680.D	3 Nov 2025 20:02	RC/JU	Ok,NR
11	Q3368-06MSD	BG064681.D	3 Nov 2025 20:43	RC/JU	Ok,NR
12	Q3399-01	BG064682.D	3 Nov 2025 21:24	RC/JU	Ok
13	Q3399-01MS	BG064683.D	3 Nov 2025 22:05	RC/JU	Ok,NR
14	Q3399-01MSD	BG064684.D	3 Nov 2025 22:46	RC/JU	Ok,NR
15	SSTDCCC040	BG064685.D	3 Nov 2025 23:27	RC/JU	Ok,NR

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG102425

Review By	rahul	Review On	10/27/2025 10:16:00 AM		
Supervise By	Jagrut	Supervise On	10/27/2025 12:25:10 PM		
SubDirectory	BG102425	HP Acquire Method	BNA_G	HP Processing Method	BG102425

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13179,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BG064568.D	24 Oct 2025 8:20		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BG064569.D	24 Oct 2025 9:00		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BG064570.D	24 Oct 2025 9:41		RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BG064571.D	24 Oct 2025 11:02		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BG064572.D	24 Oct 2025 12:23	Compound #32 kept on QR	RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BG064573.D	24 Oct 2025 13:03	Compound #26,48,51,54,57,65 are kept on LR	RC/JU	Ok,M
7	SSTDICC060	SSTDICC060	BG064574.D	24 Oct 2025 13:44		RC/JU	Ok,M
8	SSTDICC080	SSTDICC080	BG064575.D	24 Oct 2025 14:24		RC/JU	Ok,M
9	SSTDICC050	SSTDICC050	BG064576.D	24 Oct 2025 15:32		RC/JU	Ok,M
10	SSTDICV040	ICVBG102425	BG064577.D	24 Oct 2025 16:47	compound #77 failed in the ICV.	RC/JU	Ok
11	PB170222BL	PB170222BL	BG064578.D	24 Oct 2025 17:28	Analyzed for contamination check	RC/JU	Not Ok
12	Q3405-02	PAD-10-20-25-B	BG064579.D	24 Oct 2025 18:08		RC/JU	Ok
13	Q3405-03	PAD-10-20-25-C	BG064580.D	24 Oct 2025 18:49		RC/JU	Ok
14	Q3405-04	SW-10-20-25	BG064581.D	24 Oct 2025 19:30		RC/JU	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG110325

Review By	rahul	Review On	11/3/2025 3:19:29 PM		
Supervise By		Supervise On			
SubDirectory	BG110325	HP Acquire Method	BNA_G	HP Processing Method	BG102425

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13181,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BG064671.D	3 Nov 2025 13:54		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BG064672.D	3 Nov 2025 14:35		RC/JU	Ok,NR
3	PB170206BL	PB170206BL	BG064673.D	3 Nov 2025 15:16	Good for DOD Projects	RC/JU	Ok
4	PB170206BS	PB170206BS	BG064674.D	3 Nov 2025 15:57		RC/JU	Ok,NR
5	PB170216BL	PB170216BL	BG064675.D	3 Nov 2025 16:38		RC/JU	Ok
6	PB170216BS	PB170216BS	BG064676.D	3 Nov 2025 17:19		RC/JU	Ok,NR
7	PB170172TB	PB170172TB	BG064677.D	3 Nov 2025 18:00		RC/JU	Ok
8	Q3399-02	COMP-ROLLOFF	BG064678.D	3 Nov 2025 18:41		RC/JU	Ok
9	Q3368-06	OUTSIDE-DUMPSTER	BG064679.D	3 Nov 2025 19:22		RC/JU	Ok
10	Q3368-06MS	OUTSIDE-DUMPSTER	BG064680.D	3 Nov 2025 20:02		RC/JU	Ok,NR
11	Q3368-06MSD	OUTSIDE-DUMPSTER	BG064681.D	3 Nov 2025 20:43		RC/JU	Ok,NR
12	Q3399-01	COMP-ROLLOFF	BG064682.D	3 Nov 2025 21:24		RC/JU	Ok
13	Q3399-01MS	COMP-ROLLOFFMS	BG064683.D	3 Nov 2025 22:05		RC/JU	Ok,NR
14	Q3399-01MSD	COMP-ROLLOFFMSD	BG064684.D	3 Nov 2025 22:46		RC/JU	Ok,NR
15	SSTDCCC040	SSTDCCC040EC	BG064685.D	3 Nov 2025 23:27		RC/JU	Ok,NR

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/22/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 10/21/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:15
Out Date: 10/22/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB137592

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q3399-01	COMP-ROLLOFF	13	1.15	10.96	12.11	11.00	89.9	
Q3401-01	41-CONCRETE	1	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3402-01	41-LA	2	1.15	10.90	12.05	8.69	69.2	
Q3402-02	41-LA-E2	3	1.13	10.64	11.77	10.2	85.2	
Q3402-04	41-RA	4	1.16	10.73	11.89	7.61	60.1	
Q3402-05	41-RA-E2	5	1.16	10.98	12.14	7.39	56.7	
Q3402-07	41-LB	6	1.16	10.77	11.93	8.26	65.9	
Q3402-08	41-LB-E2	7	1.16	10.95	12.11	6.22	46.2	
Q3402-10	41-RB	8	1.11	10.87	11.98	7.01	54.3	
Q3402-11	41-RB-E2	9	1.15	10.68	11.83	9.78	80.8	
Q3403-01	MH-18	10	1.19	10.49	11.68	10.75	91.1	
Q3403-02	MH-18-EPH	11	1.16	10.66	11.82	10.8	90.4	
Q3403-03	MH-18-VOC	12	1.19	11.37	12.56	11.59	91.5	
Q3404-01	MOO-25-0285-0288	14	1.15	10.74	11.89	10.22	84.5	
Q3404-03	MOO-25-0285-0288-E2	15	1.19	10.42	11.61	9.77	82.3	
Q3404-04	MOO-25-0292	16	1.18	10.22	11.4	10.5	91.2	
Q3404-07	MOO-25-0292-EPH-2	17	1.14	10.27	11.41	10.44	90.6	
Q3405-01	PAD-10-20-25-A	18	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3405-02	PAD-10-20-25-B	19	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3405-03	PAD-10-20-25-C	20	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3405-04	SW-10-20-25-A	21	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3406-01	ARS20-0037	22	1.18	11.19	12.37	11.24	89.9	
Q3406-03	ARS20-0037-E2	23	1.18	11.48	12.66	11.4	89.0	
Q3407-01	L35-A	24	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-02	L35-B	25	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-03	L36-A	26	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-04	L36-B	27	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-05	L37-A	28	1.00	1.00	2.00	2.00	100.0	PILC

Alliance TECHNICAL GROUP

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/22/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 10/21/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:15
Out Date: 10/22/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB137592

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q3407-06	L37-B	29	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-07	L38-A	30	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-08	L38-B	31	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-09	L39-A	32	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-10	L39-B	33	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-11	L40-A	34	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-12	L40-B	35	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-13	L41-A	36	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-14	L41-B	37	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-15	L42-A	38	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-16	L42-B	39	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-17	L43-A	40	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-18	L43-B	41	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-19	L44-A	42	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-20	L44-B	43	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-21	L45-A	44	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-22	L45-B	45	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-23	L46-A	46	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-24	L46-B	47	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-25	L47-A	48	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-26	L47-B	49	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-27	L48-A	50	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-28	L48-B	51	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-29	L49-A	52	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-30	L49-B	53	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-31	L50-A	54	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-32	L50-B	55	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-33	L51-A	56	1.00	1.00	2.00	2.00	100.0	PILC

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/22/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 10/21/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:15
Out Date: 10/22/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB137592

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q3407-34	L51-B	57	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-35	L52-A	58	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-36	L52-B	59	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-37	L53-A	60	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-38	L53-B	61	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-39	245F69-A	62	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-40	245F69-B	63	1.00	1.00	2.00	2.00	100.0	PILC
Q3408-01	ASPHALT-A	64	1.00	1.00	2.00	2.00	100.0	ASPHALT
Q3408-02	ASPHALT-B	65	1.00	1.00	2.00	2.00	100.0	ASPHALT
Q3408-03	ASPHALT-C	66	1.00	1.00	2.00	2.00	100.0	ASPHALT
Q3408-04	ASPHALT-D	67	1.00	1.00	2.00	2.00	100.0	ASPHALT
Q3409-01	EXCAVATION-AREA-A	68	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3409-02	EXCAVATION-AREA-B	69	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3410-01	WASTE	70	1.14	10.45	11.59	9.59	80.9	
Q3410-02	VOC	71	1.15	10.55	11.7	9.64	80.5	
Q3410-03	1	72	1.15	10.97	12.12	9.89	79.7	
Q3410-04	2	73	1.13	11.27	12.4	11.24	89.7	
Q3410-05	3	74	1.16	10.62	11.78	9.6	79.5	
Q3410-06	4	75	1.12	10.50	11.62	9.76	82.3	
Q3410-07	5	76	1.16	10.50	11.66	9.43	78.8	
Q3412-01	TP-6	77	1.14	10.81	11.95	10.84	89.7	
Q3412-02	TP-6-EPH	78	1.18	10.73	11.91	10.7	88.7	
Q3412-03	TP-6-VOC	79	1.15	10.52	11.67	10.38	87.7	
Q3413-01	BP-VPB-184-GW-980-982	80	1.14	11.55	12.69	2.00	7.4	sludge sample
Q3414-01	SB-1	81	1.13	10.12	11.25	11.17	99.2	
Q3414-02	SB-2	82	1.15	10.62	11.77	11.6	98.4	
Q3414-03	SB-3	83	1.13	10.53	11.66	11.4	97.5	
Q3414-04	SB-4	84	1.14	10.28	11.42	11.3	98.8	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/22/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 10/21/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:15
Out Date: 10/22/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB137592

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q3414-05	SB-5	85	1.16	10.25	11.41	11.34	99.3	
Q3414-06	SB-6	86	1.18	10.36	11.54	11.49	99.5	
Q3414-07	SB-7	87	1.15	10.25	11.4	11.26	98.6	
Q3414-08	SB-8	88	1.19	10.25	11.44	11.14	97.1	
Q3414-09	SB-9	89	1.16	10.31	11.47	11.18	97.2	
Q3414-10	SB-10	90	1.14	10.55	11.69	11.6	99.1	
Q3414-11	SB-11	91	1.19	10.20	11.39	11.04	96.6	
Q3414-12	SB-12	92	1.18	10.10	11.28	10.9	96.2	
Q3414-13	SB-13	93	1.14	10.06	11.2	10.85	96.5	
Q3415-01	50841	94	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3415-02	50842	95	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3415-03	50843	96	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3416-01	NB-08-10212025	97	1.15	10.52	11.67	11.02	93.8	
Q3416-02	NB-08-10212025-E2	98	1.18	10.92	12.1	11.43	93.9	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

LM 137592

WorkList Name : %1-102125 **WorkList ID :** 192565 **Department :** Wet-Chemistry **Date :** 10-21-2025 08:08:50

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3399-01	COMP-ROLLOFF	Solid	Percent Solids	Cool 4 deg C	ICES02	D41	10/20/2025	Chemtech -SO
Q3401-01	41-CONCRETE	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3402-01	41-LA	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3402-02	41-LA-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3402-04	41-RA	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3402-05	41-RA-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3402-07	41-LB	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3402-08	41-LB-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3402-10	41-RB	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3402-11	41-RB-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3403-01	MH-18	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3403-02	MH-18-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3403-03	MH-18-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3404-01	MOO-25-0285-0288	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3404-03	MOO-25-0285-0288-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3404-04	MOO-25-0292	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3404-07	MOO-25-0292-EPH-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3405-01	PAD-10-20-25-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3405-02	PAD-10-20-25-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3405-03	PAD-10-20-25-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3405-04	SW-10-20-25-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO

Date/Time 10/21/25 15:00

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

Date/Time 10/21/25 1713

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

WORKLIST(Hardcopy Internal Chain)

WL 137592

WorkList Name : %1-102125 **WorkList ID :** 192565 **Department :** Wet-Chemistry **Date :** 10-21-2025 08:08:50

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3406-01	ARS20-0037	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3406-03	ARS20-0037-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3407-01	L35-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-02	L35-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-03	L36-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-04	L36-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-05	L37-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-06	L37-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-07	L38-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-08	L38-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-09	L39-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-10	L39-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-11	L40-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-12	L40-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-13	L41-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-14	L41-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-15	L42-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-16	L42-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-17	L43-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-18	L43-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-19	L44-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO

Date/Time 10/21/25 1500

Raw Sample Received by: SB WOC

Raw Sample Relinquished by:

Date/Time 10/21/25 1730

Raw Sample Received by:

Raw Sample Relinquished by: SB WOC

WORKLIST(Hardcopy Internal Chain)

VB 137592

WorkList Name : %1-102125 **WorkList ID :** 192565 **Department :** Wet-Chemistry **Date :** 10-21-2025 08:08:50

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3407-20	L44-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-21	L45-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-22	L45-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-23	L46-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-24	L46-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-25	L47-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-26	L47-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-27	L48-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-28	L48-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-29	L49-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-30	L49-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-31	L50-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-32	L50-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-33	L51-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-34	L51-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-35	L52-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-36	L52-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-37	L53-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-38	L53-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-39	245F69-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-40	245F69-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO

Date/Time 10/21/25 1510

Raw Sample Received by: JB WC

Raw Sample Relinquished by:

Date/Time 10/21/25 1730

Raw Sample Received by:

Raw Sample Relinquished by: JB WC

VB 137592

WORKLIST(Hardcopy Internal Chain)

WorkList Name : %1-102125 **WorkList ID :** 192565 **Department :** Wet-Chemistry **Date :** 10-21-2025 08:08:50

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3408-01	ASPHALT-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3408-02	ASPHALT-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3408-03	ASPHALT-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3408-04	ASPHALT-D	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3409-01	EXCAVATION-AREA-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3409-02	EXCAVATION-AREA-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3410-01	WASTE	Solid	Percent Solids	Cool 4 deg C	SCIA01	J11	10/20/2025	Chemtech -SO
Q3410-02	VOC	Solid	Percent Solids	Cool 4 deg C	SCIA01	J11	10/20/2025	Chemtech -SO
Q3410-03	1	Solid	Percent Solids	Cool 4 deg C	SCIA01	J11	10/20/2025	Chemtech -SO
Q3410-04	2	Solid	Percent Solids	Cool 4 deg C	SCIA01	J11	10/20/2025	Chemtech -SO
Q3410-05	3	Solid	Percent Solids	Cool 4 deg C	SCIA01	J11	10/20/2025	Chemtech -SO
Q3410-06	4	Solid	Percent Solids	Cool 4 deg C	SCIA01	J11	10/20/2025	Chemtech -SO
Q3410-07	5	Solid	Percent Solids	Cool 4 deg C	SCIA01	J11	10/20/2025	Chemtech -SO
Q3412-01	TP-6	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3412-02	TP-6-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3412-03	TP-6-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3413-01	BP-VPB-184-GW-980-982	Solid	Percent Solids	Cool 4 deg C	TETR06	D31	10/17/2025	Chemtech -SO
Q3414-01	SB-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3414-02	SB-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3414-03	SB-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3414-04	SB-4	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO

Date/Time 10/21/25 1500

Raw Sample Received by: TB WEC

Raw Sample Relinquished by: CP

Date/Time 10/21/25 1730

Raw Sample Received by: CP

Raw Sample Relinquished by: TB WEC

WORKLIST(Hardcopy Internal Chain)

VB 137592

WorkList Name : %1-102125 **WorkList ID :** 192565 **Department :** Wet-Chemistry **Date :** 10-21-2025 08:08:50

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3414-05	SB-5	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3414-06	SB-6	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3414-07	SB-7	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3414-08	SB-8	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3414-09	SB-9	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3414-10	SB-10	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3414-11	SB-11	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3414-12	SB-12	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3414-13	SB-13	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3415-01	50841	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/21/2025	Chemtech -SO
Q3415-02	50842	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/21/2025	Chemtech -SO
Q3415-03	50843	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/21/2025	Chemtech -SO
Q3416-01	NB-08-10212025	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	10/21/2025	Chemtech -SO
Q3416-02	NB-08-10212025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	10/21/2025	Chemtech -SO
Q3418-01	101725	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/21/2025	Chemtech -SO
Q3418-02	101725-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/21/2025	Chemtech -SO
Q3418-03	101725-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/21/2025	Chemtech -SO

Date/Time 10/21/25 15:00

Raw Sample Received by:

Raw Sample Relinquished by:

Date/Time 10/21/25 17:30

Raw Sample Received by:

Raw Sample Relinquished by:

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/24/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 10/23/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:15
Out Date: 10/24/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB137624

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q3399-03	COMP-ROLLOFF	15	1.15	10.96	12.11	11.00	89.9	
Q3437-03	SS-15R(2.0-2.5)	1	1.18	10.46	11.64	10.32	87.4	
Q3437-05	SS-26(0-0.5)	2	1.16	10.19	11.35	10.17	88.4	
Q3437-11	SS-27(0-0.5)	3	1.17	10.34	11.51	10.85	93.6	
Q3437-14	SS-25(0-0.5)	4	1.11	10.33	11.44	10.34	89.4	
Q3437-16	SS-23(0-0.5)	5	1.13	10.84	11.97	11.26	93.5	
Q3439-01	TP-9	6	1.18	10.29	11.47	10.55	91.1	
Q3439-02	TP-9-EPH	7	1.19	10.61	11.8	10.87	91.2	
Q3439-03	TP-9-VOC	8	1.18	10.14	11.32	10.41	91.0	
Q3439-05	TP-10	9	1.15	10.60	11.75	10.82	91.2	
Q3439-06	TP-10-EPH	10	1.19	10.17	11.36	10.44	91.0	
Q3439-07	TP-10-VOC	11	1.18	10.31	11.49	10.37	89.1	
Q3440-01	JB-2	12	1.13	11.32	12.45	10.38	81.7	
Q3440-02	JB-2-EPH	13	1.17	10.42	11.59	9.79	82.7	
Q3440-03	JB-2-VOC	14	1.13	8.36	9.49	8.14	83.9	
Q3445-01	EO-01-102325	16	1.14	10.46	11.6	10.74	91.8	
Q3445-02	EO-01-102325-E2	17	1.16	10.40	11.56	10.57	90.5	
Q3446-01	SB-14	18	1.11	10.00	11.11	10.82	97.1	
Q3446-02	SB-15	19	1.14	10.54	11.68	11.64	99.6	
Q3446-03	SB-16	20	1.19	10.31	11.5	11.44	99.4	
Q3446-04	SB-17	21	1.19	10.13	11.32	11.27	99.5	
Q3446-05	SB-18	22	1.19	10.53	11.72	11.67	99.5	
Q3446-06	SB-19	23	1.15	10.44	11.59	11.32	97.4	
Q3446-07	SB-20	24	1.16	10.50	11.66	11.6	99.4	
Q3446-08	SB-21	25	1.14	10.08	11.22	10.9	96.8	
Q3447-01	P001-TW1-251023-01	26	1.00	1.00	2.00	2.00	100.0	TAR SAMPLE
Q3447-03	P001-TW2-251023-01	27	1.19	10.43	11.62	10.75	91.7	
Q3447-05	P001-TW3-251023-01	28	1.18	10.70	11.88	11.64	97.8	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/24/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 10/23/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:15
Out Date: 10/24/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB137624

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q3447-07	P001-TW4-251023-01	29	1.00	1.00	2.00	2.00	100.0	TAR SAMPLE

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

10/23/25

WorkList Name : %1-102325 **WorkList ID :** 192629 **Department :** Wet-Chemistry **Date :** 10-23-2025 08:26:05

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3399-03	COMP-ROLLOFF	Solid	Percent Solids	Cool 4 deg C	ICES02	D41	10/20/2025	Chemtech -SO
Q3437-03	SS-15R(2.0-2.5)	Solid	Percent Solids	Cool 4 deg C	MATR02	D31	10/22/2025	Chemtech -SO
Q3437-05	SS-26(0-0.5)	Solid	Percent Solids	Cool 4 deg C	MATR02	D31	10/22/2025	Chemtech -SO
Q3437-11	SS-27(0-0.5)	Solid	Percent Solids	Cool 4 deg C	MATR02	D31	10/22/2025	Chemtech -SO
Q3437-14	SS-25(0-0.5)	Solid	Percent Solids	Cool 4 deg C	MATR02	D31	10/22/2025	Chemtech -SO
Q3437-16	SS-23(0-0.5)	Solid	Percent Solids	Cool 4 deg C	MATR02	D31	10/22/2025	Chemtech -SO
Q3439-01	TP-9	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/22/2025	Chemtech -SO
Q3439-02	TP-9-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/22/2025	Chemtech -SO
Q3439-03	TP-9-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/22/2025	Chemtech -SO
Q3439-05	TP-10	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/23/2025	Chemtech -SO
Q3439-06	TP-10-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/23/2025	Chemtech -SO
Q3439-07	TP-10-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/23/2025	Chemtech -SO
Q3440-01	JB-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/22/2025	Chemtech -SO
Q3440-02	JB-2-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/22/2025	Chemtech -SO
Q3440-03	JB-2-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/22/2025	Chemtech -SO
Q3445-01	EO-01-102325	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	10/23/2025	Chemtech -SO
Q3445-02	EO-01-102325-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	10/23/2025	Chemtech -SO
Q3446-01	SB-14	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/23/2025	Chemtech -SO
Q3446-02	SB-15	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/23/2025	Chemtech -SO
Q3446-03	SB-16	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/23/2025	Chemtech -SO
Q3446-04	SB-17	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/23/2025	Chemtech -SO

Date/Time 10/23/25 15:00

Raw Sample Received by: [signature] (WC)

Raw Sample Relinquished by: [signature] (CSM)

Date/Time 10/23/25 17:30

Raw Sample Received by: [signature] (CSM)

Raw Sample Relinquished by: [signature] WC

WORKLIST(Hardcopy Internal Chain)

VB137624

WorkList Name : %1-102325 **WorkList ID :** 192629 **Department :** Wet-Chemistry **Date :** 10-23-2025 08:26:05

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3446-05	SB-18	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/23/2025	Chemtech -SO
Q3446-06	SB-19	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/23/2025	Chemtech -SO
Q3446-07	SB-20	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/23/2025	Chemtech -SO
Q3446-08	SB-21	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/23/2025	Chemtech -SO
Q3447-01	P001-TW1-251023-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	D41	10/23/2025	Chemtech -SO
Q3447-03	P001-TW2-251023-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	D41	10/23/2025	Chemtech -SO
Q3447-05	P001-TW3-251023-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	D41	10/23/2025	Chemtech -SO
Q3447-07	P001-TW4-251023-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	D41	10/23/2025	Chemtech -SO

Date/Time 10/23/25 1510

Raw Sample Received by: JA CWC

Raw Sample Relinquished by: CPCSM

Date/Time 10/23/25 1730

Raw Sample Received by: CPCSM

Raw Sample Relinquished by: JA CWC

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB170206

SOP ID: M3541-ASE Extraction-15

Clean Up SOP #: N/A

Matrix : Solid

Weigh By: EH

Balance check: EH

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: EH

Filter By: RS

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date : 10/22/2025

Extraction Start Time : 09:55

Extraction End Date : 10/22/2025

Extraction End Time : 13:55

Concentration By: EH

Supervisor By : RUPESH

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☑ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6865
Surrogate	1.0ML	100/150 PPM	SP6869
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2641
Baked Na2SO4	N/A	EP2652
Methylene Chloride	N/A	E3980
Sand	N/A	E3951
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5ML Vial Lot # 2210443.

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/22/25	RS (Ext lab)	RC/SVOC
14:00	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170206

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 10/22/2025

Sample ID	Client Sample ID	Test	(g)/ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170206BL	SBLK206	SVOC-TCL BNA -20	30.01	N/A	Evelyn	RUPESH	1			U6-1
PB170206BS	SLCS206	SVOC-TCL BNA -20	30.03	N/A	Evelyn	RUPESH	1			2
Q3399-01	COMP-ROLLOFF	SVOC-TCL BNA -20	30.09	N/A	Evelyn	RUPESH	1	C		3
Q3399-01MS	COMP-ROLLOFFMS	SVOC-TCL BNA -20	30.08	N/A	Evelyn	RUPESH	1	C		4
Q3399-01MSD	COMP-ROLLOFFMSD	SVOC-TCL BNA -20	30.06	N/A	Evelyn	RUPESH	1	C		5
Q3404-01	MOO-25-0285-0288	SVOC-TCL BNA -20	50.10	N/A	Evelyn	RUPESH	1	E		6
Q3404-04	MOO-25-0292	SVOC-TCL BNA -20	30.03	N/A	Evelyn	RUPESH	1	E	Small Particles	U1-1
Q3405-01	PAD-10-20-25-A	SVOC-PAH	50.05	N/A	Evelyn	RUPESH	1	B	Concrete	2
Q3405-02	PAD-10-20-25-B	SVOC-PAH	50.08	N/A	Evelyn	RUPESH	1	B	Concrete	3
Q3405-03	PAD-10-20-25-C	SVOC-PAH	50.01	N/A	Evelyn	RUPESH	1	B	Concrete	4
Q3405-04	SW-10-20-25-A	SVOC-PAH	50.04	N/A	Evelyn	RUPESH	1	B	Concrete	5
Q3406-01	ARS20-0037	SVOC-TCL BNA -20	50.07	N/A	Evelyn	RUPESH	1	E		6
Q3409-01	EXCAVATION-AREA-A	SVOC-PAH	50.02	N/A	Evelyn	RUPESH	1	B		U3-1
Q3409-02	EXCAVATION-AREA-B	SVOC-PAH	50.05	N/A	Evelyn	RUPESH	1	B		2
Q3412-01	TP-6	SVOC-TCL BNA -20	50.08	N/A	Evelyn	RUPESH	1	E		3
Q3416-01	NB-08-10212025	SVOC-TCL BNA -20	50.04	N/A	Evelyn	RUPESH	1	E		4

RS 10/22

* **Extracts relinguished on the same date as received.**

Q3399-SVOC-TCL BNA -20

10/22/06 9:50

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3412 **WorkList ID :** 192609 **Department :** Extraction **Date :** 10-22-2025 09:14:09

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3399-01	COMP-ROLLOFF	Solid	SVOC-TCL BNA -20	Cool 4 deg C	ICES02	D41	10/20/2025	8270E
Q3404-01	MOO-25-0285-0288	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	10/20/2025	8270E
Q3404-04	MOO-25-0292	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	10/20/2025	8270E
Q3405-01	PAD-10-20-25-A	Solid	SVOC-PAH	Cool 4 deg C	PSEG03	D31	10/20/2025	8270E
Q3405-02	PAD-10-20-25-B	Solid	SVOC-PAH	Cool 4 deg C	PSEG03	D31	10/20/2025	8270E
Q3405-03	PAD-10-20-25-C	Solid	SVOC-PAH	Cool 4 deg C	PSEG03	D31	10/20/2025	8270E
Q3405-04	SW-10-20-25-A	Solid	SVOC-PAH	Cool 4 deg C	PSEG03	D31	10/20/2025	8270E
Q3406-01	ARS20-0037	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	10/20/2025	8270E
Q3409-01	EXCAVATION-AREA-A	Solid	SVOC-PAH	Cool 4 deg C	PSEG03	D41	10/20/2025	8270E
Q3409-02	EXCAVATION-AREA-B	Solid	SVOC-PAH	Cool 4 deg C	PSEG03	D41	10/20/2025	8270E
Q3412-01	TP-6	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	10/20/2025	8270E
Q3416-01	NB-08-10212025	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	D31	10/21/2025	8270E

Date/Time 10/22/25 9:50
Raw Sample Received by: RS (Ext lab)
Raw Sample Relinquished by: [illegible] SM

Date/Time 10/22/25 10:20
Raw Sample Received by: [illegible] SM
Raw Sample Relinquished by: RS (Ext lab)

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Prep Standard - Chemical Standard Summary

Order ID : Q3399

Test : SVOC-TCL BNA -20

Prepbatch ID : PB170206,

Sequence ID/Qc Batch ID: BF102225,BF102425,BF102425,BF102725,BG102425,BG110325,BP102225,

Standard ID :
EP2641,EP2652,SP6832,SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840,SP6856,SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864,SP6865,SP6869,SP6871,SP6872,SP6875,

Chemical ID :
10ul/1000ul sample,E3875,E3932,E3942,E3951,E3954,E3965,E3972,E3973,E3980,S10105,S11073,S11484,S11496,S11652,S11807,S11808,S12115,S12197,S12199,S12200,S12201,S12220,S12221,S12245,S12272,S12277,S12278,S12306,S12307,S12507,S12508,S12552,S12553,S12554,S12555,S12556,S12557,S12558,S12559,S12560,S12577,S12670,S12739,S12776,S12903,S12904,S12905,S13057,S13078,S13089,S13090,S13091,S13092,S13093,S13094,S13095,S13096,S13097,S13118,S13119,S13120,S13149,S13160,S13170,S13175,S13179,S13180,S13181,S13207,S13208,S13209,S13210,S13211,S13214,S13233,S13239,S13240,S13241,S13242,S13243,S13244,S13269,

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Extractions STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
2017	1:1 ACETONE/METHYLENE CHLORIDE	EP2641	09/16/2025	03/16/2026	Evelyn Huang	None	None	Riteshkumar Patel 09/16/2025

FROM 8000.00000ml of E3972 + 8000.00000ml of E3973 = Final Quantity: 16000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3923	Baked Sodium Sulfate	EP2652	10/10/2025	01/28/2026	Evelyn Huang	Extraction_SCALE_2 (EX-SC-2)	None	Riteshkumar Patel 10/10/2025

FROM 4000.00000gram of E3875 = Final Quantity: 4000.000 gram

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4178	8270/625.1 Stock Solution-2 100 ng	SP6832	06/19/2025	10/28/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/21/2025

FROM 0.20000ml of S13211 + 0.26700ml of S10105 + 0.40000ml of S11496 + 0.40000ml of S12278 + 0.50000ml of S12115 + 0.50000ml of S13209 + 0.50000ml of S13210 + 0.60000ml of S12277 + 1.00000ml of S12272 + 1.00000ml of S13057 + 1.00000ml of S13078 + 1.00000ml of S13208 + 2.63300ml of E3942 = Final Quantity: 10.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4179	80 ng BNA ICC	SP6833	06/19/2025	10/28/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/21/2025

FROM 0.01000ml of S12670 + 0.20000ml of E3942 + 0.80000ml of SP6832 = Final Quantity: 1.010 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4180	60 ng BNA ICC	SP6834	06/19/2025	10/28/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/21/2025

FROM 0.01000ml of S12670 + 0.40000ml of E3942 + 0.60000ml of SP6832 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4181	50 ng BNA ICC	SP6835	06/19/2025	10/28/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/21/2025

FROM 0.01000ml of S12670 + 0.50000ml of E3942 + 0.50000ml of SP6832 = Final Quantity: 1.010 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4182	40 ng BNA ICC	SP6836	06/19/2025	10/28/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/21/2025

FROM 0.01000ml of S12670 + 0.60000ml of E3942 + 0.40000ml of SP6832 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4183	20 ng BNA ICC	SP6837	06/19/2025	10/28/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/21/2025

FROM 0.01000ml of S12670 + 0.80000ml of E3942 + 0.20000ml of SP6832 = Final Quantity: 1.010 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4184	10 ng BNA ICC	SP6838	06/19/2025	10/28/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/21/2025

FROM 0.01000ml of S12670 + 0.90000ml of E3942 + 0.10000ml of SP6832 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4185	5 ng BNA ICC	SP6839	06/19/2025	10/28/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/21/2025

FROM 0.01000ml of S12670 + 0.95000ml of E3942 + 0.05000ml of SP6832 = Final Quantity: 1.010 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4186	2.5 ng BNA ICC	SP6840	06/19/2025	10/28/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/21/2025

FROM 0.01000ml of S12670 + 0.50000ml of E3942 + 0.50000ml of SP6839 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4215	New 8270E/625.1 ICAL Stock Solution 100 ng	SP6856	08/12/2025	12/16/2025	Jagrut Upadhyay	None	None	mohammad ahmed 08/22/2025

FROM 0.04000ml of S13207 + 0.20000ml of S12197 + 0.30000ml of S12306 + 0.40000ml of S12220 + 0.50000ml of S11807 + 0.50000ml of S12245 + 0.50000ml of S12776 + 0.50000ml of S13214 + 0.50000ml of S13233 + 0.70000ml of S12307 + 1.00000ml of S12739 + 4.86000ml of E3954 = Final Quantity: 10.000 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4216	80ng ICC	SP6857	08/12/2025	12/16/2025	Jagrut Upadhyay	None	None	mohammad ahmed 08/22/2025

FROM 0.01000ml of S13170 + 0.20000ml of E3954 + 0.80000ml of SP6856 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4217	60ng ICC	SP6858	08/12/2025	12/16/2025	Jagrut Upadhyay	None	None	mohammad ahmed 08/22/2025

FROM 0.01000ml of S13170 + 0.40000ml of E3954 + 0.60000ml of SP6856 = Final Quantity: 1.010 ml

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Fax : 908 789 8922

SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4218	50ng ICC	SP6859	08/12/2025	12/16/2025	Jagrut Upadhyay	None	None	mohammad ahmed 08/22/2025

FROM 0.01000ml of S13170 + 0.50000ml of E3954 + 0.50000ml of SP6856 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4219	40ng ICC	SP6860	08/12/2025	12/16/2025	Jagrut Upadhyay	None	None	mohammad ahmed 08/22/2025

FROM 0.01000ml of S13170 + 0.60000ml of E3954 + 0.40000ml of SP6856 = Final Quantity: 1.010 ml

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Fax : 908 789 8922

SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4220	20ng ICC	SP6861	08/12/2025	12/16/2025	Jagrut Upadhyay	None	None	mohammad ahmed 08/22/2025

FROM 0.01000ml of S13170 + 0.80000ml of E3954 + 0.20000ml of SP6856 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4221	10ng ICC	SP6862	08/12/2025	12/16/2025	Jagrut Upadhyay	None	None	mohammad ahmed 08/22/2025

FROM 0.01000ml of S13170 + 0.75000ml of E3954 + 0.25000ml of SP6860 = Final Quantity: 1.010 ml

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Fax : 908 789 8922

SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4222	5ng ICC	SP6863	08/12/2025	12/16/2025	Jagrut Upadhyay	None	None	mohammad ahmed 08/22/2025

FROM 0.01000ml of S13170 + 0.87500ml of E3954 + 0.12500ml of SP6860 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4223	2.5ng ICC	SP6864	08/12/2025	12/16/2025	Jagrut Upadhyay	None	None	mohammad ahmed 08/22/2025

FROM 0.01000ml of S13170 + 0.50000ml of E3954 + 0.50000ml of SP6863 = Final Quantity: 1.010 ml

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Fax : 908 789 8922

SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
171	8270/625 Spike Solution, 50/100 PPM	SP6865	08/25/2025	10/30/2025	Jagrut Upadhyay	None	None	Rahul Chavli 08/26/2025

FROM 0.40000ml of S11484 + 0.40000ml of S11652 + 0.40000ml of S12552 + 0.40000ml of S13149 + 0.40000ml of S13160 + 0.40000ml of S13207 + 0.90000ml of S12507 + 0.90000ml of S13089 + 1.10000ml of S13120 + 1.20000ml of S12553 + 1.20000ml of S12554 + 1.20000ml of S12555 + 1.20000ml of S12556 + 1.20000ml of S12557 + 1.20000ml of S12558 + 1.20000ml of S12559 + 1.20000ml of S13269 + 1.30000ml of S11808 + 1.30000ml of S12508 + 1.30000ml of S13090 + 1.30000ml of S13091 + 1.30000ml of S13092 + 1.30000ml of S13093 + 1.30000ml of S13094 + 1.30000ml of S13095 + 1.30000ml of S13096 + 1.30000ml of S13118 + 1.30000ml of S13119 + 1.30000ml of S13239 + 1.30000ml of S13240 + 1.30000ml of S13241 + 1.30000ml of S13242 + 1.30000ml of S13243 + 1.30000ml of S13244 + 163.00000ml of E3932 = Final Quantity: 200.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
19	8270/CLP Surrogate Solution, 100 PPM BN/150 PPM ACID	SP6869	09/10/2025	01/02/2026	Jagrut Upadhyay	None	None	Rahul Chavli 09/16/2025

FROM 3.00000ml of S12197 + 3.00000ml of S12220 + 5.60000ml of S12221 + 5.60000ml of S12903 + 5.80000ml of S12904 + 6.00000ml of S12199 + 6.00000ml of S12200 + 965.00000ml of E3965 = Final Quantity: 1000.000 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
18	Second Source Calibration Stock Standard, 100 PPM, (8270/625/CLP)	SP6871	09/22/2025	11/16/2025	Jagrut Upadhyay	None	None	Yogesh Patel 09/27/2025

FROM 0.04000ml of S12201 + 0.08000ml of S12905 + 0.10000ml of S11073 + 0.20000ml of S12560 + 0.20000ml of S13097 + 0.20000ml of S13244 + 1.18000ml of E3973 = Final Quantity: 2.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
416	40 ng BNA ICV, 40 PPM	SP6872	09/22/2025	11/16/2025	Jagrut Upadhyay	None	None	Yogesh Patel 09/27/2025

FROM 0.01000ml of S13175 + 0.60000ml of E3973 + 0.40000ml of SP6871 = Final Quantity: 1.010 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3895	50 ug/ml DFTPP 8270E	SP6875	09/30/2025	03/30/2026	Rahul Chavli	None	None	Jagrut Upadhyay 09/30/2025

FROM 1.00000ml of S12577 + 19.00000ml of E3973 = Final Quantity: 20.000 ml

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	PC19631-100 / SODIUM SULFATE, ANHYDROUS, PEST GRADE, 1	417203	07/28/2026	07/28/2025 / RUPESH	01/29/2025 / Rajesh	E3875

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H1462005	11/05/2025	05/05/2025 / RUPESH	04/23/2025 / RUPESH	E3932

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	25A2862010	12/13/2025	06/13/2025 / Rajesh	02/28/2025 / Rajesh	E3942

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-3382-05 / Sand, Purified (cs/4x2.5kg)	25A2756718	12/31/2028	07/09/2025 / RUPESH	04/28/2020 / RUPESH	E3951

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	25B1862001	03/19/2026	07/14/2025 / RUPESH	06/11/2025 / RUPESH	E3954

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H1462005	05/24/2027	08/22/2025 / RUPESH	08/20/2025 / RUPESH	E3965

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H1462005	05/24/2027	09/16/2025 / Evelyn	09/04/2025 / Riteshkumar	E3972

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	25C1262005	04/16/2026	09/15/2025 / Riteshkumar	09/15/2025 / Riteshkumar	E3973

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	25C1262005	04/16/2026	10/10/2025 / RUPESH	10/10/2025 / RUPESH	E3980

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-112090-04 / CLP Acid Surrogate Solution, 7500 mg/L, 1ml	440246	12/19/2025	06/19/2025 / Jagrut	12/09/2021 / Christian	S10105

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0187043	11/16/2025	05/16/2025 / Jagrut	02/06/2023 / Christian	S11073

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555870 / Custom Standard, 2,4-dinitrophenol Std [CS 5328-3]	A0200549	10/30/2025	04/30/2025 / Rahul	08/10/2023 / yogesh	S11484

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-110094-02 / CLP Base/Neutral Surrogate Solution, 5000 mg/L, 1ml	506889	10/28/2025	04/28/2025 / Jagrut	08/11/2023 / Yogesh	S11496

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555872 / Custom Standard, pentachlorophenol Std [CS 5328-5]	A0201728	01/30/2026	07/30/2025 / Rahul	11/09/2023 / Yogesh	S11652

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0200655	01/01/2026	07/01/2025 / Rahul	11/21/2023 / rahul	S11807

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0200655	02/25/2026	08/25/2025 / Jagrut	11/21/2023 / rahul	S11808

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	z-010223-01 / 1,4-Dioxane Solution, 2,000mg/L, 1ml	454157	10/28/2025	04/28/2025 / Jagrut	03/08/2024 / Rahul	S12115

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0206206	01/02/2026	07/02/2025 / Jagrut	03/15/2024 / Rahul	S12197

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0206206	03/10/2026	09/10/2025 / Jagrut	03/15/2024 / Rahul	S12199

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0206206	03/10/2026	09/10/2025 / Jagrut	03/15/2024 / Rahul	S12200

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0206206	03/22/2026	09/22/2025 / Jagrut	03/15/2024 / Rahul	S12201

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml	A0206381	01/02/2026	07/02/2025 / Jagrut	03/15/2024 / Rahul	S12220

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml	A0206381	03/10/2026	09/10/2025 / Jagrut	03/15/2024 / Rahul	S12221

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30409 / Pyridine, 2000 PPM in P & T Methanol	A0206650	12/16/2025	06/16/2025 / Jagrut	05/14/2024 / Rahul	S12245

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	z-110381-01 / 8270 Calibration Solution, 76-1, 500 & 1,000 mg/L, 1ml	520963	12/03/2025	06/03/2025 / Jagrut	05/24/2024 / Rahul	S12272

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-010442-07 / Benzaldehyde Solution, 1000 mg/L, 1.3 ml, (Maximum Expiration: 90 Days)	495833	11/05/2025	05/05/2025 / Jagrut	05/24/2024 / Rahul	S12277

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-010442-07 / Benzaldehyde Solution, 1000 mg/L, 1.3 ml, (Maximum Expiration: 90 Days)	495833	12/19/2025	06/19/2025 / Jagrut	05/24/2024 / Rahul	S12278

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31902 / CLP/SVOA Additions Mix (Atrazine, Benzaldehyde, Caprolactam) 1000ug/mL	A0206859	01/31/2026	08/12/2025 / Jagrut	05/30/2024 / Rahul	S12306

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31902 / CLP/SVOA Additions Mix (Atrazine, Benzaldehyde, Caprolactam) 1000ug/mL	A0206859	01/31/2026	08/12/2025 / Jagrut	05/30/2024 / Rahul	S12307

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12507

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	02/25/2026	08/25/2025 / Jagrut	07/23/2024 / RAHUL	S12508

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12552

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	02/25/2026	08/25/2025 / Jagrut	07/23/2024 / RAHUL	S12553

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	02/25/2026	08/25/2025 / Jagrut	07/23/2024 / RAHUL	S12554

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	02/25/2026	08/25/2025 / Jagrut	07/23/2024 / RAHUL	S12555

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	02/25/2026	08/25/2025 / Jagrut	07/23/2024 / RAHUL	S12556

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	02/25/2026	08/25/2025 / Jagrut	07/23/2024 / RAHUL	S12557

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	02/25/2026	08/25/2025 / Jagrut	07/23/2024 / RAHUL	S12558

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	02/25/2026	08/25/2025 / Jagrut	07/23/2024 / RAHUL	S12559

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	03/22/2026	09/22/2025 / Jagrut	07/23/2024 / RAHUL	S12560

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31615 / SV Mixture, GC/MS Tuning Mixture, CH2Cl2, 1mL,	A0212955	06/30/2027	03/31/2025 / Rahul	08/01/2024 / Rahul	S12577

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH2Cl2, 1mL	A0212266	12/16/2025	06/16/2025 / anahy	09/20/2024 / anahy	S12670

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31900 / SOM01.1 Mega Mix, 500-1000 ug/ml	A0215529	02/12/2026	08/12/2025 / Jagrut	10/08/2024 / anahy	S12739

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	90494 / 1-Methylnaphthalene, 2000 ug/mL, in methylene chloride	061323	02/12/2026	08/12/2025 / Jagrut	11/08/2024 / anahy	S12776

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml	A0216785	03/10/2026	09/10/2025 / Jagrut	12/09/2024 / anahy	S12903

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml	A0216785	03/10/2026	09/10/2025 / Jagrut	12/09/2024 / anahy	S12904

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml	A0216785	03/22/2026	09/22/2025 / Jagrut	12/09/2024 / anahy	S12905

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-110816-01 / Custom 8270 Mix, 4-79, 1000 mg/L, 1 mL, (Maximum Expiration: 180 Days)	531243	12/19/2025	06/19/2025 / Jagrut	01/16/2025 / anahy	S13057

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-010074-07 / 3,3'-Dichlorobenzidine Solution, 1,000 mg/L, 1 ml, (Maximum Expiration: 180 days)	525551	11/05/2025	05/05/2025 / Jagrut	03/10/2025 / anahy	S13078

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0221014	11/30/2025	07/01/2025 / Rahul	05/20/2025 / Rahul	S13089

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0221014	11/30/2025	08/25/2025 / Jagrut	05/20/2025 / Rahul	S13090

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0221014	11/30/2025	08/25/2025 / Jagrut	05/20/2025 / Rahul	S13091

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0221014	11/30/2025	08/25/2025 / Jagrut	05/20/2025 / Rahul	S13092

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0221014	11/30/2025	08/25/2025 / Jagrut	05/20/2025 / Rahul	S13093

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0221014	11/30/2025	08/25/2025 / Jagrut	05/20/2025 / Rahul	S13094

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0221014	11/30/2025	08/25/2025 / Jagrut	05/20/2025 / Rahul	S13095

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0221014	11/30/2025	08/25/2025 / Jagrut	05/20/2025 / Rahul	S13096

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0221014	11/30/2025	09/03/2025 / Jagrut	05/20/2025 / Rahul	S13097

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0218894	02/25/2026	08/25/2025 / Jagrut	05/20/2025 / Rahul	S13118

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0218894	02/25/2026	08/25/2025 / Jagrut	05/20/2025 / Rahul	S13119

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0218894	02/25/2026	08/25/2025 / Jagrut	05/20/2025 / Rahul	S13120

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555869 / Custom Standard, hexachlorocyclopentadiene Std [CS 5328-2]	A0201702	02/25/2026	08/25/2025 / Jagrut	11/13/2023 / Rahul	S13149

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555871 / Custom Standard, 4-nitrophenol Std [CS 5238-4]	A0226283	02/25/2026	08/25/2025 / Jagrut	06/04/2025 / Rahul	S13160

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH2Cl2, 1mL	A0224359	02/11/2026	08/11/2025 / Rahul	06/02/2025 / anahy	S13170

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH2Cl2, 1mL	A0224359	03/15/2026	09/15/2025 / rahul	06/02/2025 / anahy	S13175

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH2Cl2, 1mL	A0224359	04/17/2026	10/17/2025 / rahul	06/02/2025 / anahy	S13179

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH2Cl2, 1mL	A0224359	04/22/2026	10/22/2025 / rahul	06/02/2025 / anahy	S13180

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH2Cl2, 1mL	A0224359	04/30/2026	10/30/2025 / rahul	06/02/2025 / anahy	S13181

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555868 / Custom Standard, Benzidine Std [CS 5328-1]	A0226493	02/12/2026	08/12/2025 / Jagrut	06/11/2025 / anahy	S13207

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	70434 / Acetophenone, Single compound solution, 1000 PPM	121622	12/19/2025	06/19/2025 / Rahul	06/19/2025 / Rahul	S13208

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	91126 / Benzoic acid 2000 ug/mL	060625	12/19/2025	06/19/2025 / Rahul	06/19/2025 / Rahul	S13209

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	90495 / 1,1-Biphenyl 2000 ug/mL	042325	12/19/2025	06/19/2025 / Rahul	06/19/2025 / Rahul	S13210

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	34571 / 1,2,4,5-Tetrachlorobenzene 5000 ug/mL	092324	12/19/2025	06/19/2025 / Rahul	06/19/2025 / Rahul	S13211

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31879 / Benzoic Acid, 2000 µg/mL, Methylene Chloride, 1 mL/ampul	A0221395	02/12/2026	08/12/2025 / Jagrut	07/10/2025 / anahy	S13214

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	582978 / Custom Calibration Standard - C8 2,000µg/mL, Methylene chloride, 1mL/ampul, Chromatographic, CS-347186	A0228192	02/12/2026	08/12/2025 / Jagrut	08/01/2025 / Rahul	S13233

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0228451	02/25/2026	08/25/2025 / Jagrut	08/06/2025 / Rahul	S13239

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0228451	02/25/2026	08/25/2025 / Jagrut	08/06/2025 / Rahul	S13240

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0228451	02/25/2026	08/25/2025 / Jagrut	08/06/2025 / Rahul	S13241

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0228451	02/25/2026	08/25/2025 / Jagrut	08/06/2025 / Rahul	S13242

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0228451	02/25/2026	08/25/2025 / Jagrut	08/06/2025 / Rahul	S13243

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0228451	02/25/2026	08/25/2025 / Jagrut	08/06/2025 / Rahul	S13244

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0228494	02/25/2026	08/25/2025 / Jagrut	08/06/2025 / Rahul	S13269

CPI INTERNATIONAL

5580 Skylane Blvd
Santa Rosa, CA 95403

(707)525-5788
(800)878-7654 Toll Free
(707)545-7901 Fax

Manufacturer's Quality System
Audited & Registered
by TUV USA to ISO 9001:2015

Date Received: _____

Certificate of Analysis

Rev 0

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-112090 -04	440246	≤ -10 °C	Methylene Chloride	2/16/2026	CLP Acid Surrogate Solution, 7,500 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
2-chlorophenol-d_4	93951-73-6	99.3	248.12.7P	7487 ± 17.2
2-fluorophenol	367-12-4	99.8	10.7.3.3P	7513 ± 17.26
phenol-d6	13127-88-3	99.9	949.120.8P	7481 ± 17.19
2,4,6-tribromophenol	118-79-6	99.8	12.1.6P	7469 ± 17.17

Received on
02/25/21
by
CG

S9236
to
S9240

*Not a certified value

Manufactured by o2si smart solutions, Accredited to ISO 9001:2008 by NSF and ISO/IEC 17025:2005 (Certification No. 3031.01) and ISO Guide 34:2009 (Certification No. 3031.02) by A2LA

Certified By: Erica Castiglione
Erica Castiglione
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

RESTEK®
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Received on 02/06/23 by CG

S11071 to S11075

Catalog No. : 31853 **Lot No.:** A0187043

Description : 1,4-dioxane

1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	1,4-Dioxane	2,019.0 µg/mL	+/- 11.8486	µg/mL	Gravimetric
	CAS # 123-91-1 (Lot SHBN5929)		+/- 43.2570	µg/mL	Unstressed
	Purity 99%		+/- 44.5129	µg/mL	Stressed

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

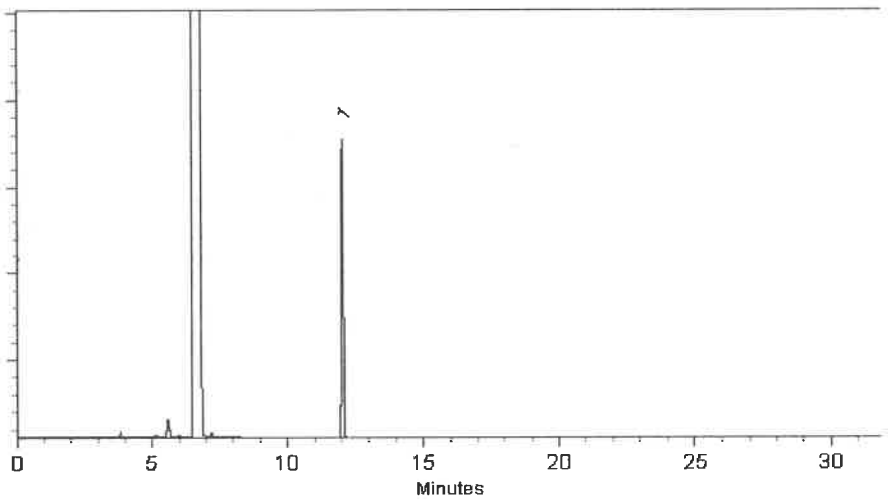
Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Brittany Federinko - Operations Tech I

Date Mixed: 07-Jul-2022 **Balance:** 1128360905

Marlina Cowan – Operations Tech II ARM QC

Date Passed: 12-Jul-2022

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9254-03
Batch No.: 24H1462005
Manufactured Date: 2024-05-24
Expiration Date:2027-05-24
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	99.8 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.2 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.2
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	0.2 %
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

Rec on 8/20/25

E3965

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

PRODUCTOS QUIMICOS MONTERREY, S.A. DE C.V.

MIRADOR 201, COL. MIRADOR
MONTERREY, N.L. MÉXICO
CP 64070
TEL +52 81 13 52 57 57
www.pqm.com.mx

CERTIFICATE OF ANALYSIS

PRODUCT :	SODIUM SULFATE CRYSTALS ANHYDROUS		
QUALITY :	ACS (CODE **RMB3375**)	FORMULA :	Na_2SO_4
SPECIFICATION NUMBER:	6399	RELEASE DATE:	MAY/23/2024
LOT NUMBER :	417203		

TEST	SPECIFICATIONS	LOT VALUES
Assay (Na_2SO_4)	Min. 99.0%	99.8 %
pH of a 5% solution at 25°C	5.2 - 9.2	6.2
Insoluble matter	Max. 0.01%	0.001 %
Loss on ignition	Max. 0.5%	0.1 %
Chloride (Cl)	Max. 0.001%	<0.001 %
Nitrogen compounds (as N)	Max. 5 ppm	<5 ppm
Phosphate (PO_4)	Max. 0.001%	<0.001 %
Heavy metals (as Pb)	Max. 5 ppm	<5 ppm
Iron (Fe)	Max. 0.001%	<0.001 %
Calcium (Ca)	Max. 0.01%	0.001 %
Magnesium (Mg)	Max. 0.005%	0.001 %
Potassium (K)	Max. 0.008%	0.001 %
Extraction-concentration suitability	Passes test	Passes test
Appearance	Passes test	Passes test
Identification	Passes test	Passes test
Solubility and foreing matter	Passes test	Passes test
Retained on US Standard No. 10 sieve	Max. 1%	0.2 %
Retained on US Standard No. 60 sieve	Min. 94%	96.2 %
Through US Standard No. 60 sieve	Max. 5%	3.5 %
Through US Standard No. 100 sieve	Max. 10%	0.1 %

COMMENTS

QC: PhC Irma Belmares

If you need further details, please call our factory or contact our local distributor.

RE-02-01, Ed. 3

E 3875

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9254-03
Batch No.: 24H1462005
Manufactured Date: 2024-05-24
Expiration Date:2027-05-24
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	99.8 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.2 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.2
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	0.2 %
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD RS

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E 3932

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)

avantor™ | J.T.Baker

Material No.: 9266-A4
Batch No.: 25A2862010
Manufactured Date: 2024-12-18
Expiration Date:2026-03-19
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	2
Assay (CH_2Cl_2) (by GC, exclusive of preservative, corrected for water)	>= 99.8 %	99.9 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.3 ppm
Titrable Acid (µeq/g)	<= 0.3	<0.1
Chloride (Cl)	<= 10 ppm	<5 ppm
Water (by KF, coulometric)	<= 0.02 %	<0.01 %

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E3942

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

VWR® BDH® CHEMICALS

Certificate of Analysis

Material	BDH9274-2.5KG
Material Description	BDH SAND STDD OTTAWA W+I 2.5KG
Grade	NOT APPLICABLE
Batch	25A2756718
Reassay Date	12/31/2028
CAS Number	14808-60-7
Molecular Formula	SiO2
Molecular Mass	60.09
Date of Manufacture	12/05/2024
Storage	Room Temperature

Characteristics	Specifications	Measured Values
Appearance	Beige granules.	Beige granules.
Moisture	<= 0.1 %	0.1 %
Particle Size 30-40 mesh	>= 80 %	99 %
CUSTOMER PART # BDH9274-2.5KG		

Received on 7/9/25.

E3951

Internal ID #: 793

Signature	Additional Information
We certify that this batch conforms to the specifications listed above.	Analysis may have been rounded to significant digits in specification limits
This document has been electronically produced and is valid without a signature.	Product meets analytical specifications of the grades listed.
Leona Edwardson, Quality Control Sr. Manager - Solon VWR Chemicals, LLC. 28600 Fountain Parkway, Solon OH 44139 USA	

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)

avantor™ | J.T.Baker

Material No.: 9266-A4
Batch No.: 25B1862001
Manufactured Date: 2024-12-18
Expiration Date:2026-03-19
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	2
Assay (CH_2Cl_2) (by GC, exclusive of preservative, corrected for water)	>= 99.8 %	99.9 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.3 ppm
Titrable Acid (µeq/g)	<= 0.3	<0.1
Chloride (Cl)	<= 10 ppm	<5 ppm
Water (by KF, coulometric)	<= 0.02 %	<0.01 %

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

RS 7/14/25

E3954

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9254-03
Batch No.: 24H1462005
Manufactured Date: 2024-05-24
Expiration Date:2027-05-24
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	99.8 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.2 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.2
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	0.2 %
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E3972

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials LLC

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)

avantor | J.T.Baker

Material No.: 9266-A4
Batch No.: 25C1262005
Manufactured Date: 2025-01-15
Expiration Date:2026-04-16
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	1
Assay (CH_2Cl_2) (by GC, exclusive of preservative, corrected for water)	>= 99.8 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.1 ppm
Titrable Acid (µeq/g)	<= 0.3	<0.1
Chloride (Cl)	<= 10 ppm	<5 ppm
Water (by KF, coulometric)	<= 0.02 %	<0.01 %

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

Rec. on 6/10/25 RJ

E3980

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials,LLC
100 Matsonford Rd, Suite 200,Radnor,PA,19087.U.S.A.Phone 610.386.1700

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555870 **Lot No.:** A0200549

Description : Custom 2,4-Dinitrophenol Standard

Custom 2,4-Dinitrophenol Standard 25,000µg/mL, Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2026 **Storage:** 10°C or colder

Ship: Ambient

S11484 ↓ S11493 Y.P. 08/10/23

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4-Dinitrophenol	51-28-5	DR230417RSR	99%	25,008.0 µg/mL	+/- 777.3323

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Tom Suckar - Mix Technician **Date Mixed:** 02-Aug-2023 **Balance:** 1128342314

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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Audited & Registered
by TUV USA to ISO 9001:2015

Date Received:_____

Certificate of Analysis

Rev 0 **Page 1 of 1**

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-110094-02	506889	≤ -10 °C	Methylene Chloride	7/25/2028	CLP Base/Neutral Surrogate Solution, 5,000 mg/L, 1 ml

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
1,2-dichlorobenzene-d_4	2199-69-1	99.7	247.29.3P	5035 ± 28.02
2-fluorobiphenyl	321-60-8	99.69	8.286.1.1P	4999 ± 103.66
nitrobenzene-d5	4165-60-0	99.67	7.9.3P	4988 ± 27.32
p-terphenyl-d14	1718-51-0	99.3	9.120.8P	5005 ± 27.85

511494 to 511498 } Y.P. 08/11/2023

*Not a certified value

Certified By: _____

Clint Tipton
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555872 **Lot No.:** A0201728

Description : Custom Pentachlorophenol Standard

Custom Pentachlorophenol Standard 25,000µg/mL, Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2026 **Storage:** 10°C or colder

Ship: Ambient

511649 ↓ 511658 Y.P. 11/13/23

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pentachlorophenol	87-86-5	RP230530RSR	99%	25,000.0 µg/mL	+/- 777.0837

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Josh McCloskey - Operations Technician I

Date Mixed: 05-Sep-2023 **Balance:** B251644995

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31853 **Lot No.:** A0200655

Description : 1,4-dioxane

1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2028 **Storage:** 0°C or colder

Ship: Ambient

S11795 ↓ S11808 RC 11/30/23

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dioxane	123-91-1	SHBQ1693	99%	2,007.0 µg/mL	+/- 24.9775

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

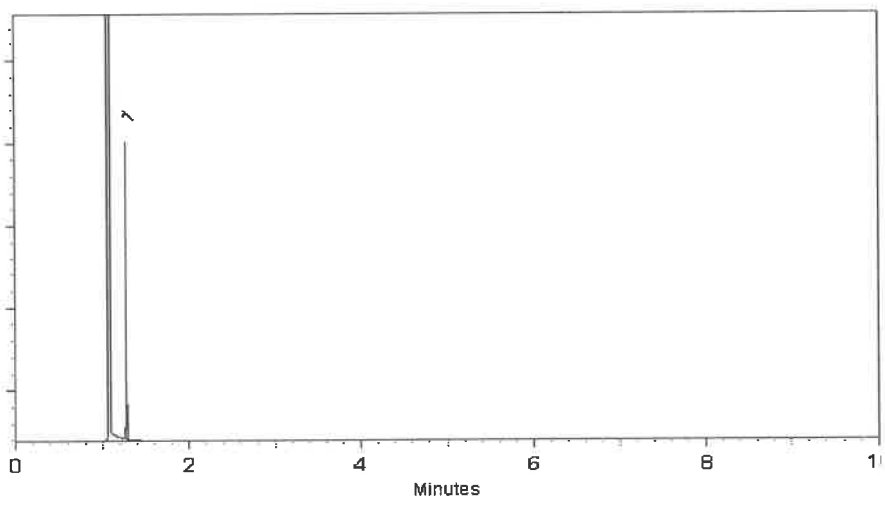
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

Date Mixed: 06-Aug-2023 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 08-Aug-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

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ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31853 **Lot No.:** A0200655

Description : 1,4-dioxane

1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2028 **Storage:** 0°C or colder

Ship: Ambient

S11795 ↓ S11808 RC 11/30/23

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dioxane	123-91-1	SHBQ1693	99%	2,007.0 µg/mL	+/- 24.9775

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

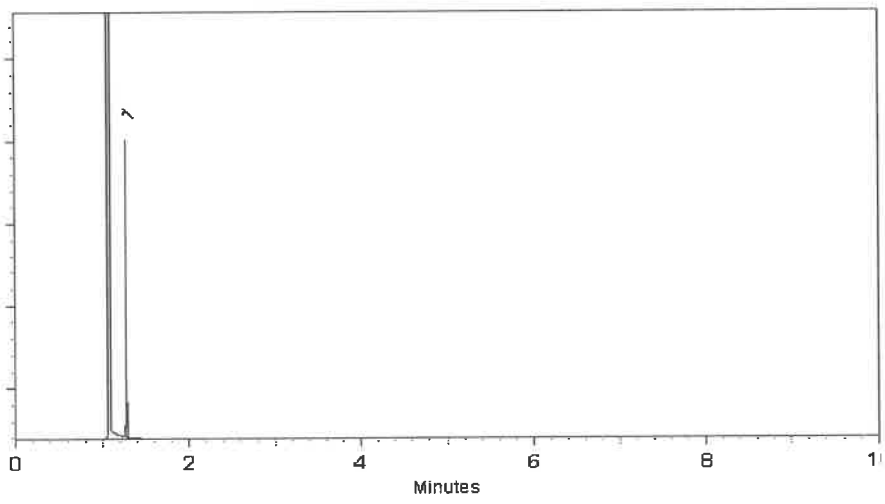
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

Date Mixed: 06-Aug-2023 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 08-Aug-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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Rev 0

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-020223-01	454157	≤ -10 °C	P/T Methanol	6/10/2026	1,4-Dioxane Solution, 2000 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
1,4-dioxane	123-91-1	100	223.1.3P	1997 ± 57.08

S12112 ↓ S12116 } RC/ 03/08/24

*Not a certified value

Certified By: Melissa Workoff

Melissa Workoff
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31087 **Lot No.:** A0206206

Description : Acid Surrogate Mix (4/89 SOW)

Acid Surrogate 10, 000µg/mL, Methanol, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : January 31, 2032 **Storage:** 10°C or colder

Ship: Ambient

S12187 ↓ S12206 } RC/ 03/18/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Fluorophenol	367-12-4	STBK1705	99%	10,005.3 µg/mL	+/- 302.5390
2	Phenol-d6	13127-88-3	PR-33287A	99%	10,005.5 µg/mL	+/- 302.5475
3	2,4,6-Tribromophenol	118-79-6	RP230831RSR	99%	10,006.6 µg/mL	+/- 302.5783

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

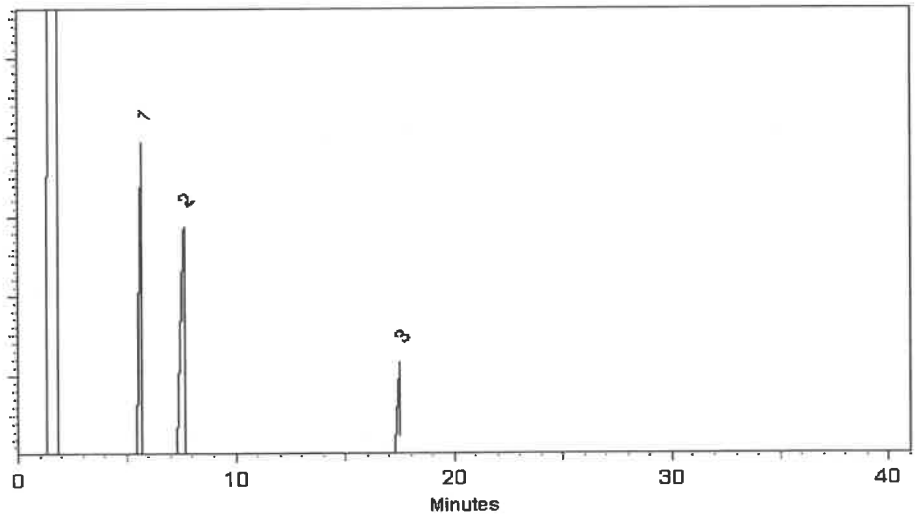
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

Date Mixed: 04-Jan-2024 **Balance Serial #** 1128360905

Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 08-Jan-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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CERTIFIED REFERENCE MATERIAL

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ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

Certificate of Analysis

chromatographic plus

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31087 **Lot No.:** A0206206

S12187 ↓ S12206 } RC/ 03/18/24

Description : Acid Surrogate Mix (4/89 SOW)

Acid Surrogate 10, 000µg/mL, Methanol, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : January 31, 2032 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Fluorophenol	367-12-4	STBK1705	99%	10,005.3 µg/mL	+/- 302.5390
2	Phenol-d6	13127-88-3	PR-33287A	99%	10,005.5 µg/mL	+/- 302.5475
3	2,4,6-Tribromophenol	118-79-6	RP230831RSR	99%	10,006.6 µg/mL	+/- 302.5783

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

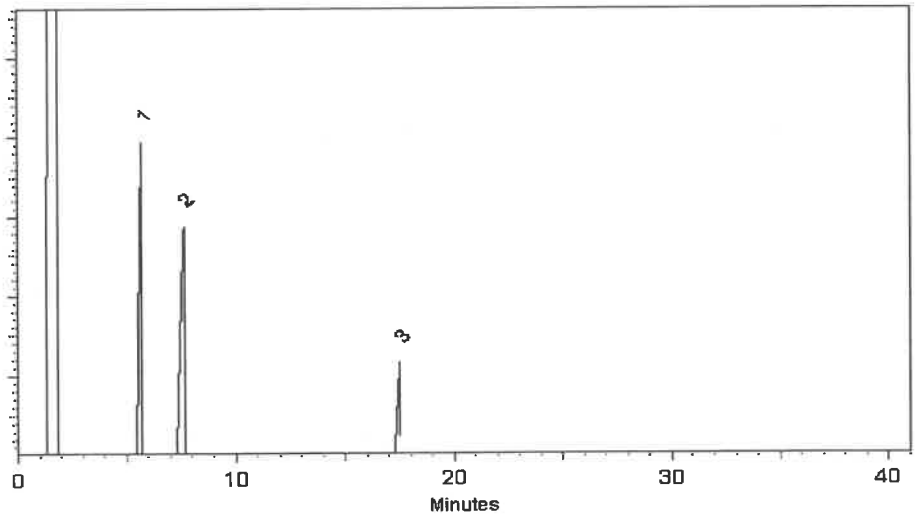
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

Date Mixed: 04-Jan-2024 **Balance Serial #** 1128360905

Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 08-Jan-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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CERTIFIED REFERENCE MATERIAL

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

Certificate of Analysis

chromatographic plus

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31087 **Lot No.:** A0206206

S12187 ↓ S12206 } RC/ 03/18/24

Description : Acid Surrogate Mix (4/89 SOW)

Acid Surrogate 10, 000µg/mL, Methanol, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : January 31, 2032 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Fluorophenol	367-12-4	STBK1705	99%	10,005.3 µg/mL	+/- 302.5390
2	Phenol-d6	13127-88-3	PR-33287A	99%	10,005.5 µg/mL	+/- 302.5475
3	2,4,6-Tribromophenol	118-79-6	RP230831RSR	99%	10,006.6 µg/mL	+/- 302.5783

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

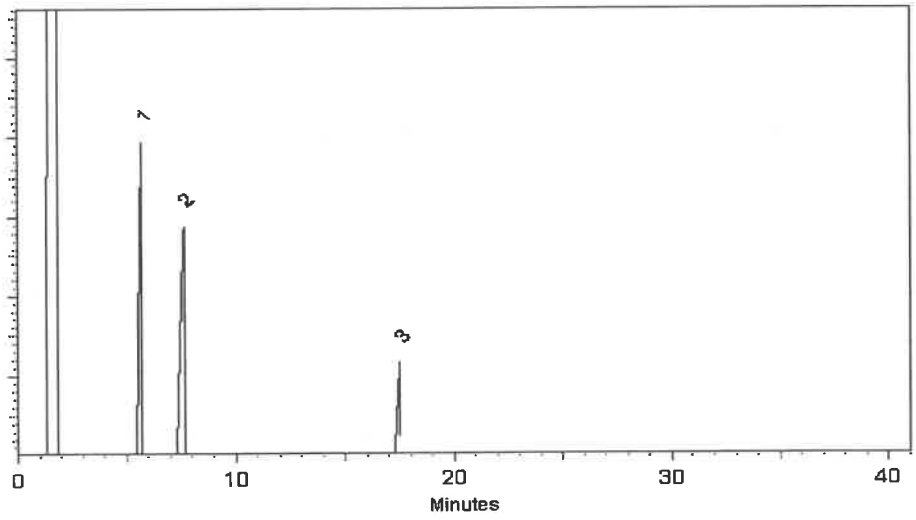
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

Date Mixed: 04-Jan-2024 **Balance Serial #** 1128360905

Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 08-Jan-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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CERTIFIED REFERENCE MATERIAL

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Certificate of Analysis

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31087 **Lot No.:** A0206206

S12187 ↓ S12206 } RC/ 03/18/24

Description : Acid Surrogate Mix (4/89 SOW)

Acid Surrogate 10, 000µg/mL, Methanol, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : January 31, 2032 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Fluorophenol	367-12-4	STBK1705	99%	10,005.3 µg/mL	+/- 302.5390
2	Phenol-d6	13127-88-3	PR-33287A	99%	10,005.5 µg/mL	+/- 302.5475
3	2,4,6-Tribromophenol	118-79-6	RP230831RSR	99%	10,006.6 µg/mL	+/- 302.5783

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

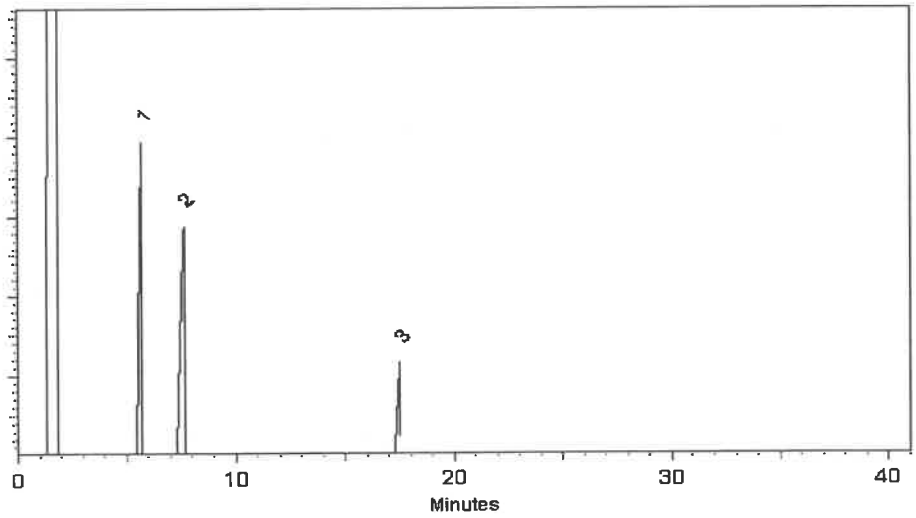
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

Date Mixed: 04-Jan-2024 **Balance Serial #** 1128360905

Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 08-Jan-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31086 **Lot No.:** A0206381

Description : B/N Surrogate Mix (4/89 SOW)

Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul

S12207 ↓ S12221 RC/ 03/18/24

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : December 31, 2029 **Storage:** 10°C or colder

Handling: Sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Nitrobenzene-d5	4165-60-0	I-25158	99%	5,029.3 µg/mL	+/- 226.5204
2	2-Fluorobiphenyl	321-60-8	00021384	99%	5,030.9 µg/mL	+/- 226.5936
3	p-Terphenyl-d14	1718-51-0	PR-32599	99%	5,026.4 µg/mL	+/- 226.3909

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:
Due to the limited solubility of p-terphenyl-d14 in methanol, we do not recommend that this mixture be diluted in methanol.

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

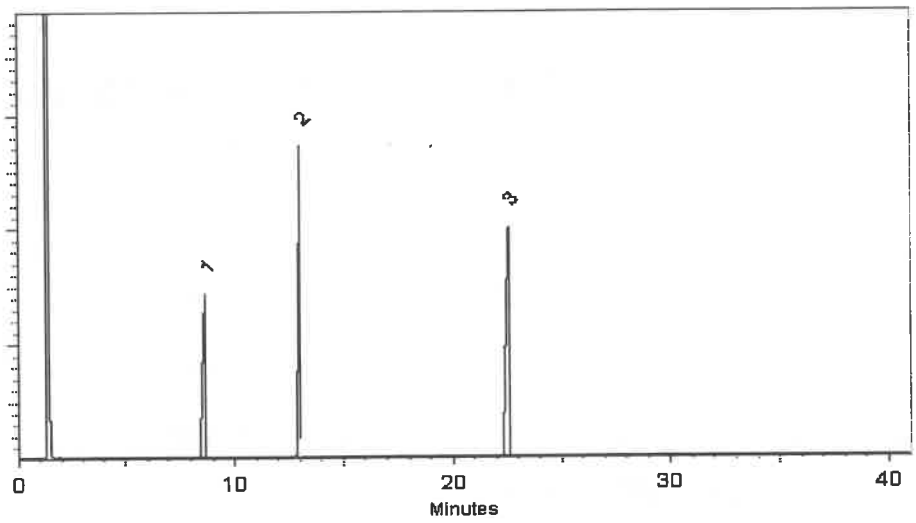
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Jess Hoy - Operations Tech I

Date Mixed: 09-Jan-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 11-Jan-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31086 **Lot No.:** A0206381

Description : B/N Surrogate Mix (4/89 SOW)

Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul

S12207 ↓ S12221 RC/ 03/18/24

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : December 31, 2029 **Storage:** 10°C or colder

Handling: Sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Nitrobenzene-d5	4165-60-0	I-25158	99%	5,029.3 µg/mL	+/- 226.5204
2	2-Fluorobiphenyl	321-60-8	00021384	99%	5,030.9 µg/mL	+/- 226.5936
3	p-Terphenyl-d14	1718-51-0	PR-32599	99%	5,026.4 µg/mL	+/- 226.3909

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:
Due to the limited solubility of p-terphenyl-d14 in methanol, we do not recommend that this mixture be diluted in methanol.

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

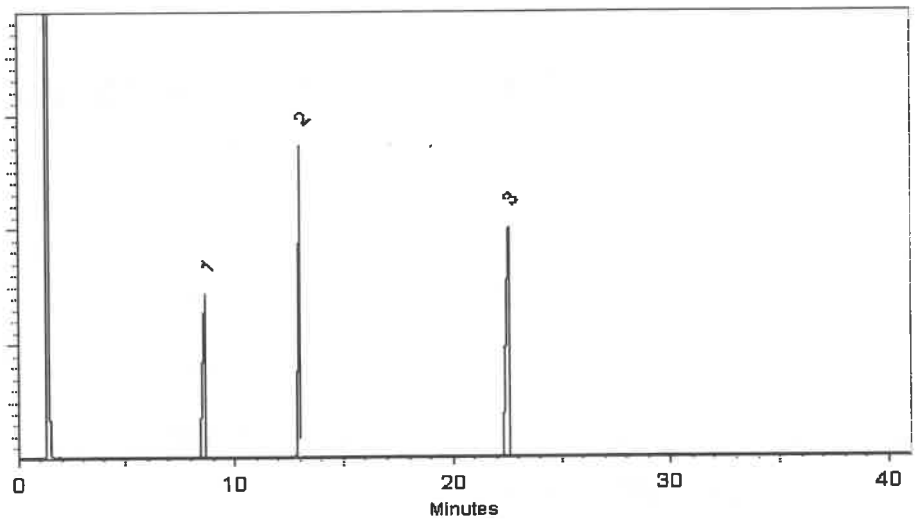
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Jess Hoy - Operations Tech I

Date Mixed: 09-Jan-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 11-Jan-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30409 **Lot No.:** A0206650

Description : Pyridine Standard

Pyridine 2000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : October 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

S12242 ↓ S12254 RC/ 5/15/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBP6240	99%	2,020.0 µg/mL	+/- 33.0924

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

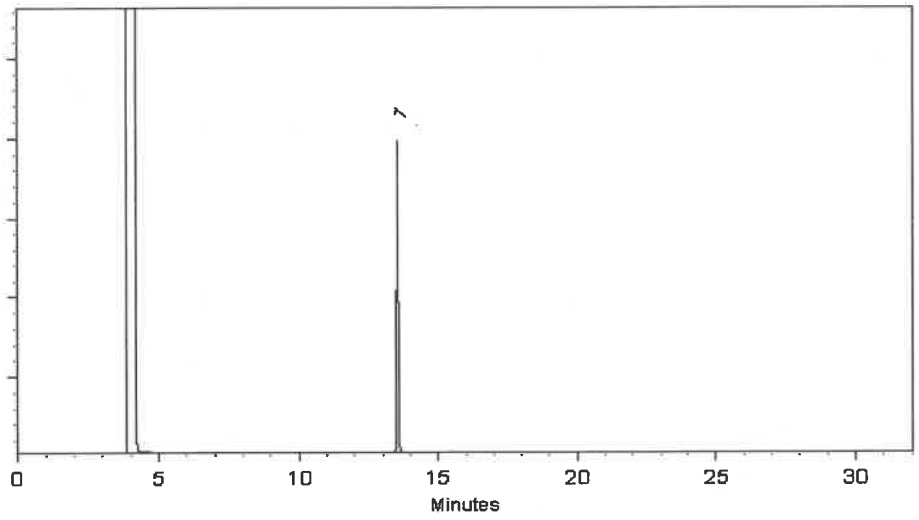
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Sam Moodler - Operations Tech I

Date Mixed: 16-Jan-2024 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 18-Jan-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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by TUV USA to ISO 9001:2015

Date Received: _____

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Rev 0

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-110381-01	520963	≤ -10 °C	Methylene Chloride	10/10/2028	Method 8270 Calibration Solution, 76-1, 500 & 1,000 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
acenaphthene	83-32-9	99.9	13.1.5P	1010 ± 9.89
acenaphthylene	208-96-8	97.6	14.290.1P	1014 ± 9.93
aniline	62-53-3	99.97	64.1.4P	1001 ± 9.8
anthracene	120-12-7	99.5	15.7.1P	999.6 ± 9.79
azobenzene	103-33-3	98.1	252.7.2P	999.1 ± 9.8
benzo[a]anthracene	56-55-3	100	16.7.3P	1007 ± 9.86
benzo[b]fluoranthene	205-99-2	99.8	17.421.3P	1011 ± 14.11
benzo[k]fluoranthene	207-08-9	98.9	18.421.4P	1001 ± 10.96
benzo[ghi]perylene	191-24-2	93	19.286.4P	999.6 ± 13.95
benzo[a]pyrene	50-32-8	97	20.286.2P	999.9 ± 22.24
benzyl alcohol	100-51-6	99.9	65.18.1P	1001 ± 9.82
bis(2-chloroethoxy)methane	111-91-1	99.1	31.3.15P	1000 ± 14.69
bis(2-chloroethyl)ether	111-44-4	99.8	32.7.1P	1003 ± 13.89
bis(2-chloro-1-methylethyl) ether	108-60-1	99.5	34.3.15P	999.4 ± 14.68
bis(2-ethylhexyl)adipate	103-23-1	99.5	874.7.1P	999.5 ± 9.8
bis(2-ethylhexyl)phthalate	117-81-7	99.4	33.29.1P	998.8 ± 17.03
4-bromophenyl phenyl ether	101-55-3	99.4	35.7.1.1P	1000 ± 13.85
butyl benzyl phthalate	85-68-7	98.4	36.1.6P	984.7 ± 16.79
carbazole	86-74-8	99.4	239.7.2P	1000 ± 9.8

S12270 ↓ S12274 } RC 05/24/24

*Not a certified value

Certified By: Kerry E Kane

Kerry Kane
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00.
Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

Certificate of Analysis

Catalog No.: Z-110381-01 **Lot No.:** 520963 **Expiration Date:** 10/10/2028

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
4-chloroaniline	106-47-8	100	66.7.1P	1000 ± 9.79
4-chlorophenylphenyl ether	7005-72-3	98	37.158.2P	1001 ± 17.07
4-chloro-3-methylphenol	59-50-7	99	102.1.2P	1006 ± 17.16
2-chloronaphthalene	91-58-7	99.9	42.7.6P	1000 ± 9.79
2-chlorophenol	95-57-8	99.8	103.7.1P	1007 ± 13.96
chrysene	218-01-9	96	21.286.2P	998.4 ± 12.85
dibenz[a,h]anthracene	53-70-3	99.44	22.286.3P	1000 ± 9.74
dibenzofuran	132-64-9	100	67.7.2.1P	1002 ± 9.77
di-n-butyl phthalate	84-74-2	99.84	40.286.1P	1007 ± 24.48
1,2-dichlorobenzene	95-50-1	99.8	43.7.1P	1000 ± 9.79
1,3-dichlorobenzene	541-73-1	99.5	44.1.3P	999.4 ± 9.79
1,4-dichlorobenzene	106-46-7	99.9	45.29.2P	1000 ± 9.79
2,4-dichlorophenol	120-83-2	99.6	104.7.1.1P	1005 ± 13.93
diethyl phthalate	84-66-2	99.8	38.7.1P	1011 ± 14
2,4-dimethylphenol	105-67-9	99.6	105.7.1.1P	1009 ± 13.98
dimethyl phthalate	131-11-3	99.9	39.9.2P	996.5 ± 13.8
1,2-dinitrobenzene	528-29-0	99.86	86.7.3.1P	999.5 ± 9.75
1,3-dinitrobenzene	99-65-0	100	313.7.2P	998 ± 9.79
1,4-dinitrobenzene	100-25-4	100	907.7.1P	999.5 ± 9.8
2,4-dinitrophenol	51-28-5	99.9	106.1.6DP	1002 ± 13.89
2,4-dinitrotoluene	121-14-2	100	87.7.3P	999.8 ± 13.85
2,6-dinitrotoluene	606-20-2	99.4	88.7.2.1P	999.6 ± 13.85
di-n-octyl phthalate	117-84-0	99.1	41.7.5P	991.6 ± 13.74
diphenylamine	122-39-4	100	78.1.6P	998 ± 13.79
2,3,5,6-tetrachlorophenol	935-95-5	97	1112.286.1P	1004 ± 14.02
fluoranthene	206-44-0	98.6	23.7.4P	999.6 ± 9.79
fluorene	86-73-7	98.4	24.7.1P	999.7 ± 9.79

*Not a certified value

Certified By: Kerry E Kane

Kerry Kane
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

Certificate of Analysis

Catalog No.: Z-110381-01 **Lot No.:** 520963 **Expiration Date:** 10/10/2028

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
hexachlorobenzene	118-74-1	99	46.158.4P	999.9 ± 13.96
hexachlorobutadiene	87-68-3	97.4	47.1.4P	1000 ± 9.79
hexachlorocyclopentadiene	77-47-4	99.2	48.2.2P	1001 ± 9.8
hexachloroethane	67-72-1	99.9	49.1.4P	1003 ± 9.82
indeno[1,2,3-cd]pyrene	193-39-5	98	25.286.4P	999.4 ± 22.23
isophorone	78-59-1	98.9	90.1.4P	999.9 ± 13.85
2-methyl-4,6-dinitrophenol	534-52-1	99.6	107.421.2DP	991 ± 24.09
1-methylnaphthalene	90-12-0	97.1	249.7.5P	999.2 ± 13.95
2-methylnaphthalene	91-57-6	97.4	68.7.2P	1006 ± 22.38
2-methylphenol	95-48-7	99.6	114.7.3P	1001 ± 13.87
3-methylphenol	108-39-4	99.1	115.7.4P	499.7 ± 6.92
4-methylphenol	106-44-5	99.5	116.7.1P	501.2 ± 6.94
naphthalene	91-20-3	99.8	26.9.1P	1018 ± 9.97
2-nitroaniline	88-74-4	99.7	69.29.1P	999.6 ± 9.79
3-nitroaniline	99-09-2	100	70.7.3P	1000 ± 9.74
4-nitroaniline	100-01-6	99.7	71.29.1P	1001 ± 9.8
nitrobenzene	98-95-3	100	94.7.1P	1000 ± 13.85
2-nitrophenol	88-75-5	99.1	108.29.1P	996.5 ± 13.81
4-nitrophenol	100-02-7	100	109.7.1P	1000 ± 13.82
N-nitrosodimethylamine	62-75-9	99.5	57.3.19P	998.5 ± 14.67
N-nitrosodi-n-propylamine	621-64-7	99.8	59.286.1P	996.8 ± 17
pentachlorophenol	87-86-5	99	110.1.7P	1004 ± 13.92
phenanthrene	85-01-8	99.7	27.1.5P	999 ± 12.87
phenol	108-95-2	100	112.7.1P	998.5 ± 13.8
pyrene	129-00-0	99.2	28.9.2P	998.9 ± 9.78
pyridine	110-86-1	100	101.24.1P	999 ± 9.73
2,3,4,6-Tetrachlorophenol	58-90-2	91.8	120.421.1P	996.5 ± 13.92

*Not a certified value

Certified By: Kerry E Kane

Kerry Kane
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

Certificate of Analysis

Catalog No.: Z-110381-01 **Lot No.:** 520963 **Expiration Date:** 10/10/2028

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
1,2,4-trichlorobenzene	120-82-1	99.6	54.29.1P	999.6 ± 9.79
2,4,5-trichlorophenol	95-95-4	96.5	121.7.1.1P	999.5 ± 13.85
2,4,6-trichlorophenol	88-06-2	99.6	113.7.1P	996 ± 13.8

*Not a certified value

Certified By: Kerry E Kane

Kerry Kane
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

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Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-010442-07	495833	≤ -10 °C	Methylene Chloride	1/16/2028	Benzaldehyde Solution, 1000 mg/L, 1.3 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
benzaldehyde	100-52-7	98.3	442.421.1P	996.8 ± 11.49

S12275 ↓ S12279 } RC/ 05/24/24

*Not a certified value

Certified By: S. Hunter

Scott Hunter
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

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Date Received: _____

Certificate of Analysis

Rev 0

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-010442-07	495833	≤ -10 °C	Methylene Chloride	1/16/2028	Benzaldehyde Solution, 1000 mg/L, 1.3 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
benzaldehyde	100-52-7	98.3	442.421.1P	996.8 ± 11.49

S12275 ↓ S12279 } RC/ 05/24/24

*Not a certified value

Certified By: S. Hunter

Scott Hunter
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31902 **Lot No.:** A0206859

Description : Additions Standard

Additions Standard 1000 µg/mL, Methylene Chloride, 1mL/ampul

S12302 ↓ S12311 RC 5/30/24

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2026 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Benzaldehyde	100-52-7	RD231129RSRA	99%	1,005.0 µg/mL	+/- 29.5419
2	epsilon-Caprolactam	105-60-2	I16X016	99%	1,008.8 µg/mL	+/- 29.6521
3	Atrazine	1912-24-9	5FYWL	99%	1,008.8 µg/mL	+/- 29.6521

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

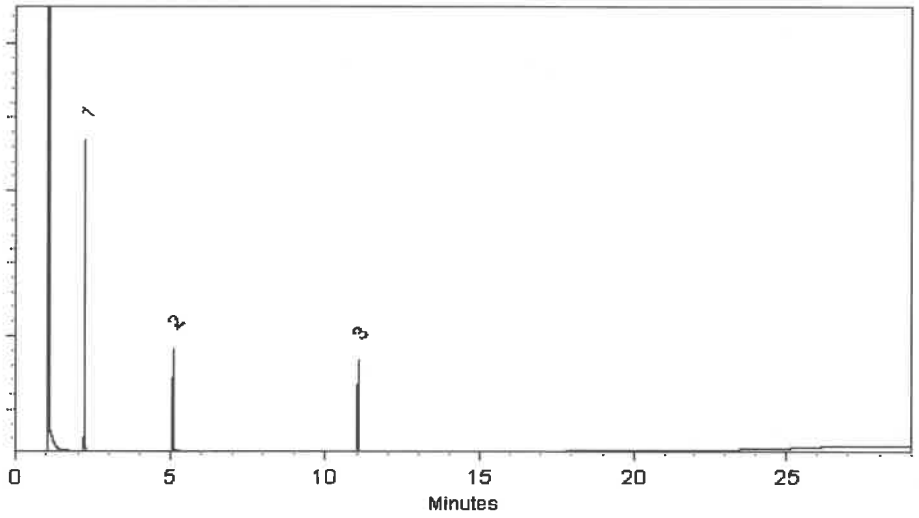
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Stacey Wanner - Operations Technician I

Date Mixed: 23-Jan-2024 **Balance Serial #** B442140311

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Jan-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Certificate of Analysis

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

S12302 ↓ S12311 RC 5/30/24

Catalog No. : 31902 **Lot No.:** A0206859

Description : Additions Standard

Additions Standard 1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2026 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Benzaldehyde	100-52-7	RD231129RSRA	99%	1,005.0 µg/mL	+/- 29.5419
2	epsilon-Caprolactam	105-60-2	I16X016	99%	1,008.8 µg/mL	+/- 29.6521
3	Atrazine	1912-24-9	5FYWL	99%	1,008.8 µg/mL	+/- 29.6521

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

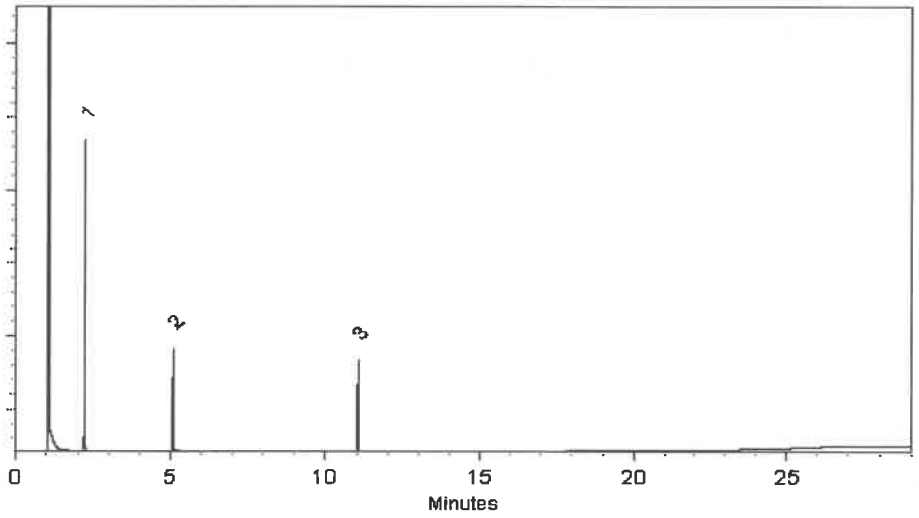
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Stacey Wanner - Operations Technician I

Date Mixed: 23-Jan-2024 **Balance Serial #** B442140311

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Jan-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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CERTIFIED REFERENCE MATERIAL

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ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

Certificate of Analysis

gravimetric

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555223 **Lot No.:** A0214021

Description : Custom 8270 Plus Standard #1

Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S240326RSR	99%	1,004.0 µg/mL	+/- 23.0487
2	Atrazine	1912-24-9	5FYWL	99%	1,005.0 µg/mL	+/- 23.0717
3	Benzidine	92-87-5	S240430RSR	99%	1,006.0 µg/mL	+/- 23.0947
4	epsilon-Caprolactam	105-60-2	Y16H012	99%	1,000.0 µg/mL	+/- 22.9569

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12449 ↓ S12508 } RC 7/24/24

Rebecca Gingerich - Operations Tech II

Date Mixed: 18-Jul-2024 **Balance:** 1128353505

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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Catalog No. : 555223 **Lot No.:** A0214021

Description : Custom 8270 Plus Standard #1

Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S240326RSR	99%	1,004.0 µg/mL	+/- 23.0487
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Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12449 ↓ S12508 } RC 7/24/24

Rebecca Gingerich - Operations Tech II

Date Mixed: 18-Jul-2024 **Balance:** 1128353505

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Catalog No. : 555224 **Lot No.:** A0214017

Description : Custom 8270 Plus Standard #2

Custom 8270 Plus Standard #2 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2,4,5-Tetrachlorobenzene	95-94-3	MKCT9480	99%	1,005.0 µg/mL	+/- 29.541899
2	Acetophenone	98-86-2	STBH8205	99%	1,005.0 µg/mL	+/- 29.541899
3	Benzaldehyde	100-52-7	RD231129RSRA	99%	1,008.0 µg/mL	+/- 29.630084
4	Benzoic acid	65-85-0	MKCR2694	99%	1,010.0 µg/mL	+/- 29.688874
5	Biphenyl	92-52-4	MKCS5928	99%	1,008.0 µg/mL	+/- 29.630084

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12509 ↓ S12568 } RC/ 7/24/24

Jess Hoy - Operations Tech I

Date Mixed: 18-Jul-2024 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
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- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

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Catalog No. : 555224 **Lot No.:** A0214017

Description : Custom 8270 Plus Standard #2

Custom 8270 Plus Standard #2 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2,4,5-Tetrachlorobenzene	95-94-3	MKCT9480	99%	1,005.0 µg/mL	+/- 29.541899
2	Acetophenone	98-86-2	STBH8205	99%	1,005.0 µg/mL	+/- 29.541899
3	Benzaldehyde	100-52-7	RD231129RSRA	99%	1,008.0 µg/mL	+/- 29.630084
4	Benzoic acid	65-85-0	MKCR2694	99%	1,010.0 µg/mL	+/- 29.688874
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Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12509 ↓ S12568 } RC/ 7/24/24

Jess Hoy - Operations Tech I

Date Mixed: 18-Jul-2024 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2015
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General Certified Reference Material Notes

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Catalog No. : 555224 **Lot No.:** A0214017

Description : Custom 8270 Plus Standard #2

Custom 8270 Plus Standard #2 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
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5	Biphenyl	92-52-4	MKCS5928	99%	1,008.0 µg/mL	+/- 29.630084

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12509 ↓ S12568 } RC/ 7/24/24

Jess Hoy - Operations Tech I

Date Mixed: 18-Jul-2024 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2015
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Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

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Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12509 ↓ S12568 } RC/ 7/24/24

Jess Hoy - Operations Tech I

Date Mixed: 18-Jul-2024 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Catalog No. : 555224 **Lot No.:** A0214017

Description : Custom 8270 Plus Standard #2

Custom 8270 Plus Standard #2 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

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1	1,2,4,5-Tetrachlorobenzene	95-94-3	MKCT9480	99%	1,005.0 µg/mL	+/- 29.541899
2	Acetophenone	98-86-2	STBH8205	99%	1,005.0 µg/mL	+/- 29.541899
3	Benzaldehyde	100-52-7	RD231129RSRA	99%	1,008.0 µg/mL	+/- 29.630084
4	Benzoic acid	65-85-0	MKCR2694	99%	1,010.0 µg/mL	+/- 29.688874
5	Biphenyl	92-52-4	MKCS5928	99%	1,008.0 µg/mL	+/- 29.630084

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12509 ↓ S12568 } RC/ 7/24/24

Jess Hoy - Operations Tech I

Date Mixed: 18-Jul-2024 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555224 **Lot No.:** A0214017

Description : Custom 8270 Plus Standard #2

Custom 8270 Plus Standard #2 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2,4,5-Tetrachlorobenzene	95-94-3	MKCT9480	99%	1,005.0 µg/mL	+/- 29.541899
2	Acetophenone	98-86-2	STBH8205	99%	1,005.0 µg/mL	+/- 29.541899
3	Benzaldehyde	100-52-7	RD231129RSRA	99%	1,008.0 µg/mL	+/- 29.630084
4	Benzoic acid	65-85-0	MKCR2694	99%	1,010.0 µg/mL	+/- 29.688874
5	Biphenyl	92-52-4	MKCS5928	99%	1,008.0 µg/mL	+/- 29.630084

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12509 ↓ S12568 } RC/ 7/24/24

Jess Hoy - Operations Tech I

Date Mixed: 18-Jul-2024 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
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Certified Uncertainty Value Notes:

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$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555224 **Lot No.:** A0214017

Description : Custom 8270 Plus Standard #2

Custom 8270 Plus Standard #2 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2,4,5-Tetrachlorobenzene	95-94-3	MKCT9480	99%	1,005.0 µg/mL	+/- 29.541899
2	Acetophenone	98-86-2	STBH8205	99%	1,005.0 µg/mL	+/- 29.541899
3	Benzaldehyde	100-52-7	RD231129RSRA	99%	1,008.0 µg/mL	+/- 29.630084
4	Benzoic acid	65-85-0	MKCR2694	99%	1,010.0 µg/mL	+/- 29.688874
5	Biphenyl	92-52-4	MKCS5928	99%	1,008.0 µg/mL	+/- 29.630084

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12509 ↓ S12568 } RC/ 7/24/24

Jess Hoy - Operations Tech I

Date Mixed: 18-Jul-2024 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

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- Purity values are rounded to the nearest whole number.

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  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555224 **Lot No.:** A0214017

Description : Custom 8270 Plus Standard #2

Custom 8270 Plus Standard #2 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2,4,5-Tetrachlorobenzene	95-94-3	MKCT9480	99%	1,005.0 µg/mL	+/- 29.541899
2	Acetophenone	98-86-2	STBH8205	99%	1,005.0 µg/mL	+/- 29.541899
3	Benzaldehyde	100-52-7	RD231129RSRA	99%	1,008.0 µg/mL	+/- 29.630084
4	Benzoic acid	65-85-0	MKCR2694	99%	1,010.0 µg/mL	+/- 29.688874
5	Biphenyl	92-52-4	MKCS5928	99%	1,008.0 µg/mL	+/- 29.630084

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12509 ↓ S12568 } RC/ 7/24/24

Jess Hoy - Operations Tech I

Date Mixed: 18-Jul-2024 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2015
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General Certified Reference Material Notes

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  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

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Catalog No. : 555224 **Lot No.:** A0214017

Description : Custom 8270 Plus Standard #2

Custom 8270 Plus Standard #2 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2,4,5-Tetrachlorobenzene	95-94-3	MKCT9480	99%	1,005.0 µg/mL	+/- 29.541899
2	Acetophenone	98-86-2	STBH8205	99%	1,005.0 µg/mL	+/- 29.541899
3	Benzaldehyde	100-52-7	RD231129RSRA	99%	1,008.0 µg/mL	+/- 29.630084
4	Benzoic acid	65-85-0	MKCR2694	99%	1,010.0 µg/mL	+/- 29.688874
5	Biphenyl	92-52-4	MKCS5928	99%	1,008.0 µg/mL	+/- 29.630084

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12509 ↓ S12568 } RC/ 7/24/24

Jess Hoy - Operations Tech I

Date Mixed: 18-Jul-2024 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
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- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

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  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

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Certificate of Analysis

chromatographic plus

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31615 **Lot No.:** A0212955

Description : GC/MS Tuning Mixture

GC/MS Tuning Mixture 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2027 **Storage:** 10°C or colder

Handling: Contains carcinogen/reproductive toxin. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pentachlorophenol	87-86-5	RP240517RSR	99%	1,004.5 µg/mL	+/- 44.8902
2	DFTPP (Decafluorotriphenylphosphine)	5074-71-5	Q117-147	99%	1,004.5 µg/mL	+/- 44.8902
3	Benzidine	92-87-5	S240430RSR	99%	1,006.0 µg/mL	+/- 44.9572
4	4,4'-DDT	50-29-3	S240530RSR	97%	1,000.1 µg/mL	+/- 44.6922

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12577 ↓ S12579 RC 8/2/24

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
75°C (hold 1 min.) to 330°C
@ 20°C/min. (hold 10 min.)

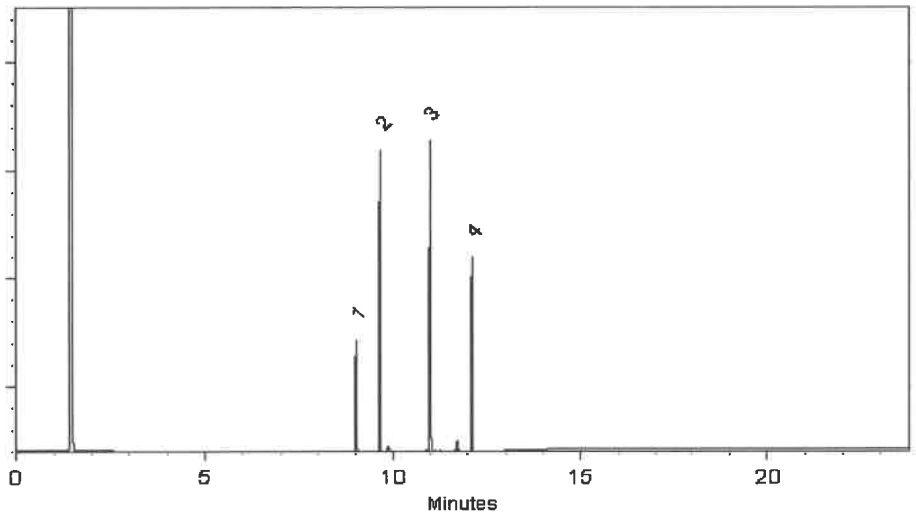
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Ethan Winiarski - Operations Tech I

Date Mixed: 19-Jun-2024 **Balance Serial #** 1128353505

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 26-Jun-2024

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Certificate of Analysis

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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Catalog No. : 31206 **Lot No.:** A0212266

Description : SV Internal Standard Mix 2mg/ml

SV Internal Standard Mix 2mg/ml 2000 µg/ml, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2030 **Storage:** 10°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	2,000.6 µg/mL	+/- 90.1075
2	Naphthalene-d8	1146-65-2	M-2180	99%	2,000.3 µg/mL	+/- 90.0925
3	Acenaphthene-d10	15067-26-2	PR-33507	99%	2,000.4 µg/mL	+/- 90.1000
4	Phenanthrene-d10	1517-22-2	PR-34099	99%	2,000.5 µg/mL	+/- 90.1037
5	Chrysene-d12	1719-03-5	PR-33506	99%	2,000.7 µg/mL	+/- 90.1112
6	Perylene-d12	1520-96-3	PR-33205	99%	2,000.6 µg/mL	+/- 90.1075

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12645 ↓ S12674 AC 10/1/24

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Catalog No. : 31900 **Lot No.:** A0215529

Description : OLM 01.1 Revised SV MegaMix

OLM 01.1 Revised SV MegaMix 500-1000 µg/mL, Methylene chloride, 1mL/ampul

S12736 ↓ S12754 AC 10/9/24

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : February 28, 2026 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Phenol	108-95-2	MKCK1120	99%	1,008.6 µg/mL	+/- 19.3211
2	Bis(2-chloroethyl)ether	111-44-4	SHBL6942	99%	1,002.3 µg/mL	+/- 19.2013
3	2-Chlorophenol	95-57-8	STBJ3909	99%	1,005.2 µg/mL	+/- 19.2564
4	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,006.3 µg/mL	+/- 19.2768
5	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,009.3 µg/mL	+/- 19.3354
6	Acetophenone	98-86-2	STBH8205	99%	1,003.8 µg/mL	+/- 18.5851
7	Hexachloroethane	67-72-1	QTORH	99%	1,000.6 µg/mL	+/- 19.1690
8	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,004.5 µg/mL	+/- 19.2599
9	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	500.3 µg/mL	+/- 9.5854
10	3-Methylphenol (m-cresol)	108-39-4	STBJ0710	99%	502.1 µg/mL	+/- 9.6213
11	Nitrobenzene	98-95-3	10224044	99%	1,003.2 µg/mL	+/- 19.2181
12	Isophorone	78-59-1	MKCC9506	99%	1,007.0 µg/mL	+/- 19.2911
13	2-Nitrophenol	88-75-5	RP230509C	99%	1,003.4 µg/mL	+/- 19.2217
14	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,008.1 µg/mL	+/- 19.3115
15	Bis(2-chloroethoxy)methane	111-91-1	15174900	99%	1,002.3 µg/mL	+/- 19.2001
16	2,4-Dichlorophenol	120-83-2	BCBZ6787	99%	1,002.3 µg/mL	+/- 19.2001

17	Naphthalene	91-20-3	STBL1057	99%	1,003.6	µg/mL	+/- 19.2253
18	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,005.5	µg/mL	+/- 19.2791
19	Hexachlorobutadiene	87-68-3	RP240110CTH	97%	1,003.9	µg/mL	+/- 19.2316
20	2-Methylnaphthalene	91-57-6	STBK0259	96%	1,005.1	µg/mL	+/- 19.2718
21	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,003.8	µg/mL	+/- 19.2301
22	1,2,4,5-Tetrachlorobenzene	95-94-3	MKCT9480	99%	1,000.5	µg/mL	+/- 19.1832
23	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,001.3	µg/mL	+/- 19.1811
24	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,004.1	µg/mL	+/- 19.2349
25	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,008.6	µg/mL	+/- 19.3221
26	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,002.3	µg/mL	+/- 19.2001
27	Biphenyl	92-52-4	MKCS5928	99%	1,001.3	µg/mL	+/- 18.5388
28	2-Nitroaniline	88-74-4	RP240715RSR	99%	1,000.5	µg/mL	+/- 19.1832
29	Acenaphthylene	208-96-8	214935V16F	97%	999.9	µg/mL	+/- 19.1561
30	Dimethylphthalate	131-11-3	358221L17K	99%	1,005.8	µg/mL	+/- 19.2672
31	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,001.2	µg/mL	+/- 19.1798
32	Acenaphthene	83-32-9	MKCR7169	99%	1,000.0	µg/mL	+/- 19.1570
33	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,005.5	µg/mL	+/- 19.2791
34	2,4-Dinitrophenol	51-28-5	DR230417RSR	99%	1,008.8	µg/mL	+/- 19.3259
35	Dibenzofuran	132-64-9	MKCD9952	99%	1,002.5	µg/mL	+/- 18.5619
36	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,002.5	µg/mL	+/- 19.2049
37	4-Nitrophenol	100-02-7	RP230627	99%	1,004.4	µg/mL	+/- 19.2421
38	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,001.5	µg/mL	+/- 19.2024
39	Fluorene	86-73-7	10241100	99%	1,004.2	µg/mL	+/- 19.2373
40	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,003.0	µg/mL	+/- 19.2145
41	Diethylphthalate	84-66-2	BCCJ6241	99%	1,002.1	µg/mL	+/- 19.1978
42	4-Nitroaniline	100-01-6	RP240510RSR	99%	1,005.0	µg/mL	+/- 19.2695
43	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S240410RSR	99%	1,001.1	µg/mL	+/- 19.1786
44	Diphenylamine	122-39-4	MKCT1512	99%	1,004.5	µg/mL	+/- 19.2599
45	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,005.9	µg/mL	+/- 19.2708
46	Hexachlorobenzene	118-74-1	15458400	99%	1,009.2	µg/mL	+/- 19.3331
47	Pentachlorophenol	87-86-5	RP240411RSR	99%	1,008.9	µg/mL	+/- 19.3283
48	Phenanthrene	85-01-8	MKCS5188	99%	1,006.2	µg/mL	+/- 19.2756
49	Anthracene	120-12-7	101492T18R	99%	1,001.6	µg/mL	+/- 19.1882
50	Carbazole	86-74-8	15276700	99%	1,004.0	µg/mL	+/- 19.2503
51	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,002.5	µg/mL	+/- 19.2049
52	Fluoranthene	206-44-0	MKCQ4728	99%	1,008.7	µg/mL	+/- 19.3235

53	Pyrene	129-00-0	BCCK2592	99%	1,002.9	µg/mL	+/-	19.2121
54	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,004.6	µg/mL	+/-	19.2444
55	Benz(a)anthracene	56-55-3	I50012022BAA	99%	1,009.1	µg/mL	+/-	19.3307
56	Chrysene	218-01-9	RP240719RSR	99%	1,005.9	µg/mL	+/-	19.2708
57	3,3'-Dichlorobenzidine	91-94-1	S231019RSR	99%	1,001.5	µg/mL	+/-	19.2024
58	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,006.3	µg/mL	+/-	19.2768
59	Di-n-octyl phthalate	117-84-0	15276800	99%	1,008.9	µg/mL	+/-	19.3283
60	Benzo(b)fluoranthene	205-99-2	022013B	99%	1,006.4	µg/mL	+/-	19.2792
61	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,001.9	µg/mL	+/-	19.1942
62	Benzo(a)pyrene	50-32-8	O45GL	98%	1,003.9	µg/mL	+/-	19.2327
63	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,003.7	µg/mL	+/-	19.2281
64	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,004.2	µg/mL	+/-	19.2373
65	Benzo(g,h,i)perylene	191-24-2	RP240625RSR	97%	1,001.5	µg/mL	+/-	19.1863

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:
N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 90494
Lot Number: 061323
Description: 1-Methylnaphthalene

Expiration Date: 061328
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 2000
NIST Test ID#: 6UTB

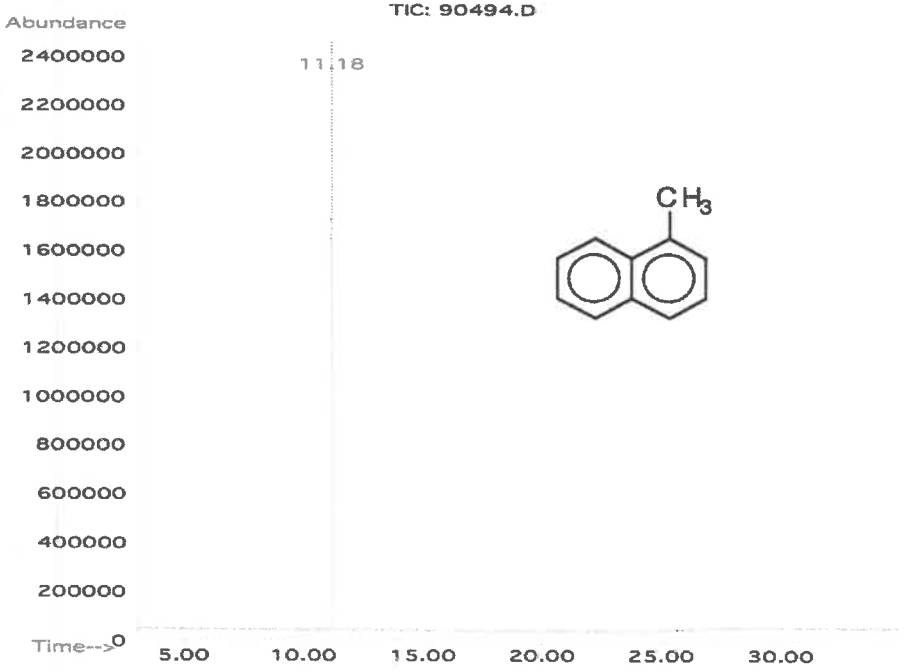
Solvent(s): **Lot#**
Methylene chloride C21F09CAS0000DCM

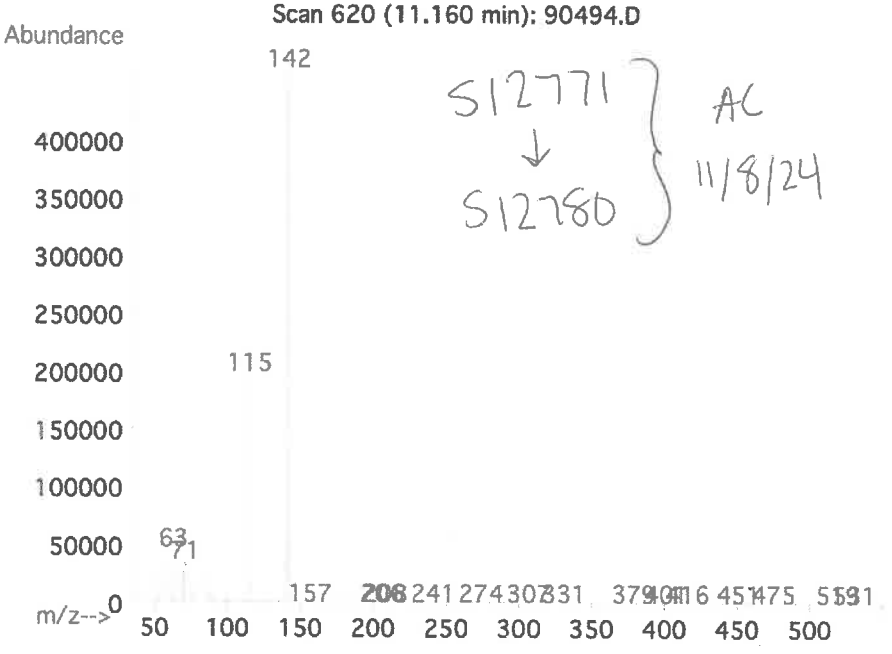
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 100.0 0.031 Flask Uncertainty

Formulated By:	Prashant Chauhan	061323 DATE
Reviewed By:	Pedro L. Rentas	061323 DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. 1-Methylnaphthalene	313	04413BX	2000	98	0.2	0.20417	0.20430	2001.2	8.3	90-12-0	N/A	orl-rat 1840mg/kg

Method GC8MSD-3.M: Column:SPB-5 (30m X 0.25mm ID X 0.25µm film thickness) Temp 1 = 50°C (1min.), Temp 2 = 300°C (9min.), Rate = 10°C/min., Injector B= 200°C, Detector B = 275°C, Split Ratio = 100:1, Scan Rate = 2. Analysis performed by: Gina McLane.





S12771 ↓ S12780 } AC 11/8/24

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

CPI INTERNATIONAL

5580 Skylane Blvd
Santa Rosa, CA 95403

(707)525-5788
(800)878-7654 Toll Free
(707)545-7901 Fax

Manufacturer's Quality System
Audited & Registered
by TUV USA to ISO 9001:2015

Date Received: _____

Certificate of Analysis

Rev 0

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-110816-01	531243	≤ -10 °C	Methylene Chloride	1/2/2030	Custom 8270 Mix, 4-79, 1000 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
atrazine	1912-24-9	99.5	337.7.4P	997 ± 5.81
benzidine	92-87-5	99.9	124.18.6.2P	993.8 ± 5.78
caprolactam	105-60-2	99.9	271.1.6P	999 ± 5.82

513057
↓
513061
AC
1/16/25

*Not a certified value

Manufactured by o2si smart solutions, Accredited to ISO 9001:2008 by NSF and ISO/IEC 17025:2005 (Certification No. 3031.01) and ISO Guide 34:2009 (Certification No. 3031.02) by A2LA

Certified By: Melissa Workoff

Melissa Workoff
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

CPI INTERNATIONAL

5580 Skylane Blvd
Santa Rosa, CA 95403

(707)525-5788
(800)878-7654 Toll Free
(707)545-7901 Fax

Manufacturer's Quality System
Audited & Registered
by TUV USA to ISO 9001:2015

Date Received:_____

Certificate of Analysis

Rev 0 **Page 1 of 1**

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-010074-07	525551	-18°C +/- 4°C	Methylene Chloride	9/3/2029	3,3'-Dichlorobenzidine Solution, 1,000 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
3,3'-dichlorobenzidine	91-94-1	97.9	74.421.2P	994.7 ± 30.56

This RM is intended for use as a calibration standard or a quality control standard for chromatography equipment such as GC, GC/MS, HPLC, and HPLC/MS. It may also be used for various USEPA, NIOSH and ASTM methods.

Recommended storage container for ampuled products after opening is a 12 mm x 32 mm amber vial with screw cap Teflon lined silicon septum. The modeled % change per day can be calculated using the following:

$$\% \text{ Change} = 116192x^{-2.578} + 40.383e^{-0.03y}$$

where x = boiling point of the most volatile analyte in the mix (in degrees K)
y = boiling point of the solvent (in degrees K)

This model assumes the container is stored at -10 °C and is unopened during storage. The user should determine what the acceptable error for their process is and calculate the maximum number of days the opened ampule should be stored. The minimum sample size recommended for use is 1µL.

S13078 ↓ S13087 } AC 3/10/25

Manufactured by

Raevyn Steele
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

*Not a certified valu

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

Certificate of Analysis

chromatographic plus

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0221014

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2025 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

S13088 ↓ S13117 RC 5/20/25.

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBR4811	99%	1,005.2 µg/mL	+/- 36.5730
2	N-Nitrosodimethylamine	62-75-9	S241226RSR	99%	1,005.5 µg/mL	+/- 36.5848
3	Phenol	108-95-2	MKCK1120	99%	1,005.3 µg/mL	+/- 36.5780
4	Aniline	62-53-3	X22F726	99%	1,005.4 µg/mL	+/- 36.5816
5	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,004.7 µg/mL	+/- 36.5562
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,005.3 µg/mL	+/- 36.5766
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,004.6 µg/mL	+/- 36.5530
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,006.3 µg/mL	+/- 36.6125
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,005.5 µg/mL	+/- 36.5853
10	1,2-Dichlorobenzene	95-50-1	SHBL6287	99%	1,004.6 µg/mL	+/- 36.5507
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,004.8 µg/mL	+/- 36.5575
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,005.4 µg/mL	+/- 36.5803
13	3-Methylphenol (m-cresol)	108-39-4	STBL3873	99%	502.7 µg/mL	+/- 18.2888
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	502.6 µg/mL	+/- 18.2869
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,004.6 µg/mL	+/- 36.5502
16	Hexachloroethane	67-72-1	DAXRI	99%	1,004.6 µg/mL	+/- 36.5530
17	Nitrobenzene	98-95-3	10224044	99%	1,005.3 µg/mL	+/- 36.5780

18	Isophorone	78-59-1	MKCR3249	99%	1,004.6	µg/mL	+/-	36.5511
19	2-Nitrophenol	88-75-5	RP230710	99%	1,005.7	µg/mL	+/-	36.5916
20	2,4-Dimethylphenol	105-67-9	DIRAF	99%	1,004.9	µg/mL	+/-	36.5612
21	Bis(2-chloroethoxy)methane	111-91-1	15705100	99%	1,004.3	µg/mL	+/-	36.5402
22	2,4-Dichlorophenol	120-83-2	BCCK6969	99%	1,004.7	µg/mL	+/-	36.5571
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,004.6	µg/mL	+/-	36.5516
24	Naphthalene	91-20-3	STBL1057	99%	1,006.8	µg/mL	+/-	36.6335
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,005.9	µg/mL	+/-	36.5980
26	Hexachlorobutadiene	87-68-3	X05J	98%	1,004.1	µg/mL	+/-	36.5328
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,005.4	µg/mL	+/-	36.5793
28	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,006.3	µg/mL	+/-	36.6144
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	990.2	µg/mL	+/-	36.0269
30	Hexachlorocyclopentadiene	77-47-4	099063P13G	99%	1,005.9	µg/mL	+/-	36.5975
31	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,004.7	µg/mL	+/-	36.5566
32	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,004.7	µg/mL	+/-	36.5571
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,005.3	µg/mL	+/-	36.5757
34	2-Nitroaniline	88-74-4	RP240715RSR	99%	1,004.8	µg/mL	+/-	36.5584
35	1,4-Dinitrobenzene	100-25-4	RP240703RSR	99%	1,004.5	µg/mL	+/-	36.5475
36	Acenaphthylene	208-96-8	214935V18H	95%	1,000.1	µg/mL	+/-	36.3888
37	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,004.9	µg/mL	+/-	36.5616
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,004.5	µg/mL	+/-	36.5489
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,005.2	µg/mL	+/-	36.5734
40	1,2-Dinitrobenzene	528-29-0	RP240701RSR	99%	1,005.9	µg/mL	+/-	36.6003
41	Acenaphthene	83-32-9	MKCR7169	99%	1,000.0	µg/mL	+/-	36.3847
42	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,004.6	µg/mL	+/-	36.5525
43	2,4-Dinitrophenol	51-28-5	D240927RSR	99%	1,005.0	µg/mL	+/-	36.5657
44	Dibenzofuran	132-64-9	MKCN1772	99%	1,005.4	µg/mL	+/-	36.5803
45	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,005.4	µg/mL	+/-	36.5803
46	4-Nitrophenol	100-02-7	20241120-1-AN	99%	1,005.7	µg/mL	+/-	36.5930
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,004.9	µg/mL	+/-	36.5616
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP240523RSR	99%	1,005.2	µg/mL	+/-	36.5739
49	Fluorene	86-73-7	10246250	98%	1,005.8	µg/mL	+/-	36.5948
50	4-Chlorophenyl phenyl ether	7005-72-3	002531K02D	99%	1,004.8	µg/mL	+/-	36.5584
51	Diethylphthalate	84-66-2	STBL3611	99%	1,005.3	µg/mL	+/-	36.5762
52	4-Nitroaniline	100-01-6	RP240830RSR	99%	1,005.5	µg/mL	+/-	36.5844
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S241008RSR	99%	1,004.8	µg/mL	+/-	36.5589

54	Diphenylamine	122-39-4	MKCT1512	99%	1,005.2	µg/mL	+/- 36.5725
55	Azobenzene	103-33-3	BCCL3292	99%	1,004.7	µg/mL	+/- 36.5566
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,005.6	µg/mL	+/- 36.5875
57	Hexachlorobenzene	118-74-1	15828800	99%	1,005.3	µg/mL	+/- 36.5789
58	Pentachlorophenol	87-86-5	RP240517RSR	99%	1,005.4	µg/mL	+/- 36.5825
59	Phenanthrene	85-01-8	MKCT3391	99%	1,004.8	µg/mL	+/- 36.5584
60	Anthracene	120-12-7	MKCW9141	99%	1,005.5	µg/mL	+/- 36.5834
61	Carbazole	86-74-8	15630800	99%	1,005.3	µg/mL	+/- 36.5789
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,005.5	µg/mL	+/- 36.5848
63	Fluoranthene	206-44-0	A0458721	99%	1,005.4	µg/mL	+/- <0.0001
64	Pyrene	129-00-0	BCCL8032	99%	1,005.2	µg/mL	+/- 36.5734
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,004.8	µg/mL	+/- 36.5584
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCR8567	99%	1,004.5	µg/mL	+/- 36.5480
67	Benz(a)anthracene	56-55-3	I60012022BAA	99%	1,005.5	µg/mL	+/- 36.5844
68	Chrysene	218-01-9	RP241212RSR	99%	1,005.5	µg/mL	+/- 36.5848
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,004.7	µg/mL	+/- 36.5548
70	Di-n-octyl phthalate	117-84-0	15817300	99%	1,004.8	µg/mL	+/- 36.5607
71	Benzo(b)fluoranthene	205-99-2	022013B	99%	1,005.1	µg/mL	+/- 36.5716
72	Benzo(k)fluoranthene	207-08-9	012022K	98%	1,004.6	µg/mL	+/- 36.5511
73	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,004.2	µg/mL	+/- 36.5377
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,004.1	µg/mL	+/- 36.5337
75	Dibenz(a,h)anthracene	53-70-3	712061504-1-1	99%	1,005.7	µg/mL	+/- 36.5930
76	Benzo(g,h,i)perylene	191-24-2	RP241014RSR	98%	1,005.4	µg/mL	+/- 36.5814

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:
N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

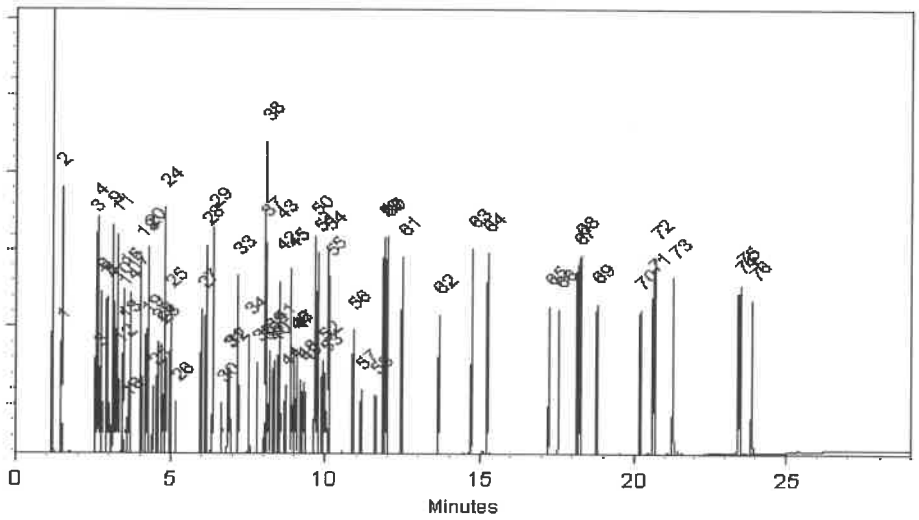
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

Date Mixed: 12-Jan-2025 **Balance Serial #** 1128360905

Dillan Murphy - Operations Technician I

Date Passed: 21-Jan-2025

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0221014

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2025 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

S13088 ↓ S13117 RC 5/20/25.

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBR4811	99%	1,005.2 µg/mL	+/- 36.5730
2	N-Nitrosodimethylamine	62-75-9	S241226RSR	99%	1,005.5 µg/mL	+/- 36.5848
3	Phenol	108-95-2	MKCK1120	99%	1,005.3 µg/mL	+/- 36.5780
4	Aniline	62-53-3	X22F726	99%	1,005.4 µg/mL	+/- 36.5816
5	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,004.7 µg/mL	+/- 36.5562
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,005.3 µg/mL	+/- 36.5766
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,004.6 µg/mL	+/- 36.5530
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,006.3 µg/mL	+/- 36.6125
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,005.5 µg/mL	+/- 36.5853
10	1,2-Dichlorobenzene	95-50-1	SHBL6287	99%	1,004.6 µg/mL	+/- 36.5507
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,004.8 µg/mL	+/- 36.5575
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,005.4 µg/mL	+/- 36.5803
13	3-Methylphenol (m-cresol)	108-39-4	STBL3873	99%	502.7 µg/mL	+/- 18.2888
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	502.6 µg/mL	+/- 18.2869
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,004.6 µg/mL	+/- 36.5502
16	Hexachloroethane	67-72-1	DAXRI	99%	1,004.6 µg/mL	+/- 36.5530
17	Nitrobenzene	98-95-3	10224044	99%	1,005.3 µg/mL	+/- 36.5780

18	Isophorone	78-59-1	MKCR3249	99%	1,004.6	µg/mL	+/- 36.5511
19	2-Nitrophenol	88-75-5	RP230710	99%	1,005.7	µg/mL	+/- 36.5916
20	2,4-Dimethylphenol	105-67-9	DIRAF	99%	1,004.9	µg/mL	+/- 36.5612
21	Bis(2-chloroethoxy)methane	111-91-1	15705100	99%	1,004.3	µg/mL	+/- 36.5402
22	2,4-Dichlorophenol	120-83-2	BCCK6969	99%	1,004.7	µg/mL	+/- 36.5571
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,004.6	µg/mL	+/- 36.5516
24	Naphthalene	91-20-3	STBL1057	99%	1,006.8	µg/mL	+/- 36.6335
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,005.9	µg/mL	+/- 36.5980
26	Hexachlorobutadiene	87-68-3	X05J	98%	1,004.1	µg/mL	+/- 36.5328
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,005.4	µg/mL	+/- 36.5793
28	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,006.3	µg/mL	+/- 36.6144
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	990.2	µg/mL	+/- 36.0269
30	Hexachlorocyclopentadiene	77-47-4	099063P13G	99%	1,005.9	µg/mL	+/- 36.5975
31	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,004.7	µg/mL	+/- 36.5566
32	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,004.7	µg/mL	+/- 36.5571
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,005.3	µg/mL	+/- 36.5757
34	2-Nitroaniline	88-74-4	RP240715RSR	99%	1,004.8	µg/mL	+/- 36.5584
35	1,4-Dinitrobenzene	100-25-4	RP240703RSR	99%	1,004.5	µg/mL	+/- 36.5475
36	Acenaphthylene	208-96-8	214935V18H	95%	1,000.1	µg/mL	+/- 36.3888
37	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,004.9	µg/mL	+/- 36.5616
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,004.5	µg/mL	+/- 36.5489
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,005.2	µg/mL	+/- 36.5734
40	1,2-Dinitrobenzene	528-29-0	RP240701RSR	99%	1,005.9	µg/mL	+/- 36.6003
41	Acenaphthene	83-32-9	MKCR7169	99%	1,000.0	µg/mL	+/- 36.3847
42	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,004.6	µg/mL	+/- 36.5525
43	2,4-Dinitrophenol	51-28-5	D240927RSR	99%	1,005.0	µg/mL	+/- 36.5657
44	Dibenzofuran	132-64-9	MKCN1772	99%	1,005.4	µg/mL	+/- 36.5803
45	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,005.4	µg/mL	+/- 36.5803
46	4-Nitrophenol	100-02-7	20241120-1-AN	99%	1,005.7	µg/mL	+/- 36.5930
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,004.9	µg/mL	+/- 36.5616
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP240523RSR	99%	1,005.2	µg/mL	+/- 36.5739
49	Fluorene	86-73-7	10246250	98%	1,005.8	µg/mL	+/- 36.5948
50	4-Chlorophenyl phenyl ether	7005-72-3	002531K02D	99%	1,004.8	µg/mL	+/- 36.5584
51	Diethylphthalate	84-66-2	STBL3611	99%	1,005.3	µg/mL	+/- 36.5762
52	4-Nitroaniline	100-01-6	RP240830RSR	99%	1,005.5	µg/mL	+/- 36.5844
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S241008RSR	99%	1,004.8	µg/mL	+/- 36.5589

54	Diphenylamine	122-39-4	MKCT1512	99%	1,005.2	µg/mL	+/- 36.5725
55	Azobenzene	103-33-3	BCCL3292	99%	1,004.7	µg/mL	+/- 36.5566
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,005.6	µg/mL	+/- 36.5875
57	Hexachlorobenzene	118-74-1	15828800	99%	1,005.3	µg/mL	+/- 36.5789
58	Pentachlorophenol	87-86-5	RP240517RSR	99%	1,005.4	µg/mL	+/- 36.5825
59	Phenanthrene	85-01-8	MKCT3391	99%	1,004.8	µg/mL	+/- 36.5584
60	Anthracene	120-12-7	MKCW9141	99%	1,005.5	µg/mL	+/- 36.5834
61	Carbazole	86-74-8	15630800	99%	1,005.3	µg/mL	+/- 36.5789
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,005.5	µg/mL	+/- 36.5848
63	Fluoranthene	206-44-0	A0458721	99%	1,005.4	µg/mL	+/- <0.0001
64	Pyrene	129-00-0	BCCL8032	99%	1,005.2	µg/mL	+/- 36.5734
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,004.8	µg/mL	+/- 36.5584
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCR8567	99%	1,004.5	µg/mL	+/- 36.5480
67	Benz(a)anthracene	56-55-3	I60012022BAA	99%	1,005.5	µg/mL	+/- 36.5844
68	Chrysene	218-01-9	RP241212RSR	99%	1,005.5	µg/mL	+/- 36.5848
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,004.7	µg/mL	+/- 36.5548
70	Di-n-octyl phthalate	117-84-0	15817300	99%	1,004.8	µg/mL	+/- 36.5607
71	Benzo(b)fluoranthene	205-99-2	022013B	99%	1,005.1	µg/mL	+/- 36.5716
72	Benzo(k)fluoranthene	207-08-9	012022K	98%	1,004.6	µg/mL	+/- 36.5511
73	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,004.2	µg/mL	+/- 36.5377
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,004.1	µg/mL	+/- 36.5337
75	Dibenz(a,h)anthracene	53-70-3	712061504-1-1	99%	1,005.7	µg/mL	+/- 36.5930
76	Benzo(g,h,i)perylene	191-24-2	RP241014RSR	98%	1,005.4	µg/mL	+/- 36.5814

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:
N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

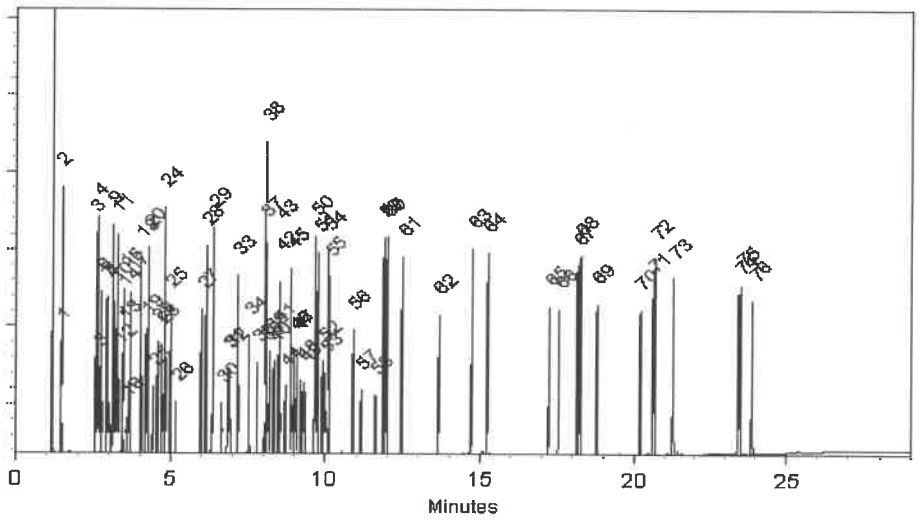
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

Date Mixed: 12-Jan-2025 **Balance Serial #** 1128360905

Dillan Murphy - Operations Technician I

Date Passed: 21-Jan-2025

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

Certificate of Analysis

chromatographic plus

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0221014

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2025 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

S13088 ↓ S13117 RC 5/20/25.

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBR4811	99%	1,005.2 µg/mL	+/- 36.5730
2	N-Nitrosodimethylamine	62-75-9	S241226RSR	99%	1,005.5 µg/mL	+/- 36.5848
3	Phenol	108-95-2	MKCK1120	99%	1,005.3 µg/mL	+/- 36.5780
4	Aniline	62-53-3	X22F726	99%	1,005.4 µg/mL	+/- 36.5816
5	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,004.7 µg/mL	+/- 36.5562
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,005.3 µg/mL	+/- 36.5766
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,004.6 µg/mL	+/- 36.5530
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,006.3 µg/mL	+/- 36.6125
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,005.5 µg/mL	+/- 36.5853
10	1,2-Dichlorobenzene	95-50-1	SHBL6287	99%	1,004.6 µg/mL	+/- 36.5507
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,004.8 µg/mL	+/- 36.5575
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,005.4 µg/mL	+/- 36.5803
13	3-Methylphenol (m-cresol)	108-39-4	STBL3873	99%	502.7 µg/mL	+/- 18.2888
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	502.6 µg/mL	+/- 18.2869
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,004.6 µg/mL	+/- 36.5502
16	Hexachloroethane	67-72-1	DAXRI	99%	1,004.6 µg/mL	+/- 36.5530
17	Nitrobenzene	98-95-3	10224044	99%	1,005.3 µg/mL	+/- 36.5780

18	Isophorone	78-59-1	MKCR3249	99%	1,004.6	µg/mL	+/- 36.5511
19	2-Nitrophenol	88-75-5	RP230710	99%	1,005.7	µg/mL	+/- 36.5916
20	2,4-Dimethylphenol	105-67-9	DIRAF	99%	1,004.9	µg/mL	+/- 36.5612
21	Bis(2-chloroethoxy)methane	111-91-1	15705100	99%	1,004.3	µg/mL	+/- 36.5402
22	2,4-Dichlorophenol	120-83-2	BCCK6969	99%	1,004.7	µg/mL	+/- 36.5571
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,004.6	µg/mL	+/- 36.5516
24	Naphthalene	91-20-3	STBL1057	99%	1,006.8	µg/mL	+/- 36.6335
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,005.9	µg/mL	+/- 36.5980
26	Hexachlorobutadiene	87-68-3	X05J	98%	1,004.1	µg/mL	+/- 36.5328
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,005.4	µg/mL	+/- 36.5793
28	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,006.3	µg/mL	+/- 36.6144
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	990.2	µg/mL	+/- 36.0269
30	Hexachlorocyclopentadiene	77-47-4	099063P13G	99%	1,005.9	µg/mL	+/- 36.5975
31	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,004.7	µg/mL	+/- 36.5566
32	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,004.7	µg/mL	+/- 36.5571
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,005.3	µg/mL	+/- 36.5757
34	2-Nitroaniline	88-74-4	RP240715RSR	99%	1,004.8	µg/mL	+/- 36.5584
35	1,4-Dinitrobenzene	100-25-4	RP240703RSR	99%	1,004.5	µg/mL	+/- 36.5475
36	Acenaphthylene	208-96-8	214935V18H	95%	1,000.1	µg/mL	+/- 36.3888
37	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,004.9	µg/mL	+/- 36.5616
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,004.5	µg/mL	+/- 36.5489
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,005.2	µg/mL	+/- 36.5734
40	1,2-Dinitrobenzene	528-29-0	RP240701RSR	99%	1,005.9	µg/mL	+/- 36.6003
41	Acenaphthene	83-32-9	MKCR7169	99%	1,000.0	µg/mL	+/- 36.3847
42	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,004.6	µg/mL	+/- 36.5525
43	2,4-Dinitrophenol	51-28-5	D240927RSR	99%	1,005.0	µg/mL	+/- 36.5657
44	Dibenzofuran	132-64-9	MKCN1772	99%	1,005.4	µg/mL	+/- 36.5803
45	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,005.4	µg/mL	+/- 36.5803
46	4-Nitrophenol	100-02-7	20241120-1-AN	99%	1,005.7	µg/mL	+/- 36.5930
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,004.9	µg/mL	+/- 36.5616
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP240523RSR	99%	1,005.2	µg/mL	+/- 36.5739
49	Fluorene	86-73-7	10246250	98%	1,005.8	µg/mL	+/- 36.5948
50	4-Chlorophenyl phenyl ether	7005-72-3	002531K02D	99%	1,004.8	µg/mL	+/- 36.5584
51	Diethylphthalate	84-66-2	STBL3611	99%	1,005.3	µg/mL	+/- 36.5762
52	4-Nitroaniline	100-01-6	RP240830RSR	99%	1,005.5	µg/mL	+/- 36.5844
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S241008RSR	99%	1,004.8	µg/mL	+/- 36.5589

54	Diphenylamine	122-39-4	MKCT1512	99%	1,005.2	µg/mL	+/- 36.5725
55	Azobenzene	103-33-3	BCCL3292	99%	1,004.7	µg/mL	+/- 36.5566
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,005.6	µg/mL	+/- 36.5875
57	Hexachlorobenzene	118-74-1	15828800	99%	1,005.3	µg/mL	+/- 36.5789
58	Pentachlorophenol	87-86-5	RP240517RSR	99%	1,005.4	µg/mL	+/- 36.5825
59	Phenanthrene	85-01-8	MKCT3391	99%	1,004.8	µg/mL	+/- 36.5584
60	Anthracene	120-12-7	MKCW9141	99%	1,005.5	µg/mL	+/- 36.5834
61	Carbazole	86-74-8	15630800	99%	1,005.3	µg/mL	+/- 36.5789
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,005.5	µg/mL	+/- 36.5848
63	Fluoranthene	206-44-0	A0458721	99%	1,005.4	µg/mL	+/- <0.0001
64	Pyrene	129-00-0	BCCL8032	99%	1,005.2	µg/mL	+/- 36.5734
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,004.8	µg/mL	+/- 36.5584
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCR8567	99%	1,004.5	µg/mL	+/- 36.5480
67	Benz(a)anthracene	56-55-3	I60012022BAA	99%	1,005.5	µg/mL	+/- 36.5844
68	Chrysene	218-01-9	RP241212RSR	99%	1,005.5	µg/mL	+/- 36.5848
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,004.7	µg/mL	+/- 36.5548
70	Di-n-octyl phthalate	117-84-0	15817300	99%	1,004.8	µg/mL	+/- 36.5607
71	Benzo(b)fluoranthene	205-99-2	022013B	99%	1,005.1	µg/mL	+/- 36.5716
72	Benzo(k)fluoranthene	207-08-9	012022K	98%	1,004.6	µg/mL	+/- 36.5511
73	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,004.2	µg/mL	+/- 36.5377
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,004.1	µg/mL	+/- 36.5337
75	Dibenz(a,h)anthracene	53-70-3	712061504-1-1	99%	1,005.7	µg/mL	+/- 36.5930
76	Benzo(g,h,i)perylene	191-24-2	RP241014RSR	98%	1,005.4	µg/mL	+/- 36.5814

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:
N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

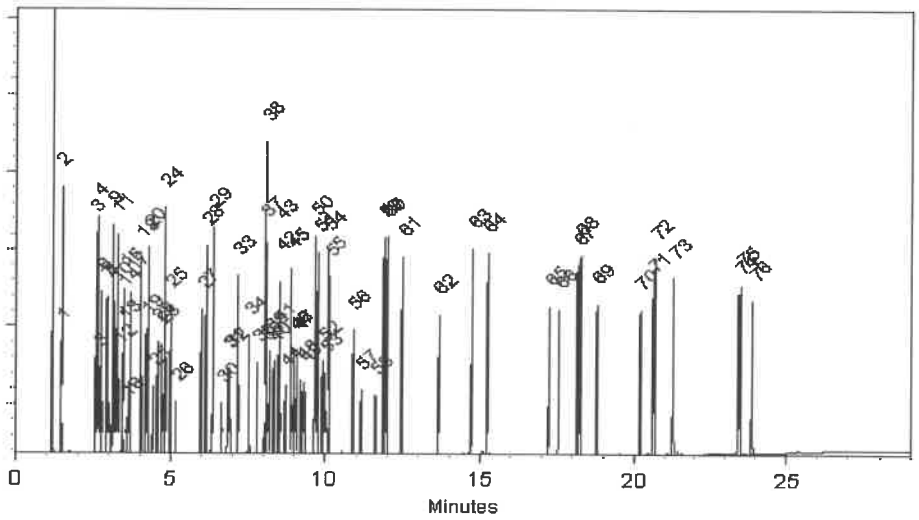
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

Date Mixed: 12-Jan-2025 **Balance Serial #** 1128360905

Dillan Murphy - Operations Technician I

Date Passed: 21-Jan-2025

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

Certificate of Analysis

chromatographic plus

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0221014

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2025 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

S13088 ↓ S13117 RC 5/20/25.

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBR4811	99%	1,005.2 µg/mL	+/- 36.5730
2	N-Nitrosodimethylamine	62-75-9	S241226RSR	99%	1,005.5 µg/mL	+/- 36.5848
3	Phenol	108-95-2	MKCK1120	99%	1,005.3 µg/mL	+/- 36.5780
4	Aniline	62-53-3	X22F726	99%	1,005.4 µg/mL	+/- 36.5816
5	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,004.7 µg/mL	+/- 36.5562
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,005.3 µg/mL	+/- 36.5766
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,004.6 µg/mL	+/- 36.5530
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,006.3 µg/mL	+/- 36.6125
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,005.5 µg/mL	+/- 36.5853
10	1,2-Dichlorobenzene	95-50-1	SHBL6287	99%	1,004.6 µg/mL	+/- 36.5507
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,004.8 µg/mL	+/- 36.5575
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,005.4 µg/mL	+/- 36.5803
13	3-Methylphenol (m-cresol)	108-39-4	STBL3873	99%	502.7 µg/mL	+/- 18.2888
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	502.6 µg/mL	+/- 18.2869
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,004.6 µg/mL	+/- 36.5502
16	Hexachloroethane	67-72-1	DAXRI	99%	1,004.6 µg/mL	+/- 36.5530
17	Nitrobenzene	98-95-3	10224044	99%	1,005.3 µg/mL	+/- 36.5780

18	Isophorone	78-59-1	MKCR3249	99%	1,004.6	µg/mL	+/-	36.5511
19	2-Nitrophenol	88-75-5	RP230710	99%	1,005.7	µg/mL	+/-	36.5916
20	2,4-Dimethylphenol	105-67-9	DIRAF	99%	1,004.9	µg/mL	+/-	36.5612
21	Bis(2-chloroethoxy)methane	111-91-1	15705100	99%	1,004.3	µg/mL	+/-	36.5402
22	2,4-Dichlorophenol	120-83-2	BCCK6969	99%	1,004.7	µg/mL	+/-	36.5571
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,004.6	µg/mL	+/-	36.5516
24	Naphthalene	91-20-3	STBL1057	99%	1,006.8	µg/mL	+/-	36.6335
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,005.9	µg/mL	+/-	36.5980
26	Hexachlorobutadiene	87-68-3	X05J	98%	1,004.1	µg/mL	+/-	36.5328
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,005.4	µg/mL	+/-	36.5793
28	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,006.3	µg/mL	+/-	36.6144
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	990.2	µg/mL	+/-	36.0269
30	Hexachlorocyclopentadiene	77-47-4	099063P13G	99%	1,005.9	µg/mL	+/-	36.5975
31	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,004.7	µg/mL	+/-	36.5566
32	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,004.7	µg/mL	+/-	36.5571
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,005.3	µg/mL	+/-	36.5757
34	2-Nitroaniline	88-74-4	RP240715RSR	99%	1,004.8	µg/mL	+/-	36.5584
35	1,4-Dinitrobenzene	100-25-4	RP240703RSR	99%	1,004.5	µg/mL	+/-	36.5475
36	Acenaphthylene	208-96-8	214935V18H	95%	1,000.1	µg/mL	+/-	36.3888
37	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,004.9	µg/mL	+/-	36.5616
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,004.5	µg/mL	+/-	36.5489
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,005.2	µg/mL	+/-	36.5734
40	1,2-Dinitrobenzene	528-29-0	RP240701RSR	99%	1,005.9	µg/mL	+/-	36.6003
41	Acenaphthene	83-32-9	MKCR7169	99%	1,000.0	µg/mL	+/-	36.3847
42	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,004.6	µg/mL	+/-	36.5525
43	2,4-Dinitrophenol	51-28-5	D240927RSR	99%	1,005.0	µg/mL	+/-	36.5657
44	Dibenzofuran	132-64-9	MKCN1772	99%	1,005.4	µg/mL	+/-	36.5803
45	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,005.4	µg/mL	+/-	36.5803
46	4-Nitrophenol	100-02-7	20241120-1-AN	99%	1,005.7	µg/mL	+/-	36.5930
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,004.9	µg/mL	+/-	36.5616
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP240523RSR	99%	1,005.2	µg/mL	+/-	36.5739
49	Fluorene	86-73-7	10246250	98%	1,005.8	µg/mL	+/-	36.5948
50	4-Chlorophenyl phenyl ether	7005-72-3	002531K02D	99%	1,004.8	µg/mL	+/-	36.5584
51	Diethylphthalate	84-66-2	STBL3611	99%	1,005.3	µg/mL	+/-	36.5762
52	4-Nitroaniline	100-01-6	RP240830RSR	99%	1,005.5	µg/mL	+/-	36.5844
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S241008RSR	99%	1,004.8	µg/mL	+/-	36.5589

54	Diphenylamine	122-39-4	MKCT1512	99%	1,005.2	µg/mL	+/- 36.5725
55	Azobenzene	103-33-3	BCCL3292	99%	1,004.7	µg/mL	+/- 36.5566
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,005.6	µg/mL	+/- 36.5875
57	Hexachlorobenzene	118-74-1	15828800	99%	1,005.3	µg/mL	+/- 36.5789
58	Pentachlorophenol	87-86-5	RP240517RSR	99%	1,005.4	µg/mL	+/- 36.5825
59	Phenanthrene	85-01-8	MKCT3391	99%	1,004.8	µg/mL	+/- 36.5584
60	Anthracene	120-12-7	MKCW9141	99%	1,005.5	µg/mL	+/- 36.5834
61	Carbazole	86-74-8	15630800	99%	1,005.3	µg/mL	+/- 36.5789
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,005.5	µg/mL	+/- 36.5848
63	Fluoranthene	206-44-0	A0458721	99%	1,005.4	µg/mL	+/- <0.0001
64	Pyrene	129-00-0	BCCL8032	99%	1,005.2	µg/mL	+/- 36.5734
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,004.8	µg/mL	+/- 36.5584
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCR8567	99%	1,004.5	µg/mL	+/- 36.5480
67	Benz(a)anthracene	56-55-3	I60012022BAA	99%	1,005.5	µg/mL	+/- 36.5844
68	Chrysene	218-01-9	RP241212RSR	99%	1,005.5	µg/mL	+/- 36.5848
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,004.7	µg/mL	+/- 36.5548
70	Di-n-octyl phthalate	117-84-0	15817300	99%	1,004.8	µg/mL	+/- 36.5607
71	Benzo(b)fluoranthene	205-99-2	022013B	99%	1,005.1	µg/mL	+/- 36.5716
72	Benzo(k)fluoranthene	207-08-9	012022K	98%	1,004.6	µg/mL	+/- 36.5511
73	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,004.2	µg/mL	+/- 36.5377
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,004.1	µg/mL	+/- 36.5337
75	Dibenz(a,h)anthracene	53-70-3	712061504-1-1	99%	1,005.7	µg/mL	+/- 36.5930
76	Benzo(g,h,i)perylene	191-24-2	RP241014RSR	98%	1,005.4	µg/mL	+/- 36.5814

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:
N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

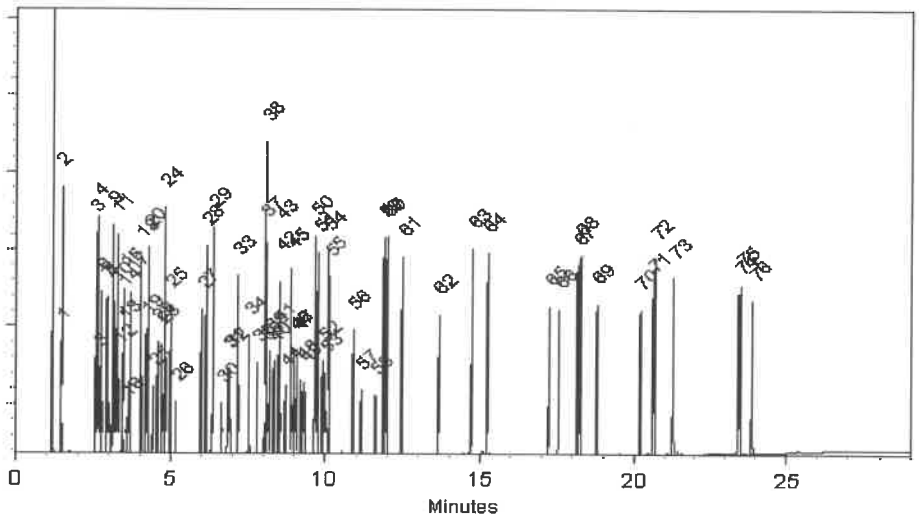
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

Date Mixed: 12-Jan-2025 **Balance Serial #** 1128360905

Dillan Murphy - Operations Technician I

Date Passed: 21-Jan-2025

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

Certificate of Analysis

chromatographic plus

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0221014

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2025 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

S13088 ↓ S13117 RC 5/20/25.

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBR4811	99%	1,005.2 µg/mL	+/- 36.5730
2	N-Nitrosodimethylamine	62-75-9	S241226RSR	99%	1,005.5 µg/mL	+/- 36.5848
3	Phenol	108-95-2	MKCK1120	99%	1,005.3 µg/mL	+/- 36.5780
4	Aniline	62-53-3	X22F726	99%	1,005.4 µg/mL	+/- 36.5816
5	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,004.7 µg/mL	+/- 36.5562
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,005.3 µg/mL	+/- 36.5766
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,004.6 µg/mL	+/- 36.5530
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,006.3 µg/mL	+/- 36.6125
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,005.5 µg/mL	+/- 36.5853
10	1,2-Dichlorobenzene	95-50-1	SHBL6287	99%	1,004.6 µg/mL	+/- 36.5507
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,004.8 µg/mL	+/- 36.5575
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,005.4 µg/mL	+/- 36.5803
13	3-Methylphenol (m-cresol)	108-39-4	STBL3873	99%	502.7 µg/mL	+/- 18.2888
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	502.6 µg/mL	+/- 18.2869
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,004.6 µg/mL	+/- 36.5502
16	Hexachloroethane	67-72-1	DAXRI	99%	1,004.6 µg/mL	+/- 36.5530
17	Nitrobenzene	98-95-3	10224044	99%	1,005.3 µg/mL	+/- 36.5780

18	Isophorone	78-59-1	MKCR3249	99%	1,004.6	µg/mL	+/-	36.5511
19	2-Nitrophenol	88-75-5	RP230710	99%	1,005.7	µg/mL	+/-	36.5916
20	2,4-Dimethylphenol	105-67-9	DIRAF	99%	1,004.9	µg/mL	+/-	36.5612
21	Bis(2-chloroethoxy)methane	111-91-1	15705100	99%	1,004.3	µg/mL	+/-	36.5402
22	2,4-Dichlorophenol	120-83-2	BCCK6969	99%	1,004.7	µg/mL	+/-	36.5571
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,004.6	µg/mL	+/-	36.5516
24	Naphthalene	91-20-3	STBL1057	99%	1,006.8	µg/mL	+/-	36.6335
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,005.9	µg/mL	+/-	36.5980
26	Hexachlorobutadiene	87-68-3	X05J	98%	1,004.1	µg/mL	+/-	36.5328
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,005.4	µg/mL	+/-	36.5793
28	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,006.3	µg/mL	+/-	36.6144
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	990.2	µg/mL	+/-	36.0269
30	Hexachlorocyclopentadiene	77-47-4	099063P13G	99%	1,005.9	µg/mL	+/-	36.5975
31	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,004.7	µg/mL	+/-	36.5566
32	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,004.7	µg/mL	+/-	36.5571
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,005.3	µg/mL	+/-	36.5757
34	2-Nitroaniline	88-74-4	RP240715RSR	99%	1,004.8	µg/mL	+/-	36.5584
35	1,4-Dinitrobenzene	100-25-4	RP240703RSR	99%	1,004.5	µg/mL	+/-	36.5475
36	Acenaphthylene	208-96-8	214935V18H	95%	1,000.1	µg/mL	+/-	36.3888
37	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,004.9	µg/mL	+/-	36.5616
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,004.5	µg/mL	+/-	36.5489
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,005.2	µg/mL	+/-	36.5734
40	1,2-Dinitrobenzene	528-29-0	RP240701RSR	99%	1,005.9	µg/mL	+/-	36.6003
41	Acenaphthene	83-32-9	MKCR7169	99%	1,000.0	µg/mL	+/-	36.3847
42	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,004.6	µg/mL	+/-	36.5525
43	2,4-Dinitrophenol	51-28-5	D240927RSR	99%	1,005.0	µg/mL	+/-	36.5657
44	Dibenzofuran	132-64-9	MKCN1772	99%	1,005.4	µg/mL	+/-	36.5803
45	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,005.4	µg/mL	+/-	36.5803
46	4-Nitrophenol	100-02-7	20241120-1-AN	99%	1,005.7	µg/mL	+/-	36.5930
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,004.9	µg/mL	+/-	36.5616
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP240523RSR	99%	1,005.2	µg/mL	+/-	36.5739
49	Fluorene	86-73-7	10246250	98%	1,005.8	µg/mL	+/-	36.5948
50	4-Chlorophenyl phenyl ether	7005-72-3	002531K02D	99%	1,004.8	µg/mL	+/-	36.5584
51	Diethylphthalate	84-66-2	STBL3611	99%	1,005.3	µg/mL	+/-	36.5762
52	4-Nitroaniline	100-01-6	RP240830RSR	99%	1,005.5	µg/mL	+/-	36.5844
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S241008RSR	99%	1,004.8	µg/mL	+/-	36.5589

54	Diphenylamine	122-39-4	MKCT1512	99%	1,005.2	µg/mL	+/- 36.5725
55	Azobenzene	103-33-3	BCCL3292	99%	1,004.7	µg/mL	+/- 36.5566
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,005.6	µg/mL	+/- 36.5875
57	Hexachlorobenzene	118-74-1	15828800	99%	1,005.3	µg/mL	+/- 36.5789
58	Pentachlorophenol	87-86-5	RP240517RSR	99%	1,005.4	µg/mL	+/- 36.5825
59	Phenanthrene	85-01-8	MKCT3391	99%	1,004.8	µg/mL	+/- 36.5584
60	Anthracene	120-12-7	MKCW9141	99%	1,005.5	µg/mL	+/- 36.5834
61	Carbazole	86-74-8	15630800	99%	1,005.3	µg/mL	+/- 36.5789
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,005.5	µg/mL	+/- 36.5848
63	Fluoranthene	206-44-0	A0458721	99%	1,005.4	µg/mL	+/- <0.0001
64	Pyrene	129-00-0	BCCL8032	99%	1,005.2	µg/mL	+/- 36.5734
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,004.8	µg/mL	+/- 36.5584
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCR8567	99%	1,004.5	µg/mL	+/- 36.5480
67	Benz(a)anthracene	56-55-3	I60012022BAA	99%	1,005.5	µg/mL	+/- 36.5844
68	Chrysene	218-01-9	RP241212RSR	99%	1,005.5	µg/mL	+/- 36.5848
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,004.7	µg/mL	+/- 36.5548
70	Di-n-octyl phthalate	117-84-0	15817300	99%	1,004.8	µg/mL	+/- 36.5607
71	Benzo(b)fluoranthene	205-99-2	022013B	99%	1,005.1	µg/mL	+/- 36.5716
72	Benzo(k)fluoranthene	207-08-9	012022K	98%	1,004.6	µg/mL	+/- 36.5511
73	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,004.2	µg/mL	+/- 36.5377
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,004.1	µg/mL	+/- 36.5337
75	Dibenz(a,h)anthracene	53-70-3	712061504-1-1	99%	1,005.7	µg/mL	+/- 36.5930
76	Benzo(g,h,i)perylene	191-24-2	RP241014RSR	98%	1,005.4	µg/mL	+/- 36.5814

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:
N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

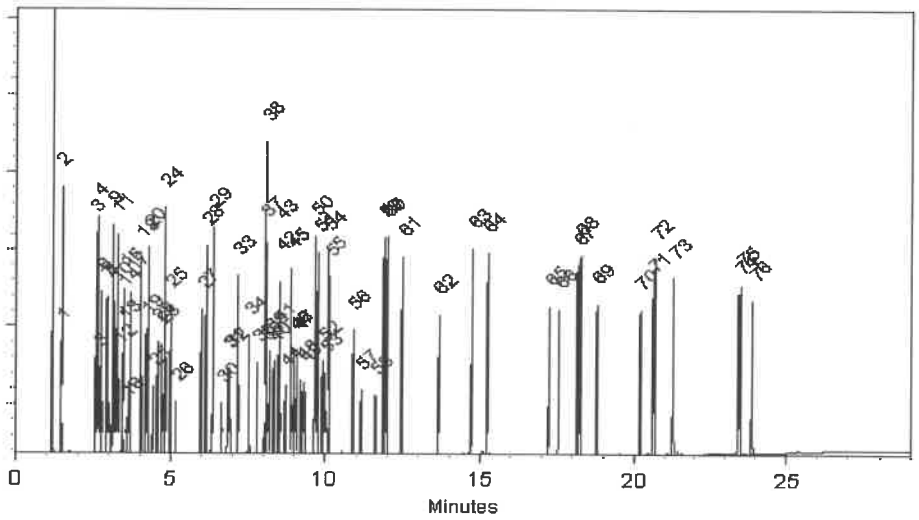
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

Date Mixed: 12-Jan-2025 **Balance Serial #** 1128360905

Dillan Murphy - Operations Technician I

Date Passed: 21-Jan-2025

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
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www.restek.com

CERTIFIED REFERENCE MATERIAL

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

Certificate of Analysis

chromatographic plus

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0221014

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2025 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

S13088 ↓ S13117 RC 5/20/25.

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBR4811	99%	1,005.2 µg/mL	+/- 36.5730
2	N-Nitrosodimethylamine	62-75-9	S241226RSR	99%	1,005.5 µg/mL	+/- 36.5848
3	Phenol	108-95-2	MKCK1120	99%	1,005.3 µg/mL	+/- 36.5780
4	Aniline	62-53-3	X22F726	99%	1,005.4 µg/mL	+/- 36.5816
5	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,004.7 µg/mL	+/- 36.5562
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,005.3 µg/mL	+/- 36.5766
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,004.6 µg/mL	+/- 36.5530
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,006.3 µg/mL	+/- 36.6125
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,005.5 µg/mL	+/- 36.5853
10	1,2-Dichlorobenzene	95-50-1	SHBL6287	99%	1,004.6 µg/mL	+/- 36.5507
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,004.8 µg/mL	+/- 36.5575
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,005.4 µg/mL	+/- 36.5803
13	3-Methylphenol (m-cresol)	108-39-4	STBL3873	99%	502.7 µg/mL	+/- 18.2888
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	502.6 µg/mL	+/- 18.2869
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,004.6 µg/mL	+/- 36.5502
16	Hexachloroethane	67-72-1	DAXRI	99%	1,004.6 µg/mL	+/- 36.5530
17	Nitrobenzene	98-95-3	10224044	99%	1,005.3 µg/mL	+/- 36.5780

18	Isophorone	78-59-1	MKCR3249	99%	1,004.6	µg/mL	+/- 36.5511
19	2-Nitrophenol	88-75-5	RP230710	99%	1,005.7	µg/mL	+/- 36.5916
20	2,4-Dimethylphenol	105-67-9	DIRAF	99%	1,004.9	µg/mL	+/- 36.5612
21	Bis(2-chloroethoxy)methane	111-91-1	15705100	99%	1,004.3	µg/mL	+/- 36.5402
22	2,4-Dichlorophenol	120-83-2	BCCK6969	99%	1,004.7	µg/mL	+/- 36.5571
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,004.6	µg/mL	+/- 36.5516
24	Naphthalene	91-20-3	STBL1057	99%	1,006.8	µg/mL	+/- 36.6335
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,005.9	µg/mL	+/- 36.5980
26	Hexachlorobutadiene	87-68-3	X05J	98%	1,004.1	µg/mL	+/- 36.5328
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,005.4	µg/mL	+/- 36.5793
28	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,006.3	µg/mL	+/- 36.6144
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	990.2	µg/mL	+/- 36.0269
30	Hexachlorocyclopentadiene	77-47-4	099063P13G	99%	1,005.9	µg/mL	+/- 36.5975
31	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,004.7	µg/mL	+/- 36.5566
32	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,004.7	µg/mL	+/- 36.5571
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,005.3	µg/mL	+/- 36.5757
34	2-Nitroaniline	88-74-4	RP240715RSR	99%	1,004.8	µg/mL	+/- 36.5584
35	1,4-Dinitrobenzene	100-25-4	RP240703RSR	99%	1,004.5	µg/mL	+/- 36.5475
36	Acenaphthylene	208-96-8	214935V18H	95%	1,000.1	µg/mL	+/- 36.3888
37	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,004.9	µg/mL	+/- 36.5616
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,004.5	µg/mL	+/- 36.5489
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,005.2	µg/mL	+/- 36.5734
40	1,2-Dinitrobenzene	528-29-0	RP240701RSR	99%	1,005.9	µg/mL	+/- 36.6003
41	Acenaphthene	83-32-9	MKCR7169	99%	1,000.0	µg/mL	+/- 36.3847
42	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,004.6	µg/mL	+/- 36.5525
43	2,4-Dinitrophenol	51-28-5	D240927RSR	99%	1,005.0	µg/mL	+/- 36.5657
44	Dibenzofuran	132-64-9	MKCN1772	99%	1,005.4	µg/mL	+/- 36.5803
45	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,005.4	µg/mL	+/- 36.5803
46	4-Nitrophenol	100-02-7	20241120-1-AN	99%	1,005.7	µg/mL	+/- 36.5930
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,004.9	µg/mL	+/- 36.5616
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP240523RSR	99%	1,005.2	µg/mL	+/- 36.5739
49	Fluorene	86-73-7	10246250	98%	1,005.8	µg/mL	+/- 36.5948
50	4-Chlorophenyl phenyl ether	7005-72-3	002531K02D	99%	1,004.8	µg/mL	+/- 36.5584
51	Diethylphthalate	84-66-2	STBL3611	99%	1,005.3	µg/mL	+/- 36.5762
52	4-Nitroaniline	100-01-6	RP240830RSR	99%	1,005.5	µg/mL	+/- 36.5844
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S241008RSR	99%	1,004.8	µg/mL	+/- 36.5589

54	Diphenylamine	122-39-4	MKCT1512	99%	1,005.2	µg/mL	+/- 36.5725
55	Azobenzene	103-33-3	BCCL3292	99%	1,004.7	µg/mL	+/- 36.5566
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,005.6	µg/mL	+/- 36.5875
57	Hexachlorobenzene	118-74-1	15828800	99%	1,005.3	µg/mL	+/- 36.5789
58	Pentachlorophenol	87-86-5	RP240517RSR	99%	1,005.4	µg/mL	+/- 36.5825
59	Phenanthrene	85-01-8	MKCT3391	99%	1,004.8	µg/mL	+/- 36.5584
60	Anthracene	120-12-7	MKCW9141	99%	1,005.5	µg/mL	+/- 36.5834
61	Carbazole	86-74-8	15630800	99%	1,005.3	µg/mL	+/- 36.5789
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,005.5	µg/mL	+/- 36.5848
63	Fluoranthene	206-44-0	A0458721	99%	1,005.4	µg/mL	+/- <0.0001
64	Pyrene	129-00-0	BCCL8032	99%	1,005.2	µg/mL	+/- 36.5734
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,004.8	µg/mL	+/- 36.5584
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCR8567	99%	1,004.5	µg/mL	+/- 36.5480
67	Benz(a)anthracene	56-55-3	I60012022BAA	99%	1,005.5	µg/mL	+/- 36.5844
68	Chrysene	218-01-9	RP241212RSR	99%	1,005.5	µg/mL	+/- 36.5848
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,004.7	µg/mL	+/- 36.5548
70	Di-n-octyl phthalate	117-84-0	15817300	99%	1,004.8	µg/mL	+/- 36.5607
71	Benzo(b)fluoranthene	205-99-2	022013B	99%	1,005.1	µg/mL	+/- 36.5716
72	Benzo(k)fluoranthene	207-08-9	012022K	98%	1,004.6	µg/mL	+/- 36.5511
73	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,004.2	µg/mL	+/- 36.5377
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,004.1	µg/mL	+/- 36.5337
75	Dibenz(a,h)anthracene	53-70-3	712061504-1-1	99%	1,005.7	µg/mL	+/- 36.5930
76	Benzo(g,h,i)perylene	191-24-2	RP241014RSR	98%	1,005.4	µg/mL	+/- 36.5814

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:
N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

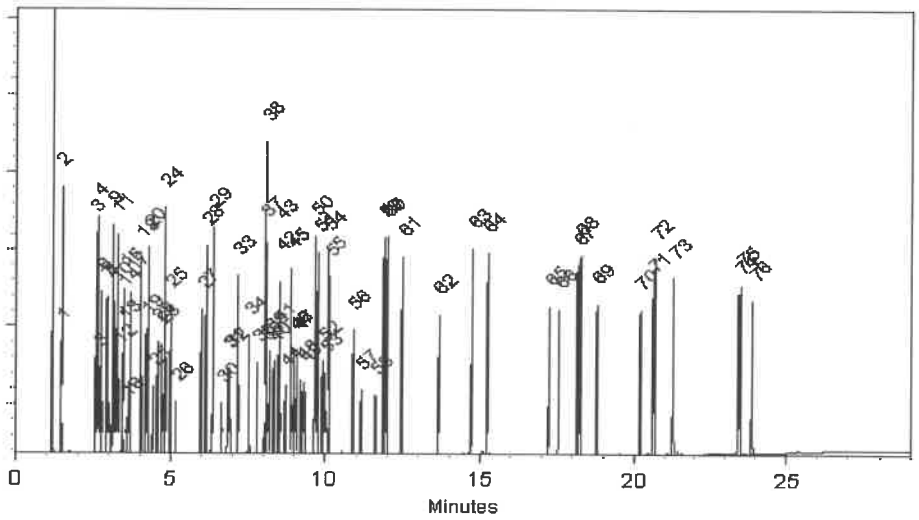
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

Date Mixed: 12-Jan-2025 **Balance Serial #** 1128360905

Dillan Murphy - Operations Technician I

Date Passed: 21-Jan-2025

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
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Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

Certificate of Analysis

chromatographic plus

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0221014

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2025 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

S13088 ↓ S13117 RC 5/20/25.

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBR4811	99%	1,005.2 µg/mL	+/- 36.5730
2	N-Nitrosodimethylamine	62-75-9	S241226RSR	99%	1,005.5 µg/mL	+/- 36.5848
3	Phenol	108-95-2	MKCK1120	99%	1,005.3 µg/mL	+/- 36.5780
4	Aniline	62-53-3	X22F726	99%	1,005.4 µg/mL	+/- 36.5816
5	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,004.7 µg/mL	+/- 36.5562
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,005.3 µg/mL	+/- 36.5766
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,004.6 µg/mL	+/- 36.5530
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,006.3 µg/mL	+/- 36.6125
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,005.5 µg/mL	+/- 36.5853
10	1,2-Dichlorobenzene	95-50-1	SHBL6287	99%	1,004.6 µg/mL	+/- 36.5507
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,004.8 µg/mL	+/- 36.5575
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,005.4 µg/mL	+/- 36.5803
13	3-Methylphenol (m-cresol)	108-39-4	STBL3873	99%	502.7 µg/mL	+/- 18.2888
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	502.6 µg/mL	+/- 18.2869
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,004.6 µg/mL	+/- 36.5502
16	Hexachloroethane	67-72-1	DAXRI	99%	1,004.6 µg/mL	+/- 36.5530
17	Nitrobenzene	98-95-3	10224044	99%	1,005.3 µg/mL	+/- 36.5780

18	Isophorone	78-59-1	MKCR3249	99%	1,004.6	µg/mL	+/-	36.5511
19	2-Nitrophenol	88-75-5	RP230710	99%	1,005.7	µg/mL	+/-	36.5916
20	2,4-Dimethylphenol	105-67-9	DIRAF	99%	1,004.9	µg/mL	+/-	36.5612
21	Bis(2-chloroethoxy)methane	111-91-1	15705100	99%	1,004.3	µg/mL	+/-	36.5402
22	2,4-Dichlorophenol	120-83-2	BCCK6969	99%	1,004.7	µg/mL	+/-	36.5571
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,004.6	µg/mL	+/-	36.5516
24	Naphthalene	91-20-3	STBL1057	99%	1,006.8	µg/mL	+/-	36.6335
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,005.9	µg/mL	+/-	36.5980
26	Hexachlorobutadiene	87-68-3	X05J	98%	1,004.1	µg/mL	+/-	36.5328
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,005.4	µg/mL	+/-	36.5793
28	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,006.3	µg/mL	+/-	36.6144
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	990.2	µg/mL	+/-	36.0269
30	Hexachlorocyclopentadiene	77-47-4	099063P13G	99%	1,005.9	µg/mL	+/-	36.5975
31	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,004.7	µg/mL	+/-	36.5566
32	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,004.7	µg/mL	+/-	36.5571
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,005.3	µg/mL	+/-	36.5757
34	2-Nitroaniline	88-74-4	RP240715RSR	99%	1,004.8	µg/mL	+/-	36.5584
35	1,4-Dinitrobenzene	100-25-4	RP240703RSR	99%	1,004.5	µg/mL	+/-	36.5475
36	Acenaphthylene	208-96-8	214935V18H	95%	1,000.1	µg/mL	+/-	36.3888
37	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,004.9	µg/mL	+/-	36.5616
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,004.5	µg/mL	+/-	36.5489
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,005.2	µg/mL	+/-	36.5734
40	1,2-Dinitrobenzene	528-29-0	RP240701RSR	99%	1,005.9	µg/mL	+/-	36.6003
41	Acenaphthene	83-32-9	MKCR7169	99%	1,000.0	µg/mL	+/-	36.3847
42	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,004.6	µg/mL	+/-	36.5525
43	2,4-Dinitrophenol	51-28-5	D240927RSR	99%	1,005.0	µg/mL	+/-	36.5657
44	Dibenzofuran	132-64-9	MKCN1772	99%	1,005.4	µg/mL	+/-	36.5803
45	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,005.4	µg/mL	+/-	36.5803
46	4-Nitrophenol	100-02-7	20241120-1-AN	99%	1,005.7	µg/mL	+/-	36.5930
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,004.9	µg/mL	+/-	36.5616
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP240523RSR	99%	1,005.2	µg/mL	+/-	36.5739
49	Fluorene	86-73-7	10246250	98%	1,005.8	µg/mL	+/-	36.5948
50	4-Chlorophenyl phenyl ether	7005-72-3	002531K02D	99%	1,004.8	µg/mL	+/-	36.5584
51	Diethylphthalate	84-66-2	STBL3611	99%	1,005.3	µg/mL	+/-	36.5762
52	4-Nitroaniline	100-01-6	RP240830RSR	99%	1,005.5	µg/mL	+/-	36.5844
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S241008RSR	99%	1,004.8	µg/mL	+/-	36.5589

54	Diphenylamine	122-39-4	MKCT1512	99%	1,005.2	µg/mL	+/- 36.5725
55	Azobenzene	103-33-3	BCCL3292	99%	1,004.7	µg/mL	+/- 36.5566
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,005.6	µg/mL	+/- 36.5875
57	Hexachlorobenzene	118-74-1	15828800	99%	1,005.3	µg/mL	+/- 36.5789
58	Pentachlorophenol	87-86-5	RP240517RSR	99%	1,005.4	µg/mL	+/- 36.5825
59	Phenanthrene	85-01-8	MKCT3391	99%	1,004.8	µg/mL	+/- 36.5584
60	Anthracene	120-12-7	MKCW9141	99%	1,005.5	µg/mL	+/- 36.5834
61	Carbazole	86-74-8	15630800	99%	1,005.3	µg/mL	+/- 36.5789
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,005.5	µg/mL	+/- 36.5848
63	Fluoranthene	206-44-0	A0458721	99%	1,005.4	µg/mL	+/- <0.0001
64	Pyrene	129-00-0	BCCL8032	99%	1,005.2	µg/mL	+/- 36.5734
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,004.8	µg/mL	+/- 36.5584
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCR8567	99%	1,004.5	µg/mL	+/- 36.5480
67	Benz(a)anthracene	56-55-3	I60012022BAA	99%	1,005.5	µg/mL	+/- 36.5844
68	Chrysene	218-01-9	RP241212RSR	99%	1,005.5	µg/mL	+/- 36.5848
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,004.7	µg/mL	+/- 36.5548
70	Di-n-octyl phthalate	117-84-0	15817300	99%	1,004.8	µg/mL	+/- 36.5607
71	Benzo(b)fluoranthene	205-99-2	022013B	99%	1,005.1	µg/mL	+/- 36.5716
72	Benzo(k)fluoranthene	207-08-9	012022K	98%	1,004.6	µg/mL	+/- 36.5511
73	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,004.2	µg/mL	+/- 36.5377
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,004.1	µg/mL	+/- 36.5337
75	Dibenz(a,h)anthracene	53-70-3	712061504-1-1	99%	1,005.7	µg/mL	+/- 36.5930
76	Benzo(g,h,i)perylene	191-24-2	RP241014RSR	98%	1,005.4	µg/mL	+/- 36.5814

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:
N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

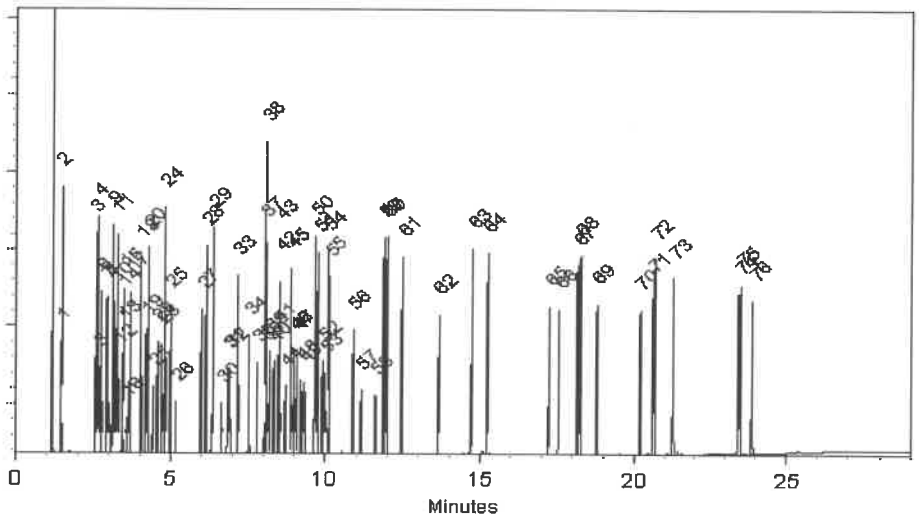
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

Date Mixed: 12-Jan-2025 **Balance Serial #** 1128360905

Dillan Murphy - Operations Technician I

Date Passed: 21-Jan-2025

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

Certificate of Analysis

chromatographic plus

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0221014

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2025 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

S13088 ↓ S13117 RC 5/20/25.

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBR4811	99%	1,005.2 µg/mL	+/- 36.5730
2	N-Nitrosodimethylamine	62-75-9	S241226RSR	99%	1,005.5 µg/mL	+/- 36.5848
3	Phenol	108-95-2	MKCK1120	99%	1,005.3 µg/mL	+/- 36.5780
4	Aniline	62-53-3	X22F726	99%	1,005.4 µg/mL	+/- 36.5816
5	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,004.7 µg/mL	+/- 36.5562
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,005.3 µg/mL	+/- 36.5766
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,004.6 µg/mL	+/- 36.5530
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,006.3 µg/mL	+/- 36.6125
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,005.5 µg/mL	+/- 36.5853
10	1,2-Dichlorobenzene	95-50-1	SHBL6287	99%	1,004.6 µg/mL	+/- 36.5507
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,004.8 µg/mL	+/- 36.5575
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,005.4 µg/mL	+/- 36.5803
13	3-Methylphenol (m-cresol)	108-39-4	STBL3873	99%	502.7 µg/mL	+/- 18.2888
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	502.6 µg/mL	+/- 18.2869
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,004.6 µg/mL	+/- 36.5502
16	Hexachloroethane	67-72-1	DAXRI	99%	1,004.6 µg/mL	+/- 36.5530
17	Nitrobenzene	98-95-3	10224044	99%	1,005.3 µg/mL	+/- 36.5780

18	Isophorone	78-59-1	MKCR3249	99%	1,004.6	µg/mL	+/- 36.5511
19	2-Nitrophenol	88-75-5	RP230710	99%	1,005.7	µg/mL	+/- 36.5916
20	2,4-Dimethylphenol	105-67-9	DIRAF	99%	1,004.9	µg/mL	+/- 36.5612
21	Bis(2-chloroethoxy)methane	111-91-1	15705100	99%	1,004.3	µg/mL	+/- 36.5402
22	2,4-Dichlorophenol	120-83-2	BCCK6969	99%	1,004.7	µg/mL	+/- 36.5571
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,004.6	µg/mL	+/- 36.5516
24	Naphthalene	91-20-3	STBL1057	99%	1,006.8	µg/mL	+/- 36.6335
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,005.9	µg/mL	+/- 36.5980
26	Hexachlorobutadiene	87-68-3	X05J	98%	1,004.1	µg/mL	+/- 36.5328
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,005.4	µg/mL	+/- 36.5793
28	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,006.3	µg/mL	+/- 36.6144
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	990.2	µg/mL	+/- 36.0269
30	Hexachlorocyclopentadiene	77-47-4	099063P13G	99%	1,005.9	µg/mL	+/- 36.5975
31	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,004.7	µg/mL	+/- 36.5566
32	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,004.7	µg/mL	+/- 36.5571
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,005.3	µg/mL	+/- 36.5757
34	2-Nitroaniline	88-74-4	RP240715RSR	99%	1,004.8	µg/mL	+/- 36.5584
35	1,4-Dinitrobenzene	100-25-4	RP240703RSR	99%	1,004.5	µg/mL	+/- 36.5475
36	Acenaphthylene	208-96-8	214935V18H	95%	1,000.1	µg/mL	+/- 36.3888
37	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,004.9	µg/mL	+/- 36.5616
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,004.5	µg/mL	+/- 36.5489
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,005.2	µg/mL	+/- 36.5734
40	1,2-Dinitrobenzene	528-29-0	RP240701RSR	99%	1,005.9	µg/mL	+/- 36.6003
41	Acenaphthene	83-32-9	MKCR7169	99%	1,000.0	µg/mL	+/- 36.3847
42	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,004.6	µg/mL	+/- 36.5525
43	2,4-Dinitrophenol	51-28-5	D240927RSR	99%	1,005.0	µg/mL	+/- 36.5657
44	Dibenzofuran	132-64-9	MKCN1772	99%	1,005.4	µg/mL	+/- 36.5803
45	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,005.4	µg/mL	+/- 36.5803
46	4-Nitrophenol	100-02-7	20241120-1-AN	99%	1,005.7	µg/mL	+/- 36.5930
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,004.9	µg/mL	+/- 36.5616
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP240523RSR	99%	1,005.2	µg/mL	+/- 36.5739
49	Fluorene	86-73-7	10246250	98%	1,005.8	µg/mL	+/- 36.5948
50	4-Chlorophenyl phenyl ether	7005-72-3	002531K02D	99%	1,004.8	µg/mL	+/- 36.5584
51	Diethylphthalate	84-66-2	STBL3611	99%	1,005.3	µg/mL	+/- 36.5762
52	4-Nitroaniline	100-01-6	RP240830RSR	99%	1,005.5	µg/mL	+/- 36.5844
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S241008RSR	99%	1,004.8	µg/mL	+/- 36.5589

54	Diphenylamine	122-39-4	MKCT1512	99%	1,005.2	µg/mL	+/- 36.5725
55	Azobenzene	103-33-3	BCCL3292	99%	1,004.7	µg/mL	+/- 36.5566
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,005.6	µg/mL	+/- 36.5875
57	Hexachlorobenzene	118-74-1	15828800	99%	1,005.3	µg/mL	+/- 36.5789
58	Pentachlorophenol	87-86-5	RP240517RSR	99%	1,005.4	µg/mL	+/- 36.5825
59	Phenanthrene	85-01-8	MKCT3391	99%	1,004.8	µg/mL	+/- 36.5584
60	Anthracene	120-12-7	MKCW9141	99%	1,005.5	µg/mL	+/- 36.5834
61	Carbazole	86-74-8	15630800	99%	1,005.3	µg/mL	+/- 36.5789
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,005.5	µg/mL	+/- 36.5848
63	Fluoranthene	206-44-0	A0458721	99%	1,005.4	µg/mL	+/- <0.0001
64	Pyrene	129-00-0	BCCL8032	99%	1,005.2	µg/mL	+/- 36.5734
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,004.8	µg/mL	+/- 36.5584
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCR8567	99%	1,004.5	µg/mL	+/- 36.5480
67	Benz(a)anthracene	56-55-3	I60012022BAA	99%	1,005.5	µg/mL	+/- 36.5844
68	Chrysene	218-01-9	RP241212RSR	99%	1,005.5	µg/mL	+/- 36.5848
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,004.7	µg/mL	+/- 36.5548
70	Di-n-octyl phthalate	117-84-0	15817300	99%	1,004.8	µg/mL	+/- 36.5607
71	Benzo(b)fluoranthene	205-99-2	022013B	99%	1,005.1	µg/mL	+/- 36.5716
72	Benzo(k)fluoranthene	207-08-9	012022K	98%	1,004.6	µg/mL	+/- 36.5511
73	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,004.2	µg/mL	+/- 36.5377
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,004.1	µg/mL	+/- 36.5337
75	Dibenz(a,h)anthracene	53-70-3	712061504-1-1	99%	1,005.7	µg/mL	+/- 36.5930
76	Benzo(g,h,i)perylene	191-24-2	RP241014RSR	98%	1,005.4	µg/mL	+/- 36.5814

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:
N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

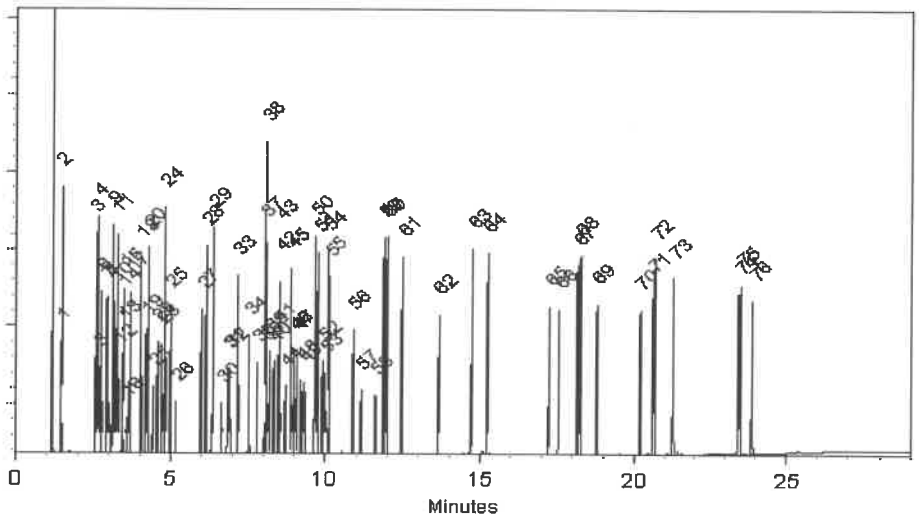
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

Date Mixed: 12-Jan-2025 **Balance Serial #** 1128360905

Dillan Murphy - Operations Technician I

Date Passed: 21-Jan-2025

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0221014

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2025 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

S13088 ↓ S13117 RC 5/20/25.

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBR4811	99%	1,005.2 µg/mL	+/- 36.5730
2	N-Nitrosodimethylamine	62-75-9	S241226RSR	99%	1,005.5 µg/mL	+/- 36.5848
3	Phenol	108-95-2	MKCK1120	99%	1,005.3 µg/mL	+/- 36.5780
4	Aniline	62-53-3	X22F726	99%	1,005.4 µg/mL	+/- 36.5816
5	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,004.7 µg/mL	+/- 36.5562
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,005.3 µg/mL	+/- 36.5766
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,004.6 µg/mL	+/- 36.5530
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,006.3 µg/mL	+/- 36.6125
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,005.5 µg/mL	+/- 36.5853
10	1,2-Dichlorobenzene	95-50-1	SHBL6287	99%	1,004.6 µg/mL	+/- 36.5507
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,004.8 µg/mL	+/- 36.5575
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,005.4 µg/mL	+/- 36.5803
13	3-Methylphenol (m-cresol)	108-39-4	STBL3873	99%	502.7 µg/mL	+/- 18.2888
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	502.6 µg/mL	+/- 18.2869
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,004.6 µg/mL	+/- 36.5502
16	Hexachloroethane	67-72-1	DAXRI	99%	1,004.6 µg/mL	+/- 36.5530
17	Nitrobenzene	98-95-3	10224044	99%	1,005.3 µg/mL	+/- 36.5780

18	Isophorone	78-59-1	MKCR3249	99%	1,004.6	µg/mL	+/-	36.5511
19	2-Nitrophenol	88-75-5	RP230710	99%	1,005.7	µg/mL	+/-	36.5916
20	2,4-Dimethylphenol	105-67-9	DIRAF	99%	1,004.9	µg/mL	+/-	36.5612
21	Bis(2-chloroethoxy)methane	111-91-1	15705100	99%	1,004.3	µg/mL	+/-	36.5402
22	2,4-Dichlorophenol	120-83-2	BCCK6969	99%	1,004.7	µg/mL	+/-	36.5571
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,004.6	µg/mL	+/-	36.5516
24	Naphthalene	91-20-3	STBL1057	99%	1,006.8	µg/mL	+/-	36.6335
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,005.9	µg/mL	+/-	36.5980
26	Hexachlorobutadiene	87-68-3	X05J	98%	1,004.1	µg/mL	+/-	36.5328
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,005.4	µg/mL	+/-	36.5793
28	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,006.3	µg/mL	+/-	36.6144
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	990.2	µg/mL	+/-	36.0269
30	Hexachlorocyclopentadiene	77-47-4	099063P13G	99%	1,005.9	µg/mL	+/-	36.5975
31	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,004.7	µg/mL	+/-	36.5566
32	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,004.7	µg/mL	+/-	36.5571
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,005.3	µg/mL	+/-	36.5757
34	2-Nitroaniline	88-74-4	RP240715RSR	99%	1,004.8	µg/mL	+/-	36.5584
35	1,4-Dinitrobenzene	100-25-4	RP240703RSR	99%	1,004.5	µg/mL	+/-	36.5475
36	Acenaphthylene	208-96-8	214935V18H	95%	1,000.1	µg/mL	+/-	36.3888
37	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,004.9	µg/mL	+/-	36.5616
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,004.5	µg/mL	+/-	36.5489
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,005.2	µg/mL	+/-	36.5734
40	1,2-Dinitrobenzene	528-29-0	RP240701RSR	99%	1,005.9	µg/mL	+/-	36.6003
41	Acenaphthene	83-32-9	MKCR7169	99%	1,000.0	µg/mL	+/-	36.3847
42	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,004.6	µg/mL	+/-	36.5525
43	2,4-Dinitrophenol	51-28-5	D240927RSR	99%	1,005.0	µg/mL	+/-	36.5657
44	Dibenzofuran	132-64-9	MKCN1772	99%	1,005.4	µg/mL	+/-	36.5803
45	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,005.4	µg/mL	+/-	36.5803
46	4-Nitrophenol	100-02-7	20241120-1-AN	99%	1,005.7	µg/mL	+/-	36.5930
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,004.9	µg/mL	+/-	36.5616
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP240523RSR	99%	1,005.2	µg/mL	+/-	36.5739
49	Fluorene	86-73-7	10246250	98%	1,005.8	µg/mL	+/-	36.5948
50	4-Chlorophenyl phenyl ether	7005-72-3	002531K02D	99%	1,004.8	µg/mL	+/-	36.5584
51	Diethylphthalate	84-66-2	STBL3611	99%	1,005.3	µg/mL	+/-	36.5762
52	4-Nitroaniline	100-01-6	RP240830RSR	99%	1,005.5	µg/mL	+/-	36.5844
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S241008RSR	99%	1,004.8	µg/mL	+/-	36.5589

54	Diphenylamine	122-39-4	MKCT1512	99%	1,005.2	µg/mL	+/- 36.5725
55	Azobenzene	103-33-3	BCCL3292	99%	1,004.7	µg/mL	+/- 36.5566
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,005.6	µg/mL	+/- 36.5875
57	Hexachlorobenzene	118-74-1	15828800	99%	1,005.3	µg/mL	+/- 36.5789
58	Pentachlorophenol	87-86-5	RP240517RSR	99%	1,005.4	µg/mL	+/- 36.5825
59	Phenanthrene	85-01-8	MKCT3391	99%	1,004.8	µg/mL	+/- 36.5584
60	Anthracene	120-12-7	MKCW9141	99%	1,005.5	µg/mL	+/- 36.5834
61	Carbazole	86-74-8	15630800	99%	1,005.3	µg/mL	+/- 36.5789
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,005.5	µg/mL	+/- 36.5848
63	Fluoranthene	206-44-0	A0458721	99%	1,005.4	µg/mL	+/- <0.0001
64	Pyrene	129-00-0	BCCL8032	99%	1,005.2	µg/mL	+/- 36.5734
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,004.8	µg/mL	+/- 36.5584
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCR8567	99%	1,004.5	µg/mL	+/- 36.5480
67	Benz(a)anthracene	56-55-3	I60012022BAA	99%	1,005.5	µg/mL	+/- 36.5844
68	Chrysene	218-01-9	RP241212RSR	99%	1,005.5	µg/mL	+/- 36.5848
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,004.7	µg/mL	+/- 36.5548
70	Di-n-octyl phthalate	117-84-0	15817300	99%	1,004.8	µg/mL	+/- 36.5607
71	Benzo(b)fluoranthene	205-99-2	022013B	99%	1,005.1	µg/mL	+/- 36.5716
72	Benzo(k)fluoranthene	207-08-9	012022K	98%	1,004.6	µg/mL	+/- 36.5511
73	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,004.2	µg/mL	+/- 36.5377
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,004.1	µg/mL	+/- 36.5337
75	Dibenz(a,h)anthracene	53-70-3	712061504-1-1	99%	1,005.7	µg/mL	+/- 36.5930
76	Benzo(g,h,i)perylene	191-24-2	RP241014RSR	98%	1,005.4	µg/mL	+/- 36.5814

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:
N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

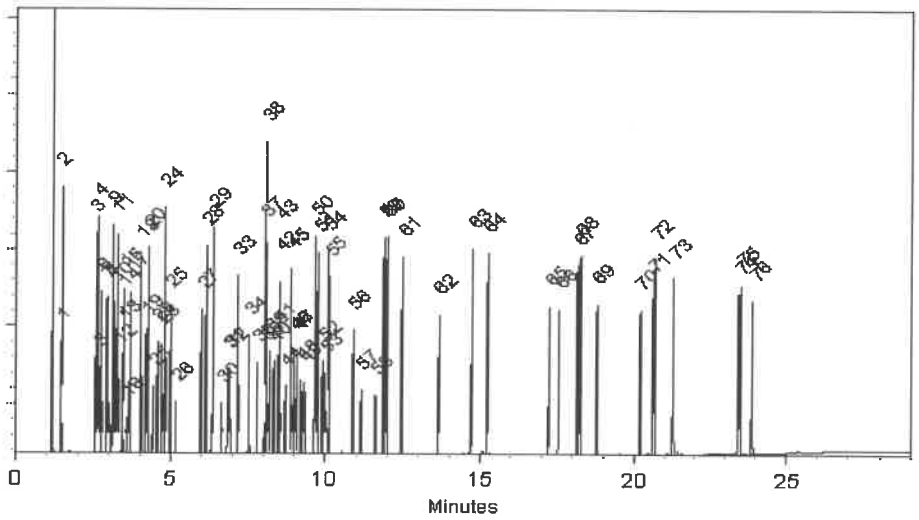
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

Date Mixed: 12-Jan-2025 **Balance Serial #** 1128360905

Dillan Murphy - Operations Technician I

Date Passed: 21-Jan-2025

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31853 **Lot No.:** A0218894

Description : 1,4-dioxane

1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2029 **Storage:** 0°C or colder

Ship: Ambient

513118 ↓ 513147 RC/ 5/20/25.

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dioxane	123-91-1	SHBQ1693	99%	2,002.4 µg/mL	+/- 24.9202

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

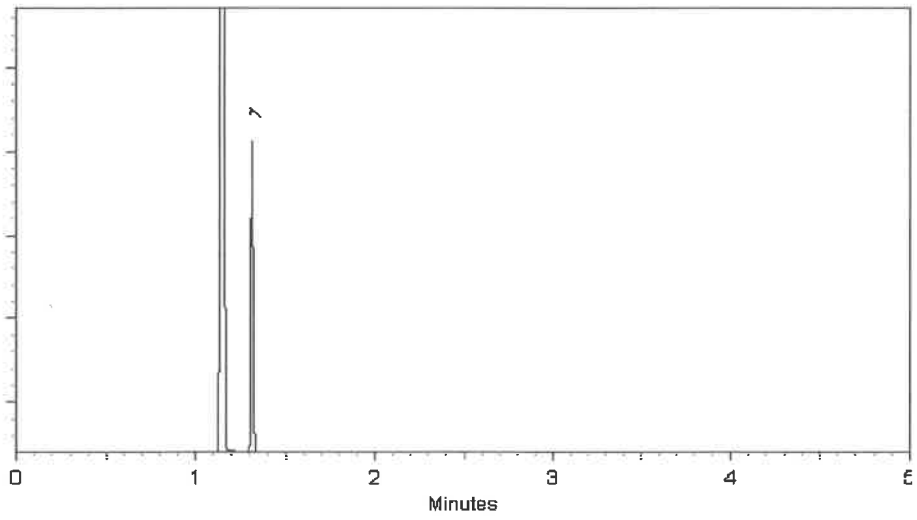
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

Date Mixed: 07-Nov-2024 **Balance Serial #** 1128360905

Dillan Murphy - Operations Technician I

Date Passed: 11-Nov-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Catalog No. : 31853 **Lot No.:** A0218894

Description : 1,4-dioxane

1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2029 **Storage:** 0°C or colder

Ship: Ambient

513118 ↓ 513147 } RC/ 5/20/25.

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dioxane	123-91-1	SHBQ1693	99%	2,002.4 µg/mL	+/- 24.9202

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

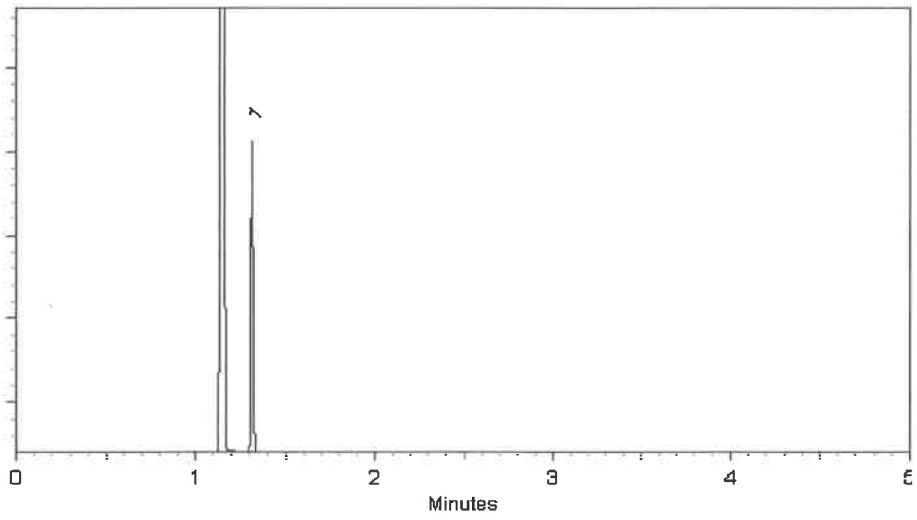
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

Date Mixed: 07-Nov-2024 **Balance Serial #** 1128360905

Dillan Murphy - Operations Technician I

Date Passed: 11-Nov-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31853 **Lot No.:** A0218894

Description : 1,4-dioxane

1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2029 **Storage:** 0°C or colder

Ship: Ambient

513118 ↓ 513147 } RC/ 5/20/25.

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dioxane	123-91-1	SHBQ1693	99%	2,002.4 µg/mL	+/- 24.9202

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

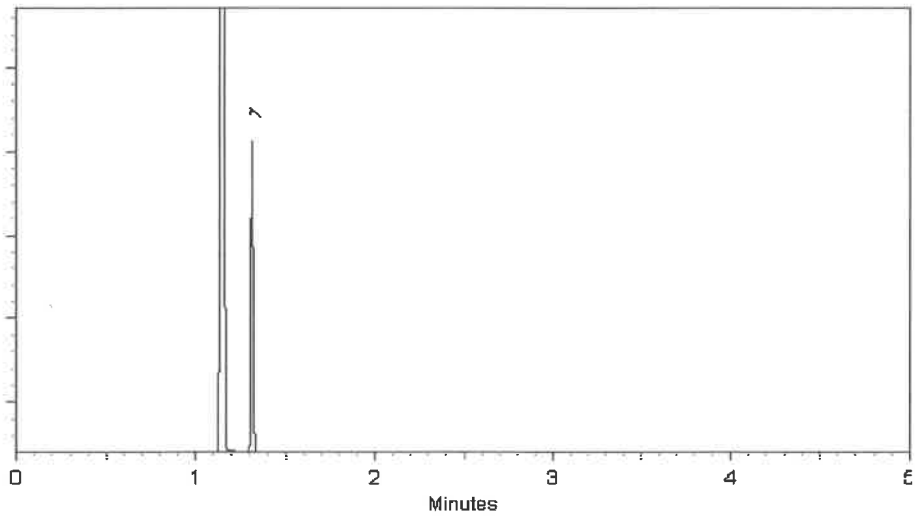
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

Date Mixed: 07-Nov-2024 **Balance Serial #** 1128360905

Dillan Murphy - Operations Technician I

Date Passed: 11-Nov-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555871 **Lot No.:** A0226283

Description : Custom 4-Nitrophenol Standard

Custom 4-Nitrophenol Standard 25,000µg/mL, Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2028 **Storage:** 10°C or colder

Ship: Ambient

S13158 ↓ S13167 } RC/ 6/4/25

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	4-Nitrophenol	100-02-7	20241120-1-AN	99%	25,192.0 µg/mL	+/- 783.0517

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Morgan Craighead - Mix Technician

Date Mixed: 02-Jun-2025 **Balance:** C322230531

REVIEWED By Dillon Murphy at 11:21 am, Jun 03, 2025

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31206 **Lot No.:** A0224359

Description : SV Internal Standard Mix 2mg/ml

SV Internal Standard Mix 2mg/ml 2000 µg/ml, Methylene Chloride, 1mL/ampul

S13168 ↓ S13197 AC 6/9/25

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 31, 2031 **Storage:** 10°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	2,000.0 µg/mL	+/- 90.0812
2	Naphthalene-d8	1146-65-2	M-2180	99%	2,000.8 µg/mL	+/- 90.1187
3	Acenaphthene-d10	15067-26-2	PR-33507	99%	2,000.8 µg/mL	+/- 90.1187
4	Phenanthrene-d10	1517-22-2	PR-34099	99%	2,000.0 µg/mL	+/- 90.0812
5	Chrysene-d12	1719-03-5	PR-33506	99%	2,000.8 µg/mL	+/- 90.1187
6	Perylene-d12	1520-96-3	PR-33205	99%	2,000.0 µg/mL	+/- 90.0812

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31206 **Lot No.:** A0224359

Description : SV Internal Standard Mix 2mg/ml

SV Internal Standard Mix 2mg/ml 2000 µg/ml, Methylene Chloride, 1mL/ampul

S13168 ↓ S13197 AC 6/9/25

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 31, 2031 **Storage:** 10°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	2,000.0 µg/mL	+/- 90.0812
2	Naphthalene-d8	1146-65-2	M-2180	99%	2,000.8 µg/mL	+/- 90.1187
3	Acenaphthene-d10	15067-26-2	PR-33507	99%	2,000.8 µg/mL	+/- 90.1187
4	Phenanthrene-d10	1517-22-2	PR-34099	99%	2,000.0 µg/mL	+/- 90.0812
5	Chrysene-d12	1719-03-5	PR-33506	99%	2,000.8 µg/mL	+/- 90.1187
6	Perylene-d12	1520-96-3	PR-33205	99%	2,000.0 µg/mL	+/- 90.0812

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

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Catalog No. : 31206 **Lot No.:** A0224359

Description : SV Internal Standard Mix 2mg/ml

SV Internal Standard Mix 2mg/ml 2000 µg/ml, Methylene Chloride, 1mL/ampul

S13168 ↓ S13197 AC 6/9/25

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 31, 2031 **Storage:** 10°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	2,000.0 µg/mL	+/- 90.0812
2	Naphthalene-d8	1146-65-2	M-2180	99%	2,000.8 µg/mL	+/- 90.1187
3	Acenaphthene-d10	15067-26-2	PR-33507	99%	2,000.8 µg/mL	+/- 90.1187
4	Phenanthrene-d10	1517-22-2	PR-34099	99%	2,000.0 µg/mL	+/- 90.0812
5	Chrysene-d12	1719-03-5	PR-33506	99%	2,000.8 µg/mL	+/- 90.1187
6	Perylene-d12	1520-96-3	PR-33205	99%	2,000.0 µg/mL	+/- 90.0812

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

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Catalog No. : 31206 **Lot No.:** A0224359

Description : SV Internal Standard Mix 2mg/ml

SV Internal Standard Mix 2mg/ml 2000 µg/ml, Methylene Chloride, 1mL/ampul

S13168 ↓ S13197 AC 6/9/25

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 31, 2031 **Storage:** 10°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	2,000.0 µg/mL	+/- 90.0812
2	Naphthalene-d8	1146-65-2	M-2180	99%	2,000.8 µg/mL	+/- 90.1187
3	Acenaphthene-d10	15067-26-2	PR-33507	99%	2,000.8 µg/mL	+/- 90.1187
4	Phenanthrene-d10	1517-22-2	PR-34099	99%	2,000.0 µg/mL	+/- 90.0812
5	Chrysene-d12	1719-03-5	PR-33506	99%	2,000.8 µg/mL	+/- 90.1187
6	Perylene-d12	1520-96-3	PR-33205	99%	2,000.0 µg/mL	+/- 90.0812

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

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Catalog No. : 31206 **Lot No.:** A0224359

Description : SV Internal Standard Mix 2mg/ml

SV Internal Standard Mix 2mg/ml 2000 µg/ml, Methylene Chloride, 1mL/ampul

S13168 ↓ S13197 AC 6/9/25

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 31, 2031 **Storage:** 10°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	2,000.0 µg/mL	+/- 90.0812
2	Naphthalene-d8	1146-65-2	M-2180	99%	2,000.8 µg/mL	+/- 90.1187
3	Acenaphthene-d10	15067-26-2	PR-33507	99%	2,000.8 µg/mL	+/- 90.1187
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6	Perylene-d12	1520-96-3	PR-33205	99%	2,000.0 µg/mL	+/- 90.0812

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

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S13198 → S13207 AC 6/11/25

Catalog No. : 555868 **Lot No.:** A0226493

Description : Custom Benzidine Standard

Custom Benzidine Standard 25,000µg/mL, Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2028 **Storage:** 10°C or colder

Handling: Contains carcinogen/reproductive toxin. **Ship:** Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Benzidine	92-87-5	S250227ECS	99%	25,004.0 µg/mL	+/- 495.8040

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Laith Clemente - Operations Technician I

Date Mixed: 09-Jun-2025 **Balance:** 1122030677

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

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AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 70434
Lot Number: 121622
Description: Acetophenone

Solvent(s): **Lot#**
Methylene chloride C21F09CAS0000DCM

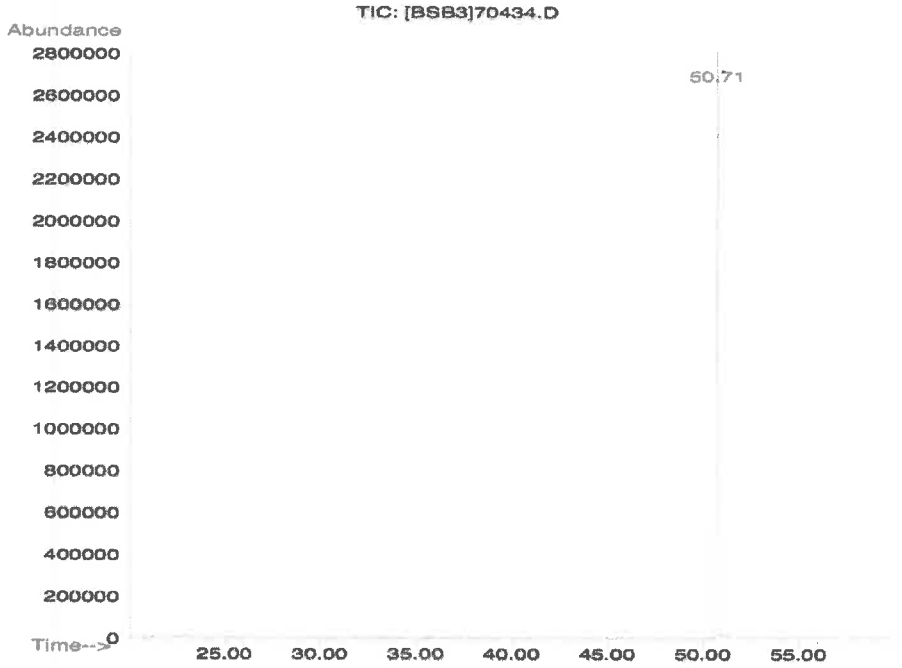
Expiration Date: 121627
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 6UTB

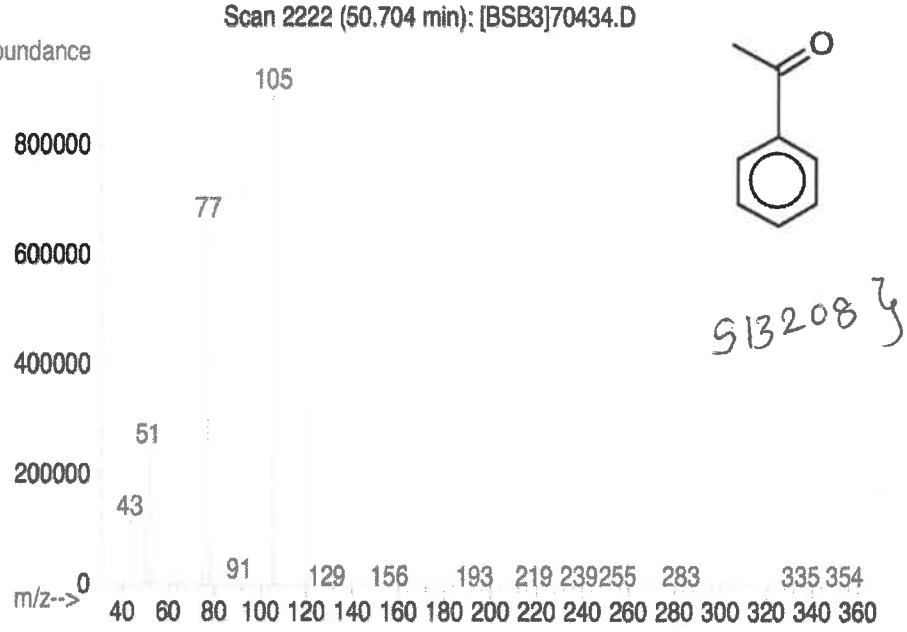
Weight(s) shown below were combined and diluted to (mL): 50.0 | 5E-05 Balance Uncertainty | 0.001 Flask Uncertainty

121622	
Formulated By: Benson Chan	DATE
121622	
Reviewed By: Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acetophenone	434	04511JX	1000	99	0.2	0.05055	0.05075	1004.0	4.5	98-86-2	N/A	orl-rat 815mg/kg

Method: GC6MSD-1. **Detector:** MSD. **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (10min.), Temp. 2 = 200°C (8.75 min.), Rate = 4°C/min., Injector Temp.= 200°C, Detector Temp. = 220°C. **Analyst:** Candice Warren. Solvent delay = 25 minutes.





513208 Y RC/ 6/19/25

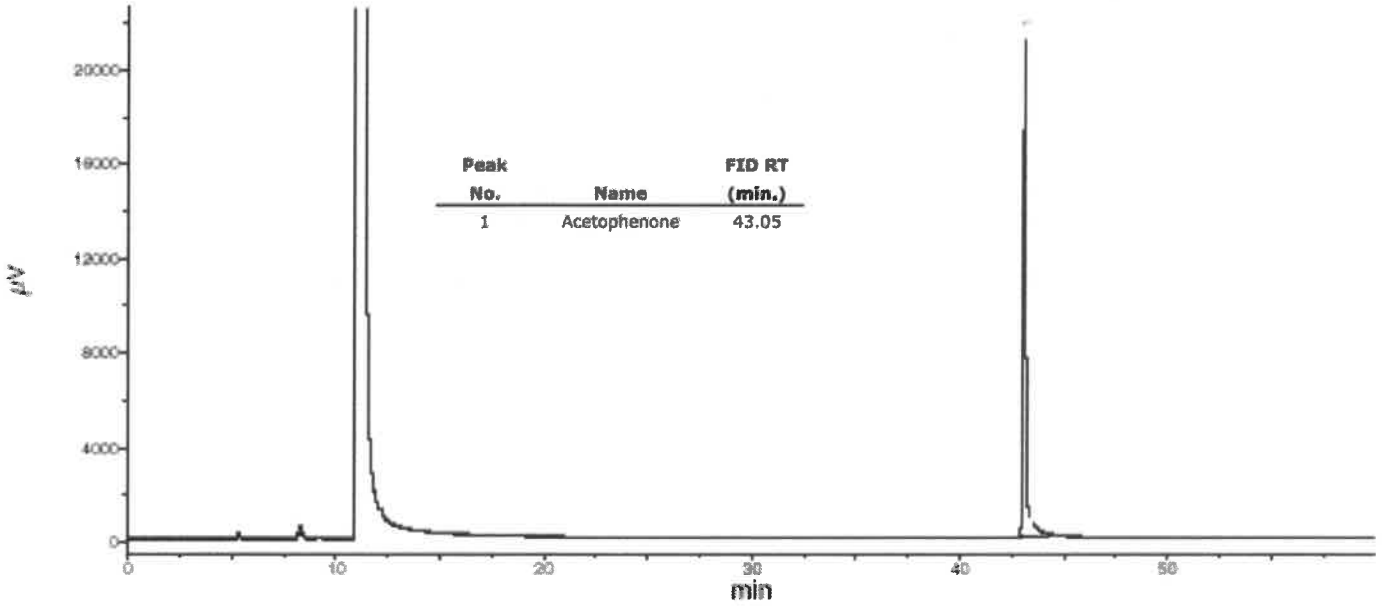
- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

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Comments
GC13-M1 Analysis by Melissa Stonier
Column ID SPB-Vocol 105 meter X 0.53mm X 3.0µm film thickness
Flow rates: Total flow=290mL/min., Helium (carrier)=10mL/min.,
Helium(make-up)=10mL/min., Hydogen(make-up)=40mL/min., Air(make-up)=230mL/min.
Oven Profile: Temp. 1=35°C (Time 1=10 min.), Temp 2=200°C (Time 2=8.75 min.),
Rate = 4°C/min., Total run time=60 min. Injector temp.=200°C, FID Temp.=200°C.
FID Signal = Edaq Channel 1
Standard injection = 0.5µL, Range=3



Peak No.	Name	FID RT (min.)
1	Acetophenone	43.05

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CERTIFIED WEIGHT REPORT

Part Number: 91126
Lot Number: 060625
Description: Benzoic acid

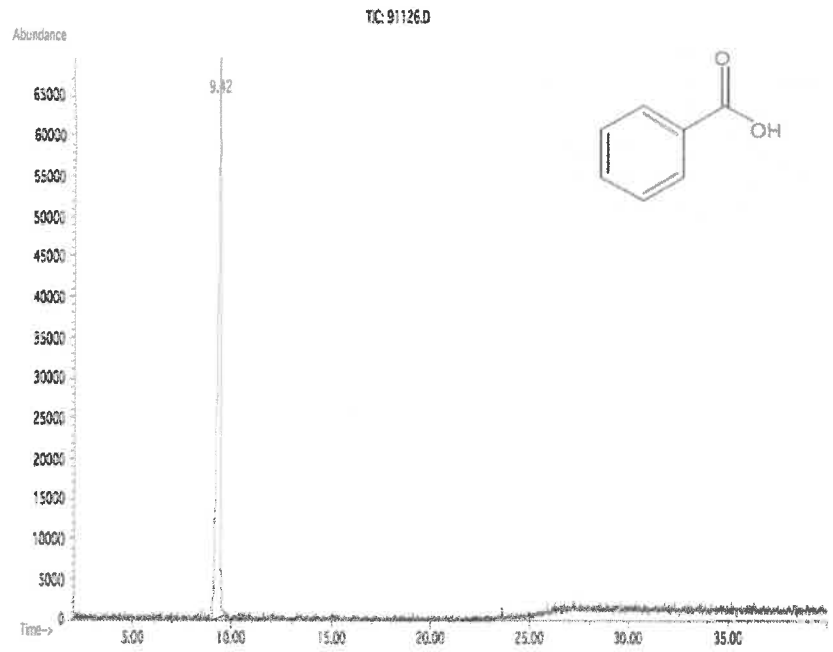
Solvent(s): **Lot#**
Methylene chloride 23343

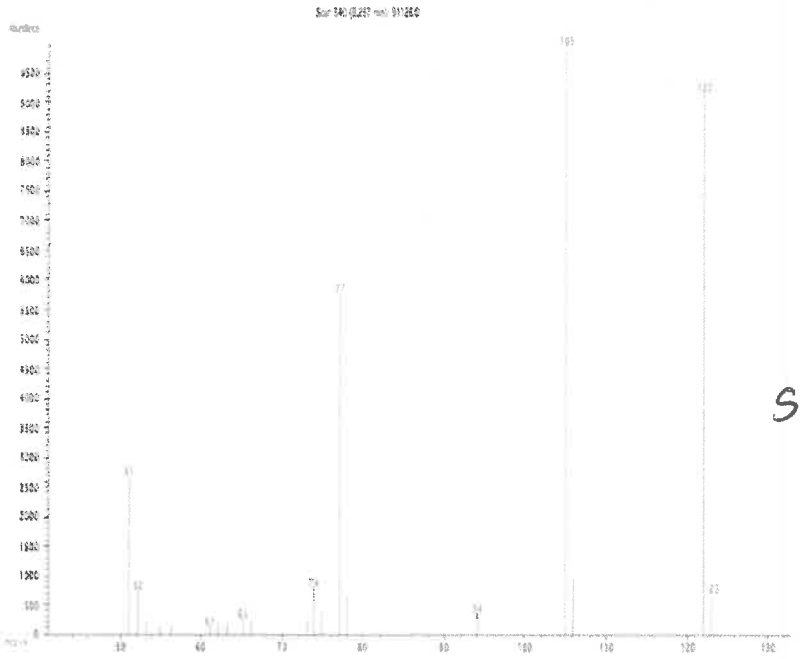
Expiration Date: 060630
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 2000
NIST Test ID#: 6UTB 5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 100.0 0.031 Flask Uncertainty

060625	
Formulated By: Anthony Mahoney	DATE
060625	
Reviewed By: Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Benzoic acid	34	11930AW	2000.0	99	0.2	0.20211	0.20227	2001.6	8.2	65-85-0	N/A	orl-rat 1700mg/kg

Method GC8MSD-3.M: Column:SPB-5 (30m X 0.25mm ID X 0.25µm film thickness) Temp 1 = 50°C (1min.), Temp 2 = 300°C (9min.), Rate = 10°C/min., Injector B= 200°C. Detector B = 275°C, Split Ratio = 100:1, Scan Rate = 2. Analysis performed by: Melissa Stonier.





S132097 RC 6/19/25

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated by an ISO 17025 certified organization with weights traceable through NIST to the SI kilogram (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Rev 1.0, 2/25/2025

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CERTIFIED WEIGHT REPORT

Part Number: 34571
Lot Number: 092324
Description: 1,2,4,5-Tetrachlorobenzene

Solvent(s): Methanol **Lot#** EI863-US

Expiration Date: 092334
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB

5E-05 Balance Uncertainty
0.004 Flask Uncertainty

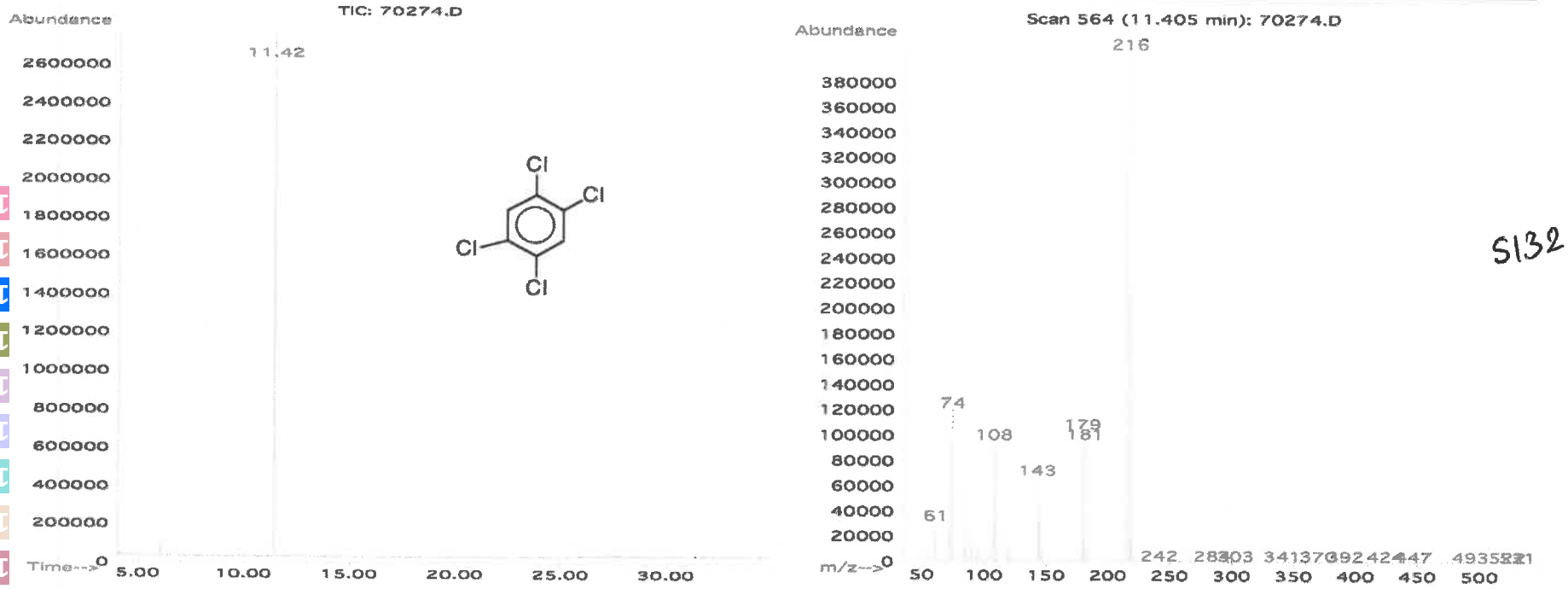
Weight(s) shown below were combined and diluted to (mL): 25.0

CAUTION: Sonicate Before Use

Formulated By:	Lawrence Barry	092324 DATE
Reviewed By:	Pedro L. Rentas	092324 DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. 1,2,4,5-Tetrachlorobenzene	274	10408AS	5000	98	0.20	0.12761	0.12765	5001.4	20.8	95-94-3	N/A	orl-rat 1500mg/kg

Method GC8MSD-3.M: Column:SPB-5 (30m X 0.25mm ID X 0.25µm film thickness) Temp 1 = 50°C (1min.), Temp 2 = 300°C (9min.), Rate = 10°C/min., Injector B= 200°C, Detector B = 275°C, Split Ratio = 100:1, Scan Rate = 2. Analysis performed by: Gina McLane.



S132113 RC 6/19/25.

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

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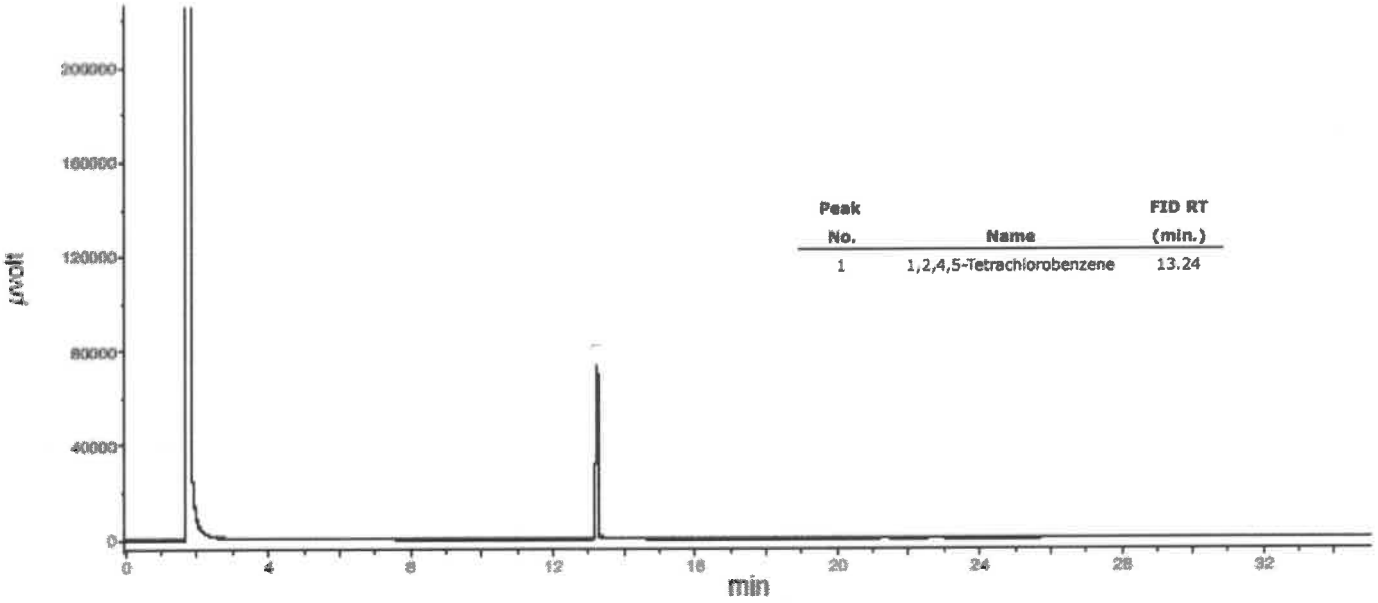
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https://Absolutestandards.com

Run 31, "P34571 L092324 [5000µg/mL in MeOH]"

Run Length: 35.00 min, 20999 points at 10 points/second.
Created: Fri, Jan 3, 2025 at 11:24:40 AM.
Sampled: Sequence "010225-GC4M1", Method "GC4-M1".
Analyzed using Method "GC4-M1".

Comments

GC4-M1 Analysis by Melissa Stonier
Column ID SPB5 L#60062-01A : 30 meter x 0.53mm x 1.5um Film Thickness
Flow rates; Total Flow = 300 ml/min, Helium (carrier) = 6.5 mL, Helium (make-up) = 25 mL, Hydrogen (detector) = 30 mL, Air (detector) =360 mL
Oven Temp 1 = 50°C (1 min), Rate = 10°C/min, Oven Temp 2 = 300°C (9 min), Total Run Time = 35 Minutes.
Injector Temp = 200°C, FID Temp = 300°C, FID Signal = eDaq Channel 1.
Gas Chromatograph = HP 5890, Auto Sampler = HP 7673, Standard Injection = 0.5 uL, Range = 7



Peak No.	Name	FID RT (min.)
1	1,2,4,5-Tetrachlorobenzene	13.24

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31879 **Lot No.:** A0221395

Description : Benzoic Acid Mix

Benzoic Acid 2000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2029 **Storage:** 10°C or colder

Ship: Ambient

S13214 ↓ S13218 AC 7/10/25

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Benzoic acid	65-85-0	MKCR2694	99%	2,002.2 µg/mL	+/- 60.5426

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 582978 **Lot No.:** A0228192

513229 ↓ 513238 } RC/ 8/1/25

Description : Custom Calibration Standard - C8

Custom Calibration Standard - C8 2,000µg/mL, Methylene chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2028 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	N-Nitrosodimethylamine	62-75-9	S241226RSR	99%	2,000.0 µg/mL	+/- 35.7537
2	Aniline	62-53-3	X22F726	99%	2,002.5 µg/mL	+/- 35.7984
3	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	2,005.0 µg/mL	+/- 35.8431
4	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	2,005.0 µg/mL	+/- 35.8431
5	Benzyl alcohol	100-51-6	094986W07G	99%	2,015.0 µg/mL	+/- 36.0218
6	1,2-Dichlorobenzene	95-50-1	SHBR4446	99%	2,015.0 µg/mL	+/- 36.0218
7	1,2,4-Trichlorobenzene	120-82-1	SHBR1701	99%	2,020.0 µg/mL	+/- 36.1112
8	Azobenzene	103-33-3	BCCL3292	99%	2,005.0 µg/mL	+/- 35.8431

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

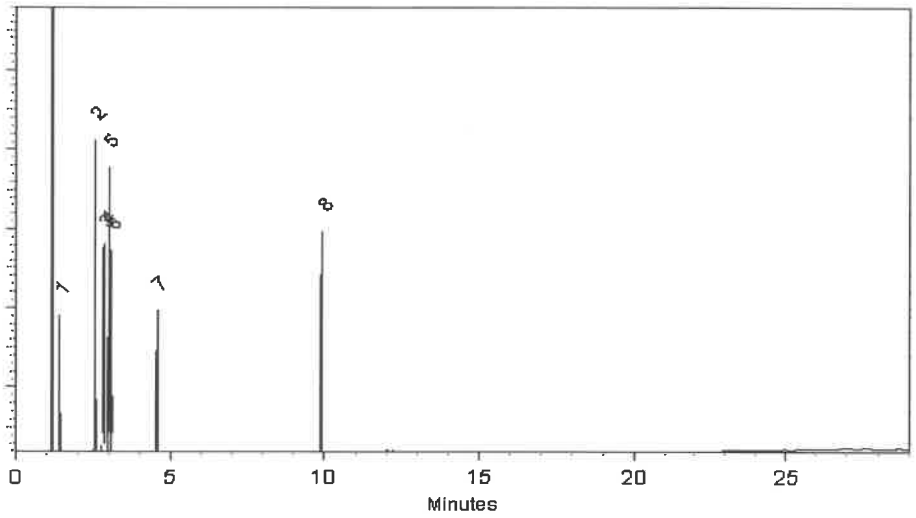
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Wilner Torres - Operation Tech I **Date Mixed:** 27-Jul-2025 **Balance Serial #** B345965662

Jennifer Pollino - Operations Tech III - ARM QC **Date Passed:** 30-Jul-2025 REVIEWED

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555223 **Lot No.:** A0228451

S13239 ↓ S13268 } RC 08/06/25

Description : Custom 8270 Plus Standard #1

Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2027 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S250226RSR	99%	1,006.0 µg/mL	+/- 23.0947
2	Atrazine	1912-24-9	5FYWL	99%	1,007.0 µg/mL	+/- 23.1176
3	Benzidine	92-87-5	S250227ECS	99%	1,003.0 µg/mL	+/- 23.0258
4	epsilon-Caprolactam	105-60-2	Y16H012	99%	1,003.0 µg/mL	+/- 23.0258

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tom Suckar - Mix Technician **Date Mixed:** 01-Aug-2025 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555223 **Lot No.:** A0228451

S13239 ↓ S13268 } RC 08/06/25

Description : Custom 8270 Plus Standard #1

Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2027 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S250226RSR	99%	1,006.0 µg/mL	+/- 23.0947
2	Atrazine	1912-24-9	5FYWL	99%	1,007.0 µg/mL	+/- 23.1176
3	Benzidine	92-87-5	S250227ECS	99%	1,003.0 µg/mL	+/- 23.0258
4	epsilon-Caprolactam	105-60-2	Y16H012	99%	1,003.0 µg/mL	+/- 23.0258

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tom Suckar - Mix Technician **Date Mixed:** 01-Aug-2025 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Catalog No. : 555223 **Lot No.:** A0228451

S13239 ↓ S13268 } RC 08/06/25

Description : Custom 8270 Plus Standard #1

Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2027 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S250226RSR	99%	1,006.0 µg/mL	+/- 23.0947
2	Atrazine	1912-24-9	5FYWL	99%	1,007.0 µg/mL	+/- 23.1176
3	Benzidine	92-87-5	S250227ECS	99%	1,003.0 µg/mL	+/- 23.0258
4	epsilon-Caprolactam	105-60-2	Y16H012	99%	1,003.0 µg/mL	+/- 23.0258

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tom Suckar - Mix Technician **Date Mixed:** 01-Aug-2025 **Balance:** 1128360905

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Catalog No. : 555223 **Lot No.:** A0228451

S13239 ↓ S13268 } RC 08/06/25

Description : Custom 8270 Plus Standard #1

Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2027 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S250226RSR	99%	1,006.0 µg/mL	+/- 23.0947
2	Atrazine	1912-24-9	5FYWL	99%	1,007.0 µg/mL	+/- 23.1176
3	Benzidine	92-87-5	S250227ECS	99%	1,003.0 µg/mL	+/- 23.0258
4	epsilon-Caprolactam	105-60-2	Y16H012	99%	1,003.0 µg/mL	+/- 23.0258

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tom Suckar - Mix Technician **Date Mixed:** 01-Aug-2025 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Catalog No. : 555223 **Lot No.:** A0228451

S13239 ↓ S13268 } RC 08/06/25

Description : Custom 8270 Plus Standard #1

Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2027 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S250226RSR	99%	1,006.0 µg/mL	+/- 23.0947
2	Atrazine	1912-24-9	5FYWL	99%	1,007.0 µg/mL	+/- 23.1176
3	Benzidine	92-87-5	S250227ECS	99%	1,003.0 µg/mL	+/- 23.0258
4	epsilon-Caprolactam	105-60-2	Y16H012	99%	1,003.0 µg/mL	+/- 23.0258

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tom Suckar - Mix Technician **Date Mixed:** 01-Aug-2025 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Catalog No. : 555223 **Lot No.:** A0228451

S13239 ↓ S13268 } RC 08/06/25

Description : Custom 8270 Plus Standard #1

Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2027 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S250226RSR	99%	1,006.0 µg/mL	+/- 23.0947
2	Atrazine	1912-24-9	5FYWL	99%	1,007.0 µg/mL	+/- 23.1176
3	Benzidine	92-87-5	S250227ECS	99%	1,003.0 µg/mL	+/- 23.0258
4	epsilon-Caprolactam	105-60-2	Y16H012	99%	1,003.0 µg/mL	+/- 23.0258

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tom Suckar - Mix Technician **Date Mixed:** 01-Aug-2025 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555224 **Lot No.:** A0228494

S13269 ↓ S13298 } RC 08/06/25

Description : Custom 8270 Plus Standard #2

Custom 8270 Plus Standard #2 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2027 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2,4,5-Tetrachlorobenzene	95-94-3	MKCT9480	99%	1,002.0 µg/mL	+/- 29.453715
2	Acetophenone	98-86-2	STBH8205	99%	1,001.0 µg/mL	+/- 29.424320
3	Benzaldehyde	100-52-7	RD250319RSR	99%	1,003.0 µg/mL	+/- 29.483110
4	Benzoic acid	65-85-0	MKCX1578	99%	1,001.0 µg/mL	+/- 29.424320
5	Biphenyl	92-52-4	MKCS5928	99%	1,002.0 µg/mL	+/- 29.453715

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Laith Clemente - Operations Technician I **Date Mixed:** 04-Aug-2025 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555869 **Lot No.:** A0201702

Description : Custom Hexachlorocyclopentadiene Standard

Custom Hexachlorocyclopentadiene Standard 25,000µg/mL, Methanol, 1mL/ampul

513148 ↓ 513157 RC 11/13/23

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2026 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Hexachlorocyclopentadiene	77-47-4	099063P13G	99%	25,244.0 µg/mL	+/- 450.6896

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Brittany Federinko - Operations Tech I

Date Mixed: 05-Sep-2023 **Balance:** B707717271

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 · Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q3399
COC Number 2044531

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: ICE service Group, INC.
ADDRESS: 125 Bloomingdale RD
CITY Levittown STATE: N.Y ZIP:
ATTENTION: Dennis d. morgan, ii
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: ICES 02
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#:
ADDRESS:
CITY Staten STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): 72 HR TAT DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

- ❑ Level 1 (Results Only)
- ❑ Level 2 (Results + QC)
- ❑ Level 3 (Results + QC + Raw Data)
- ❑ Level 4 (QC + Full Raw Data)
- ❑ NJ Reduced ❑ US EPA CLP
- ❑ NYS ASP A ❑ NYS ASP B
- ❑ Other _____
- ❑ EDD FORMAT _____

ANALYSIS

1 TCL 2 TCLP 3. Hexid 4 PE 5 RL 6 7 8 9

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	Comp-Roll OFF	SOL	X		10-20-25	12:00	6			X	X	X					PID= 1.3
2.	"	"		X	"	12:04	3	X	X								PID= 1.3
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	1700 10.20.2025	1.
2.		2.
3.	1754 10.20.2025	3.

Conditions of bottles or coolers at receipt: ❑ COMPLIANT ❑ NON COMPLIANT ☒ COOLER TEMP 3.5 °C
Comments: *PID Meter Calibrated 10.20.2025 *
Equal Volume of soil used,

Page ____ of

CLIENT: ❑ Hand Delivered ❑ Other

Shipment Complete ❑ YES ❑ NO

Copyright © 2024

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

1

CHEMTECH
Environmental Laboratory
www.chemtech.net | EMAIL: PM@chemtech.net

Project Name: ICES 02
Service Order #:
Work Order #:
Labor WBS #:
Facility/Site:
Site Address: 125 Bloomingdale Rd. Levittown, N.Y.

Chemtech Order ID:
Sampler Name: Lawrence Cerami
Client Project Coordinator & Phone:

Page #: 1 of 1
Date: 10.20.2025
Arrive Time: 11:28 am
Depart Time: 1300

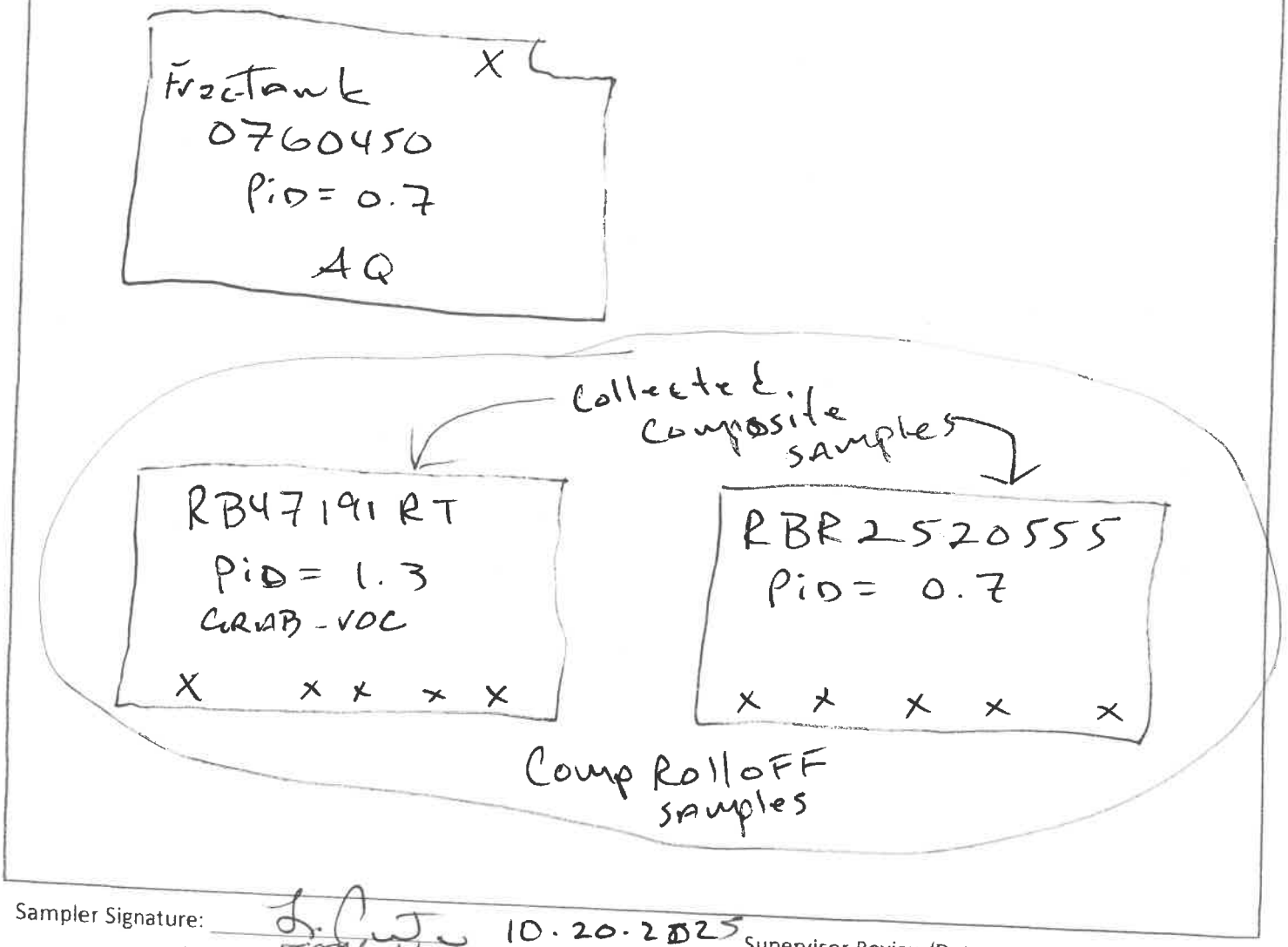
Waste Stream (circle one): drum / (roll-off) / soil pile / in-situ / linear construction / (frac-tank)
Sample Matrices (circle all that apply): Water / (Solid) / NAPL / Concrete / Wipe / (AQ)

Collection Depths:
Dimensions/CY:
Temp (range): °C PID Readings (range): PPM Odor: Y / (N) Color (Y) / N

Sample Description: Water Soil, Soil water Bonder, Brown AQ.
Field Observations: Sampled, RB47191RT, RBR2520555, Fractank 0760450 (Comp RollOFF)

Grid/Area Composite Map:

QA Control # A3041134



Sampler Signature: 10.20.2025
Client Signature:
Supervisor Review/Date:

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3399 ICES02
Client Name : ICE Service Group, Inc.
Client Contact : Dennis D. Morgan, II
Invoice Name : ICE Service Group, Inc.
Invoice Contact : Dennis D. Morgan, II

Order Date : 10/20/2025 1:23:08 PM
Project Name : NWIRP Northrup Grummar
Receive DateTime : 10/20/2025 ~~12:00:00 AM~~ 5:54 PM
Purchase Order :

Project Mgr :
Report Type : NYS ASP A
EDD Type : NYSDEC EDD V-4
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3399-03	COMP-ROLLOFF	Solid	10/20/2025	12:04					
					VOC-TCLVOA-10		8260D		3 Bus. Days

Relinquished By :
Date / Time : 10/21/25 0740

Received By :
Date / Time : 10/21/25 08:00 Ag #6 D2

Storage Area : VOA Refridgerator Room

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143876.D
Acq On : 06 Oct 2025 10:28
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Oct 06 15:37:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	137596	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	524114	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	303230	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	538298	20.000	ng		0.00
76) Chrysene-d12	14.057	240	379937	20.000	ng		-0.01
86) Perylene-d12	15.539	264	317181	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	94810	10.942	ng		-0.01
7) Phenol-d6	6.493	99	111877	10.832	ng		-0.02
23) Nitrobenzene-d5	7.440	82	85080	9.862	ng		-0.02
42) 2,4,6-Tribromophenol	10.710	330	29360	9.721	ng		-0.01
45) 2-Fluorobiphenyl	9.239	172	237689	12.438	ng		-0.01
79) Terphenyl-d14	12.998	244	247223	11.121	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.646	88	21110	5.265	ng		96
3) Pyridine	3.422	79	58179	4.984	ng		96
4) n-Nitrosodimethylamine	3.340	42	29825	4.857	ng	#	96
6) Aniline	6.540	93	82563	5.335	ng		99
8) 2-Chlorophenol	6.663	128	45534	5.376	ng		96
9) Benzaldehyde	6.428	77	40962	5.141	ng		98
10) Phenol	6.510	94	71626	5.801	ng		89
11) bis(2-Chloroethyl)ether	6.610	93	51163	5.364	ng		98
12) 1,3-Dichlorobenzene	6.822	146	59929	5.911	ng		96
13) 1,4-Dichlorobenzene	6.898	146	56869	5.686	ng		98
14) 1,2-Dichlorobenzene	7.051	146	54371	5.676	ng		96
15) Benzyl Alcohol	7.016	79	38042	4.916	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	121082	5.577	ng		99
17) 2-Methylphenol	7.122	107	36595	5.228	ng		97
18) Hexachloroethane	7.398	117	18346	5.501	ng		96
19) n-Nitroso-di-n-propyla...	7.281	70	39050	5.524	ng		98
20) 3+4-Methylphenols	7.275	107	47623	5.870	ng	#	87
22) Acetophenone	7.287	105	67515	6.092	ng		95
24) Nitrobenzene	7.457	77	48413	5.054	ng		96
25) Isophorone	7.692	82	98761	5.429	ng		100
26) 2-Nitrophenol	7.775	139	15870	3.864	ng		93
27) 2,4-Dimethylphenol	7.810	122	37645	5.095	ng		97
28) bis(2-Chloroethoxy)met...	7.910	93	66779	5.812	ng		99
29) 2,4-Dichlorophenol	8.016	162	41484	5.390	ng		97
30) 1,2,4-Trichlorobenzene	8.104	180	43309	5.722	ng		100
31) Naphthalene	8.187	128	144561	6.063	ng		100
32) Benzoic acid	7.863	122	10771	2.106	ng		94
33) 4-Chloroaniline	8.234	127	48181	5.388	ng		97
34) Hexachlorobutadiene	8.304	225	30246	5.751	ng		99
35) Caprolactam	8.704	113	1222	0.499	ng	#	19
36) 4-Chloro-3-methylphenol	8.704	107	39500	5.343	ng		99
37) 2-Methylnaphthalene	8.875	142	97227	6.122	ng		100
38) 1-Methylnaphthalene	8.975	142	94190	6.114	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	46252	5.519	ng		93
41) Hexachlorocyclopentadiene	9.028	237	12812	3.685	ng		95
43) 2,4,6-Trichlorophenol	9.151	196	30908	5.047	ng		98

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143876.D
Acq On : 06 Oct 2025 10:28
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Oct 06 15:37:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	33613	5.194	ng		94
46) 1,1'-Biphenyl	9.339	154	122568	6.105	ng		100
47) 2-Chloronaphthalene	9.363	162	98102	5.861	ng		98
48) 2-Nitroaniline	9.457	65	22188	4.193	ng		98
49) Acenaphthylene	9.781	152	136204	5.788	ng		98
50) Dimethylphthalate	9.634	163	109323	5.677	ng		98
51) 2,6-Dinitrotoluene	9.698	165	15228	4.265	ng		97
52) Acenaphthene	9.951	154	89242	5.787	ng		98
53) 3-Nitroaniline	9.869	138	19400	4.437	ng	#	97
54) 2,4-Dinitrophenol	9.975	184	3047	8.204	ng	#	47
55) Dibenzofuran	10.128	168	127374	5.852	ng		99
56) 4-Nitrophenol	10.016	139	11507	3.476	ng		86
57) 2,4-Dinitrotoluene	10.098	165	19103	3.932	ng	#	97
58) Fluorene	10.469	166	105607	6.430	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	20888	4.560	ng	#	96
60) Diethylphthalate	10.339	149	100010	5.590	ng		100
61) 4-Chlorophenyl-phenyle...	10.463	204	52199	6.011	ng		95
62) 4-Nitroaniline	10.475	138	19447	4.625	ng		95
63) Azobenzene	10.622	77	105174	5.625	ng		98
65) 4,6-Dinitro-2-methylph...	10.504	198	6277	2.320	ng		81
66) n-Nitrosodiphenylamine	10.575	169	95847	5.671	ng		96
67) 4-Bromophenyl-phenylether	10.957	248	33236	5.587	ng		95
68) Hexachlorobenzene	11.016	284	37233	5.406	ng		97
69) Atrazine	11.104	200	26507	5.174	ng		93
70) Pentachlorophenol	11.216	266	15464	3.909	ng		96
71) Phenanthrene	11.433	178	156676	6.004	ng		99
72) Anthracene	11.486	178	156289	5.928	ng		99
73) Carbazole	11.639	167	136597	5.850	ng		97
74) Di-n-butylphthalate	11.975	149	146596	5.417	ng		98
75) Fluoranthene	12.627	202	155574	5.771	ng		98
77) Benzidine	12.751	184	62912	4.769	ng		99
78) Pyrene	12.857	202	174542	5.510	ng		99
80) Butylbenzylphthalate	13.474	149	44252	4.302	ng		99
81) Benzo(a)anthracene	14.045	228	127434	5.125	ng		98
82) 3,3'-Dichlorobenzidine	14.010	252	34422	4.543	ng	#	96
83) Chrysene	14.080	228	130450	5.669	ng		99
84) Bis(2-ethylhexyl)phtha...	14.039	149	56165	4.529	ng		99
85) Di-n-octyl phthalate	14.651	149	73019	3.585	ng		96
87) Indeno(1,2,3-cd)pyrene	17.021	276	88321	4.544	ng		95
88) Benzo(b)fluoranthene	15.098	252	95737	5.255	ng		100
89) Benzo(k)fluoranthene	15.127	252	90226	5.352	ng		99
90) Benzo(a)pyrene	15.474	252	79275	5.018	ng	#	96
91) Dibenzo(a,h)anthracene	17.045	278	70452	4.507	ng		97
92) Benzo(g,h,i)perylene	17.474	276	70468	4.508	ng		96

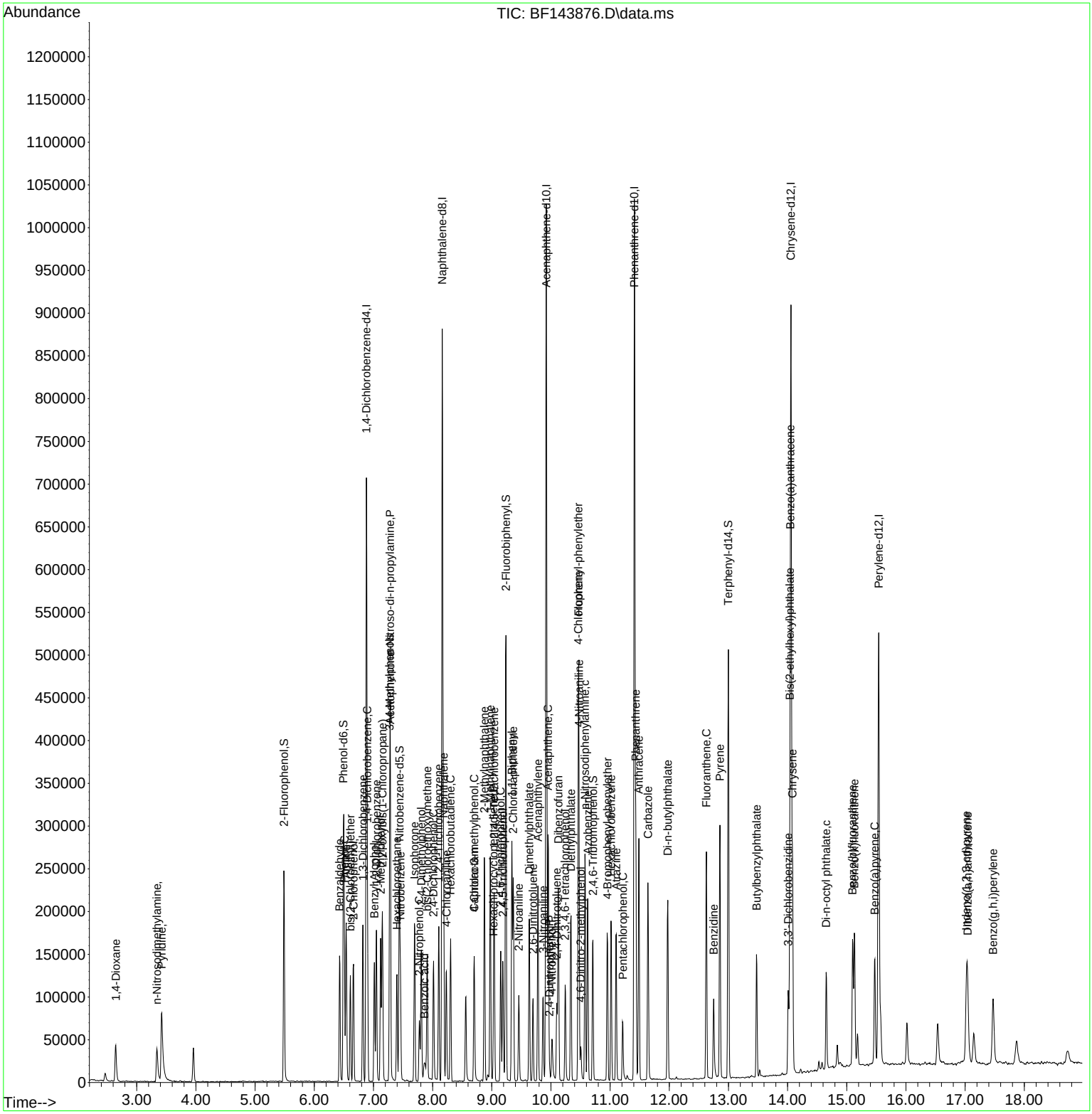
(#) = qualifier out of range (m) = manual integration (+) = signals summed

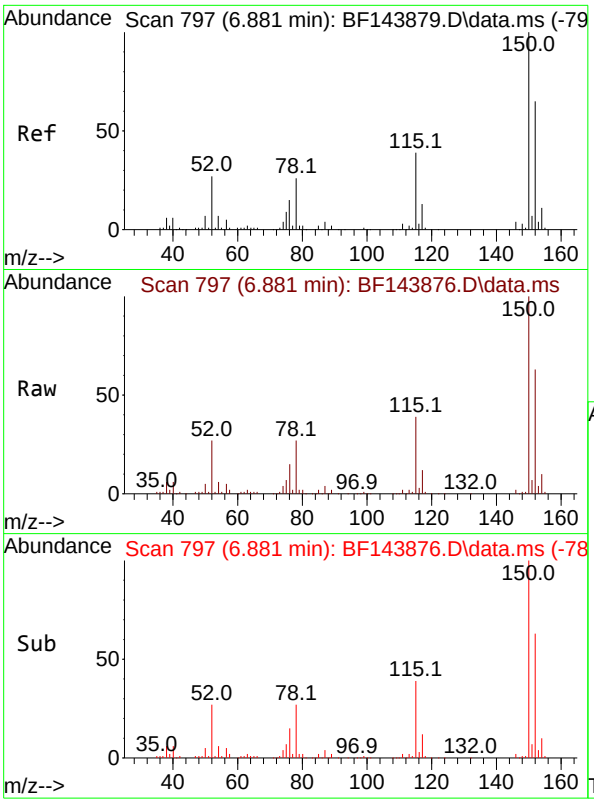
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143876.D
Acq On : 06 Oct 2025 10:28
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Oct 06 15:37:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration



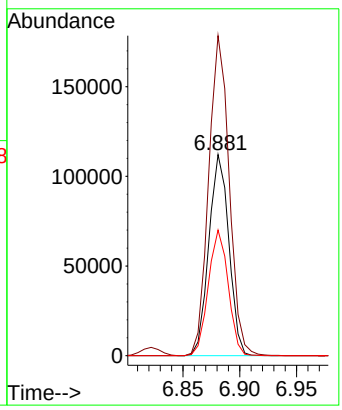


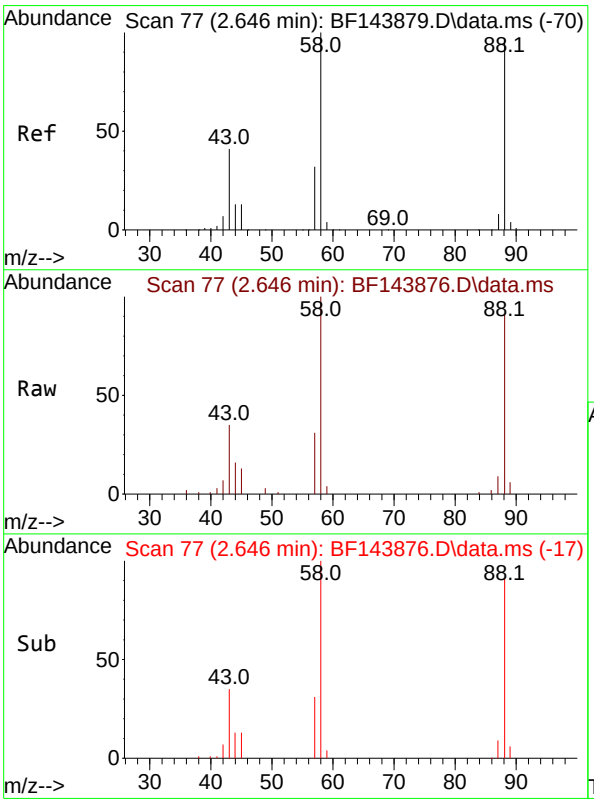
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 7
Delta R.T. -0.005 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 137596

Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.4	186.6
115	62.4	48.1	72.1

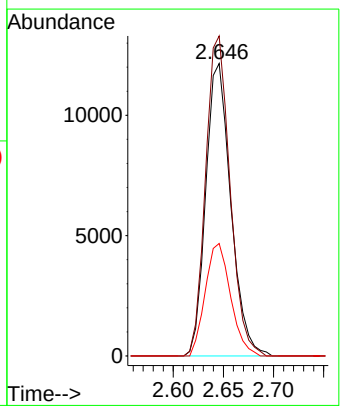


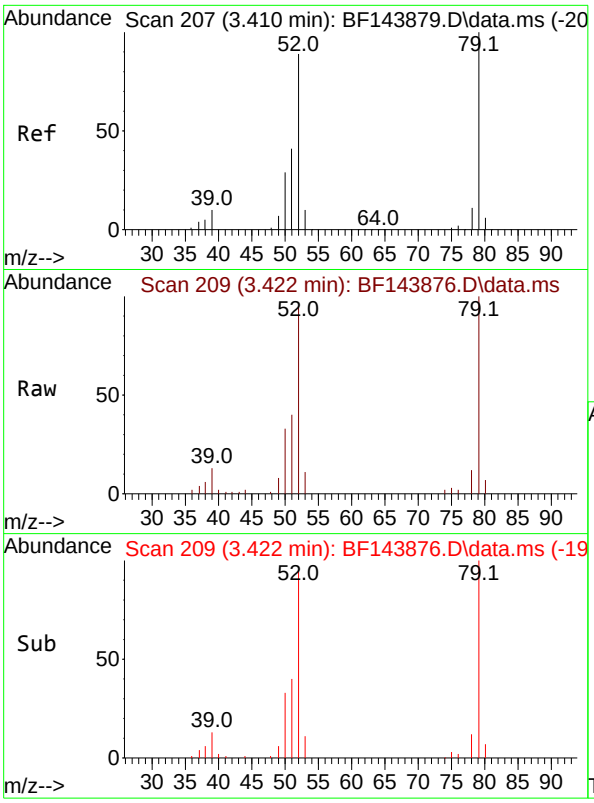


#2
1,4-Dioxane
Concen: 5.265 ng
RT: 2.646 min Scan# 77
Delta R.T. 0.000 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion: 88 Resp: 21110

Ion	Ratio	Lower	Upper
88	100		
58	106.6	83.0	124.6
43	38.9	33.9	50.9



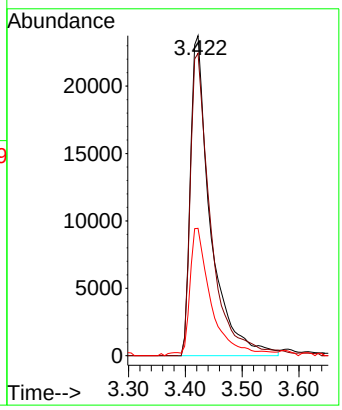


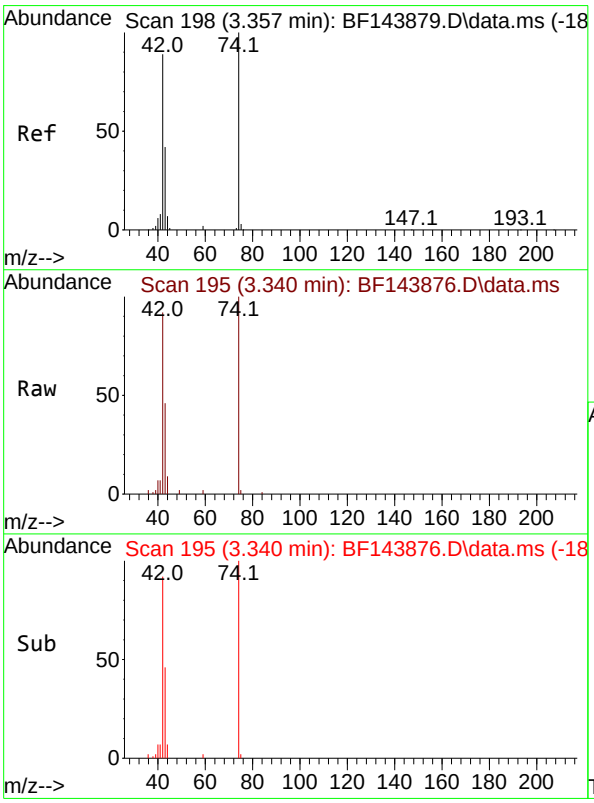
#3
Pyridine
Concen: 4.984 ng
RT: 3.422 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 79 Resp: 58179

Ion	Ratio	Lower	Upper
79	100		
52	94.5	71.5	107.3
51	39.8	32.9	49.3

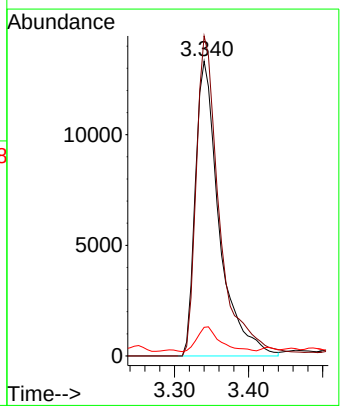


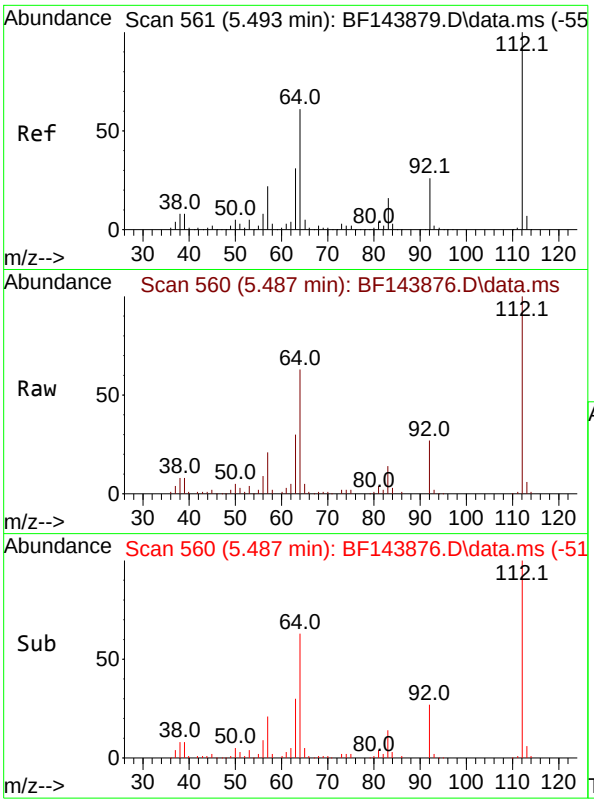


#4
n-Nitrosodimethylamine
Concen: 4.857 ng
RT: 3.340 min Scan# 195
Delta R.T. -0.047 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion: 42 Resp: 29825

Ion	Ratio	Lower	Upper
42	100		
74	108.5	90.0	135.0
44	9.7	6.2	9.2#



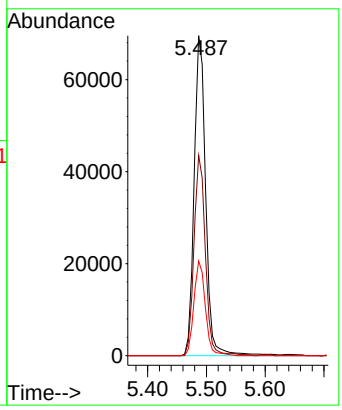


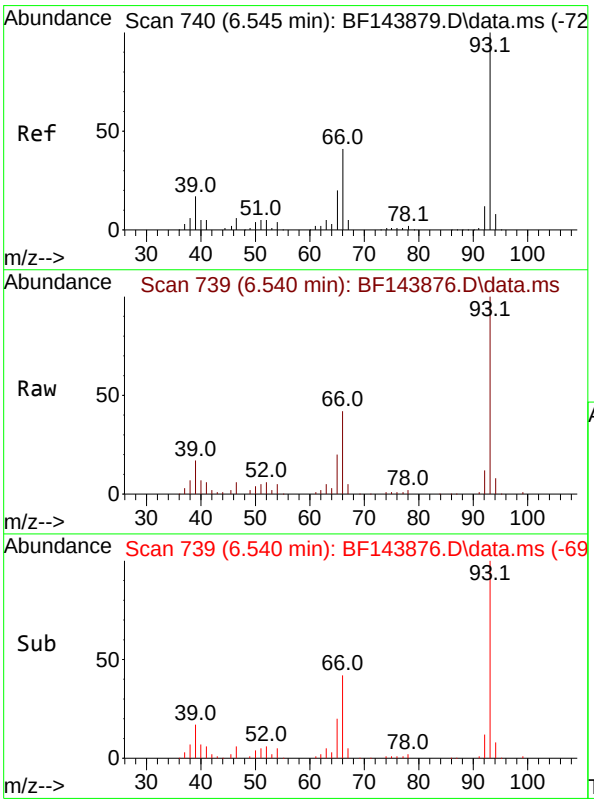
#5
2-Fluorophenol
Concen: 10.942 ng
RT: 5.487 min Scan# 5
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:112 Resp: 94810

Ion	Ratio	Lower	Upper
112	100		
64	62.6	49.1	73.7
63	29.6	24.5	36.7

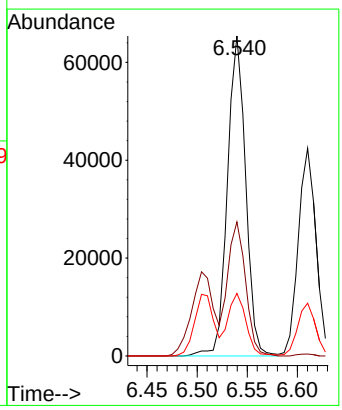


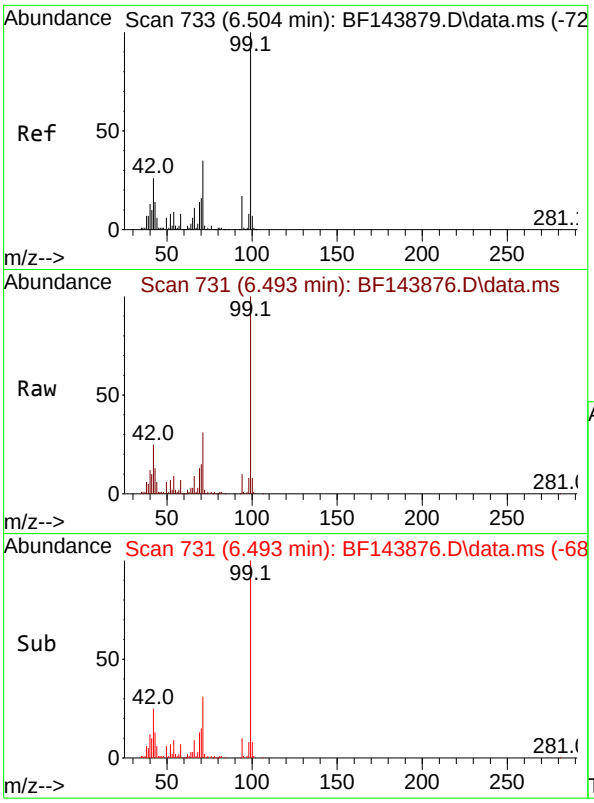


#6
Aniline
Concen: 5.335 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion: 93 Resp: 82563

Ion	Ratio	Lower	Upper
93	100		
66	41.9	33.0	49.6
65	19.6	15.8	23.8



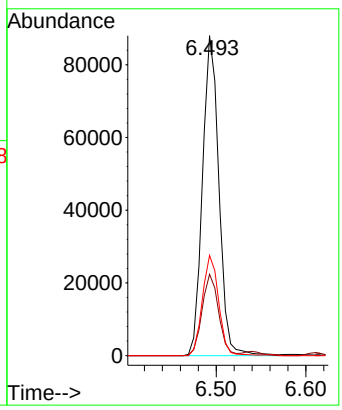


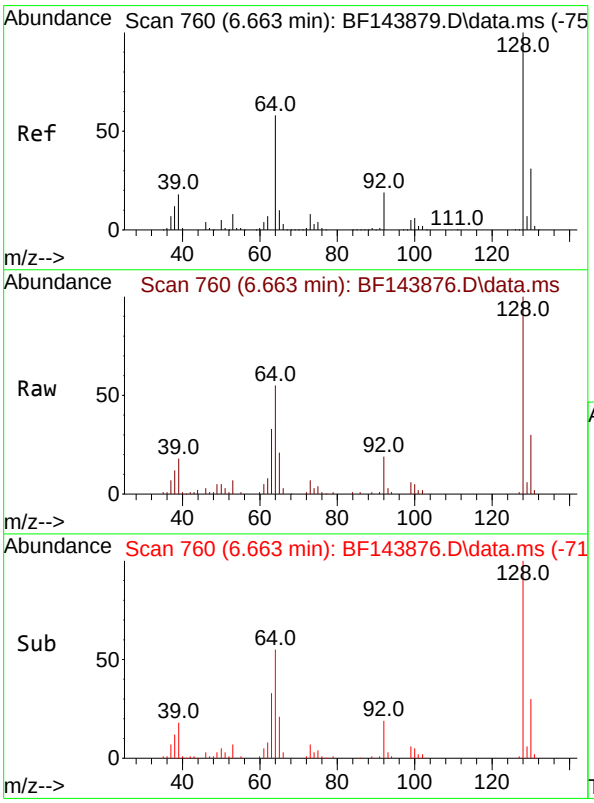
#7
Phenol-d6
Concen: 10.832 ng
RT: 6.493 min Scan# 7
Delta R.T. -0.023 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 99 Resp: 111877

Ion	Ratio	Lower	Upper
99	100		
42	25.4	21.0	31.4
71	31.4	27.8	41.8

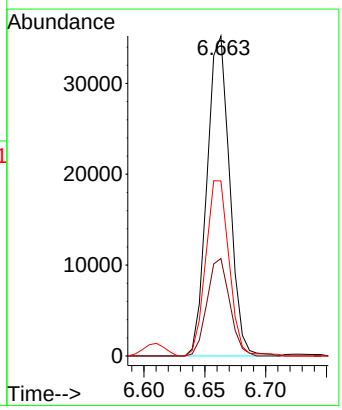


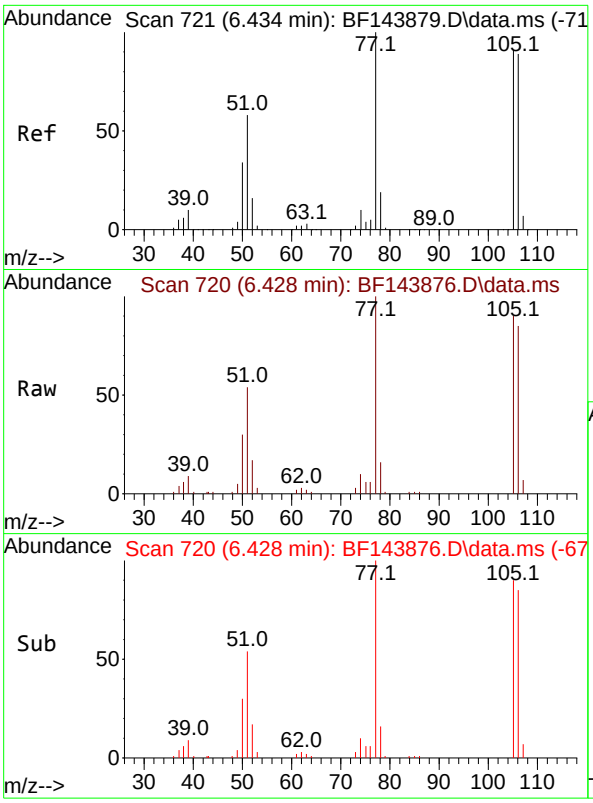


#8
2-Chlorophenol
Concen: 5.376 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:128 Resp: 45534

Ion	Ratio	Lower	Upper
128	100		
130	30.5	10.7	50.7
64	54.7	39.0	79.0



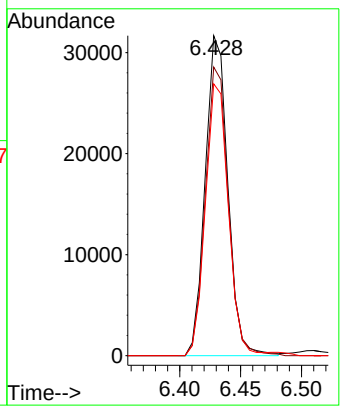


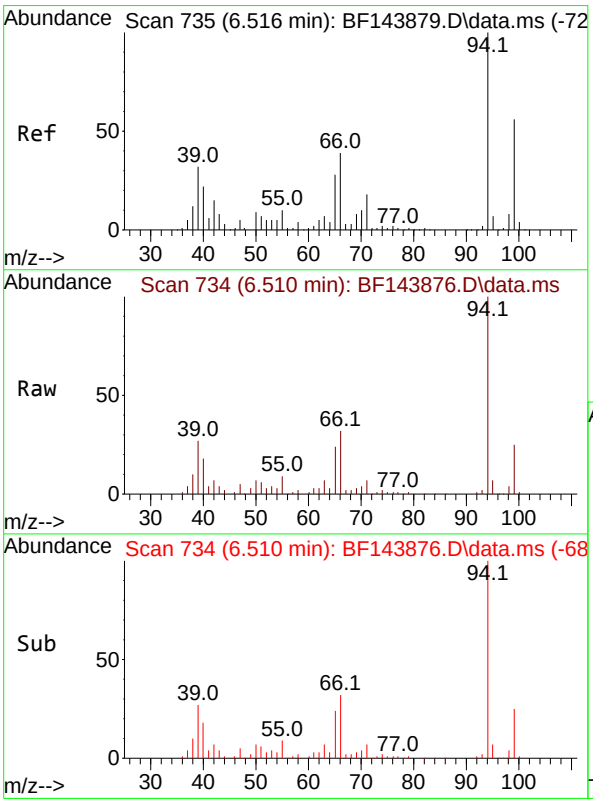
#9
Benzaldehyde
Concen: 5.141 ng
RT: 6.428 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 77 Resp: 40962

Ion	Ratio	Lower	Upper
77	100		
105	90.2	70.9	110.9
106	84.9	68.9	108.9

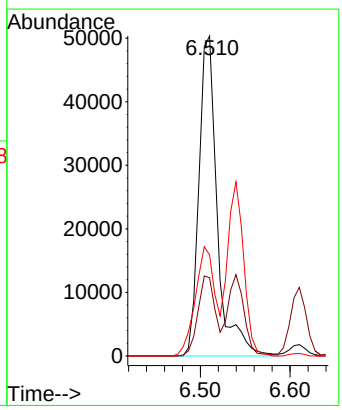


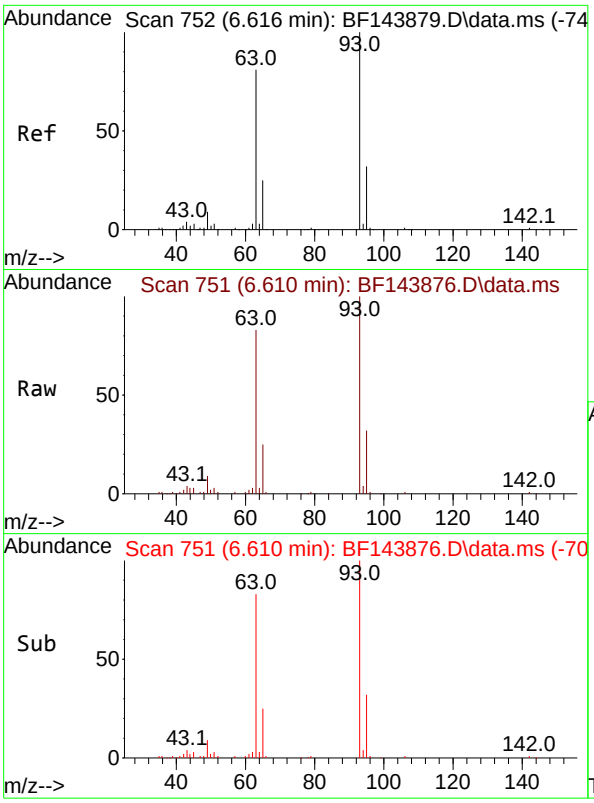


#10
Phenol
Concen: 5.801 ng
RT: 6.510 min Scan# 734
Delta R.T. -0.023 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion: 94 Resp: 71626

Ion	Ratio	Lower	Upper
94	100		
65	24.5	8.5	48.5
66	31.6	19.9	59.9



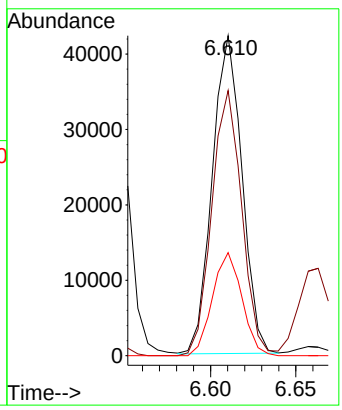


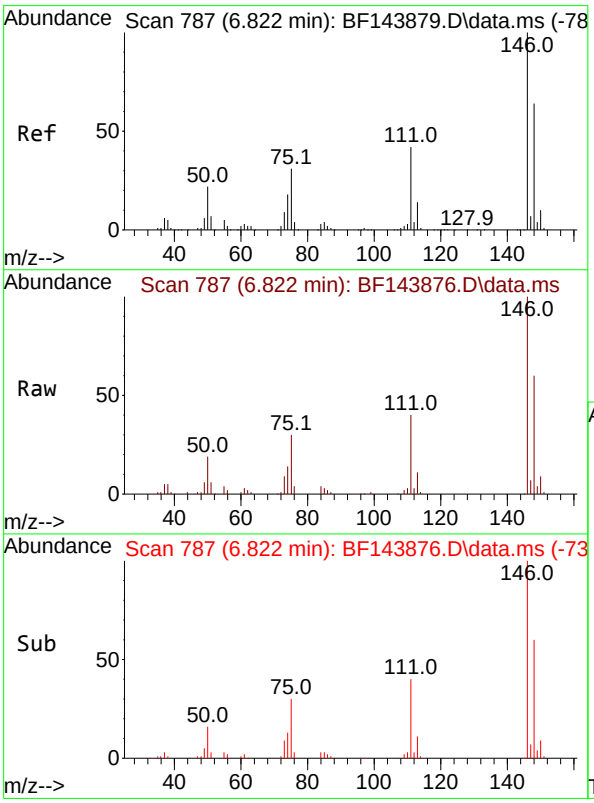
#11
bis(2-Chloroethyl)ether
Concen: 5.364 ng
RT: 6.610 min Scan# 7
Delta R.T. -0.017 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 51163

Ion	Ratio	Lower	Upper
93	100		
63	82.9	60.9	100.9
95	32.2	11.5	51.5

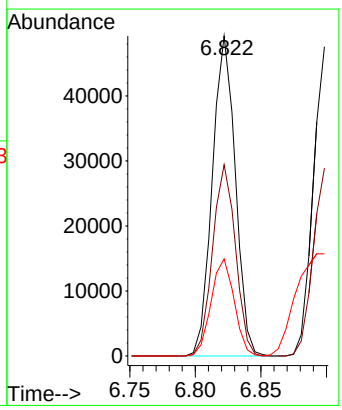


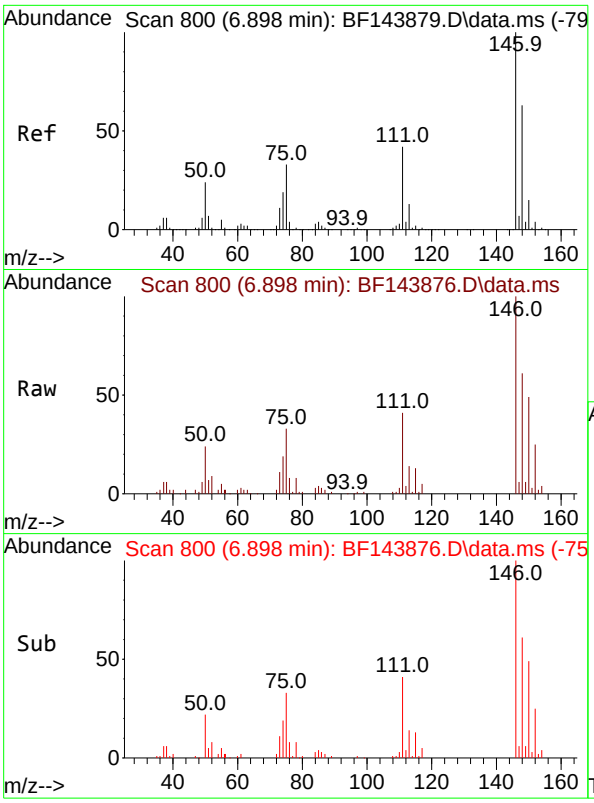


#12
1,3-Dichlorobenzene
Concen: 5.911 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:146 Resp: 59929

Ion	Ratio	Lower	Upper
146	100		
148	59.7	51.0	76.4
75	30.3	24.9	37.3



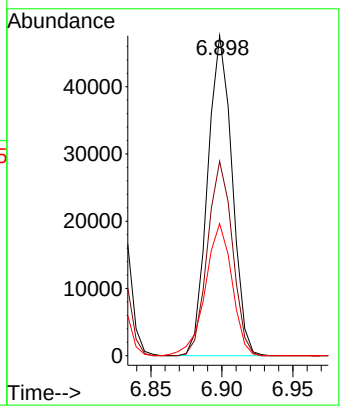


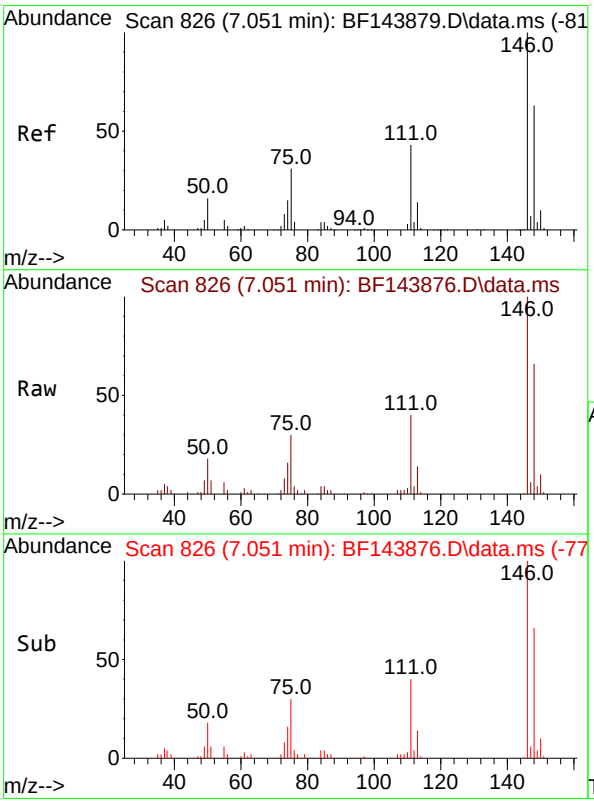
#13
1,4-Dichlorobenzene
Concen: 5.686 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:146 Resp: 56869

Ion	Ratio	Lower	Upper
146	100		
148	60.7	50.5	75.7
111	41.2	33.4	50.0

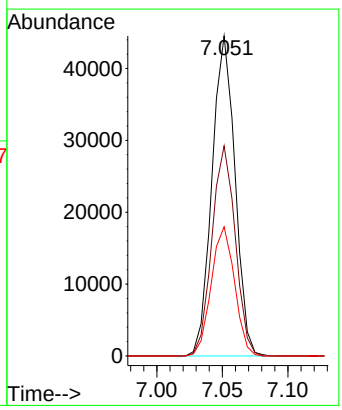


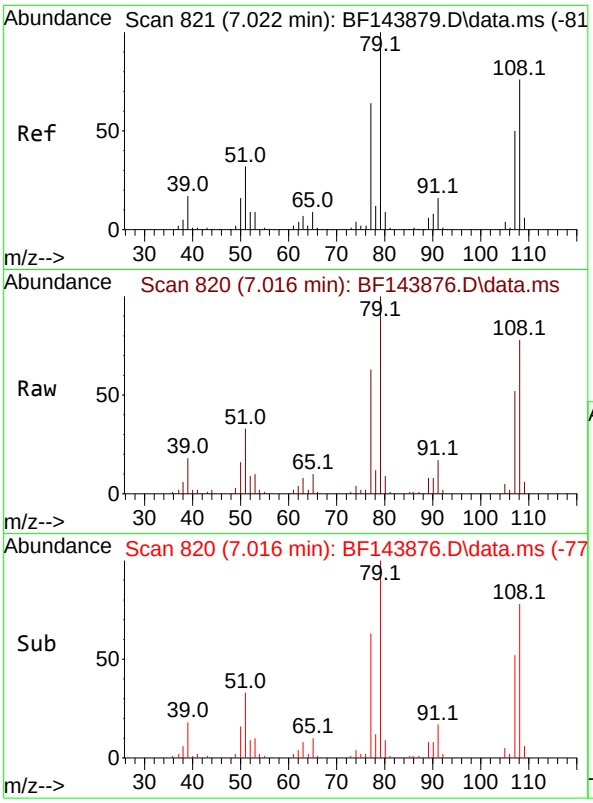


#14
1,2-Dichlorobenzene
Concen: 5.676 ng
RT: 7.051 min Scan# 826
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:146 Resp: 54371

Ion	Ratio	Lower	Upper
146	100		
148	65.6	50.6	75.8
111	40.3	34.6	51.8



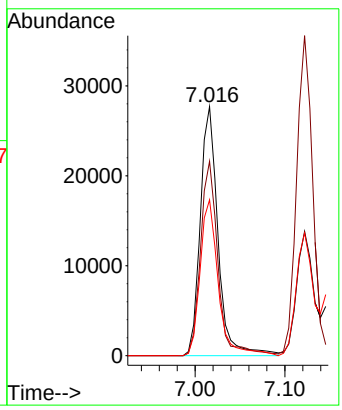


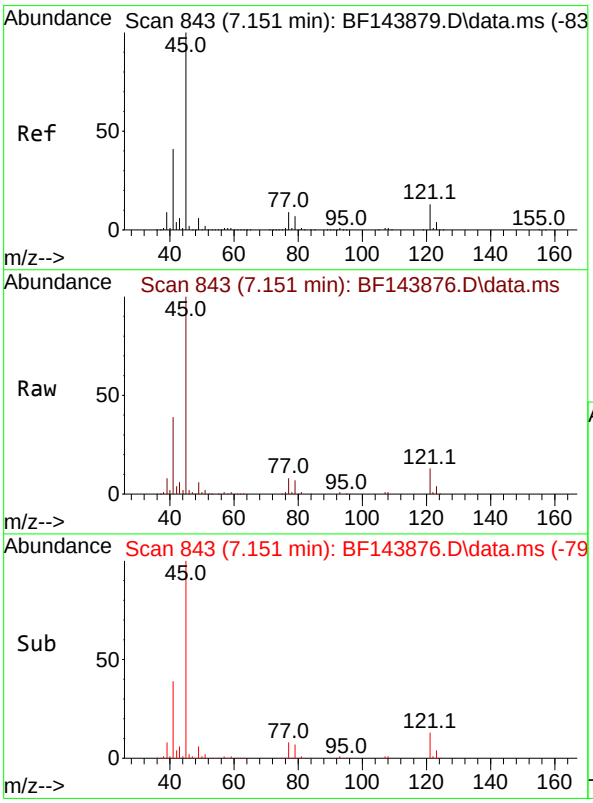
#15
Benzyl Alcohol
Concen: 4.916 ng
RT: 7.016 min Scan# 8
Delta R.T. -0.017 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 79 Resp: 38042

Ion	Ratio	Lower	Upper
79	100		
108	78.1	60.8	91.2
77	62.6	51.0	76.6

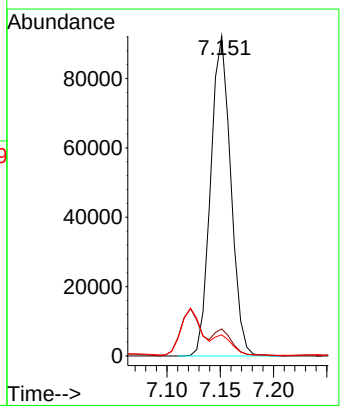


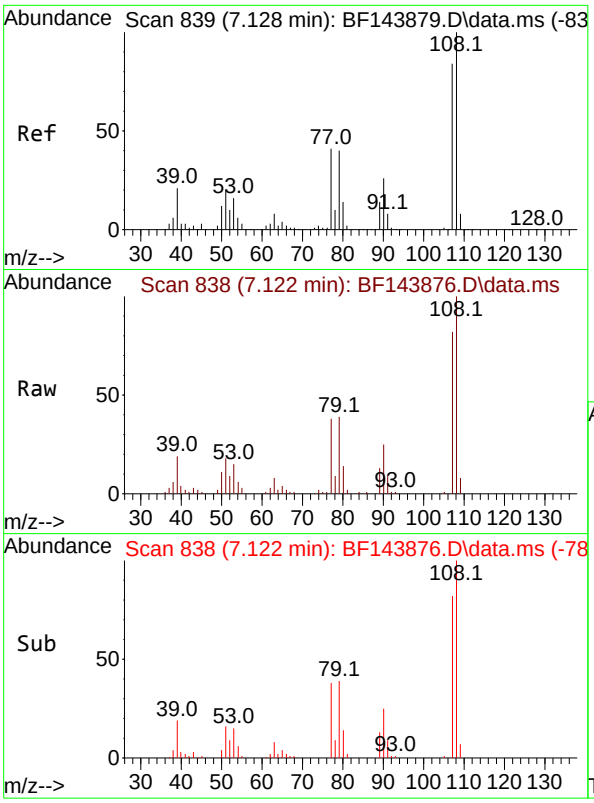


#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.577 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion: 45 Resp: 121082

Ion	Ratio	Lower	Upper
45	100		
77	8.4	0.0	29.0
79	6.6	0.0	26.8



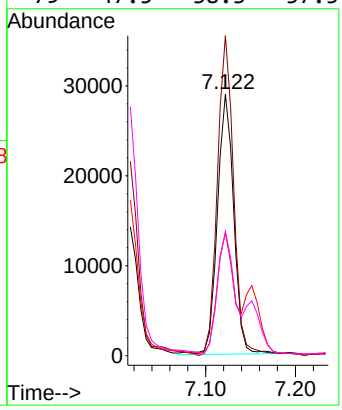


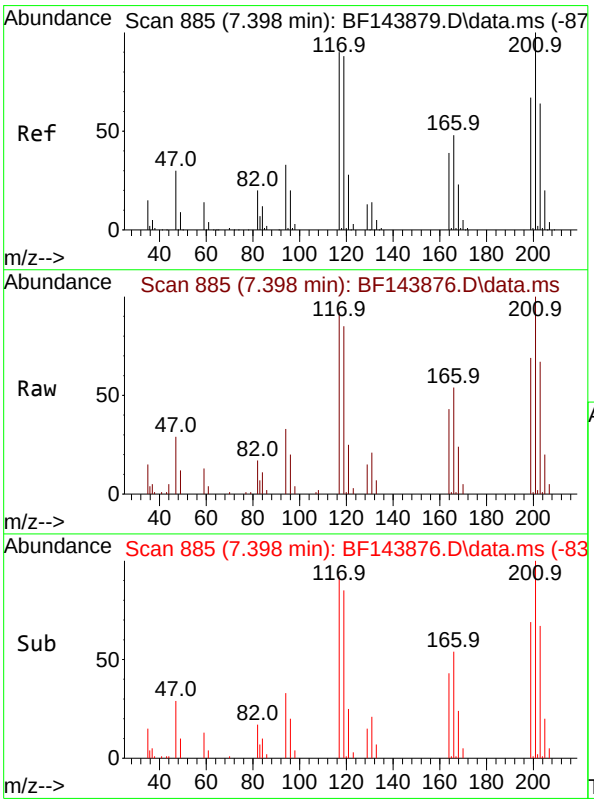
#17
2-Methylphenol
Concen: 5.228 ng
RT: 7.122 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:107 Resp: 36595

Ion	Ratio	Lower	Upper
107	100		
108	122.4	94.7	142.1
77	47.0	38.8	58.2
79	47.5	38.3	57.5

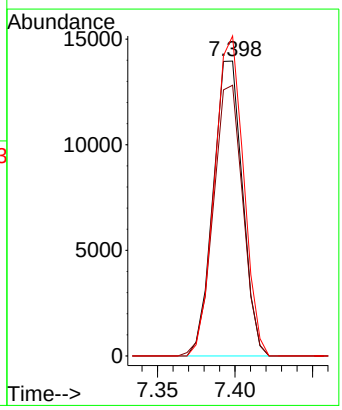


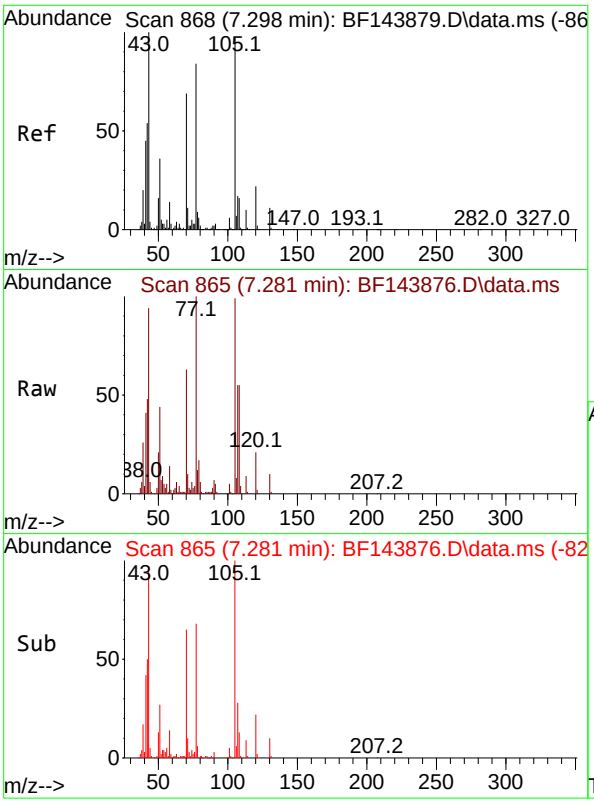


#18
Hexachloroethane
Concen: 5.501 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:117 Resp: 18346

Ion	Ratio	Lower	Upper
117	100		
119	91.8	77.8	116.8
201	108.5	88.5	132.7



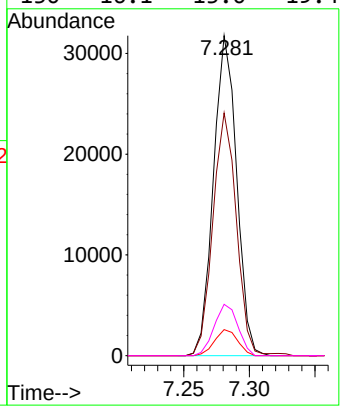


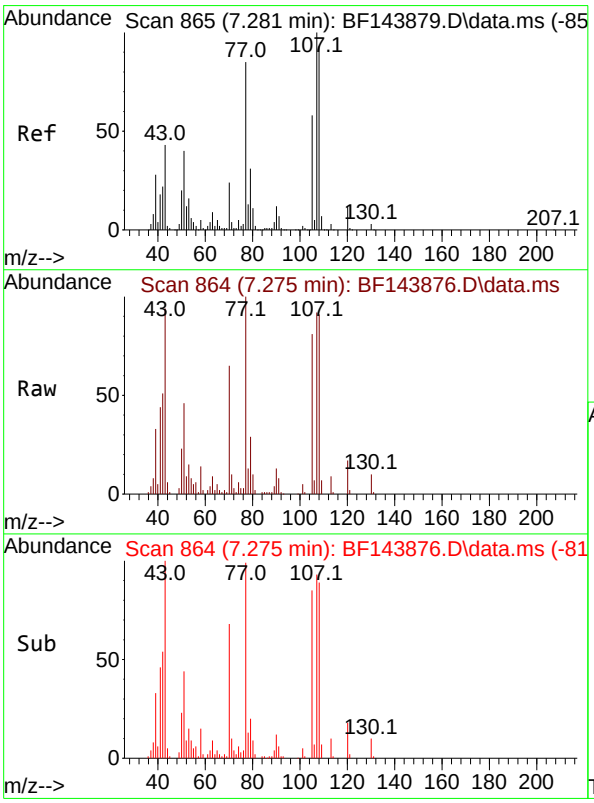
#19
n-Nitroso-di-n-propylamine
Concen: 5.524 ng
RT: 7.281 min Scan# 8
Delta R.T. -0.035 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 70 Resp: 39050

Ion	Ratio	Lower	Upper
70	100		
42	75.9	62.8	94.2
101	8.2	6.7	10.1
130	16.1	13.0	19.4

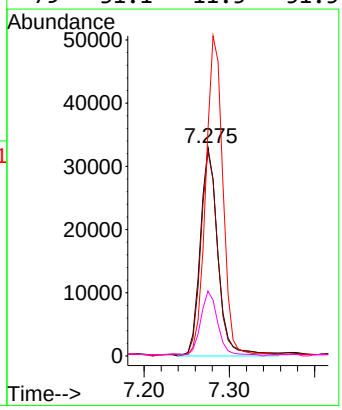


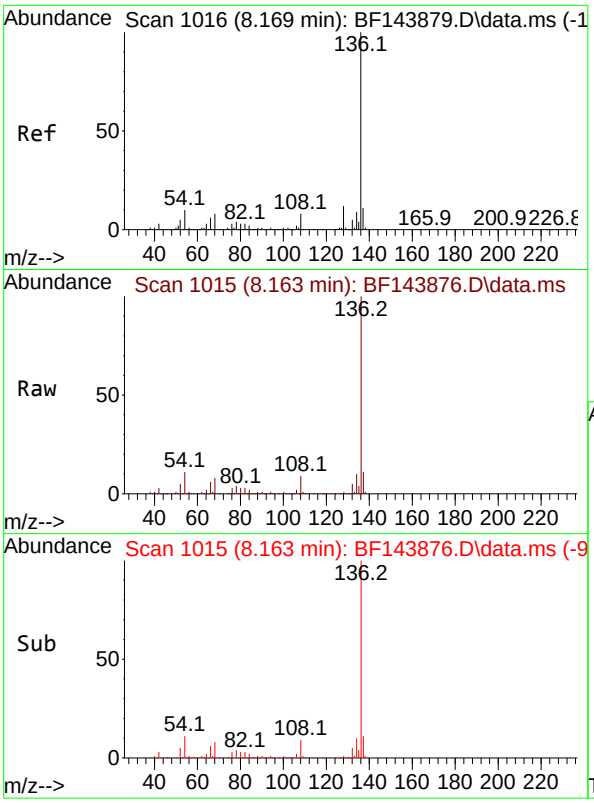


#20
3+4-Methylphenols
Concen: 5.870 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.023 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:107 Resp: 47623

Ion	Ratio	Lower	Upper
107	100		
108	98.4	73.0	113.0
77	108.2	64.6	104.6#
79	31.1	11.5	51.5



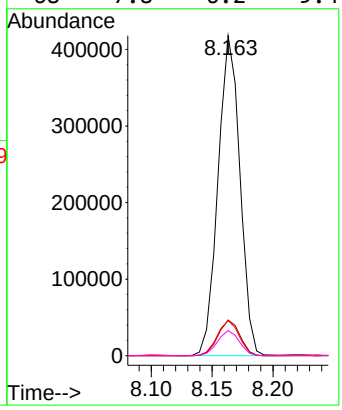


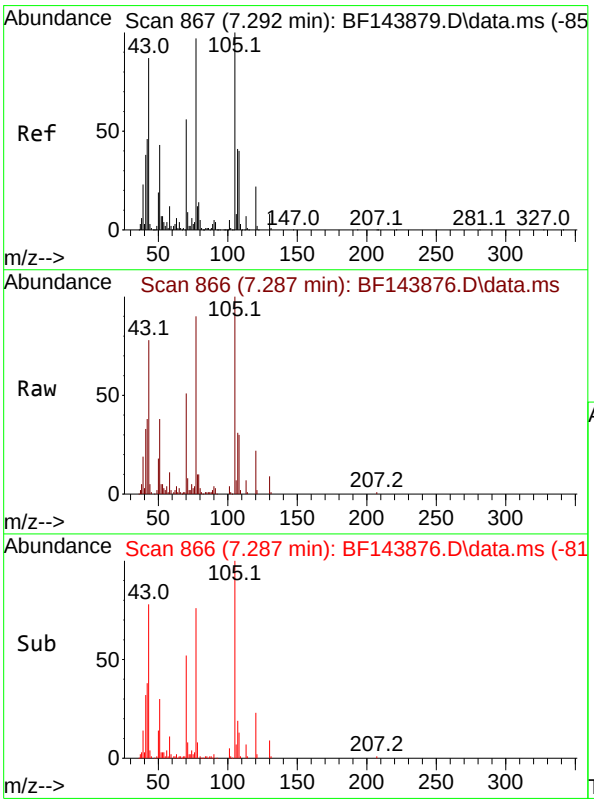
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:136 Resp: 524114

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	11.0	8.2	12.4
68	7.8	6.2	9.4

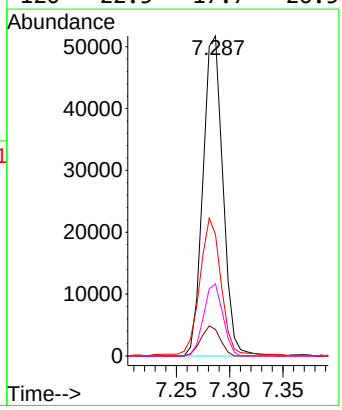


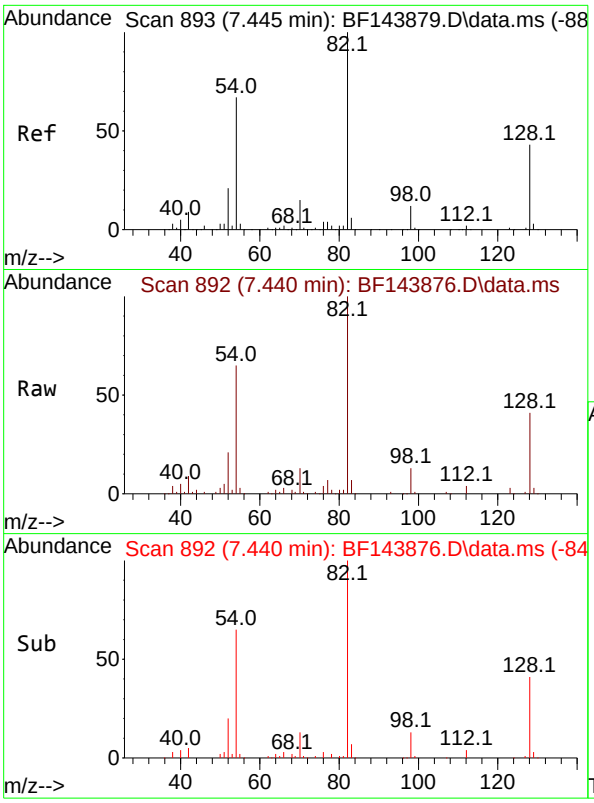


#22
Acetophenone
Concen: 6.092 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.017 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:105 Resp: 67515

Ion	Ratio	Lower	Upper
105	100		
71	8.3	7.4	11.0
51	38.0	34.2	51.4
120	22.5	17.7	26.5



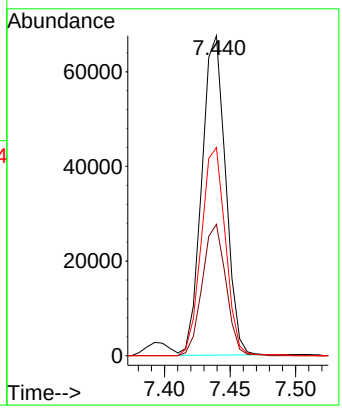


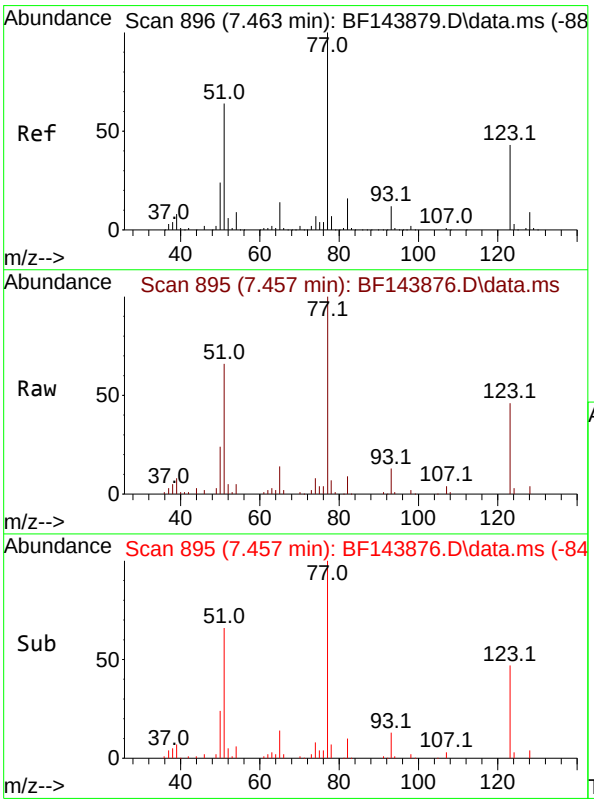
#23
Nitrobenzene-d5
Concen: 9.862 ng
RT: 7.440 min Scan# 8
Delta R.T. -0.017 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 85080

Ion	Ratio	Lower	Upper
82	100		
128	41.0	34.0	51.0
54	65.0	53.2	79.8

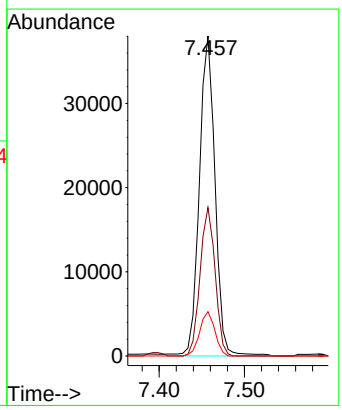


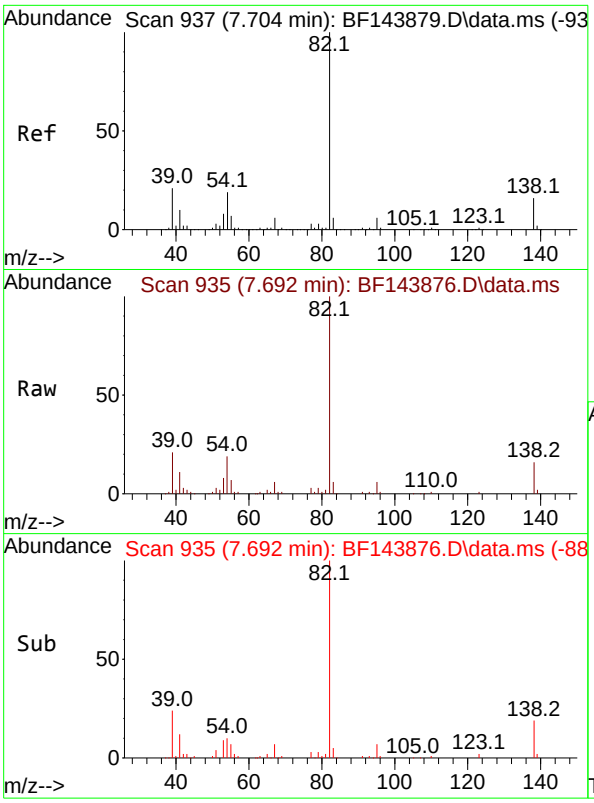


#24
Nitrobenzene
Concen: 5.054 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.017 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion: 77 Resp: 48413

Ion	Ratio	Lower	Upper
77	100		
123	46.4	34.2	51.4
65	13.8	11.0	16.6



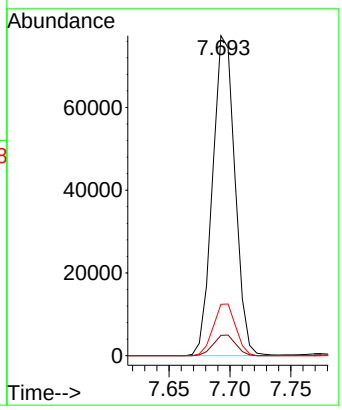


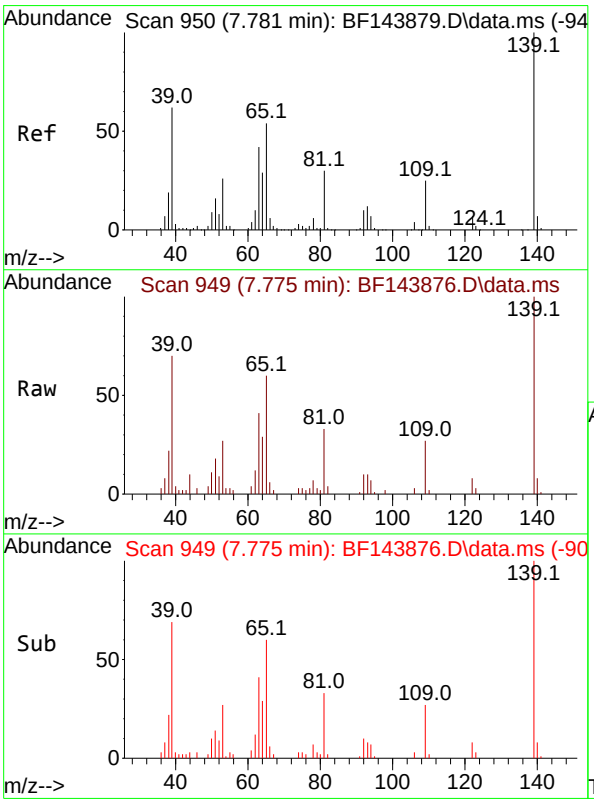
#25
Isophorone
Concen: 5.429 ng
RT: 7.692 min Scan# 9
Delta R.T. -0.029 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 98761

Ion	Ratio	Lower	Upper
82	100		
95	6.3	5.1	7.7
138	16.0	12.9	19.3

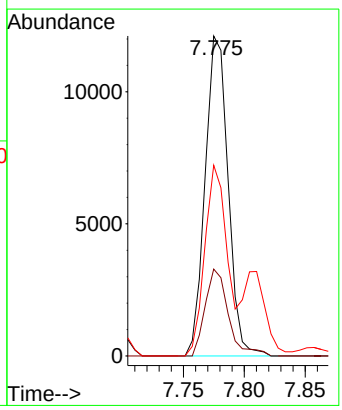


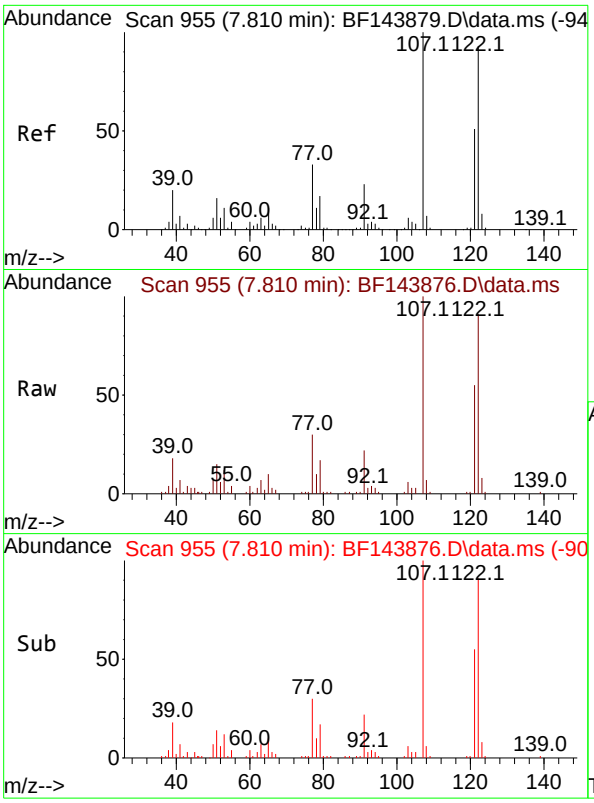


#26
2-Nitrophenol
Concen: 3.864 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:139 Resp: 15870

Ion	Ratio	Lower	Upper
139	100		
109	27.2	19.8	29.6
65	59.6	42.9	64.3



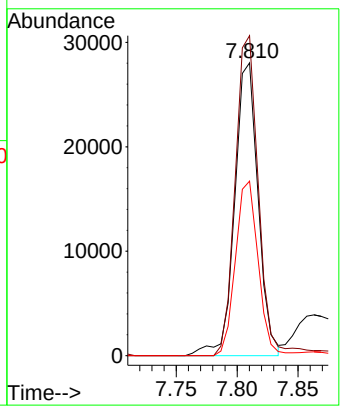


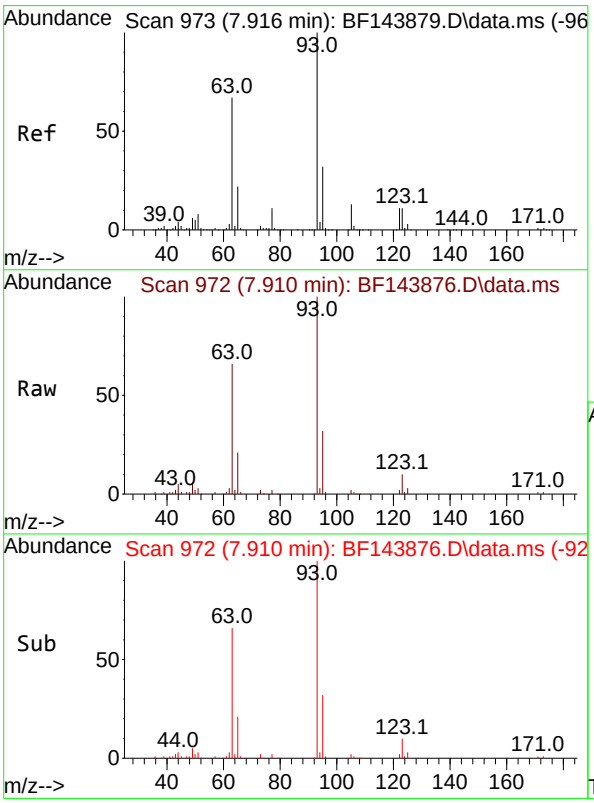
#27
2,4-Dimethylphenol
Concen: 5.095 ng
RT: 7.810 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:122 Resp: 37645

Ion	Ratio	Lower	Upper
122	100		
107	109.3	86.1	129.1
121	59.6	43.8	65.6

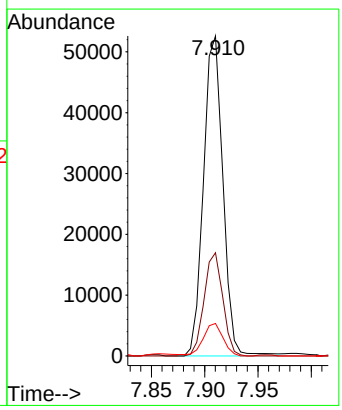


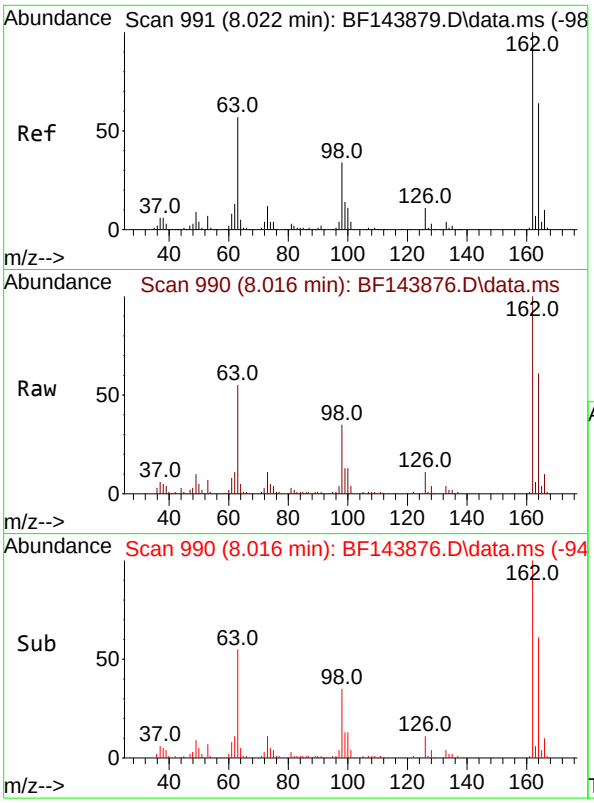


#28
bis(2-Chloroethoxy)methane
Concen: 5.812 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion: 93 Resp: 66779

Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.9	38.9
123	10.2	9.4	14.0



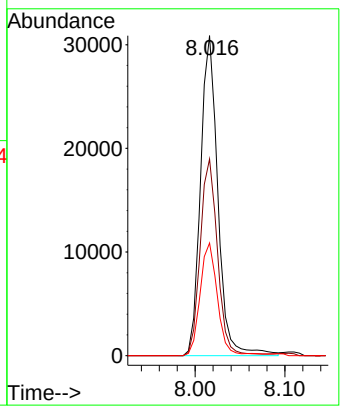


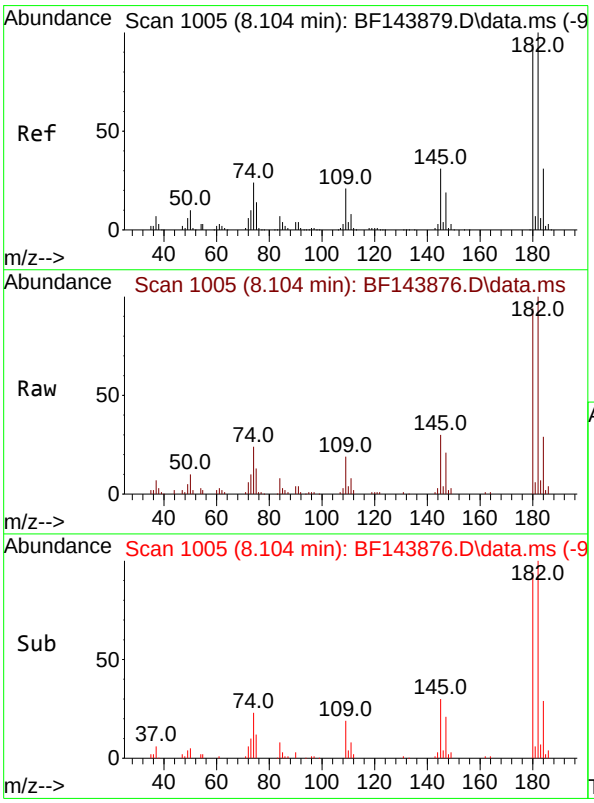
#29
2,4-Dichlorophenol
Concen: 5.390 ng
RT: 8.016 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:162 Resp: 41484

Ion	Ratio	Lower	Upper
162	100		
164	61.5	43.9	83.9
98	35.2	14.4	54.4

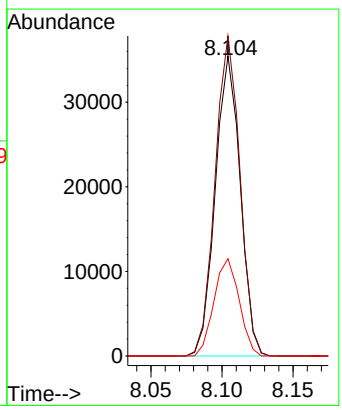


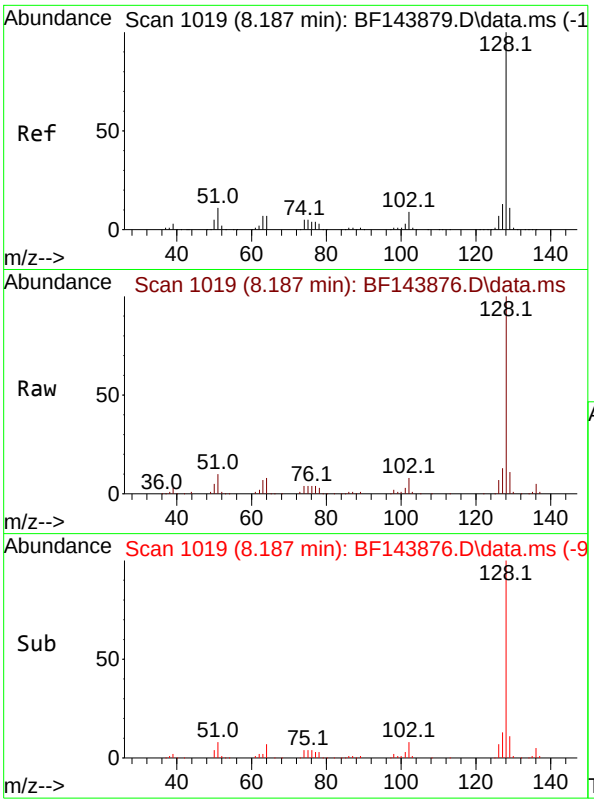


#30
1,2,4-Trichlorobenzene
Concen: 5.722 ng
RT: 8.104 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:180 Resp: 43309

Ion	Ratio	Lower	Upper
180	100		
182	106.7	85.4	128.0
145	32.5	26.3	39.5



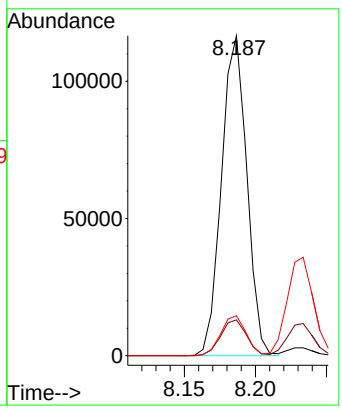


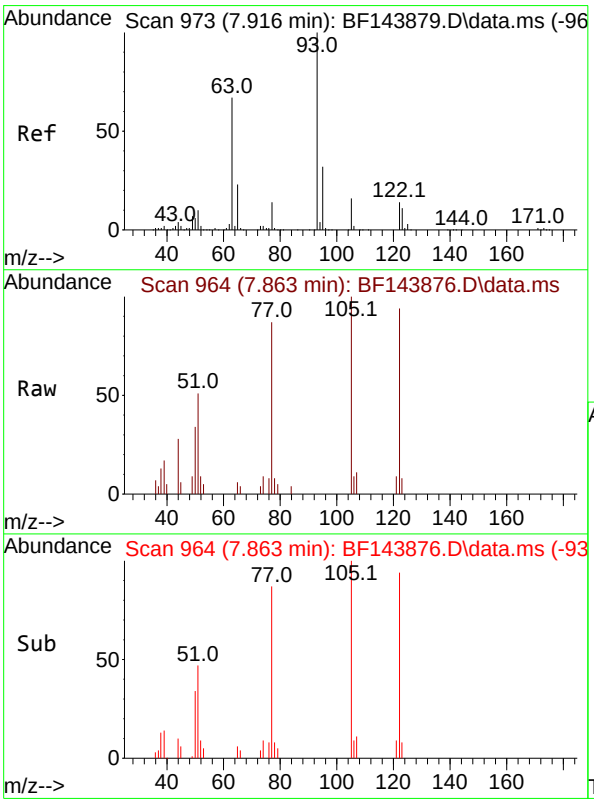
#31
Naphthalene
Concen: 6.063 ng
RT: 8.187 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 144561

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	12.5	10.0	15.0

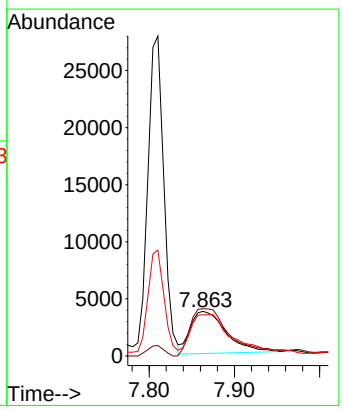


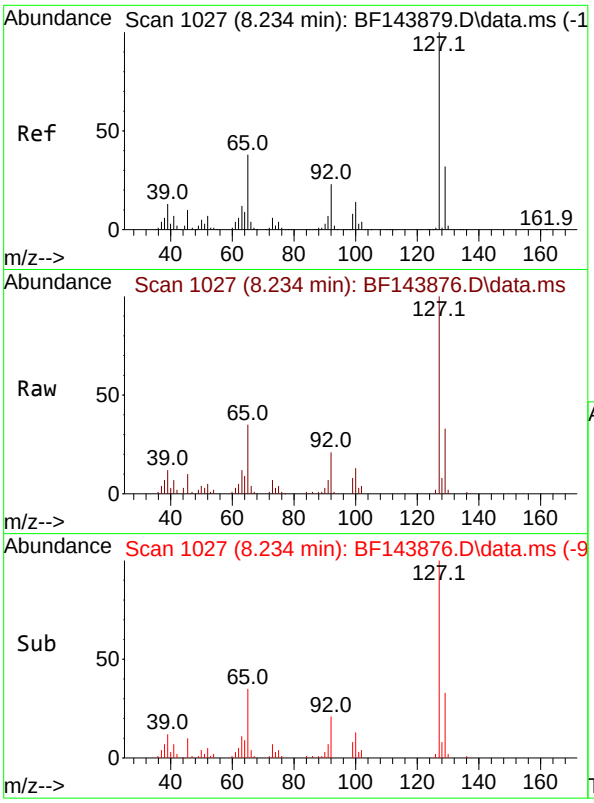


#32
Benzoic acid
Concen: 2.106 ng
RT: 7.863 min Scan# 964
Delta R.T. -0.100 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:122 Resp: 10771

Ion	Ratio	Lower	Upper
122	100		
105	106.0	93.5	133.5
77	92.2	76.3	116.3



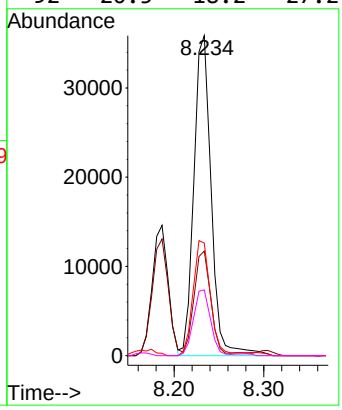


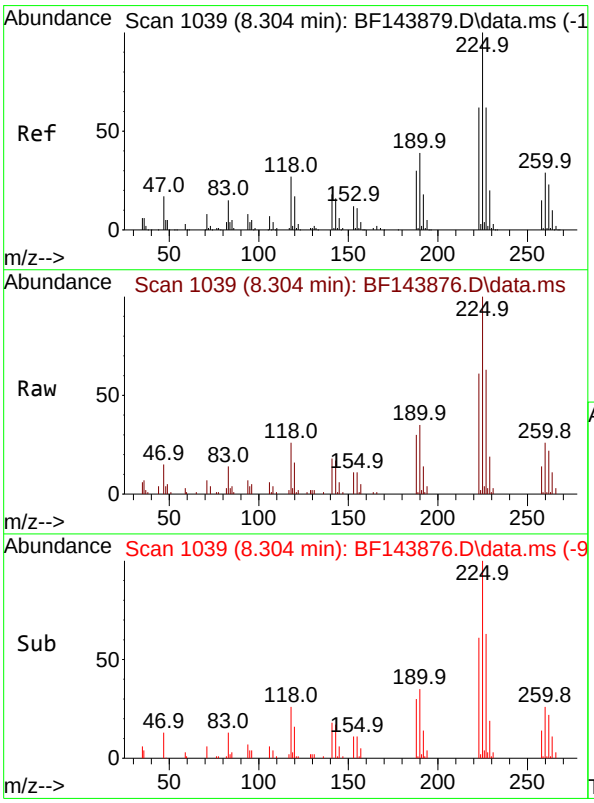
#33
4-Chloroaniline
Concen: 5.388 ng
RT: 8.234 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:127 Resp: 48181

Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.8	38.8
65	35.2	30.0	45.0
92	20.5	18.2	27.2

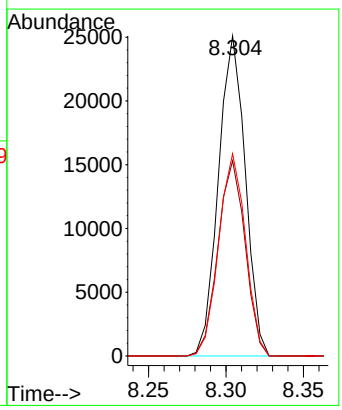


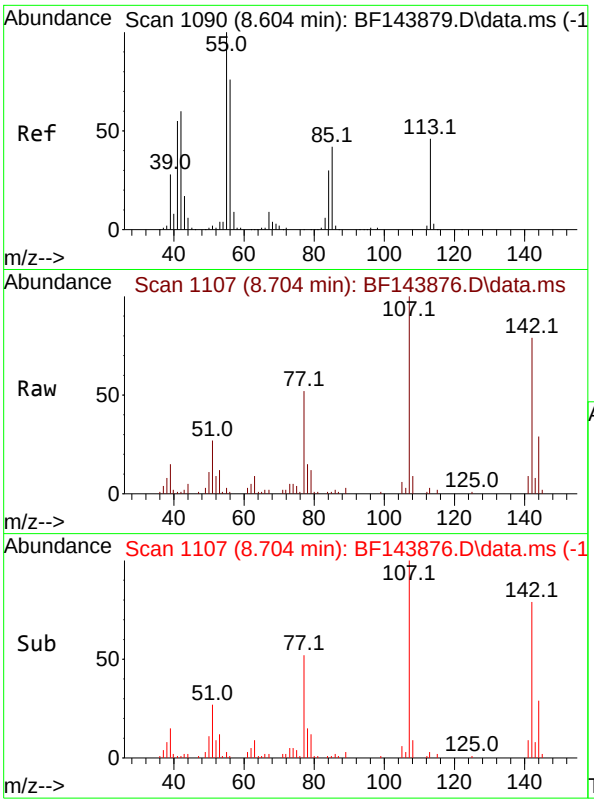


#34
Hexachlorobutadiene
Concen: 5.751 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:225 Resp: 30246

Ion	Ratio	Lower	Upper
225	100		
223	61.0	49.4	74.2
227	63.2	49.7	74.5



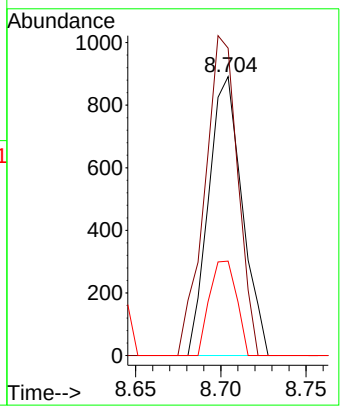


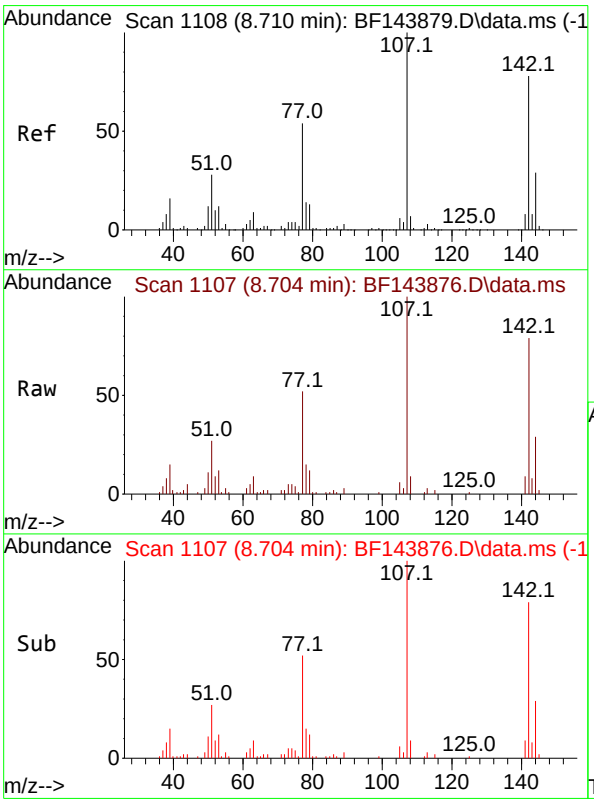
#35
Caprolactam
Concen: 0.499 ng
RT: 8.704 min Scan# 11
Delta R.T. 0.059 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:113 Resp: 1222

Ion	Ratio	Lower	Upper
113	100		
55	110.2	199.6	239.6#
56	33.9	146.0	186.0#

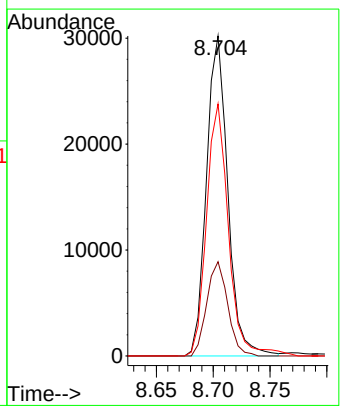


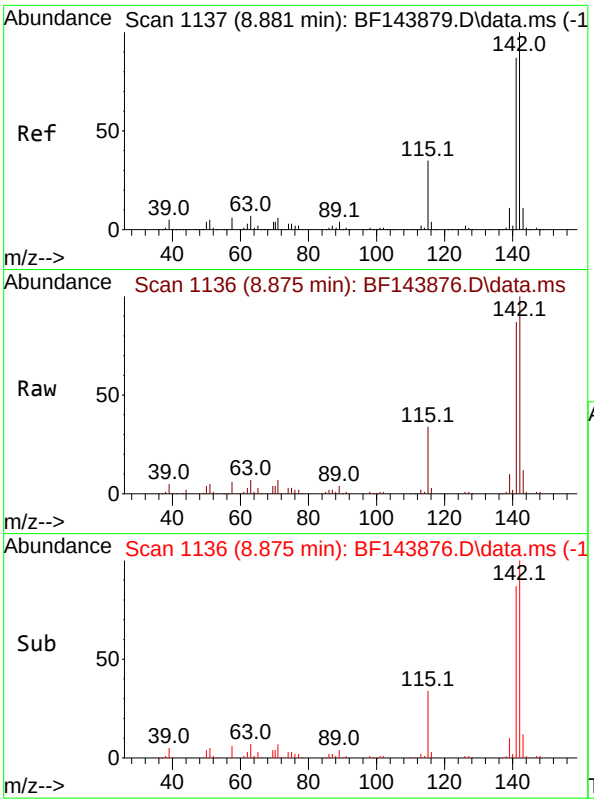


#36
4-Chloro-3-methylphenol
Concen: 5.343 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.017 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:107 Resp: 39500

Ion	Ratio	Lower	Upper
107	100		
144	29.5	23.1	34.7
142	78.8	62.6	94.0



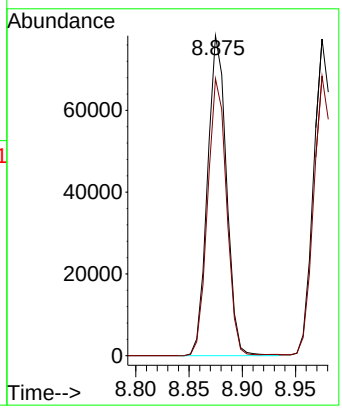


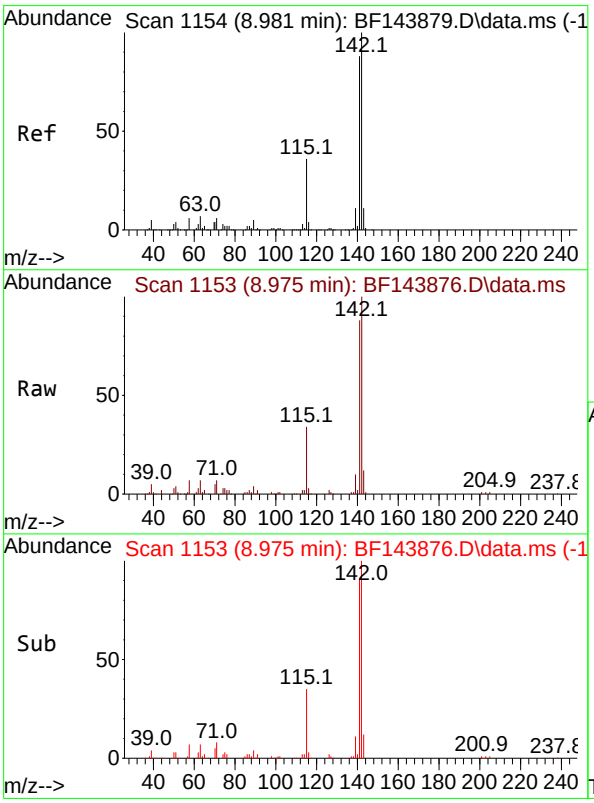
#37
2-Methylnaphthalene
Concen: 6.122 ng
RT: 8.875 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 97227

Ion	Ratio	Lower	Upper
142	100		
141	86.5	69.2	103.8

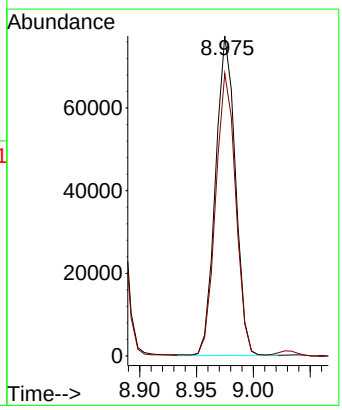


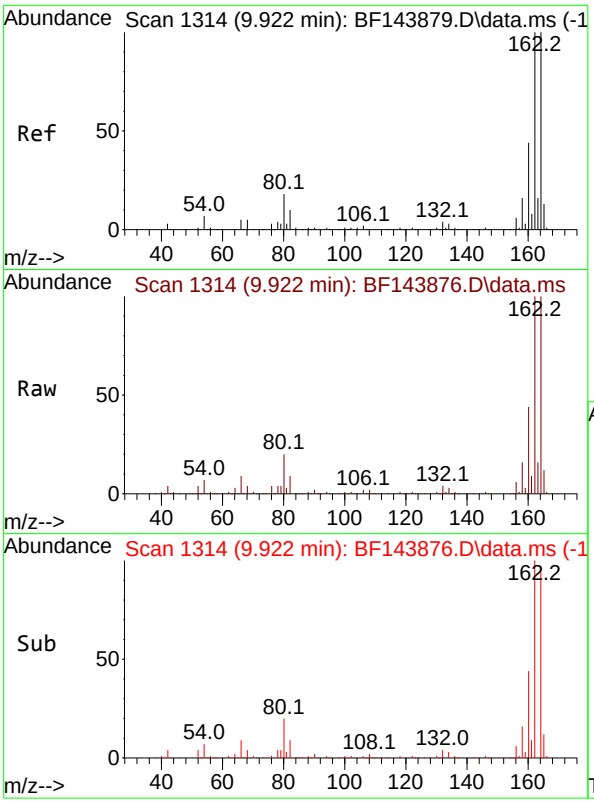


#38
1-Methylnaphthalene
Concen: 6.114 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.011 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:142 Resp: 94190

Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.8	106.2



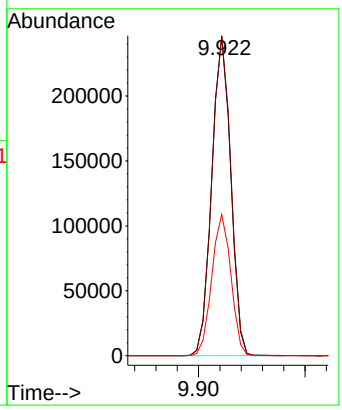


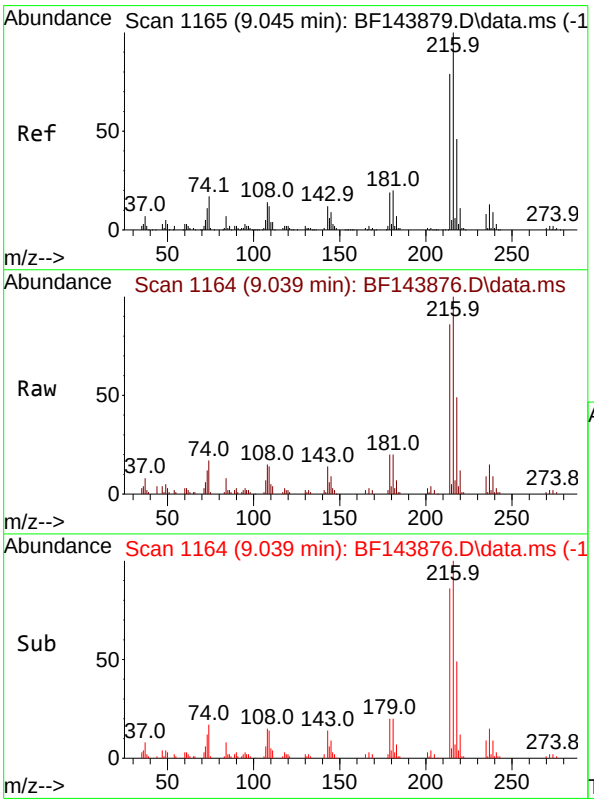
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1
Delta R.T. -0.005 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:164 Resp: 303230

Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.2	120.2
160	44.3	35.4	53.0

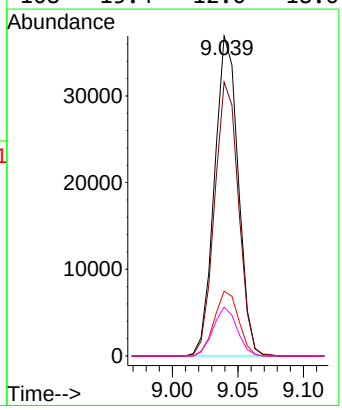


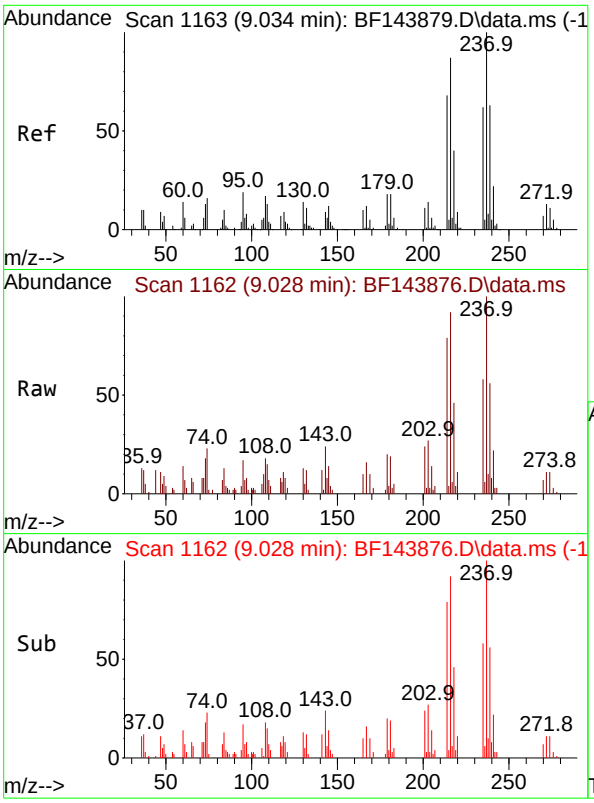


#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.519 ng
RT: 9.039 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:216 Resp: 46252

Ion	Ratio	Lower	Upper
216	100		
214	86.6	62.6	94.0
179	20.7	15.4	23.0
108	15.4	12.0	18.0



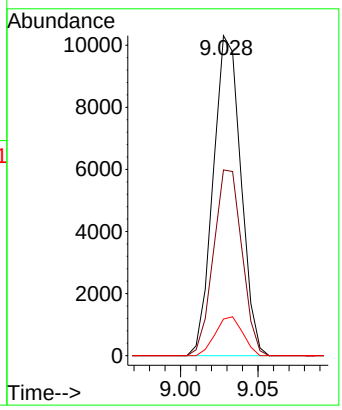


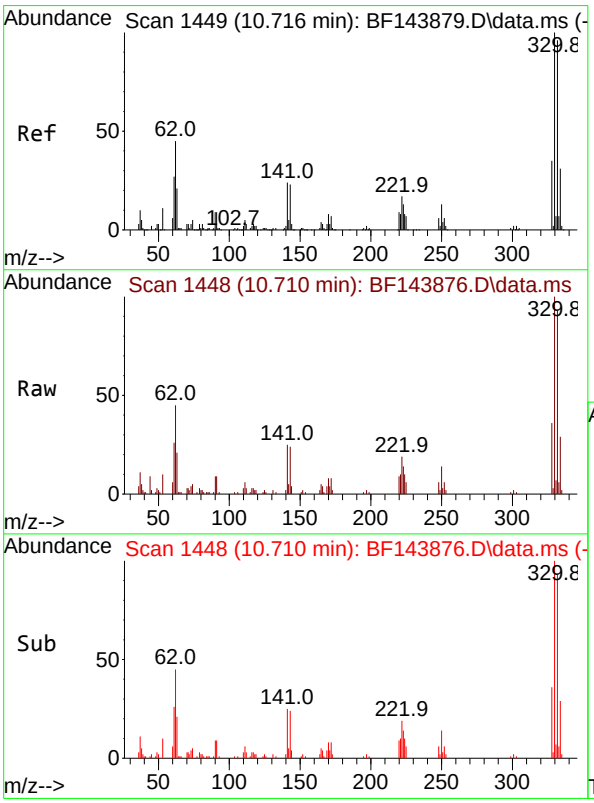
#41
Hexachlorocyclopentadiene
Concen: 3.685 ng
RT: 9.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:237 Resp: 12812

Ion	Ratio	Lower	Upper
237	100		
235	58.1	42.3	82.3
272	11.4	0.0	33.1

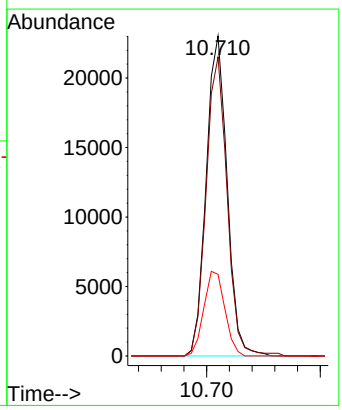


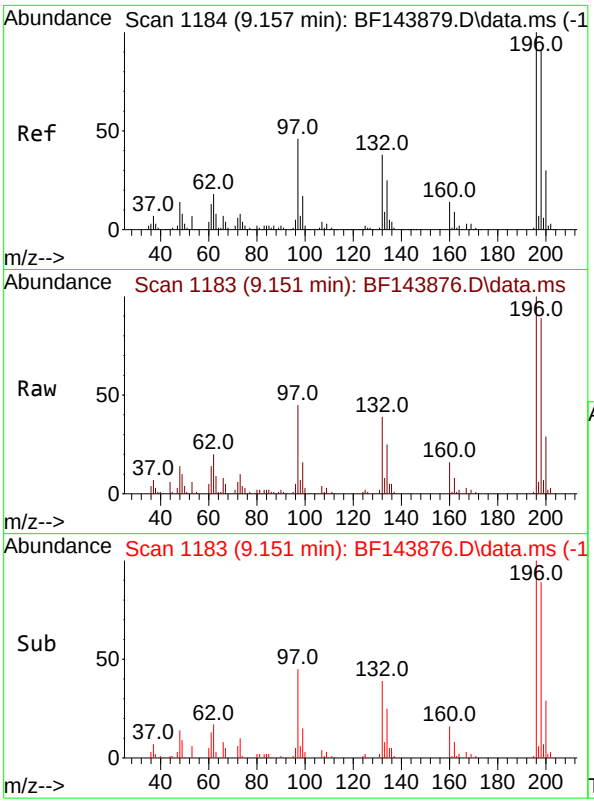


#42
2,4,6-Tribromophenol
Concen: 9.721 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:330 Resp: 29360

Ion	Ratio	Lower	Upper
330	100		
332	93.9	76.9	115.3
141	26.6	20.2	30.4



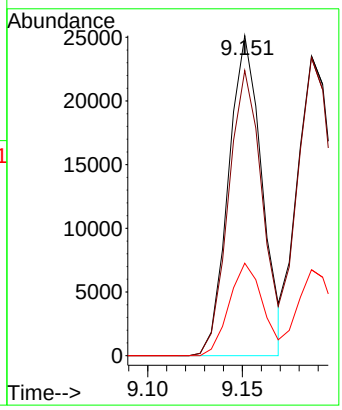


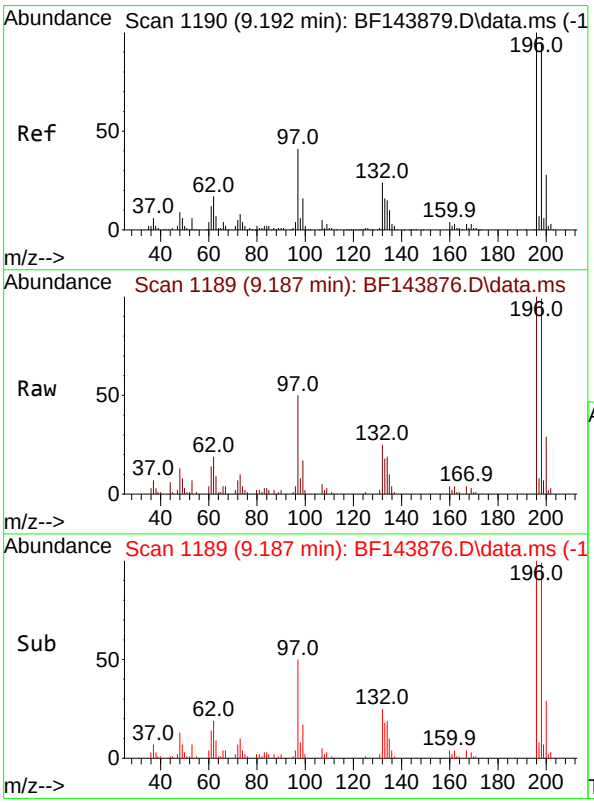
#43
2,4,6-Trichlorophenol
Concen: 5.047 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:196 Resp: 30908

Ion	Ratio	Lower	Upper
196	100		
198	89.1	72.8	109.2
200	28.9	24.0	36.0

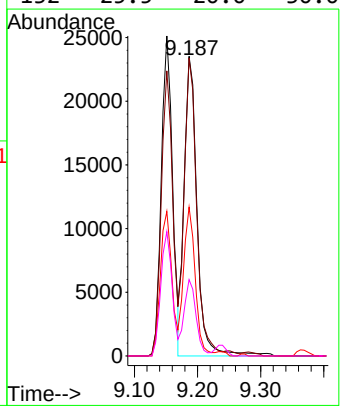


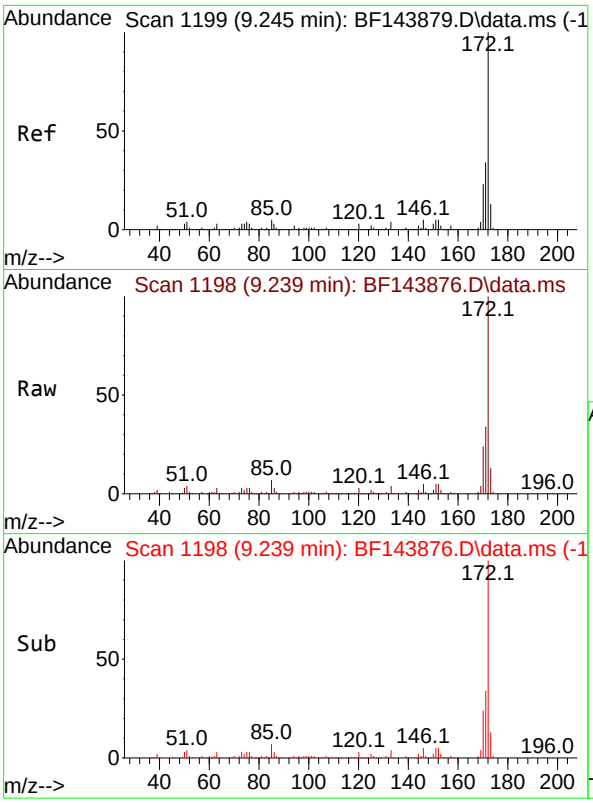


#44
2,4,5-Trichlorophenol
Concen: 5.194 ng
RT: 9.187 min Scan# 1189
Delta R.T. -0.017 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:196 Resp: 33613

Ion	Ratio	Lower	Upper
196	100		
198	99.4	75.5	113.3
97	49.7	33.9	50.9
132	25.5	20.0	30.0



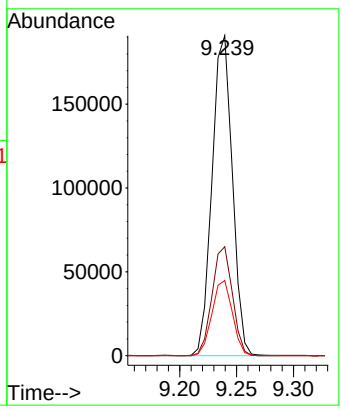


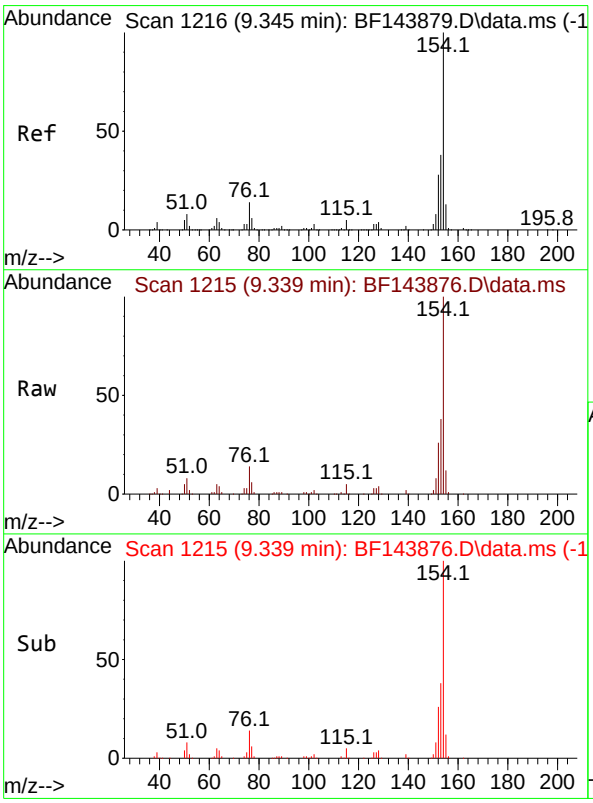
#45
2-Fluorobiphenyl
Concen: 12.438 ng
RT: 9.239 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:172 Resp: 237689

Ion	Ratio	Lower	Upper
172	100		
171	34.0	27.4	41.0
170	23.5	18.6	28.0

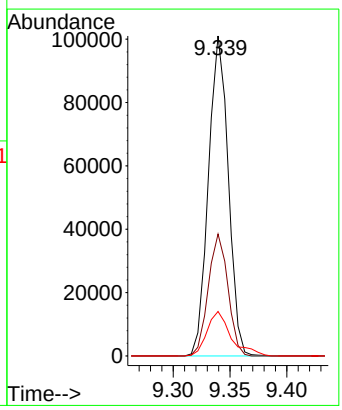


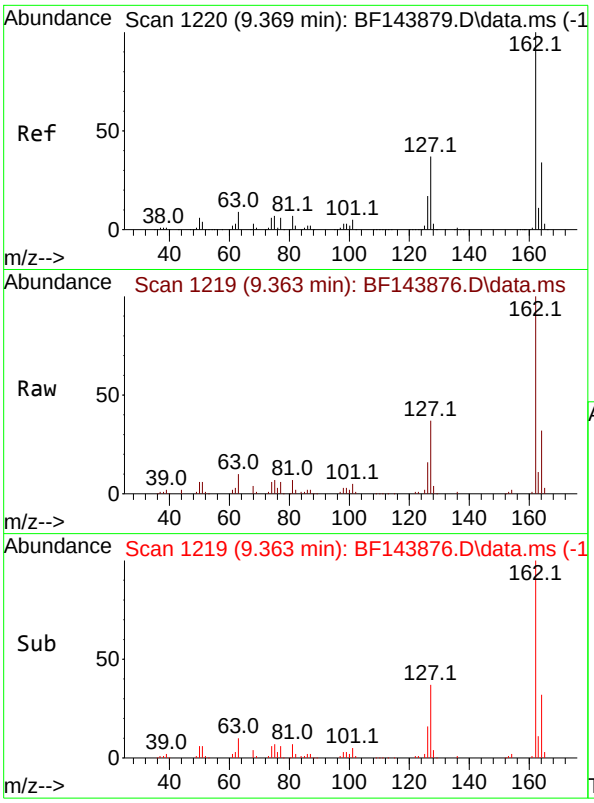


#46
1,1'-Biphenyl
Concen: 6.105 ng
RT: 9.339 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:154 Resp: 122568

Ion	Ratio	Lower	Upper
154	100		
153	38.1	18.4	58.4
76	13.9	0.0	34.0



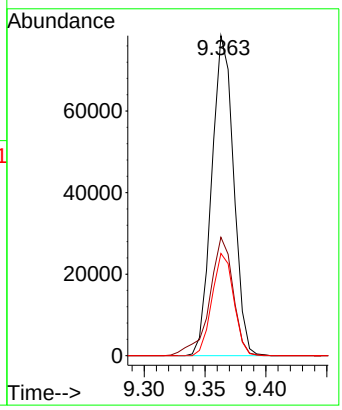


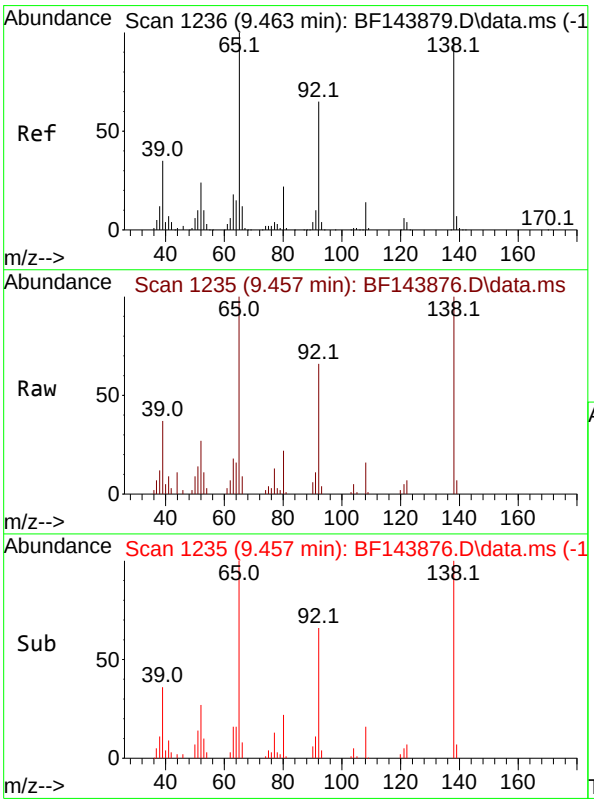
#47
2-Chloronaphthalene
Concen: 5.861 ng
RT: 9.363 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:162 Resp: 98102

Ion	Ratio	Lower	Upper
162	100		
127	37.0	30.2	45.2
164	32.0	26.9	40.3

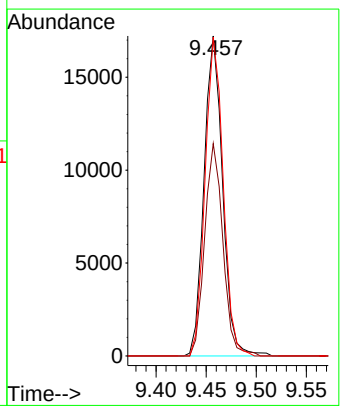


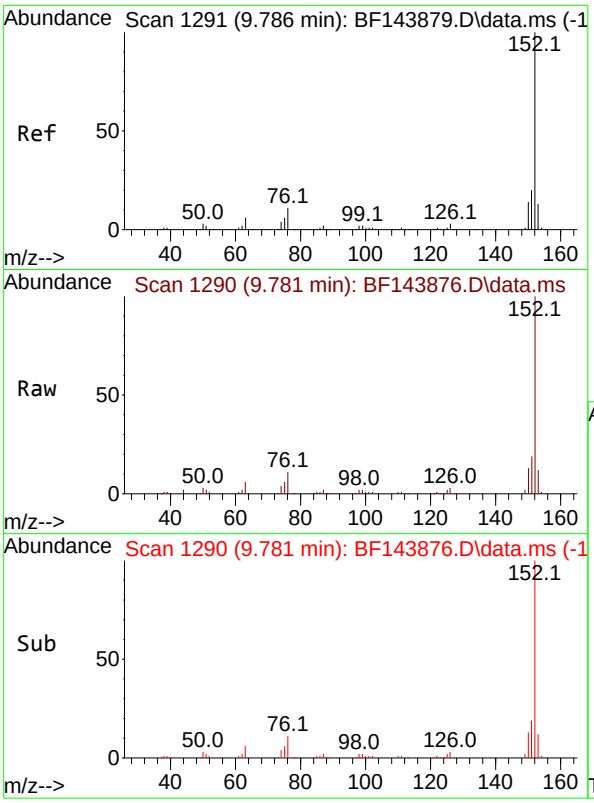


#48
2-Nitroaniline
Concen: 4.193 ng
RT: 9.457 min Scan# 1235
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion: 65 Resp: 22188

Ion	Ratio	Lower	Upper
65	100		
92	66.3	52.1	78.1
138	99.6	77.4	116.2



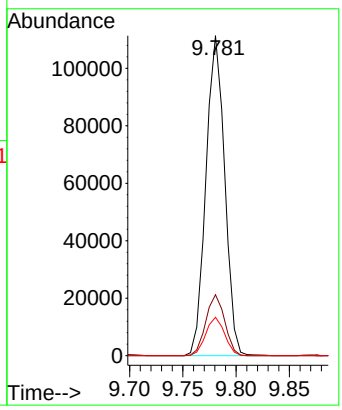


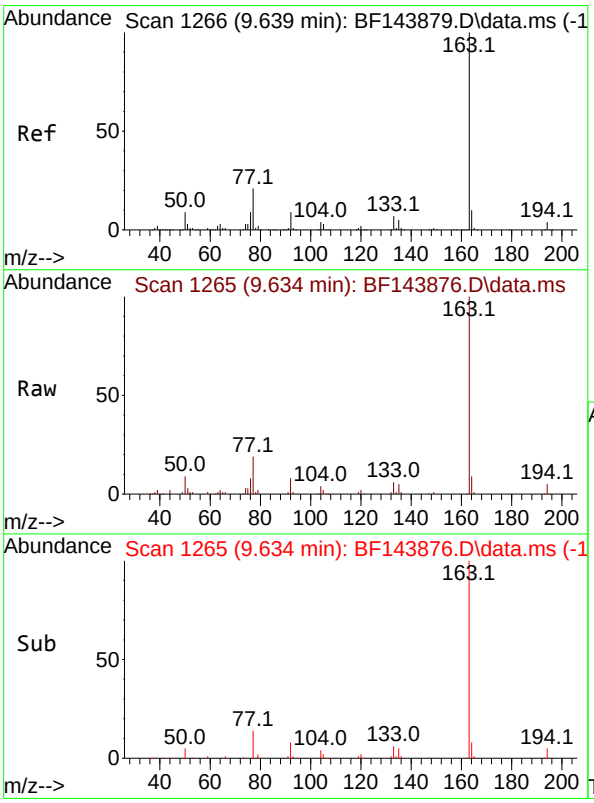
#49
Acenaphthylene
Concen: 5.788 ng
RT: 9.781 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 136204

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.8	23.6
153	12.0	10.5	15.7

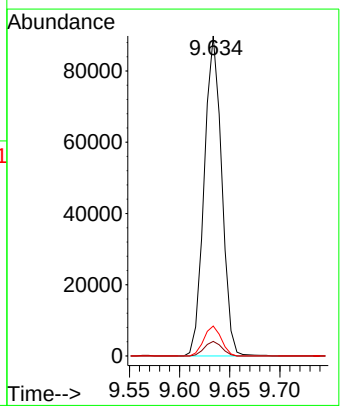


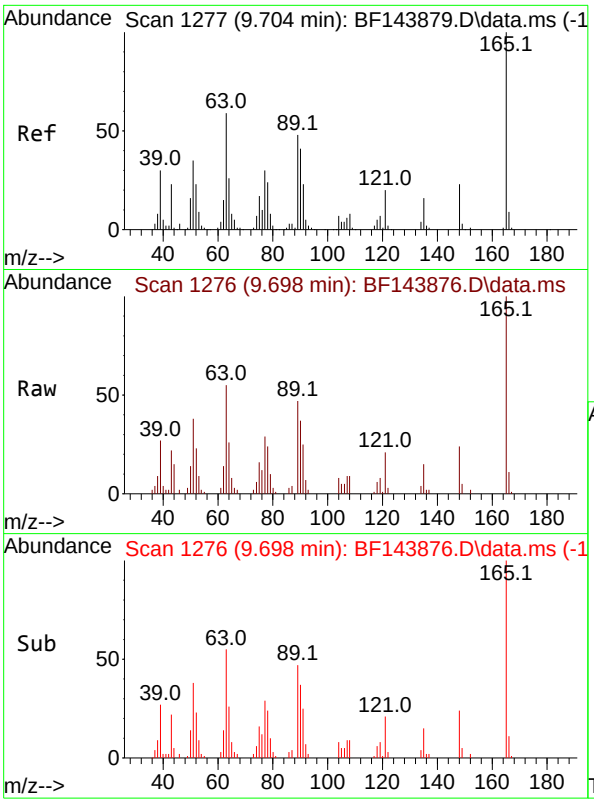


#50
Dimethylphthalate
Concen: 5.677 ng
RT: 9.634 min Scan# 1265
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:163 Resp: 109323

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.3	4.9
164	9.4	8.1	12.1



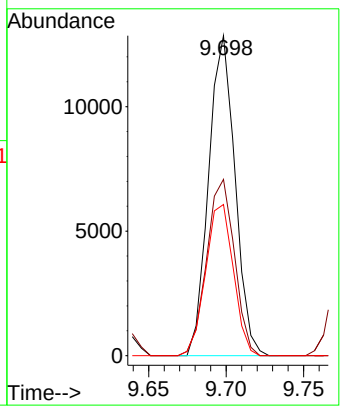


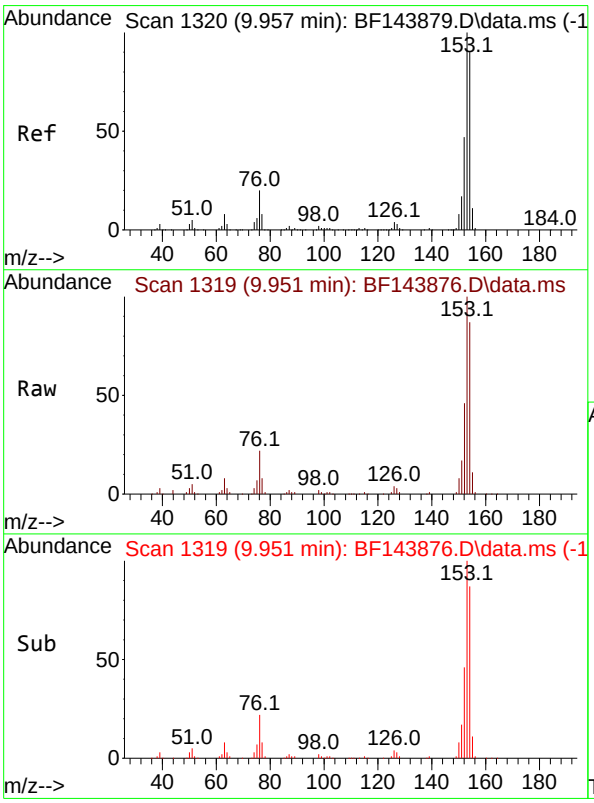
#51
2,6-Dinitrotoluene
Concen: 4.265 ng
RT: 9.698 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:165 Resp: 15228

Ion	Ratio	Lower	Upper
165	100		
63	55.1	47.3	70.9
89	47.3	38.2	57.4

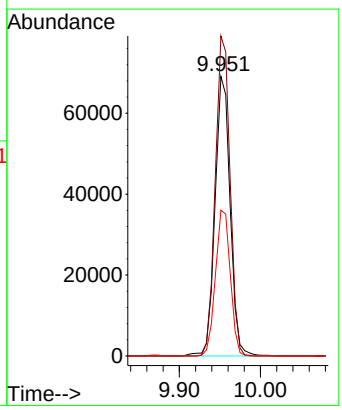


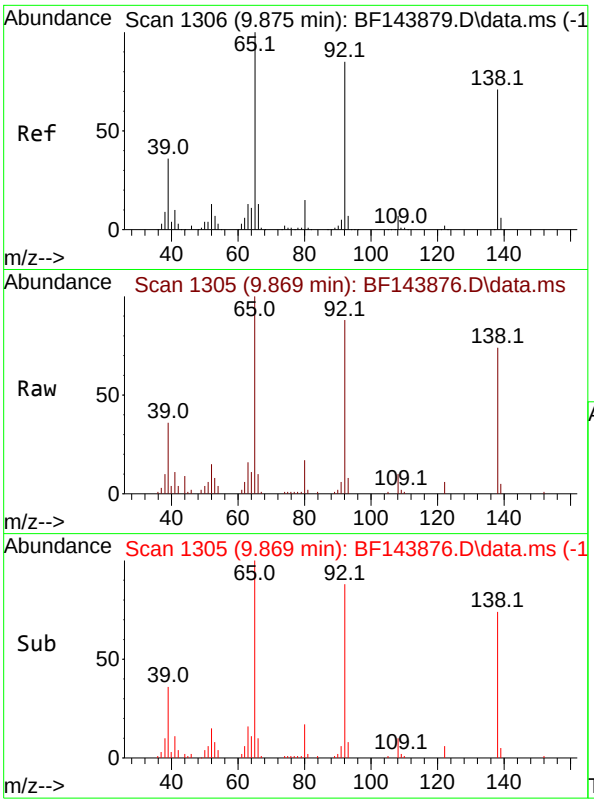


#52
Acenaphthene
Concen: 5.787 ng
RT: 9.951 min Scan# 1319
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:154 Resp: 89242

Ion	Ratio	Lower	Upper
154	100		
153	114.5	89.3	133.9
152	52.2	42.2	63.2



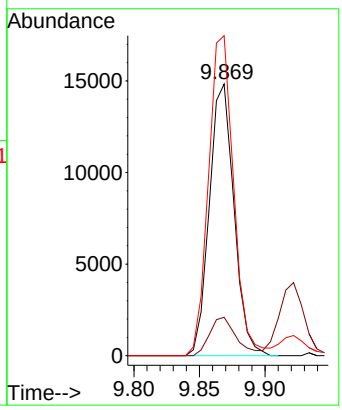


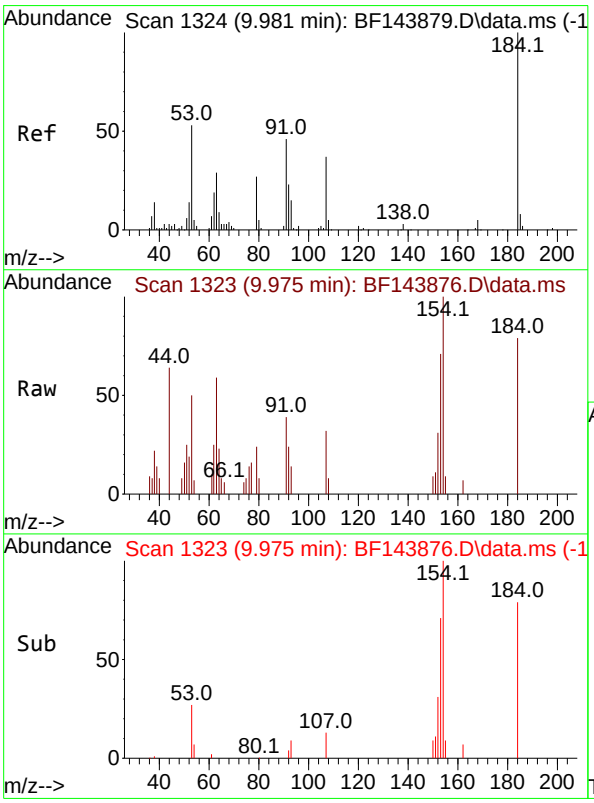
#53
3-Nitroaniline
Concen: 4.437 ng
RT: 9.869 min Scan# 1
Delta R.T. -0.017 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:138 Resp: 19400

Ion	Ratio	Lower	Upper
138	100		
108	14.1	8.3	12.5#
92	117.8	96.2	144.2

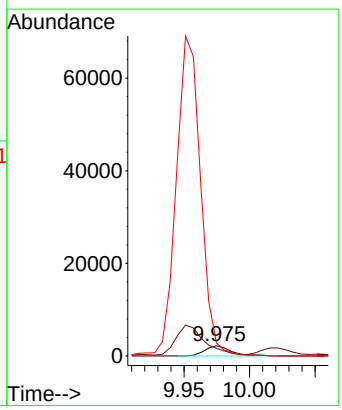


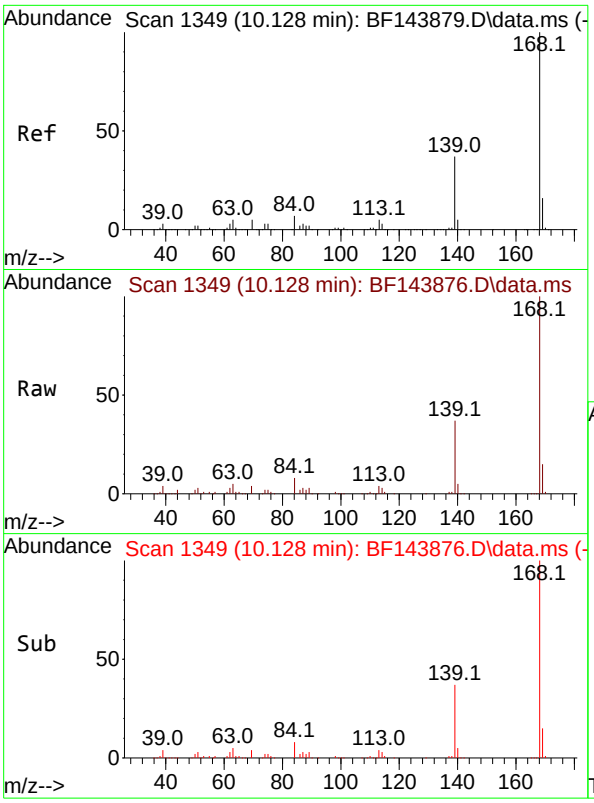


#54
2,4-Dinitrophenol
Concen: 8.204 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.011 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:184 Resp: 3047

Ion	Ratio	Lower	Upper
184	100		
63	75.0	48.2	72.4#
154	127.1	49.2	73.8#



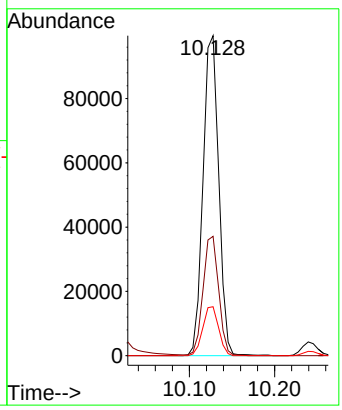


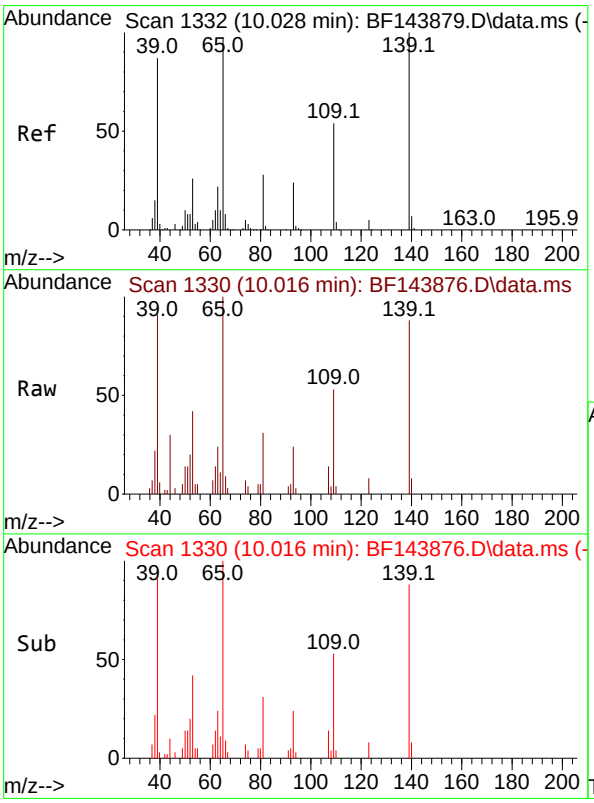
#55
Dibenzofuran
Concen: 5.852 ng
RT: 10.128 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:168 Resp: 127374

Ion	Ratio	Lower	Upper
168	100		
139	37.3	29.8	44.8
169	15.3	12.8	19.2

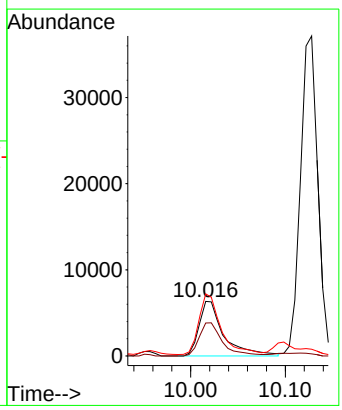


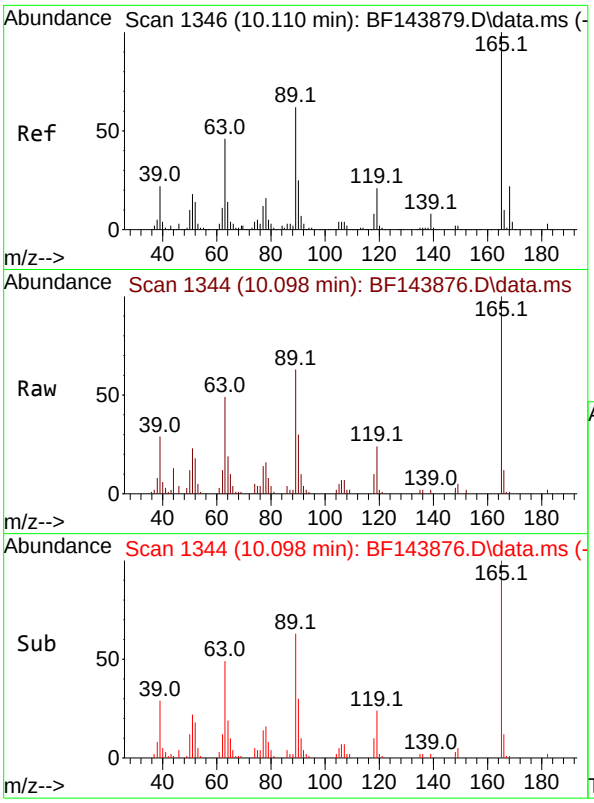


#56
4-Nitrophenol
Concen: 3.476 ng
RT: 10.016 min Scan# 1330
Delta R.T. -0.023 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:139 Resp: 11507

Ion	Ratio	Lower	Upper
139	100		
109	60.3	34.5	74.5
65	113.9	77.6	117.6



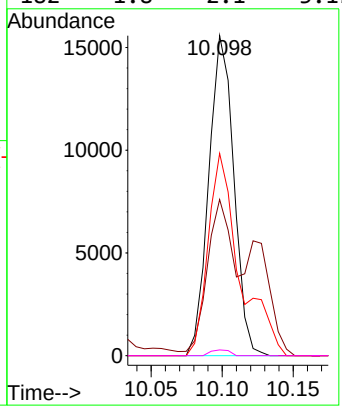


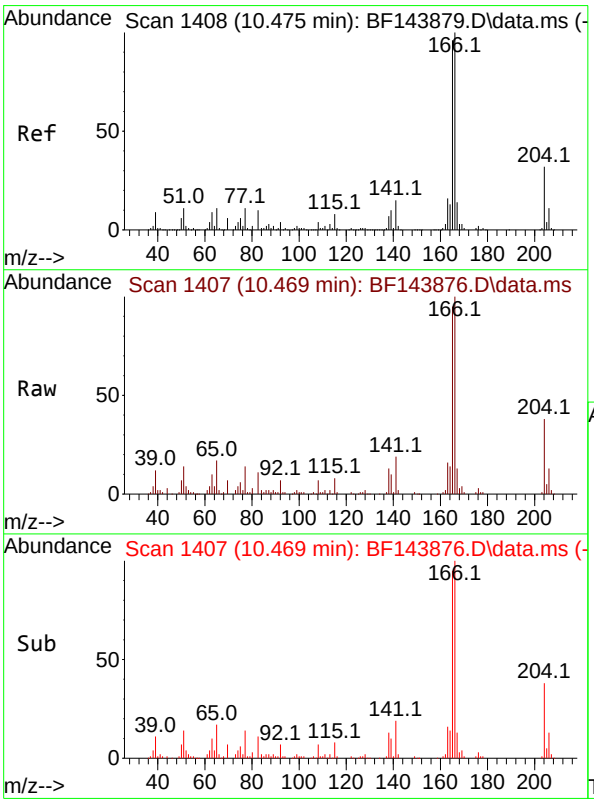
#57
2,4-Dinitrotoluene
Concen: 3.932 ng
RT: 10.098 min Scan# 1
Delta R.T. -0.017 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:165 Resp: 19103

Ion	Ratio	Lower	Upper
165	100		
63	48.8	37.2	55.8
89	63.2	49.4	74.2
182	1.8	2.1	3.1#

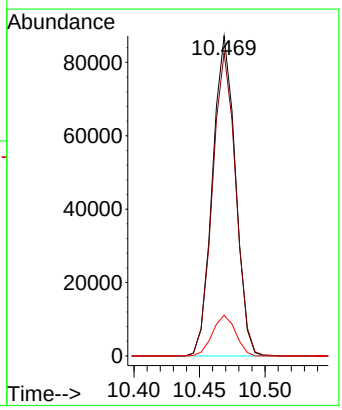


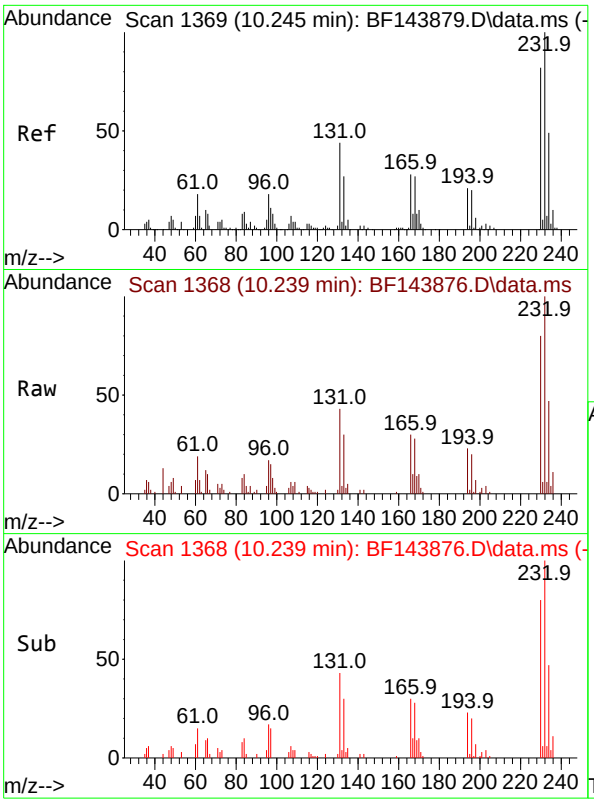


#58
Fluorene
Concen: 6.430 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:166 Resp: 105607

Ion	Ratio	Lower	Upper
166	100		
165	94.8	77.0	115.6
167	12.7	11.1	16.7



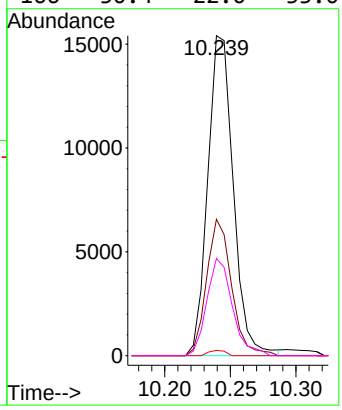


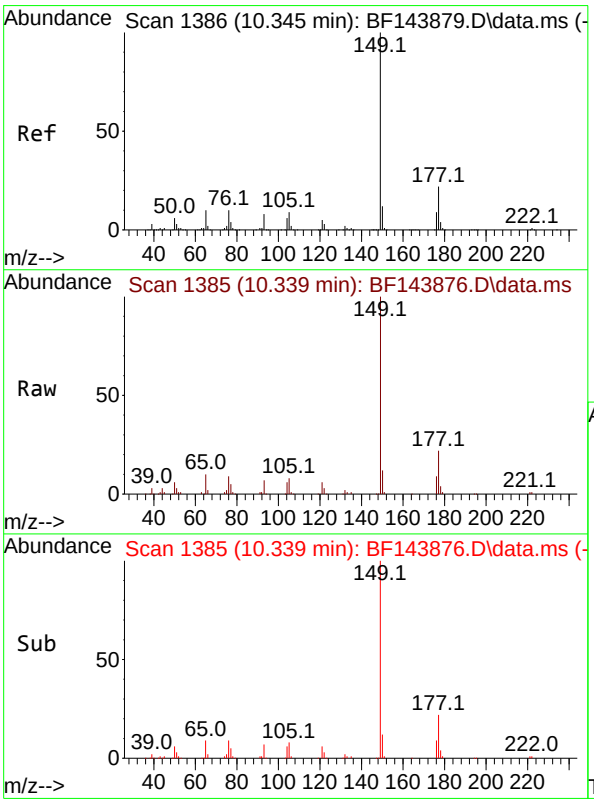
#59
2,3,4,6-Tetrachlorophenol
Concen: 4.560 ng
RT: 10.239 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:232 Resp: 20888

Ion	Ratio	Lower	Upper
232	100		
131	41.6	34.9	52.3
130	1.1	1.6	2.4#
166	30.4	22.0	33.0

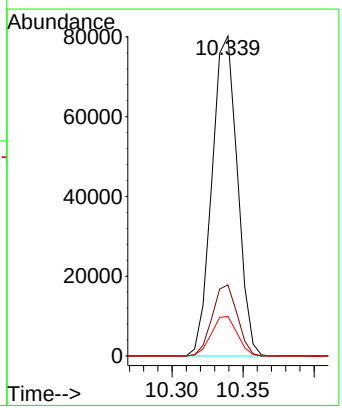


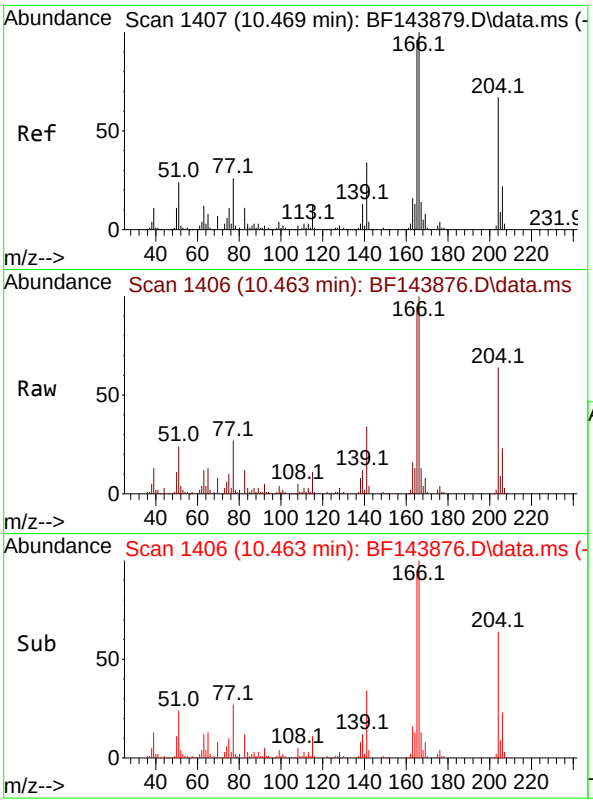


#60
Diethylphthalate
Concen: 5.590 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:149 Resp: 100010

Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.9	26.9
150	12.3	9.8	14.8



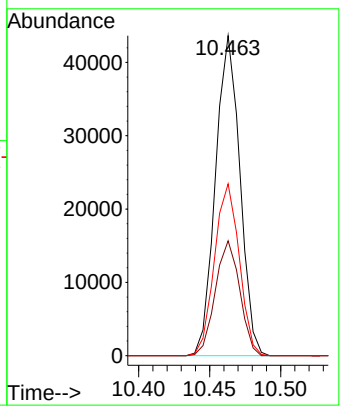


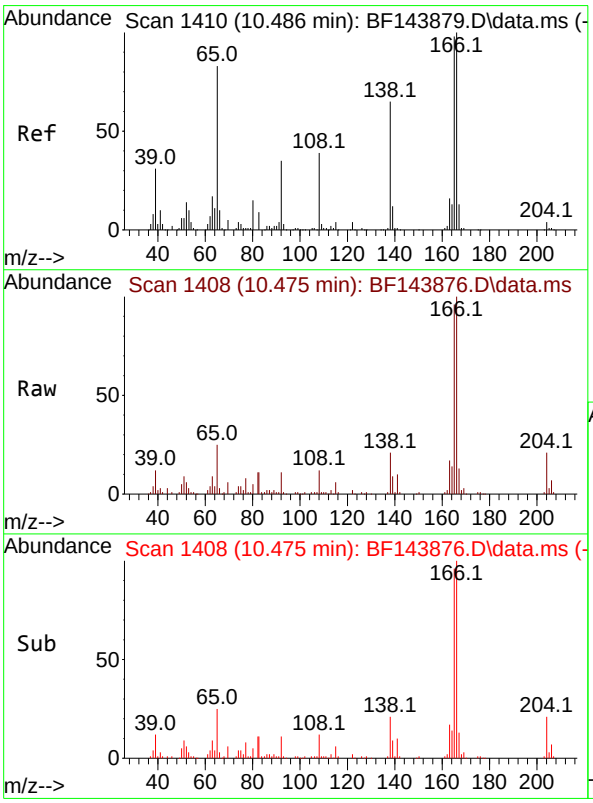
#61
4-Chlorophenyl-phenylether
Concen: 6.011 ng
RT: 10.463 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:204 Resp: 52199

Ion	Ratio	Lower	Upper
204	100		
206	35.9	26.6	40.0
141	53.7	40.4	60.6

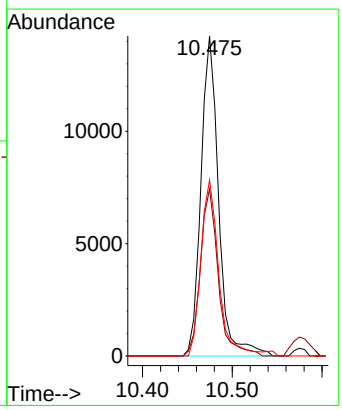


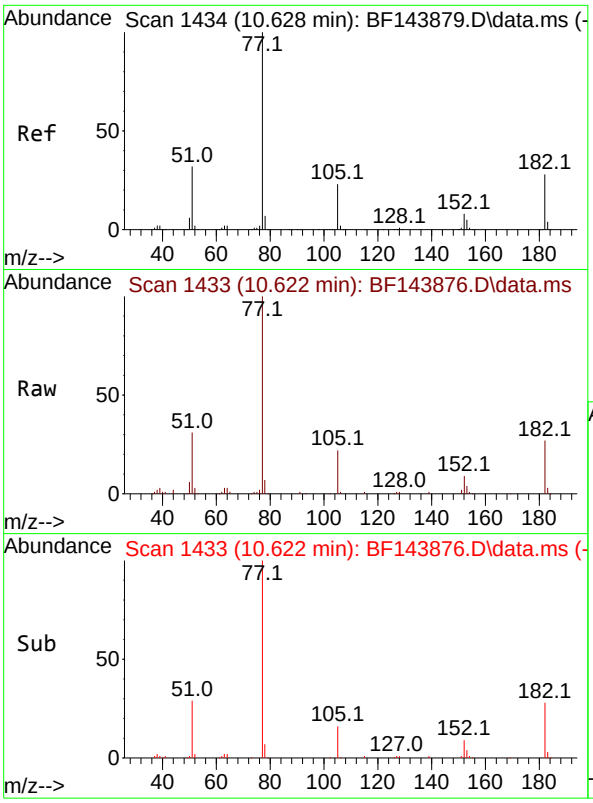


#62
4-Nitroaniline
Concen: 4.625 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.035 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:138 Resp: 19447

Ion	Ratio	Lower	Upper
138	100		
92	52.2	33.9	73.9
108	54.9	40.2	80.2



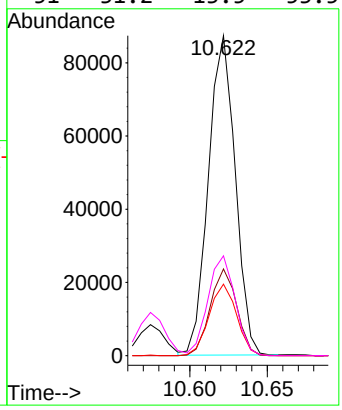


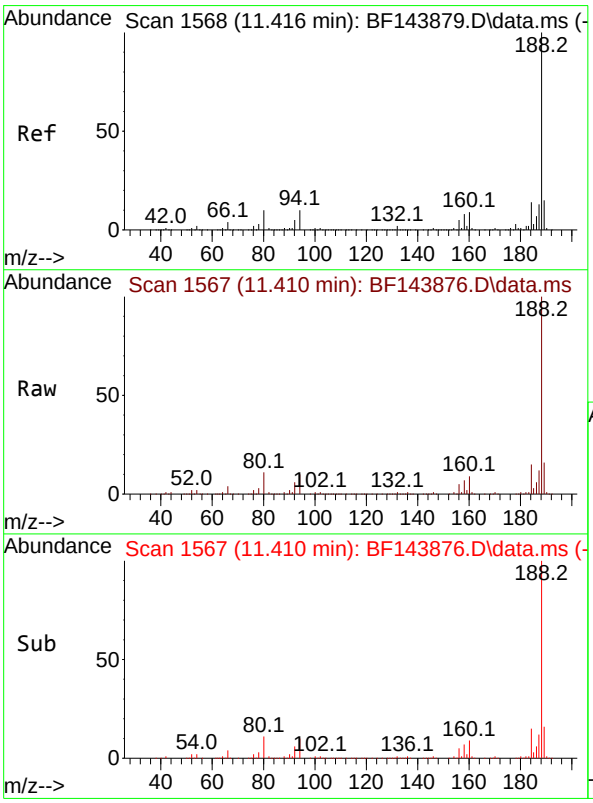
#63
Azobenzene
Concen: 5.625 ng
RT: 10.622 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 77 Resp: 105174

Ion	Ratio	Lower	Upper
77	100		
182	27.1	7.3	47.3
105	22.4	3.0	43.0
51	31.2	13.5	53.5

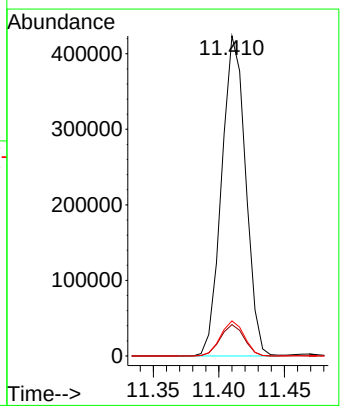


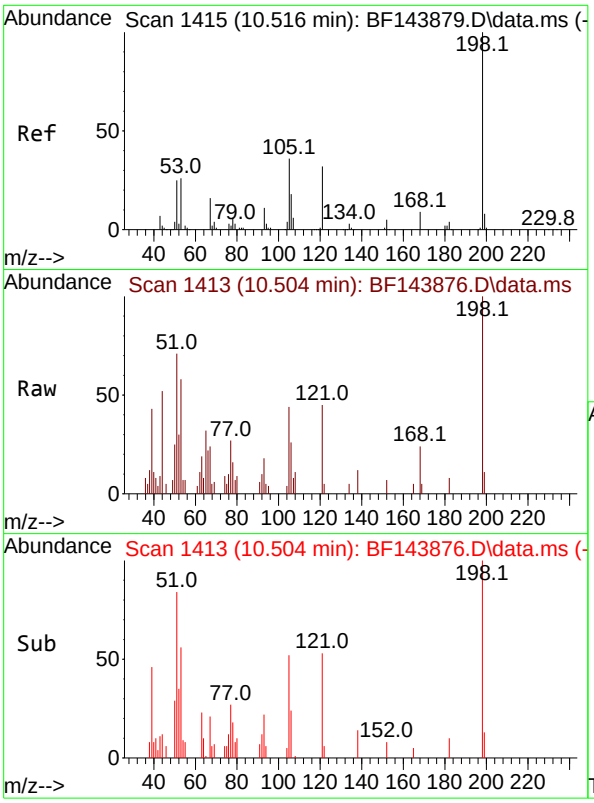


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:188 Resp: 538298

Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.8	11.6
80	11.0	7.9	11.9



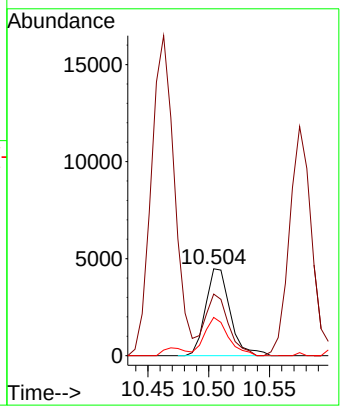


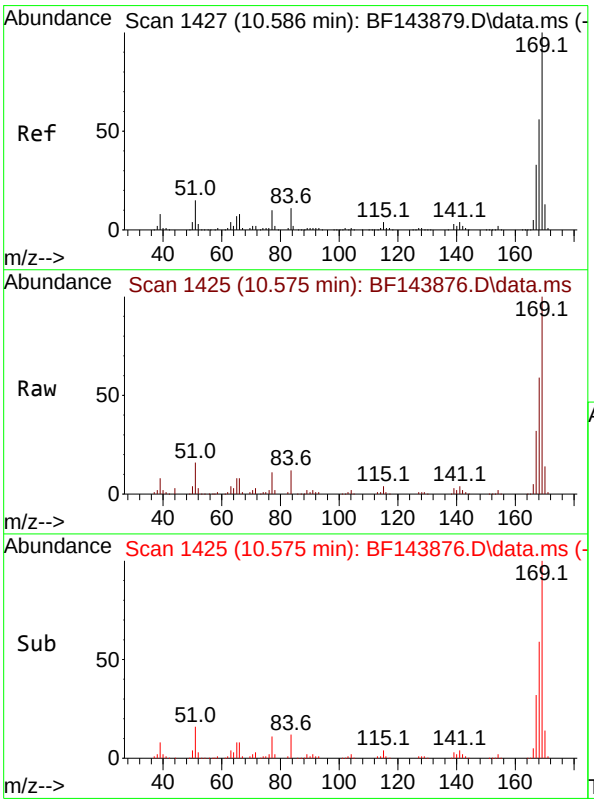
#65
4,6-Dinitro-2-methylphenol
Concen: 2.320 ng
RT: 10.504 min Scan# 14
Delta R.T. -0.029 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:198 Resp: 6277

Ion	Ratio	Lower	Upper
198	100		
51	71.0	33.8	73.8
105	44.1	17.0	57.0

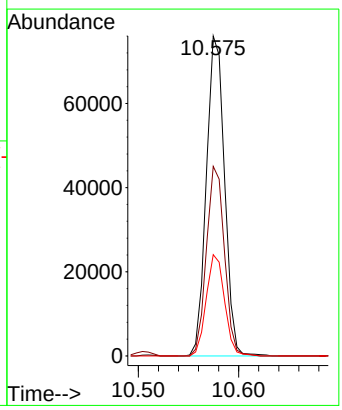


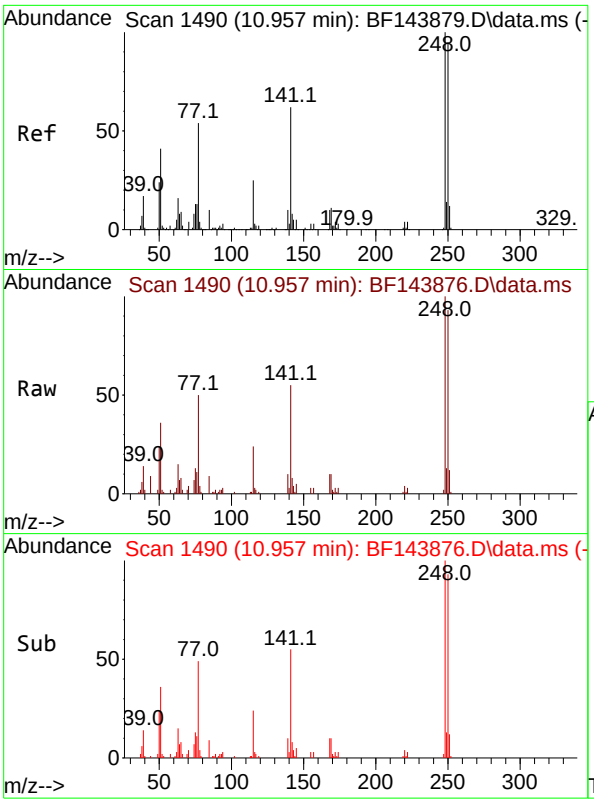


#66
n-Nitrosodiphenylamine
Concen: 5.671 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.017 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:169 Resp: 95847

Ion	Ratio	Lower	Upper
169	100		
168	59.2	44.9	67.3
167	31.7	26.3	39.5



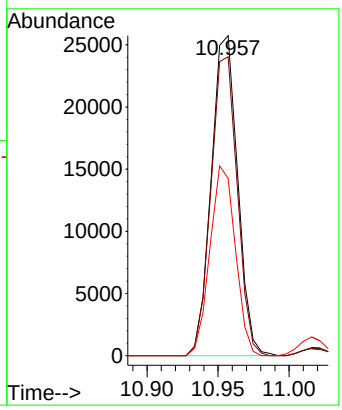


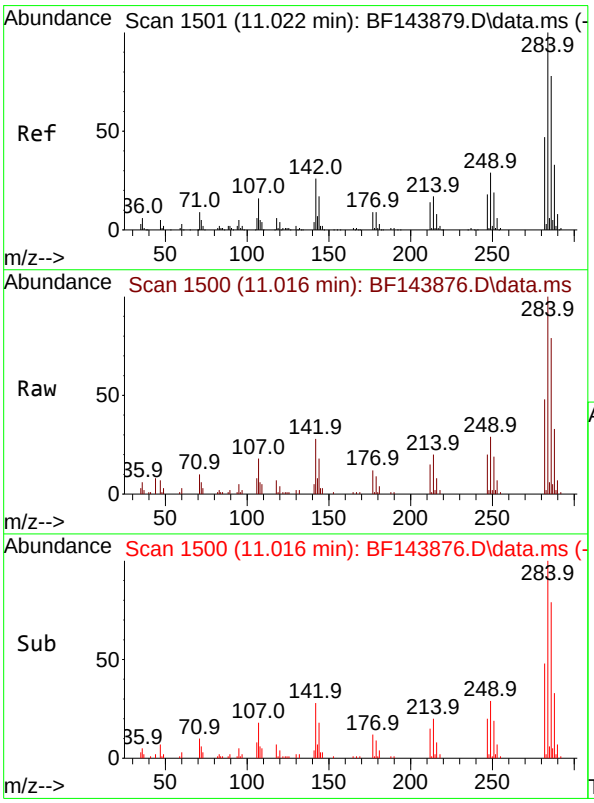
#67
4-Bromophenyl-phenylether
Concen: 5.587 ng
RT: 10.957 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:248 Resp: 33236

Ion	Ratio	Lower	Upper
248	100		
250	93.4	76.3	114.5
141	55.4	49.7	74.5

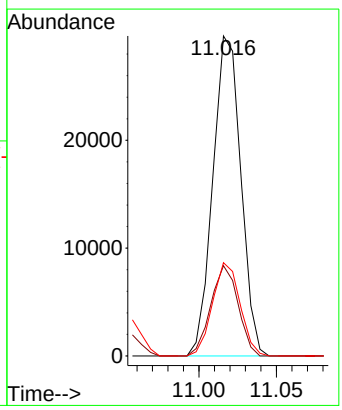


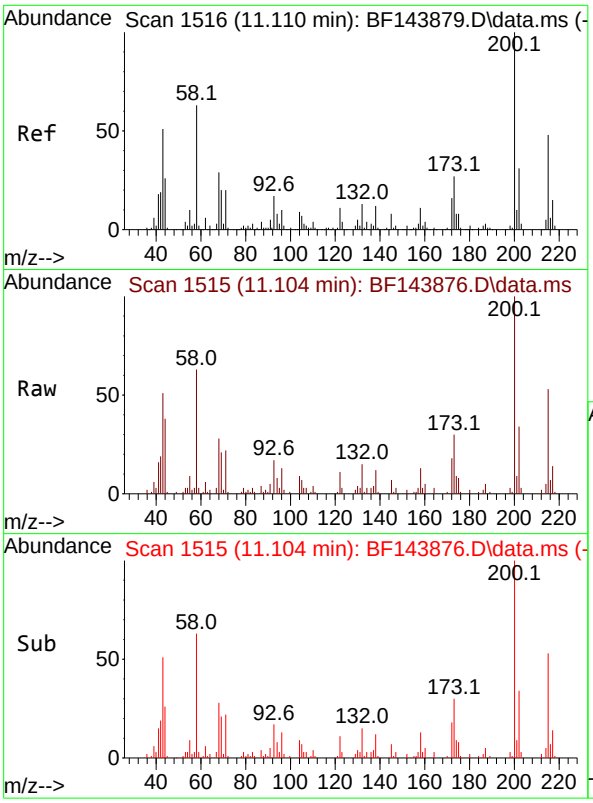


#68
Hexachlorobenzene
Concen: 5.406 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:284 Resp: 37233

Ion	Ratio	Lower	Upper
284	100		
142	28.2	20.6	30.8
249	29.2	23.2	34.8



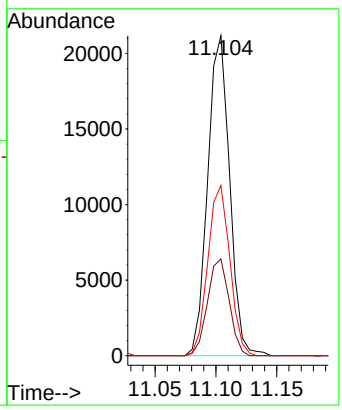


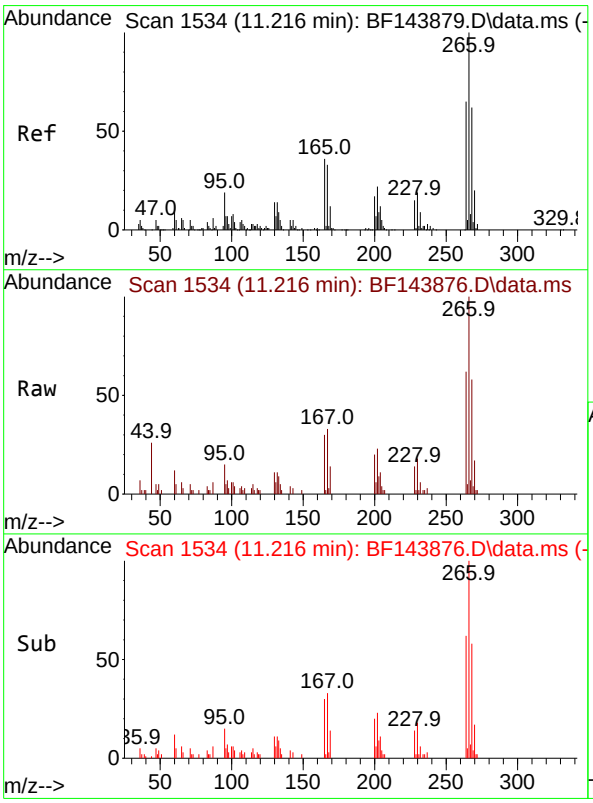
#69
Atrazine
Concen: 5.174 ng
RT: 11.104 min Scan# 1
Delta R.T. -0.017 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:200 Resp: 26507

Ion	Ratio	Lower	Upper
200	100		
173	30.3	7.0	47.0
215	53.2	27.8	67.8

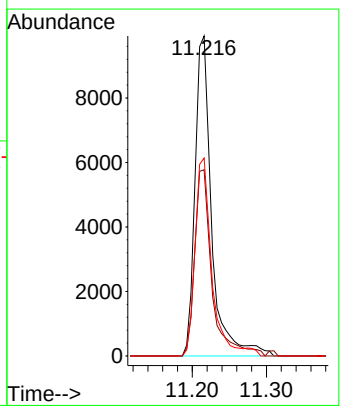


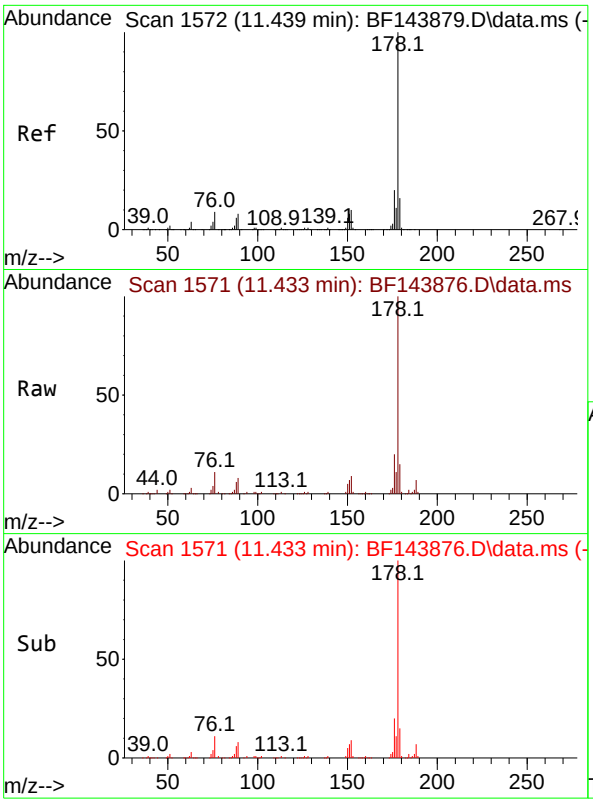


#70
Pentachlorophenol
Concen: 3.909 ng
RT: 11.216 min Scan# 1534
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:266 Resp: 15464

Ion	Ratio	Lower	Upper
266	100		
268	58.2	49.4	74.0
264	61.9	51.8	77.6



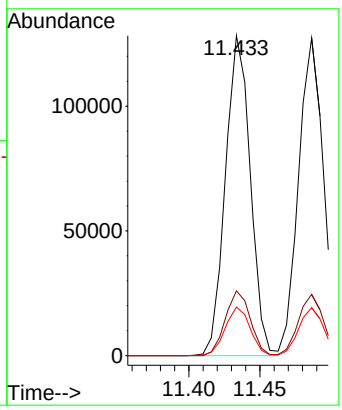


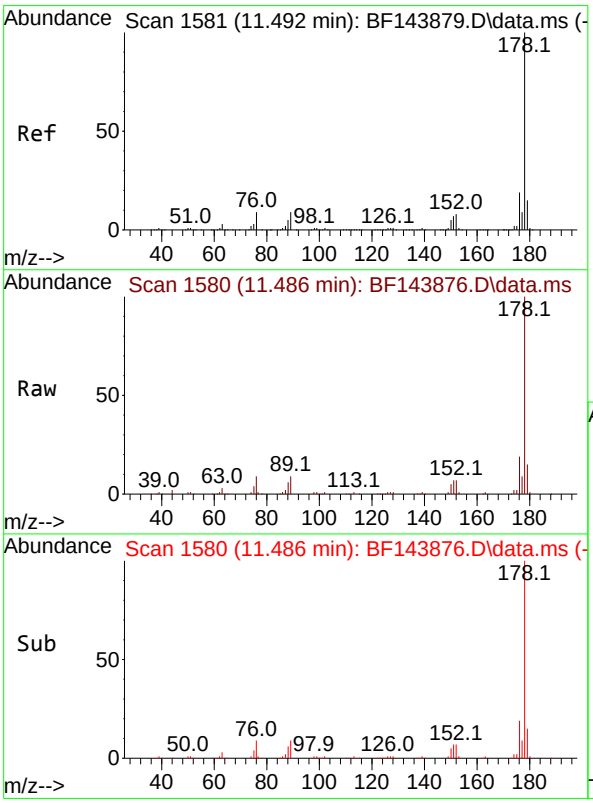
#71
Phenanthrene
Concen: 6.004 ng
RT: 11.433 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:178 Resp: 156676

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.9	23.9
179	15.2	12.4	18.6

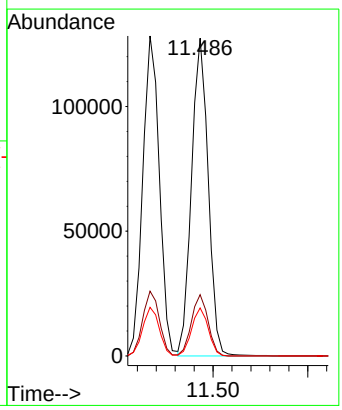


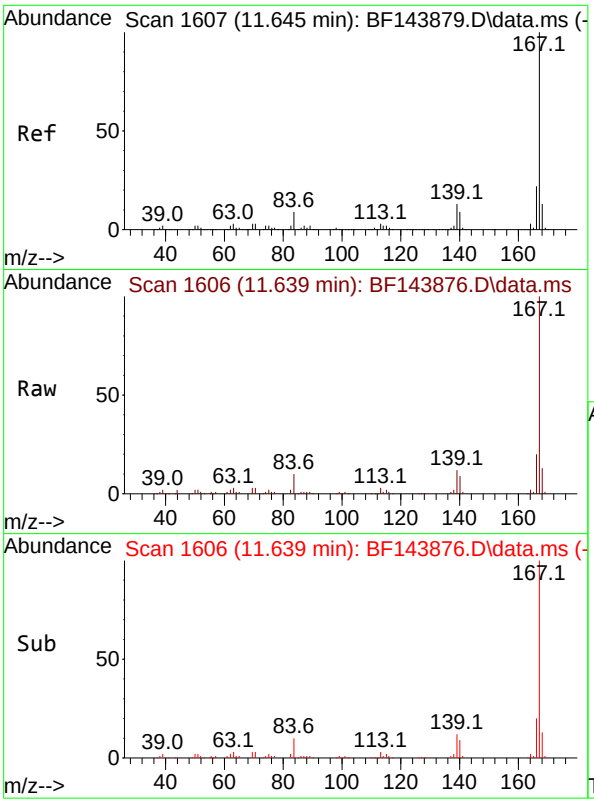


#72
Anthracene
Concen: 5.928 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:178 Resp: 156289

Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.9	22.3
179	15.1	12.2	18.2



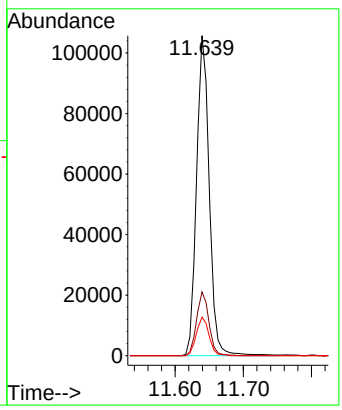


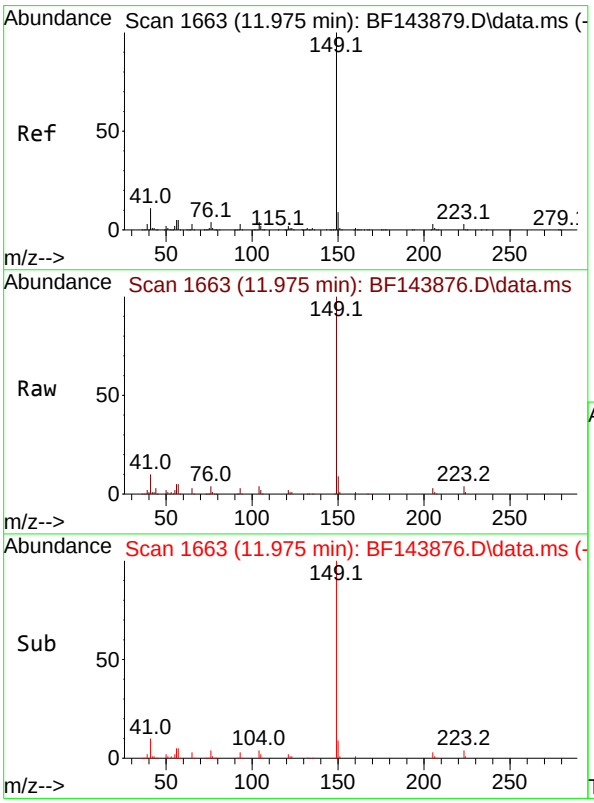
#73
Carbazole
Concen: 5.850 ng
RT: 11.639 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:167 Resp: 136597

Ion	Ratio	Lower	Upper
167	100		
166	19.9	17.2	25.8
139	12.0	10.1	15.1

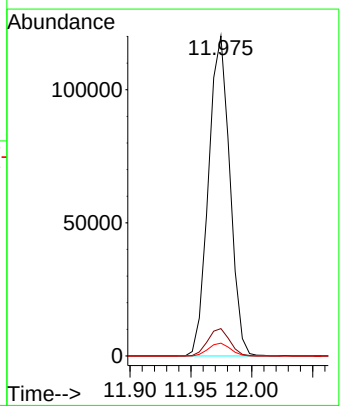


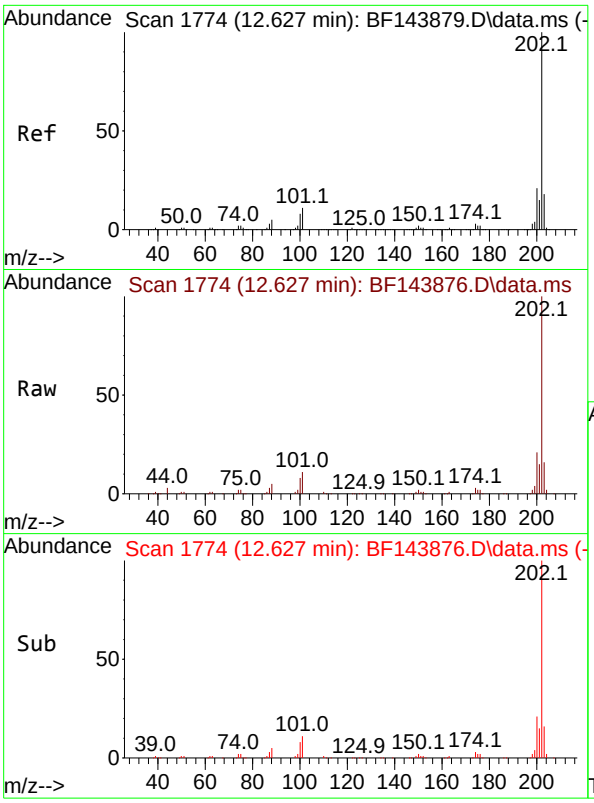


#74
Di-n-butylphthalate
Concen: 5.417 ng
RT: 11.975 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:149 Resp: 146596

Ion	Ratio	Lower	Upper
149	100		
150	8.5	7.4	11.2
104	4.0	3.4	5.2



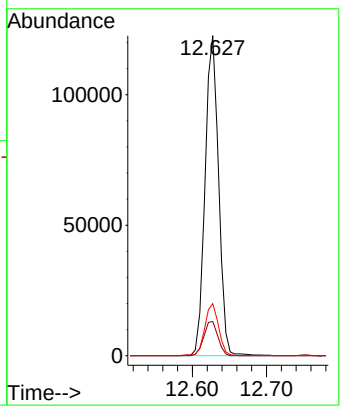


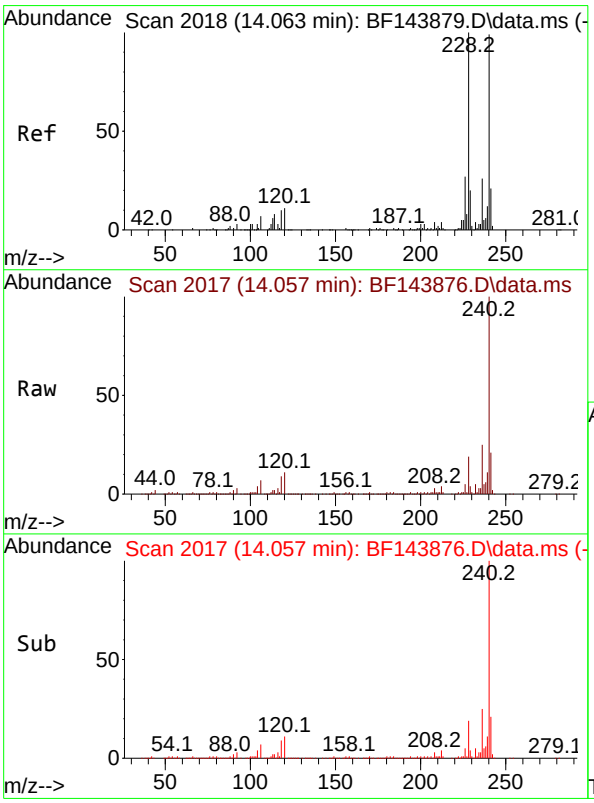
#75
Fluoranthene
Concen: 5.771 ng
RT: 12.627 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:202 Resp: 155574

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	30.7
203	16.3	0.0	37.8

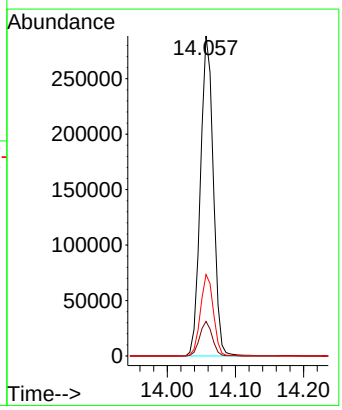


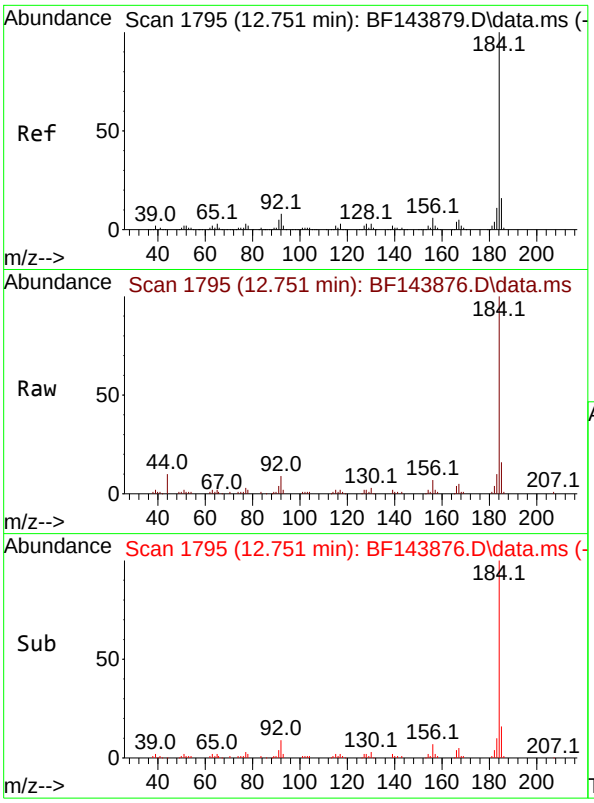


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.011 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:240 Resp: 379937

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.6	13.0
236	25.5	21.1	31.7



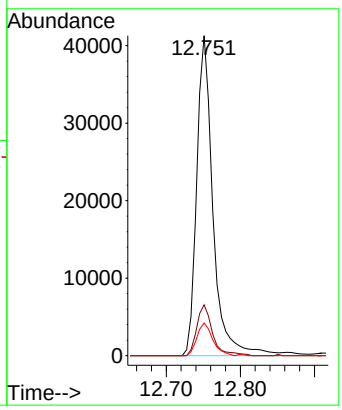


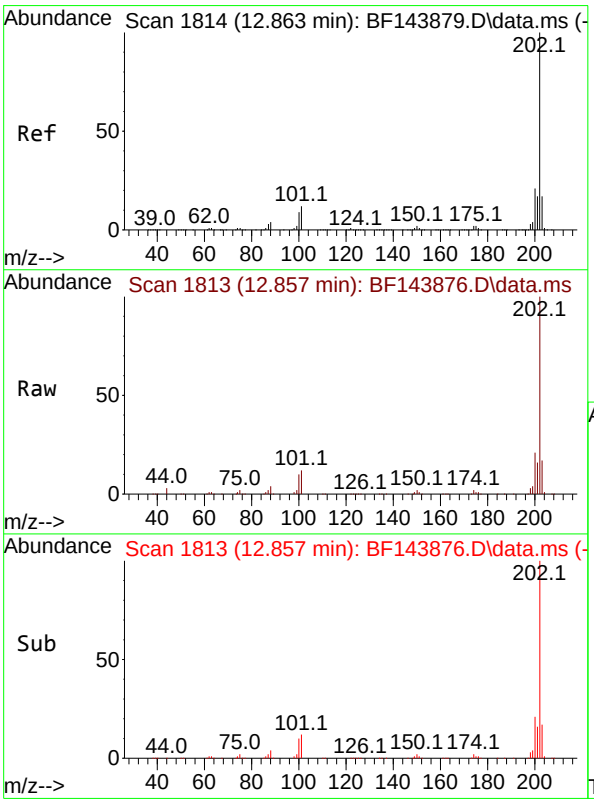
#77
Benzidine
Concen: 4.769 ng
RT: 12.751 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:184 Resp: 62912

Ion	Ratio	Lower	Upper
184	100		
185	15.9	12.6	18.8
183	10.2	8.8	13.2

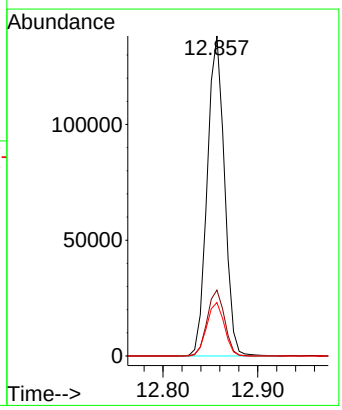


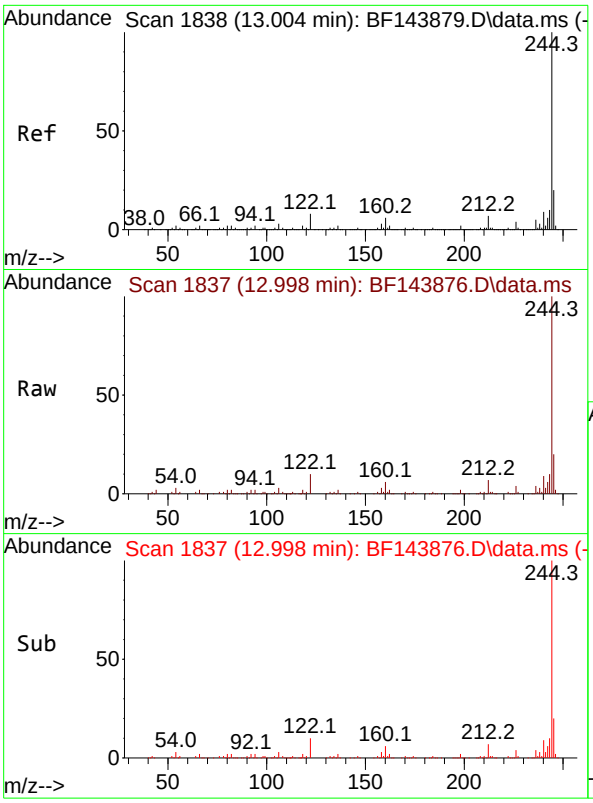


#78
Pyrene
Concen: 5.510 ng
RT: 12.857 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:202 Resp: 174542

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.0	25.6
203	16.7	13.8	20.6



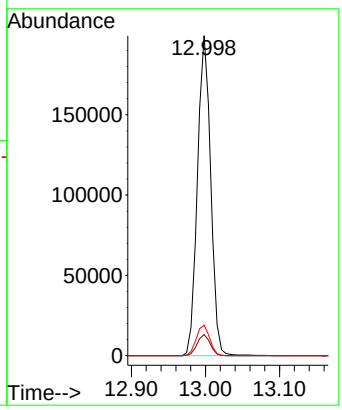


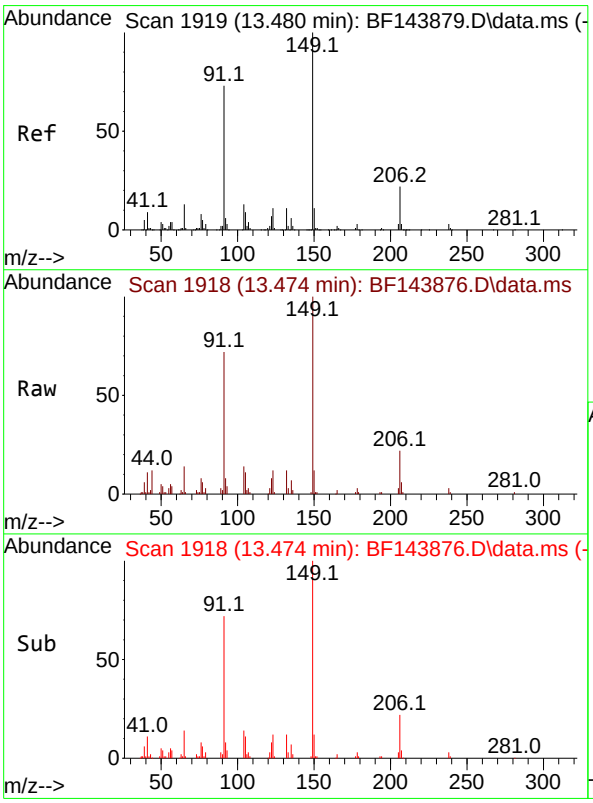
#79
Terphenyl-d14
Concen: 11.121 ng
RT: 12.998 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:244 Resp: 247223

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	9.6	6.4	9.6

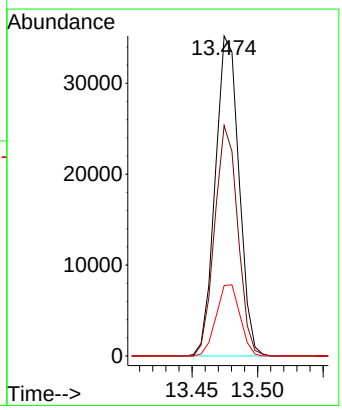


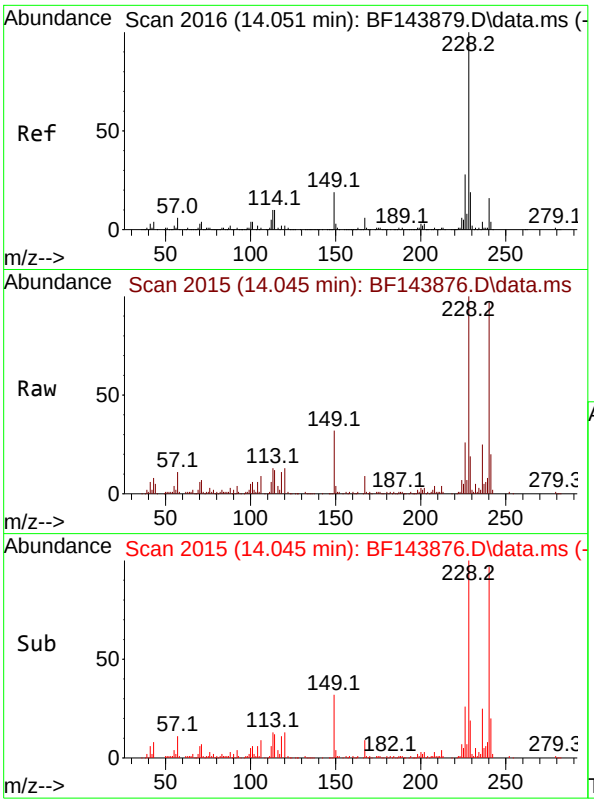


#80
Butylbenzylphthalate
Concen: 4.302 ng
RT: 13.474 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:149 Resp: 44252

Ion	Ratio	Lower	Upper
149	100		
91	72.0	58.2	87.2
206	22.0	17.9	26.9



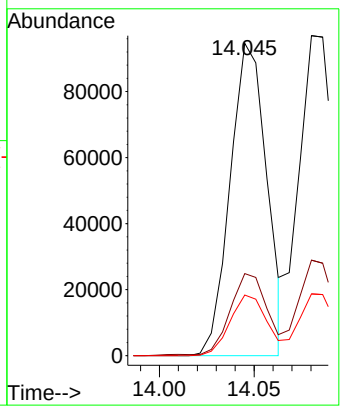


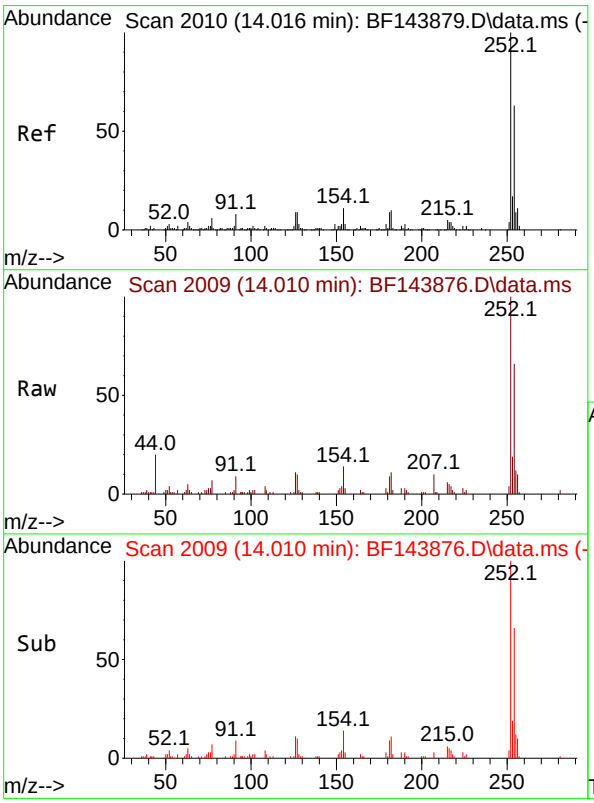
#81
Benzo(a)anthracene
Concen: 5.125 ng
RT: 14.045 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:228 Resp: 127434

Ion	Ratio	Lower	Upper
228	100		
226	26.3	22.2	33.2
229	19.4	15.6	23.4

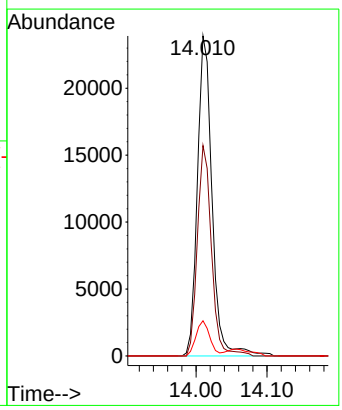


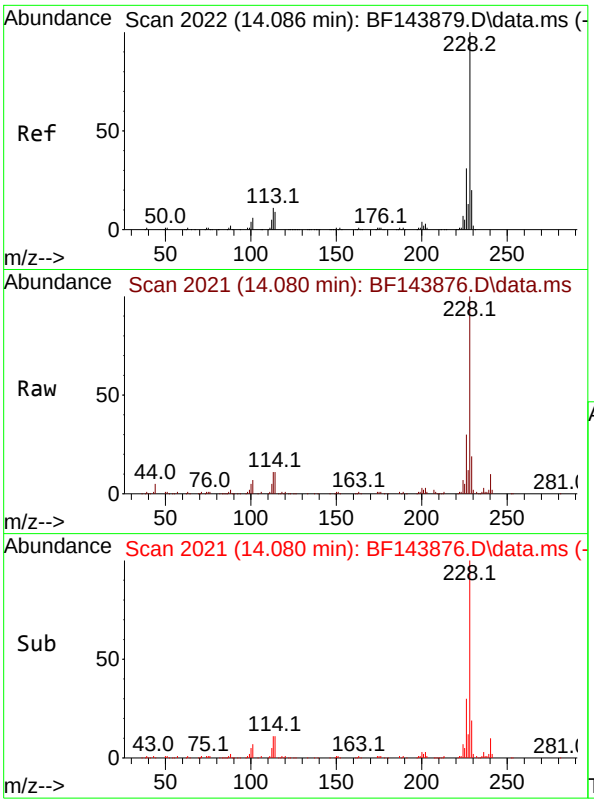


#82
3,3'-Dichlorobenzidine
Concen: 4.543 ng
RT: 14.010 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:252 Resp: 34422

Ion	Ratio	Lower	Upper
252	100		
254	65.8	50.6	76.0
126	11.0	7.0	10.6#



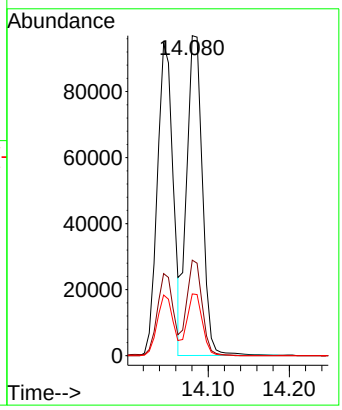


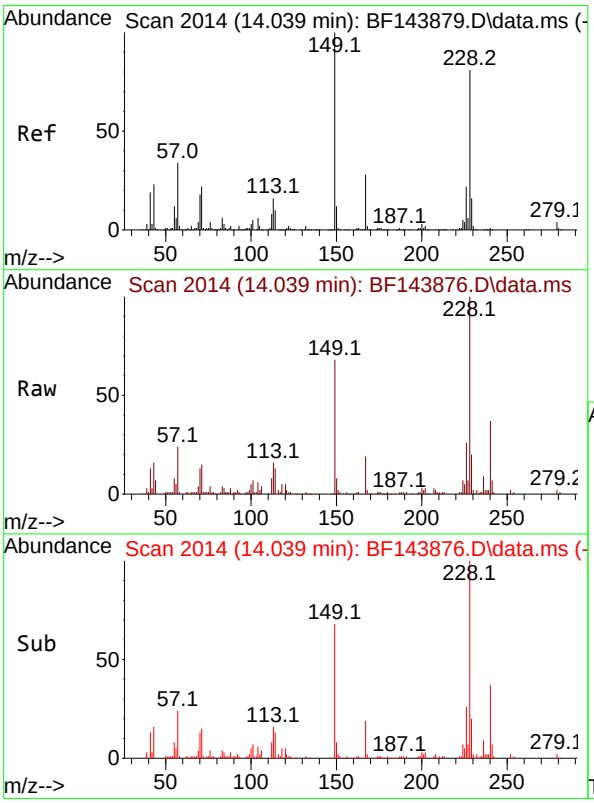
#83
Chrysene
Concen: 5.669 ng
RT: 14.080 min Scan# 2(
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:228 Resp: 130450

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.4	36.6
229	19.3	15.9	23.9

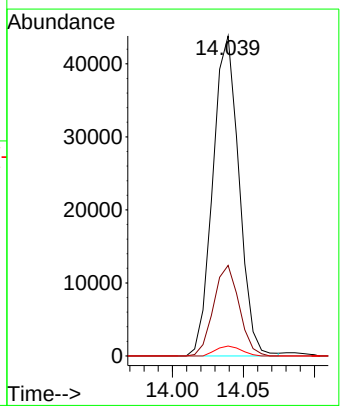


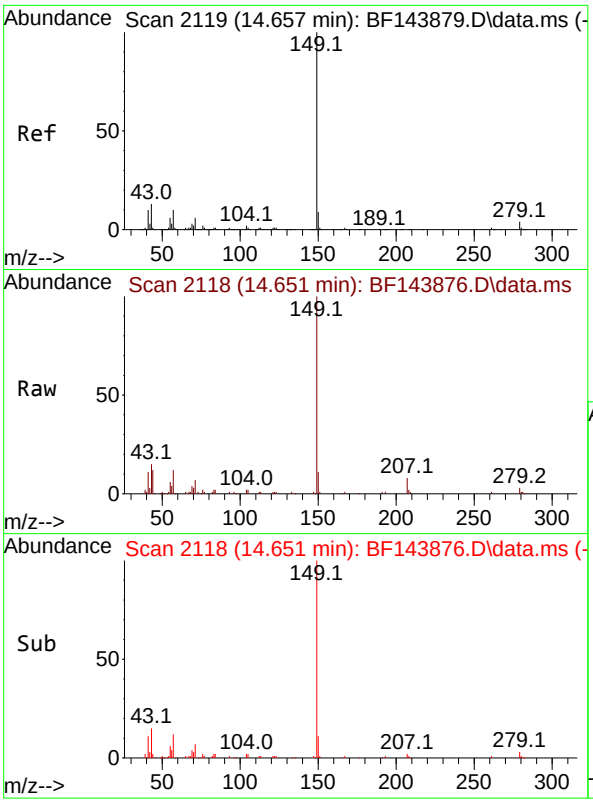


#84
Bis(2-ethylhexyl)phthalate
Concen: 4.529 ng
RT: 14.039 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:149 Resp: 56165

Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.2	33.4
279	3.1	3.1	4.7



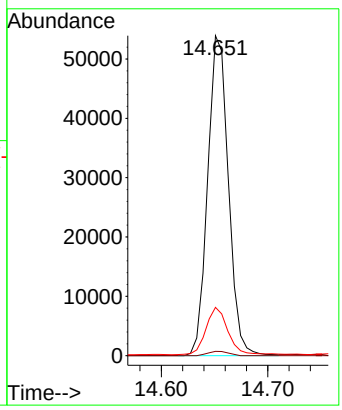


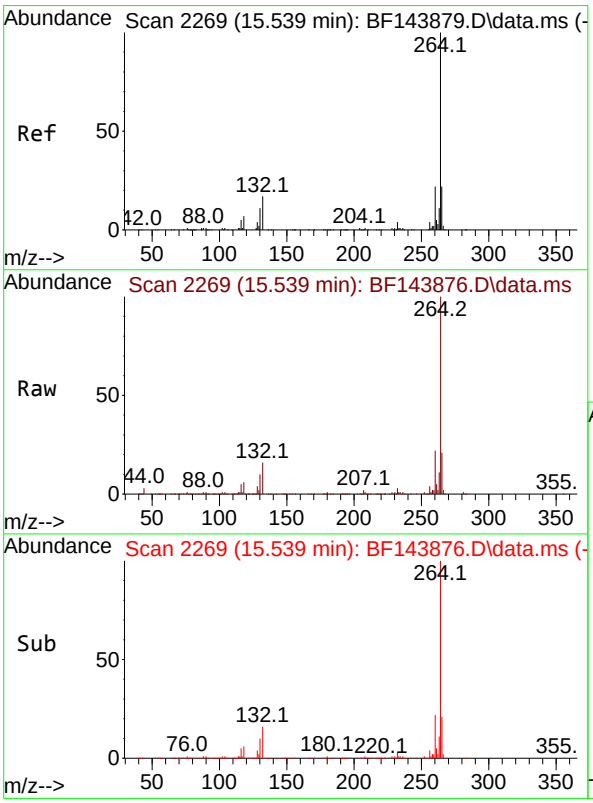
#85
Di-n-octyl phthalate
Concen: 3.585 ng
RT: 14.651 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 73019

Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.1	1.7
43	15.7	11.0	16.4

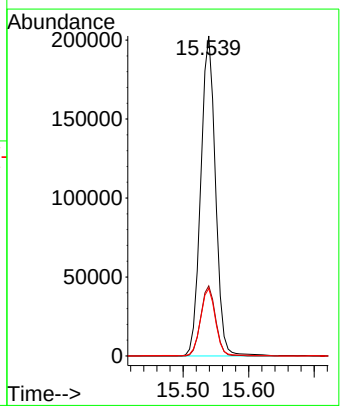


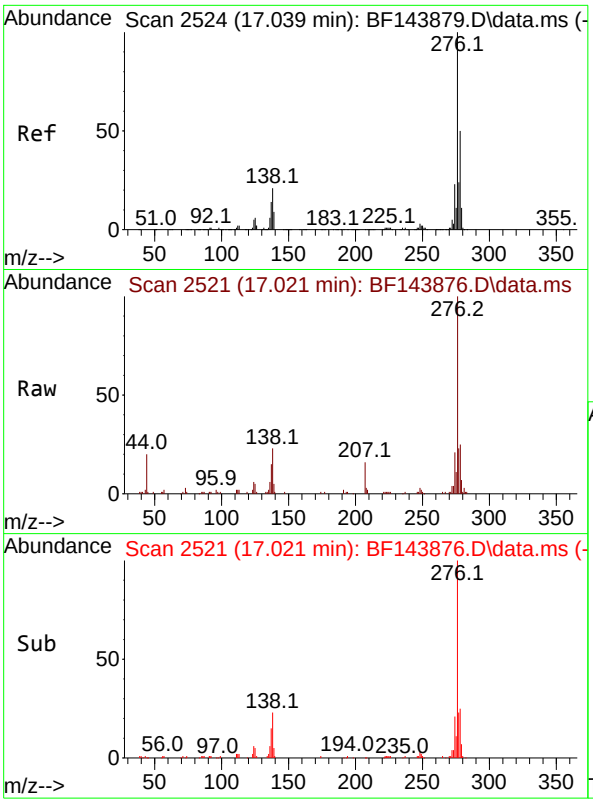


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:264 Resp: 317181

Ion	Ratio	Lower	Upper
264	100		
260	21.9	17.8	26.8
265	21.0	17.5	26.3



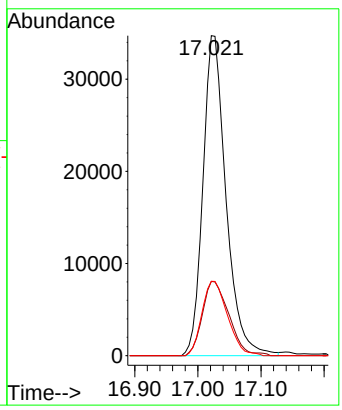


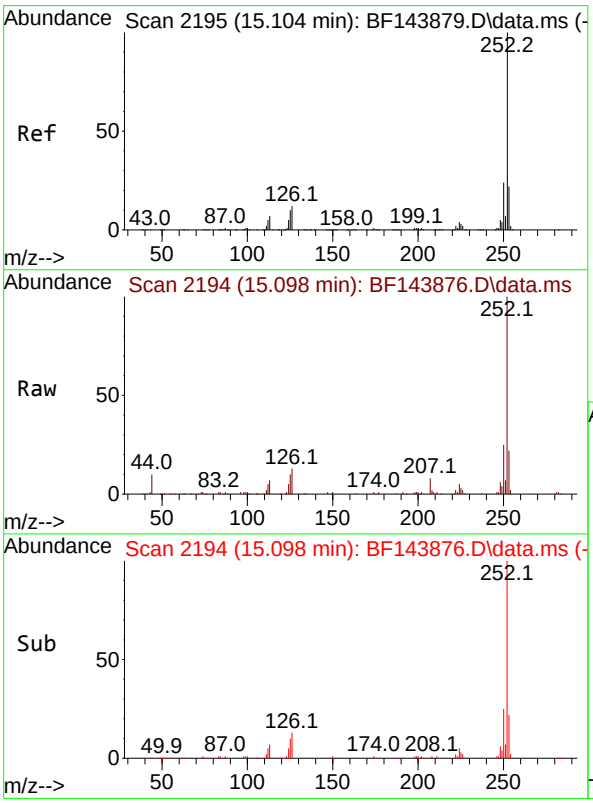
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.544 ng
RT: 17.021 min Scan# 2
Delta R.T. -0.035 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:276 Resp: 88321

Ion	Ratio	Lower	Upper
276	100		
138	26.7	18.2	27.2
277	25.7	19.8	29.6

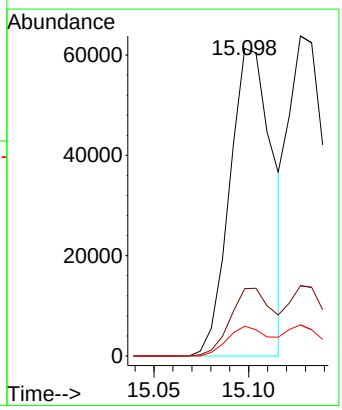


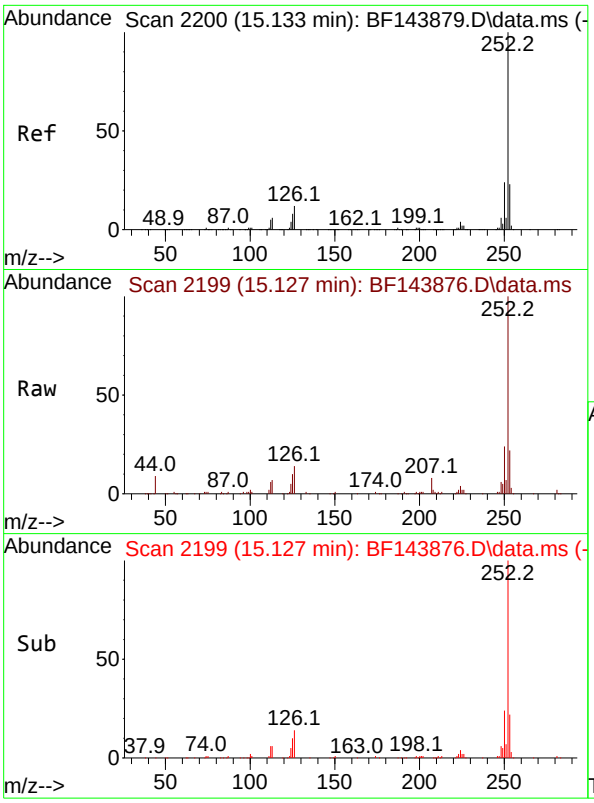


#88
Benzo(b)fluoranthene
Concen: 5.255 ng
RT: 15.098 min Scan# 2194
Delta R.T. -0.017 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:252 Resp: 95737

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	9.7	7.8	11.6



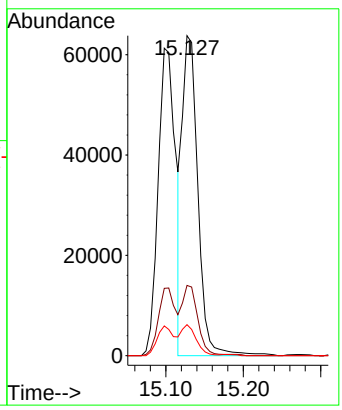


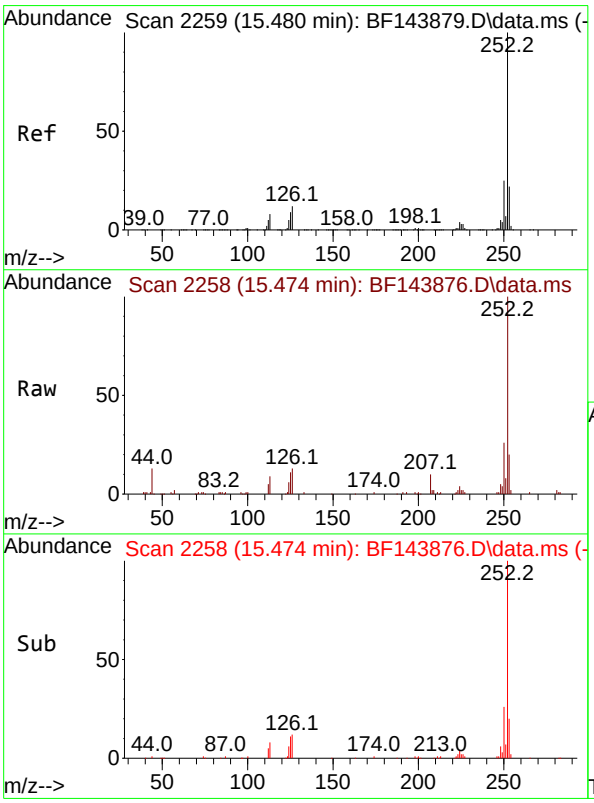
#89
Benzo(k)fluoranthene
Concen: 5.352 ng
RT: 15.127 min Scan# 21
Delta R.T. -0.017 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 90226

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	9.7	7.4	11.2

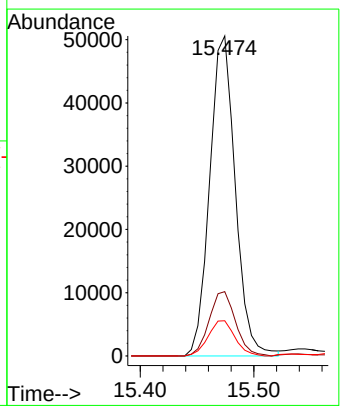


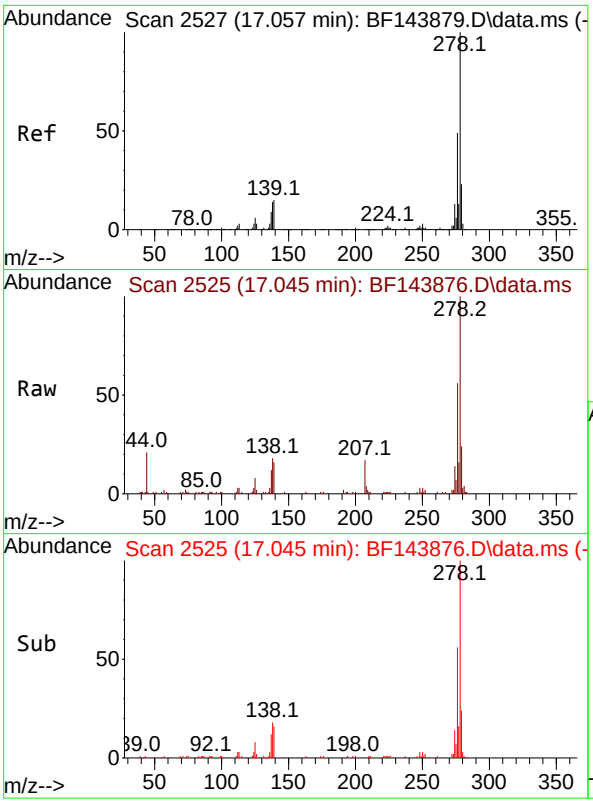


#90
Benzo(a)pyrene
Concen: 5.018 ng
RT: 15.474 min Scan# 2258
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:252 Resp: 79275

Ion	Ratio	Lower	Upper
252	100		
253	20.1	17.3	25.9
125	11.0	7.0	10.4#



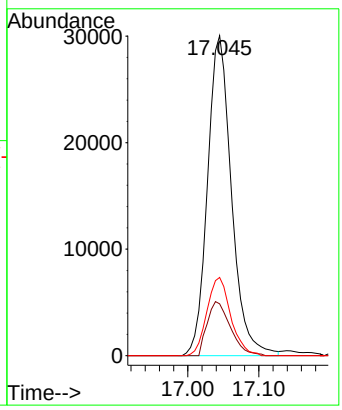


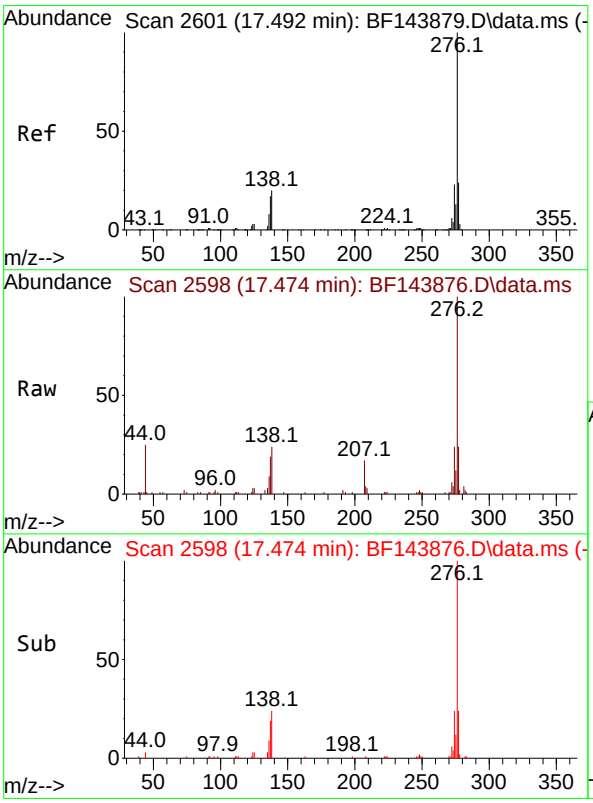
#91
Dibenzo(a,h)anthracene
Concen: 4.507 ng
RT: 17.045 min Scan# 2
Delta R.T. -0.035 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:278 Resp: 70452

Ion	Ratio	Lower	Upper
278	100		
139	16.2	11.7	17.5
279	24.4	18.4	27.6

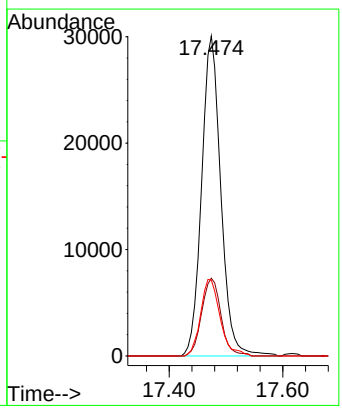




#92
Benzo(g,h,i)perylene
Concen: 4.508 ng
RT: 17.474 min Scan# 2598
Delta R.T. -0.041 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:276 Resp: 70468

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.0	28.6
138	23.7	16.1	24.1



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143877.D
Acq On : 06 Oct 2025 10:57
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Oct 06 15:38:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	126533	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	493548	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	283821	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	504357	20.000	ng	0.00
76) Chrysene-d12	14.057	240	366499	20.000	ng	-0.01
86) Perylene-d12	15.539	264	297391	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	170697	21.422	ng	-0.01
7) Phenol-d6	6.493	99	206358	21.727	ng	-0.02
23) Nitrobenzene-d5	7.440	82	164127	20.204	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	54453	19.262	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	404164	22.595	ng	-0.01
79) Terphenyl-d14	12.998	244	442968	20.657	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.622	88	37665	10.215	ng	96
3) Pyridine	3.399	79	105800	9.856	ng	99
4) n-Nitrosodimethylamine	3.322	42	49793	8.818	ng	99
6) Aniline	6.540	93	147222	10.344	ng	98
8) 2-Chlorophenol	6.663	128	77754	9.983	ng	97
9) Benzaldehyde	6.434	77	70546	9.629	ng	98
10) Phenol	6.510	94	123373	10.865	ng	93
11) bis(2-Chloroethyl)ether	6.610	93	92208	10.513	ng	98
12) 1,3-Dichlorobenzene	6.822	146	100630	10.793	ng	96
13) 1,4-Dichlorobenzene	6.898	146	101588	11.046	ng	97
14) 1,2-Dichlorobenzene	7.051	146	95345	10.824	ng	98
15) Benzyl Alcohol	7.016	79	70756	9.943	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	214183	10.728	ng	99
17) 2-Methylphenol	7.122	107	66872	10.389	ng	96
18) Hexachloroethane	7.398	117	32160	10.486	ng	95
19) n-Nitroso-di-n-propyla...	7.287	70	71731	11.034	ng	94
20) 3+4-Methylphenols	7.275	107	88634	11.881	ng	95
22) Acetophenone	7.287	105	113751	10.900	ng	96
24) Nitrobenzene	7.457	77	86228	9.558	ng	96
25) Isophorone	7.698	82	174767	10.203	ng	98
26) 2-Nitrophenol	7.781	139	32787	8.477	ng	95
27) 2,4-Dimethylphenol	7.810	122	70960	10.199	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	116898	10.804	ng	95
29) 2,4-Dichlorophenol	8.016	162	72141	9.954	ng	97
30) 1,2,4-Trichlorobenzene	8.104	180	73668	10.336	ng	98
31) Naphthalene	8.187	128	245857	10.951	ng	99
32) Benzoic acid	7.869	122	26541	5.512	ng	97
33) 4-Chloroaniline	8.234	127	91294	10.842	ng	95
34) Hexachlorobutadiene	8.304	225	52824	10.665	ng	98
35) Caprolactam	8.569	113	22813	9.900	ng	95
36) 4-Chloro-3-methylphenol	8.704	107	74546	10.708	ng	96
37) 2-Methylnaphthalene	8.875	142	168581	11.272	ng	98
38) 1-Methylnaphthalene	8.975	142	161895	11.160	ng	96
40) 1,2,4,5-Tetrachloroben...	9.039	216	83972	10.705	ng	97
41) Hexachlorocyclopentadiene	9.034	237	25812	7.932	ng	95
43) 2,4,6-Trichlorophenol	9.151	196	55929	9.758	ng	93

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143877.D
Acq On : 06 Oct 2025 10:57
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Oct 06 15:38:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	63036	10.407	ng		98
46) 1,1'-Biphenyl	9.339	154	209528	11.150	ng		99
47) 2-Chloronaphthalene	9.363	162	169672	10.829	ng		96
48) 2-Nitroaniline	9.457	65	45663	9.219	ng		96
49) Acenaphthylene	9.781	152	241454	10.962	ng		98
50) Dimethylphthalate	9.633	163	191729	10.638	ng		99
51) 2,6-Dinitrotoluene	9.698	165	28928	8.655	ng		95
52) Acenaphthene	9.957	154	158214	10.962	ng		99
53) 3-Nitroaniline	9.869	138	38386	9.380	ng		99
54) 2,4-Dinitrophenol	9.975	184	8624	10.761	ng	#	60
55) Dibenzofuran	10.128	168	228160	11.199	ng		97
56) 4-Nitrophenol	10.016	139	24585	7.934	ng		89
57) 2,4-Dinitrotoluene	10.098	165	40299	8.862	ng		95
58) Fluorene	10.469	166	179607	11.683	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	43052	10.041	ng	#	95
60) Diethylphthalate	10.339	149	181846	10.860	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	94000	11.565	ng		98
62) 4-Nitroaniline	10.475	138	36684	9.322	ng		95
63) Azobenzene	10.622	77	188888	10.794	ng		98
65) 4,6-Dinitro-2-methylph...	10.510	198	16274	6.421	ng		96
66) n-Nitrosodiphenylamine	10.580	169	172118	10.869	ng		97
67) 4-Bromophenyl-phenylether	10.957	248	58980	10.581	ng		96
68) Hexachlorobenzene	11.022	284	67494	10.459	ng		98
69) Atrazine	11.104	200	52016	10.837	ng		98
70) Pentachlorophenol	11.216	266	29608	7.989	ng		96
71) Phenanthrene	11.433	178	275484	11.267	ng		99
72) Anthracene	11.486	178	276694	11.201	ng		99
73) Carbazole	11.639	167	242534	11.086	ng		99
74) Di-n-butylphthalate	11.975	149	275838	10.879	ng		99
75) Fluoranthene	12.627	202	290713	11.510	ng		99
77) Benzidine	12.751	184	128424	10.092	ng		98
78) Pyrene	12.857	202	304789	9.975	ng		99
80) Butylbenzylphthalate	13.480	149	92241	9.296	ng		97
81) Benzo(a)anthracene	14.051	228	246871	10.293	ng		100
82) 3,3'-Dichlorobenzidine	14.010	252	66722	9.129	ng	#	99
83) Chrysene	14.086	228	217741	9.809	ng		99
84) Bis(2-ethylhexyl)phtha...	14.039	149	113431	9.483	ng		97
85) Di-n-octyl phthalate	14.657	149	153434	7.810	ng		97
87) Indeno(1,2,3-cd)pyrene	17.027	276	164200	9.011	ng		96
88) Benzo(b)fluoranthene	15.104	252	169146	9.901	ng		99
89) Benzo(k)fluoranthene	15.133	252	174390	11.032	ng		98
90) Benzo(a)pyrene	15.474	252	149543	10.096	ng		100
91) Dibenzo(a,h)anthracene	17.045	278	135992	9.279	ng		97
92) Benzo(g,h,i)perylene	17.474	276	132076	9.012	ng		98

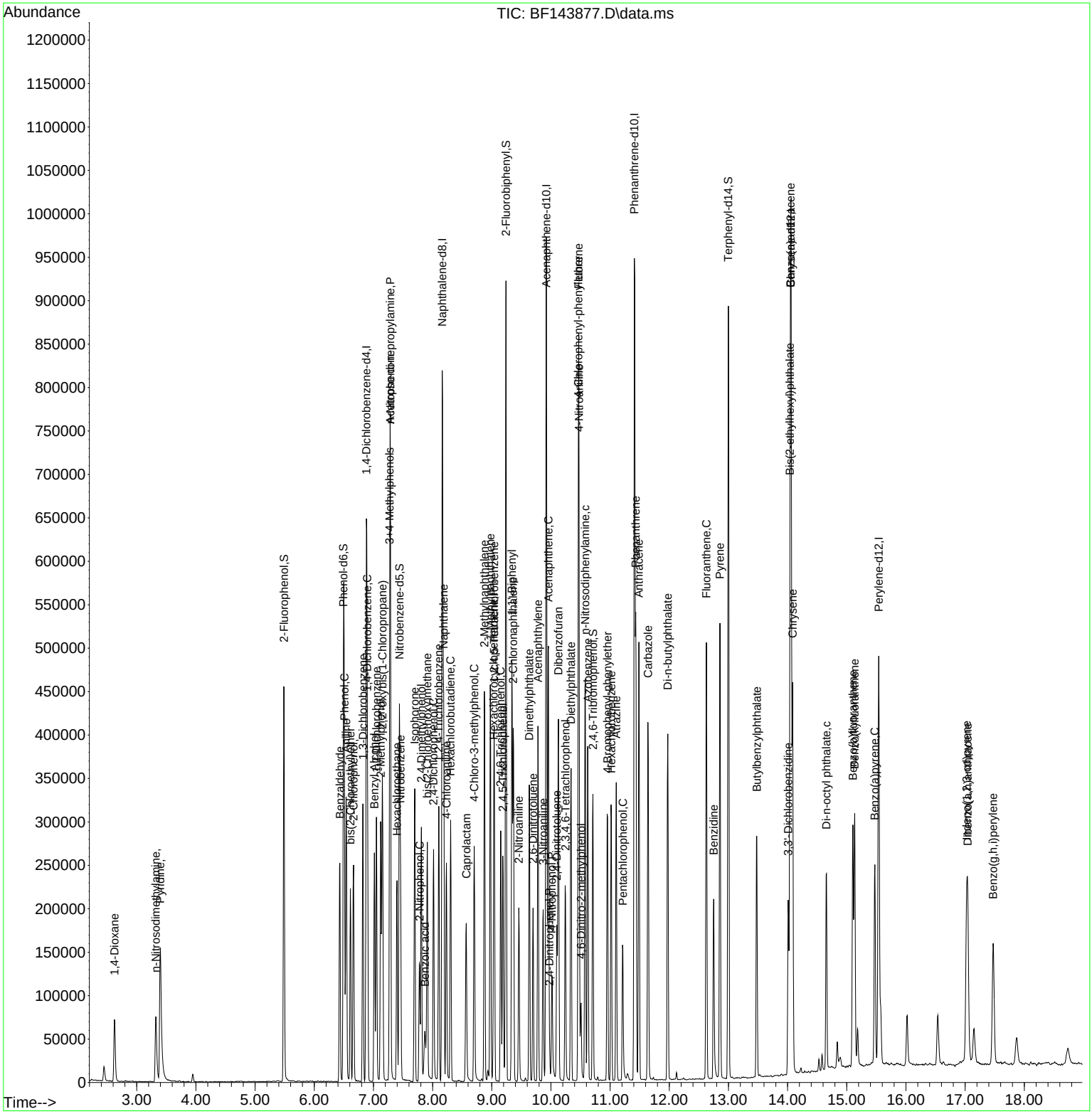
(#) = qualifier out of range (m) = manual integration (+) = signals summed

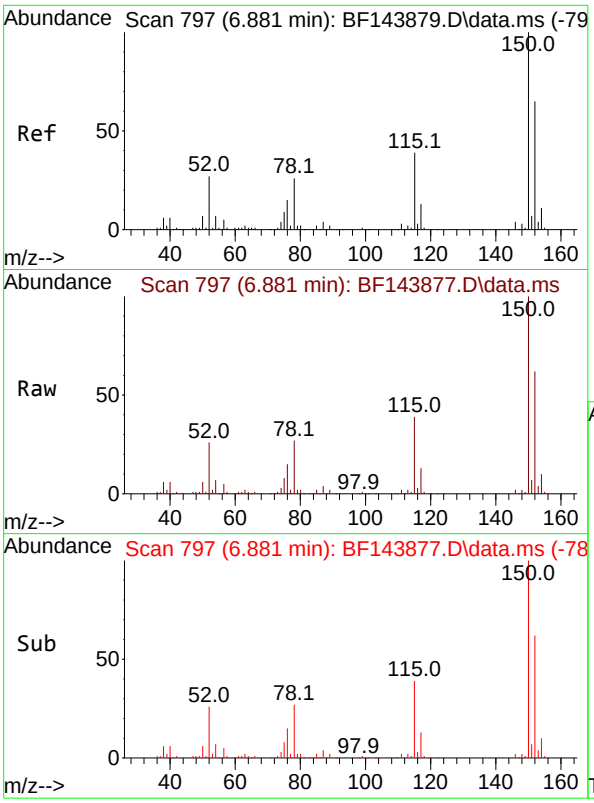
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143877.D
Acq On : 06 Oct 2025 10:57
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Oct 06 15:38:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration



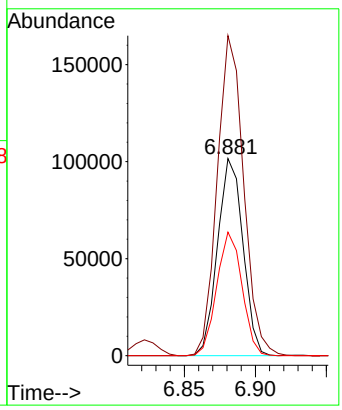


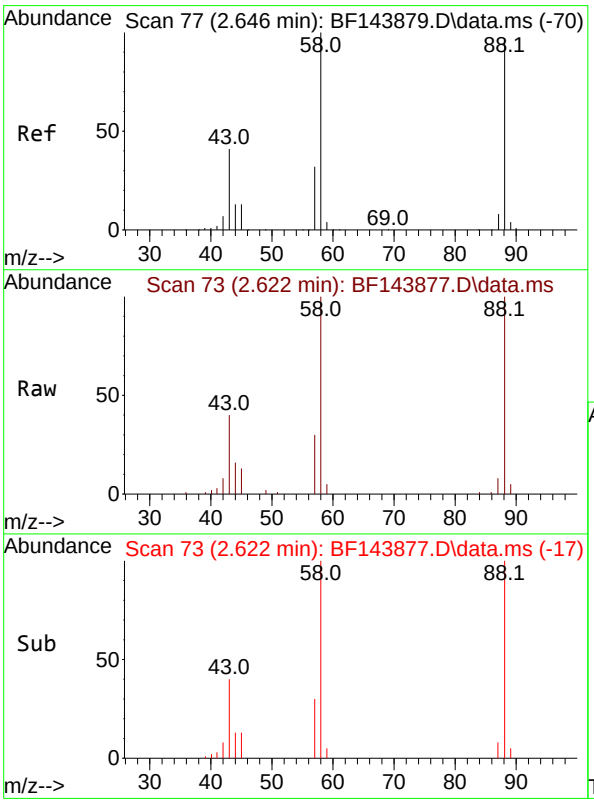
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 7
Delta R.T. -0.005 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 126533

Ion	Ratio	Lower	Upper
152	100		
150	162.3	124.4	186.6
115	62.7	48.1	72.1

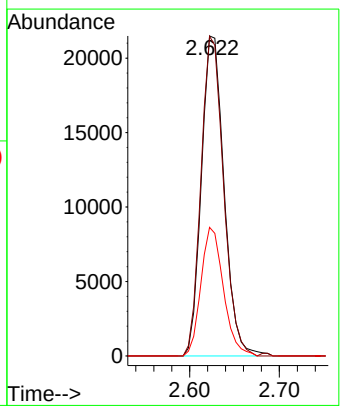


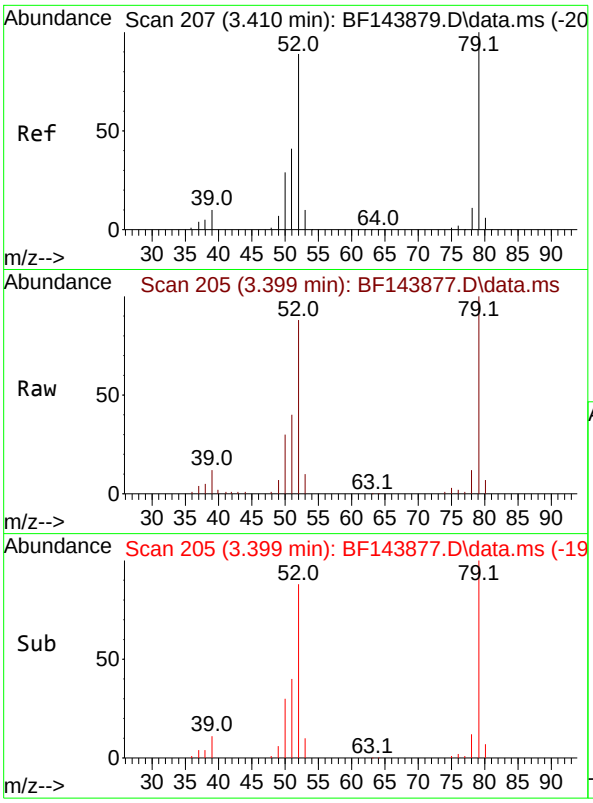


#2
1,4-Dioxane
Concen: 10.215 ng
RT: 2.622 min Scan# 73
Delta R.T. -0.023 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion: 88 Resp: 37665

Ion	Ratio	Lower	Upper
88	100		
58	99.3	83.0	124.6
43	39.9	33.9	50.9



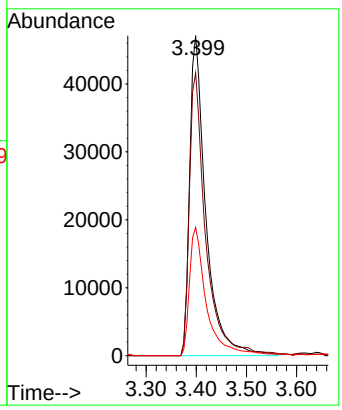


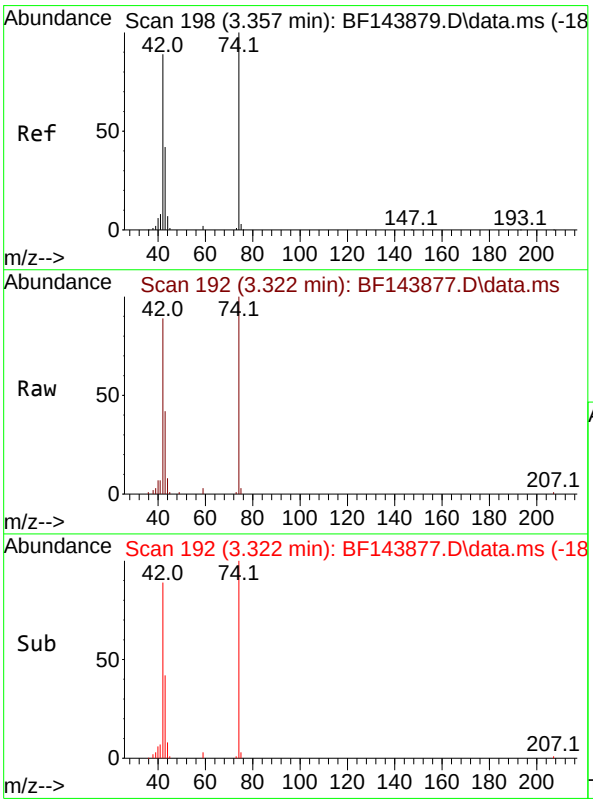
#3
Pyridine
Concen: 9.856 ng
RT: 3.399 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 105800

Ion	Ratio	Lower	Upper
79	100		
52	88.4	71.5	107.3
51	40.1	32.9	49.3

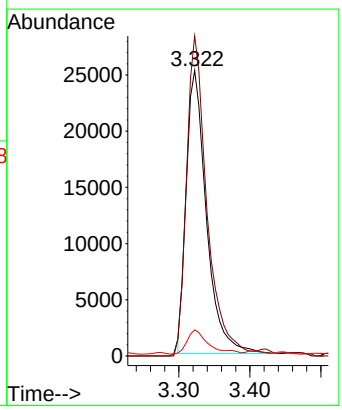


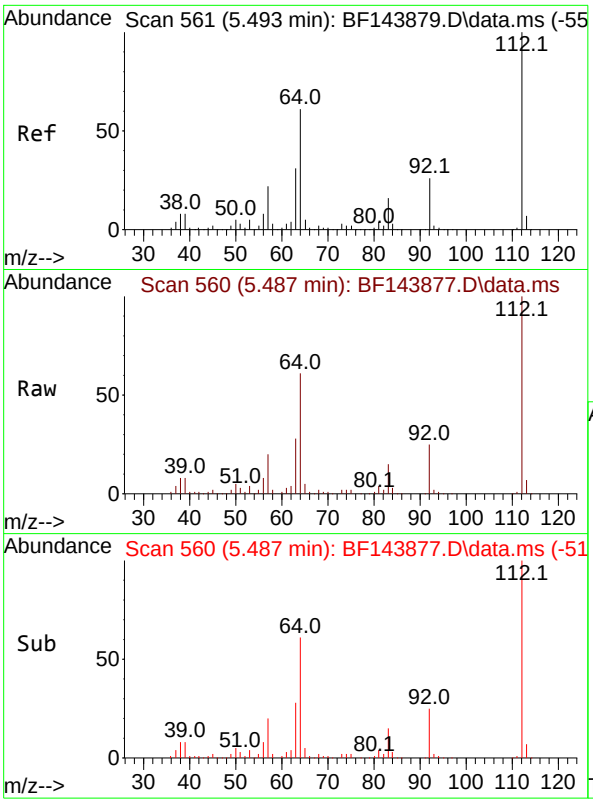


#4
n-Nitrosodimethylamine
Concen: 8.818 ng
RT: 3.322 min Scan# 192
Delta R.T. -0.065 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion: 42 Resp: 49793

Ion	Ratio	Lower	Upper
42	100		
74	112.1	90.0	135.0
44	9.1	6.2	9.2



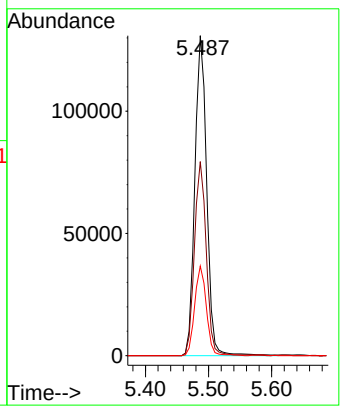


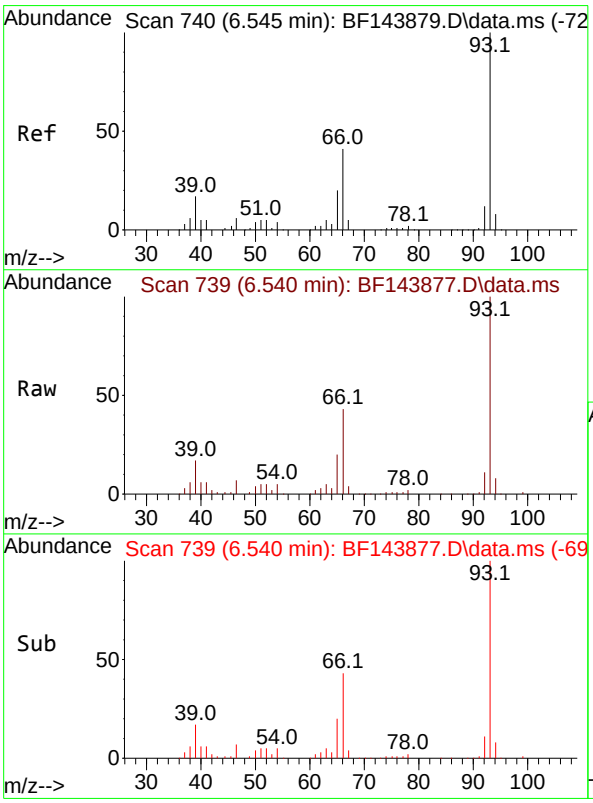
#5
2-Fluorophenol
Concen: 21.422 ng
RT: 5.487 min Scan# 5
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:112 Resp: 170697

Ion	Ratio	Lower	Upper
112	100		
64	60.6	49.1	73.7
63	28.0	24.5	36.7

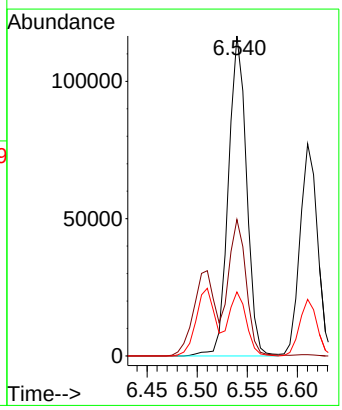


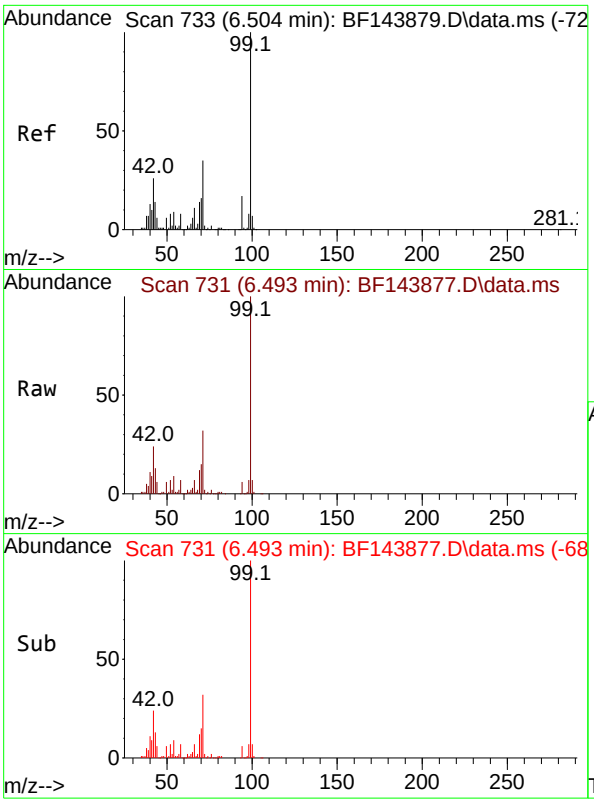


#6
Aniline
Concen: 10.344 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion: 93 Resp: 147222

Ion	Ratio	Lower	Upper
93	100		
66	42.7	33.0	49.6
65	20.0	15.8	23.8



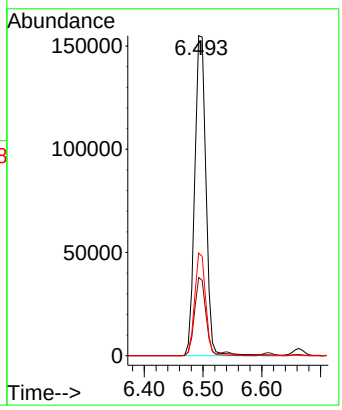


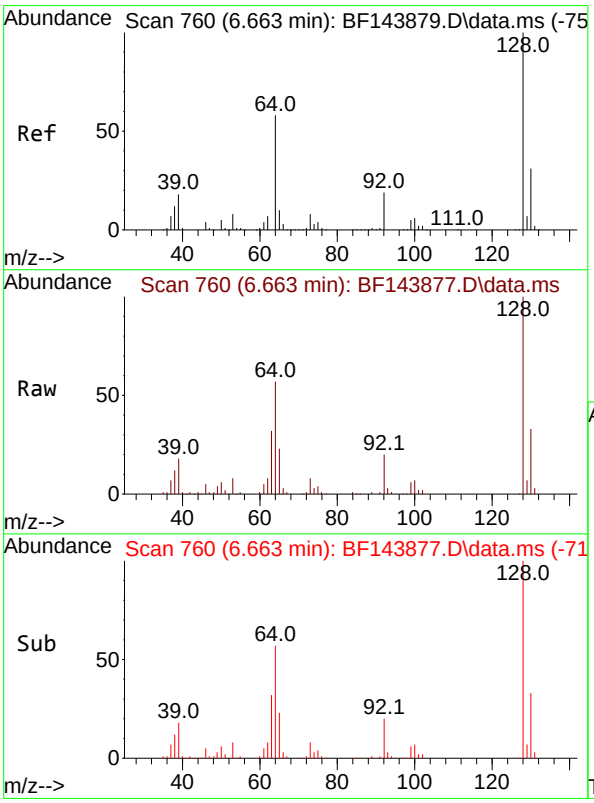
#7
Phenol-d6
Concen: 21.727 ng
RT: 6.493 min Scan# 7
Delta R.T. -0.023 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 206358

Ion	Ratio	Lower	Upper
99	100		
42	24.4	21.0	31.4
71	32.0	27.8	41.8

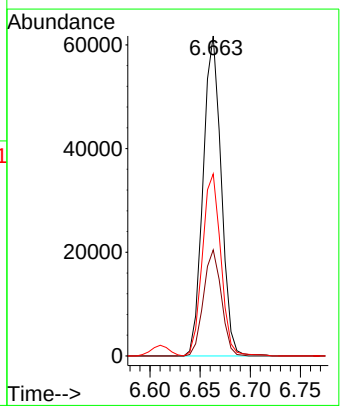


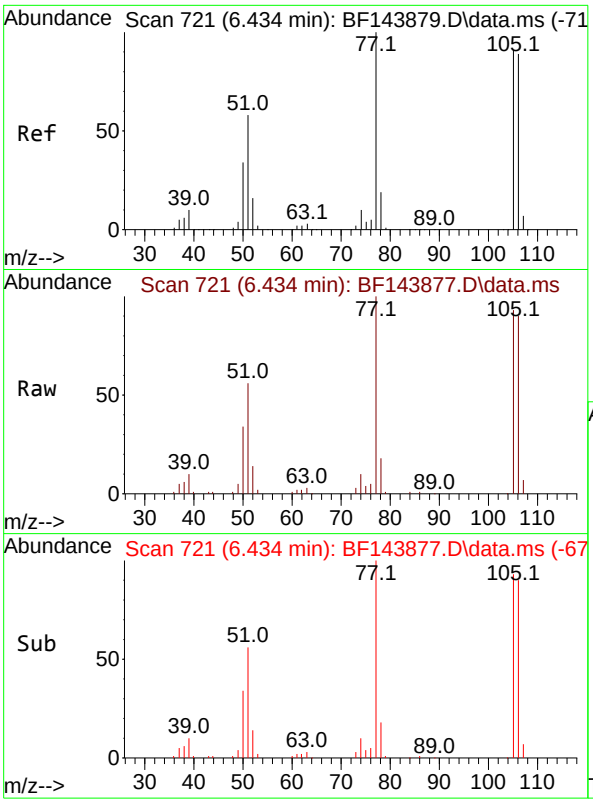


#8
2-Chlorophenol
Concen: 9.983 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:128 Resp: 77754

Ion	Ratio	Lower	Upper
128	100		
130	33.2	10.7	50.7
64	56.9	39.0	79.0



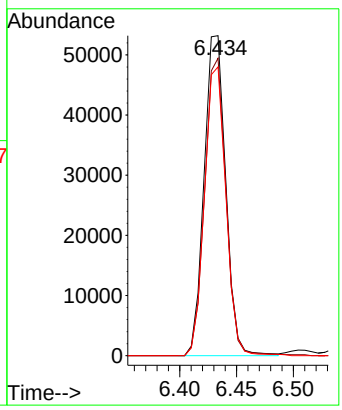


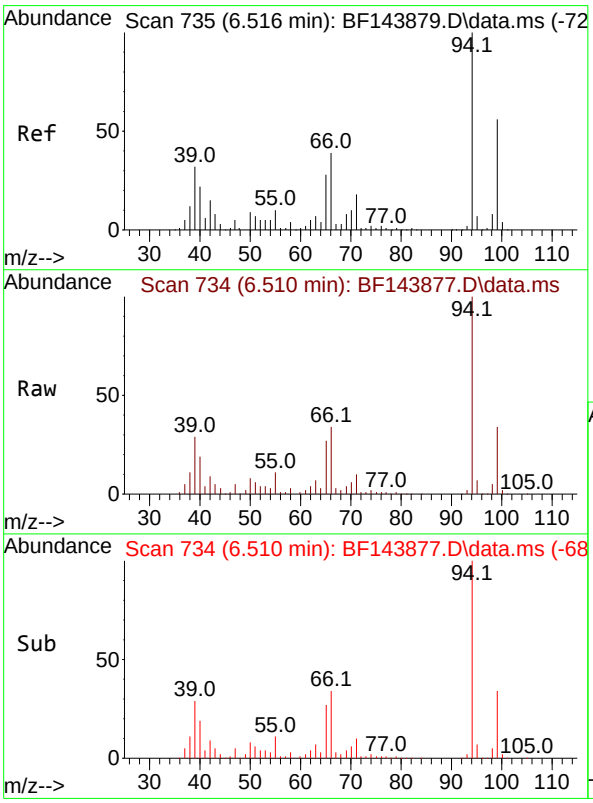
#9
Benzaldehyde
Concen: 9.629 ng
RT: 6.434 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 70546

Ion	Ratio	Lower	Upper
77	100		
105	92.9	70.9	110.9
106	90.3	68.9	108.9

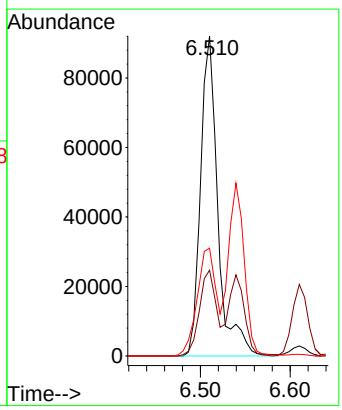


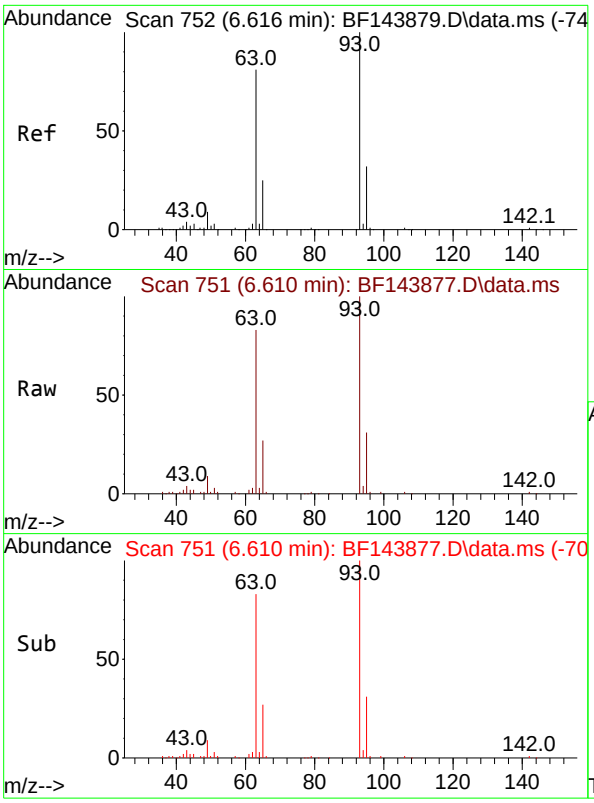


#10
Phenol
Concen: 10.865 ng
RT: 6.510 min Scan# 734
Delta R.T. -0.023 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion: 94 Resp: 123373

Ion	Ratio	Lower	Upper
94	100		
65	26.8	8.5	48.5
66	33.7	19.9	59.9



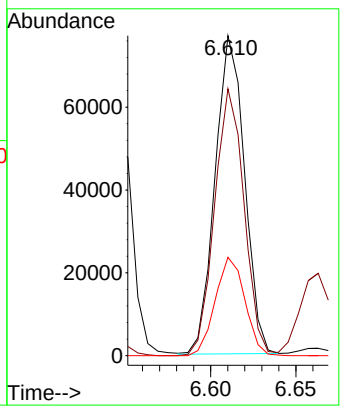


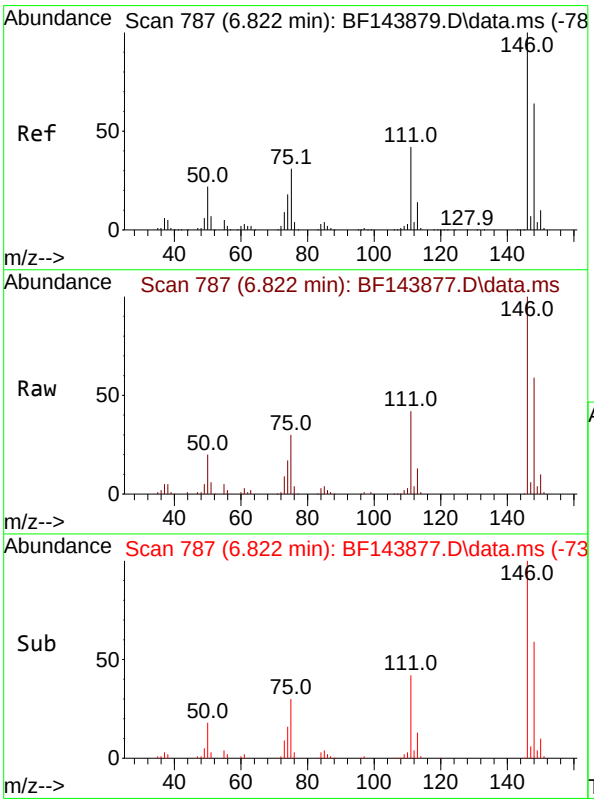
#11
bis(2-Chloroethyl)ether
Concen: 10.513 ng
RT: 6.610 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 93 Resp: 92208

Ion	Ratio	Lower	Upper
93	100		
63	83.4	60.9	100.9
95	30.7	11.5	51.5

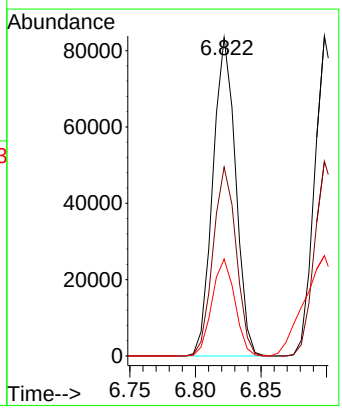


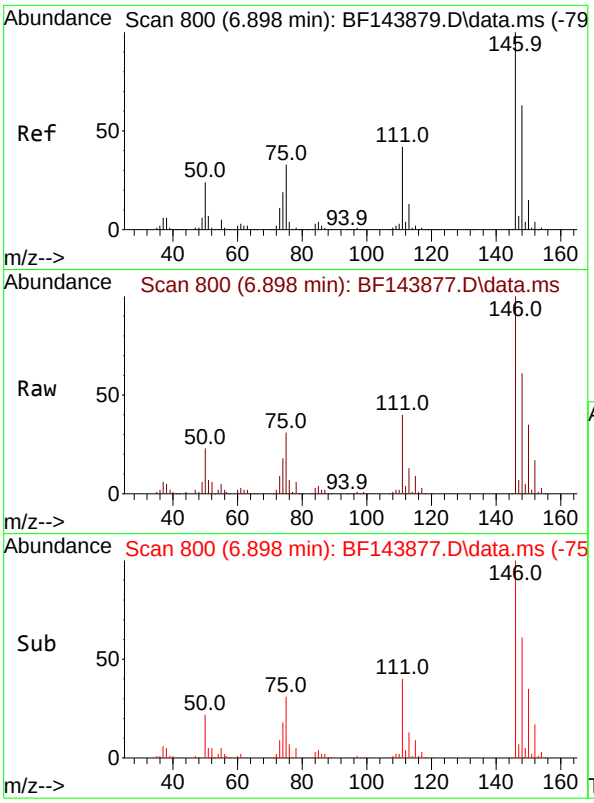


#12
1,3-Dichlorobenzene
Concen: 10.793 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:146 Resp: 100630

Ion	Ratio	Lower	Upper
146	100		
148	59.3	51.0	76.4
75	30.4	24.9	37.3



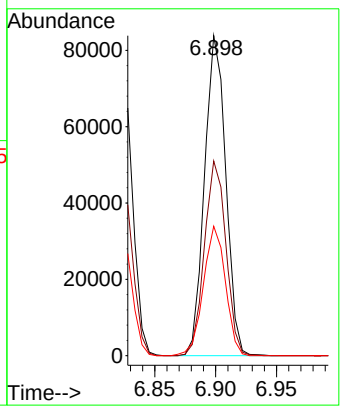


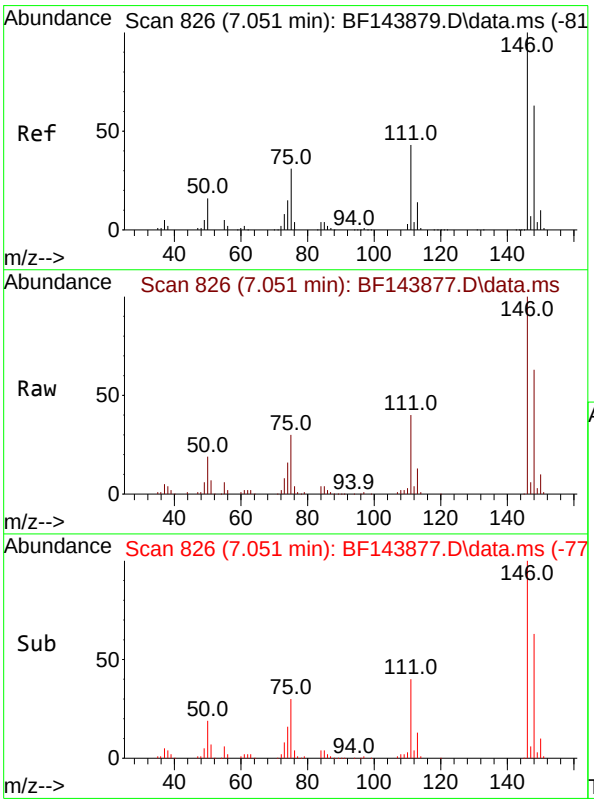
#13
1,4-Dichlorobenzene
Concen: 11.046 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:146 Resp: 101588

Ion	Ratio	Lower	Upper
146	100		
148	60.9	50.5	75.7
111	40.4	33.4	50.0

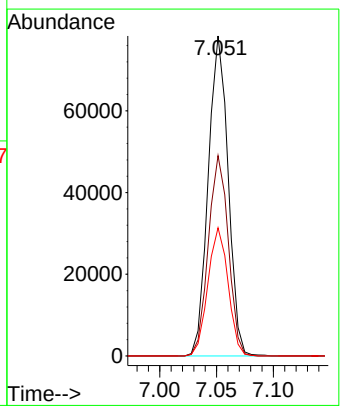


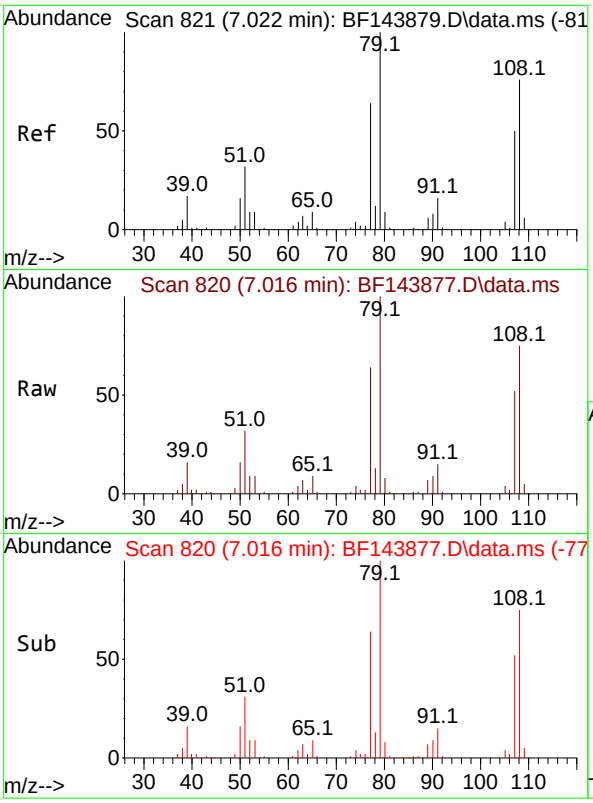


#14
1,2-Dichlorobenzene
Concen: 10.824 ng
RT: 7.051 min Scan# 826
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:146 Resp: 95345

Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.6	75.8
111	40.0	34.6	51.8



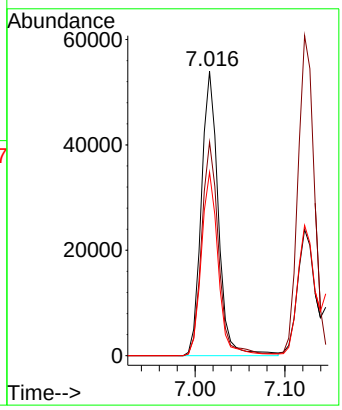


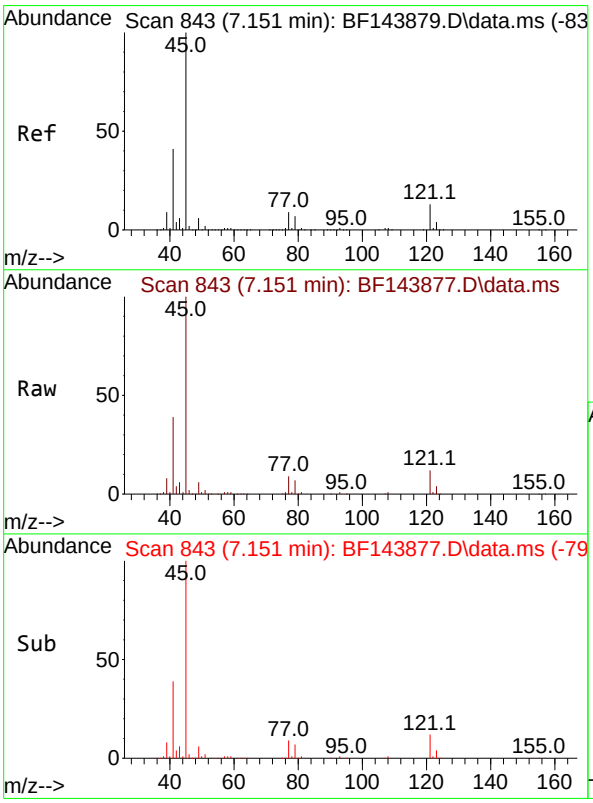
#15
Benzyl Alcohol
Concen: 9.943 ng
RT: 7.016 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 70756

Ion	Ratio	Lower	Upper
79	100		
108	75.1	60.8	91.2
77	64.5	51.0	76.6

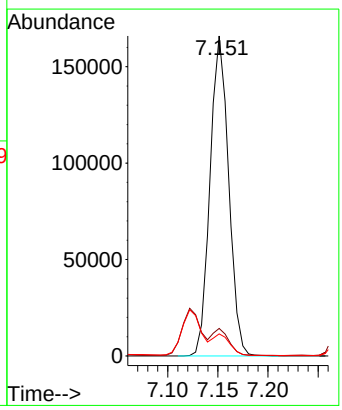


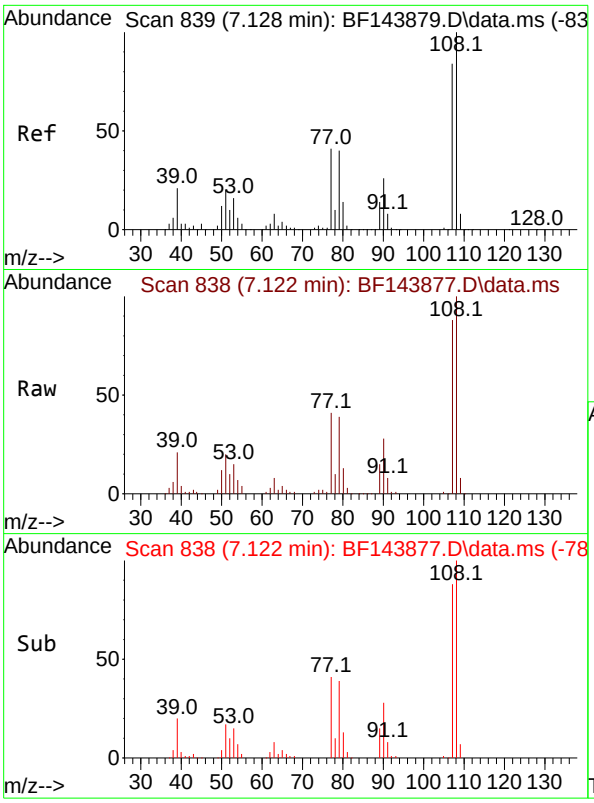


#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.728 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion: 45 Resp: 214183

Ion	Ratio	Lower	Upper
45	100		
77	8.6	0.0	29.0
79	6.9	0.0	26.8



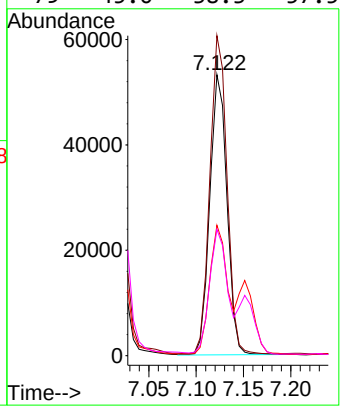


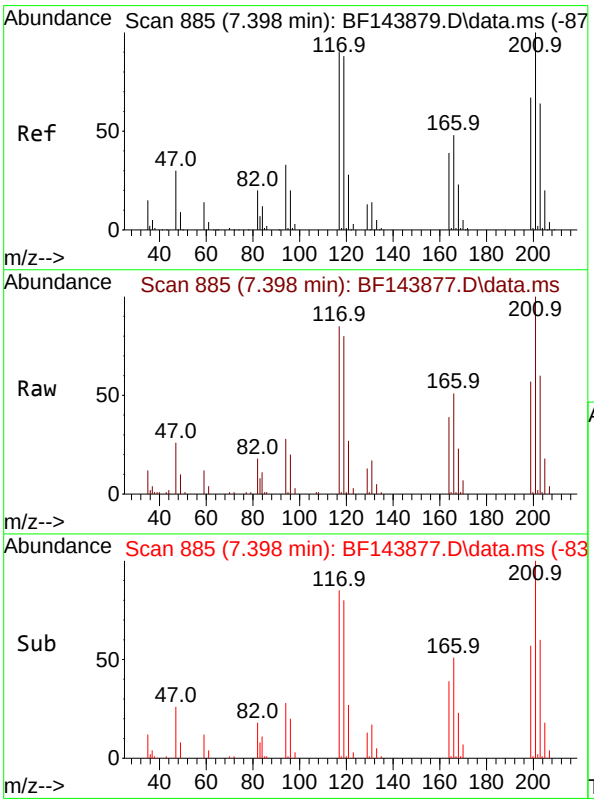
#17
2-Methylphenol
Concen: 10.389 ng
RT: 7.122 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:107 Resp: 66872

Ion	Ratio	Lower	Upper
107	100		
108	113.9	94.7	142.1
77	46.4	38.8	58.2
79	45.0	38.3	57.5

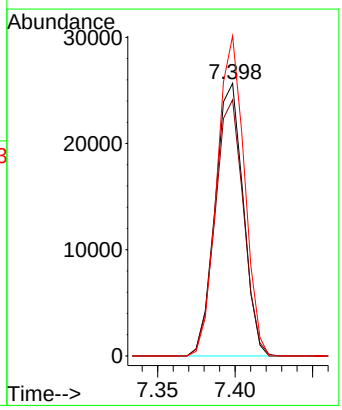


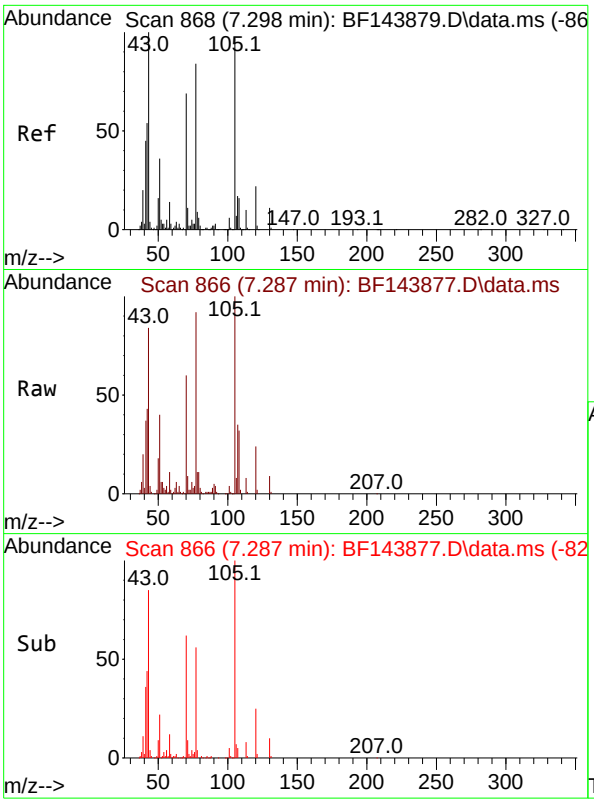


#18
Hexachloroethane
Concen: 10.486 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:117 Resp: 32160

Ion	Ratio	Lower	Upper
117	100		
119	94.0	77.8	116.8
201	117.4	88.5	132.7



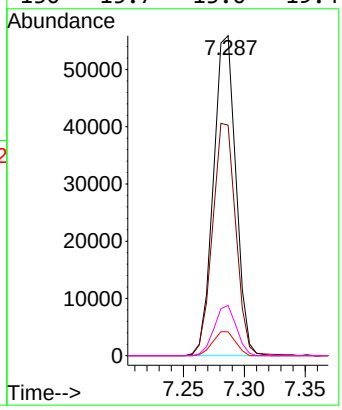


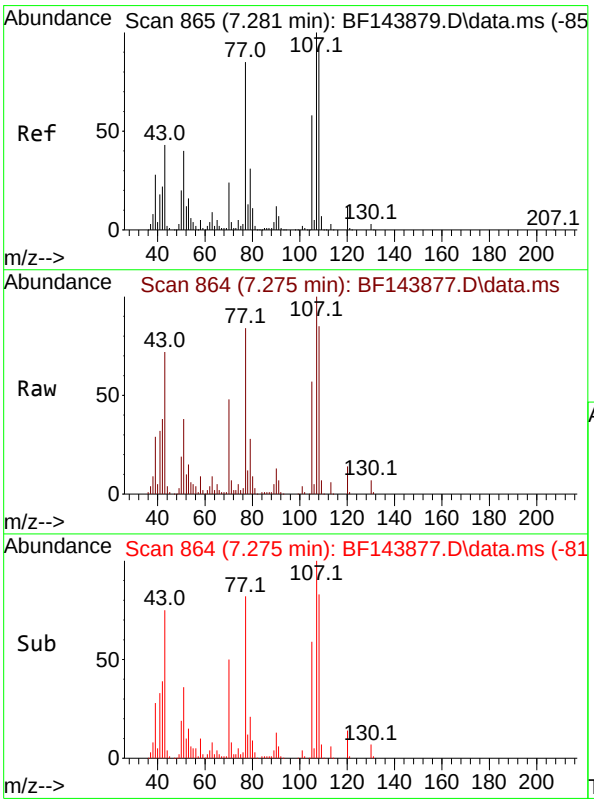
#19
n-Nitroso-di-n-propylamine
Concen: 11.034 ng
RT: 7.287 min Scan# 8
Delta R.T. -0.029 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 70 Resp: 71731

Ion	Ratio	Lower	Upper
70	100		
42	72.0	62.8	94.2
101	7.5	6.7	10.1
130	15.7	13.0	19.4

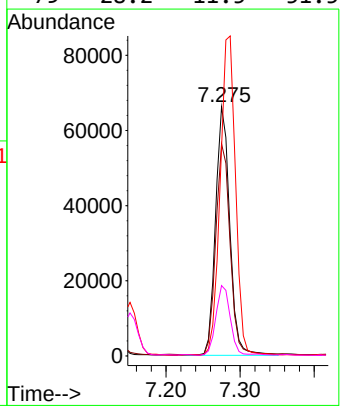


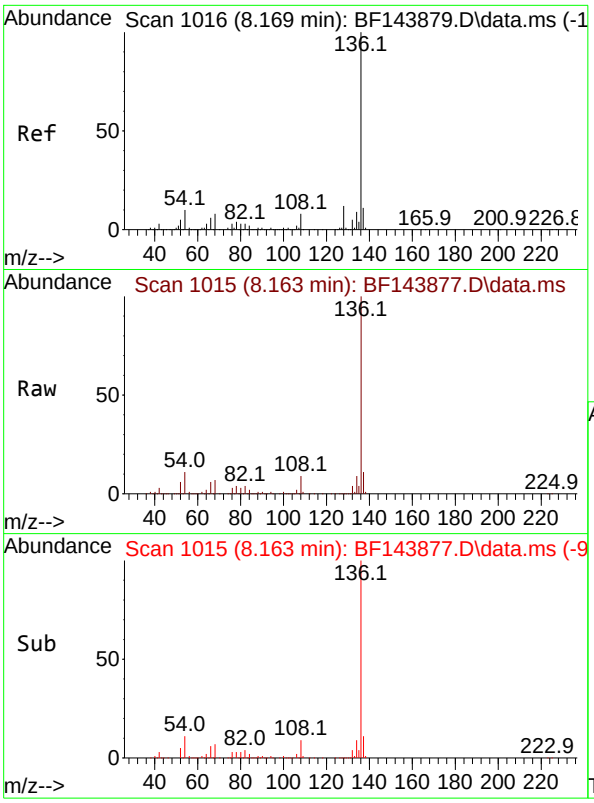


#20
3+4-Methylphenols
Concen: 11.881 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.023 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:107 Resp: 88634

Ion	Ratio	Lower	Upper
107	100		
108	85.2	73.0	113.0
77	83.5	64.6	104.6
79	28.2	11.5	51.5



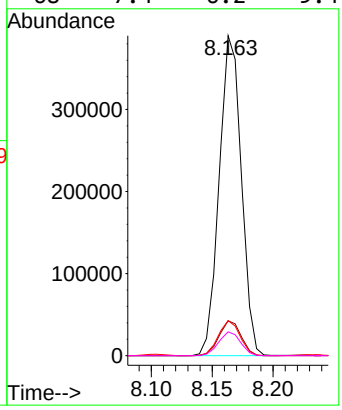


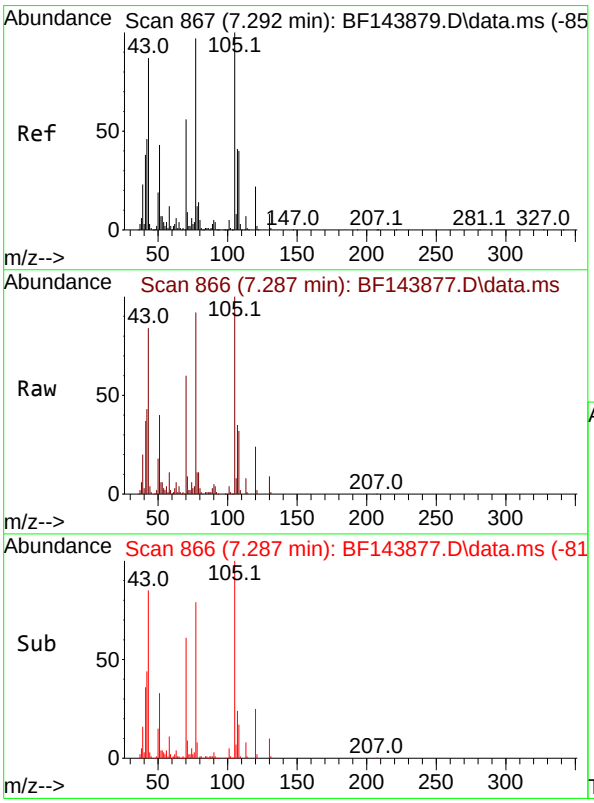
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:136 Resp: 493548

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	11.0	8.2	12.4
68	7.4	6.2	9.4

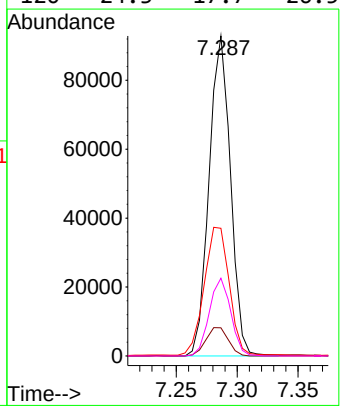


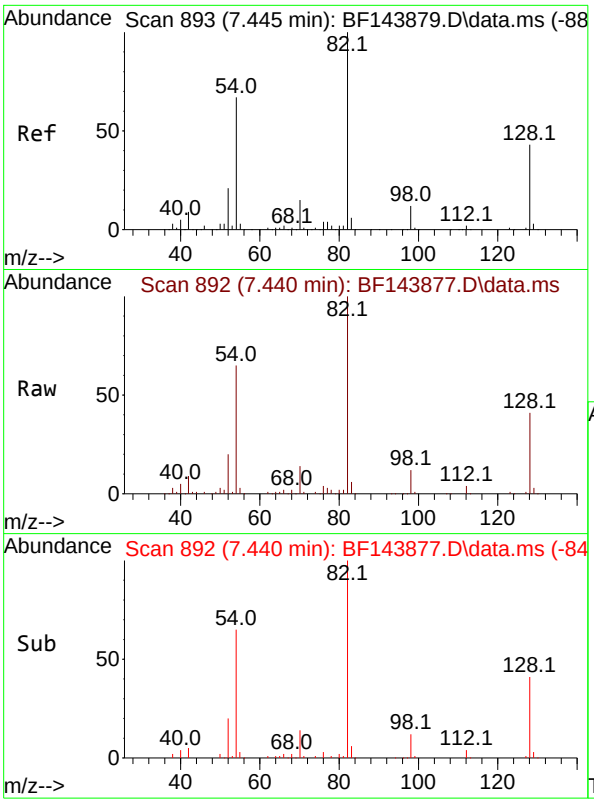


#22
Acetophenone
Concen: 10.900 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.018 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:105 Resp: 113751

Ion	Ratio	Lower	Upper
105	100		
71	8.8	7.4	11.0
51	39.9	34.2	51.4
120	24.3	17.7	26.5



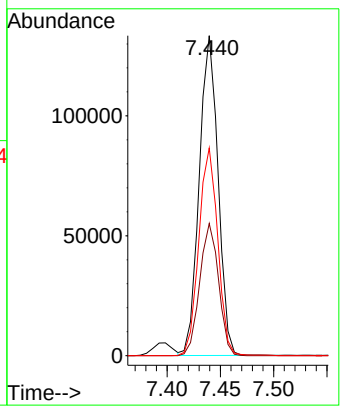


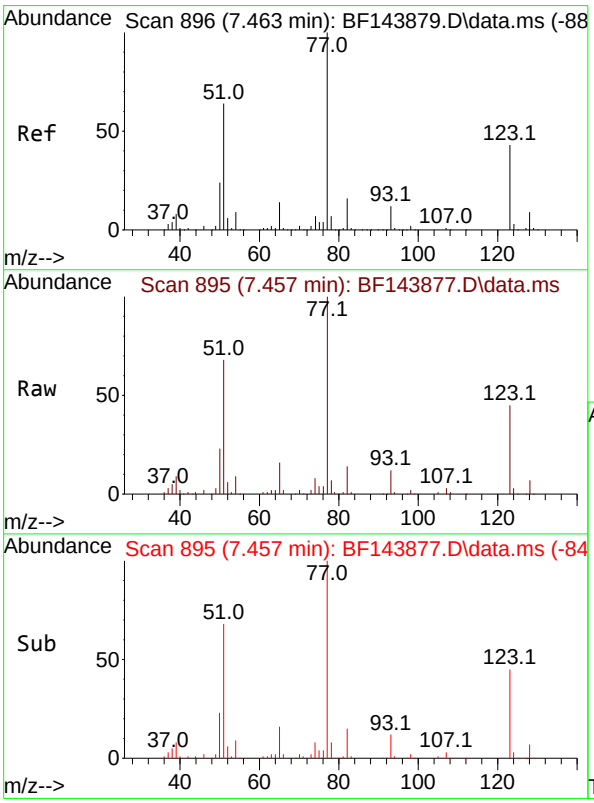
#23
Nitrobenzene-d5
Concen: 20.204 ng
RT: 7.440 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 164127

Ion	Ratio	Lower	Upper
82	100		
128	41.3	34.0	51.0
54	64.9	53.2	79.8

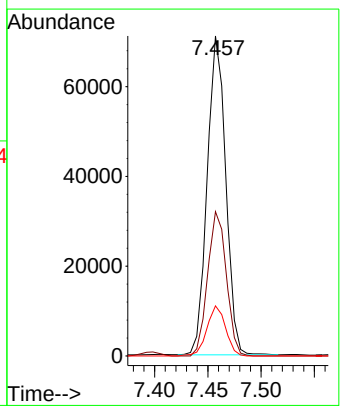


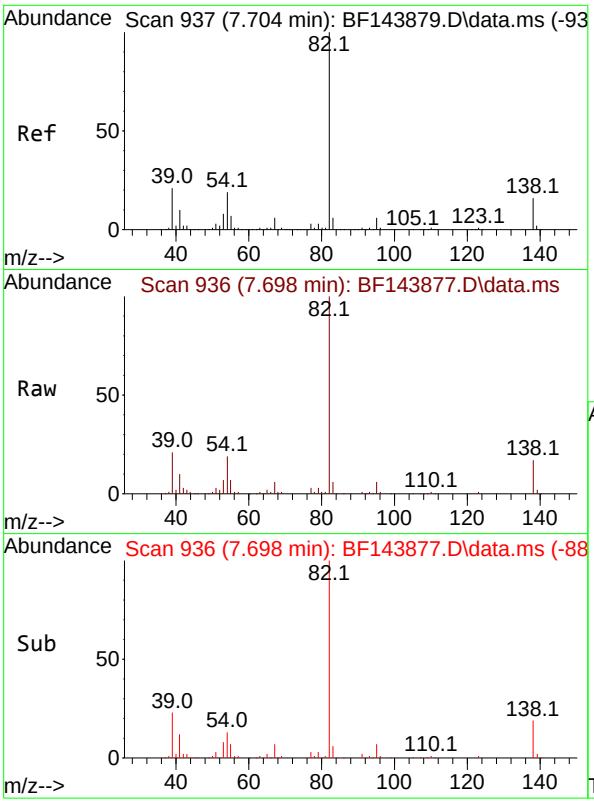


#24
Nitrobenzene
Concen: 9.558 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.018 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion: 77 Resp: 86228

Ion	Ratio	Lower	Upper
77	100		
123	45.1	34.2	51.4
65	15.7	11.0	16.6



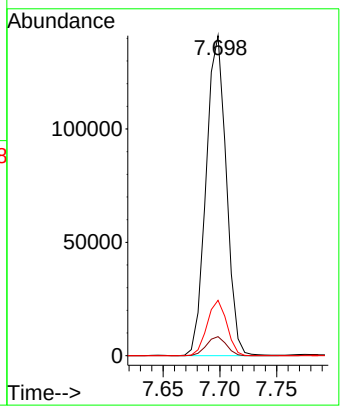


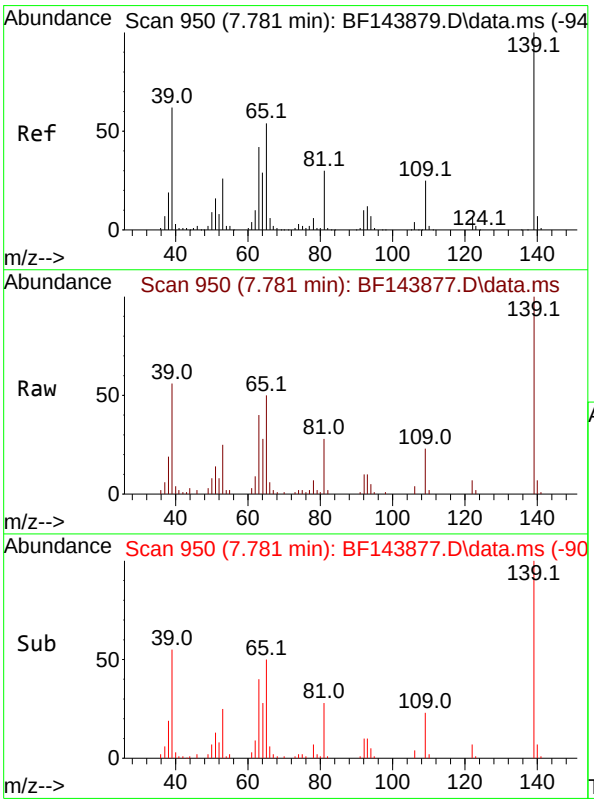
#25
Isophorone
Concen: 10.203 ng
RT: 7.698 min Scan# 9
Delta R.T. -0.023 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 174767

Ion	Ratio	Lower	Upper
82	100		
95	6.0	5.1	7.7
138	17.3	12.9	19.3

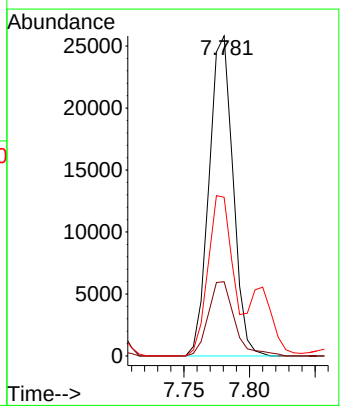


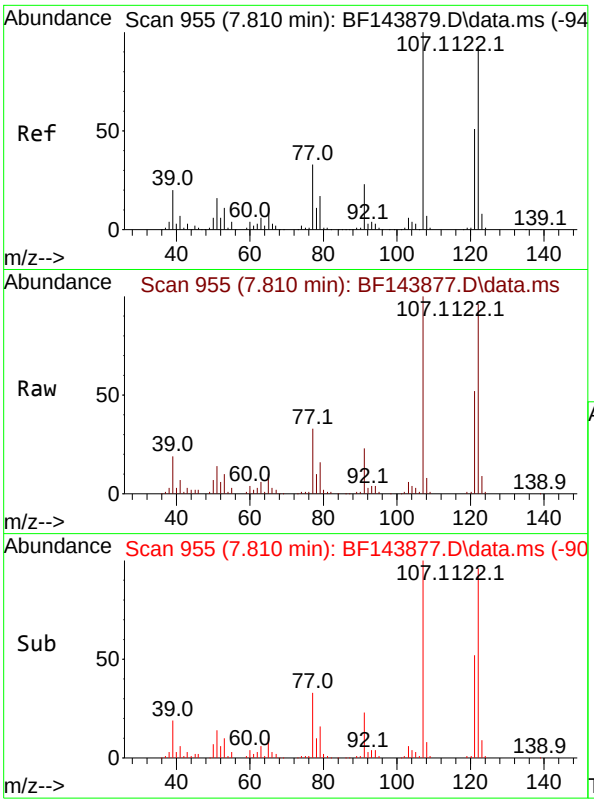


#26
2-Nitrophenol
Concen: 8.477 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:139 Resp: 32787

Ion	Ratio	Lower	Upper
139	100		
109	23.2	19.8	29.6
65	49.6	42.9	64.3



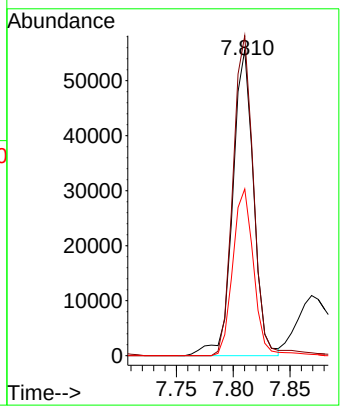


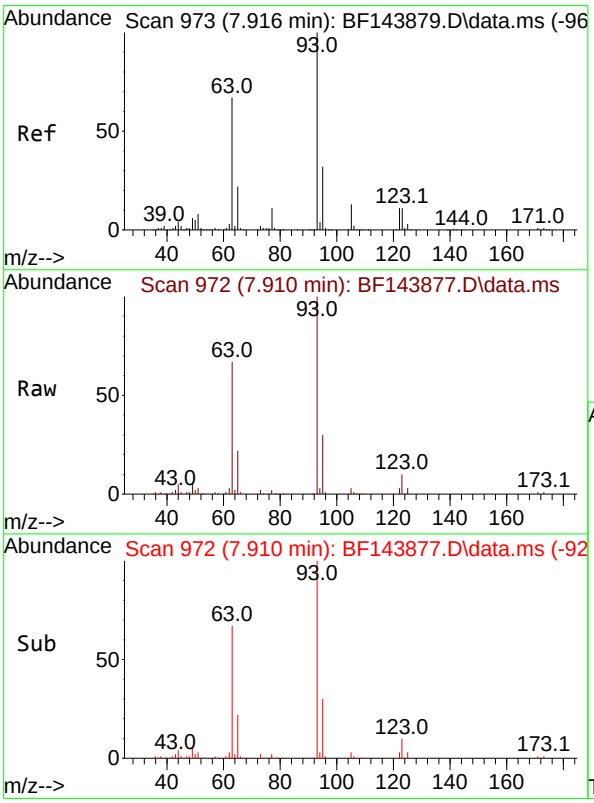
#27
2,4-Dimethylphenol
Concen: 10.199 ng
RT: 7.810 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:122 Resp: 70960

Ion	Ratio	Lower	Upper
122	100		
107	104.7	86.1	129.1
121	54.5	43.8	65.6

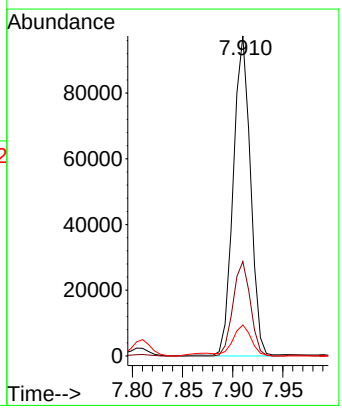


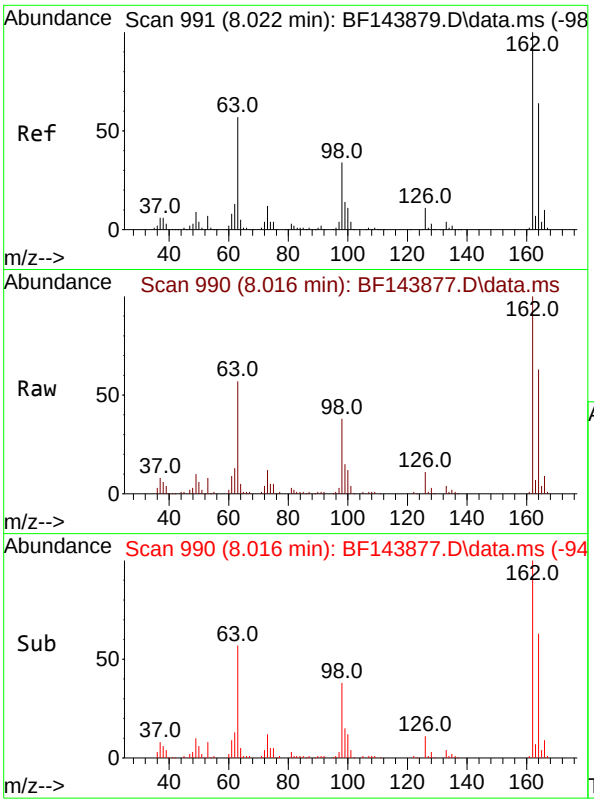


#28
bis(2-Chloroethoxy)methane
Concen: 10.804 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion: 93 Resp: 116898

Ion	Ratio	Lower	Upper
93	100		
95	29.5	25.9	38.9
123	9.7	9.4	14.0



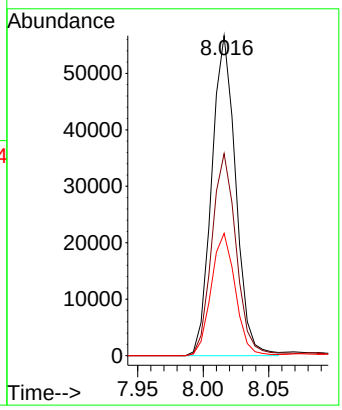


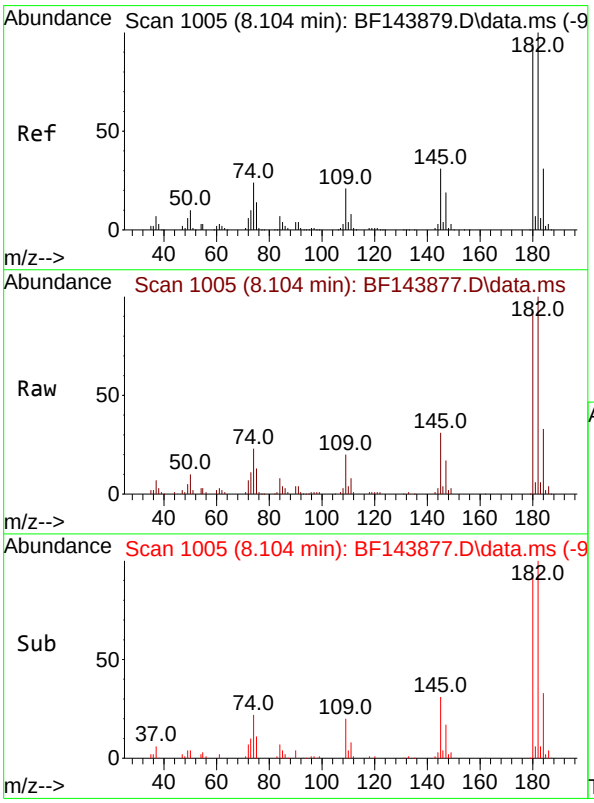
#29
2,4-Dichlorophenol
Concen: 9.954 ng
RT: 8.016 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 72141

Ion	Ratio	Lower	Upper
162	100		
164	63.1	43.9	83.9
98	38.2	14.4	54.4

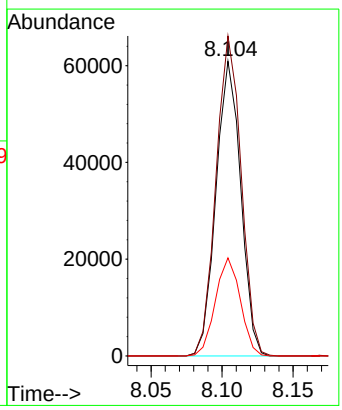


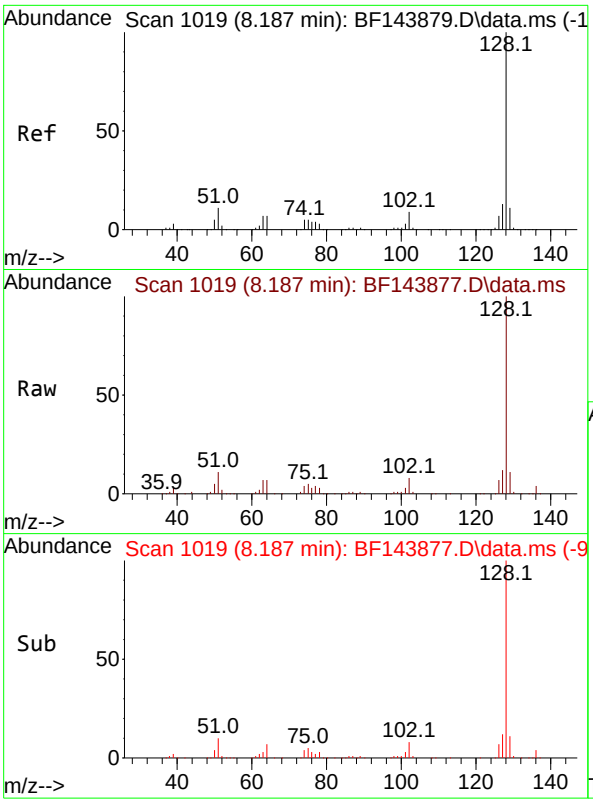


#30
1,2,4-Trichlorobenzene
Concen: 10.336 ng
RT: 8.104 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:180 Resp: 73668

Ion	Ratio	Lower	Upper
180	100		
182	108.6	85.4	128.0
145	33.3	26.3	39.5



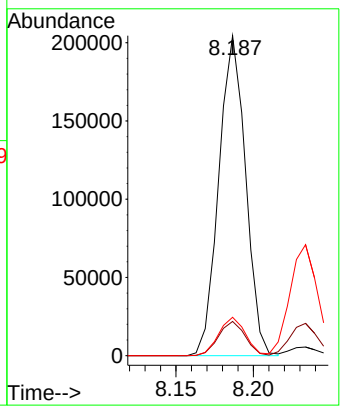


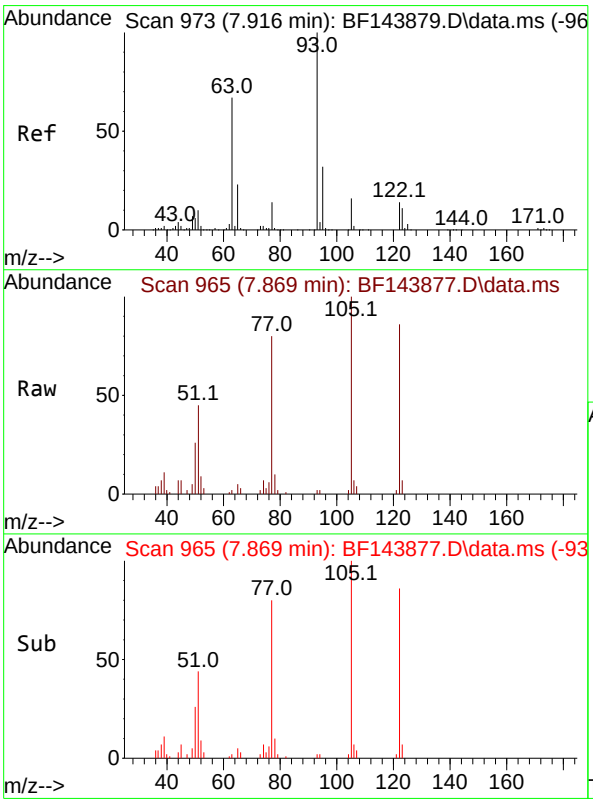
#31
Naphthalene
Concen: 10.951 ng
RT: 8.187 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:128 Resp: 245857

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.7	13.1
127	12.0	10.0	15.0

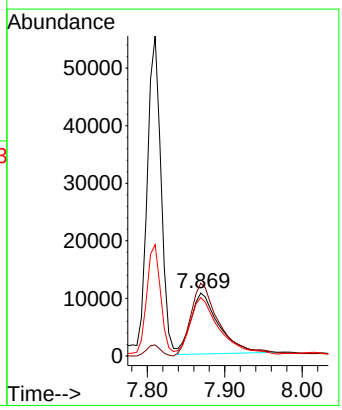


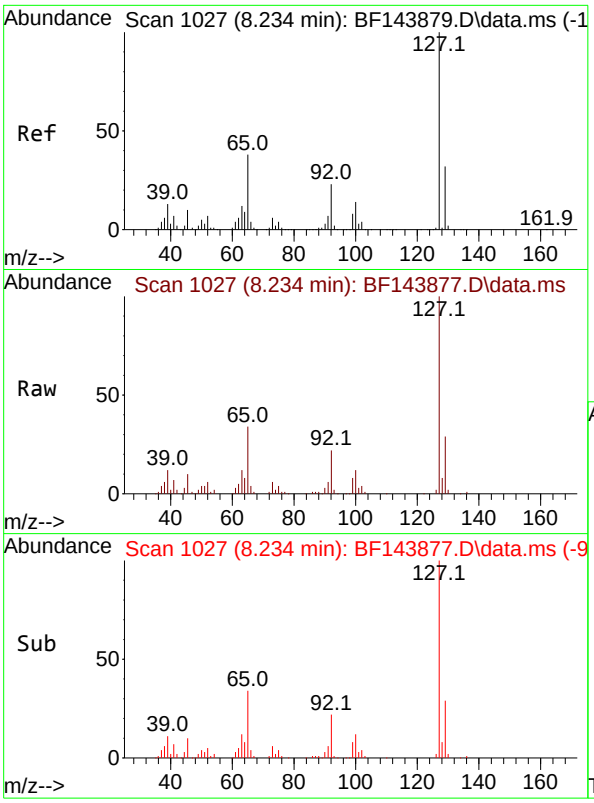


#32
Benzoic acid
Concen: 5.512 ng
RT: 7.869 min Scan# 965
Delta R.T. -0.094 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:122 Resp: 26541

Ion	Ratio	Lower	Upper
122	100		
105	115.7	93.5	133.5
77	92.9	76.3	116.3



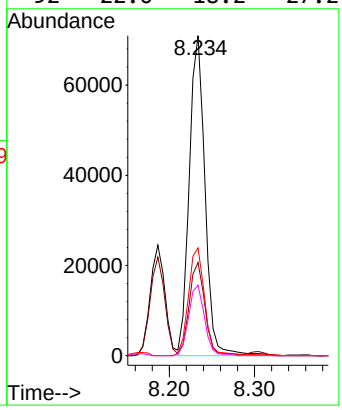


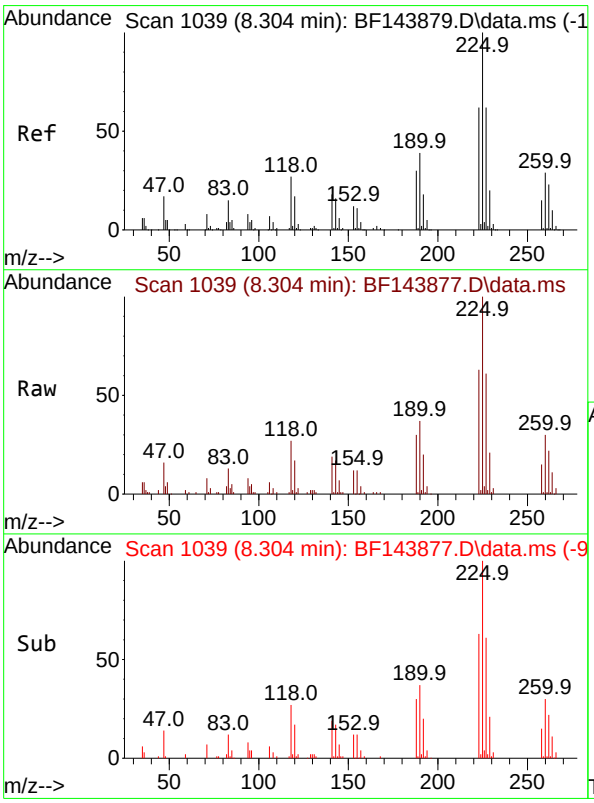
#33
4-Chloroaniline
Concen: 10.842 ng
RT: 8.234 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:127 Resp: 91294

Ion	Ratio	Lower	Upper
127	100		
129	29.1	25.8	38.8
65	33.7	30.0	45.0
92	22.0	18.2	27.2

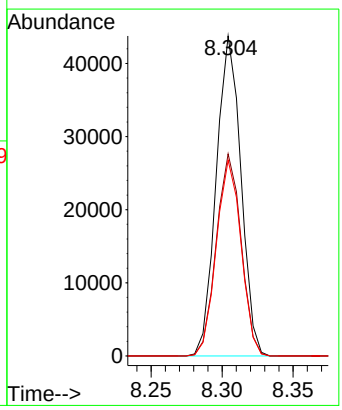


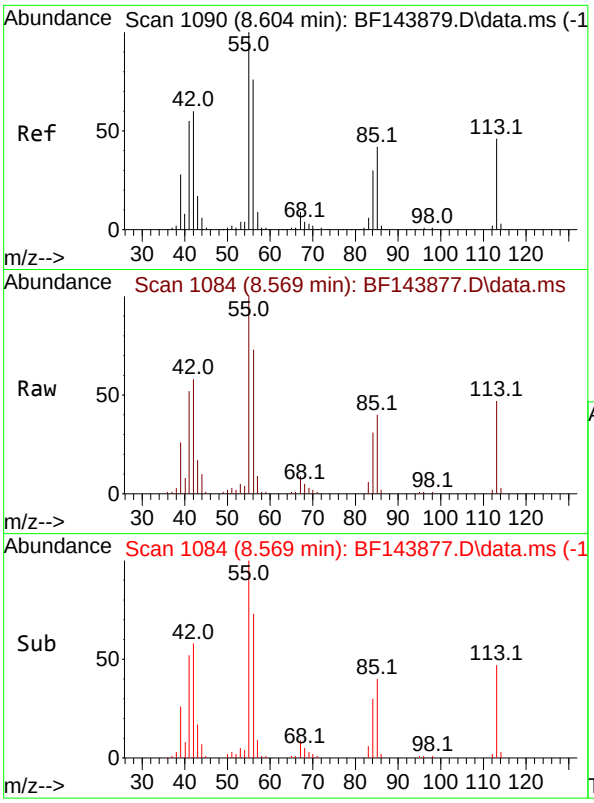


#34
Hexachlorobutadiene
Concen: 10.665 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:225 Resp: 52824

Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.4	74.2
227	61.1	49.7	74.5



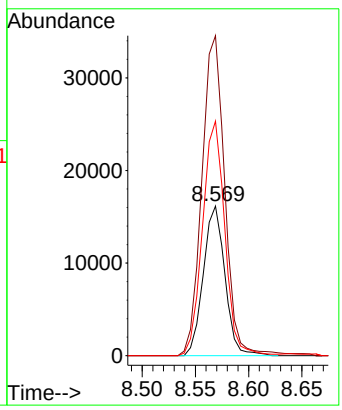


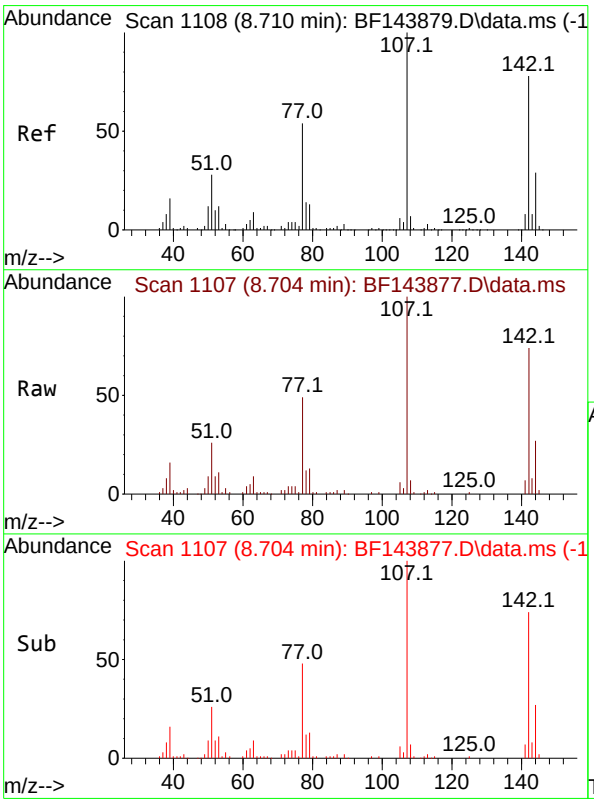
#35
Caprolactam
Concen: 9.900 ng
RT: 8.569 min Scan# 1
Delta R.T. -0.076 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:113 Resp: 22813

Ion	Ratio	Lower	Upper
113	100		
55	213.8	199.6	239.6
56	156.7	146.0	186.0

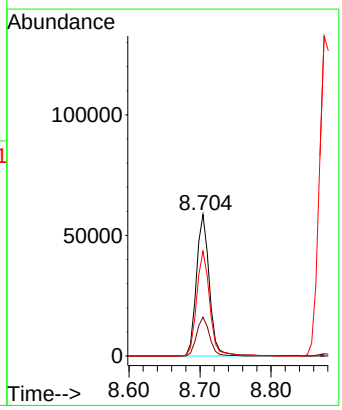


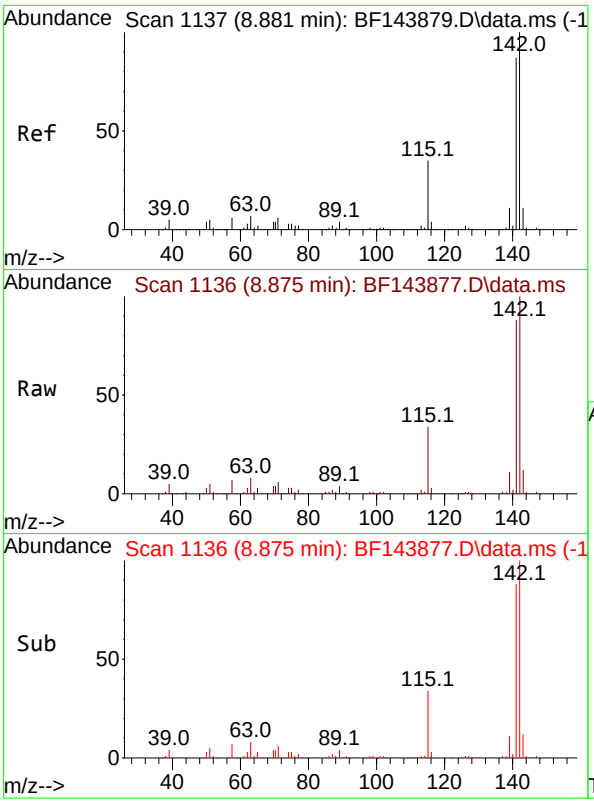


#36
4-Chloro-3-methylphenol
Concen: 10.708 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.018 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:107 Resp: 74546

Ion	Ratio	Lower	Upper
107	100		
144	27.3	23.1	34.7
142	74.0	62.6	94.0



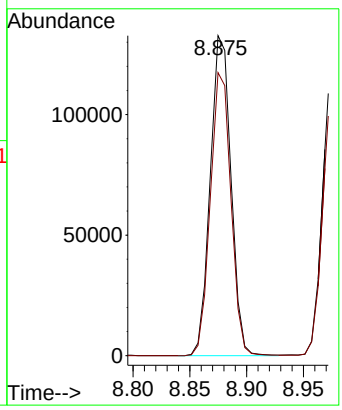


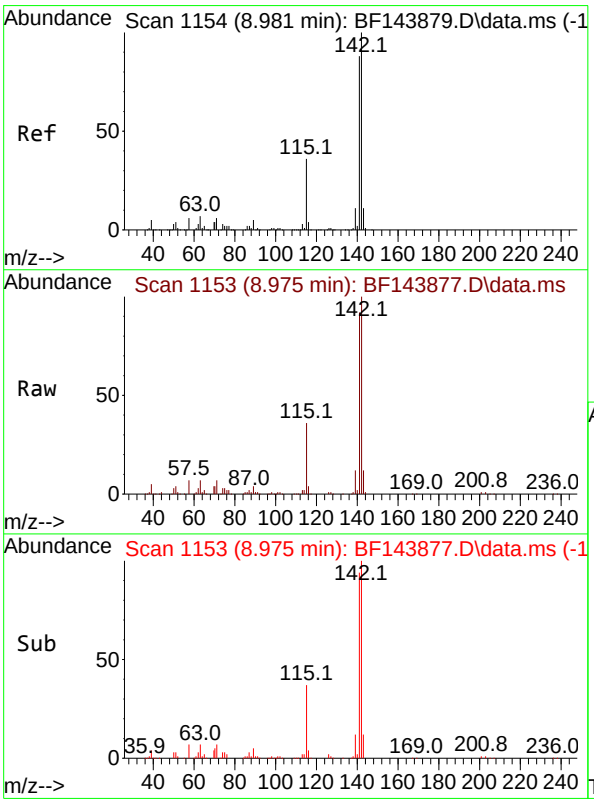
#37
2-Methylnaphthalene
Concen: 11.272 ng
RT: 8.875 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:142 Resp: 168581

Ion	Ratio	Lower	Upper
142	100		
141	88.4	69.2	103.8

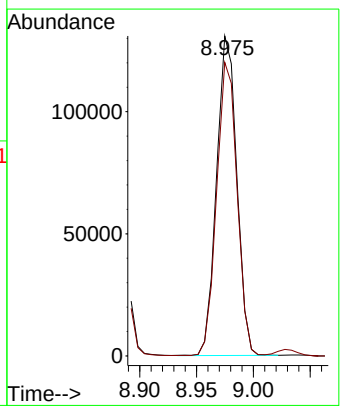


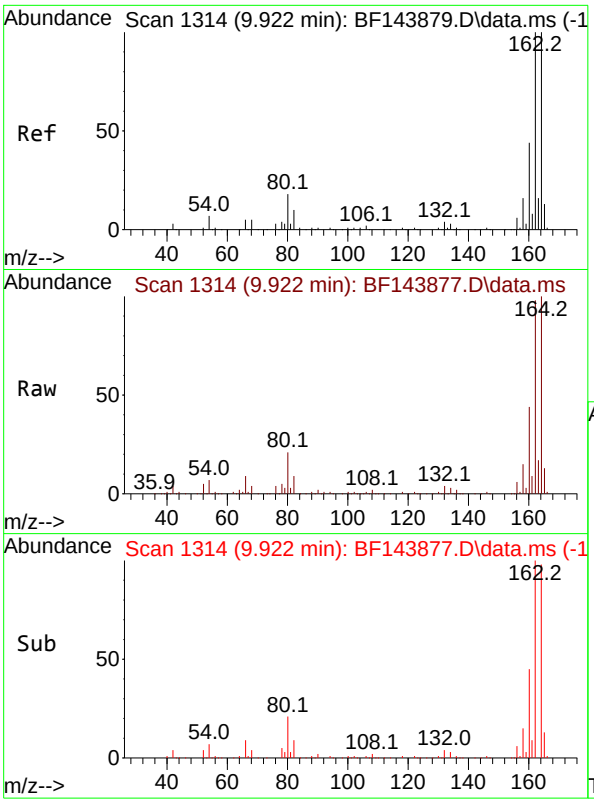


#38
1-Methylnaphthalene
Concen: 11.160 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.011 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:142 Resp: 161895

Ion	Ratio	Lower	Upper
142	100		
141	91.8	70.8	106.2



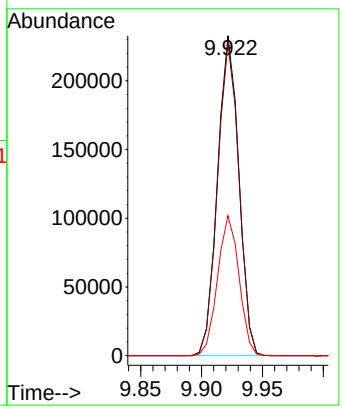


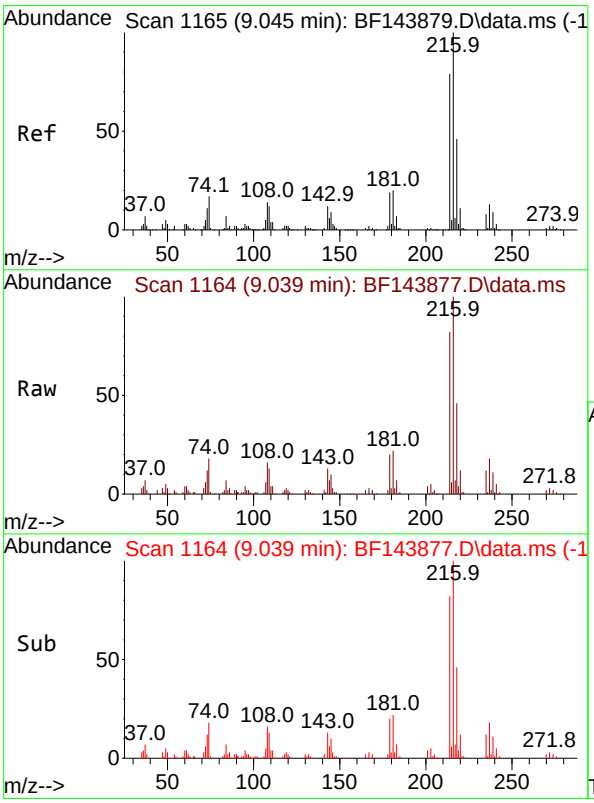
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1
Delta R.T. -0.005 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:164 Resp: 283821

Ion	Ratio	Lower	Upper
164	100		
162	97.5	80.2	120.2
160	43.8	35.4	53.0

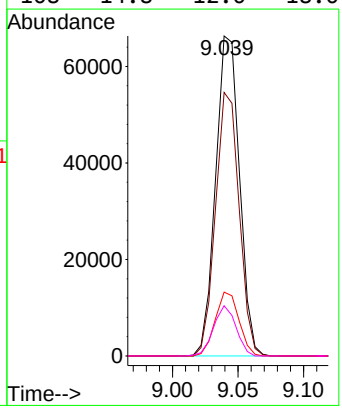


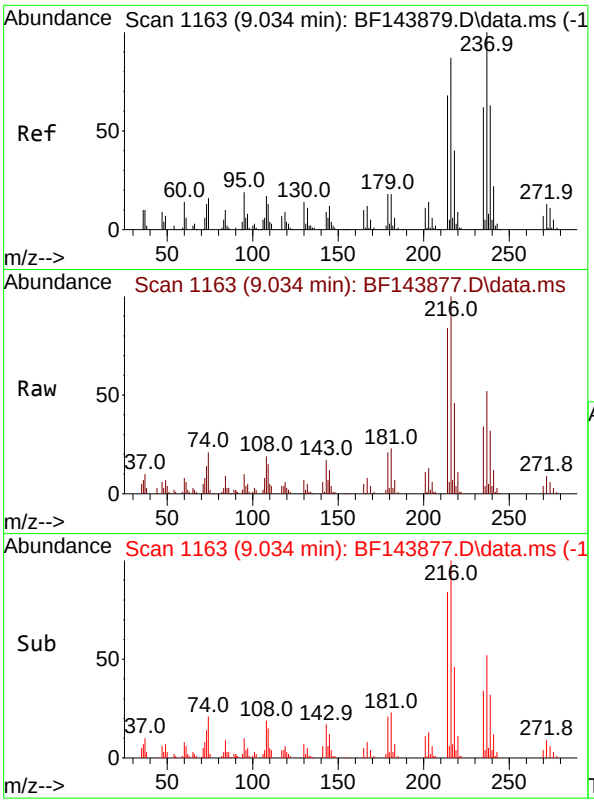


#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.705 ng
RT: 9.039 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:216 Resp: 83972

Ion	Ratio	Lower	Upper
216	100		
214	81.4	62.6	94.0
179	19.8	15.4	23.0
108	14.8	12.0	18.0



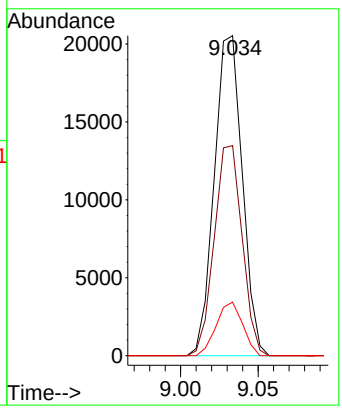


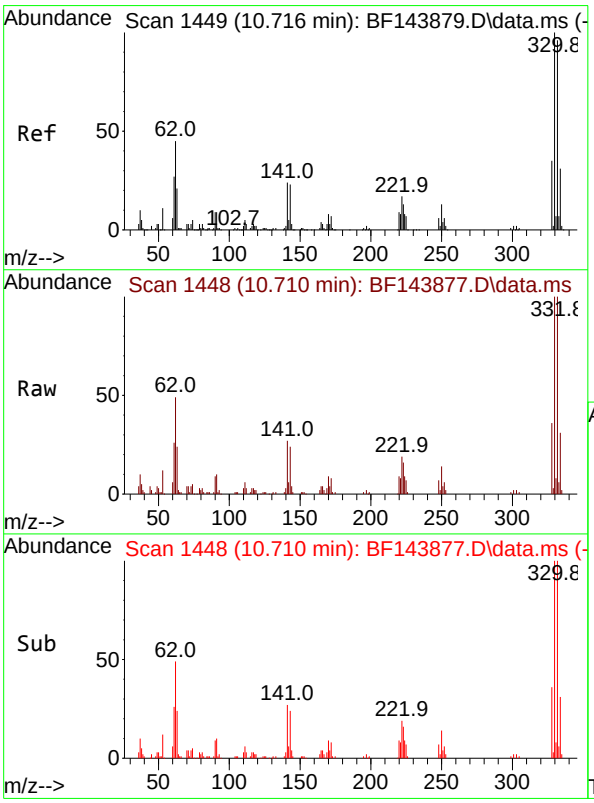
#41
Hexachlorocyclopentadiene
Concen: 7.932 ng
RT: 9.034 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:237 Resp: 25812

Ion	Ratio	Lower	Upper
237	100		
235	65.7	42.3	82.3
272	16.7	0.0	33.1

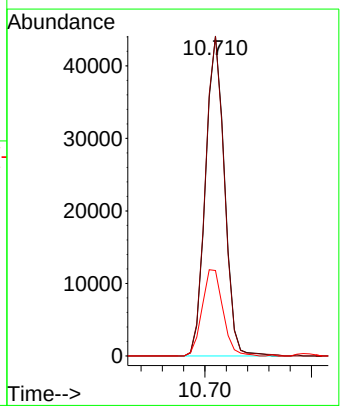


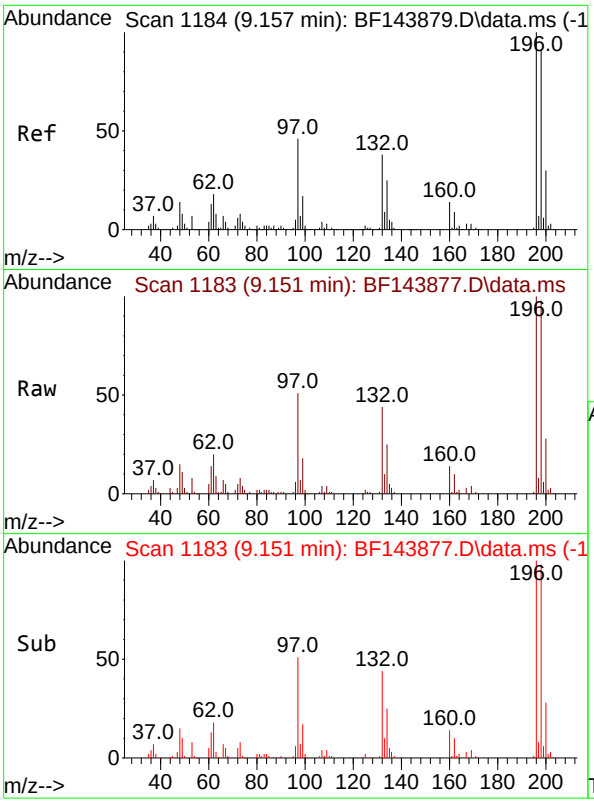


#42
2,4,6-Tribromophenol
Concen: 19.262 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:330 Resp: 54453

Ion	Ratio	Lower	Upper
330	100		
332	100.2	76.9	115.3
141	29.7	20.2	30.4



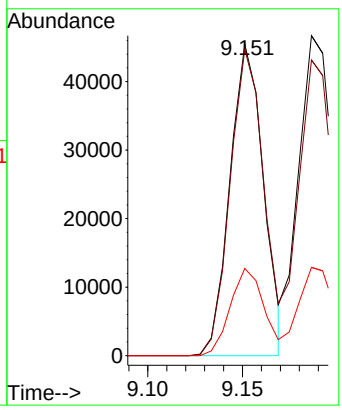


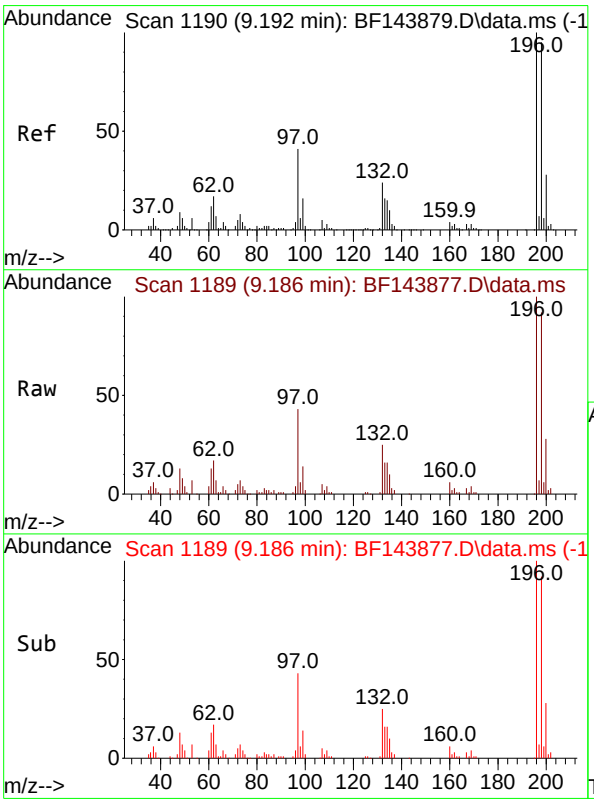
#43
2,4,6-Trichlorophenol
Concen: 9.758 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:196 Resp: 55929

Ion	Ratio	Lower	Upper
196	100		
198	98.4	72.8	109.2
200	28.0	24.0	36.0

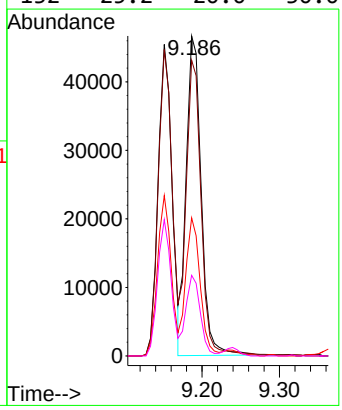


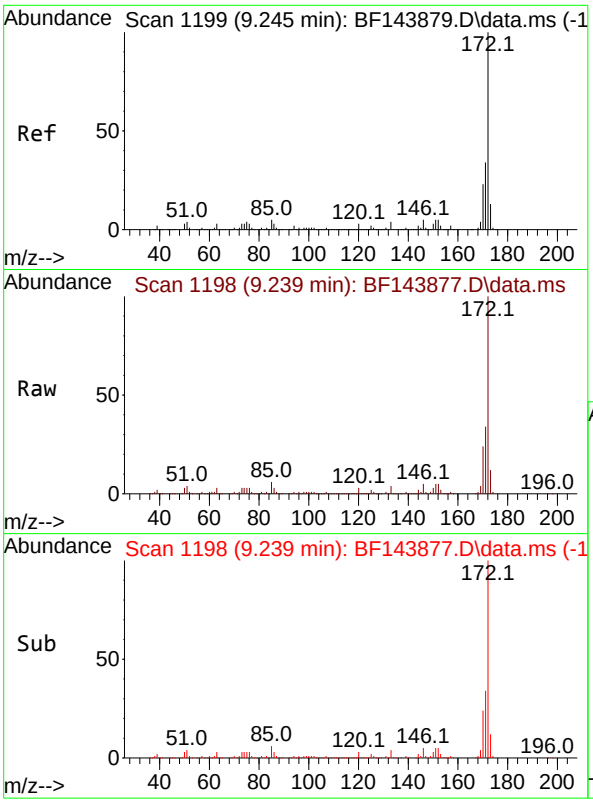


#44
2,4,5-Trichlorophenol
Concen: 10.407 ng
RT: 9.186 min Scan# 1189
Delta R.T. -0.018 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:196 Resp: 63036

Ion	Ratio	Lower	Upper
196	100		
198	92.4	75.5	113.3
97	43.1	33.9	50.9
132	25.2	20.0	30.0



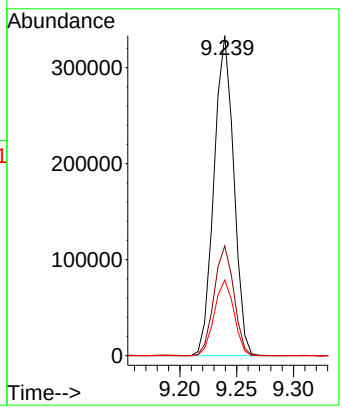


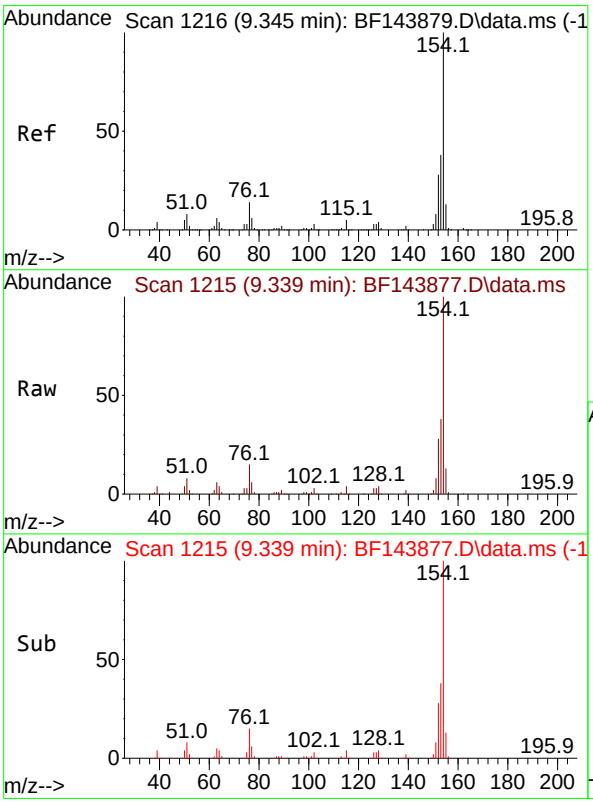
#45
2-Fluorobiphenyl
Concen: 22.595 ng
RT: 9.239 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:172 Resp: 404164

Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.4	41.0
170	23.7	18.6	28.0

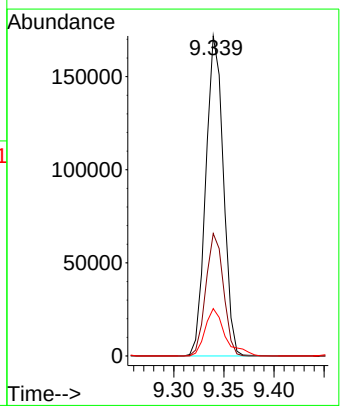


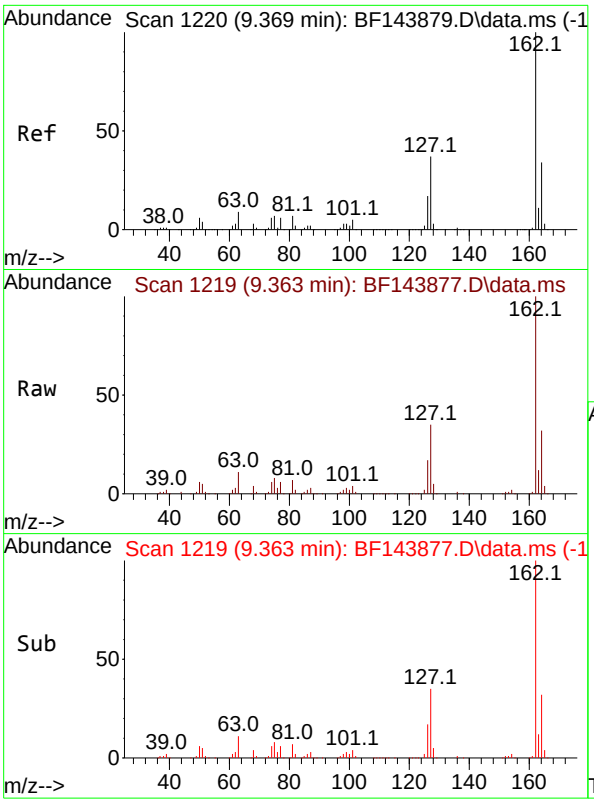


#46
1,1'-Biphenyl
Concen: 11.150 ng
RT: 9.339 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:154 Resp: 209528

Ion	Ratio	Lower	Upper
154	100		
153	38.3	18.4	58.4
76	14.8	0.0	34.0



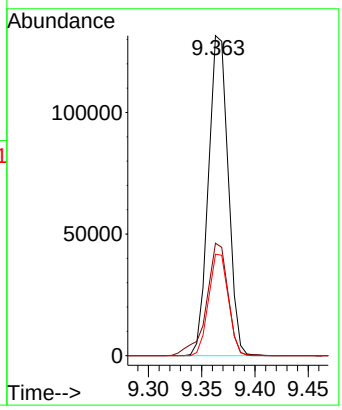


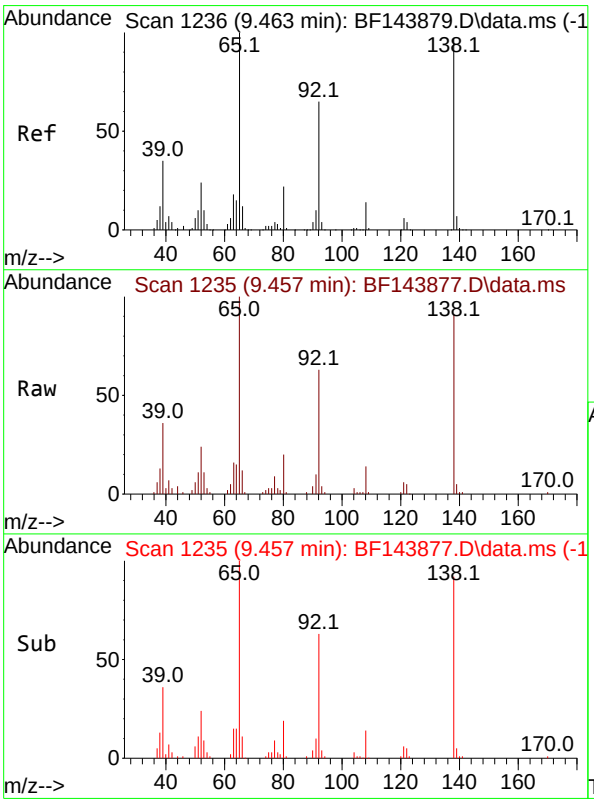
#47
2-Chloronaphthalene
Concen: 10.829 ng
RT: 9.363 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 169672

Ion	Ratio	Lower	Upper
162	100		
127	35.1	30.2	45.2
164	31.7	26.9	40.3

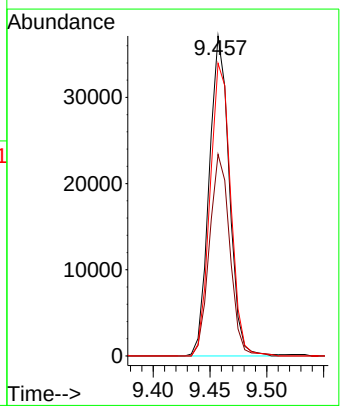


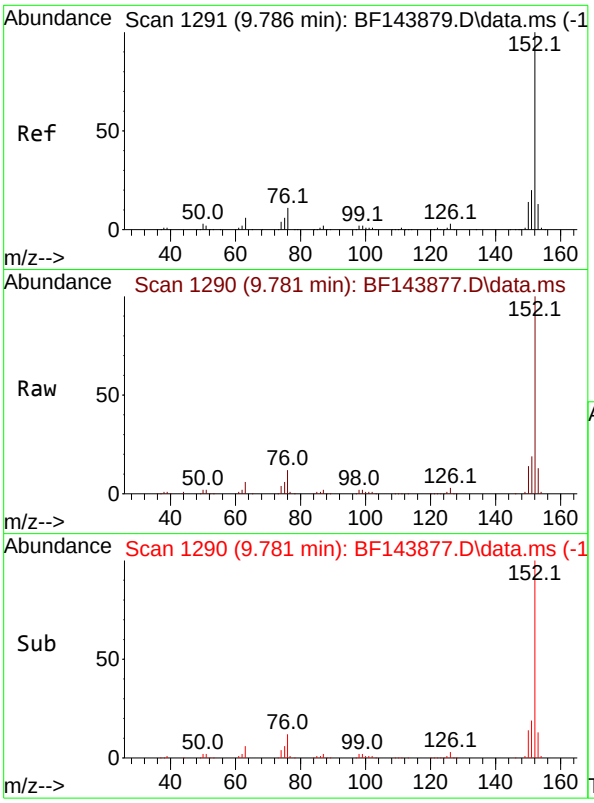


#48
2-Nitroaniline
Concen: 9.219 ng
RT: 9.457 min Scan# 1235
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion: 65 Resp: 45663

Ion	Ratio	Lower	Upper
65	100		
92	63.0	52.1	78.1
138	91.5	77.4	116.2



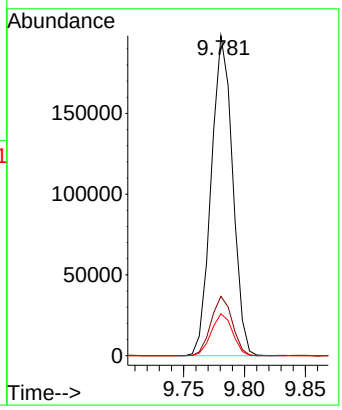


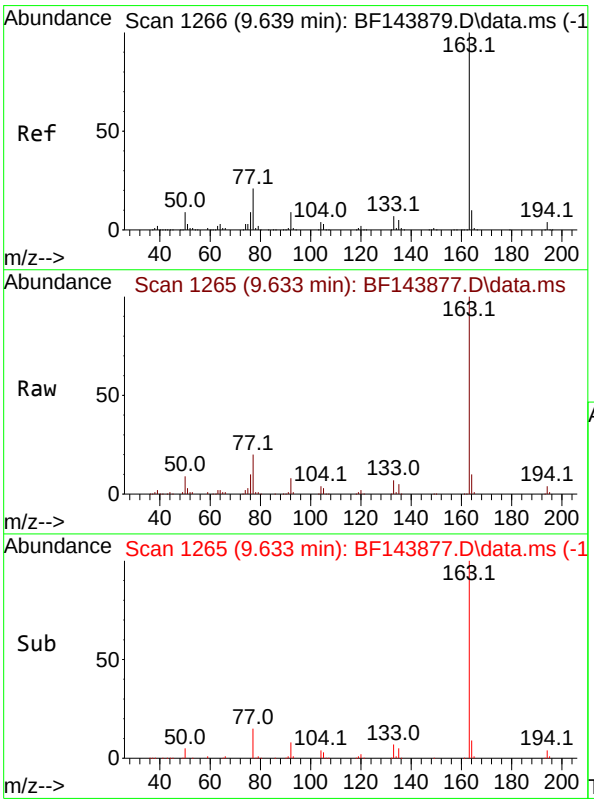
#49
Acenaphthylene
Concen: 10.962 ng
RT: 9.781 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 241454

Ion	Ratio	Lower	Upper
152	100		
151	18.5	15.8	23.6
153	13.1	10.5	15.7

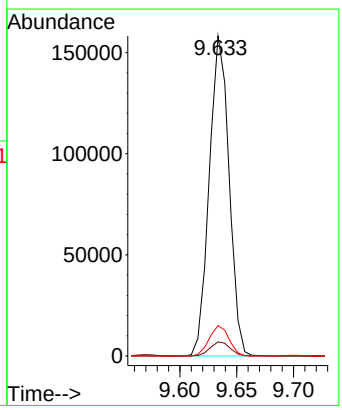


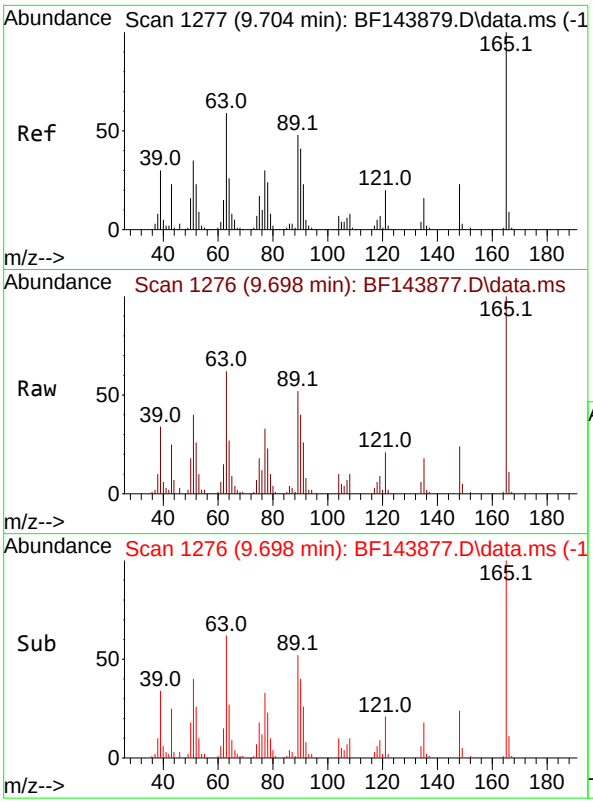


#50
Dimethylphthalate
Concen: 10.638 ng
RT: 9.633 min Scan# 1265
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:163 Resp: 191729

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.3	4.9
164	9.5	8.1	12.1



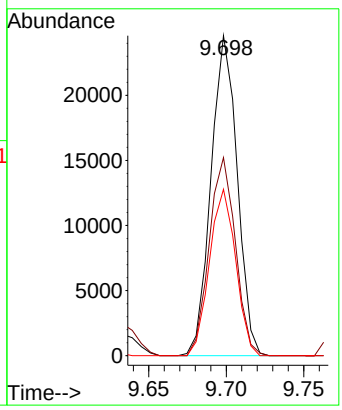


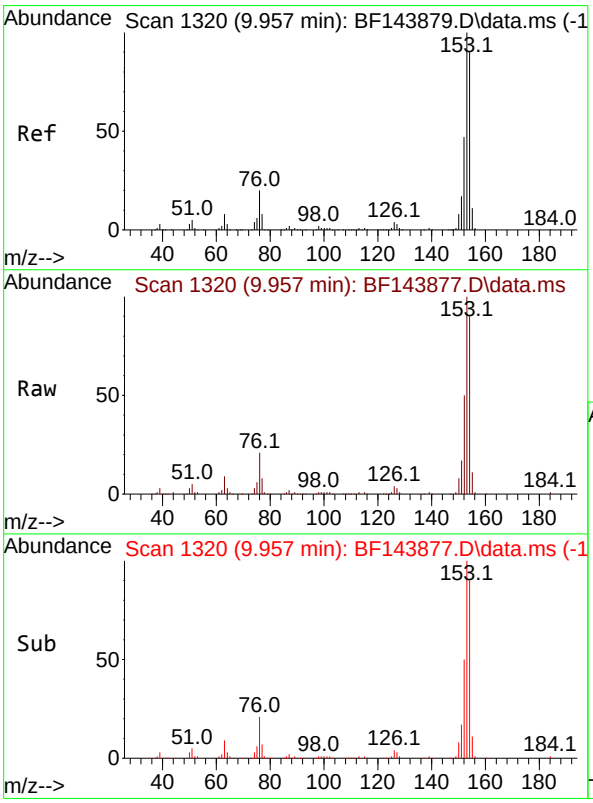
#51
2,6-Dinitrotoluene
Concen: 8.655 ng
RT: 9.698 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 28928

Ion	Ratio	Lower	Upper
165	100		
63	61.9	47.3	70.9
89	52.0	38.2	57.4

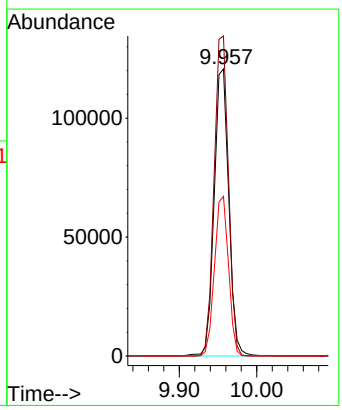


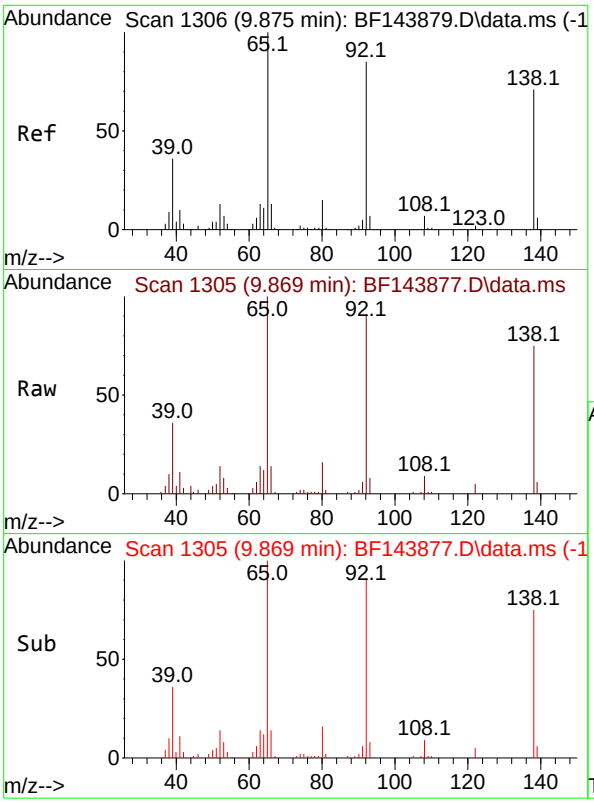


#52
Acenaphthene
Concen: 10.962 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:154 Resp: 158214

Ion	Ratio	Lower	Upper
154	100		
153	111.5	89.3	133.9
152	55.6	42.2	63.2



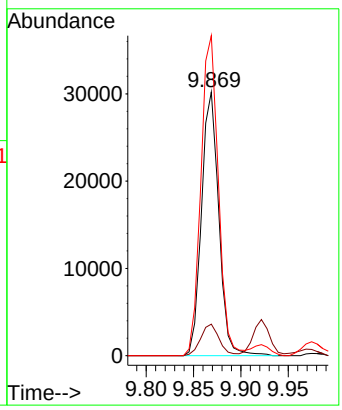


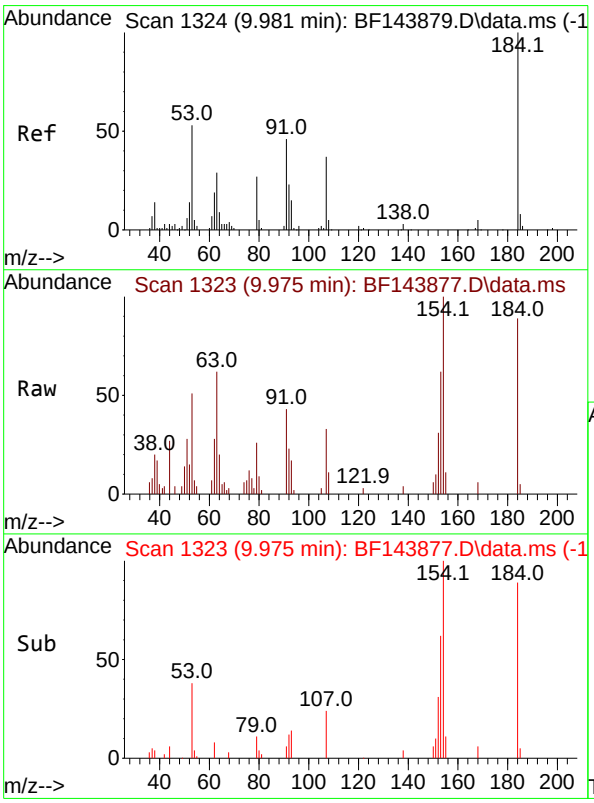
#53
3-Nitroaniline
Concen: 9.380 ng
RT: 9.869 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:138 Resp: 38386

Ion	Ratio	Lower	Upper
138	100		
108	12.0	8.3	12.5
92	121.4	96.2	144.2

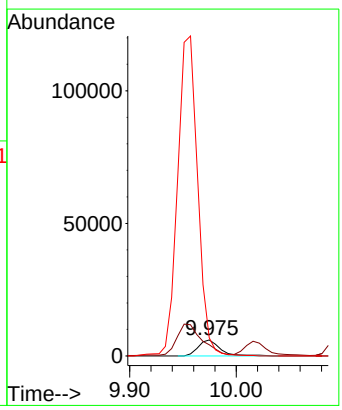


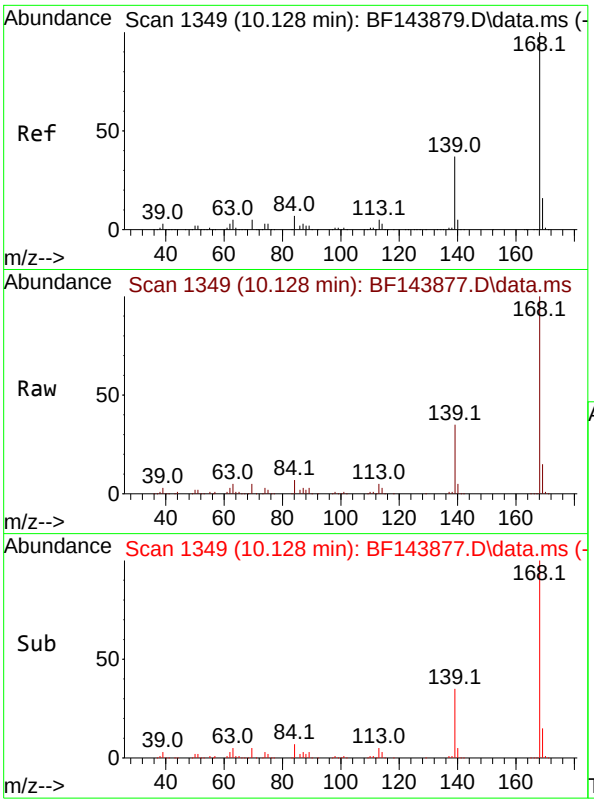


#54
2,4-Dinitrophenol
Concen: 10.761 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.011 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:184 Resp: 8624

Ion	Ratio	Lower	Upper
184	100		
63	69.4	48.2	72.4
154	112.7	49.2	73.8#



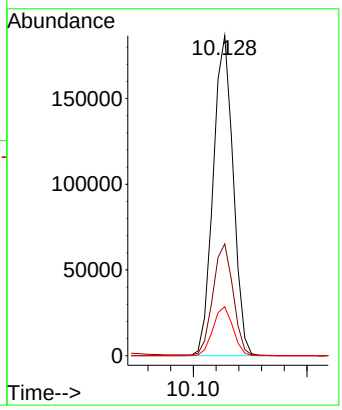


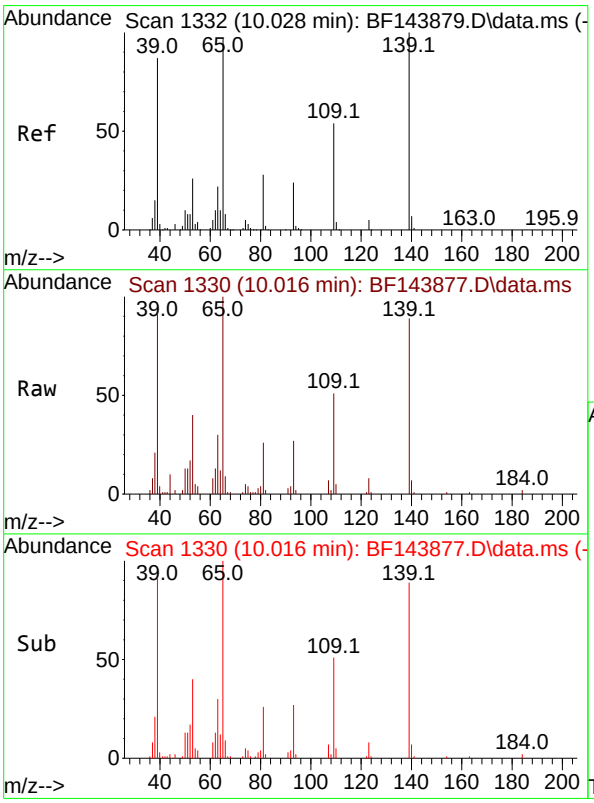
#55
Dibenzofuran
Concen: 11.199 ng
RT: 10.128 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:168 Resp: 228160

Ion	Ratio	Lower	Upper
168	100		
139	35.0	29.8	44.8
169	15.3	12.8	19.2

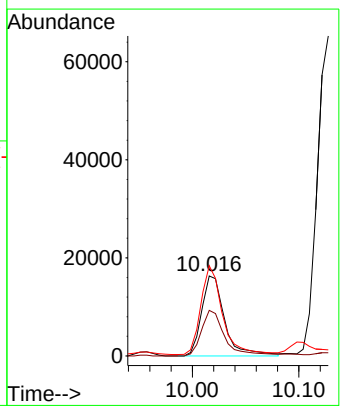


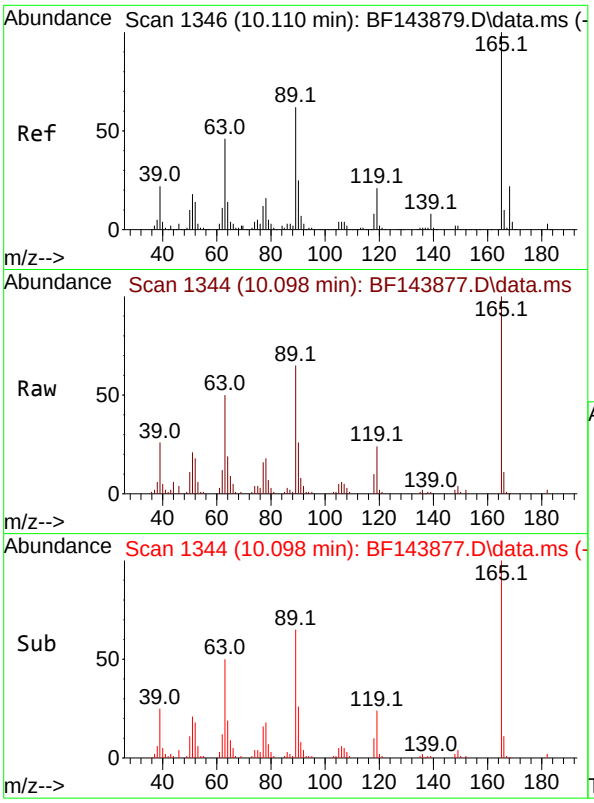


#56
4-Nitrophenol
Concen: 7.934 ng
RT: 10.016 min Scan# 1330
Delta R.T. -0.023 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:139 Resp: 24585

Ion	Ratio	Lower	Upper
139	100		
109	57.1	34.5	74.5
65	112.8	77.6	117.6



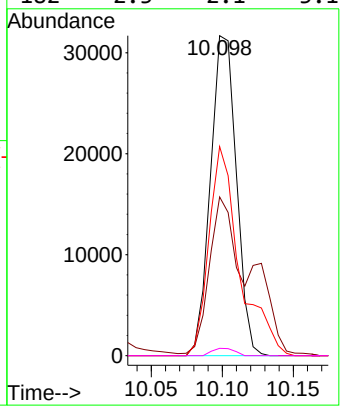


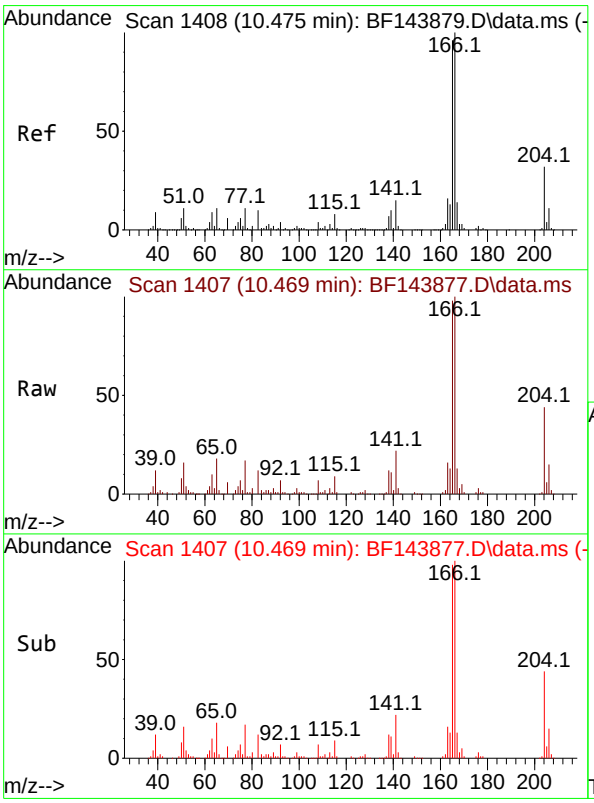
#57
2,4-Dinitrotoluene
Concen: 8.862 ng
RT: 10.098 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 40299

Ion	Ratio	Lower	Upper
165	100		
63	49.6	37.2	55.8
89	65.4	49.4	74.2
182	2.3	2.1	3.1

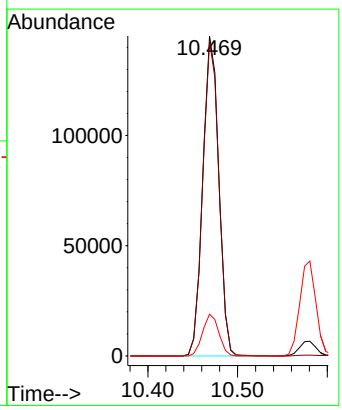


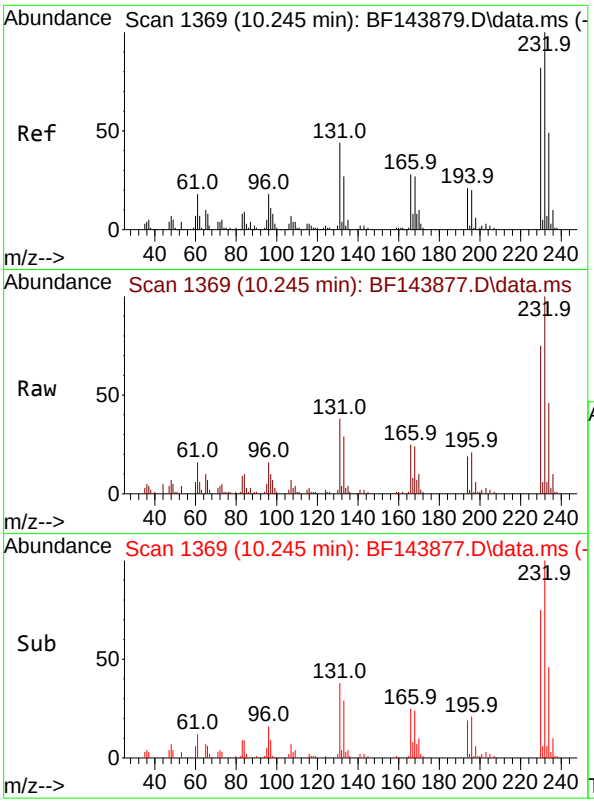


#58
Fluorene
Concen: 11.683 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:166 Resp: 179607

Ion	Ratio	Lower	Upper
166	100		
165	98.2	77.0	115.6
167	13.1	11.1	16.7



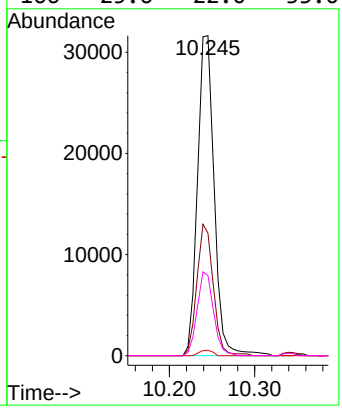


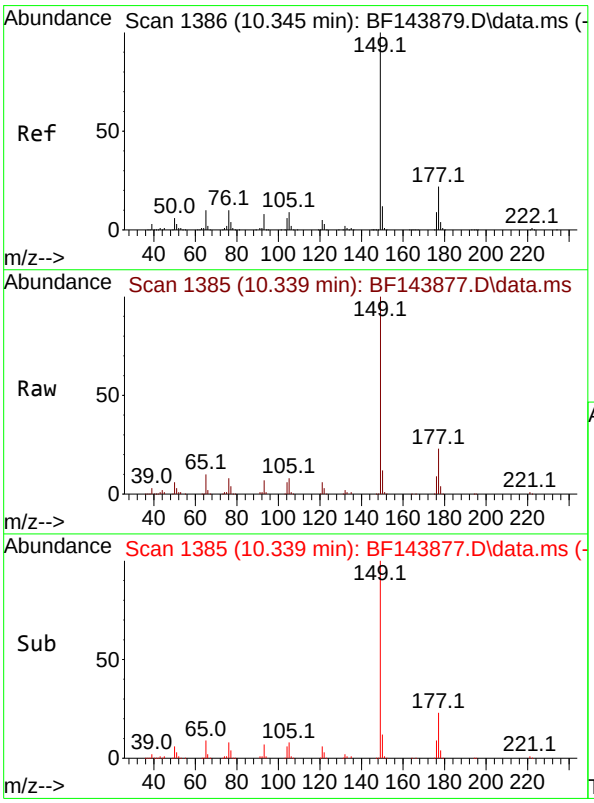
#59
2,3,4,6-Tetrachlorophenol
Concen: 10.041 ng
RT: 10.245 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:232 Resp: 43052

Ion	Ratio	Lower	Upper
232	100		
131	40.3	34.9	52.3
130	1.4	1.6	2.4#
166	25.6	22.0	33.0

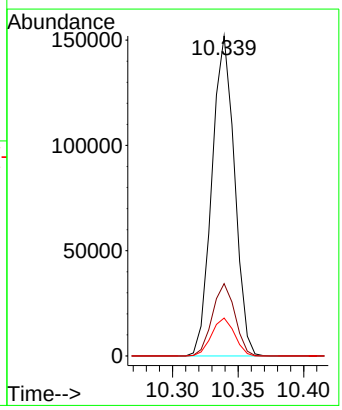


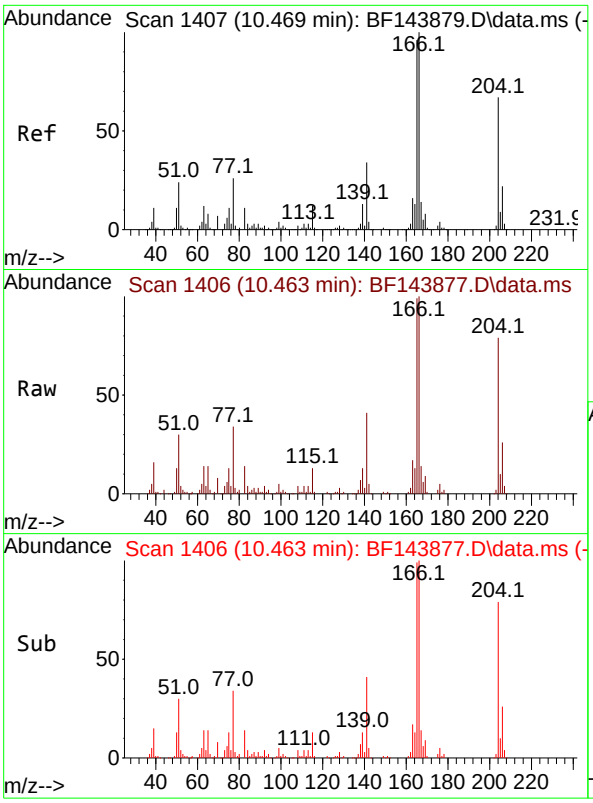


#60
Diethylphthalate
Concen: 10.860 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:149 Resp: 181846

Ion	Ratio	Lower	Upper
149	100		
177	22.6	17.9	26.9
150	11.8	9.8	14.8



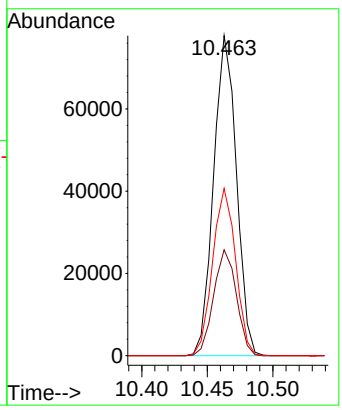


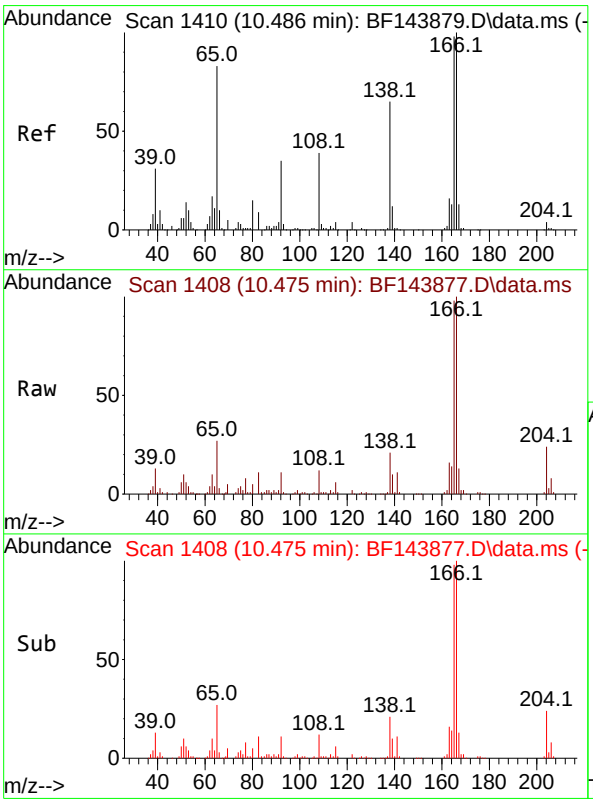
#61
4-Chlorophenyl-phenylether
Concen: 11.565 ng
RT: 10.463 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:204 Resp: 94000

Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.6	40.0
141	52.2	40.4	60.6

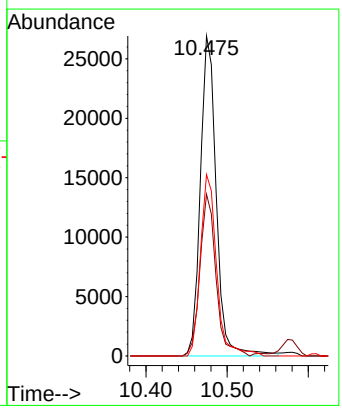


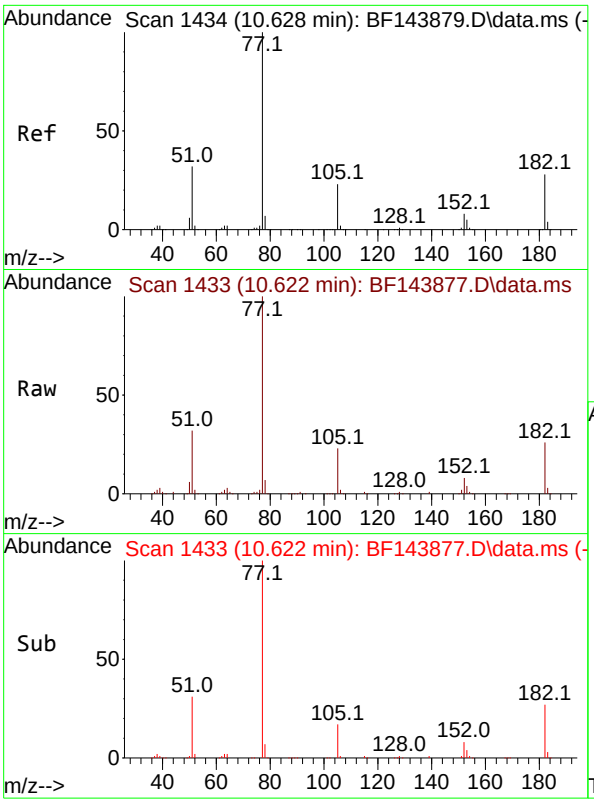


#62
4-Nitroaniline
Concen: 9.322 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.035 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:138 Resp: 36684

Ion	Ratio	Lower	Upper
138	100		
92	50.5	33.9	73.9
108	56.7	40.2	80.2



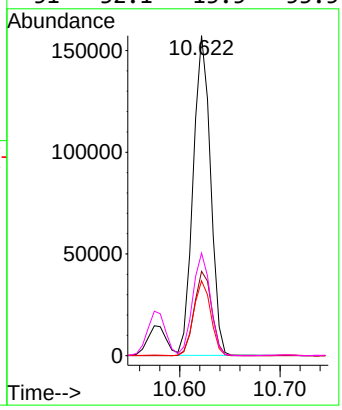


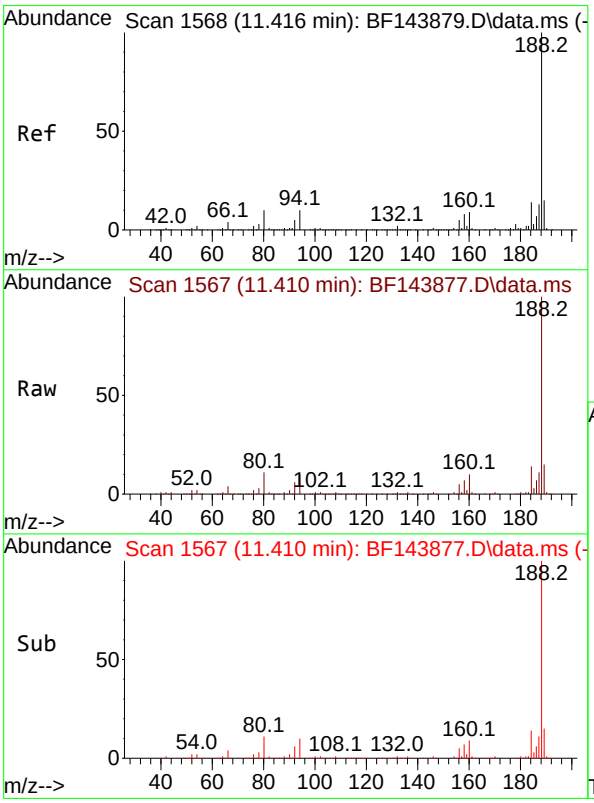
#63
Azobenzene
Concen: 10.794 ng
RT: 10.622 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 188888

Ion	Ratio	Lower	Upper
77	100		
182	26.3	7.3	47.3
105	23.4	3.0	43.0
51	32.1	13.5	53.5

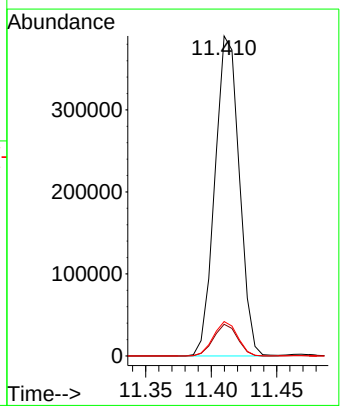


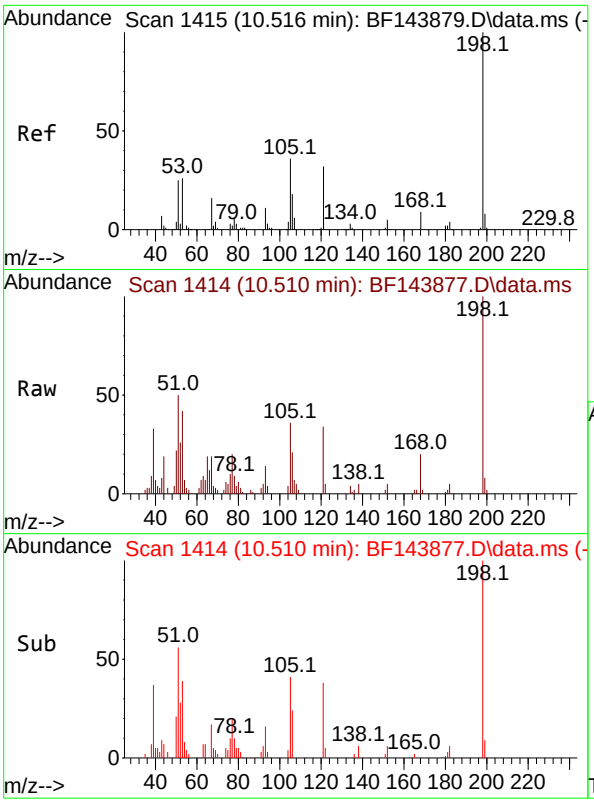


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:188 Resp: 504357

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.8	11.6
80	10.8	7.9	11.9



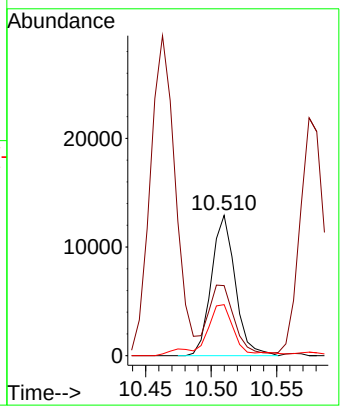


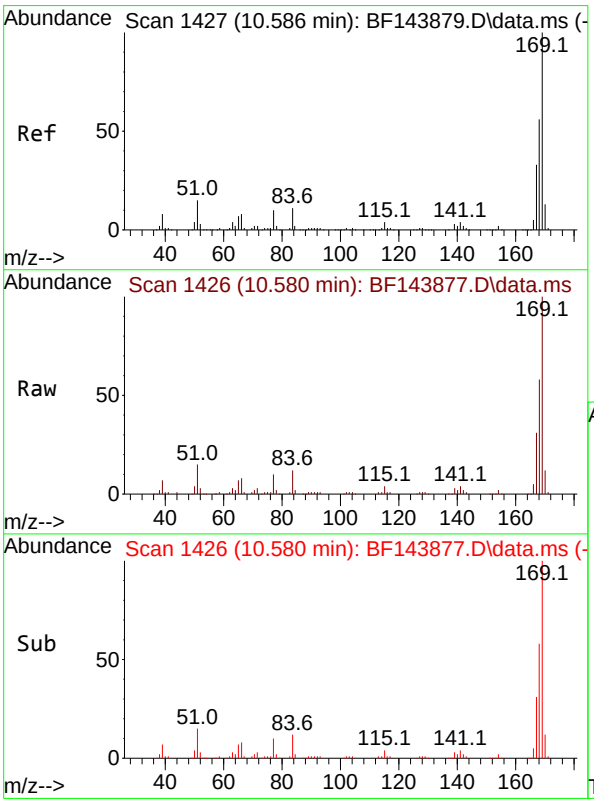
#65
4,6-Dinitro-2-methylphenol
Concen: 6.421 ng
RT: 10.510 min Scan# 14
Delta R.T. -0.023 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:198 Resp: 16274

Ion	Ratio	Lower	Upper
198	100		
51	49.9	33.8	73.8
105	36.3	17.0	57.0

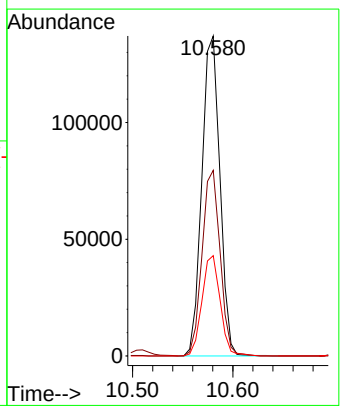


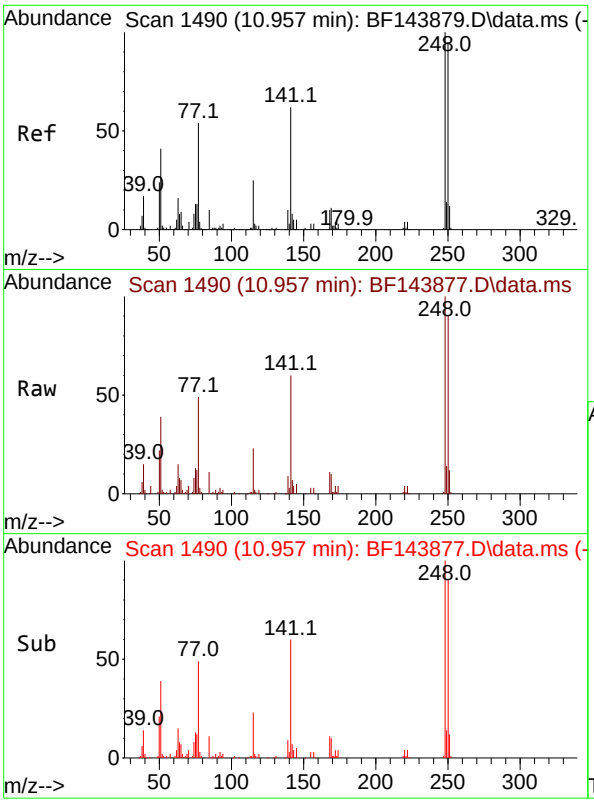


#66
n-Nitrosodiphenylamine
Concen: 10.869 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:169 Resp: 172118

Ion	Ratio	Lower	Upper
169	100		
168	58.0	44.9	67.3
167	31.4	26.3	39.5



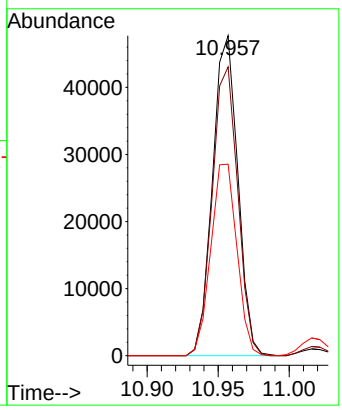


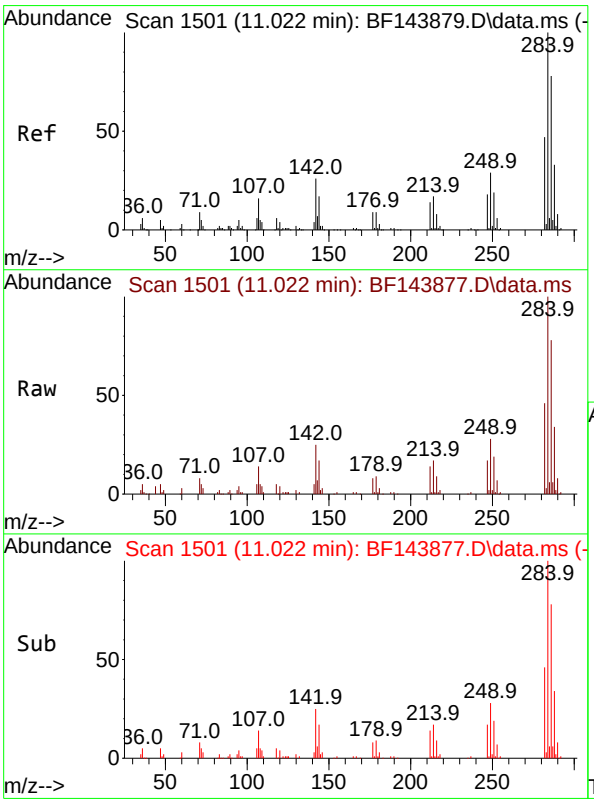
#67
4-Bromophenyl-phenylether
Concen: 10.581 ng
RT: 10.957 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:248 Resp: 58980

Ion	Ratio	Lower	Upper
248	100		
250	90.3	76.3	114.5
141	59.9	49.7	74.5

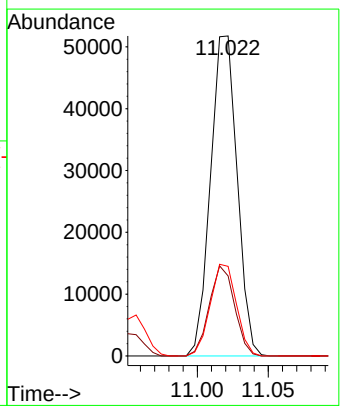


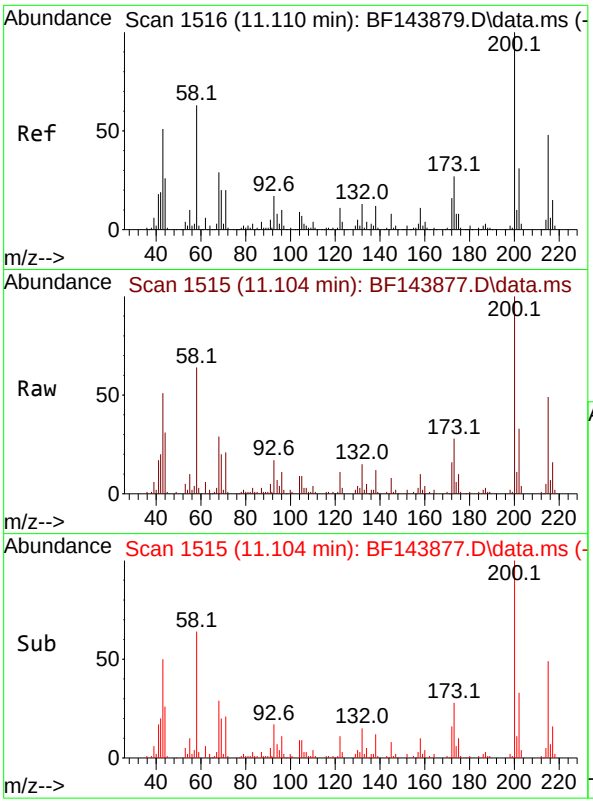


#68
Hexachlorobenzene
Concen: 10.459 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:284 Resp: 67494

Ion	Ratio	Lower	Upper
284	100		
142	25.0	20.6	30.8
249	28.0	23.2	34.8



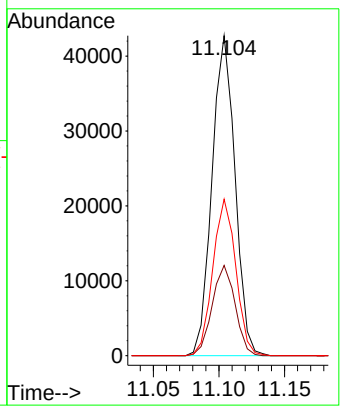


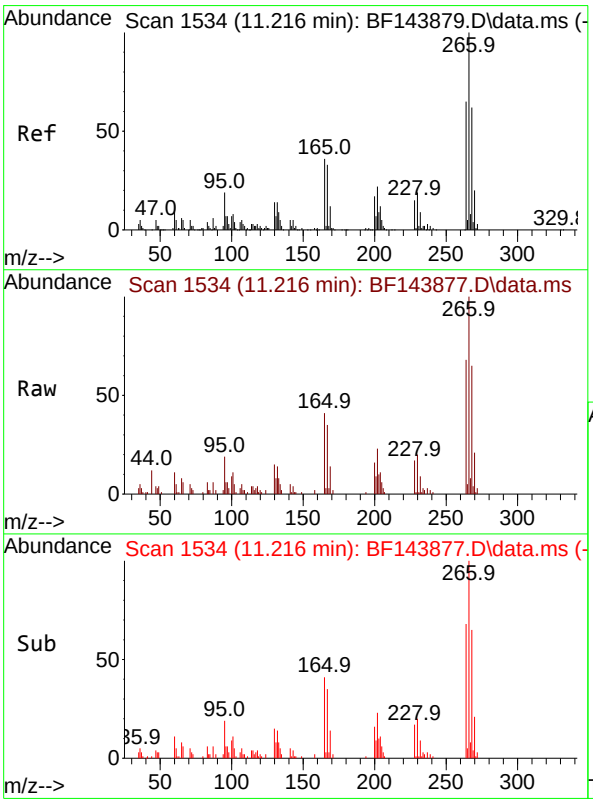
#69
Atrazine
Concen: 10.837 ng
RT: 11.104 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:200 Resp: 52016

Ion	Ratio	Lower	Upper
200	100		
173	28.2	7.0	47.0
215	48.9	27.8	67.8

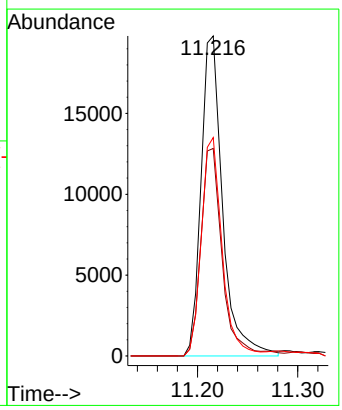


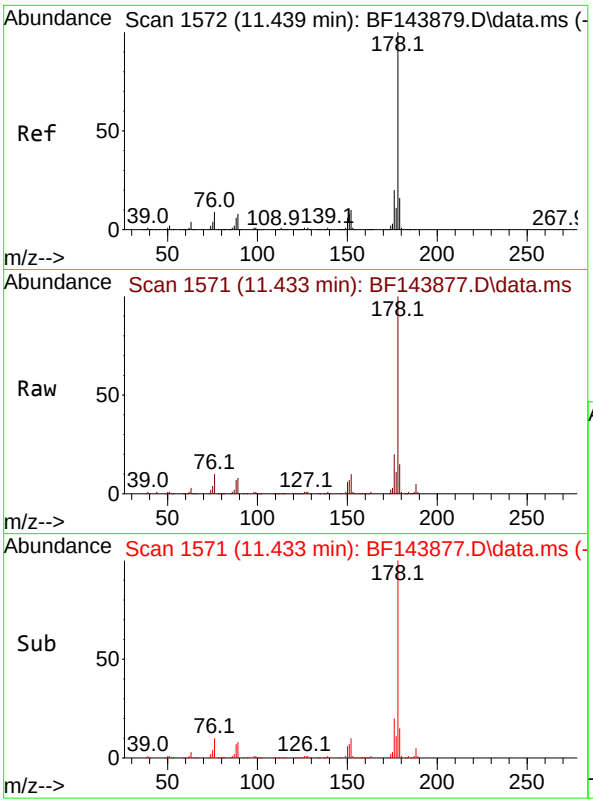


#70
Pentachlorophenol
Concen: 7.989 ng
RT: 11.216 min Scan# 1534
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:266 Resp: 29608

Ion	Ratio	Lower	Upper
266	100		
268	64.8	49.4	74.0
264	68.2	51.8	77.6



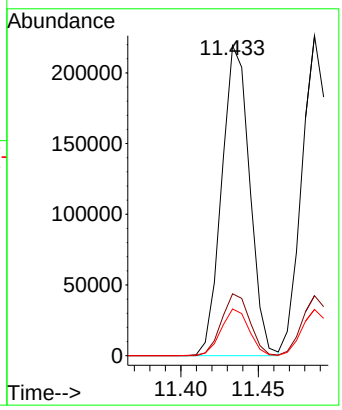


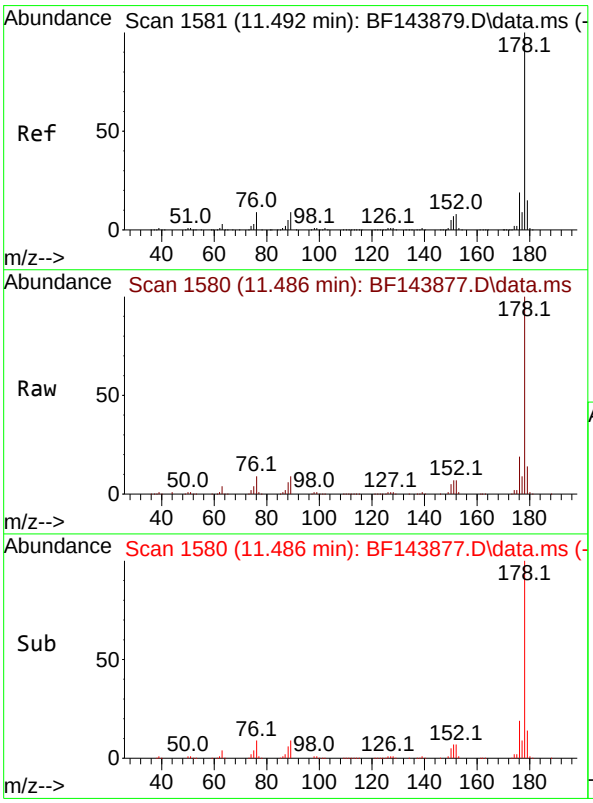
#71
Phenanthrene
Concen: 11.267 ng
RT: 11.433 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:178 Resp: 275484

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.9	23.9
179	15.1	12.4	18.6

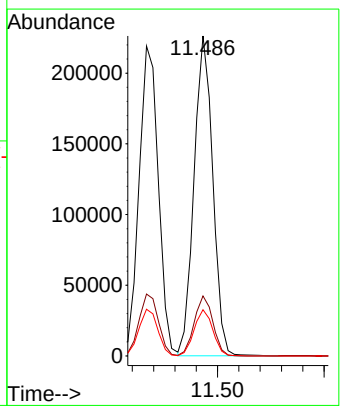


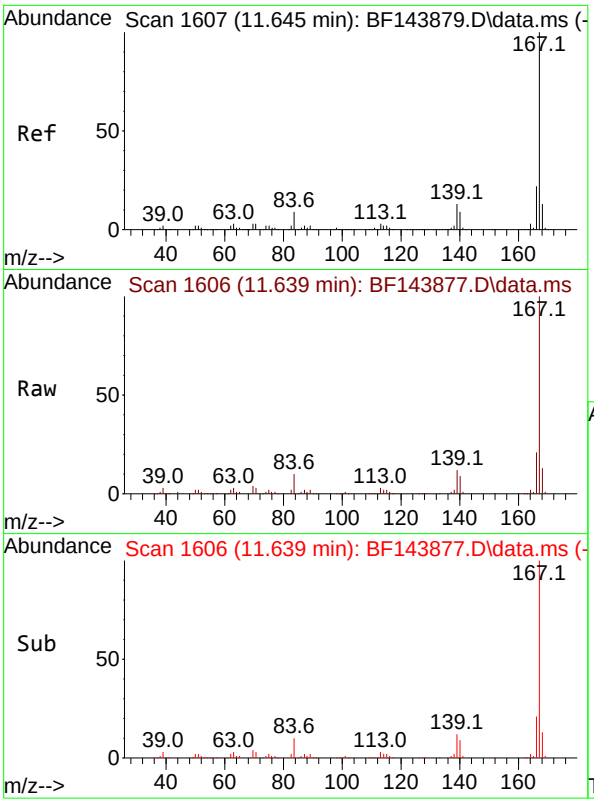


#72
Anthracene
Concen: 11.201 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:178 Resp: 276694

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	14.4	12.2	18.2



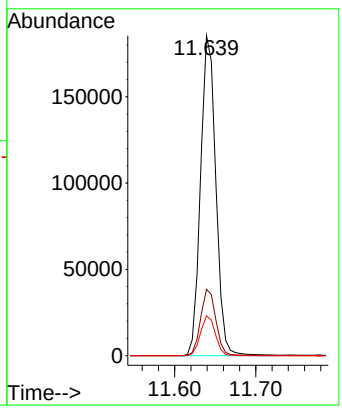


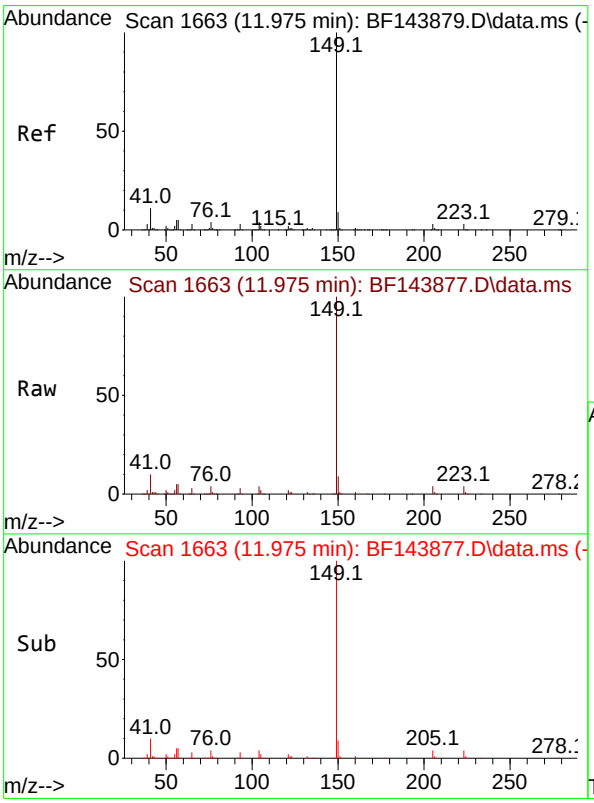
#73
Carbazole
Concen: 11.086 ng
RT: 11.639 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:167 Resp: 242534

Ion	Ratio	Lower	Upper
167	100		
166	20.7	17.2	25.8
139	12.5	10.1	15.1

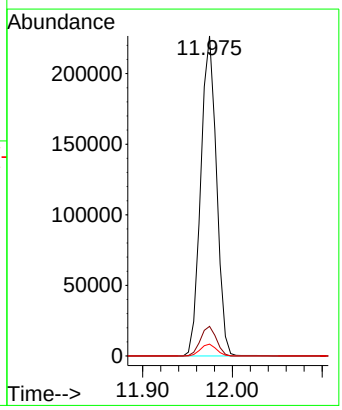


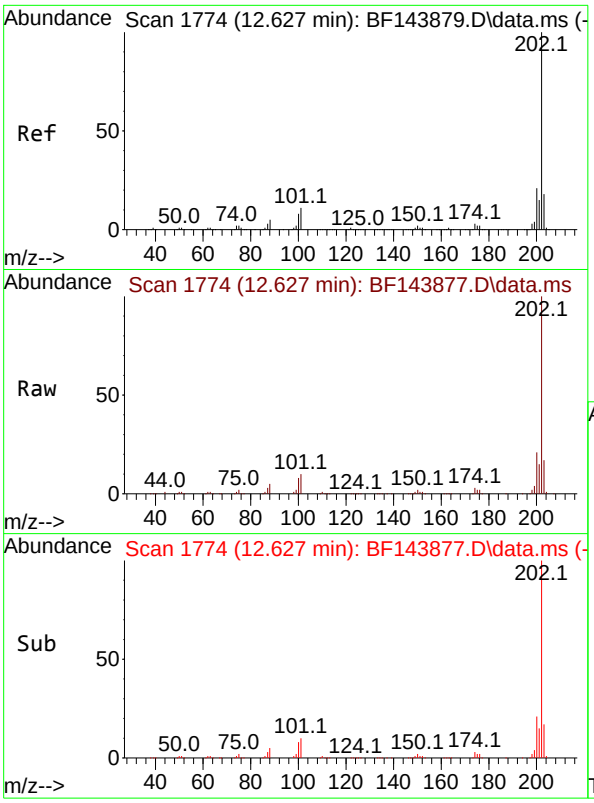


#74
Di-n-butylphthalate
Concen: 10.879 ng
RT: 11.975 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:149 Resp: 275838

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	3.7	3.4	5.2



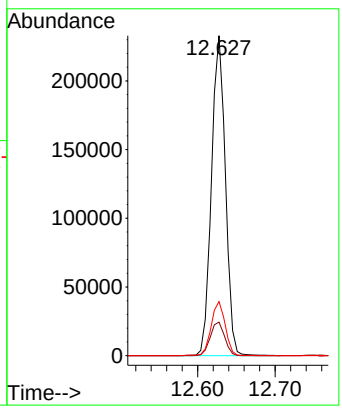


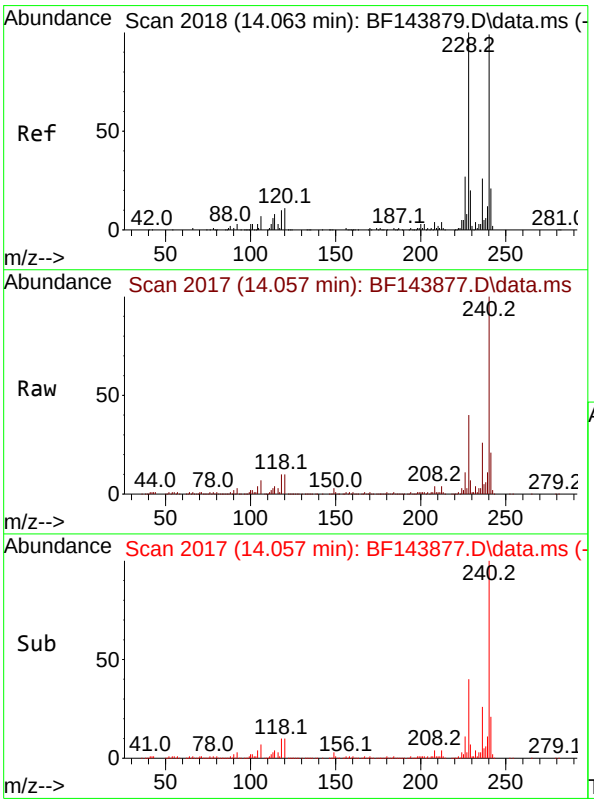
#75
Fluoranthene
Concen: 11.510 ng
RT: 12.627 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:202 Resp: 290713

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.7
203	16.9	0.0	37.8

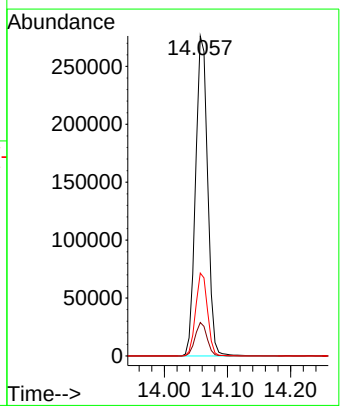


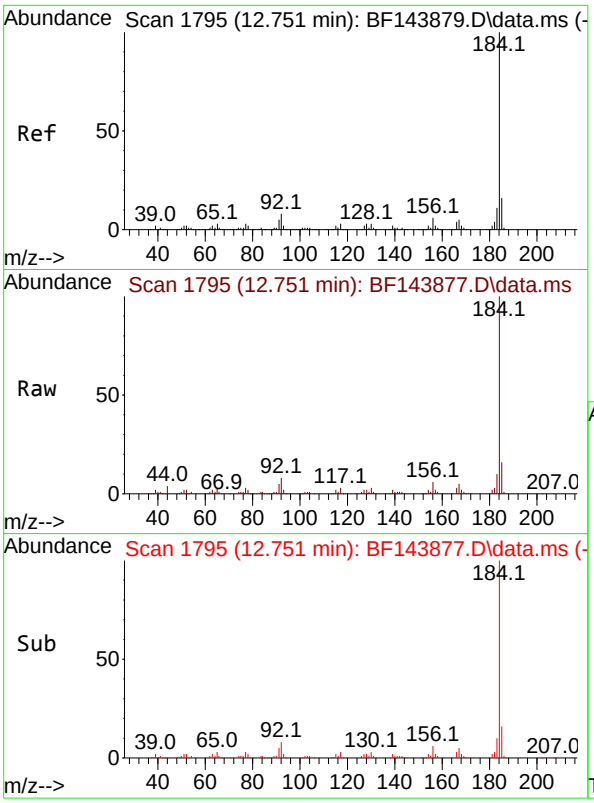


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.011 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:240 Resp: 366499

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.6	13.0
236	25.9	21.1	31.7



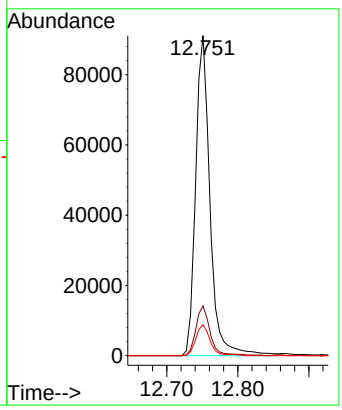


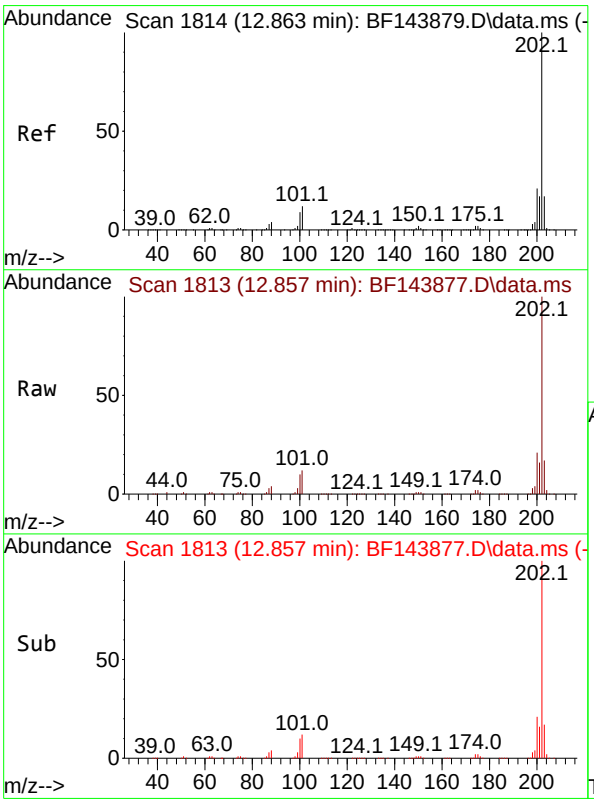
#77
Benzidine
Concen: 10.092 ng
RT: 12.751 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:184 Resp: 128424

Ion	Ratio	Lower	Upper
184	100		
185	15.5	12.6	18.8
183	9.7	8.8	13.2

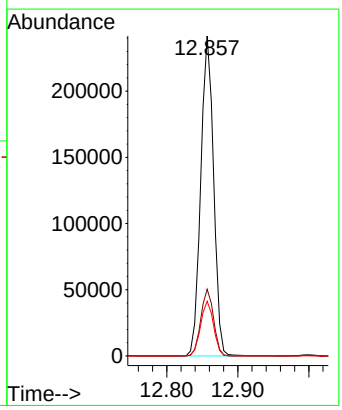


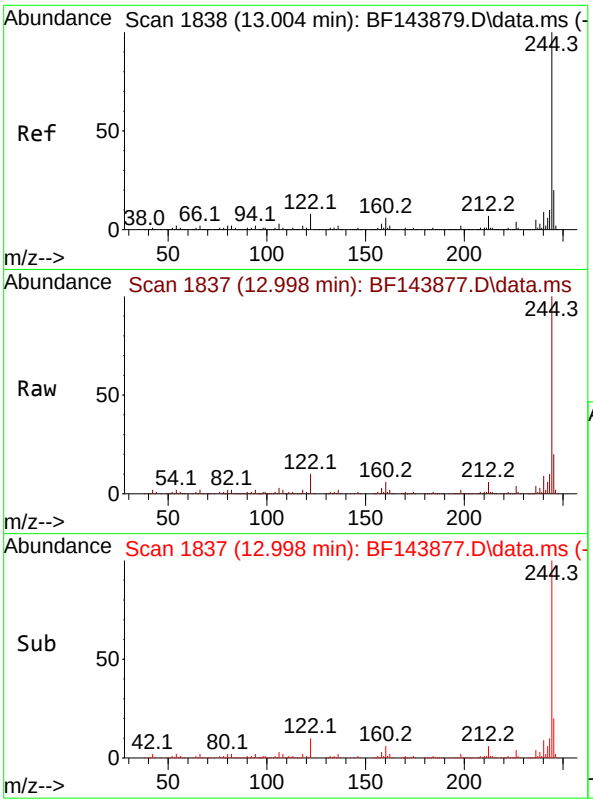


#78
Pyrene
Concen: 9.975 ng
RT: 12.857 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:202 Resp: 304789

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.0	25.6
203	17.1	13.8	20.6



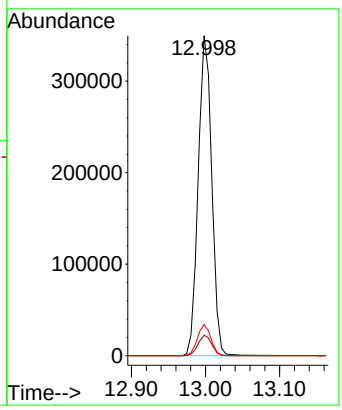


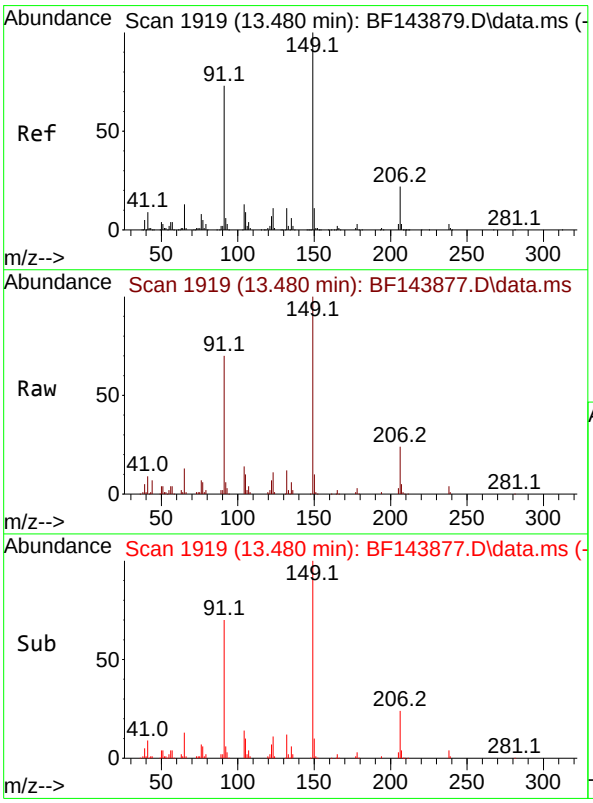
#79
Terphenyl-d14
Concen: 20.657 ng
RT: 12.998 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:244 Resp: 442968

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	9.7	6.4	9.6#

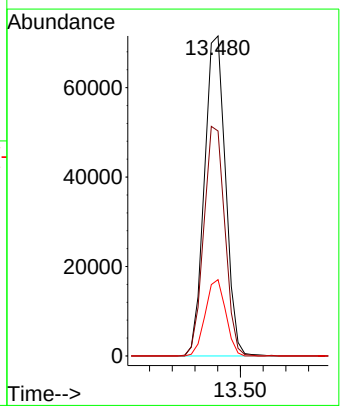


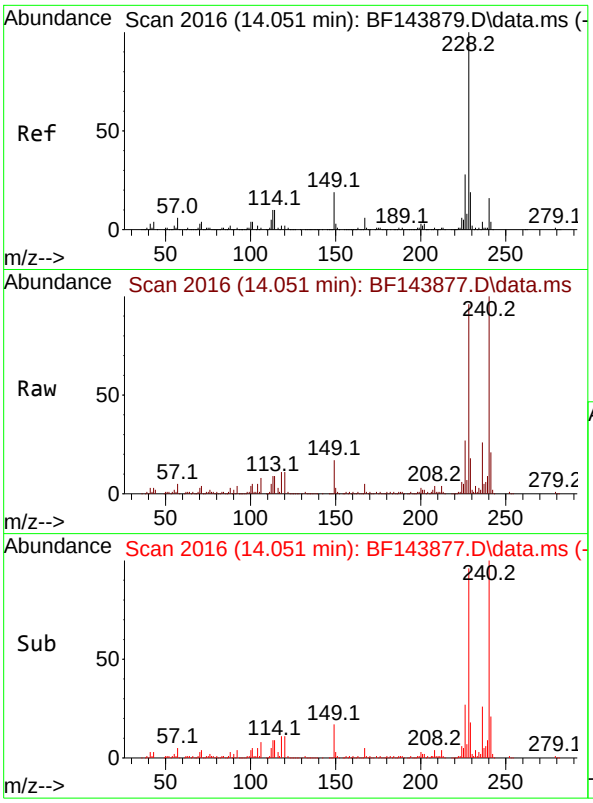


#80
Butylbenzylphthalate
Concen: 9.296 ng
RT: 13.480 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:149 Resp: 92241

Ion	Ratio	Lower	Upper
149	100		
91	70.3	58.2	87.2
206	23.8	17.9	26.9



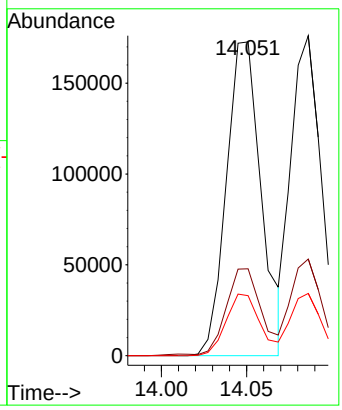


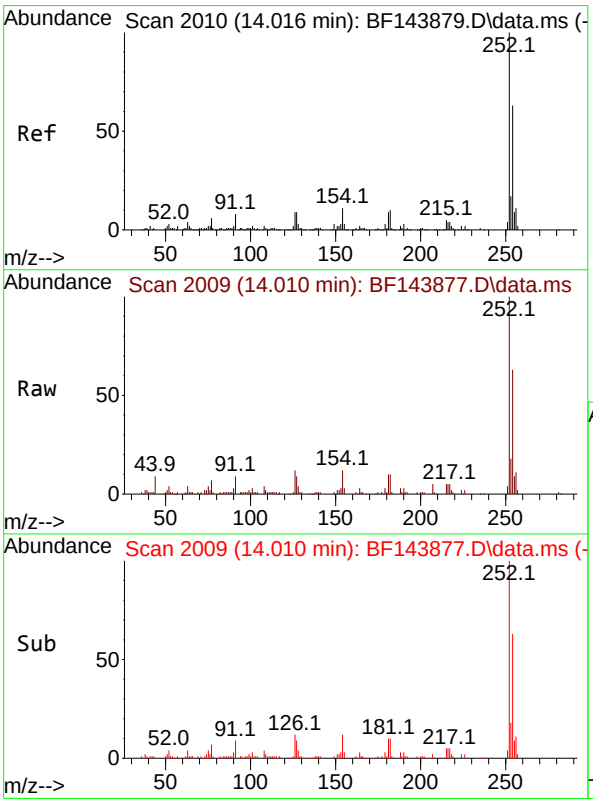
#81
Benzo(a)anthracene
Concen: 10.293 ng
RT: 14.051 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 246871

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.2	33.2
229	19.1	15.6	23.4

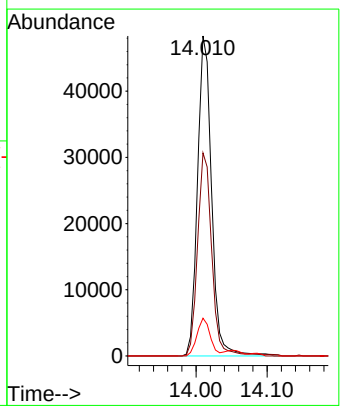


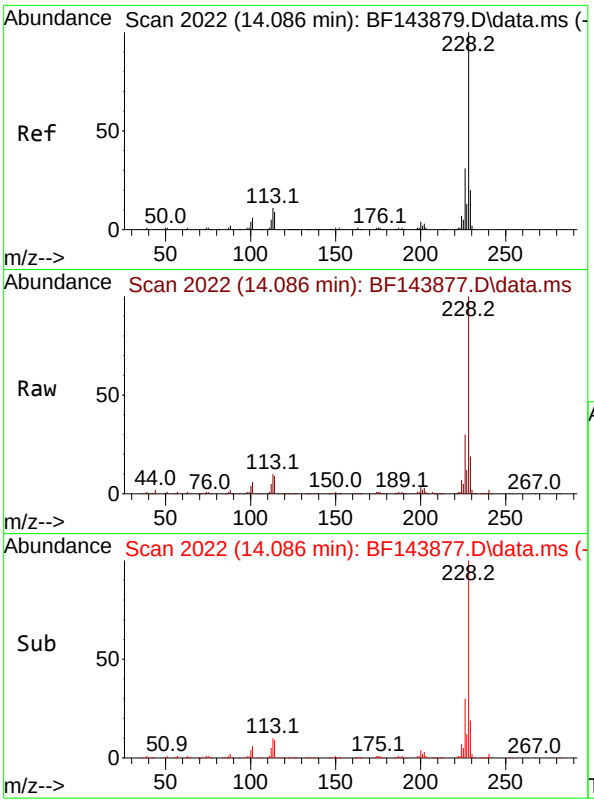


#82
3,3'-Dichlorobenzidine
Concen: 9.129 ng
RT: 14.010 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:252 Resp: 66722

Ion	Ratio	Lower	Upper
252	100		
254	63.4	50.6	76.0
126	11.8	7.0	10.6#



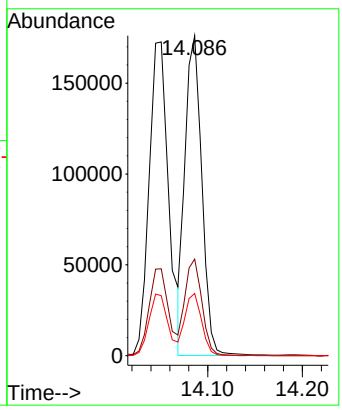


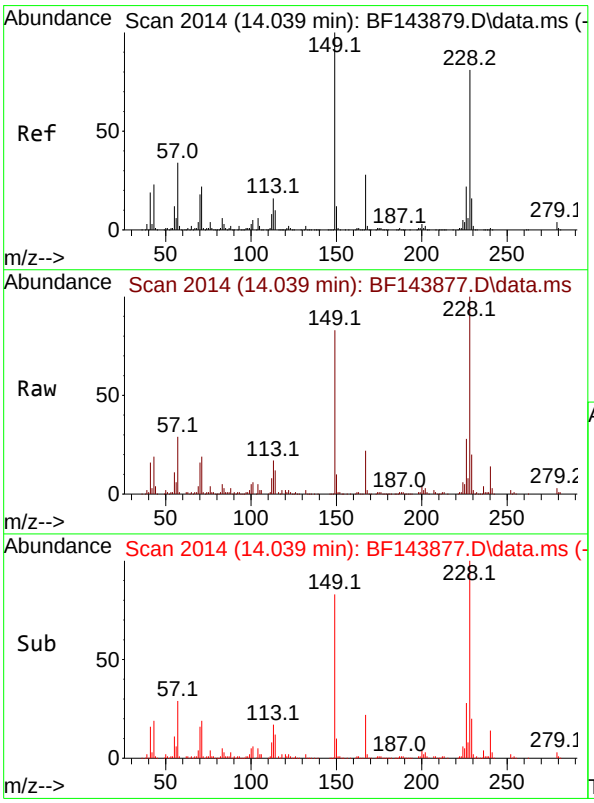
#83
Chrysene
Concen: 9.809 ng
RT: 14.086 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 217741

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.4	36.6
229	19.5	15.9	23.9

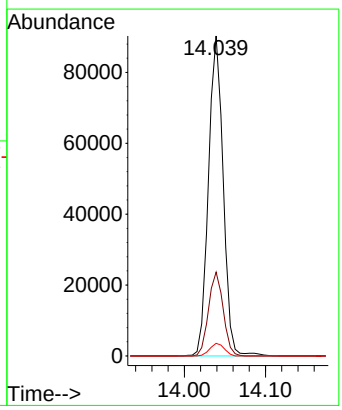


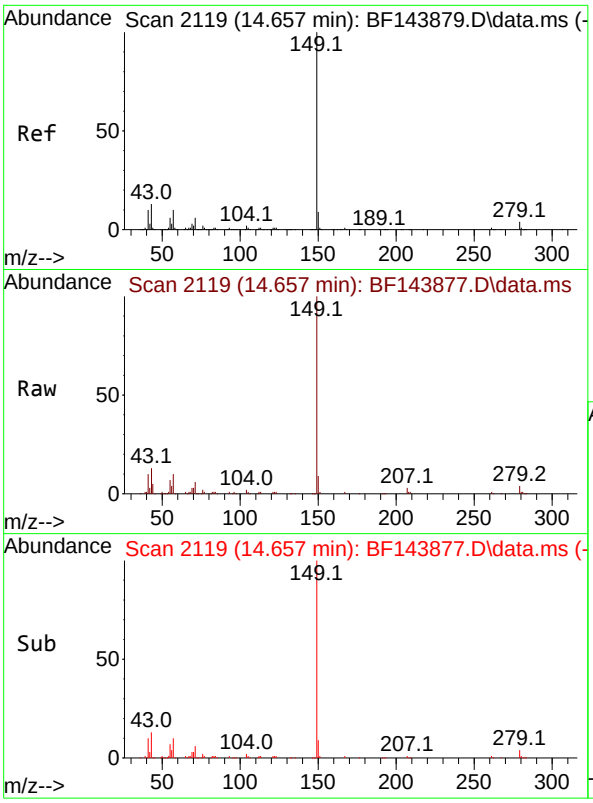


#84
Bis(2-ethylhexyl)phthalate
Concen: 9.483 ng
RT: 14.039 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:149 Resp: 113431

Ion	Ratio	Lower	Upper
149	100		
167	26.2	22.2	33.4
279	3.9	3.1	4.7



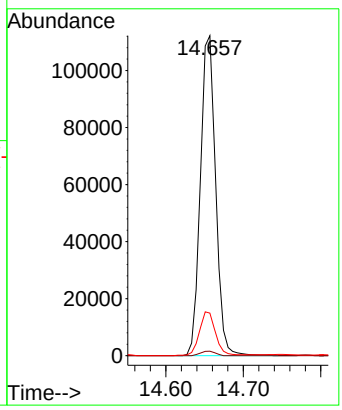


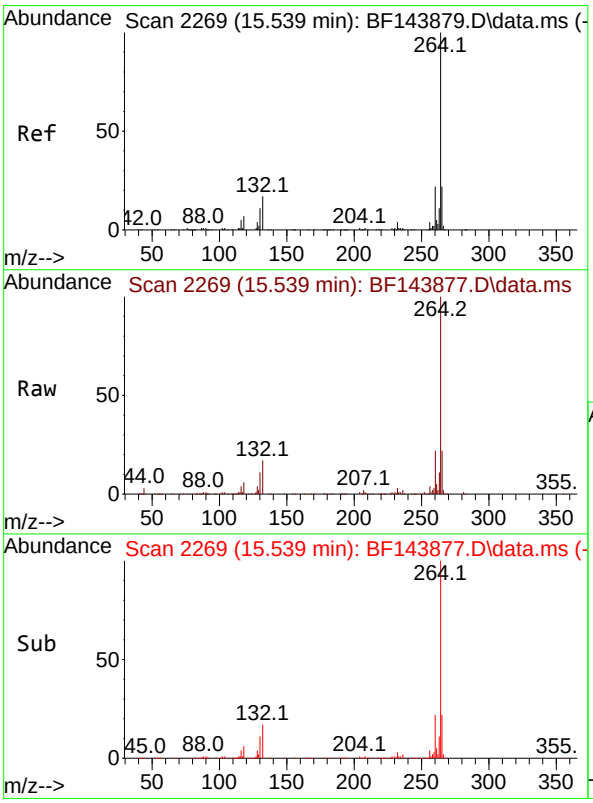
#85
Di-n-octyl phthalate
Concen: 7.810 ng
RT: 14.657 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:149 Resp: 153434

Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.1	1.7
43	14.8	11.0	16.4

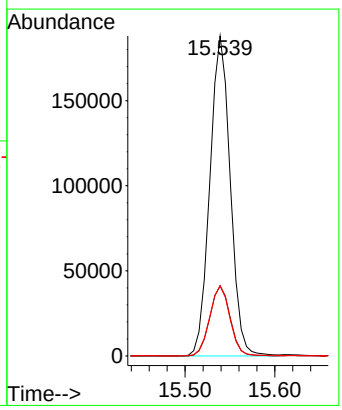


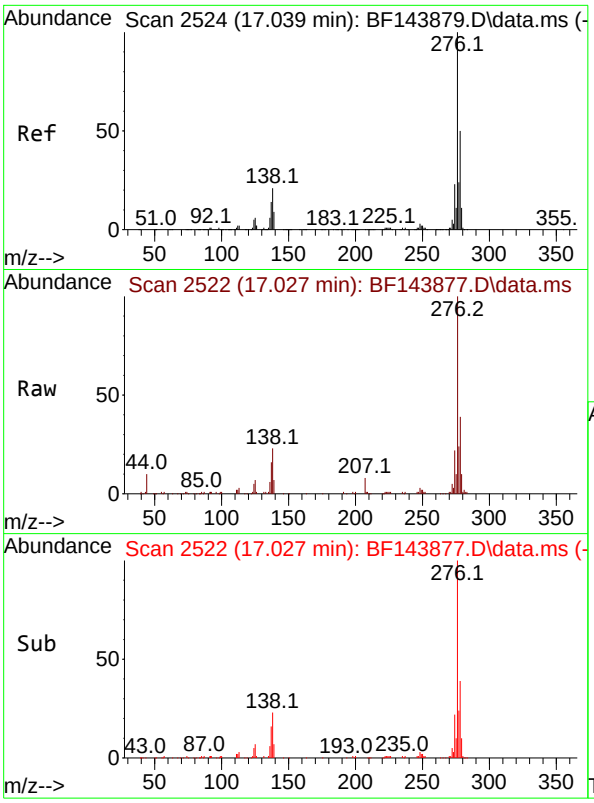


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:264 Resp: 297391

Ion	Ratio	Lower	Upper
264	100		
260	22.0	17.8	26.8
265	21.9	17.5	26.3



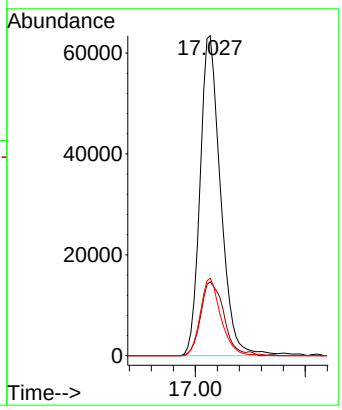


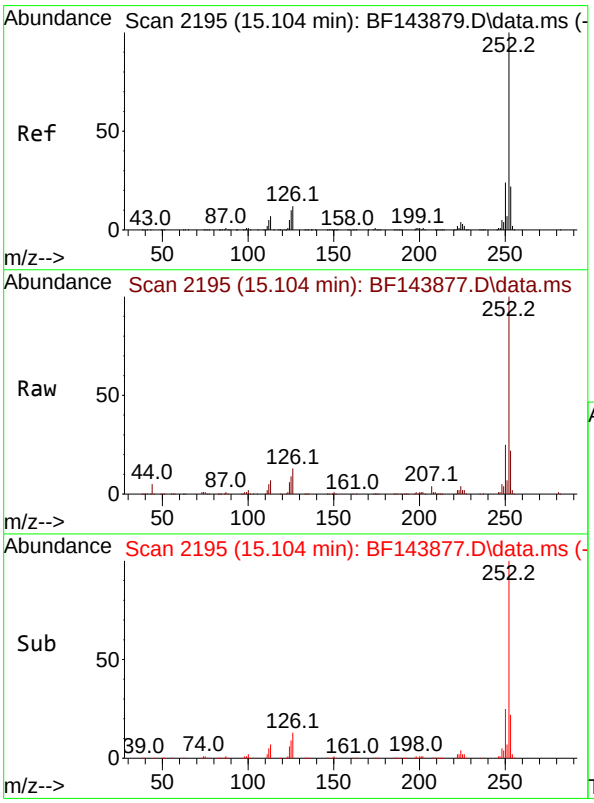
#87
Indeno(1,2,3-cd)pyrene
Concen: 9.011 ng
RT: 17.027 min Scan# 2
Delta R.T. -0.029 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:276 Resp: 164200

Ion	Ratio	Lower	Upper
276	100		
138	26.2	18.2	27.2
277	24.1	19.8	29.6

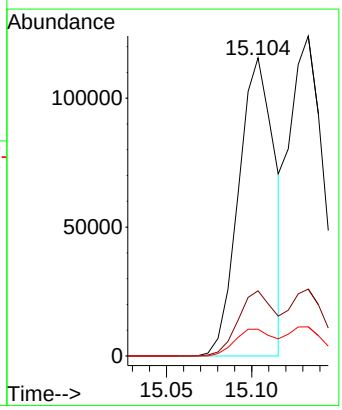


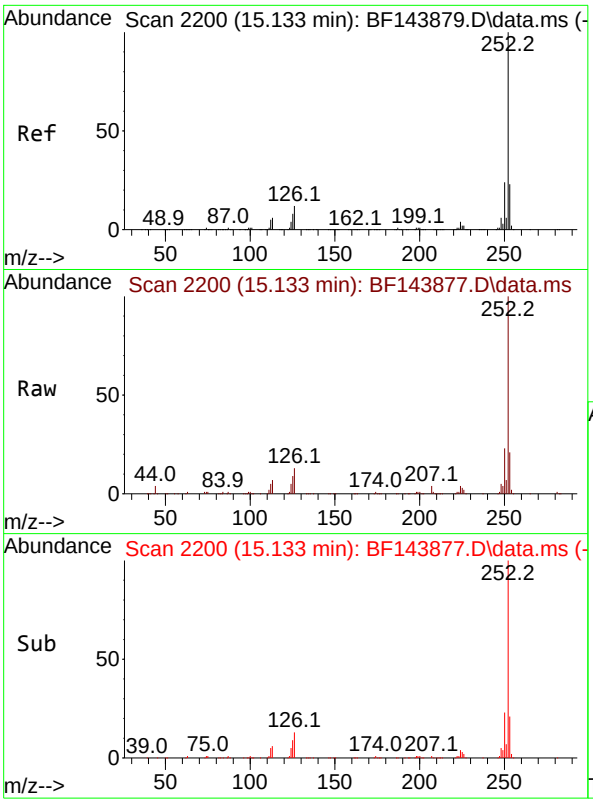


#88
Benzo(b)fluoranthene
Concen: 9.901 ng
RT: 15.104 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:252 Resp: 169146

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	9.0	7.8	11.6



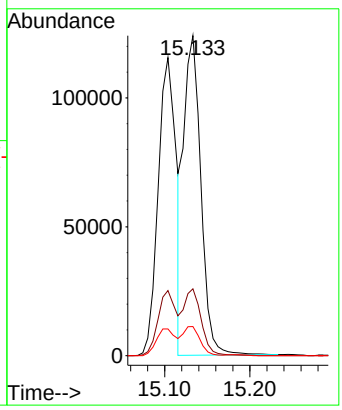


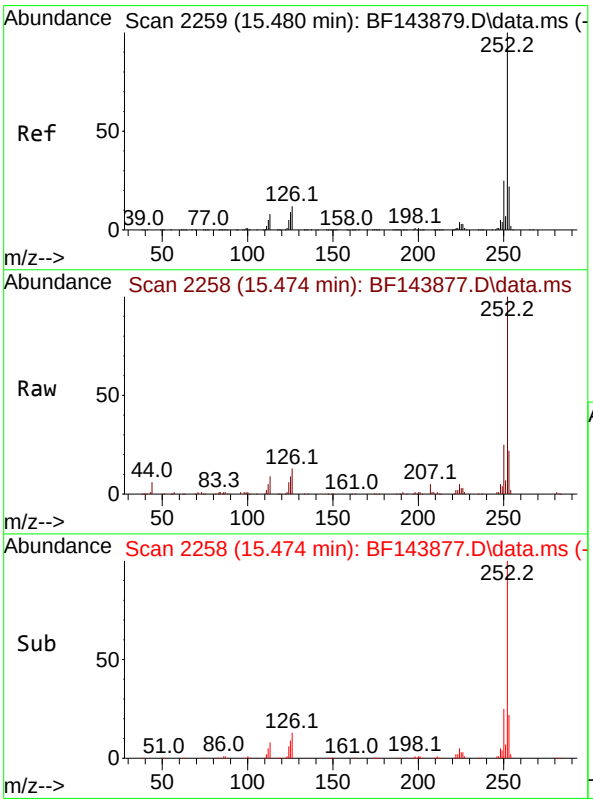
#89
Benzo(k)fluoranthene
Concen: 11.032 ng
RT: 15.133 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 174390

Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.8	26.8
125	9.1	7.4	11.2

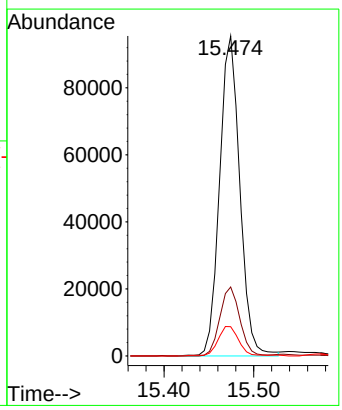


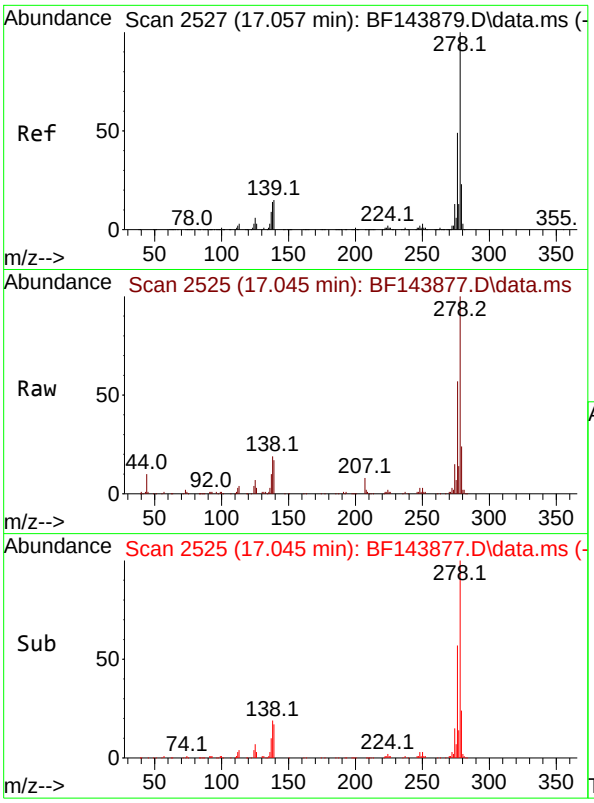


#90
Benzo(a)pyrene
Concen: 10.096 ng
RT: 15.474 min Scan# 2258
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:252 Resp: 149543

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.3	25.9
125	9.2	7.0	10.4



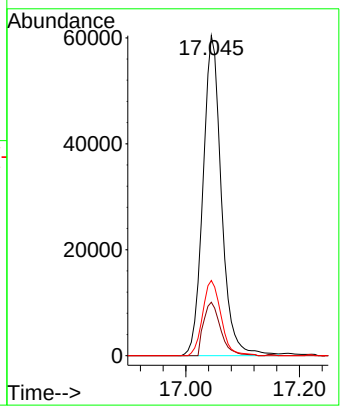


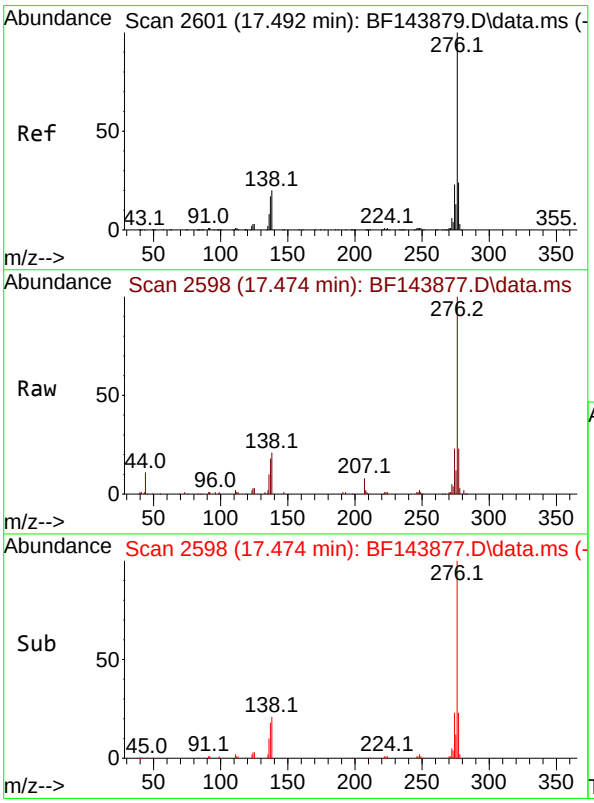
#91
Dibenzo(a,h)anthracene
Concen: 9.279 ng
RT: 17.045 min Scan# 2
Delta R.T. -0.035 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:278 Resp: 135992

Ion	Ratio	Lower	Upper
278	100		
139	16.7	11.7	17.5
279	23.5	18.4	27.6

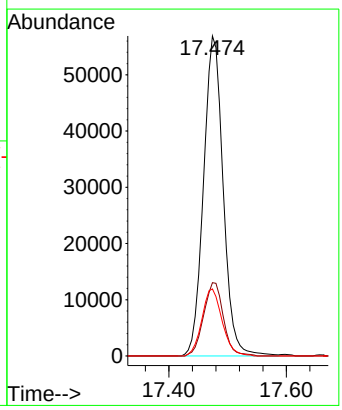




#92
Benzo(g,h,i)perylene
Concen: 9.012 ng
RT: 17.474 min Scan# 2598
Delta R.T. -0.041 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:276 Resp: 132076

Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.0	28.6
138	21.0	16.1	24.1



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143878.D
Acq On : 06 Oct 2025 11:56
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Oct 06 15:38:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	144072	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	561772	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	311297	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	536961	20.000	ng		0.00
76) Chrysene-d12	14.063	240	346764	20.000	ng		0.00
86) Perylene-d12	15.539	264	314616	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	389641	42.947	ng		0.00
7) Phenol-d6	6.498	99	461437	42.670	ng		-0.02
23) Nitrobenzene-d5	7.439	82	389584	42.133	ng		-0.02
42) 2,4,6-Tribromophenol	10.710	330	130577	42.114	ng		-0.01
45) 2-Fluorobiphenyl	9.239	172	831185	42.367	ng		-0.01
79) Terphenyl-d14	12.998	244	881486	43.445	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.646	88	86079	20.503	ng		97
3) Pyridine	3.410	79	251988	20.618	ng		99
4) n-Nitrosodimethylamine	3.346	42	128915	20.051	ng		96
6) Aniline	6.540	93	340202	20.994	ng		99
8) 2-Chlorophenol	6.663	128	183611	20.704	ng		99
9) Benzaldehyde	6.434	77	147781	17.715	ng		99
10) Phenol	6.510	94	293677	22.715	ng		97
11) bis(2-Chloroethyl)ether	6.616	93	211296	21.157	ng		100
12) 1,3-Dichlorobenzene	6.822	146	228938	21.566	ng		98
13) 1,4-Dichlorobenzene	6.898	146	225703	21.554	ng		99
14) 1,2-Dichlorobenzene	7.051	146	216196	21.555	ng		98
15) Benzyl Alcohol	7.016	79	164008	20.241	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	471598	20.745	ng		100
17) 2-Methylphenol	7.128	107	151099	20.616	ng		99
18) Hexachloroethane	7.398	117	74147	21.232	ng		97
19) n-Nitroso-di-n-propyla...	7.287	70	151838	20.512	ng		99
20) 3+4-Methylphenols	7.281	107	193273	22.753	ng	#	86
22) Acetophenone	7.287	105	259382	21.837	ng		100
24) Nitrobenzene	7.463	77	218497	21.279	ng		100
25) Isophorone	7.698	82	397606	20.393	ng		99
26) 2-Nitrophenol	7.781	139	91336	20.747	ng		96
27) 2,4-Dimethylphenol	7.810	122	163783	20.682	ng		98
28) bis(2-Chloroethoxy)met...	7.910	93	260252	21.131	ng		98
29) 2,4-Dichlorophenol	8.016	162	175934	21.328	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	172265	21.234	ng		98
31) Naphthalene	8.186	128	545971	21.365	ng		99
32) Benzoic acid	7.892	122	87725	16.006	ng		95
33) 4-Chloroaniline	8.233	127	200545	20.924	ng		98
34) Hexachlorobutadiene	8.304	225	118056	20.941	ng		98
35) Caprolactam	8.586	113	51159	19.505	ng		97
36) 4-Chloro-3-methylphenol	8.704	107	162629	20.524	ng		97
37) 2-Methylnaphthalene	8.875	142	367401	21.583	ng		99
38) 1-Methylnaphthalene	8.975	142	353459	21.407	ng		97
40) 1,2,4,5-Tetrachloroben...	9.045	216	185181	21.523	ng		98
41) Hexachlorocyclopentadiene	9.033	237	67128	18.807	ng		98
43) 2,4,6-Trichlorophenol	9.151	196	132747	21.116	ng		98

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143878.D
Acq On : 06 Oct 2025 11:56
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Oct 06 15:38:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

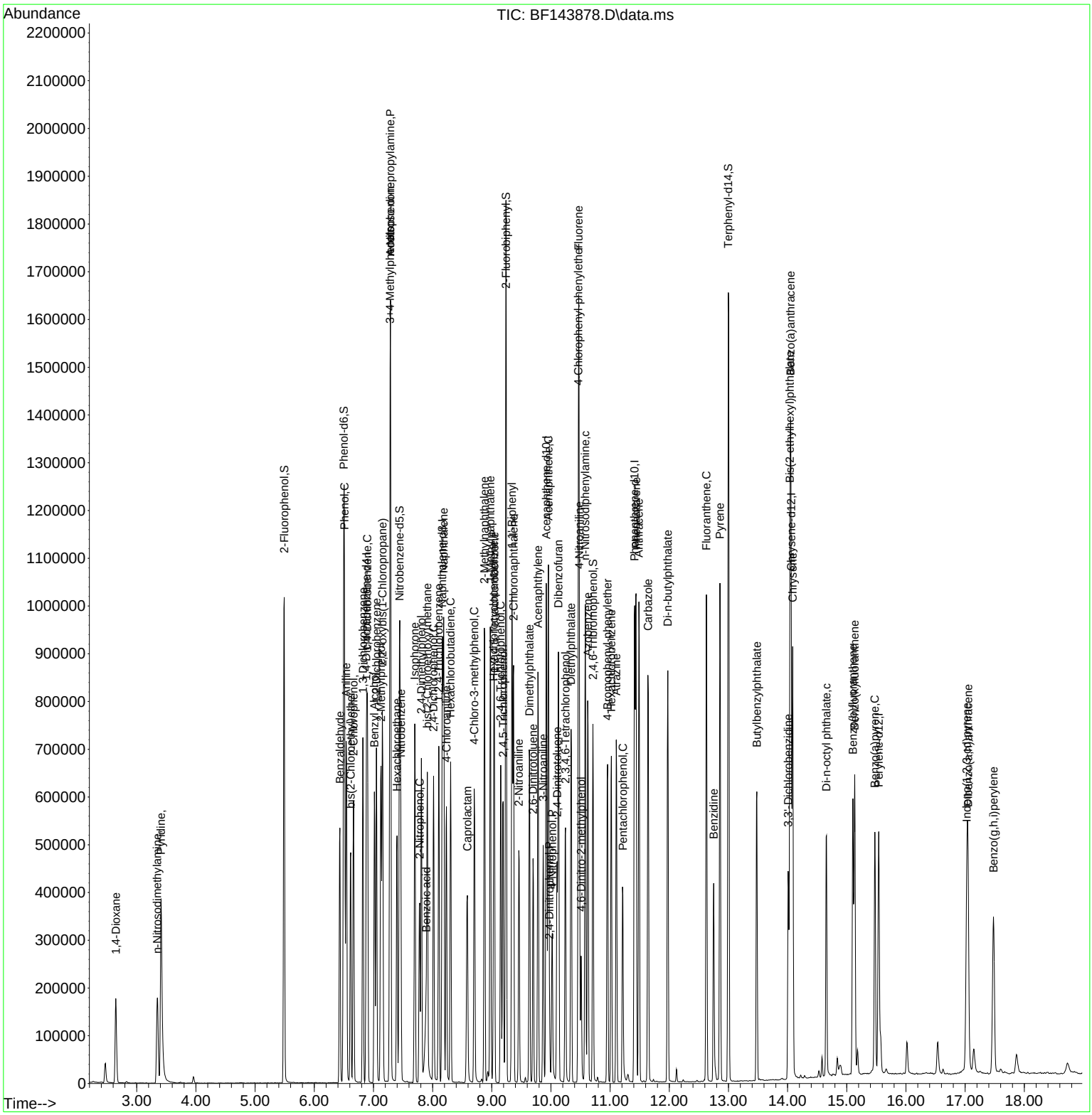
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	143043	21.532	ng		98
46) 1,1'-Biphenyl	9.339	154	450706	21.868	ng		100
47) 2-Chloronaphthalene	9.369	162	372531	21.679	ng		96
48) 2-Nitroaniline	9.457	65	115519	21.263	ng		98
49) Acenaphthylene	9.780	152	512980	21.234	ng		100
50) Dimethylphthalate	9.639	163	415359	21.011	ng		100
51) 2,6-Dinitrotoluene	9.698	165	76360	20.831	ng		96
52) Acenaphthene	9.957	154	341066	21.545	ng		99
53) 3-Nitroaniline	9.869	138	95127	21.194	ng		99
54) 2,4-Dinitrophenol	9.975	184	29199	18.734	ng	#	67
55) Dibenzofuran	10.128	168	489250	21.894	ng		98
56) 4-Nitrophenol	10.022	139	66930	19.694	ng		97
57) 2,4-Dinitrotoluene	10.104	165	106136	21.280	ng		99
58) Fluorene	10.469	166	365206	21.659	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	98138	20.869	ng		99
60) Diethylphthalate	10.339	149	396233	21.575	ng		100
61) 4-Chlorophenyl-phenyle...	10.463	204	194875	21.860	ng		97
62) 4-Nitroaniline	10.480	138	88594	20.526	ng		98
63) Azobenzene	10.622	77	407261	21.218	ng		99
65) 4,6-Dinitro-2-methylph...	10.510	198	49405	18.309	ng		100
66) n-Nitrosodiphenylamine	10.580	169	362217	21.484	ng		98
67) 4-Bromophenyl-phenylether	10.957	248	123882	20.876	ng		98
68) Hexachlorobenzene	11.022	284	141316	20.570	ng		99
69) Atrazine	11.104	200	114492	22.405	ng		99
70) Pentachlorophenol	11.216	266	81624	20.687	ng		95
71) Phenanthrene	11.439	178	572157	21.979	ng		98
72) Anthracene	11.486	178	567724	21.588	ng		100
73) Carbazole	11.639	167	504282	21.651	ng		99
74) Di-n-butylphthalate	11.974	149	595140	22.047	ng		99
75) Fluoranthene	12.627	202	587348	21.843	ng		98
77) Benzidine	12.751	184	249358	20.710	ng		97
78) Pyrene	12.857	202	613300	21.215	ng		99
80) Butylbenzylphthalate	13.480	149	200832	21.391	ng		97
81) Benzo(a)anthracene	14.051	228	469566	20.693	ng		100
82) 3,3'-Dichlorobenzidine	14.010	252	139822	20.219	ng	#	96
83) Chrysene	14.086	228	439378	20.920	ng		99
84) Bis(2-ethylhexyl)phtha...	14.039	149	238132	21.041	ng		100
85) Di-n-octyl phthalate	14.657	149	349721	18.814	ng		100
87) Indeno(1,2,3-cd)pyrene	17.027	276	384441	19.942	ng		97
88) Benzo(b)fluoranthene	15.104	252	355882	19.692	ng		99
89) Benzo(k)fluoranthene	15.133	252	386399	23.106	ng		98
90) Benzo(a)pyrene	15.474	252	326291	20.822	ng		98
91) Dibenzo(a,h)anthracene	17.051	278	319216	20.589	ng		99
92) Benzo(g,h,i)perylene	17.480	276	309120	19.937	ng		98

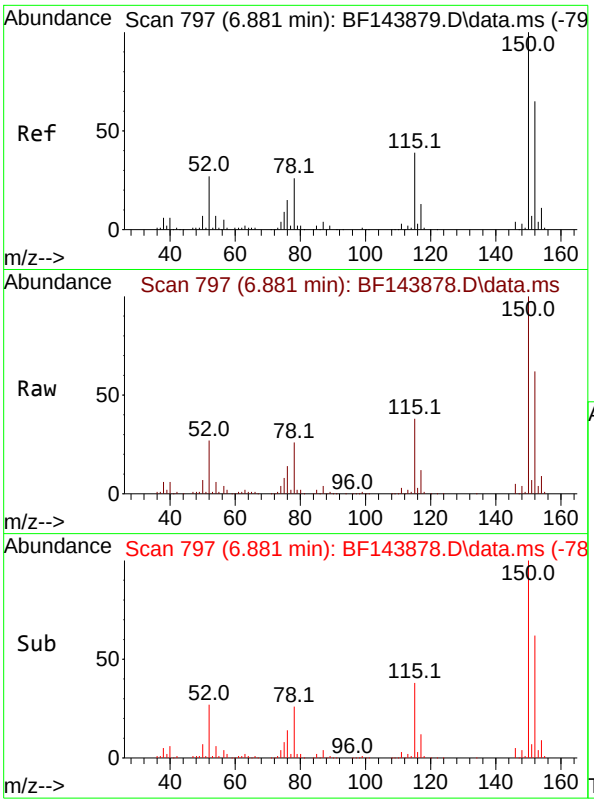
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143878.D
Acq On : 06 Oct 2025 11:56
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Oct 06 15:38:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration



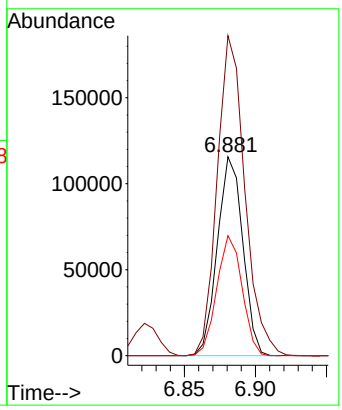


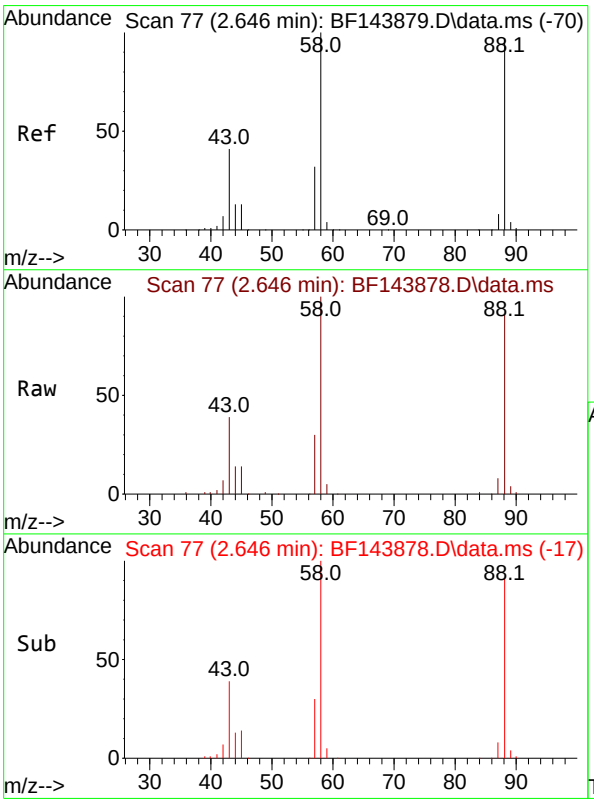
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 7
Delta R.T. -0.005 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:152 Resp: 144072

Ion	Ratio	Lower	Upper
152	100		
150	160.9	124.4	186.6
115	60.4	48.1	72.1

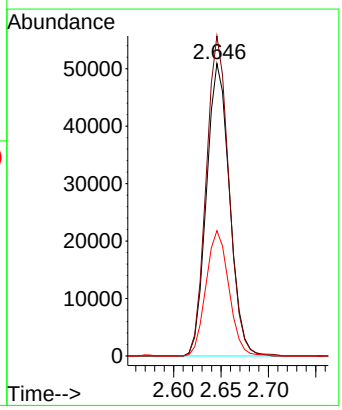


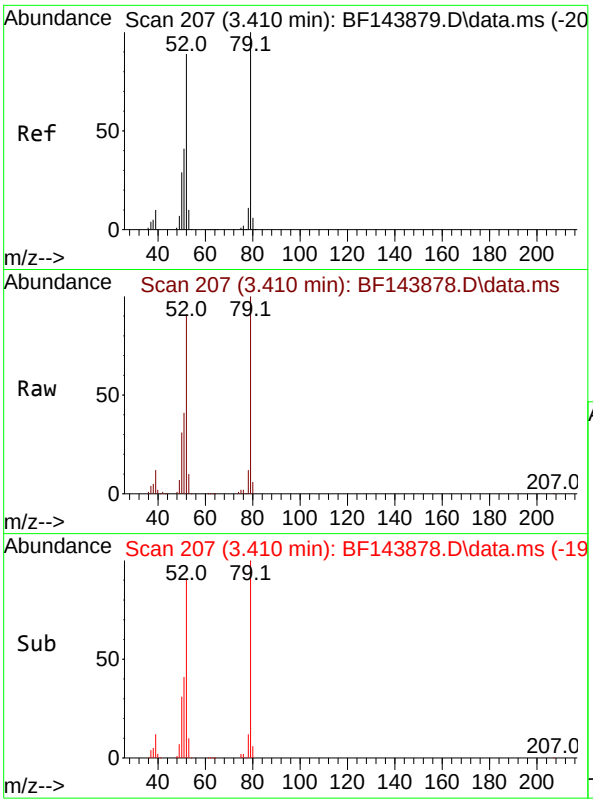


#2
1,4-Dioxane
Concen: 20.503 ng
RT: 2.646 min Scan# 77
Delta R.T. 0.000 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion: 88 Resp: 86079

Ion	Ratio	Lower	Upper
88	100		
58	107.3	83.0	124.6
43	42.6	33.9	50.9



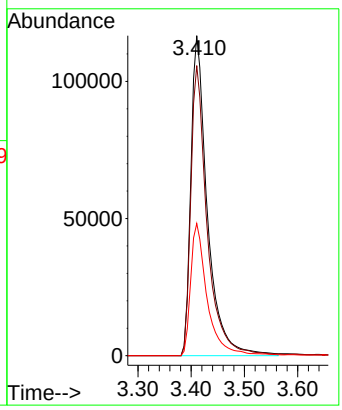


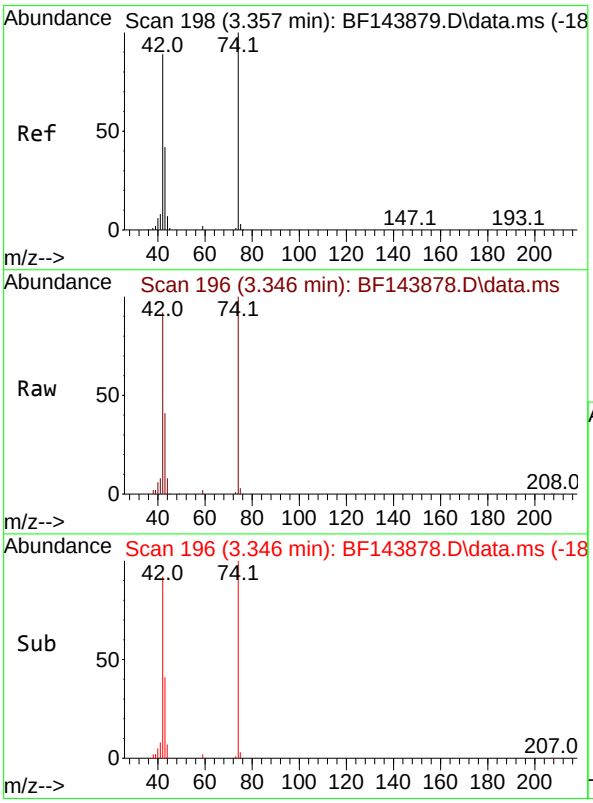
#3
Pyridine
Concen: 20.618 ng
RT: 3.410 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 251988

Ion	Ratio	Lower	Upper
79	100		
52	90.7	71.5	107.3
51	41.3	32.9	49.3

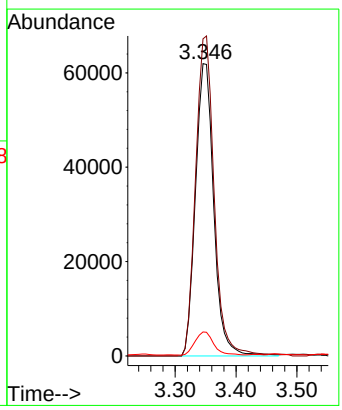


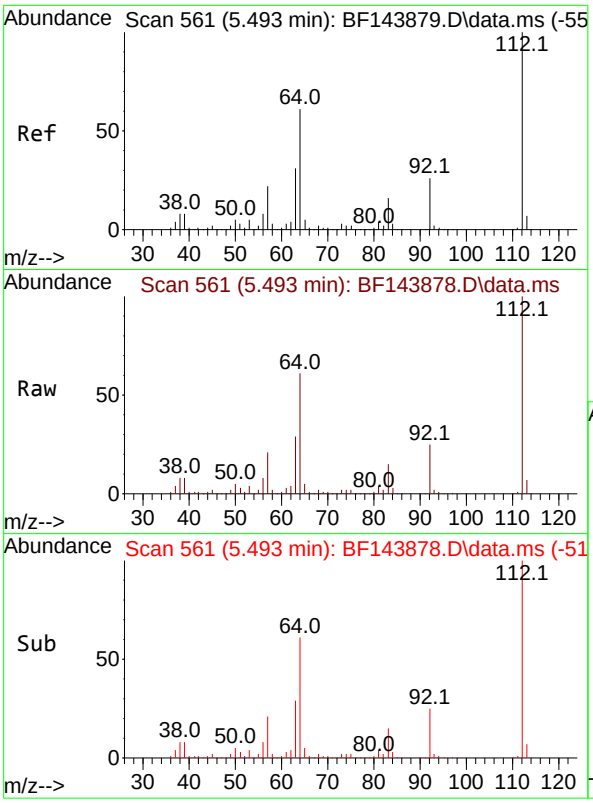


#4
n-Nitrosodimethylamine
Concen: 20.051 ng
RT: 3.346 min Scan# 196
Delta R.T. -0.041 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion: 42 Resp: 128915

Ion	Ratio	Lower	Upper
42	100		
74	108.5	90.0	135.0
44	8.2	6.2	9.2



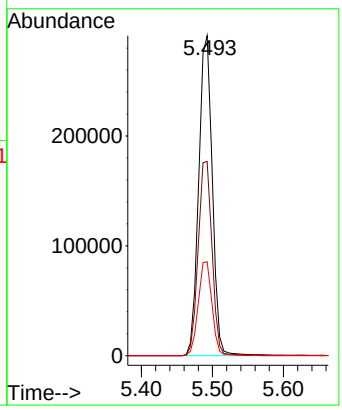


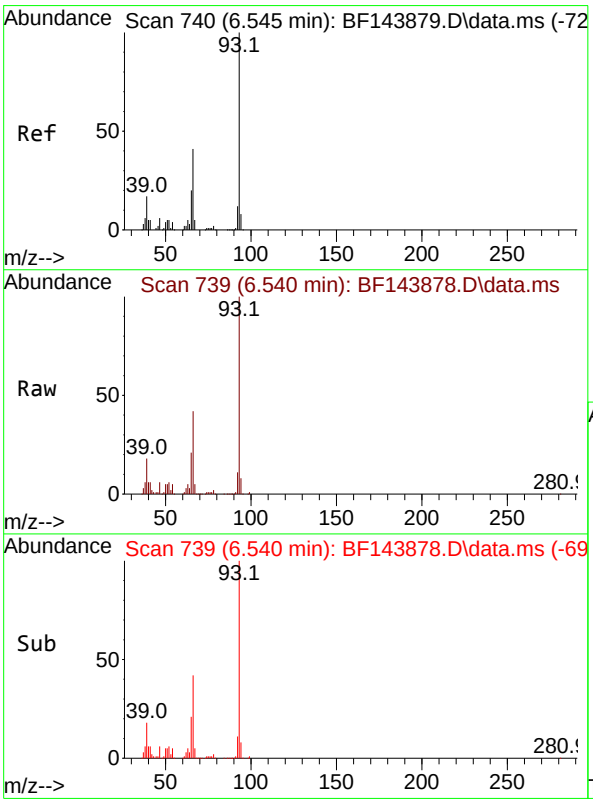
#5
2-Fluorophenol
Concen: 42.947 ng
RT: 5.493 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:112 Resp: 389641

Ion	Ratio	Lower	Upper
112	100		
64	60.7	49.1	73.7
63	29.3	24.5	36.7

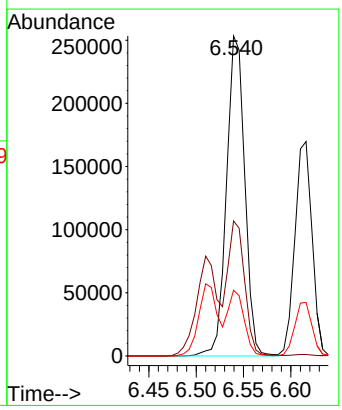


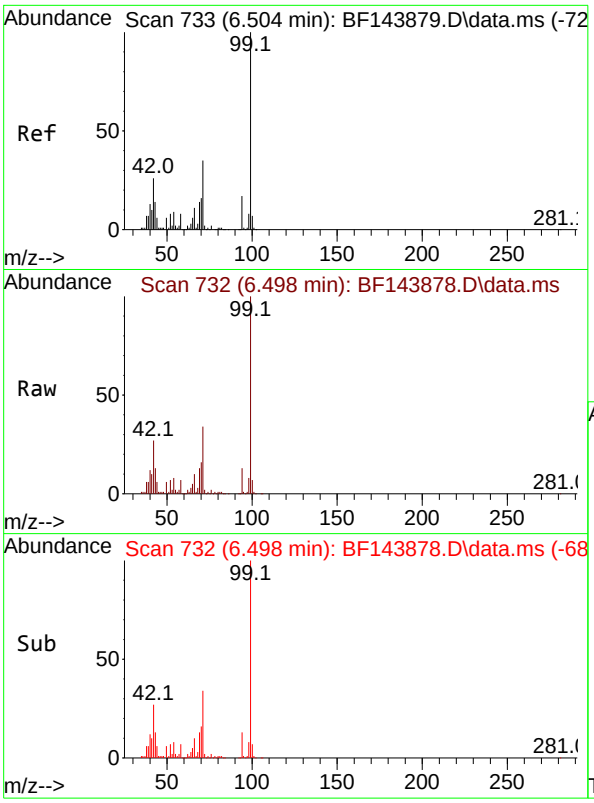


#6
Aniline
Concen: 20.994 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion: 93 Resp: 340202

Ion	Ratio	Lower	Upper
93	100		
66	42.2	33.0	49.6
65	20.6	15.8	23.8



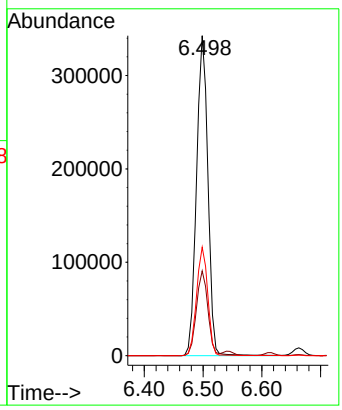


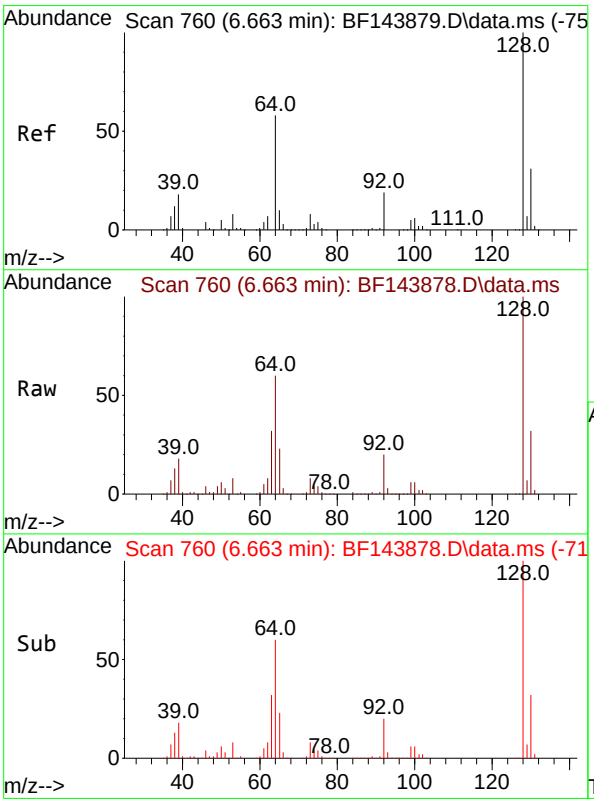
#7
Phenol-d6
Concen: 42.670 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 99 Resp: 461437

Ion	Ratio	Lower	Upper
99	100		
42	26.5	21.0	31.4
71	33.9	27.8	41.8

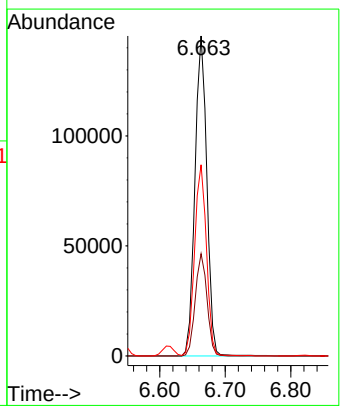


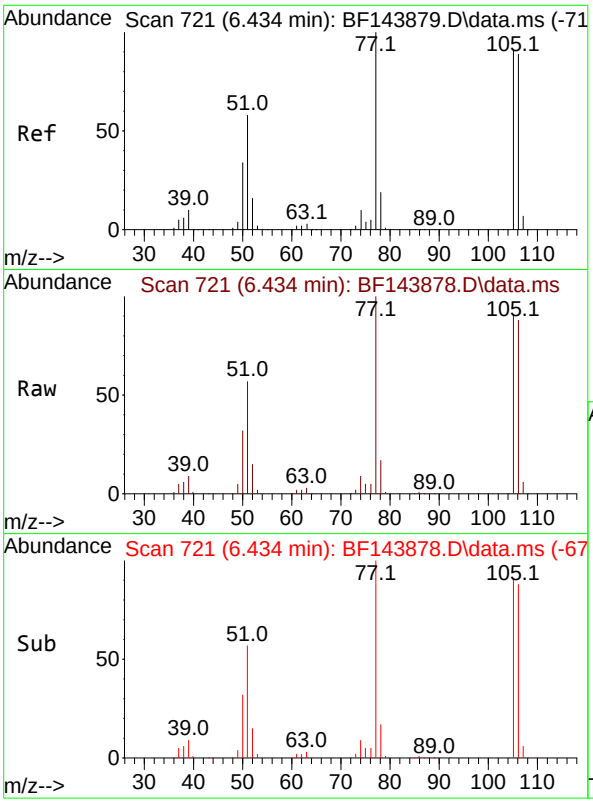


#8
2-Chlorophenol
Concen: 20.704 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:128 Resp: 183611

Ion	Ratio	Lower	Upper
128	100		
130	31.9	10.7	50.7
64	59.8	39.0	79.0



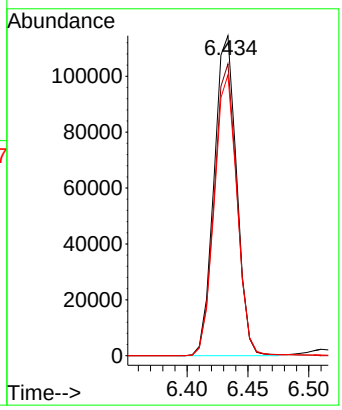


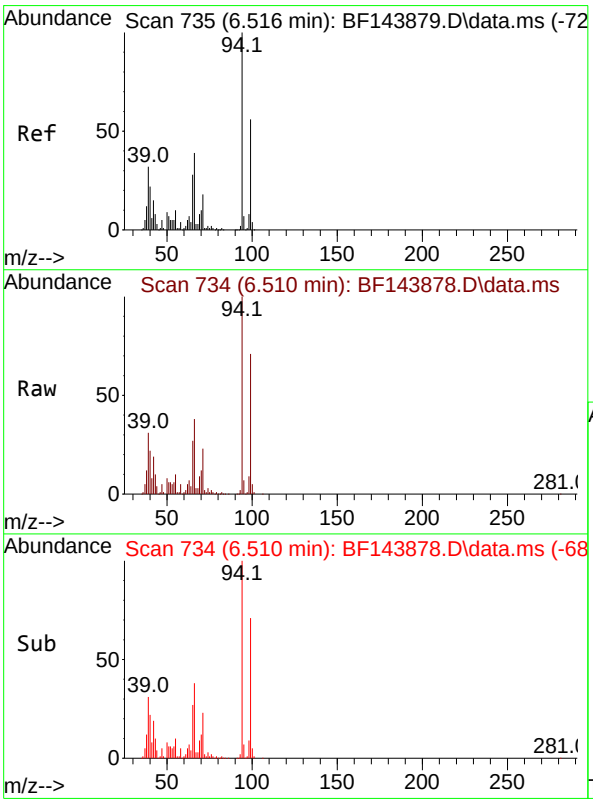
#9
Benzaldehyde
Concen: 17.715 ng
RT: 6.434 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 147781

Ion	Ratio	Lower	Upper
77	100		
105	91.2	70.9	110.9
106	87.8	68.9	108.9

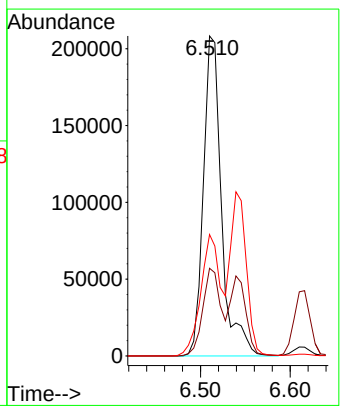


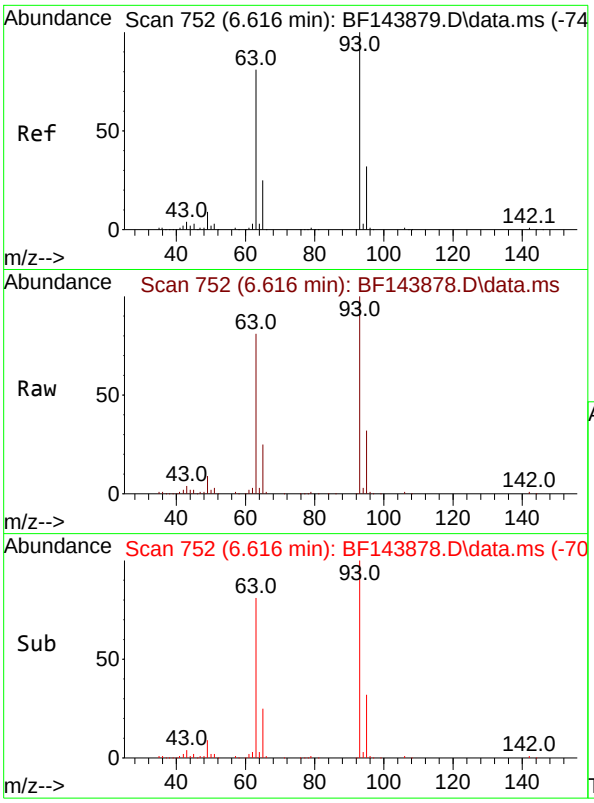


#10
Phenol
Concen: 22.715 ng
RT: 6.510 min Scan# 734
Delta R.T. -0.023 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion: 94 Resp: 293677

Ion	Ratio	Lower	Upper
94	100		
65	27.4	8.5	48.5
66	37.9	19.9	59.9



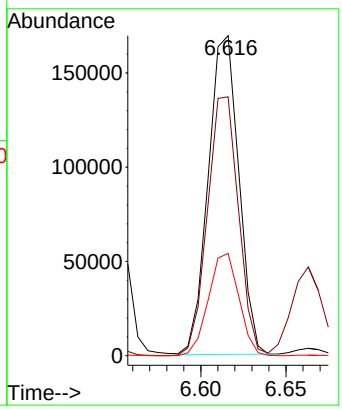


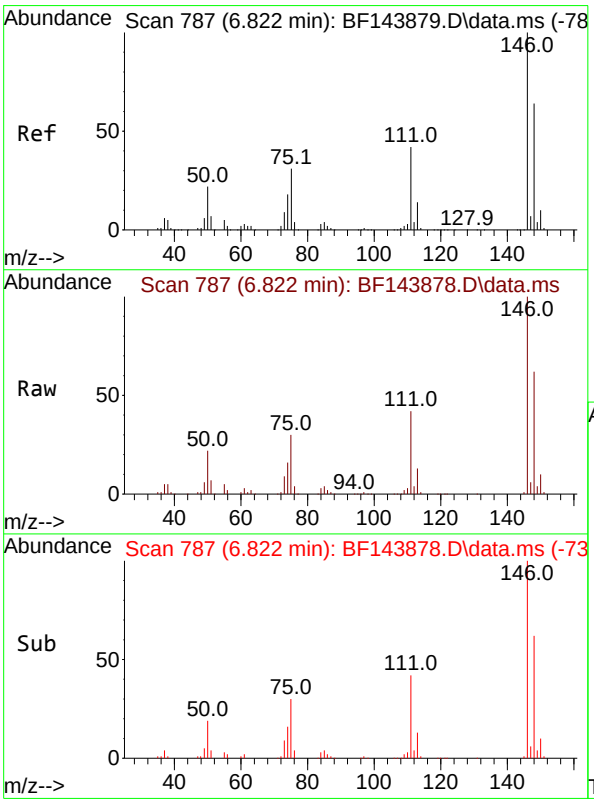
#11
bis(2-Chloroethyl)ether
Concen: 21.157 ng
RT: 6.616 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 93 Resp: 211296

Ion	Ratio	Lower	Upper
93	100		
63	80.9	60.9	100.9
95	31.9	11.5	51.5

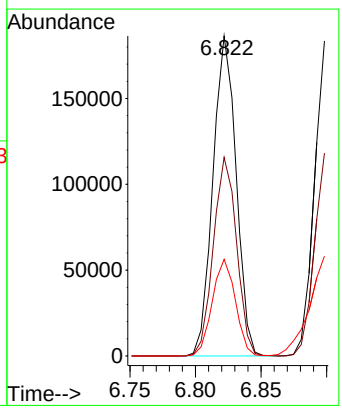


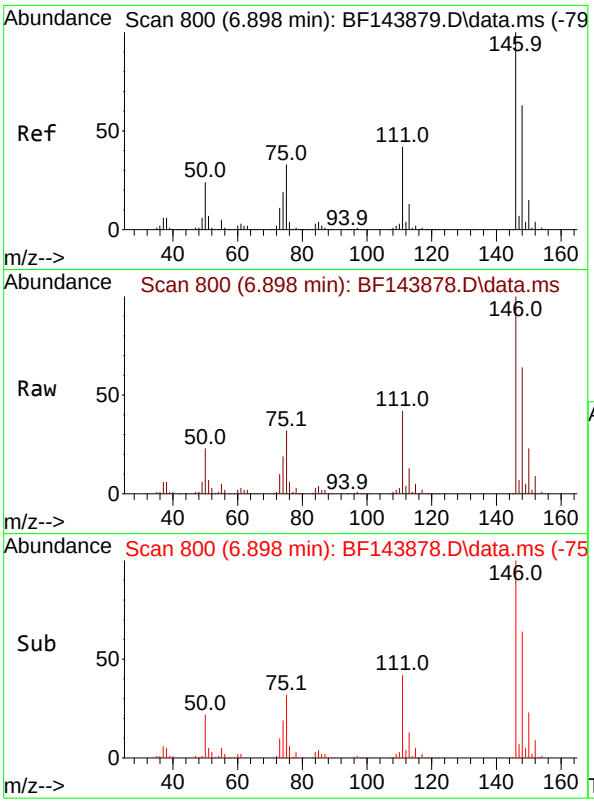


#12
1,3-Dichlorobenzene
Concen: 21.566 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:146 Resp: 228938

Ion	Ratio	Lower	Upper
146	100		
148	62.0	51.0	76.4
75	30.2	24.9	37.3



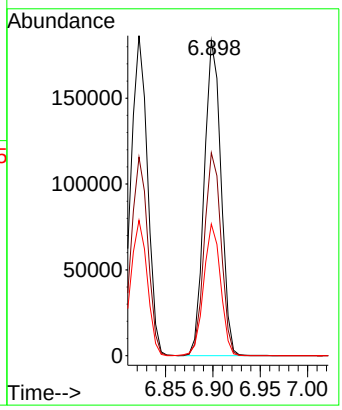


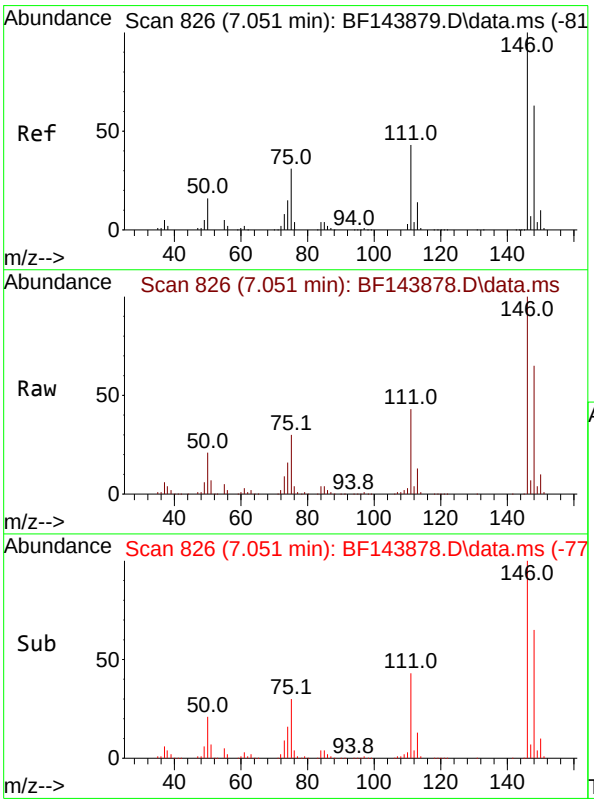
#13
1,4-Dichlorobenzene
Concen: 21.554 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:146 Resp: 225703

Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.5	75.7
111	41.8	33.4	50.0

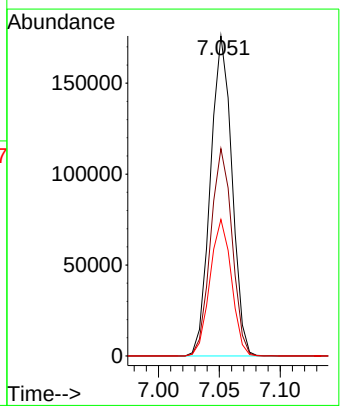


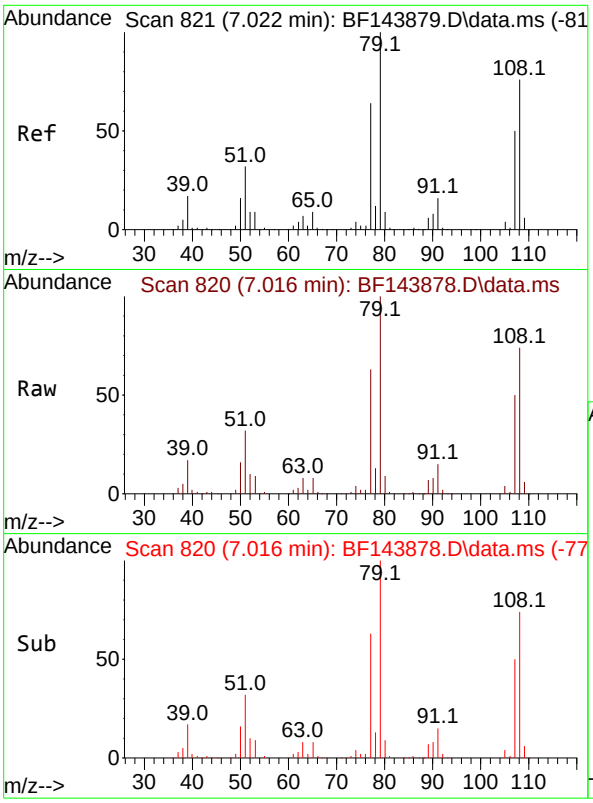


#14
1,2-Dichlorobenzene
Concen: 21.555 ng
RT: 7.051 min Scan# 826
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:146 Resp: 216196

Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.6	75.8
111	42.6	34.6	51.8



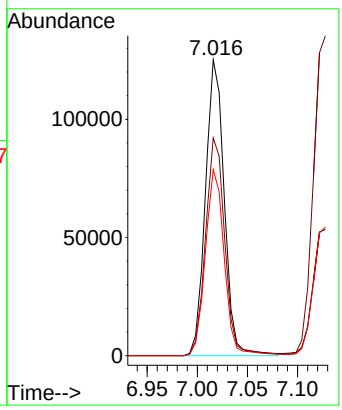


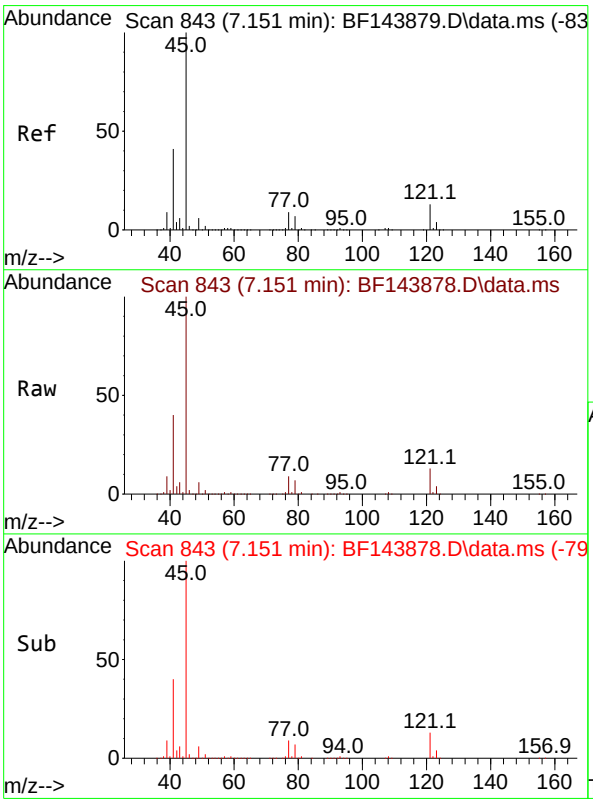
#15
Benzyl Alcohol
Concen: 20.241 ng
RT: 7.016 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 164008

Ion	Ratio	Lower	Upper
79	100		
108	73.6	60.8	91.2
77	62.9	51.0	76.6

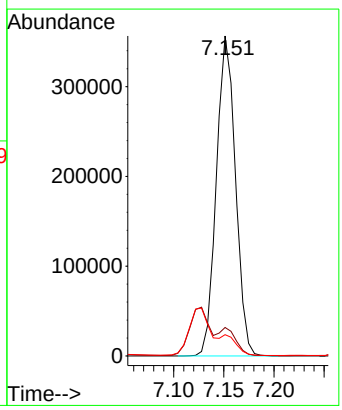


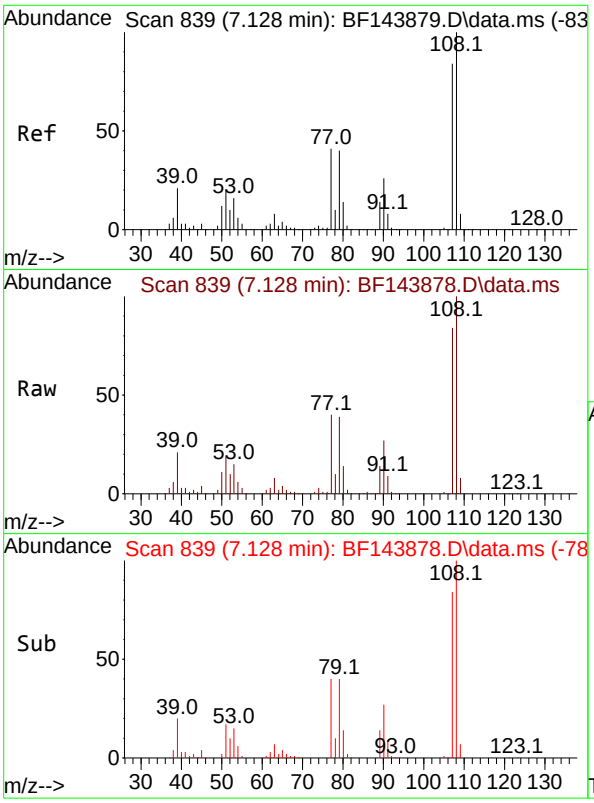


#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.745 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion: 45 Resp: 471598

Ion	Ratio	Lower	Upper
45	100		
77	8.9	0.0	29.0
79	6.7	0.0	26.8



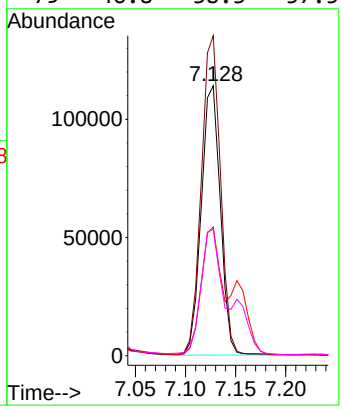


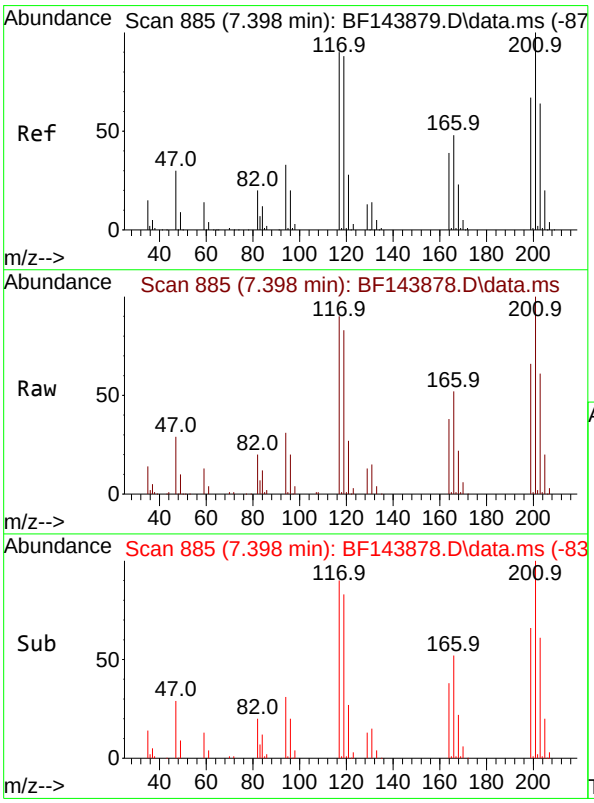
#17
2-Methylphenol
Concen: 20.616 ng
RT: 7.128 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:107 Resp: 151099

Ion	Ratio	Lower	Upper
107	100		
108	118.5	94.7	142.1
77	47.6	38.8	58.2
79	46.8	38.3	57.5

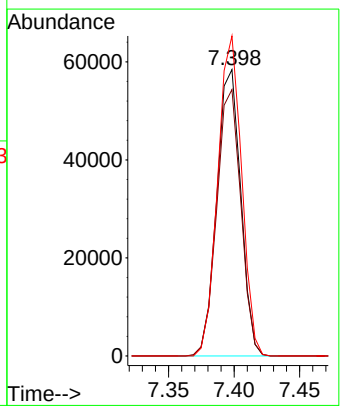


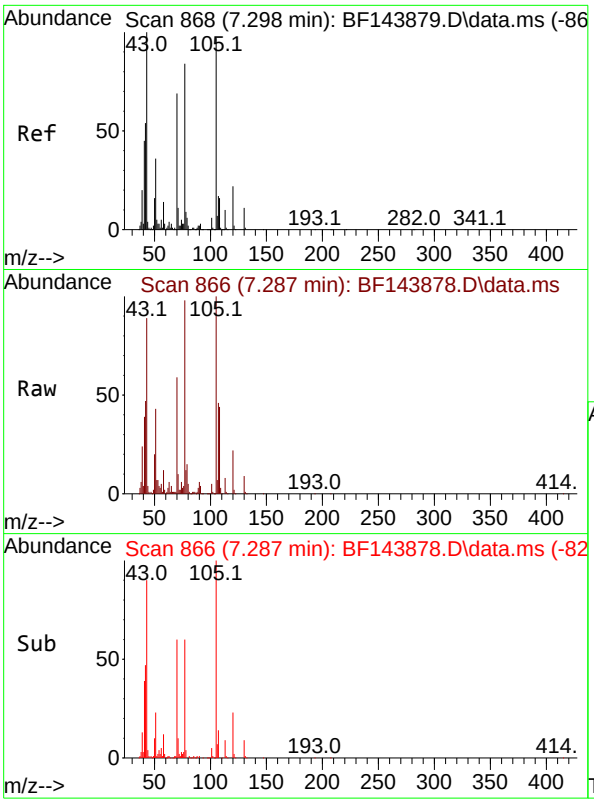


#18
Hexachloroethane
Concen: 21.232 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:117 Resp: 74147

Ion	Ratio	Lower	Upper
117	100		
119	93.0	77.8	116.8
201	111.7	88.5	132.7



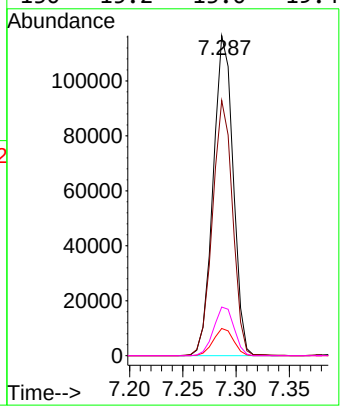


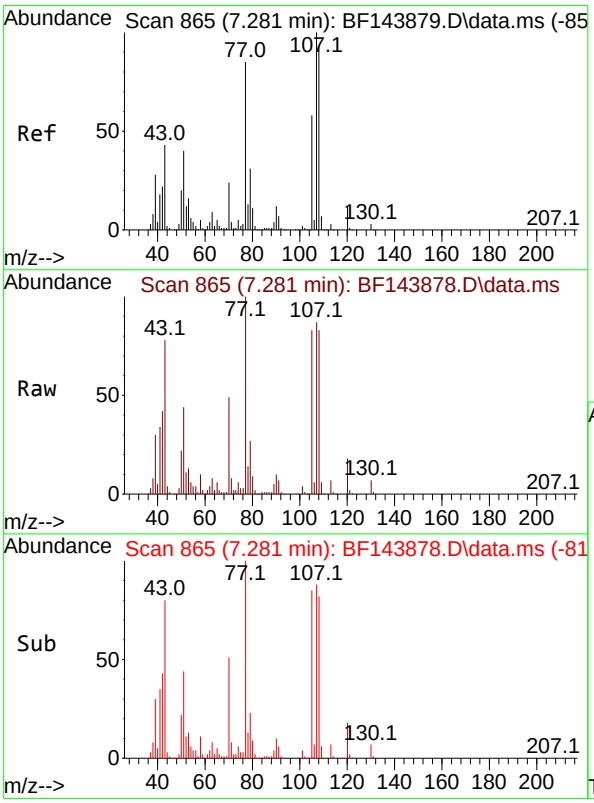
#19
n-Nitroso-di-n-propylamine
Concen: 20.512 ng
RT: 7.287 min Scan# 8
Delta R.T. -0.029 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 70 Resp: 151838

Ion	Ratio	Lower	Upper
70	100		
42	79.7	62.8	94.2
101	8.5	6.7	10.1
130	15.2	13.0	19.4

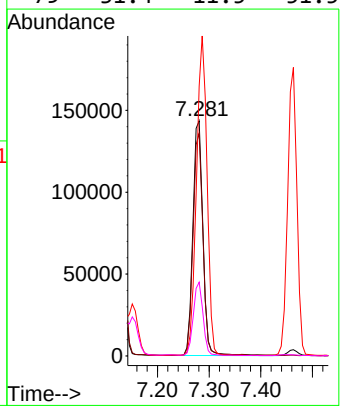


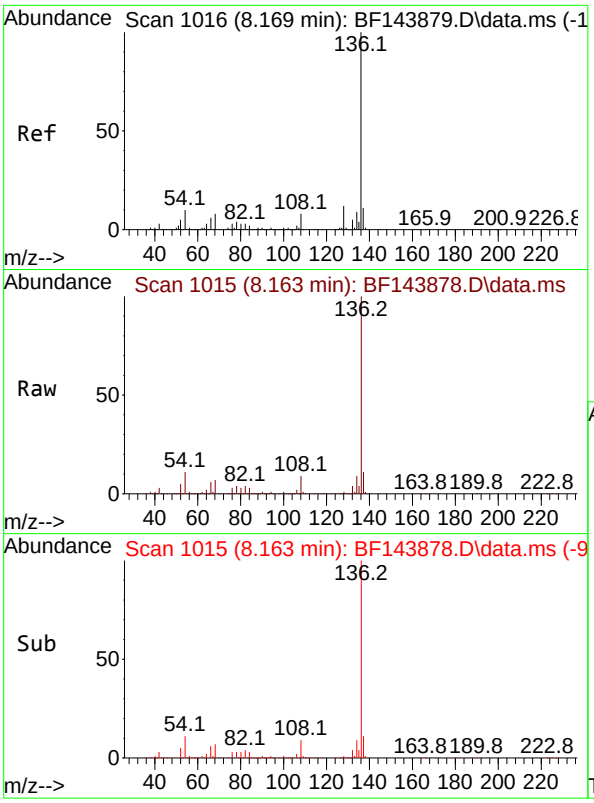


#20
3+4-Methylphenols
Concen: 22.753 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.018 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:107 Resp: 193273

Ion	Ratio	Lower	Upper
107	100		
108	94.8	73.0	113.0
77	114.7	64.6	104.6#
79	31.4	11.5	51.5



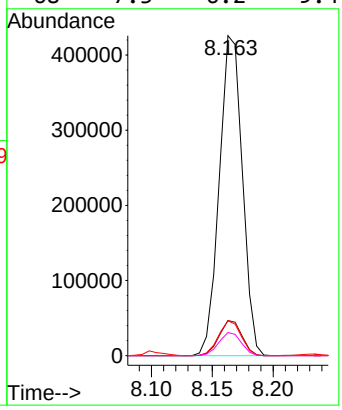


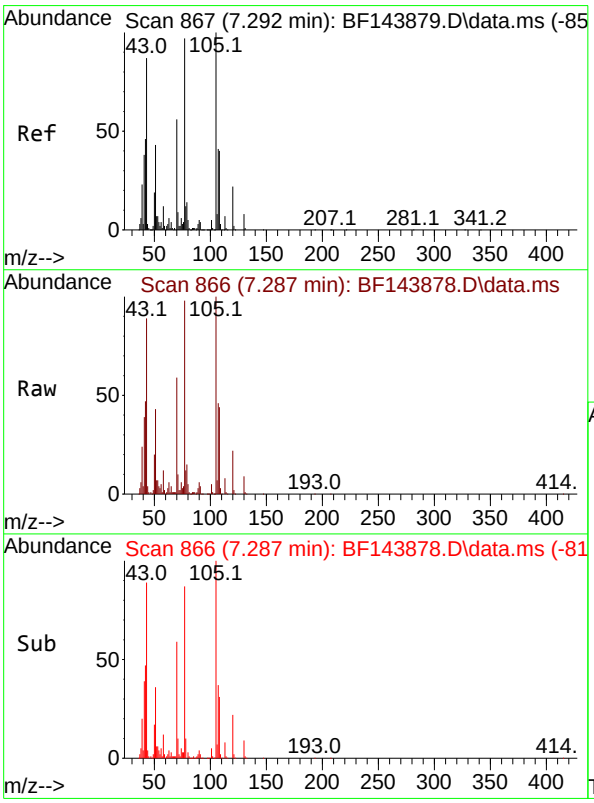
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:136 Resp: 561772

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	10.9	8.2	12.4
68	7.3	6.2	9.4

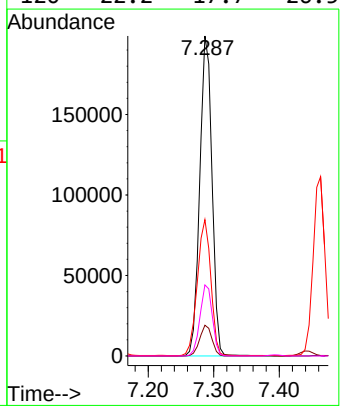


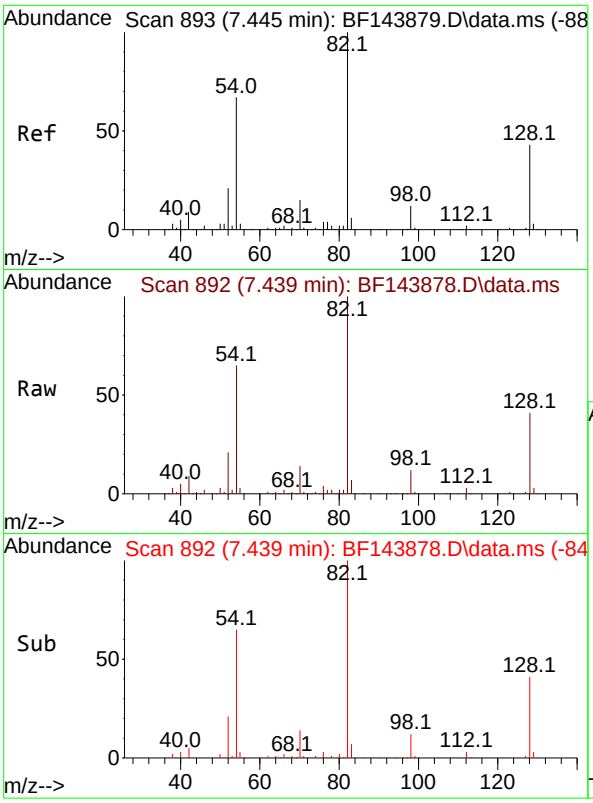


#22
Acetophenone
Concen: 21.837 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.018 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:105 Resp: 259382

Ion	Ratio	Lower	Upper
105	100		
71	9.6	7.4	11.0
51	42.6	34.2	51.4
120	22.2	17.7	26.5



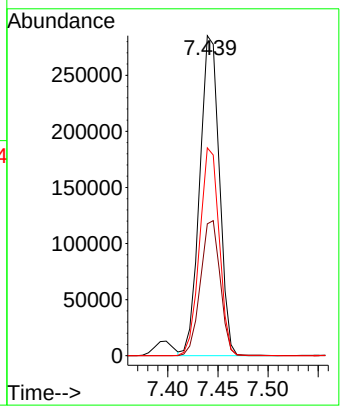


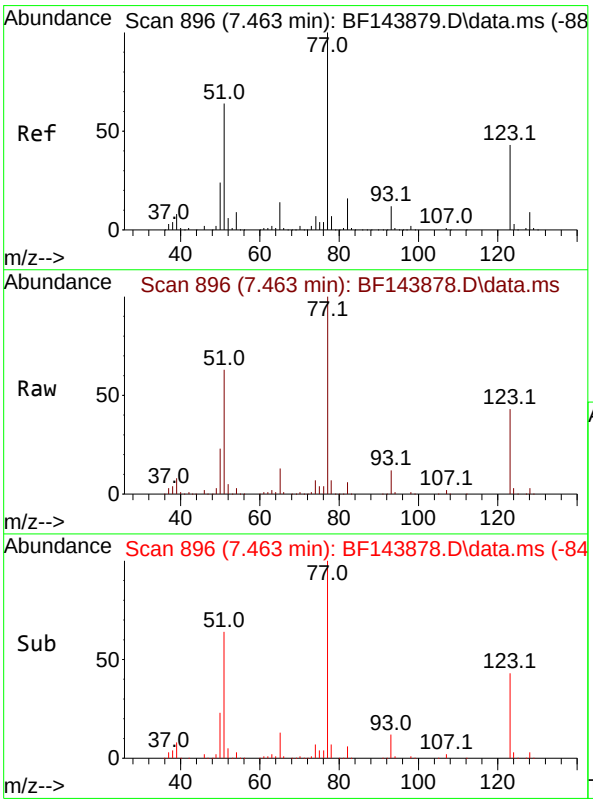
#23
Nitrobenzene-d5
Concen: 42.133 ng
RT: 7.439 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 389584

Ion	Ratio	Lower	Upper
82	100		
128	41.2	34.0	51.0
54	64.9	53.2	79.8

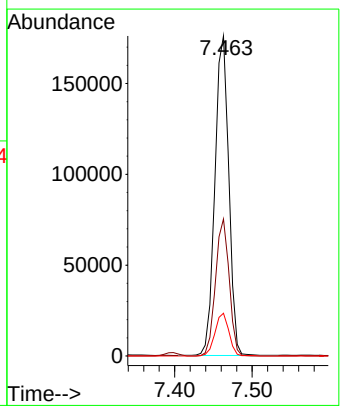


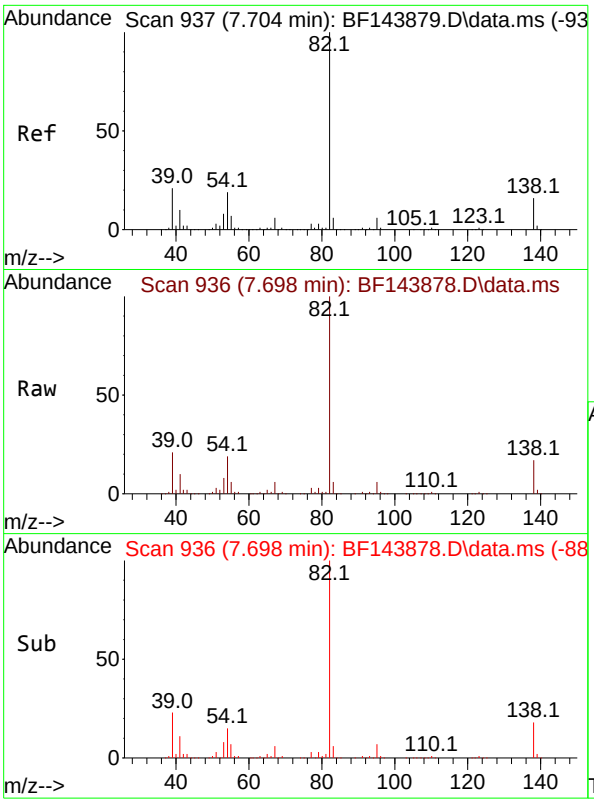


#24
Nitrobenzene
Concen: 21.279 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion: 77 Resp: 218497

Ion	Ratio	Lower	Upper
77	100		
123	42.8	34.2	51.4
65	13.3	11.0	16.6



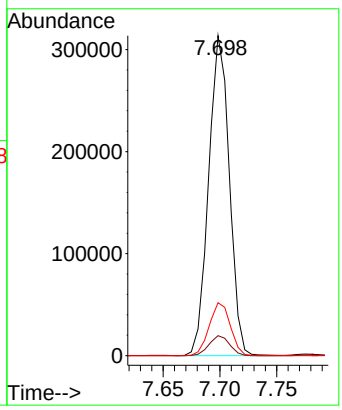


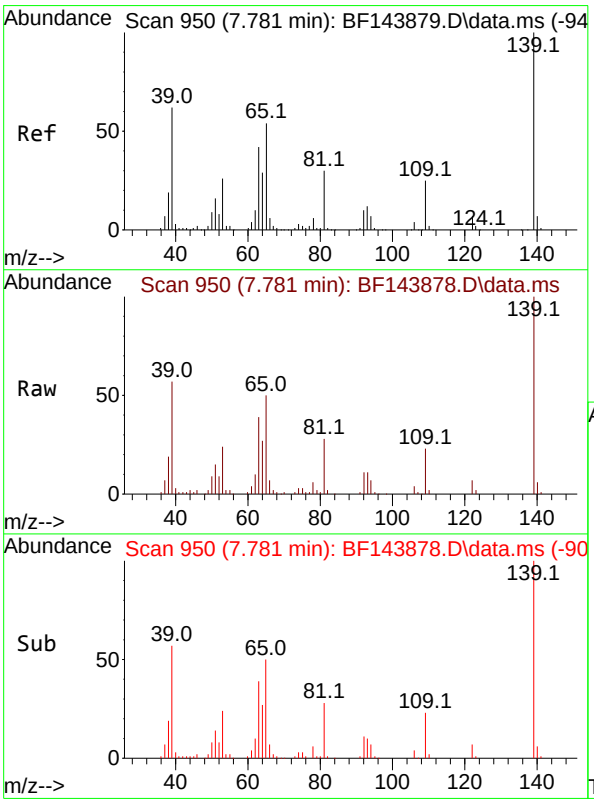
#25
Isophorone
Concen: 20.393 ng
RT: 7.698 min Scan# 9
Delta R.T. -0.023 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 397606

Ion	Ratio	Lower	Upper
82	100		
95	6.2	5.1	7.7
138	16.6	12.9	19.3

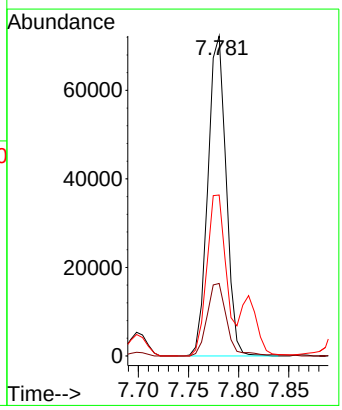


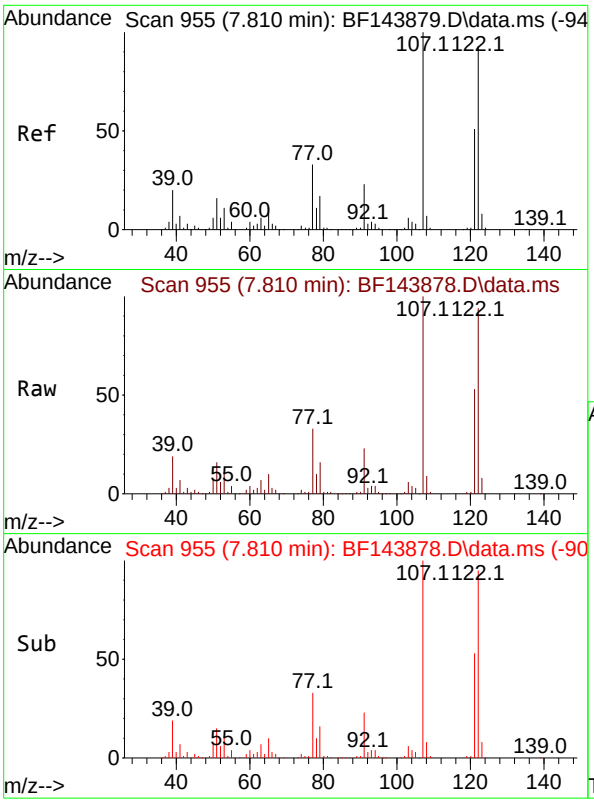


#26
2-Nitrophenol
Concen: 20.747 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:139 Resp: 91336

Ion	Ratio	Lower	Upper
139	100		
109	22.7	19.8	29.6
65	50.3	42.9	64.3



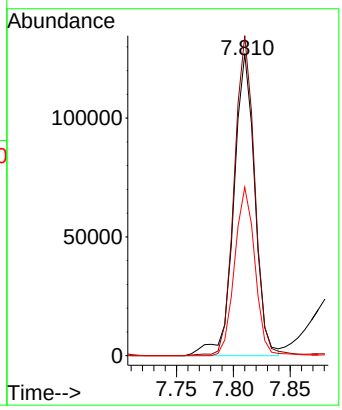


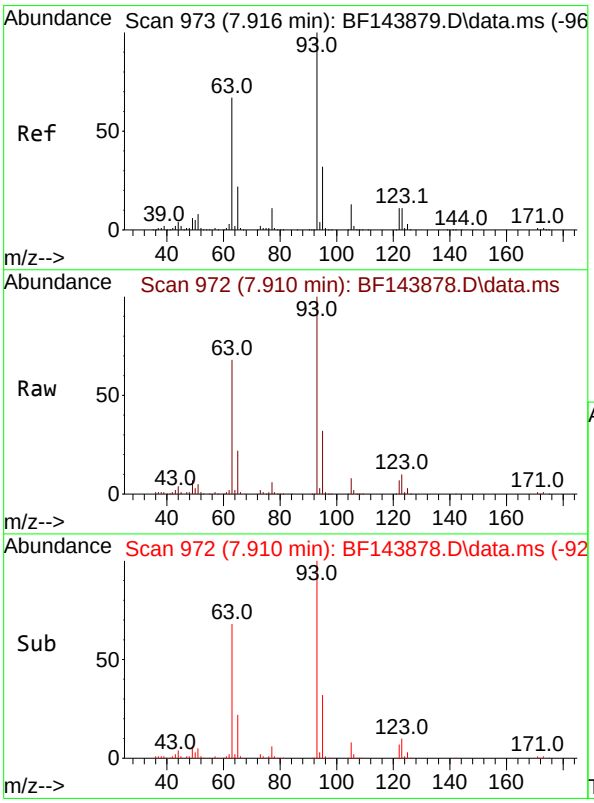
#27
2,4-Dimethylphenol
Concen: 20.682 ng
RT: 7.810 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:122 Resp: 163783

Ion	Ratio	Lower	Upper
122	100		
107	105.9	86.1	129.1
121	55.8	43.8	65.6

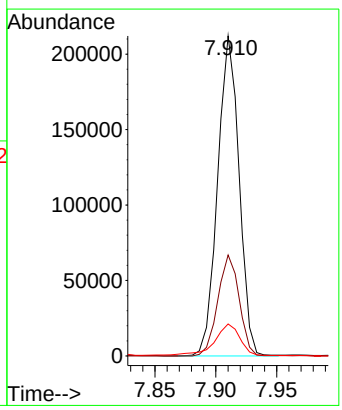


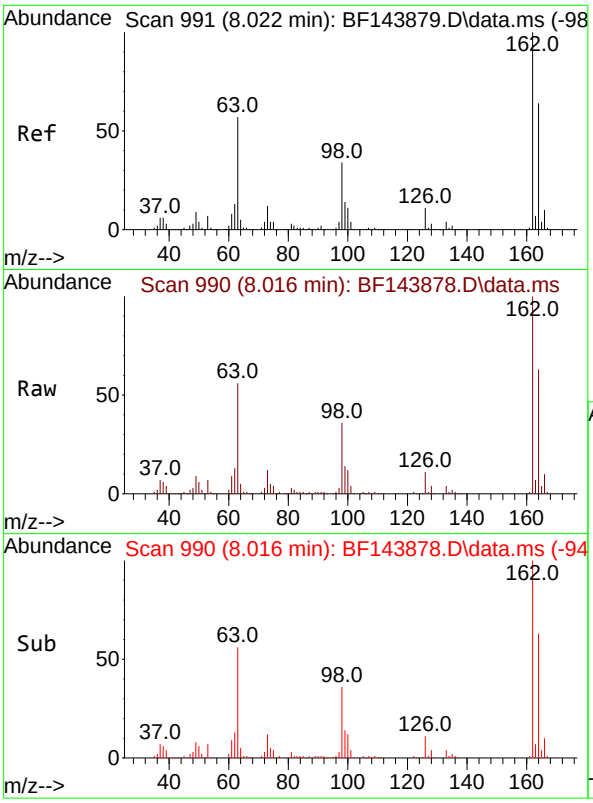


#28
bis(2-Chloroethoxy)methane
Concen: 21.131 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion: 93 Resp: 260252

Ion	Ratio	Lower	Upper
93	100		
95	31.5	25.9	38.9
123	10.0	9.4	14.0



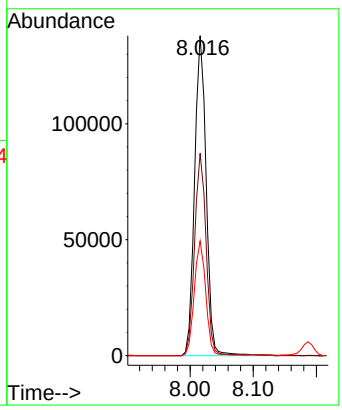


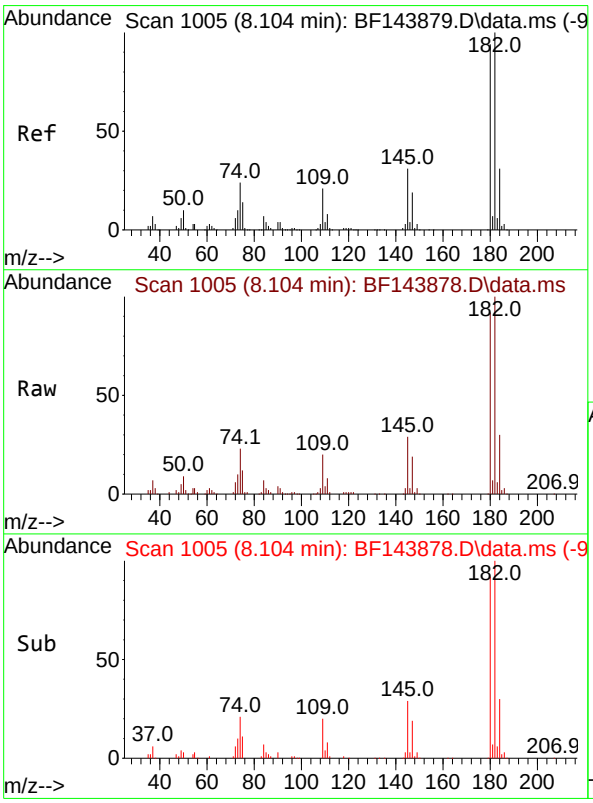
#29
2,4-Dichlorophenol
Concen: 21.328 ng
RT: 8.016 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 175934

Ion	Ratio	Lower	Upper
162	100		
164	63.3	43.9	83.9
98	35.9	14.4	54.4

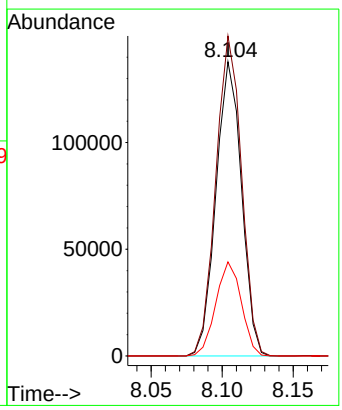


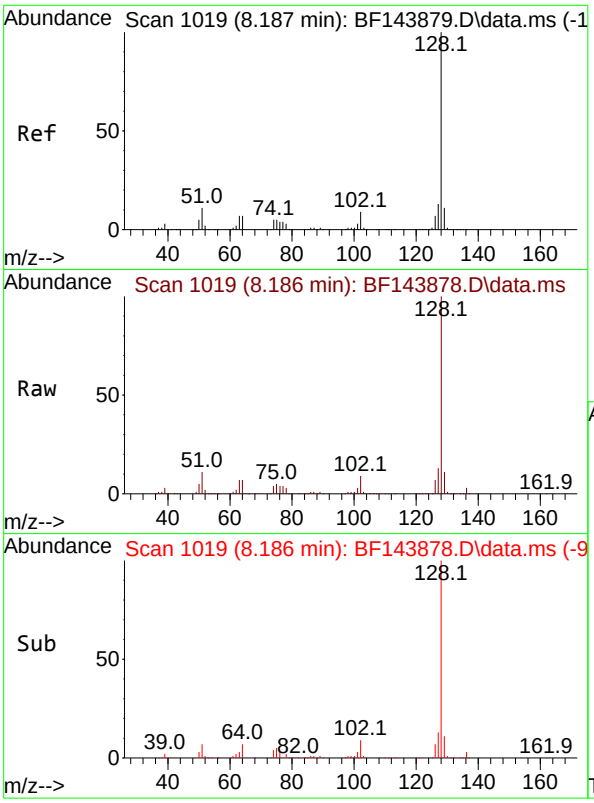


#30
1,2,4-Trichlorobenzene
Concen: 21.234 ng
RT: 8.104 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:180 Resp: 172265

Ion	Ratio	Lower	Upper
180	100		
182	108.8	85.4	128.0
145	32.0	26.3	39.5



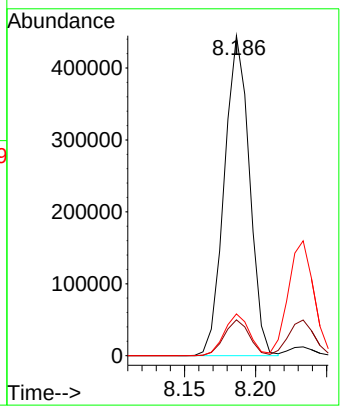


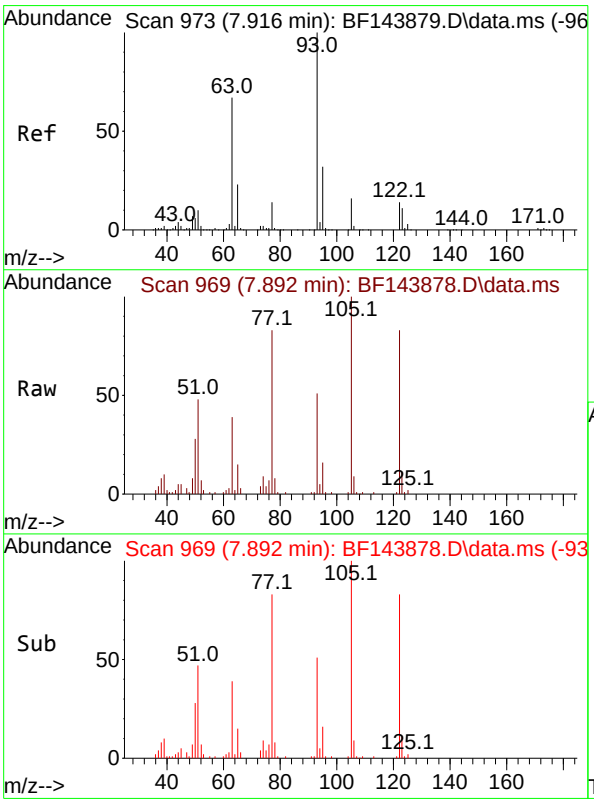
#31
Naphthalene
Concen: 21.365 ng
RT: 8.186 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:128 Resp: 545971

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	13.1	10.0	15.0

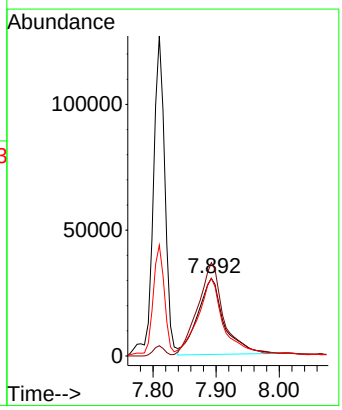


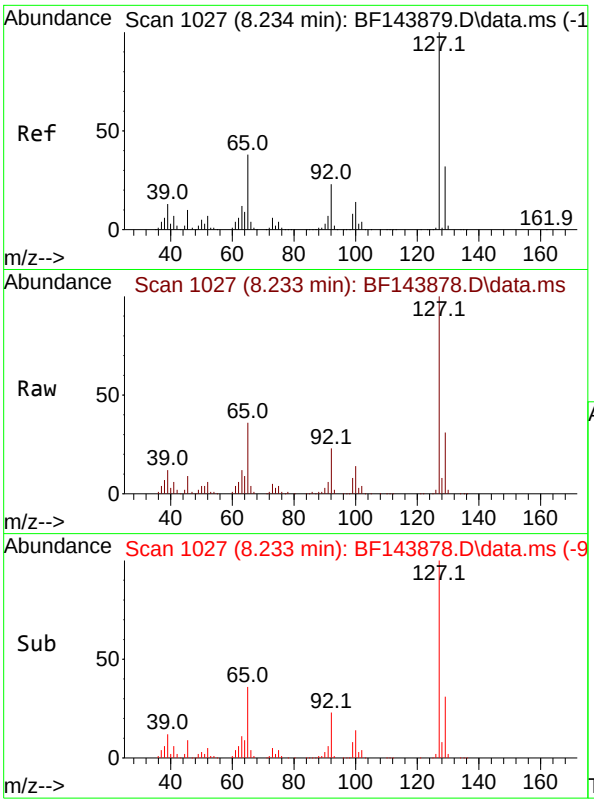


#32
Benzoic acid
Concen: 16.006 ng
RT: 7.892 min Scan# 969
Delta R.T. -0.071 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:122 Resp: 87725

Ion	Ratio	Lower	Upper
122	100		
105	120.1	93.5	133.5
77	100.0	76.3	116.3



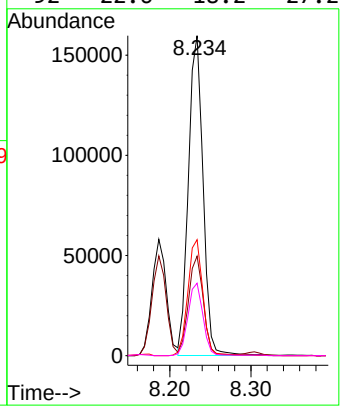


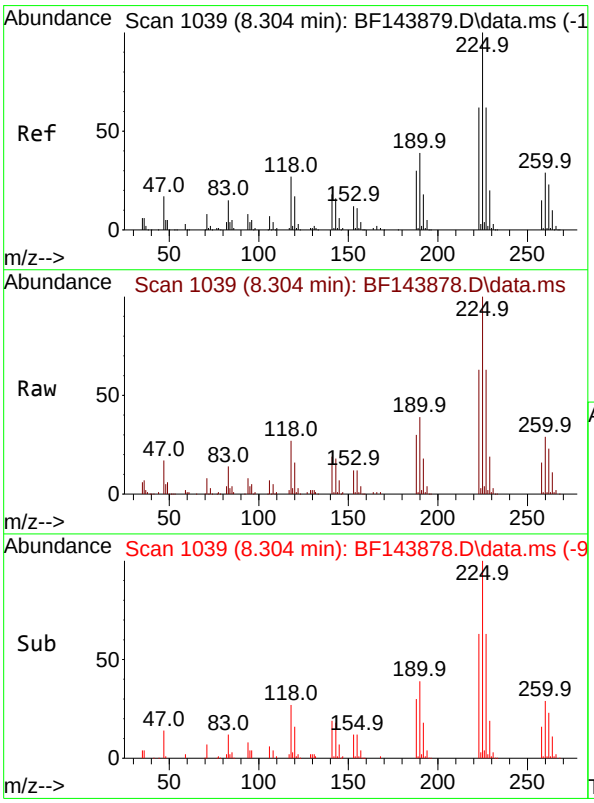
#33
4-Chloroaniline
Concen: 20.924 ng
RT: 8.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:127 Resp: 200545

Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.8	38.8
65	36.3	30.0	45.0
92	22.6	18.2	27.2

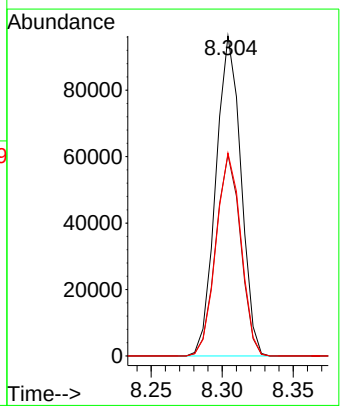


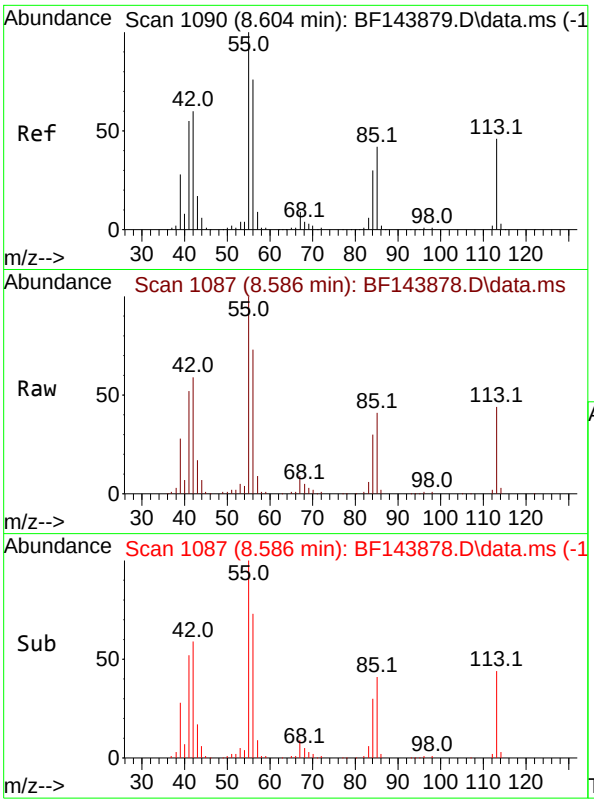


#34
Hexachlorobutadiene
Concen: 20.941 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:225 Resp: 118056

Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.4	74.2
227	63.4	49.7	74.5



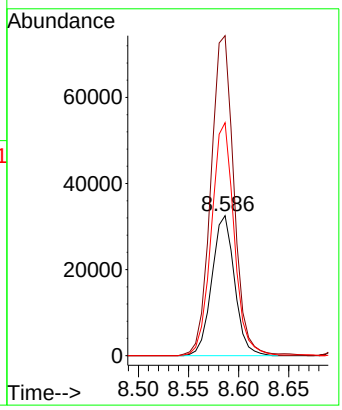


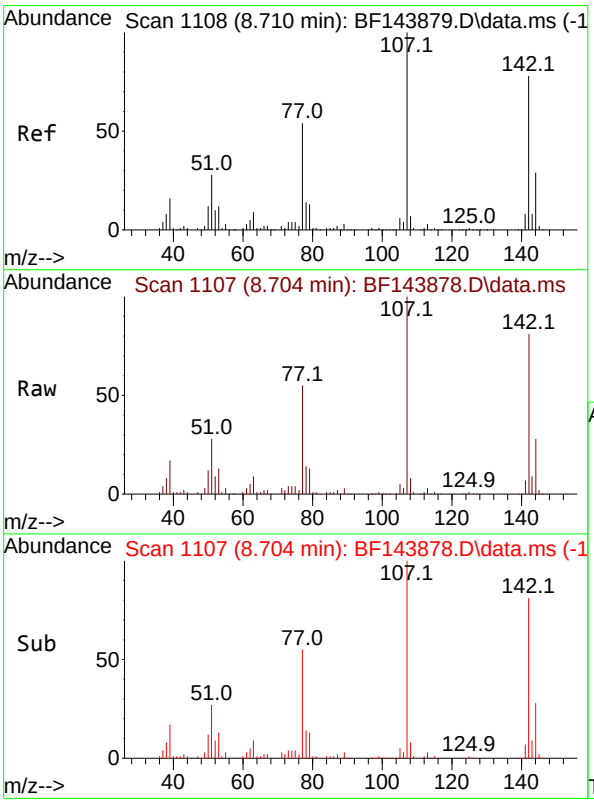
#35
Caprolactam
Concen: 19.505 ng
RT: 8.586 min Scan# 1
Delta R.T. -0.059 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:113 Resp: 51159

Ion	Ratio	Lower	Upper
113	100		
55	228.6	199.6	239.6
56	166.4	146.0	186.0

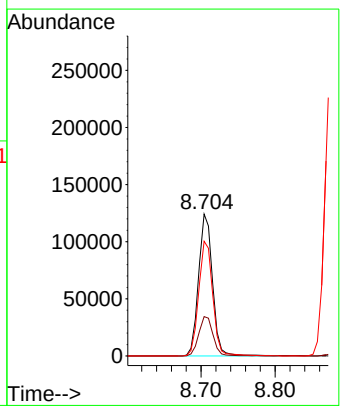


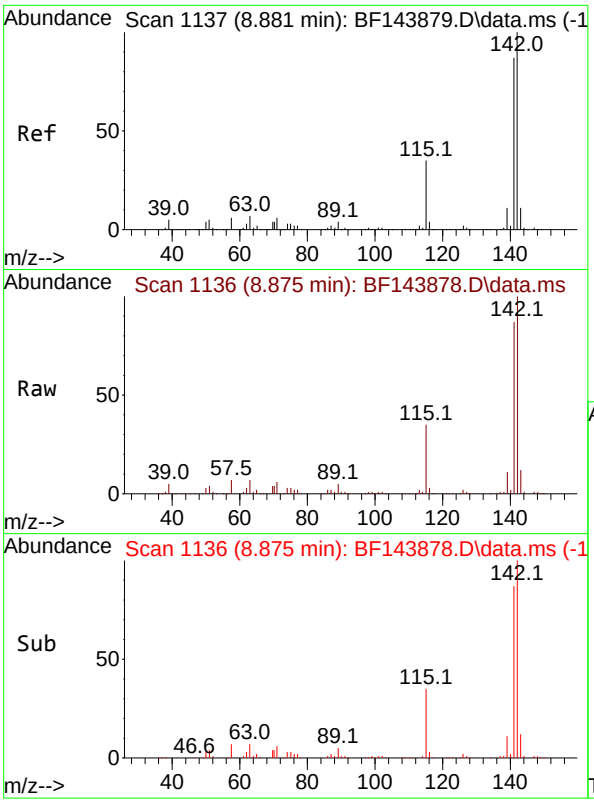


#36
4-Chloro-3-methylphenol
Concen: 20.524 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.018 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:107 Resp: 162629

Ion	Ratio	Lower	Upper
107	100		
144	27.7	23.1	34.7
142	80.8	62.6	94.0



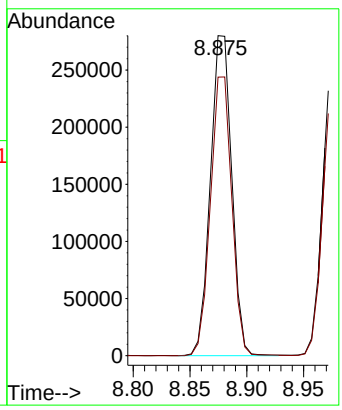


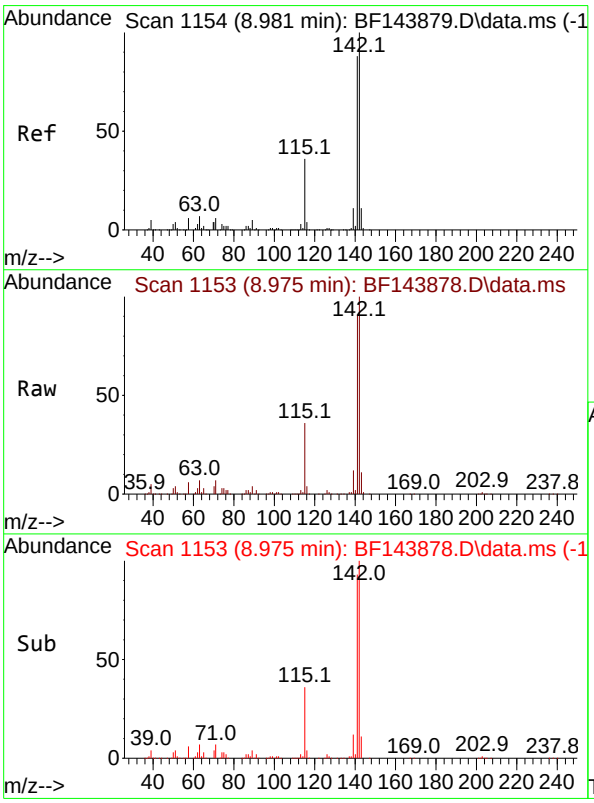
#37
2-Methylnaphthalene
Concen: 21.583 ng
RT: 8.875 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:142 Resp: 367401

Ion	Ratio	Lower	Upper
142	100		
141	87.0	69.2	103.8

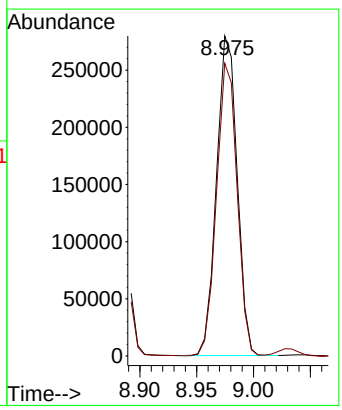


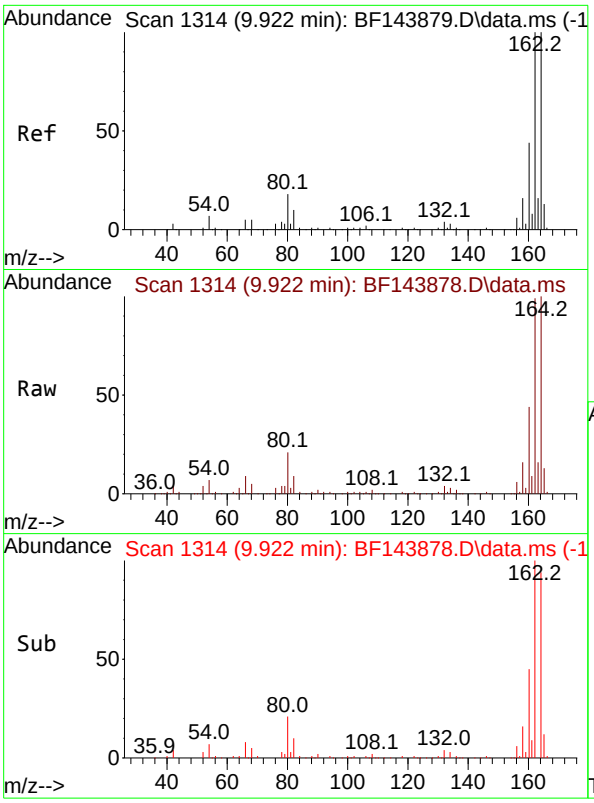


#38
1-Methylnaphthalene
Concen: 21.407 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.011 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:142 Resp: 353459

Ion	Ratio	Lower	Upper
142	100		
141	91.5	70.8	106.2



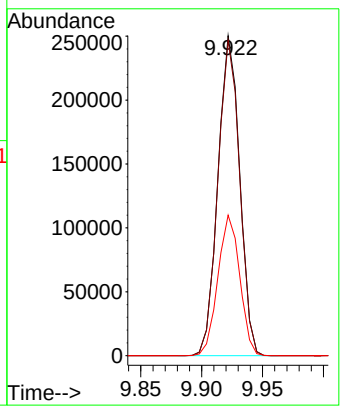


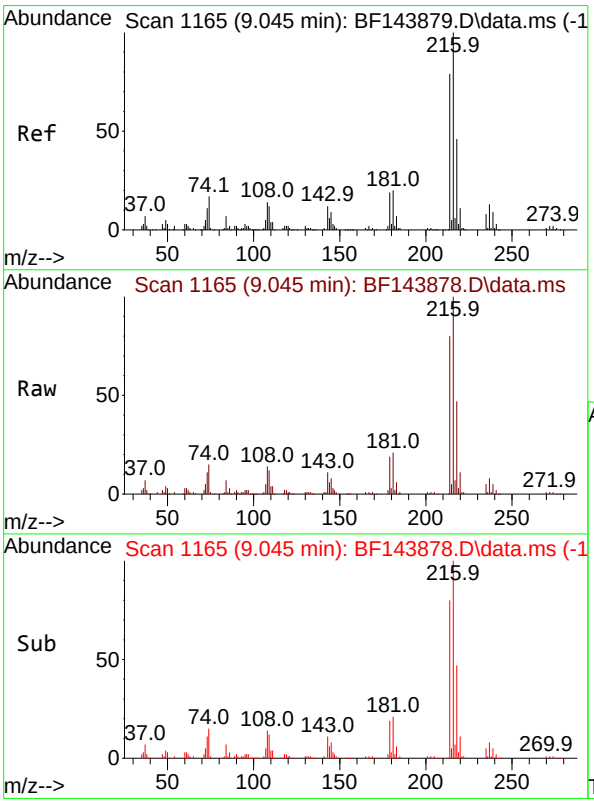
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1
Delta R.T. -0.005 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:164 Resp: 311297

Ion	Ratio	Lower	Upper
164	100		
162	98.6	80.2	120.2
160	43.9	35.4	53.0

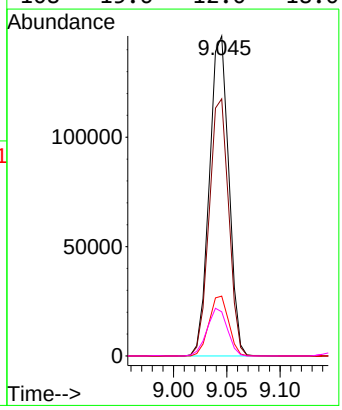


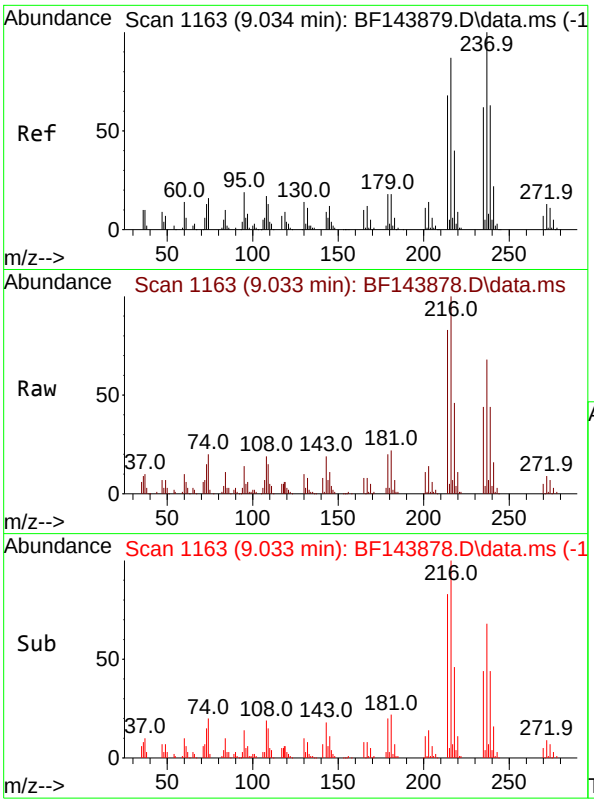


#40
1,2,4,5-Tetrachlorobenzene
Concen: 21.523 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:216 Resp: 185181

Ion	Ratio	Lower	Upper
216	100		
214	80.8	62.6	94.0
179	18.9	15.4	23.0
108	15.6	12.0	18.0



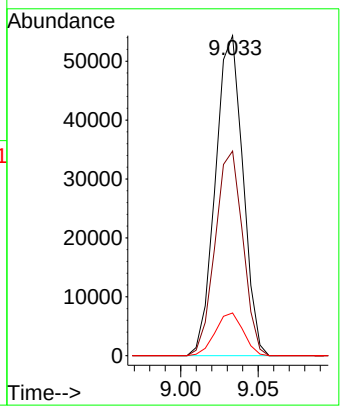


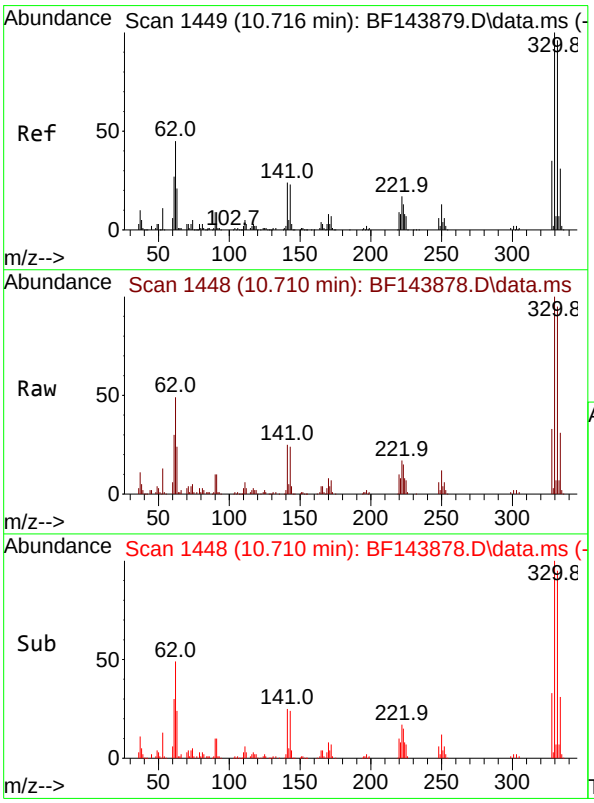
#41
Hexachlorocyclopentadiene
Concen: 18.807 ng
RT: 9.033 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:237 Resp: 67128

Ion	Ratio	Lower	Upper
237	100		
235	64.0	42.3	82.3
272	13.4	0.0	33.1

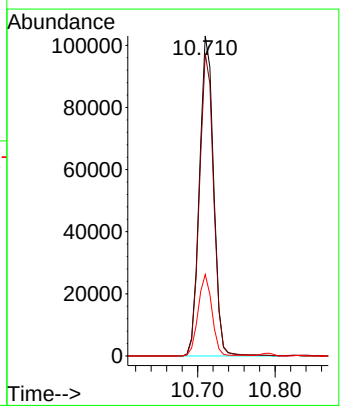


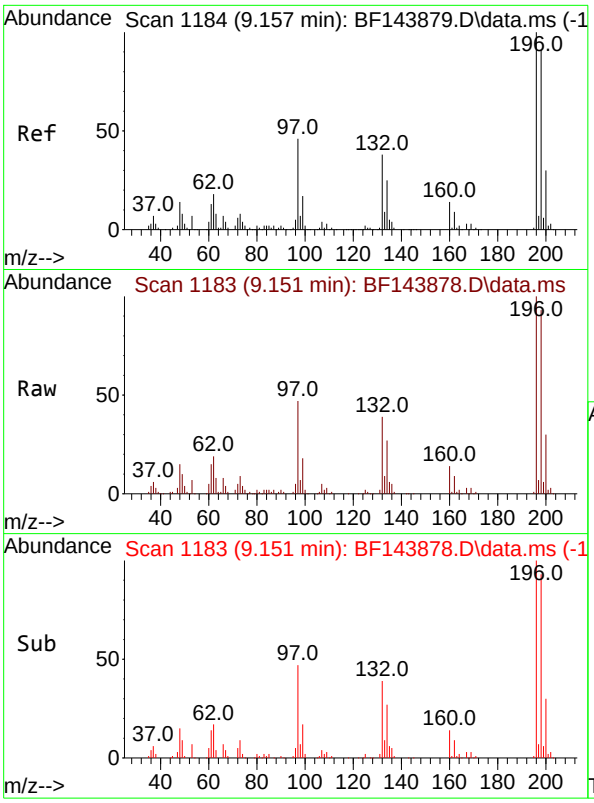


#42
2,4,6-Tribromophenol
Concen: 42.114 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:330 Resp: 130577

Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.9	115.3
141	24.8	20.2	30.4



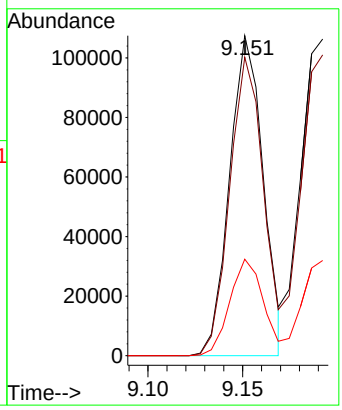


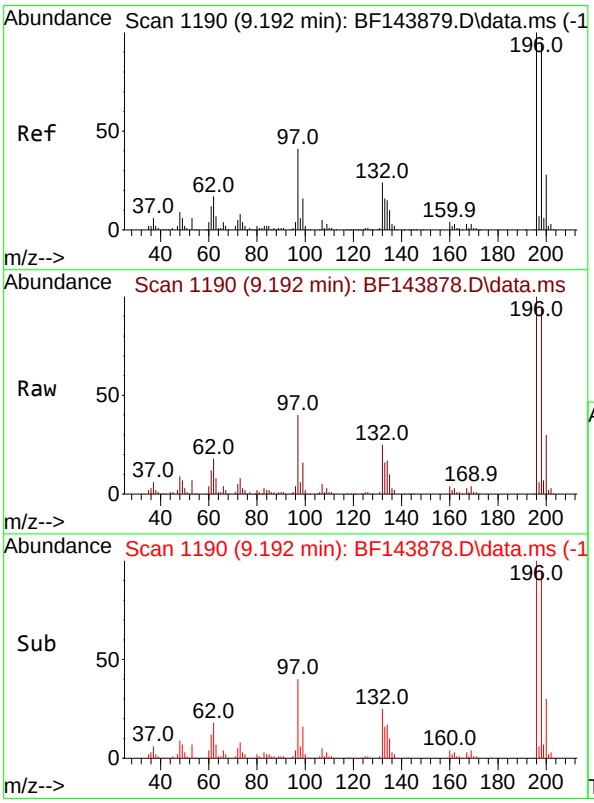
#43
2,4,6-Trichlorophenol
Concen: 21.116 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:196 Resp: 132747

Ion	Ratio	Lower	Upper
196	100		
198	93.3	72.8	109.2
200	30.2	24.0	36.0

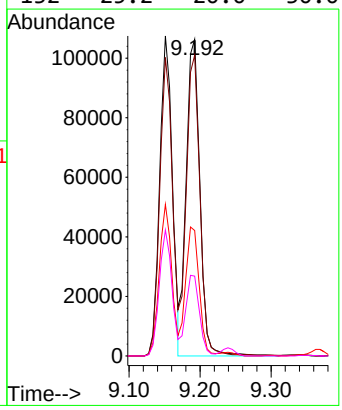


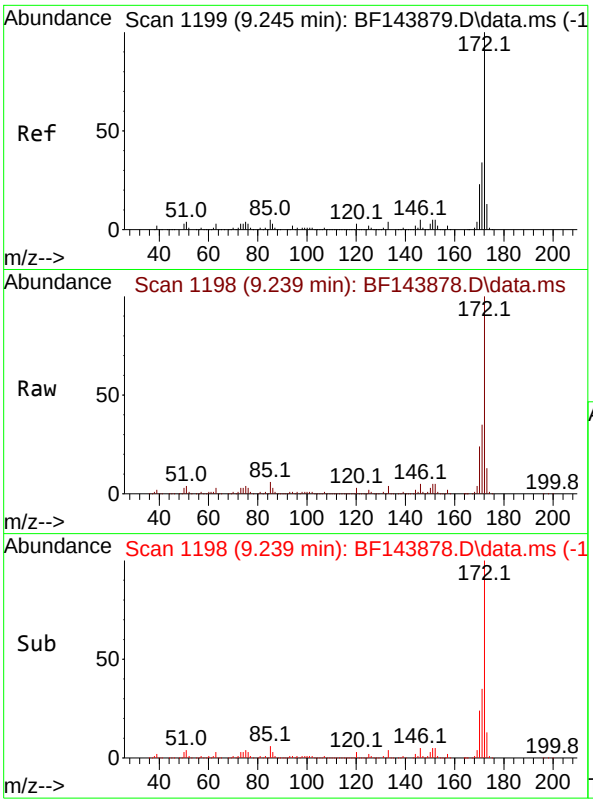


#44
2,4,5-Trichlorophenol
Concen: 21.532 ng
RT: 9.192 min Scan# 1190
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:196 Resp: 143043

Ion	Ratio	Lower	Upper
196	100		
198	95.0	75.5	113.3
97	39.6	33.9	50.9
132	25.2	20.0	30.0



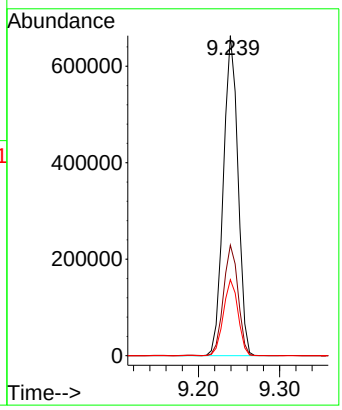


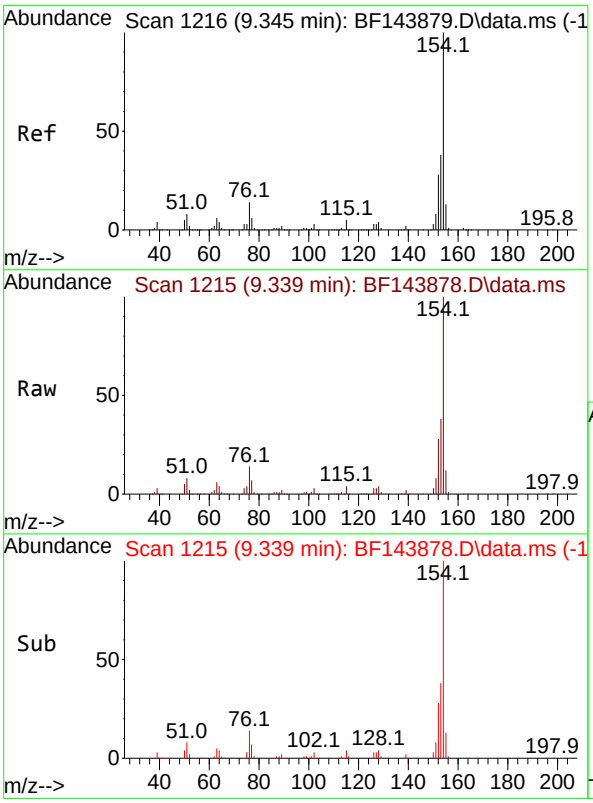
#45
2-Fluorobiphenyl
Concen: 42.367 ng
RT: 9.239 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:172 Resp: 831185

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.4	41.0
170	23.8	18.6	28.0

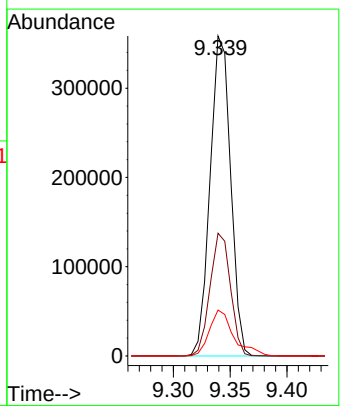


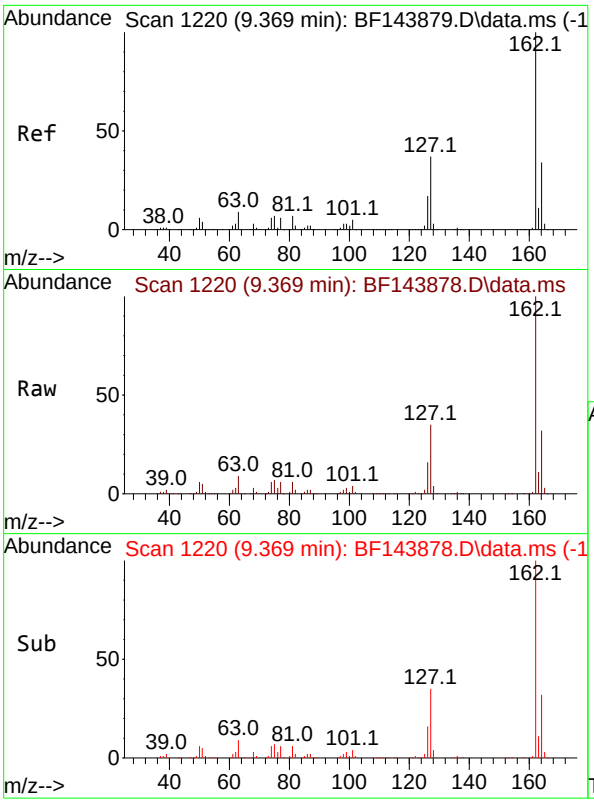


#46
1,1'-Biphenyl
Concen: 21.868 ng
RT: 9.339 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:154 Resp: 450706

Ion	Ratio	Lower	Upper
154	100		
153	38.3	18.4	58.4
76	14.4	0.0	34.0



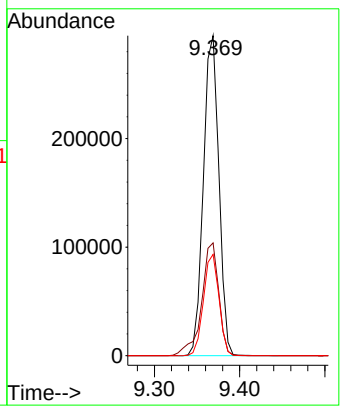


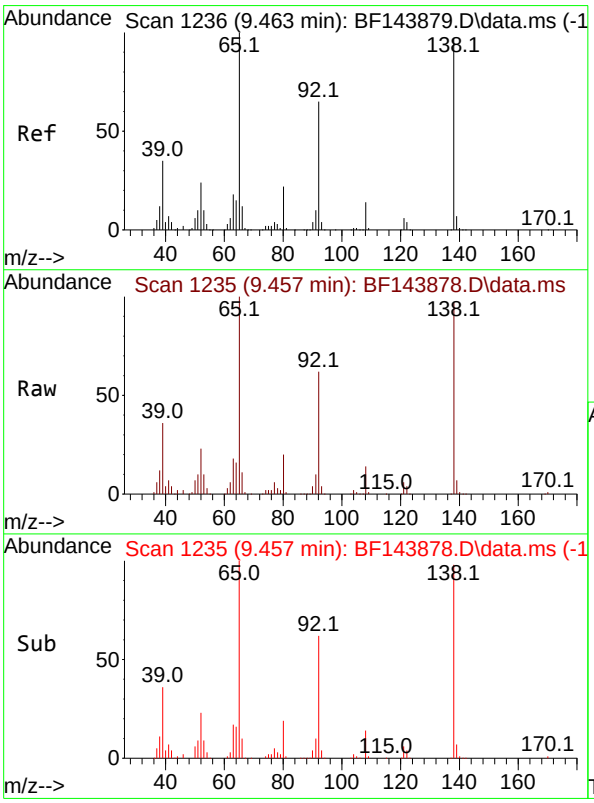
#47
2-Chloronaphthalene
Concen: 21.679 ng
RT: 9.369 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 372531

Ion	Ratio	Lower	Upper
162	100		
127	35.2	30.2	45.2
164	31.7	26.9	40.3

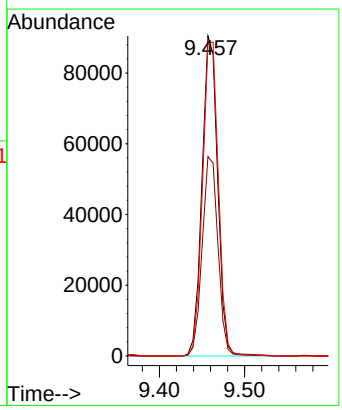


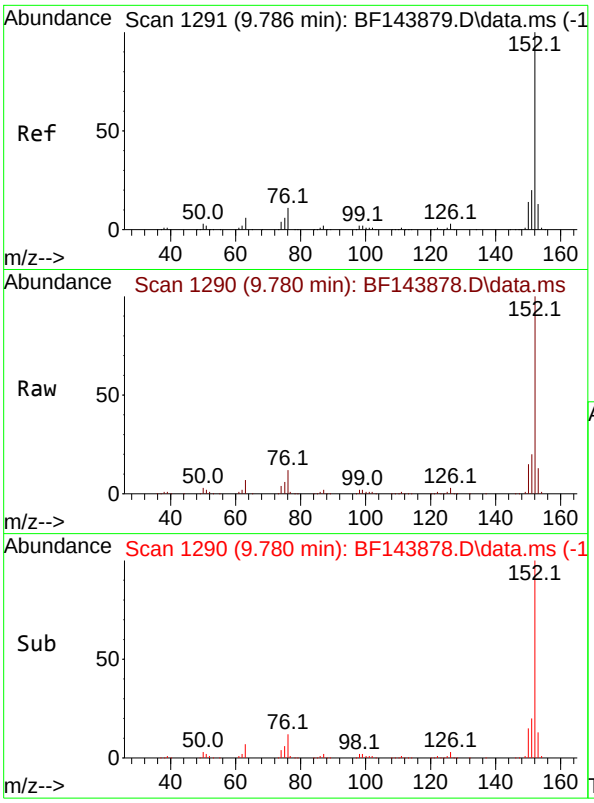


#48
2-Nitroaniline
Concen: 21.263 ng
RT: 9.457 min Scan# 1235
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion: 65 Resp: 115519

Ion	Ratio	Lower	Upper
65	100		
92	62.3	52.1	78.1
138	97.4	77.4	116.2



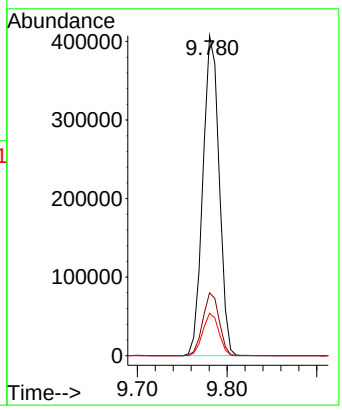


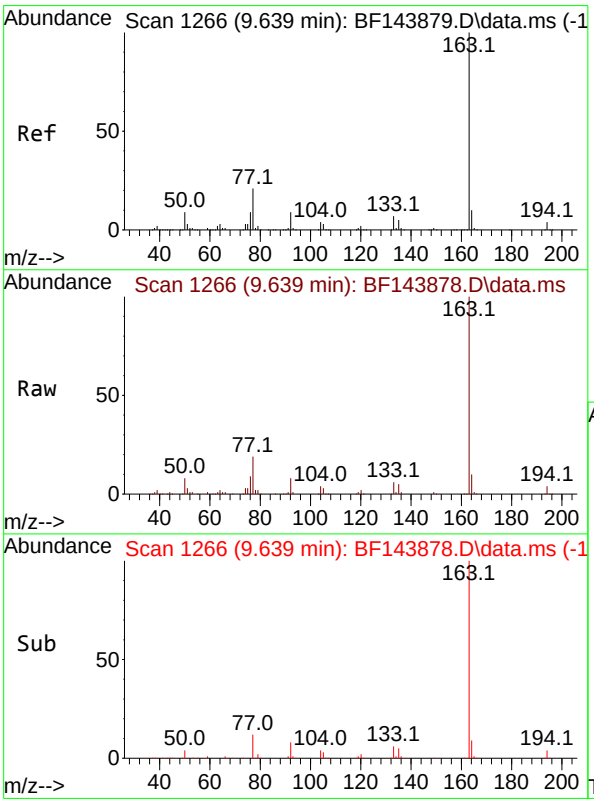
#49
Acenaphthylene
Concen: 21.234 ng
RT: 9.780 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:152 Resp: 512980

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	13.3	10.5	15.7

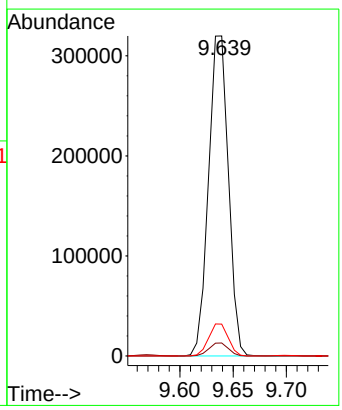


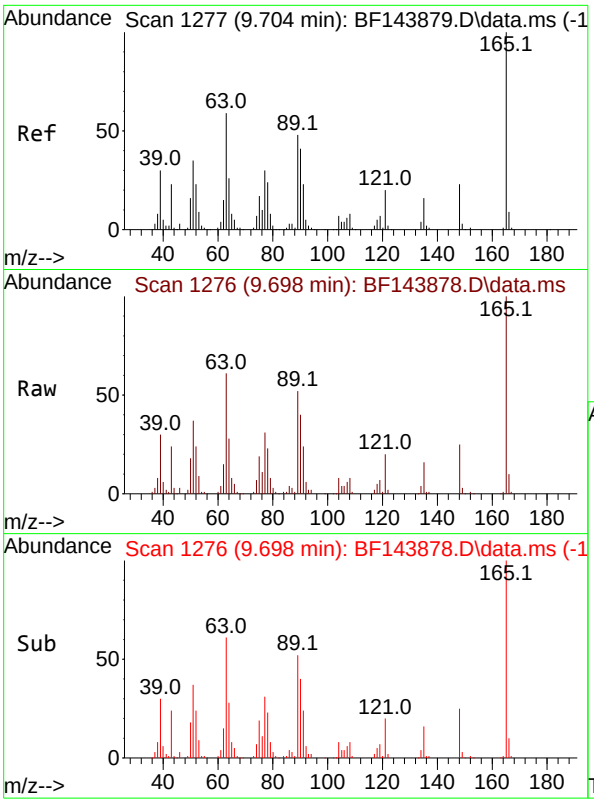


#50
Dimethylphthalate
Concen: 21.011 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:163 Resp: 415359

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	9.9	8.1	12.1



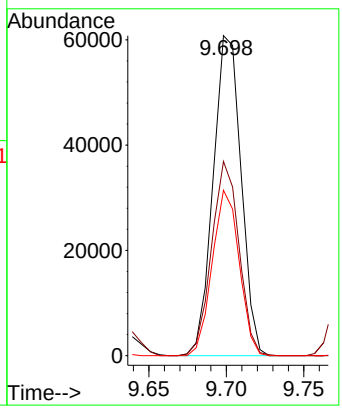


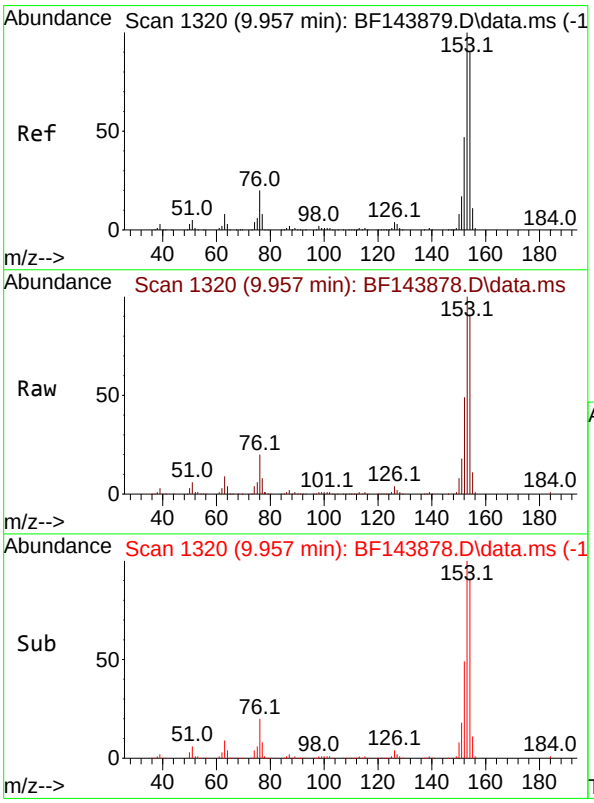
#51
2,6-Dinitrotoluene
Concen: 20.831 ng
RT: 9.698 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 76360

Ion	Ratio	Lower	Upper
165	100		
63	60.7	47.3	70.9
89	51.7	38.2	57.4

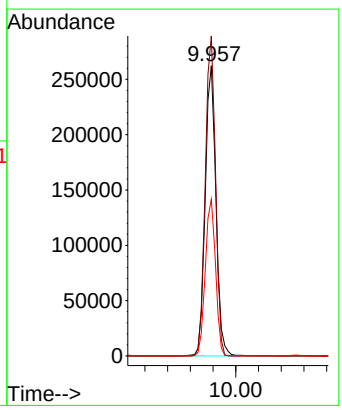


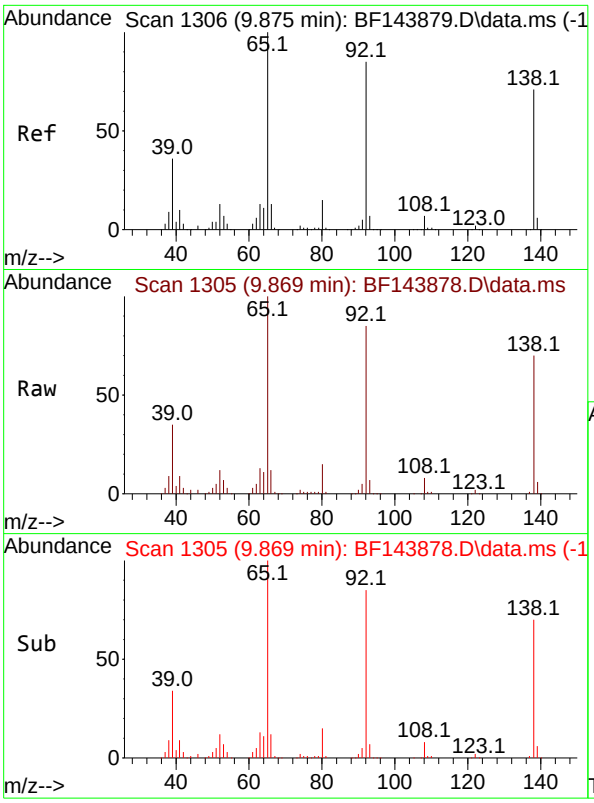


#52
Acenaphthene
Concen: 21.545 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:154 Resp: 341066

Ion	Ratio	Lower	Upper
154	100		
153	110.3	89.3	133.9
152	54.0	42.2	63.2



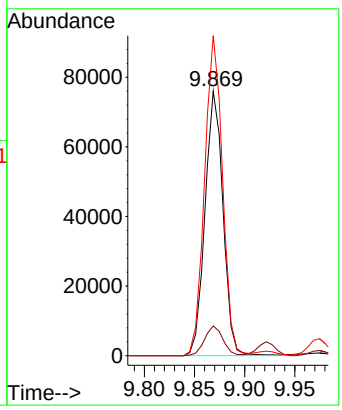


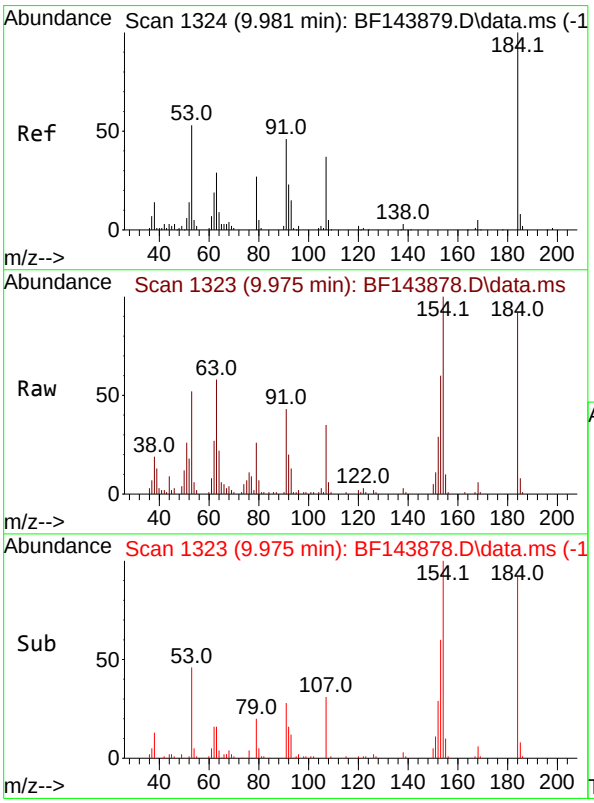
#53
3-Nitroaniline
Concen: 21.194 ng
RT: 9.869 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:138 Resp: 95127

Ion	Ratio	Lower	Upper
138	100		
108	11.3	8.3	12.5
92	121.0	96.2	144.2

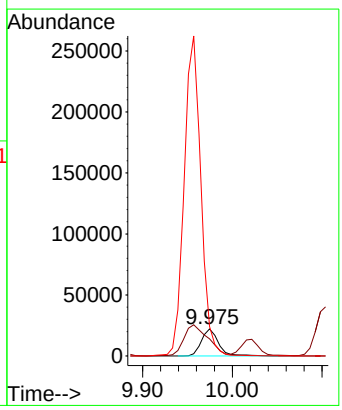


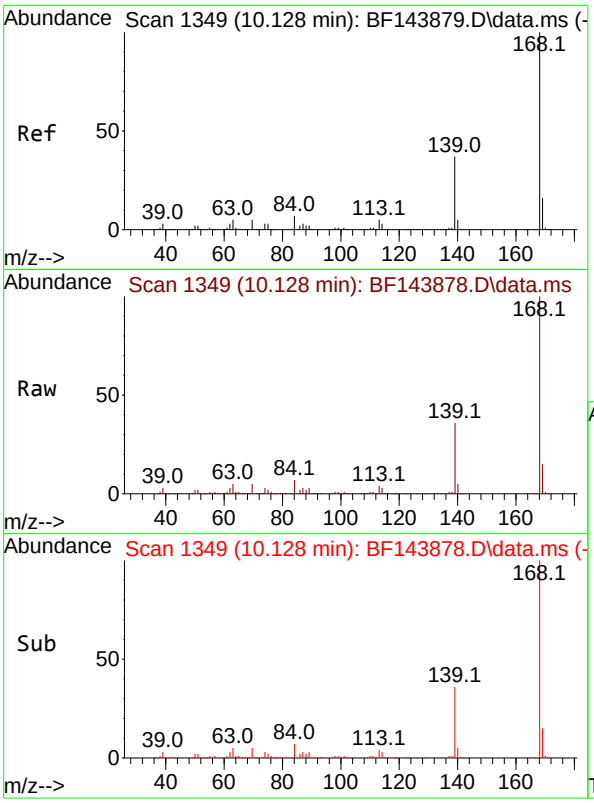


#54
2,4-Dinitrophenol
Concen: 18.734 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.011 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:184 Resp: 29199

Ion	Ratio	Lower	Upper
184	100		
63	63.1	48.2	72.4
154	108.6	49.2	73.8#



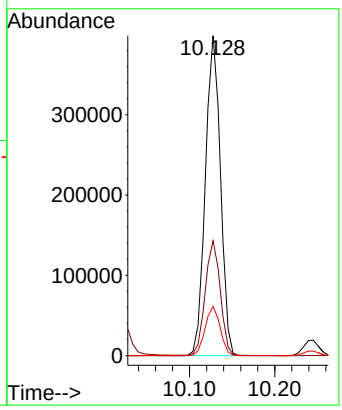


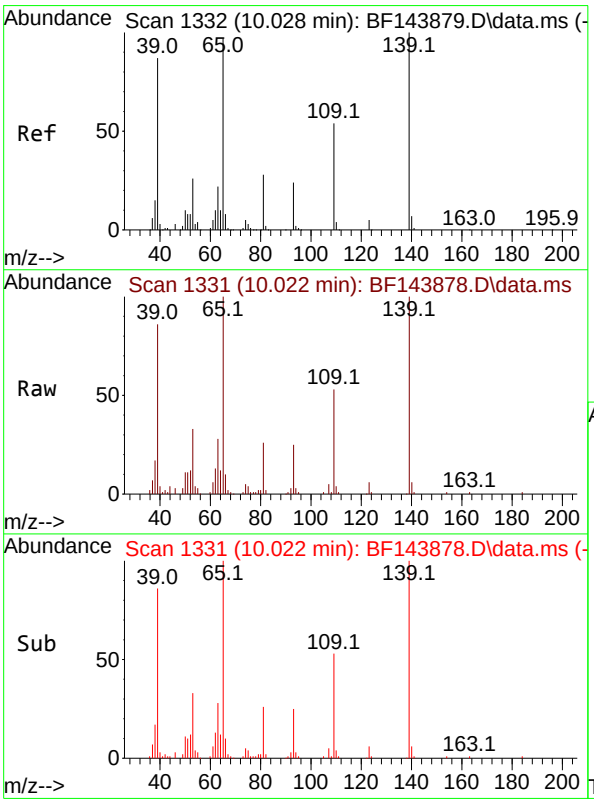
#55
Dibenzofuran
Concen: 21.894 ng
RT: 10.128 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:168 Resp: 489250

Ion	Ratio	Lower	Upper
168	100		
139	35.9	29.8	44.8
169	15.4	12.8	19.2

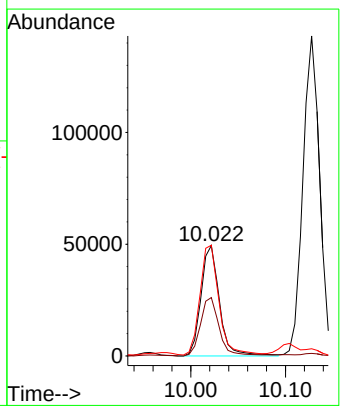


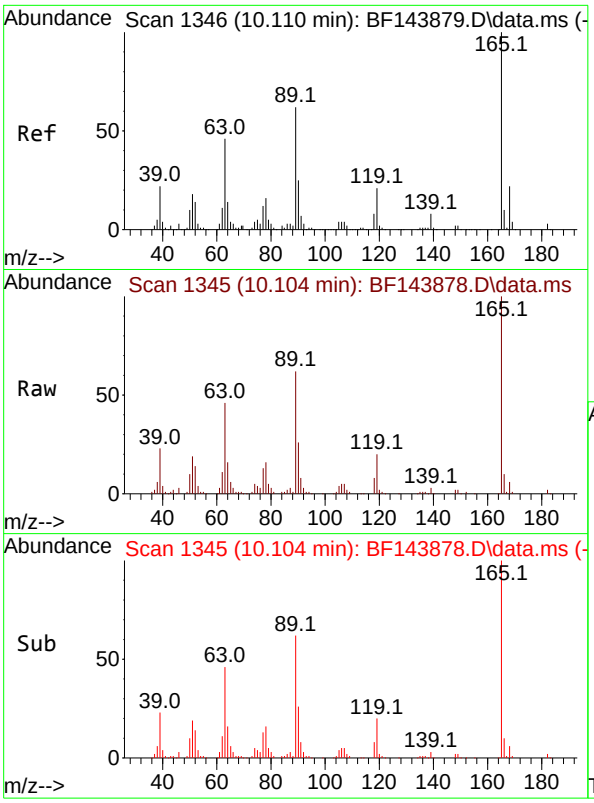


#56
4-Nitrophenol
Concen: 19.694 ng
RT: 10.022 min Scan# 1331
Delta R.T. -0.017 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:139 Resp: 66930

Ion	Ratio	Lower	Upper
139	100		
109	52.9	34.5	74.5
65	100.3	77.6	117.6



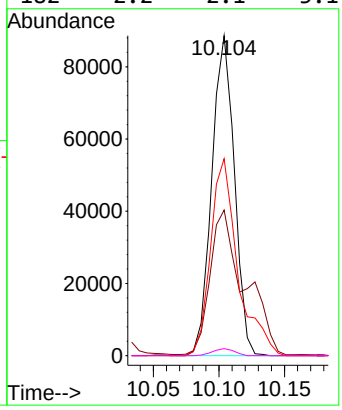


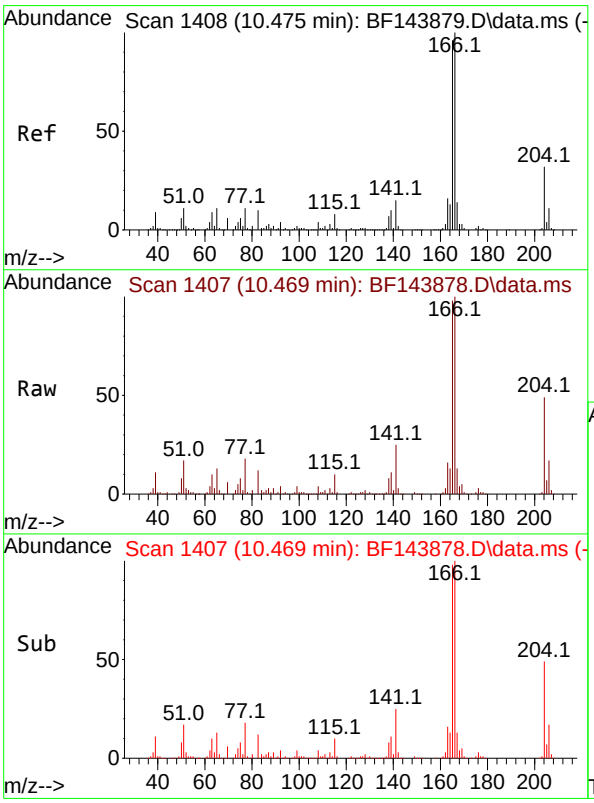
#57
2,4-Dinitrotoluene
Concen: 21.280 ng
RT: 10.104 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 106136

Ion	Ratio	Lower	Upper
165	100		
63	45.5	37.2	55.8
89	61.6	49.4	74.2
182	2.2	2.1	3.1

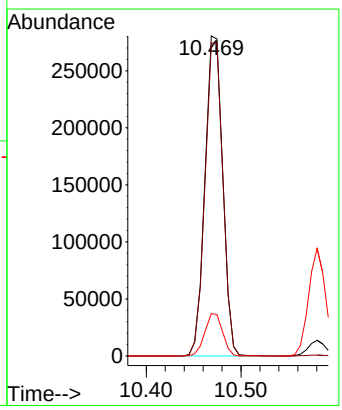


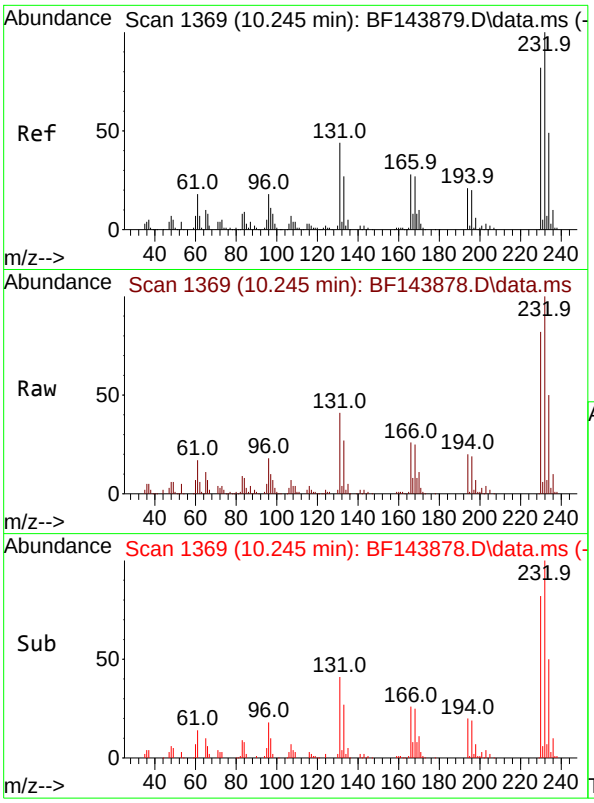


#58
Fluorene
Concen: 21.659 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:166 Resp: 365206

Ion	Ratio	Lower	Upper
166	100		
165	97.8	77.0	115.6
167	13.2	11.1	16.7



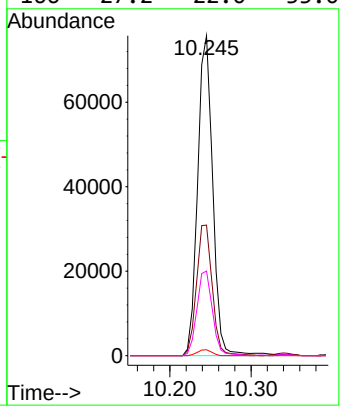


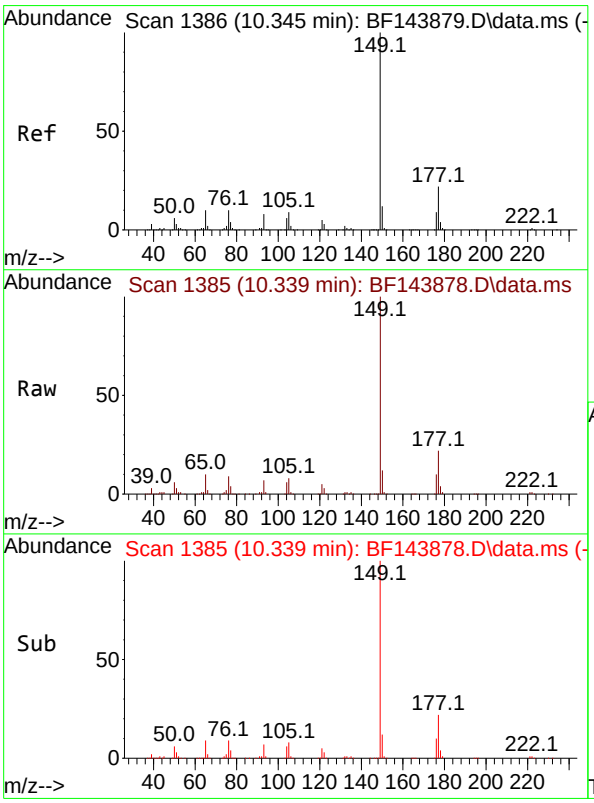
#59
2,3,4,6-Tetrachlorophenol
Concen: 20.869 ng
RT: 10.245 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:232 Resp: 98138

Ion	Ratio	Lower	Upper
232	100		
131	42.6	34.9	52.3
130	1.8	1.6	2.4
166	27.2	22.0	33.0

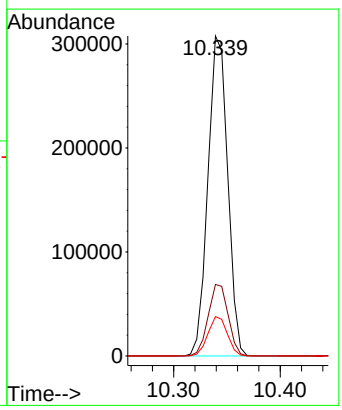


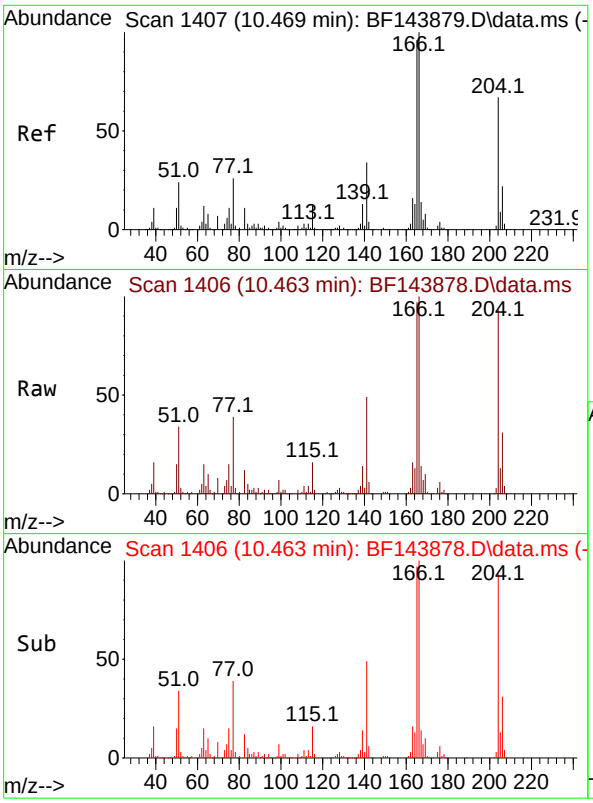


#60
Diethylphthalate
Concen: 21.575 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:149 Resp: 396233

Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.9	26.9
150	12.3	9.8	14.8



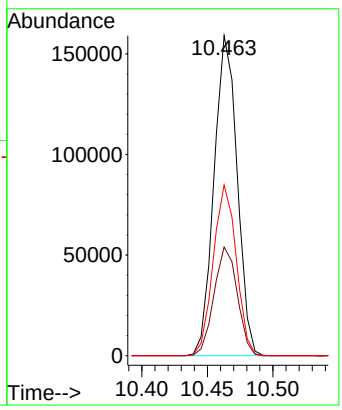


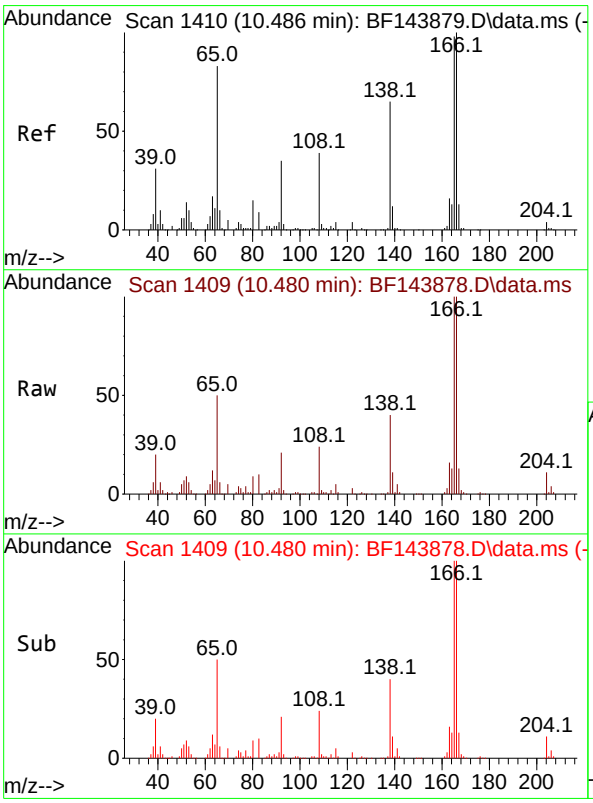
#61
4-Chlorophenyl-phenylether
Concen: 21.860 ng
RT: 10.463 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:204 Resp: 194875

Ion	Ratio	Lower	Upper
204	100		
206	34.0	26.6	40.0
141	53.4	40.4	60.6

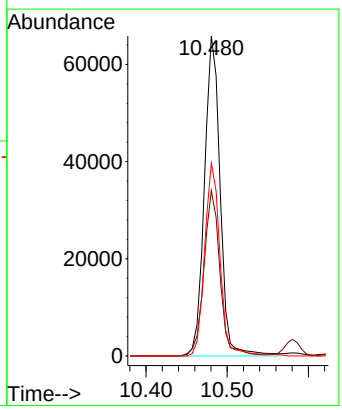


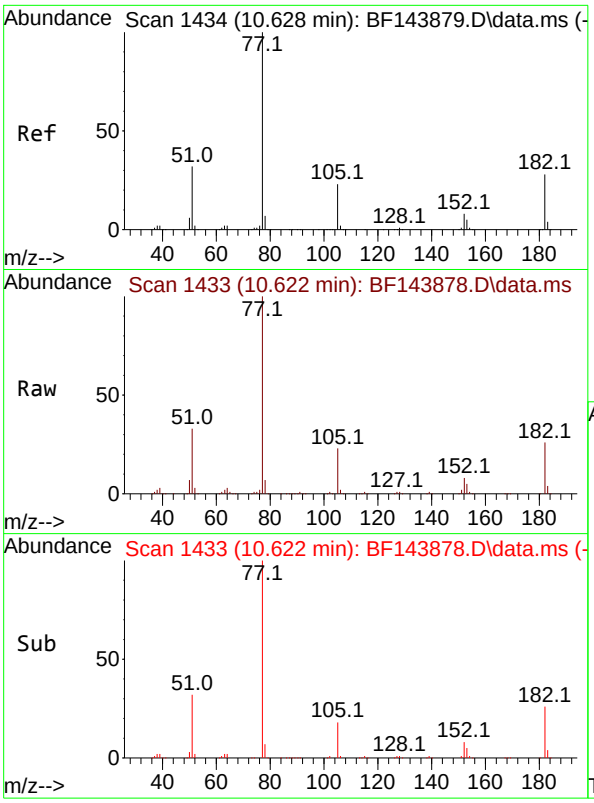


#62
4-Nitroaniline
Concen: 20.526 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.029 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:138 Resp: 88594

Ion	Ratio	Lower	Upper
138	100		
92	51.7	33.9	73.9
108	60.3	40.2	80.2



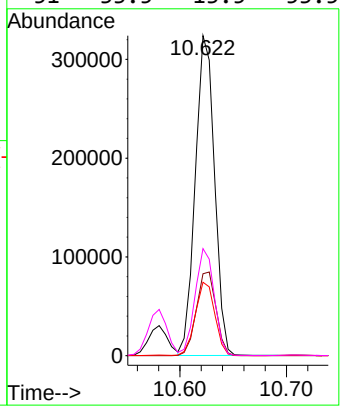


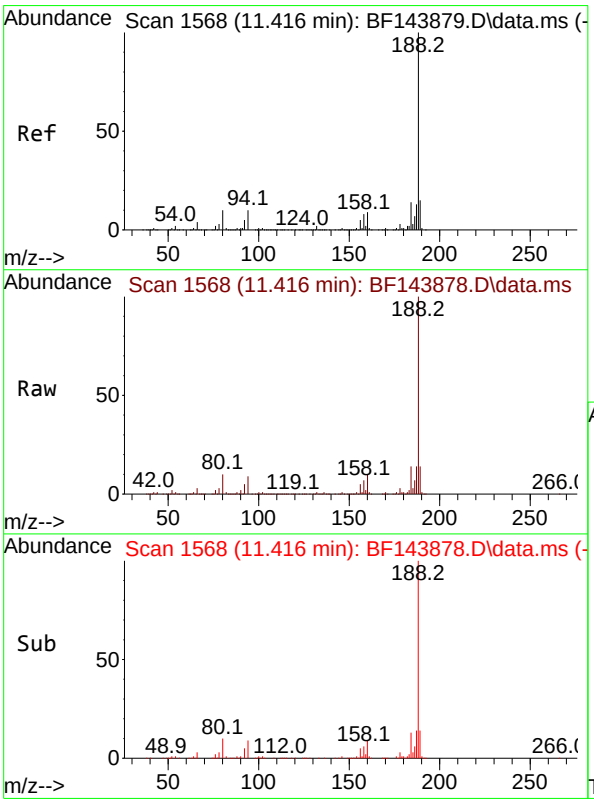
#63
Azobenzene
Concen: 21.218 ng
RT: 10.622 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 407261

Ion	Ratio	Lower	Upper
77	100		
182	25.6	7.3	47.3
105	23.0	3.0	43.0
51	33.5	13.5	53.5

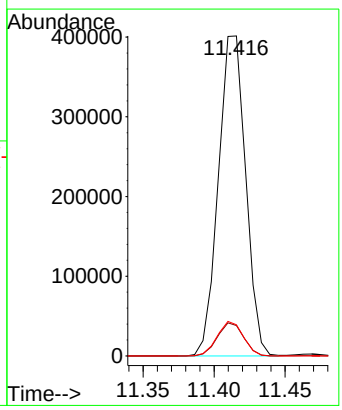


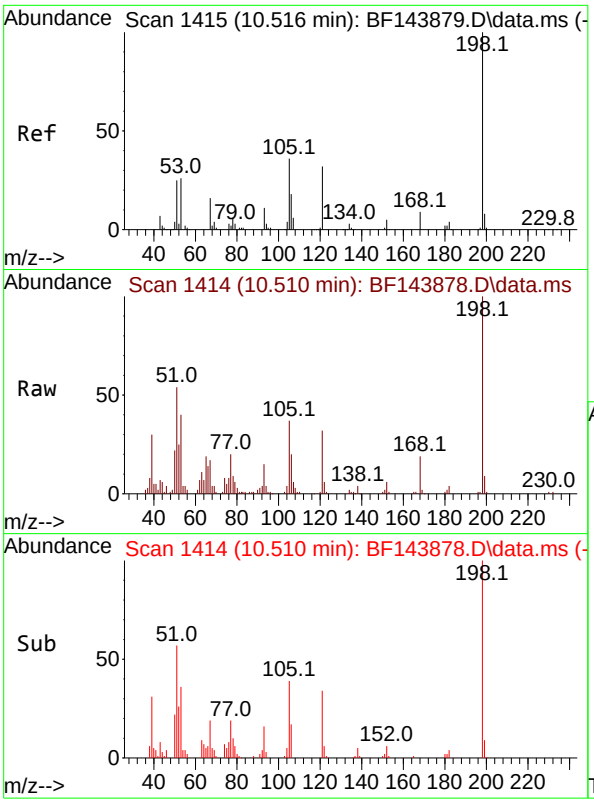


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:188 Resp: 536961

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.8	11.6
80	9.7	7.9	11.9



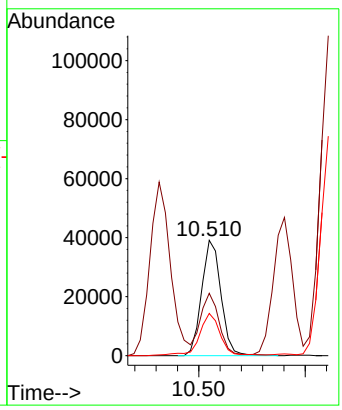


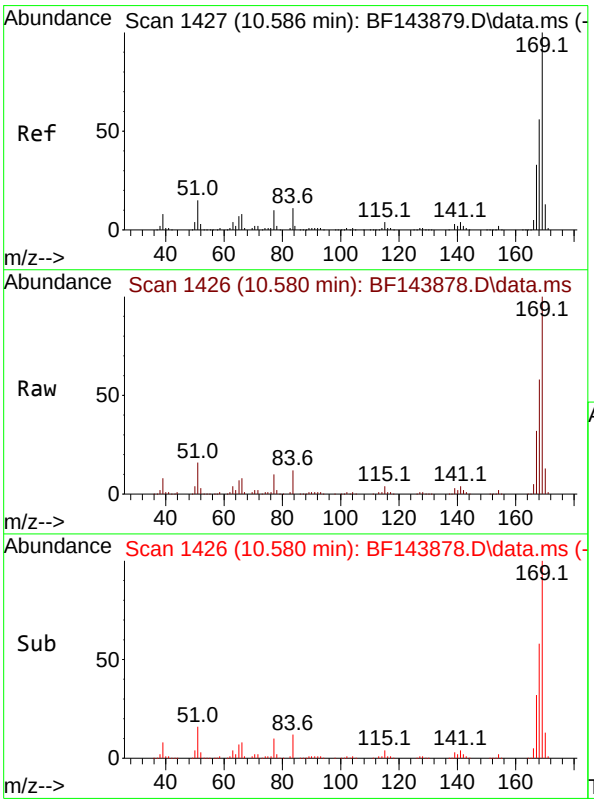
#65
4,6-Dinitro-2-methylphenol
Concen: 18.309 ng
RT: 10.510 min Scan# 14
Delta R.T. -0.023 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:198 Resp: 49405

Ion	Ratio	Lower	Upper
198	100		
51	54.1	33.8	73.8
105	36.7	17.0	57.0

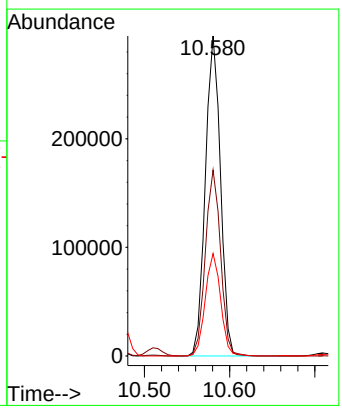


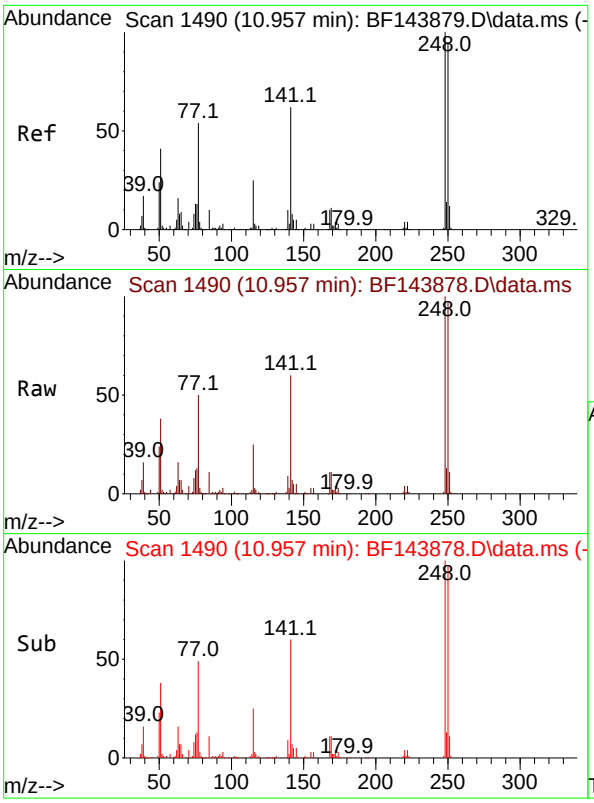


#66
n-Nitrosodiphenylamine
Concen: 21.484 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:169 Resp: 362217

Ion	Ratio	Lower	Upper
169	100		
168	58.1	44.9	67.3
167	32.0	26.3	39.5



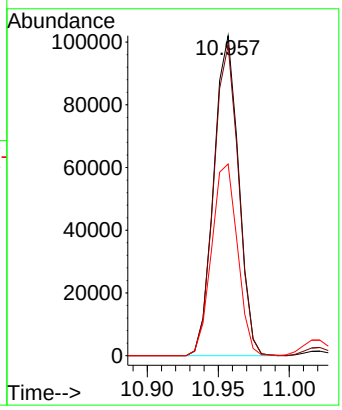


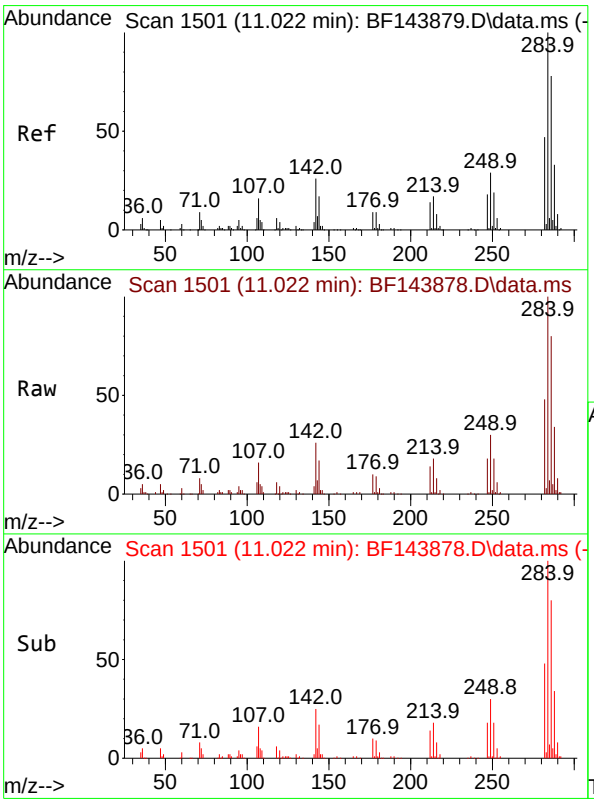
#67
4-Bromophenyl-phenylether
Concen: 20.876 ng
RT: 10.957 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:248 Resp: 123882

Ion	Ratio	Lower	Upper
248	100		
250	97.0	76.3	114.5
141	59.9	49.7	74.5

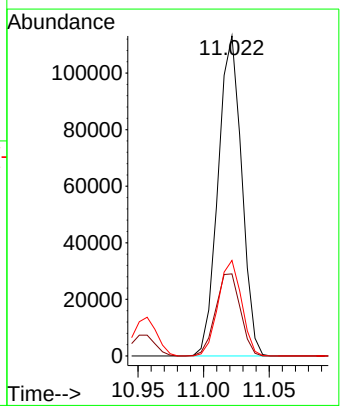


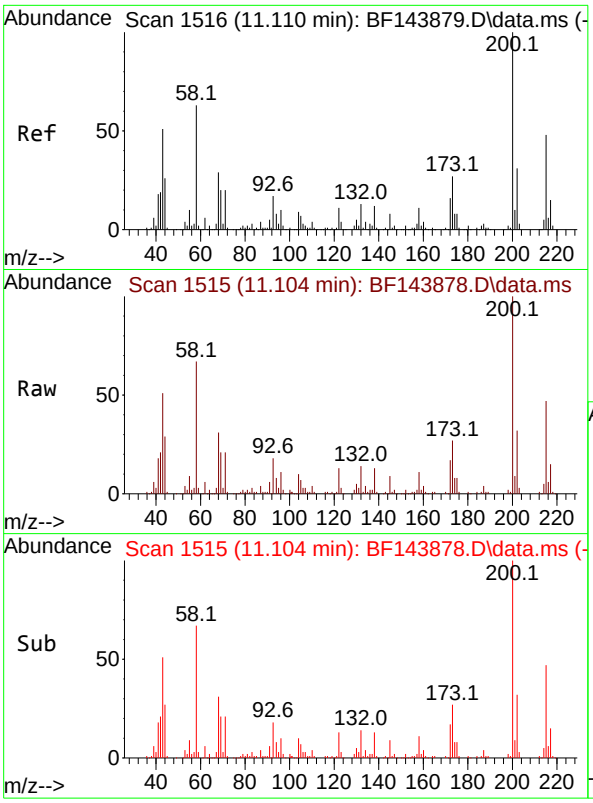


#68
Hexachlorobenzene
Concen: 20.570 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:284 Resp: 141316

Ion	Ratio	Lower	Upper
284	100		
142	25.7	20.6	30.8
249	29.9	23.2	34.8



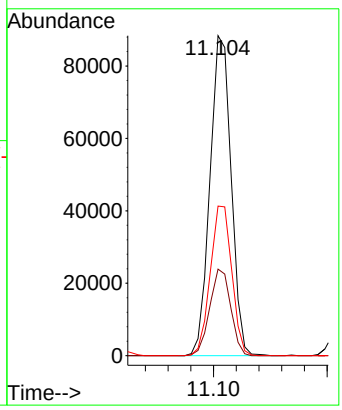


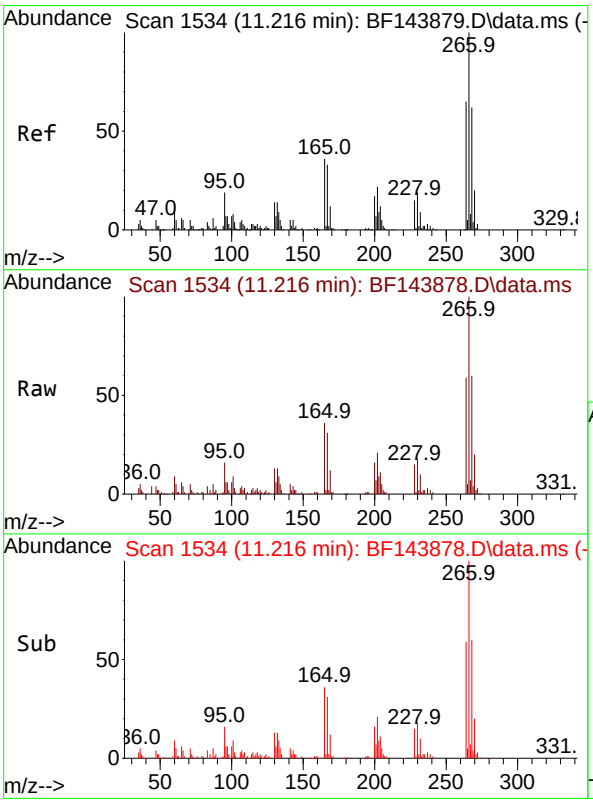
#69
Atrazine
Concen: 22.405 ng
RT: 11.104 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:200 Resp: 114492

Ion	Ratio	Lower	Upper
200	100		
173	27.1	7.0	47.0
215	46.7	27.8	67.8

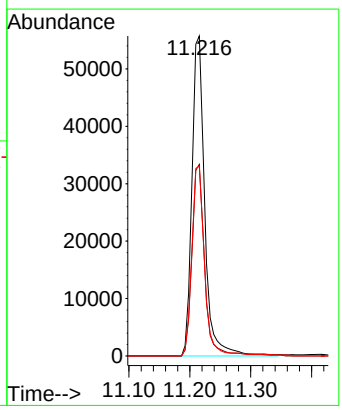


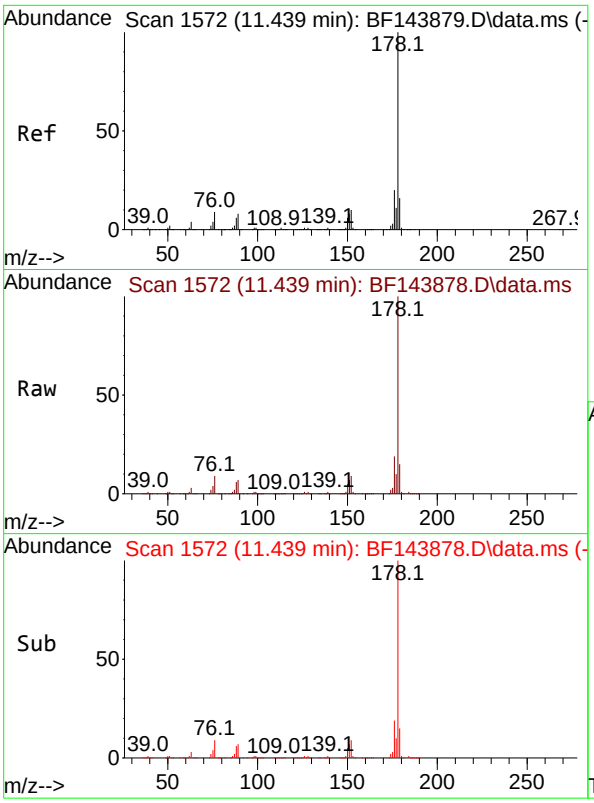


#70
Pentachlorophenol
Concen: 20.687 ng
RT: 11.216 min Scan# 1534
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:266 Resp: 81624

Ion	Ratio	Lower	Upper
266	100		
268	59.8	49.4	74.0
264	59.4	51.8	77.6



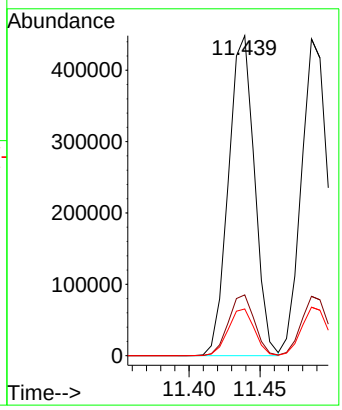


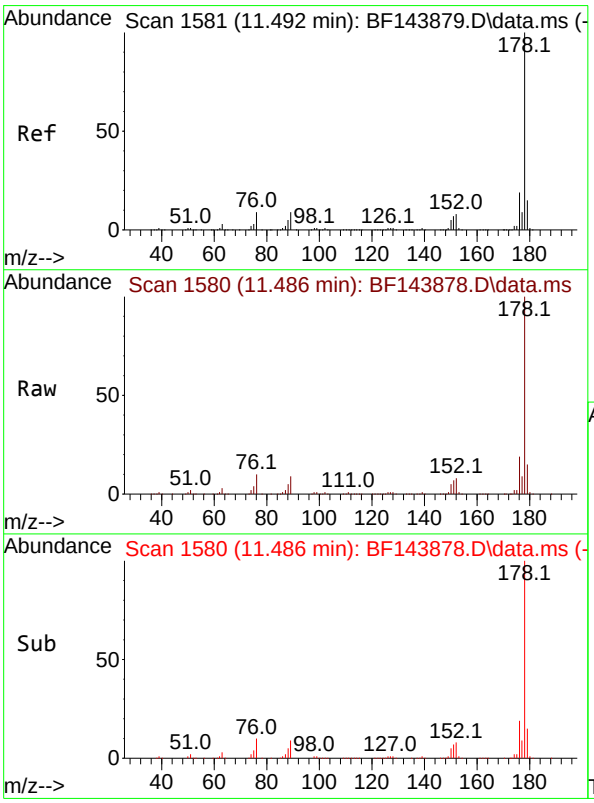
#71
Phenanthrene
Concen: 21.979 ng
RT: 11.439 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:178 Resp: 572157

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.9	23.9
179	14.6	12.4	18.6

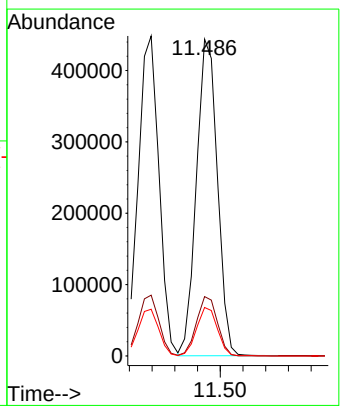


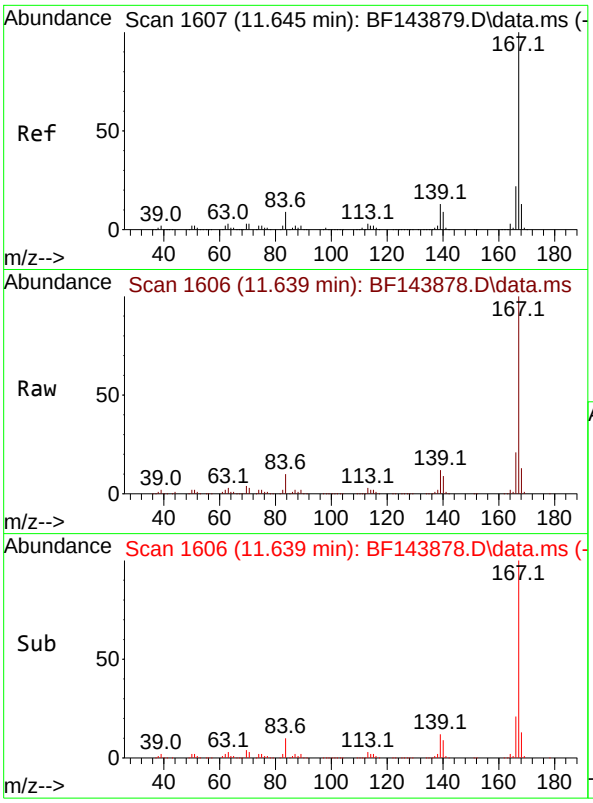


#72
Anthracene
Concen: 21.588 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:178 Resp: 567724

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.3	12.2	18.2



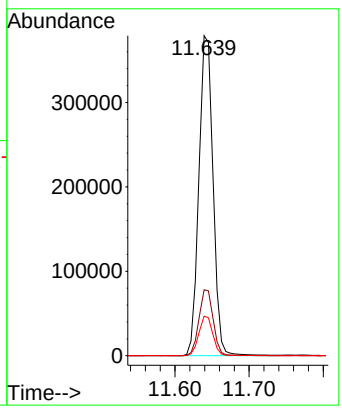


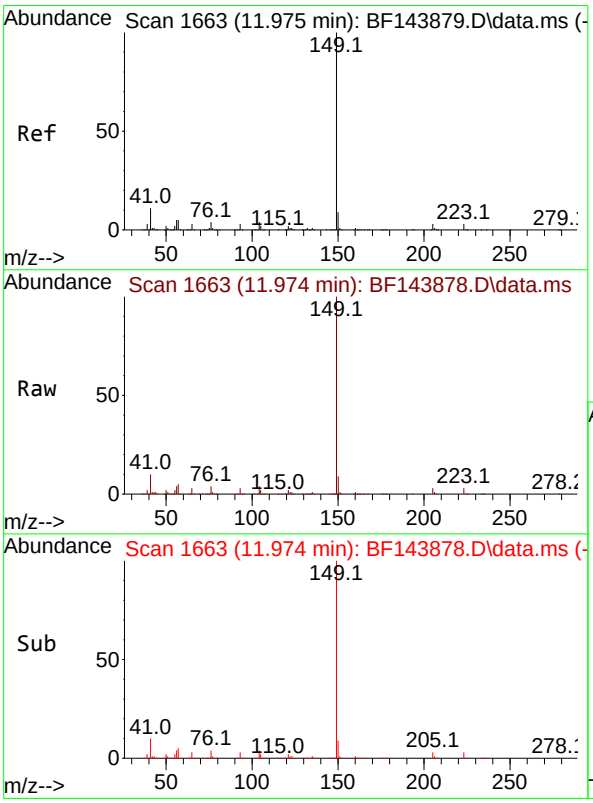
#73
Carbazole
Concen: 21.651 ng
RT: 11.639 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:167 Resp: 504282

Ion	Ratio	Lower	Upper
167	100		
166	20.6	17.2	25.8
139	12.4	10.1	15.1

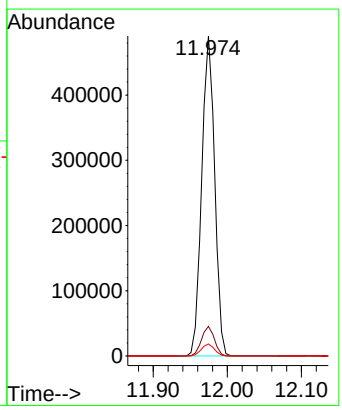


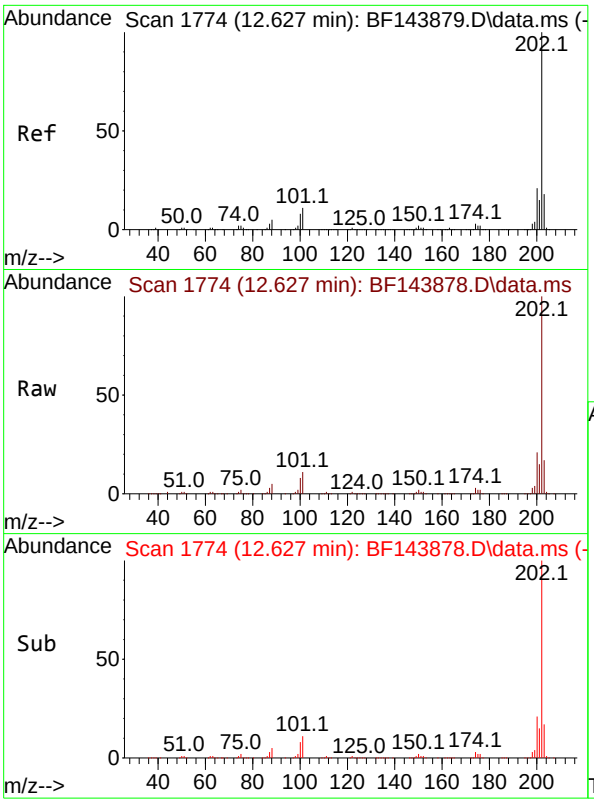


#74
Di-n-butylphthalate
Concen: 22.047 ng
RT: 11.974 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:149 Resp: 595140

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	3.8	3.4	5.2



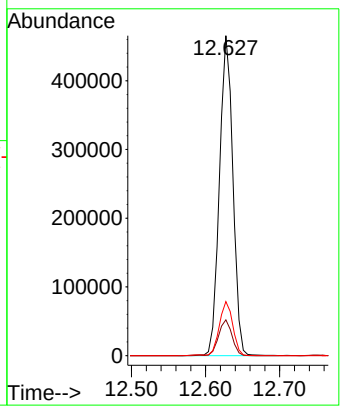


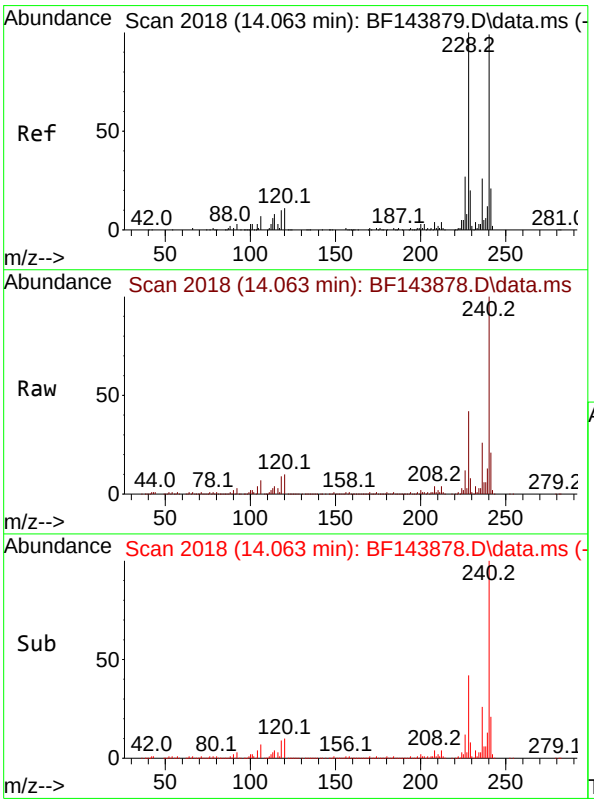
#75
Fluoranthene
Concen: 21.843 ng
RT: 12.627 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:202 Resp: 587348

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	30.7
203	16.9	0.0	37.8

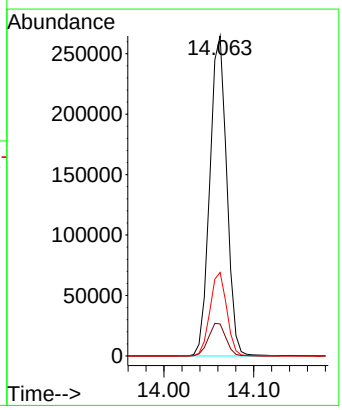


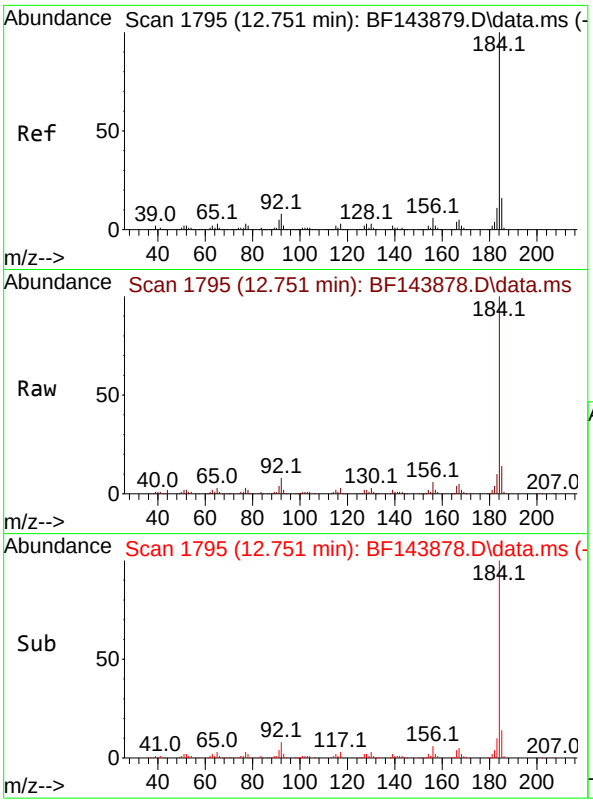


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.005 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:240 Resp: 346764

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.6	13.0
236	26.1	21.1	31.7



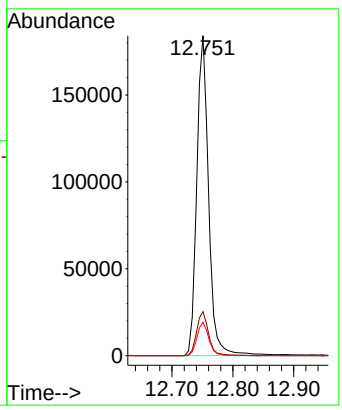


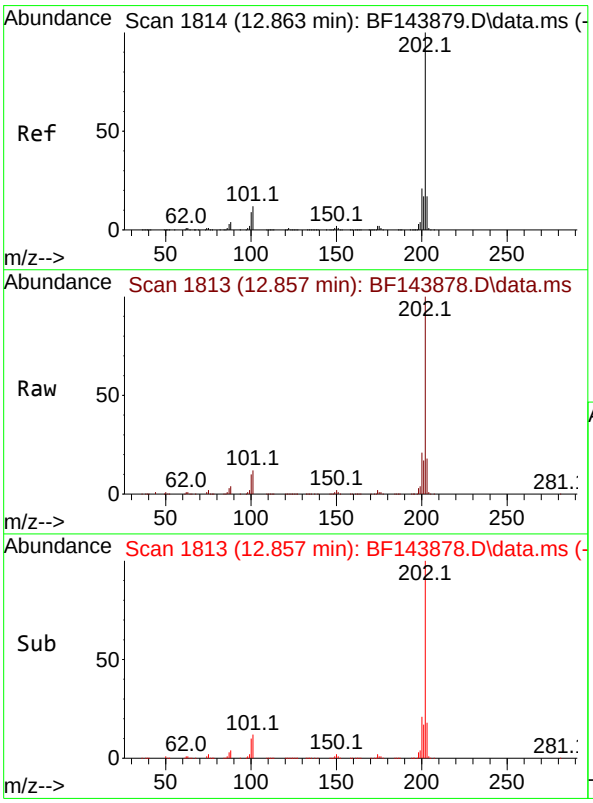
#77
Benzidine
Concen: 20.710 ng
RT: 12.751 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:184 Resp: 249358

Ion	Ratio	Lower	Upper
184	100		
185	13.7	12.6	18.8
183	10.5	8.8	13.2

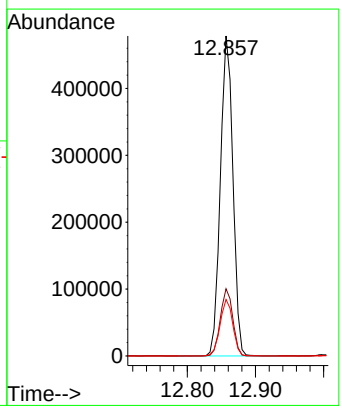


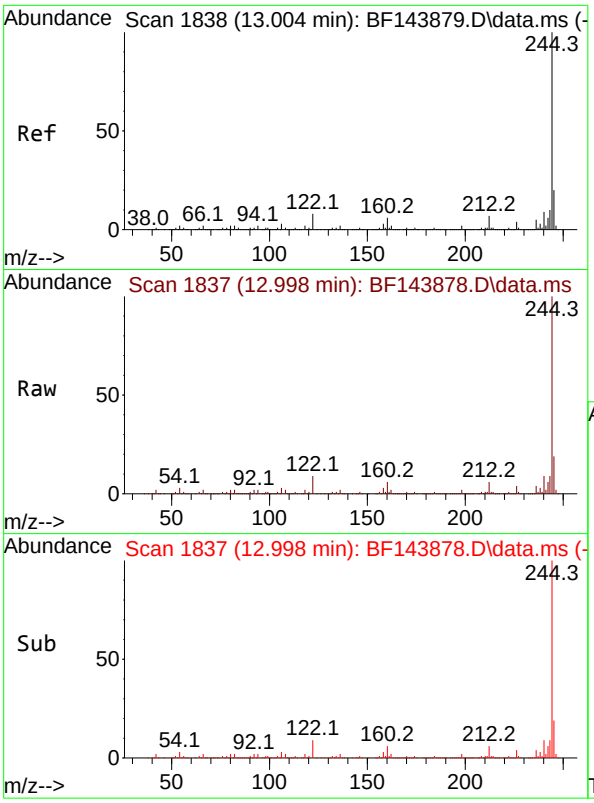


#78
Pyrene
Concen: 21.215 ng
RT: 12.857 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:202 Resp: 613300

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.6
203	17.6	13.8	20.6



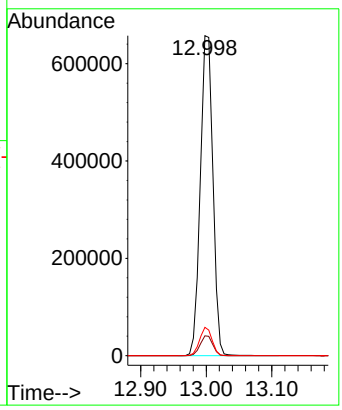


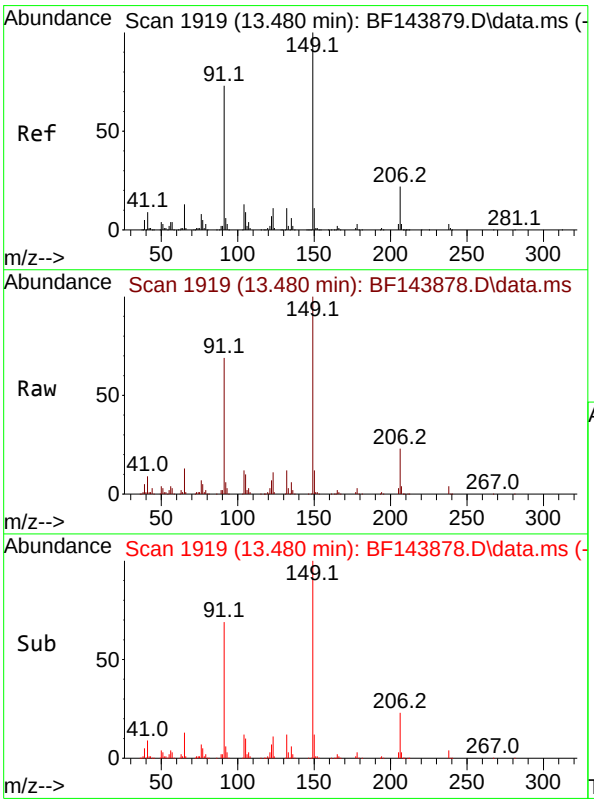
#79
Terphenyl-d14
Concen: 43.445 ng
RT: 12.998 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:244 Resp: 881486

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.4	8.0
122	8.9	6.4	9.6

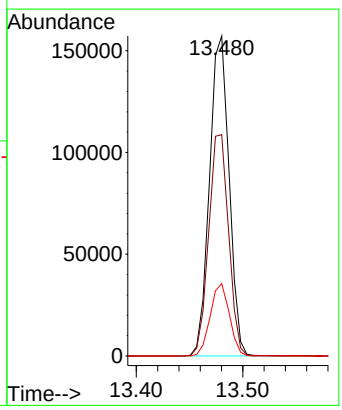


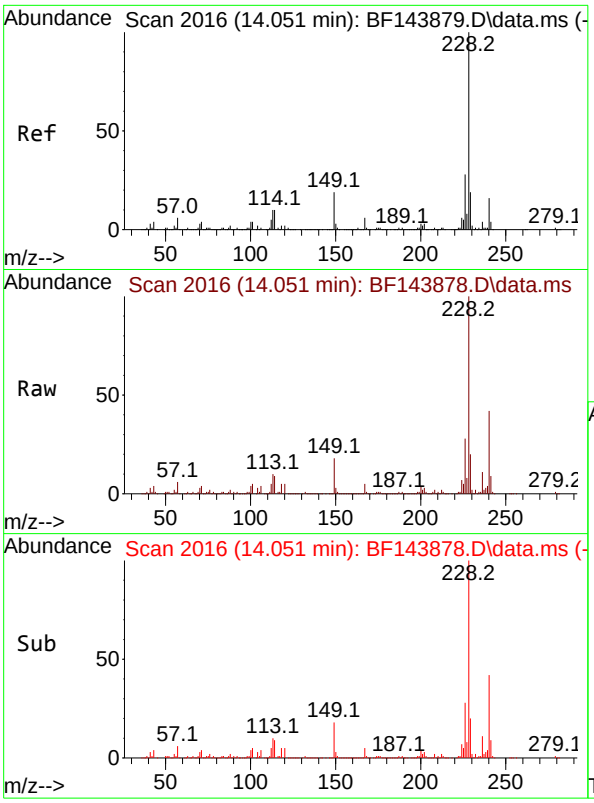


#80
Butylbenzylphthalate
Concen: 21.391 ng
RT: 13.480 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:149 Resp: 200832

Ion	Ratio	Lower	Upper
149	100		
91	69.2	58.2	87.2
206	22.6	17.9	26.9



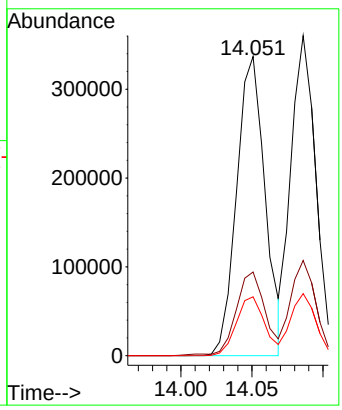


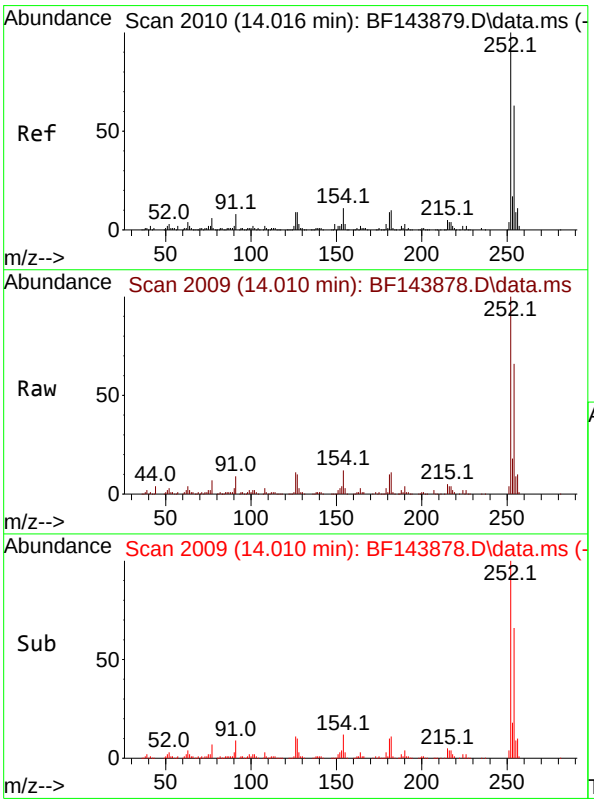
#81
Benzo(a)anthracene
Concen: 20.693 ng
RT: 14.051 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 469566

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.2	33.2
229	19.7	15.6	23.4

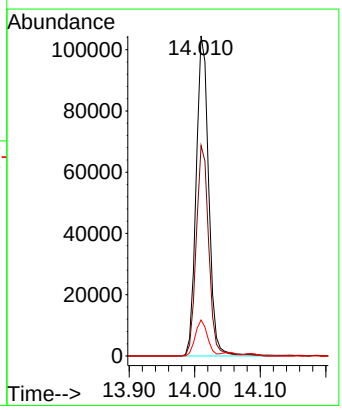


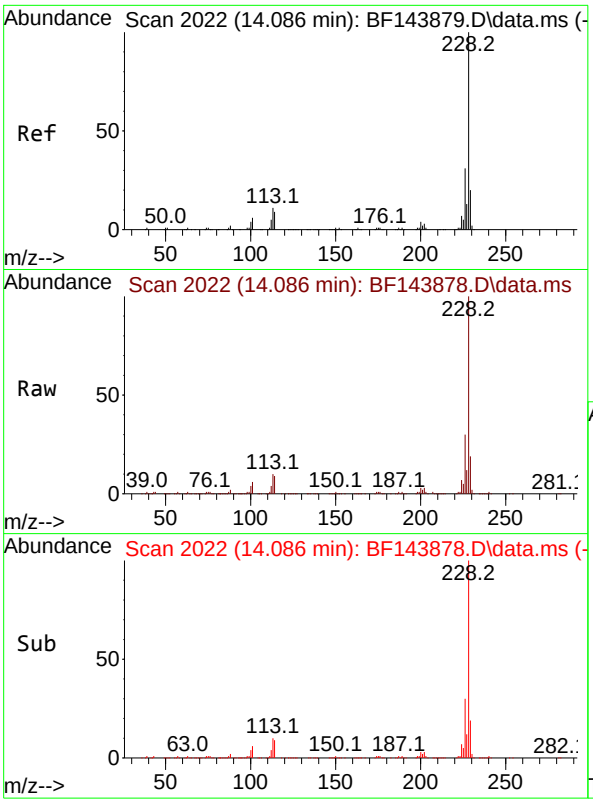


#82
3,3'-Dichlorobenzidine
Concen: 20.219 ng
RT: 14.010 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:252 Resp: 139822

Ion	Ratio	Lower	Upper
252	100		
254	65.7	50.6	76.0
126	11.3	7.0	10.6#



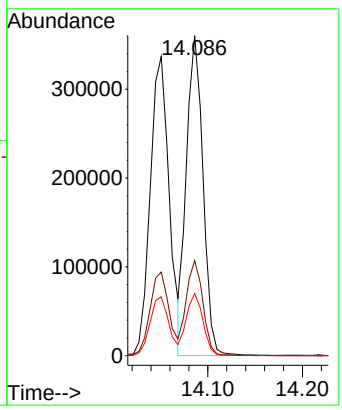


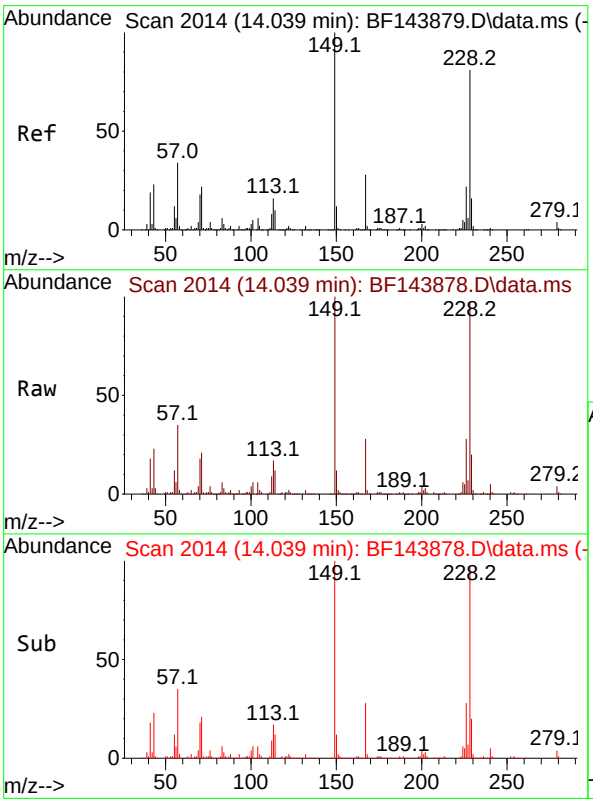
#83
Chrysene
Concen: 20.920 ng
RT: 14.086 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 439378

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.4	36.6
229	19.4	15.9	23.9

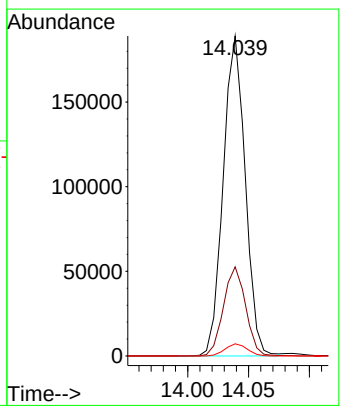


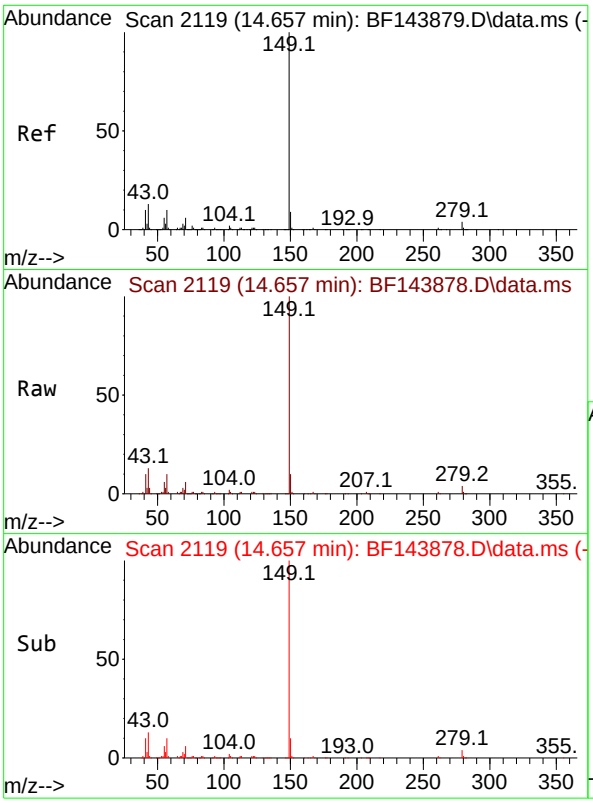


#84
Bis(2-ethylhexyl)phthalate
Concen: 21.041 ng
RT: 14.039 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:149 Resp: 238132

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.2	33.4
279	3.8	3.1	4.7



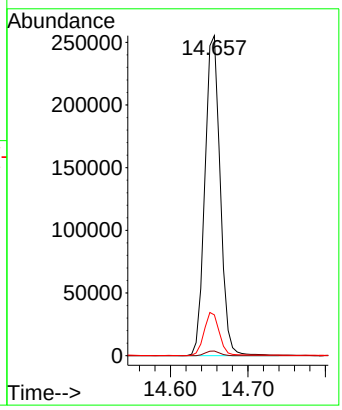


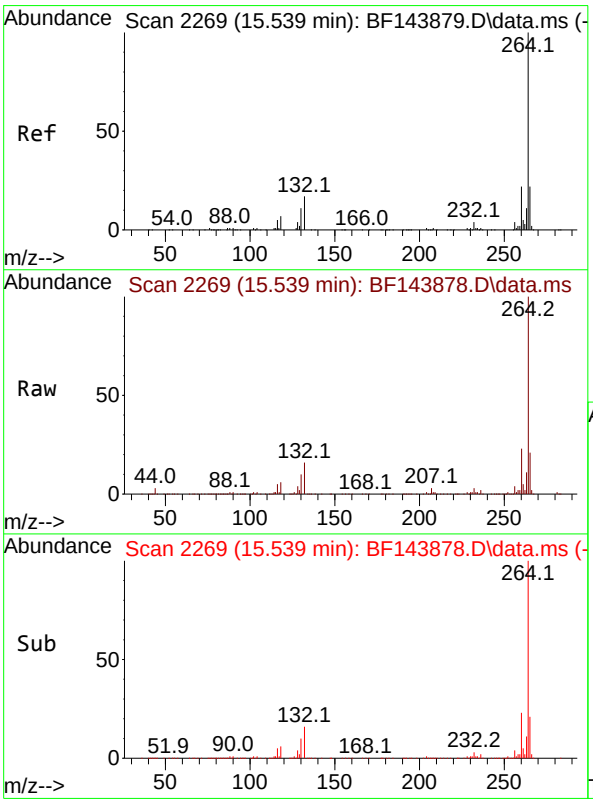
#85
Di-n-octyl phthalate
Concen: 18.814 ng
RT: 14.657 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:149 Resp: 349721

Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.1	1.7
43	13.8	11.0	16.4

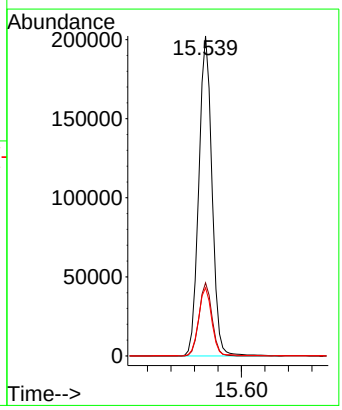


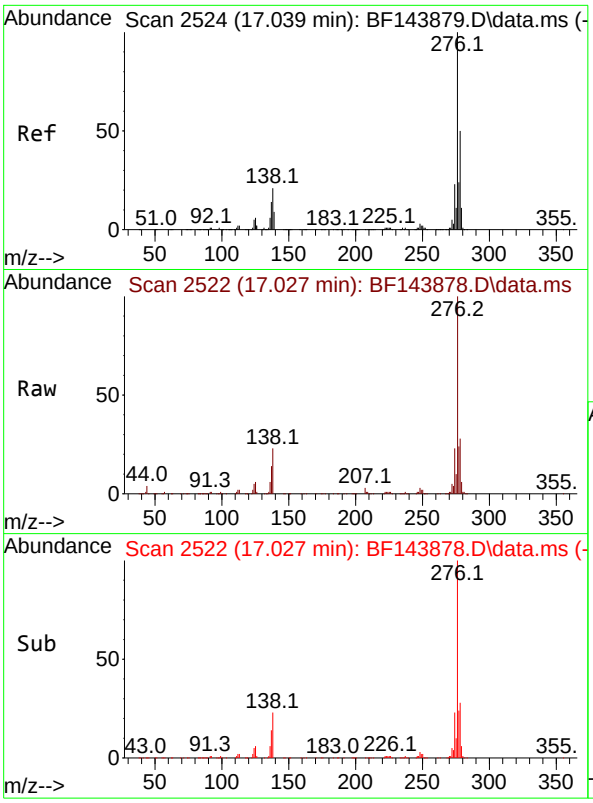


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:264 Resp: 314616

Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.8	26.8
265	21.3	17.5	26.3



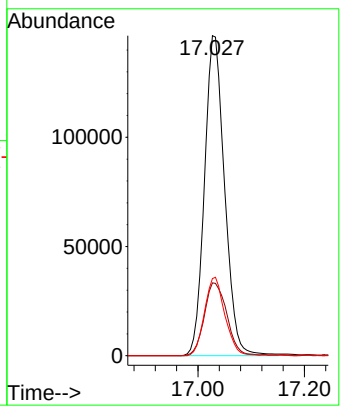


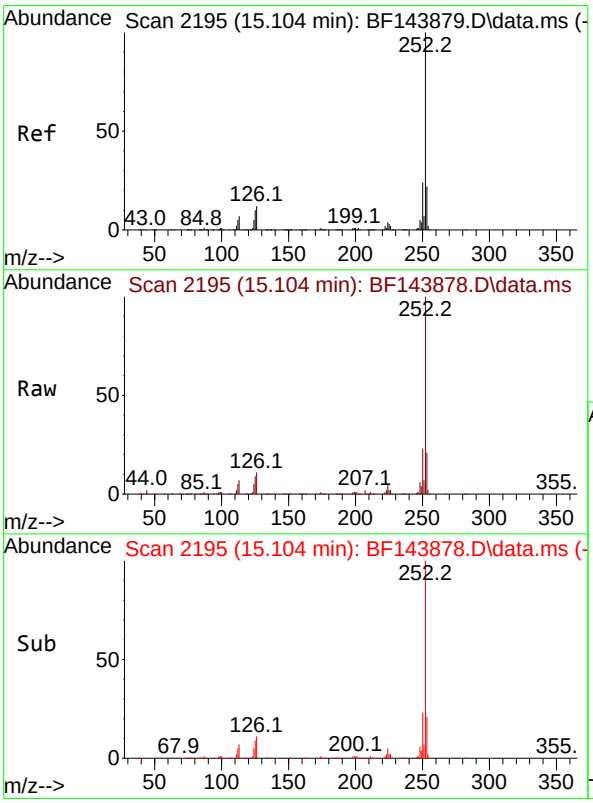
#87
Indeno(1,2,3-cd)pyrene
Concen: 19.942 ng
RT: 17.027 min Scan# 2
Delta R.T. -0.029 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:276 Resp: 384441

Ion	Ratio	Lower	Upper
276	100		
138	25.5	18.2	27.2
277	25.0	19.8	29.6

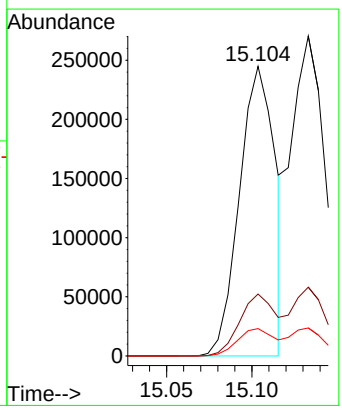


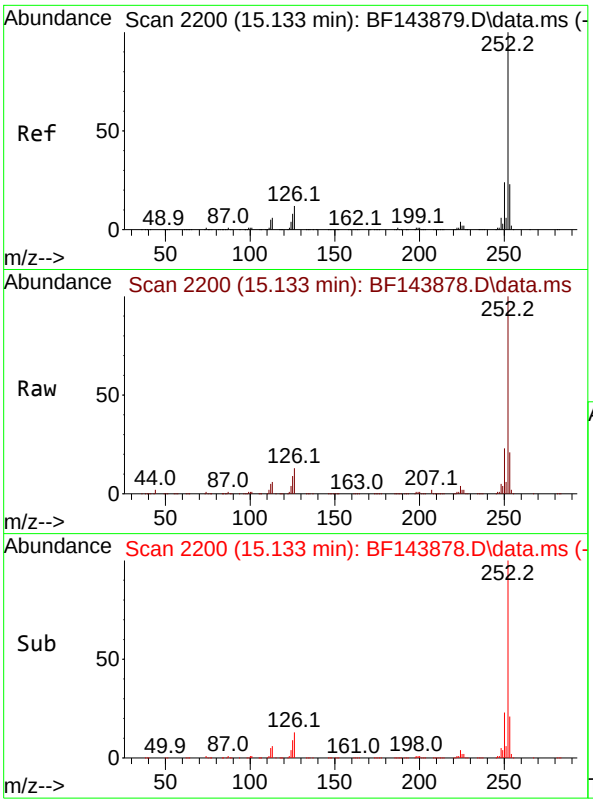


#88
Benzo(b)fluoranthene
Concen: 19.692 ng
RT: 15.104 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:252 Resp: 355882

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.2
125	9.4	7.8	11.6



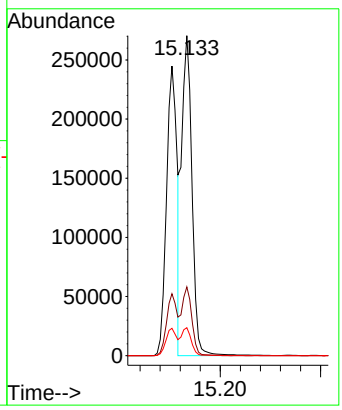


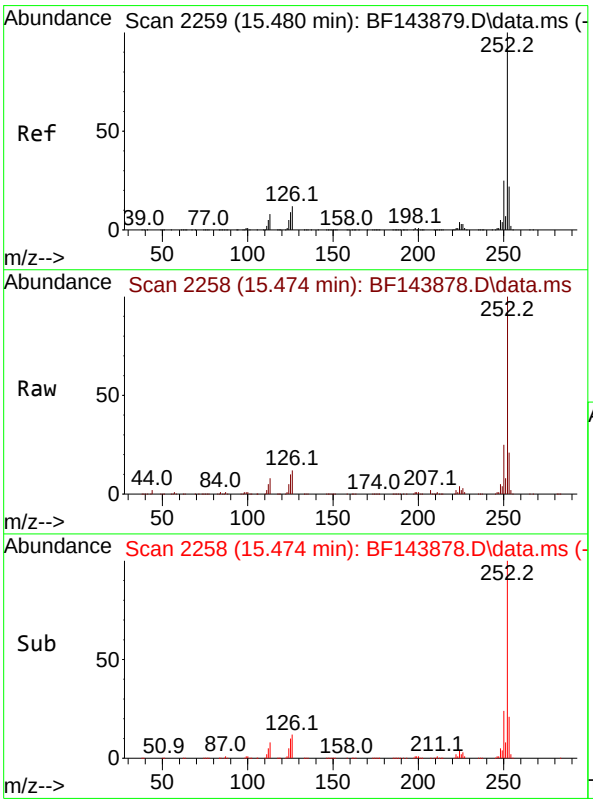
#89
Benzo(k)fluoranthene
Concen: 23.106 ng
RT: 15.133 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:252 Resp: 386399

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.8
125	8.8	7.4	11.2

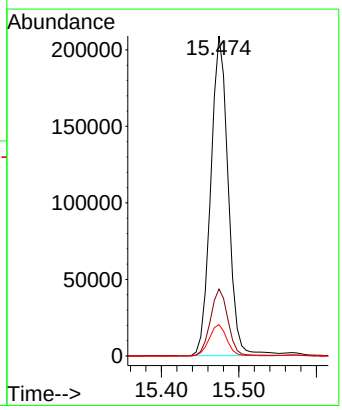


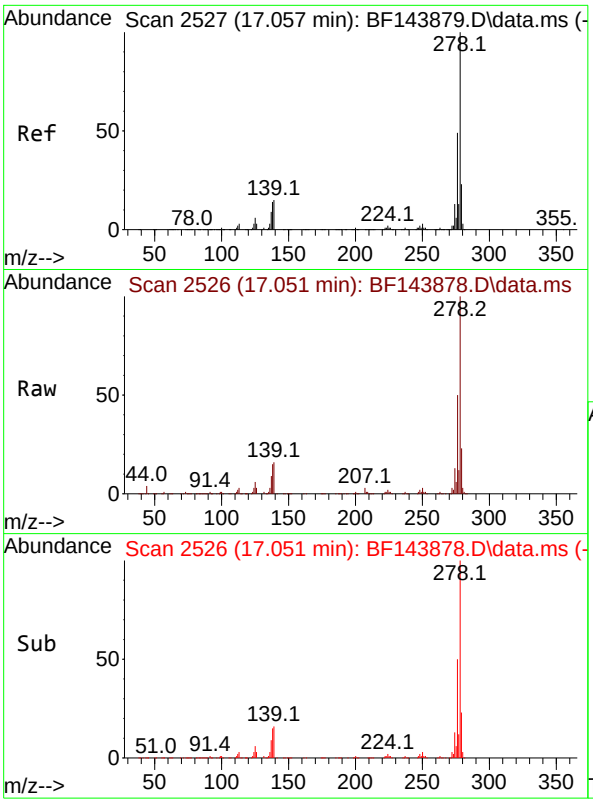


#90
Benzo(a)pyrene
Concen: 20.822 ng
RT: 15.474 min Scan# 2258
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:252 Resp: 326291

Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.3	25.9
125	9.8	7.0	10.4



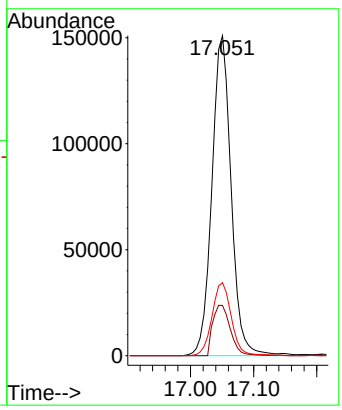


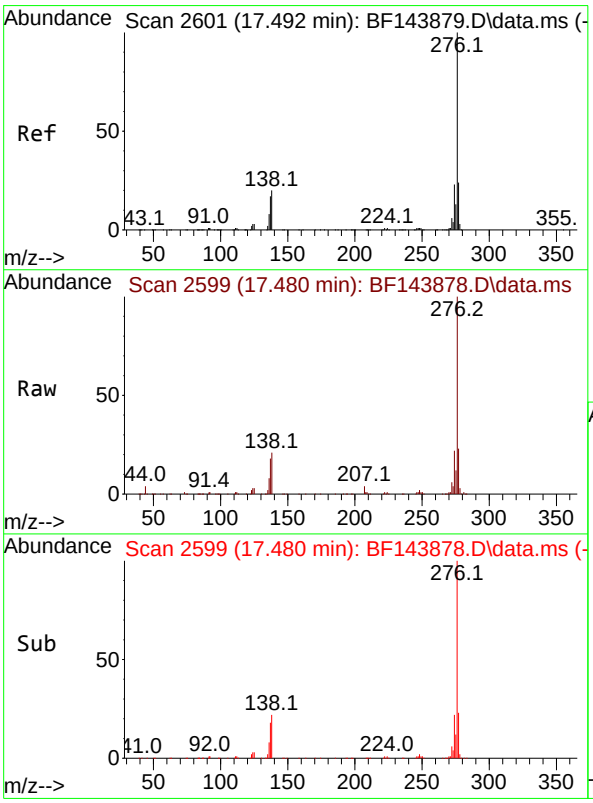
#91
Dibenzo(a,h)anthracene
Concen: 20.589 ng
RT: 17.051 min Scan# 2
Delta R.T. -0.029 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:278 Resp: 319216

Ion	Ratio	Lower	Upper
278	100		
139	15.7	11.7	17.5
279	22.8	18.4	27.6

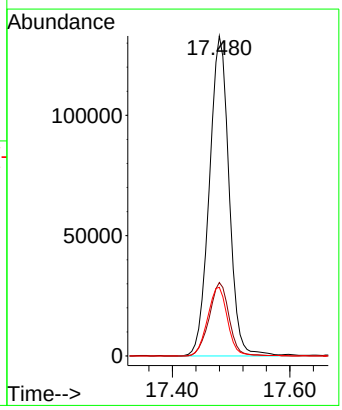




#92
Benzo(g,h,i)perylene
Concen: 19.937 ng
RT: 17.480 min Scan# 2599
Delta R.T. -0.035 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:276 Resp: 309120

Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.0	28.6
138	21.5	16.1	24.1



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143879.D
Acq On : 06 Oct 2025 12:54
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Oct 06 15:38:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	124152	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	479933	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	260024	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	444949	20.000	ng	0.00
76) Chrysene-d12	14.063	240	254576	20.000	ng	0.00
86) Perylene-d12	15.539	264	250969	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	649121	83.027	ng	0.00
7) Phenol-d6	6.504	99	765629	82.158	ng	-0.01
23) Nitrobenzene-d5	7.445	82	662754	83.898	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	215478	83.200	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1273210	77.695	ng	0.00
79) Terphenyl-d14	13.004	244	1302632	87.451	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.646	88	151157	41.781	ng	100
3) Pyridine	3.410	79	439985	41.775	ng	100
4) n-Nitrosodimethylamine	3.357	42	225827	40.760	ng	100
6) Aniline	6.545	93	581779	41.662	ng	100
8) 2-Chlorophenol	6.663	128	321394	42.055	ng	100
9) Benzaldehyde	6.434	77	330062	45.914	ng	100
10) Phenol	6.516	94	485057	43.538	ng	100
11) bis(2-Chloroethyl)ether	6.616	93	358980	41.712	ng	100
12) 1,3-Dichlorobenzene	6.822	146	376359	41.141	ng	100
13) 1,4-Dichlorobenzene	6.898	146	372118	41.238	ng	100
14) 1,2-Dichlorobenzene	7.051	146	356137	41.204	ng	100
15) Benzyl Alcohol	7.022	79	291212	41.707	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.151	45	804199	41.052	ng	100
17) 2-Methylphenol	7.128	107	261669	41.430	ng	100
18) Hexachloroethane	7.398	117	124325	41.313	ng	100
19) n-Nitroso-di-n-propyla...	7.298	70	254701	39.929	ng	100
20) 3+4-Methylphenols	7.281	107	314281	42.934	ng	100
22) Acetophenone	7.292	105	415513	40.946	ng	100
24) Nitrobenzene	7.463	77	375708	42.828	ng	100
25) Isophorone	7.704	82	677007	40.645	ng	100
26) 2-Nitrophenol	7.781	139	167096	44.428	ng	100
27) 2,4-Dimethylphenol	7.810	122	282923	41.818	ng	100
28) bis(2-Chloroethoxy)met...	7.916	93	425986	40.486	ng	100
29) 2,4-Dichlorophenol	8.022	162	294452	41.782	ng	100
30) 1,2,4-Trichlorobenzene	8.104	180	286330	41.312	ng	100
31) Naphthalene	8.187	128	894263	40.961	ng	100
32) Benzoic acid	7.916	122	191998	41.005	ng	100
33) 4-Chloroaniline	8.234	127	340866	41.630	ng	100
34) Hexachlorobutadiene	8.304	225	198282	41.170	ng	100
35) Caprolactam	8.604	113	91458	40.816	ng	100
36) 4-Chloro-3-methylphenol	8.710	107	275908	40.758	ng	100
37) 2-Methylnaphthalene	8.881	142	591428	40.669	ng	100
38) 1-Methylnaphthalene	8.981	142	581114	41.196	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	306622	42.665	ng	100
41) Hexachlorocyclopentadiene	9.034	237	133694	44.842	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	231469	44.081	ng	100

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143879.D
Acq On : 06 Oct 2025 12:54
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Oct 06 15:38:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	237161	42.739	ng	100
46) 1,1'-Biphenyl	9.345	154	714293	41.490	ng	100
47) 2-Chloronaphthalene	9.369	162	591442	41.204	ng	100
48) 2-Nitroaniline	9.463	65	203733	44.894	ng	100
49) Acenaphthylene	9.786	152	844067	41.828	ng	100
50) Dimethylphthalate	9.639	163	671290	40.653	ng	100
51) 2,6-Dinitrotoluene	9.704	165	136198	44.481	ng	100
52) Acenaphthene	9.957	154	547286	41.390	ng	100
53) 3-Nitroaniline	9.875	138	159366	42.507	ng	100
54) 2,4-Dinitrophenol	9.981	184	62187	37.010	ng	100
55) Dibenzofuran	10.128	168	776950	41.625	ng	100
56) 4-Nitrophenol	10.028	139	121519	42.807	ng	100
57) 2,4-Dinitrotoluene	10.110	165	189965	45.597	ng	100
58) Fluorene	10.475	166	570508	40.506	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	168932	43.006	ng	100
60) Diethylphthalate	10.345	149	635433	41.422	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	310008	41.632	ng	100
62) 4-Nitroaniline	10.486	138	151866	42.123	ng	100
63) Azobenzene	10.628	77	665698	41.521	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	98551	44.075	ng	100
66) n-Nitrosodiphenylamine	10.586	169	583617	41.773	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	205559	41.803	ng	100
68) Hexachlorobenzene	11.022	284	237363	41.695	ng	100
69) Atrazine	11.110	200	173212	40.905	ng	100
70) Pentachlorophenol	11.216	266	140140	42.862	ng	100
71) Phenanthrene	11.439	178	868592	40.266	ng	100
72) Anthracene	11.492	178	912011	41.850	ng	100
73) Carbazole	11.645	167	786783	40.765	ng	100
74) Di-n-butylphthalate	11.975	149	936899	41.884	ng	100
75) Fluoranthene	12.627	202	918503	41.223	ng	100
77) Benzidine	12.751	184	387464	43.833	ng	100
78) Pyrene	12.863	202	948521	44.692	ng	100
80) Butylbenzylphthalate	13.480	149	315716	45.804	ng	100
81) Benzo(a)anthracene	14.051	228	711609	42.715	ng	100
82) 3,3'-Dichlorobenzidine	14.016	252	224071	44.135	ng	100
83) Chrysene	14.086	228	658639	42.717	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	376273	45.286	ng	100
85) Di-n-octyl phthalate	14.657	149	608123	44.561	ng	100
87) Indeno(1,2,3-cd)pyrene	17.039	276	699234	45.470	ng	100
88) Benzo(b)fluoranthene	15.104	252	636888	44.178	ng	100
89) Benzo(k)fluoranthene	15.133	252	556111	41.688	ng	100
90) Benzo(a)pyrene	15.480	252	553098	44.246	ng	100
91) Dibenzo(a,h)anthracene	17.057	278	566134	45.774	ng	100
92) Benzo(g,h,i)perylene	17.492	276	560761	45.340	ng	100

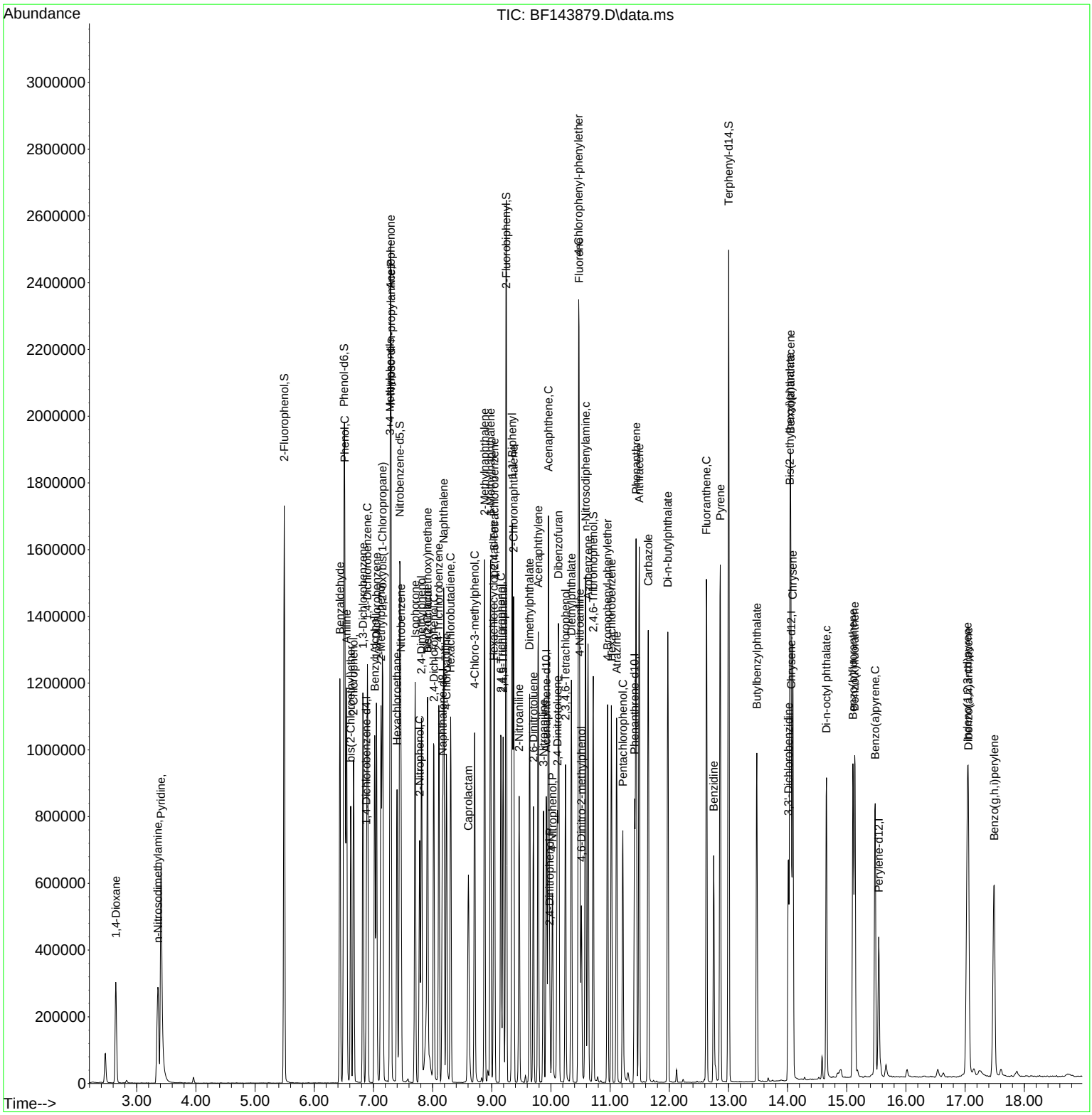
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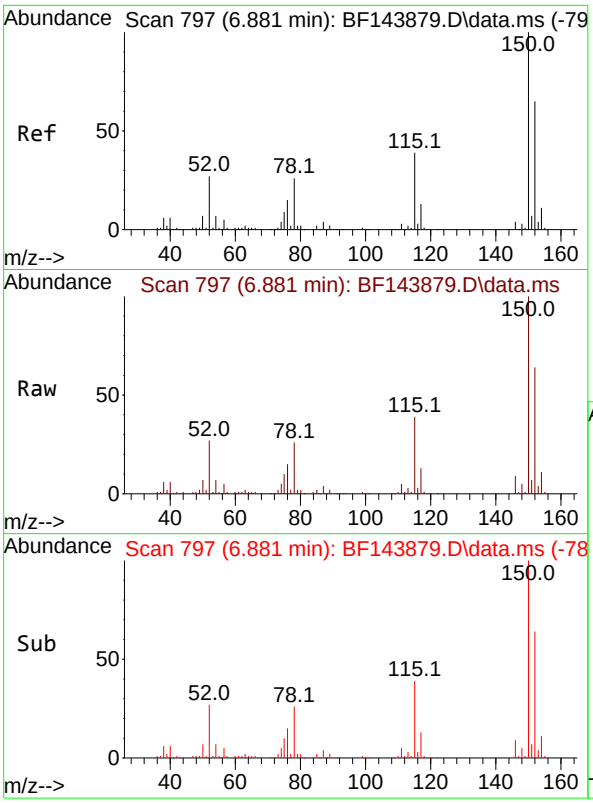
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143879.D
Acq On : 06 Oct 2025 12:54
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Oct 06 15:38:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration



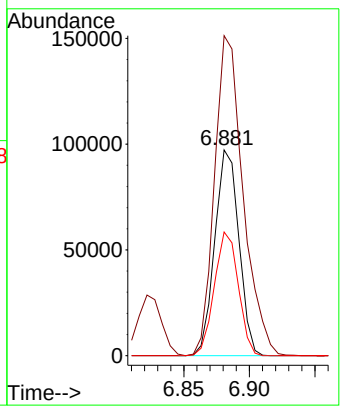


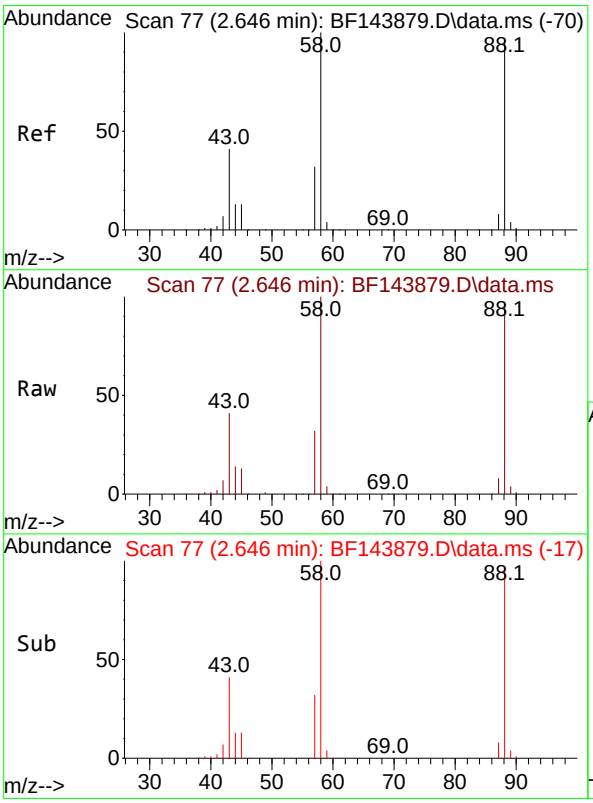
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 7
Delta R.T. -0.005 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 124152

Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.4	186.6
115	60.1	48.1	72.1

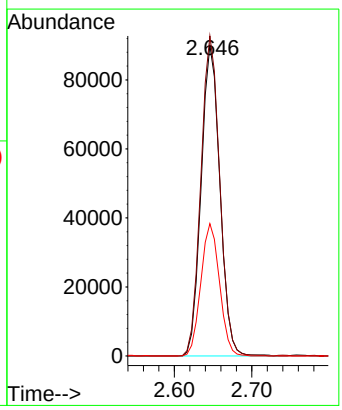


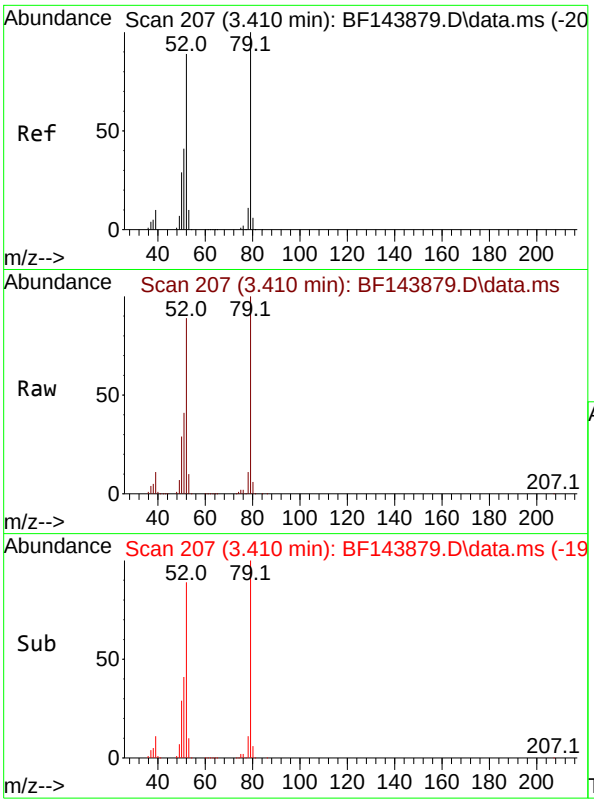


#2
1,4-Dioxane
Concen: 41.781 ng
RT: 2.646 min Scan# 77
Delta R.T. 0.000 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion: 88 Resp: 151157

Ion	Ratio	Lower	Upper
88	100		
58	103.8	83.0	124.6
43	42.4	33.9	50.9



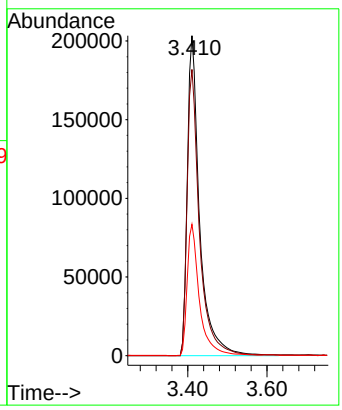


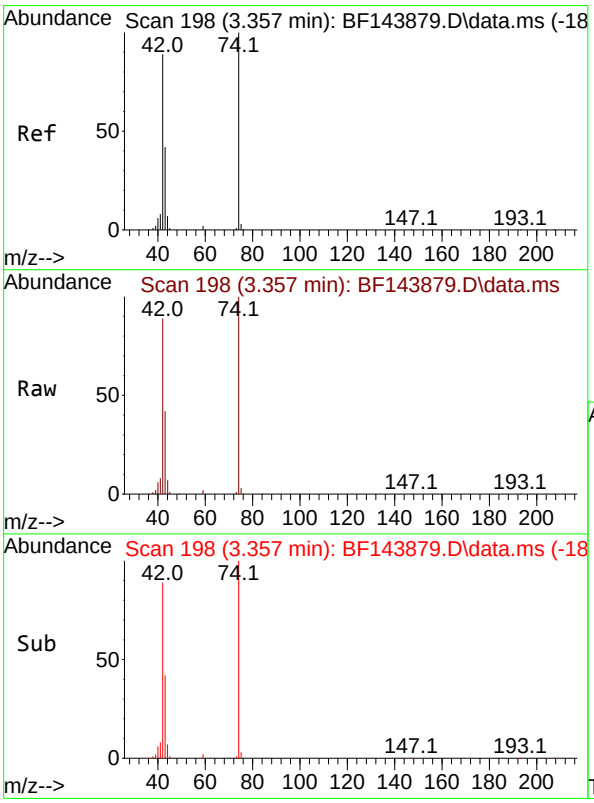
#3
Pyridine
Concen: 41.775 ng
RT: 3.410 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 439985

Ion	Ratio	Lower	Upper
79	100		
52	89.4	71.5	107.3
51	41.1	32.9	49.3

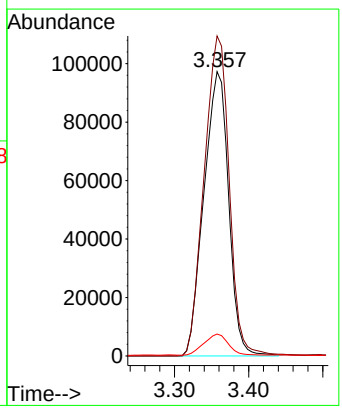


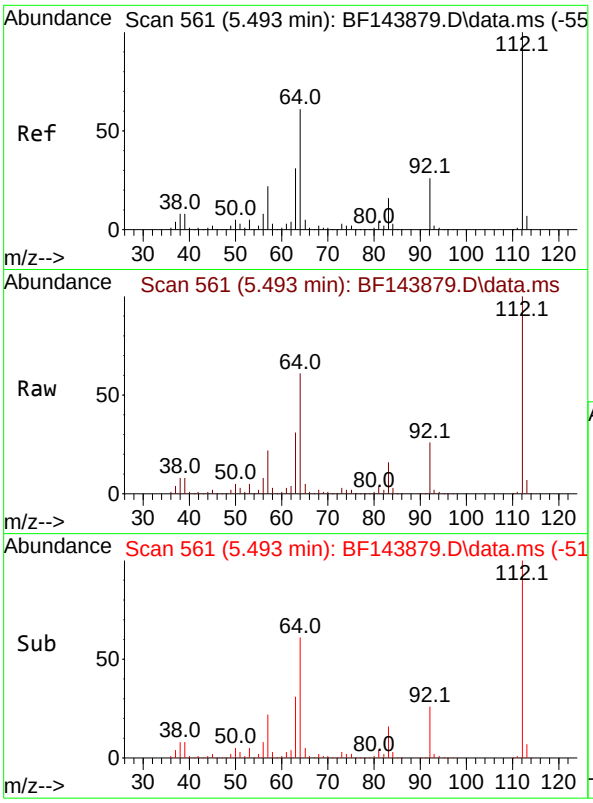


#4
n-Nitrosodimethylamine
Concen: 40.760 ng
RT: 3.357 min Scan# 198
Delta R.T. -0.029 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion: 42 Resp: 225827

Ion	Ratio	Lower	Upper
42	100		
74	112.5	90.0	135.0
44	7.7	6.2	9.2



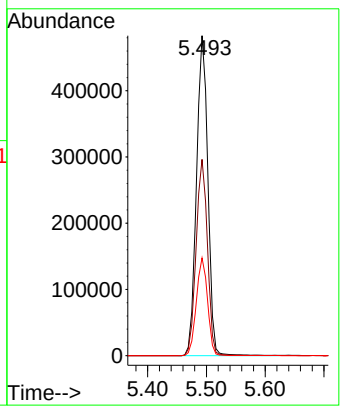


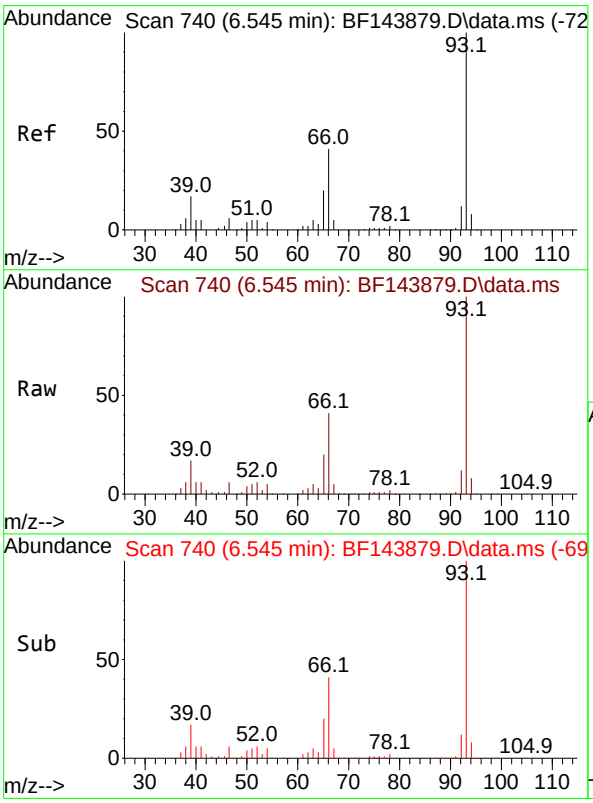
#5
2-Fluorophenol
Concen: 83.027 ng
RT: 5.493 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:112 Resp: 649121

Ion	Ratio	Lower	Upper
112	100		
64	61.4	49.1	73.7
63	30.6	24.5	36.7

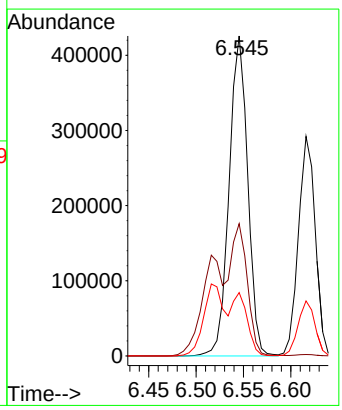


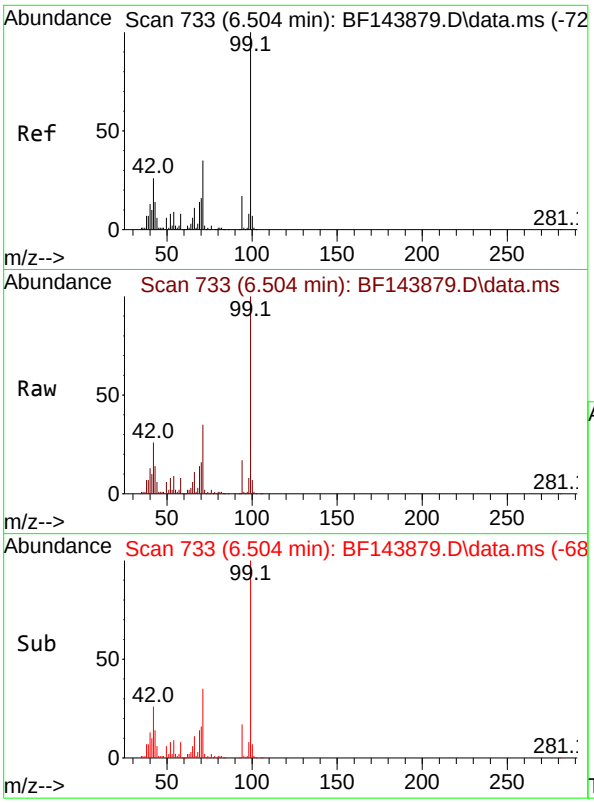


#6
Aniline
Concen: 41.662 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion: 93 Resp: 581779

Ion	Ratio	Lower	Upper
93	100		
66	41.3	33.0	49.6
65	19.8	15.8	23.8



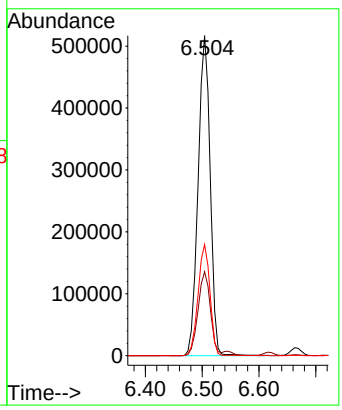


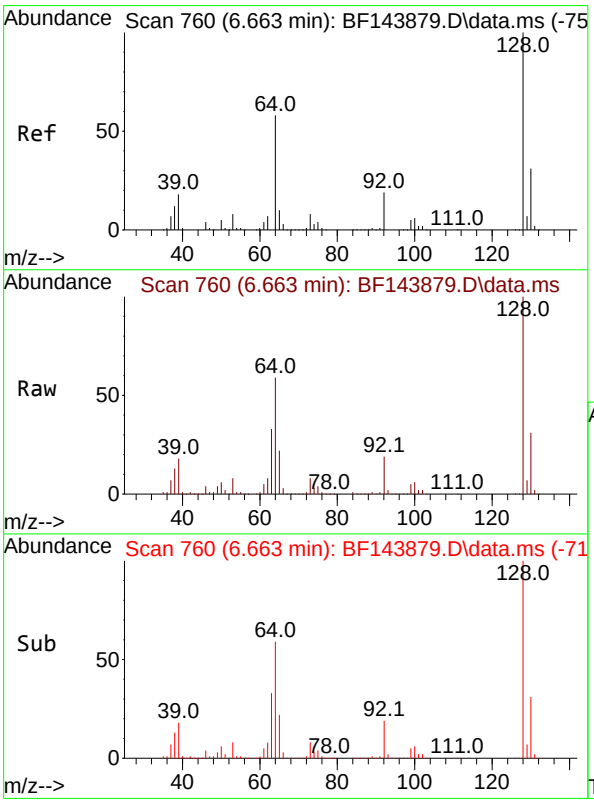
#7
Phenol-d6
Concen: 82.158 ng
RT: 6.504 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 99 Resp: 765629

Ion	Ratio	Lower	Upper
99	100		
42	26.2	21.0	31.4
71	34.8	27.8	41.8

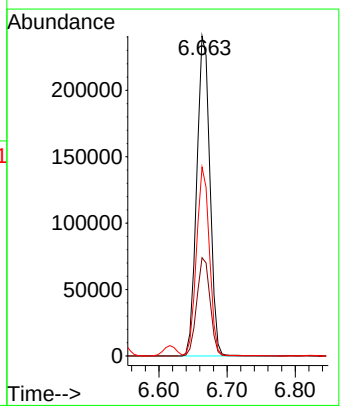


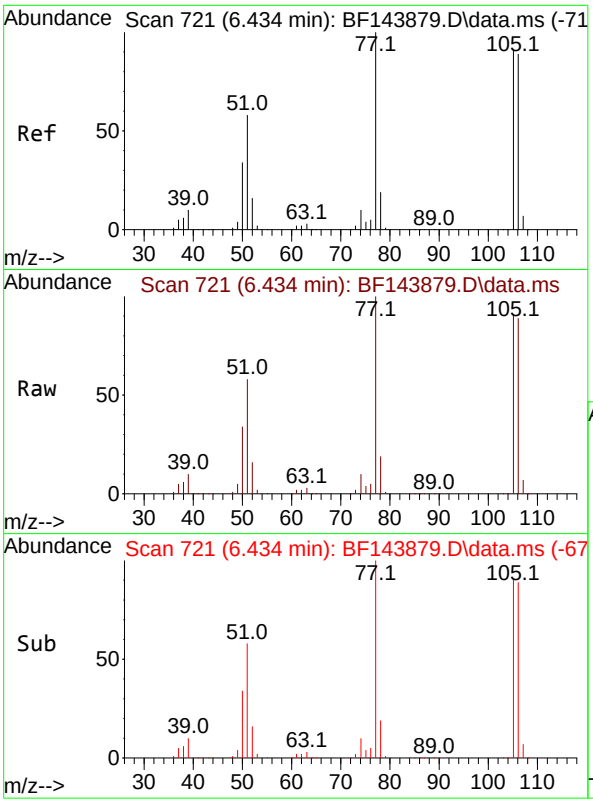


#8
2-Chlorophenol
Concen: 42.055 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:128 Resp: 321394

Ion	Ratio	Lower	Upper
128	100		
130	30.7	10.7	50.7
64	59.0	39.0	79.0



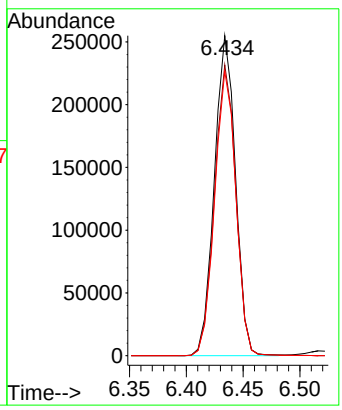


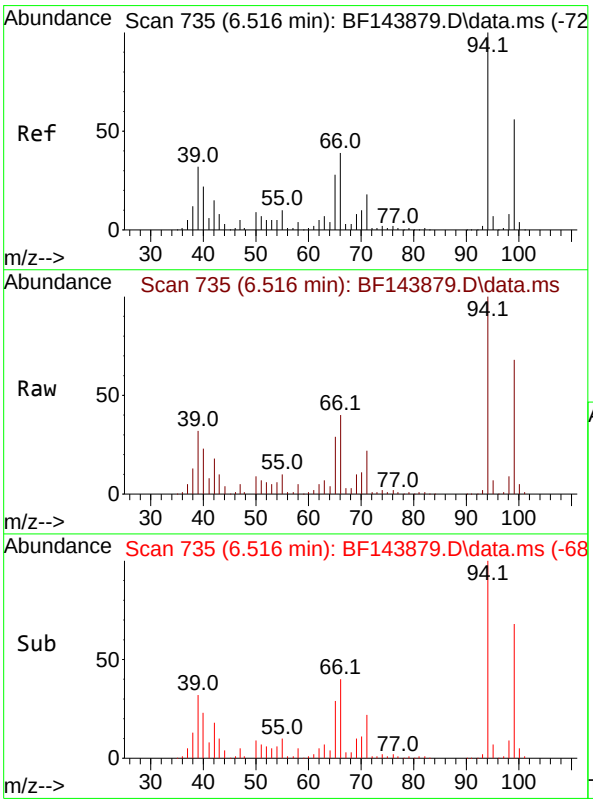
#9
Benzaldehyde
Concen: 45.914 ng
RT: 6.434 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 330062

Ion	Ratio	Lower	Upper
77	100		
105	90.9	70.9	110.9
106	88.9	68.9	108.9

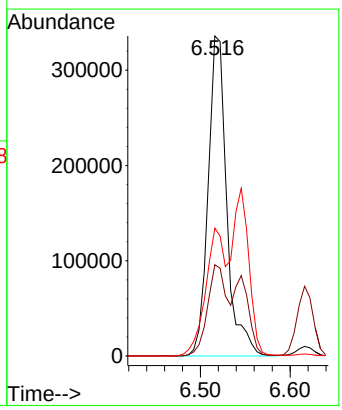


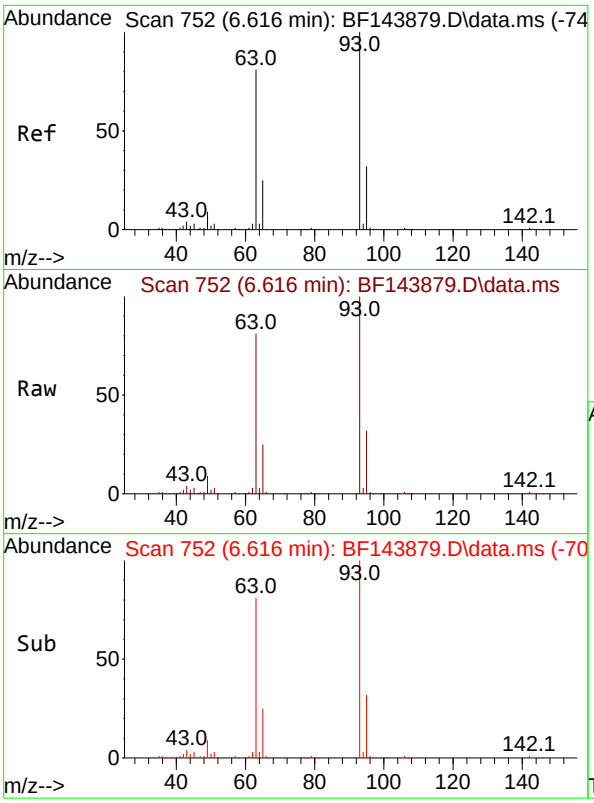


#10
Phenol
Concen: 43.538 ng
RT: 6.516 min Scan# 735
Delta R.T. -0.018 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion: 94 Resp: 485057

Ion	Ratio	Lower	Upper
94	100		
65	28.5	8.5	48.5
66	39.9	19.9	59.9



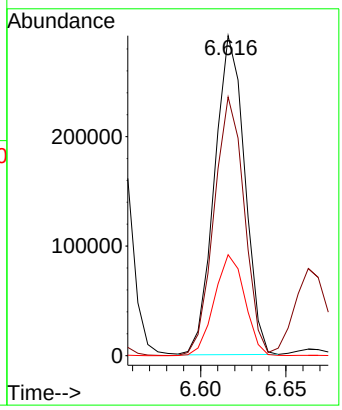


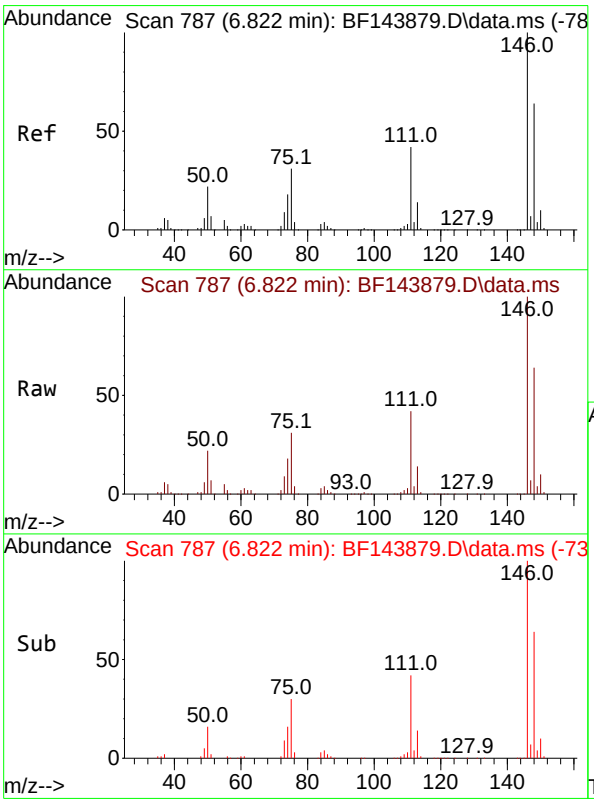
#11
bis(2-Chloroethyl)ether
Concen: 41.712 ng
RT: 6.616 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 93 Resp: 358980

Ion	Ratio	Lower	Upper
93	100		
63	80.9	60.9	100.9
95	31.5	11.5	51.5

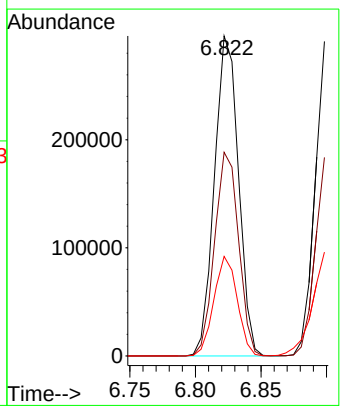


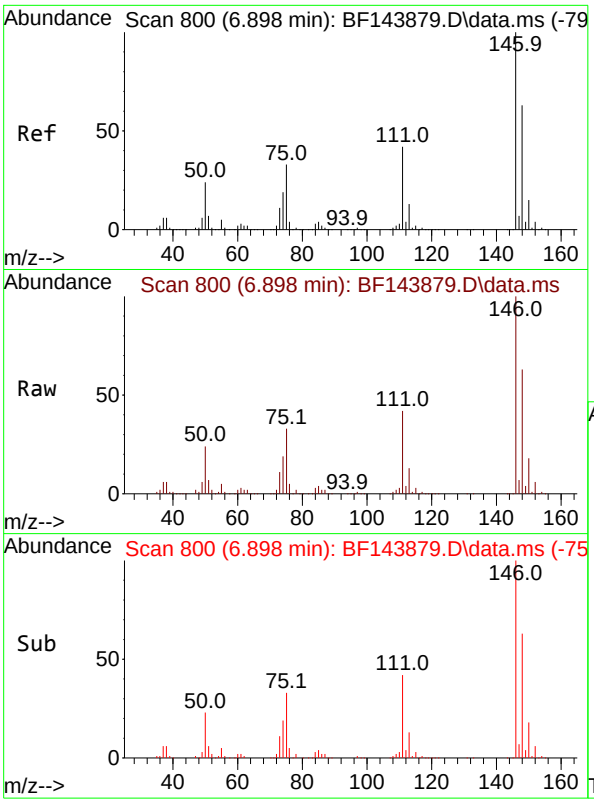


#12
1,3-Dichlorobenzene
Concen: 41.141 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:146 Resp: 376359

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.0	76.4
75	31.1	24.9	37.3



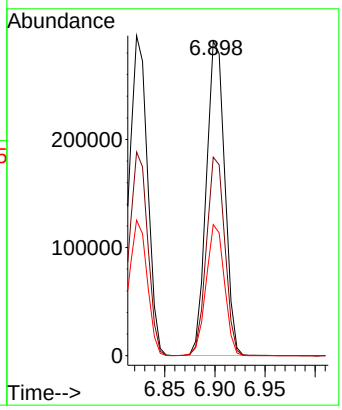


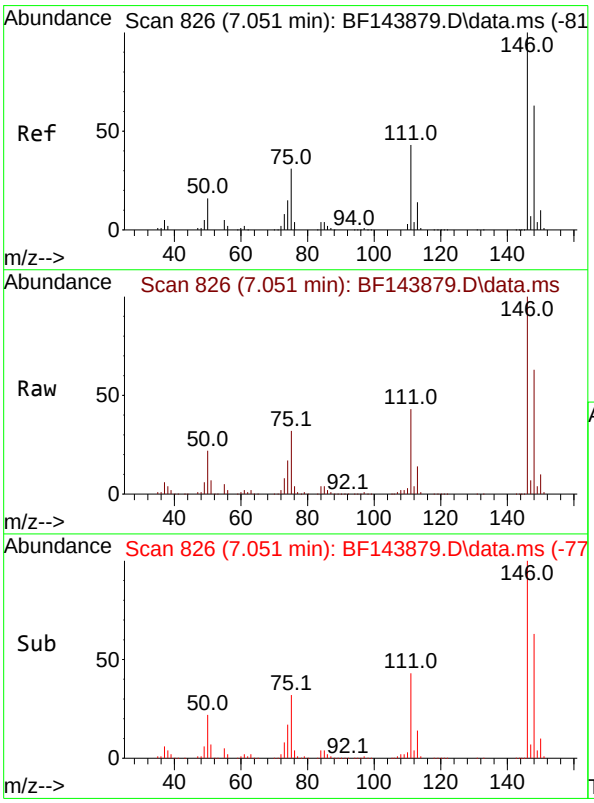
#13
1,4-Dichlorobenzene
Concen: 41.238 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:146 Resp: 372118

Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.5	75.7
111	41.7	33.4	50.0

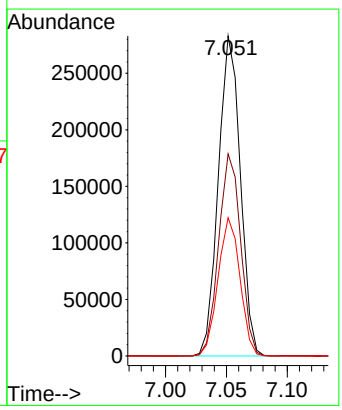


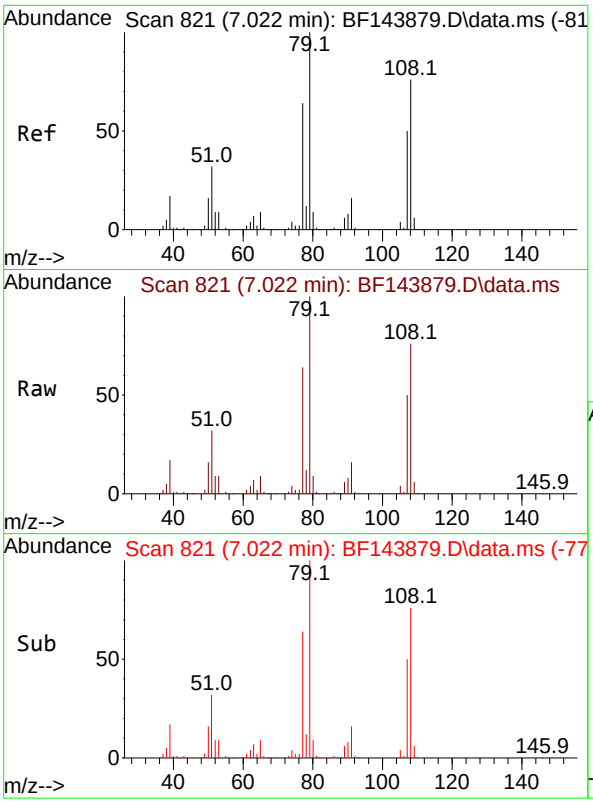


#14
1,2-Dichlorobenzene
Concen: 41.204 ng
RT: 7.051 min Scan# 826
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:146 Resp: 356137

Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.6	75.8
111	43.2	34.6	51.8



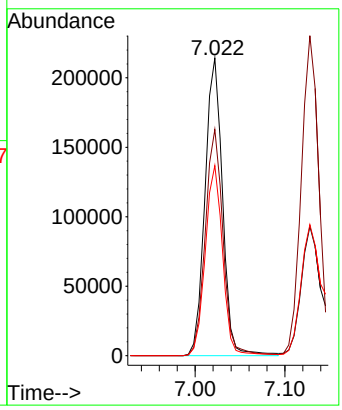


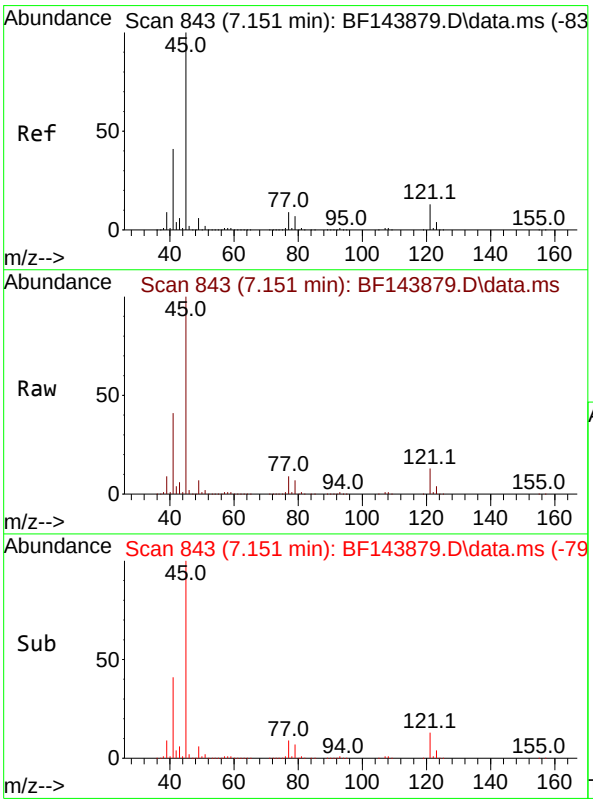
#15
Benzyl Alcohol
Concen: 41.707 ng
RT: 7.022 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 291212

Ion	Ratio	Lower	Upper
79	100		
108	76.0	60.8	91.2
77	63.8	51.0	76.6

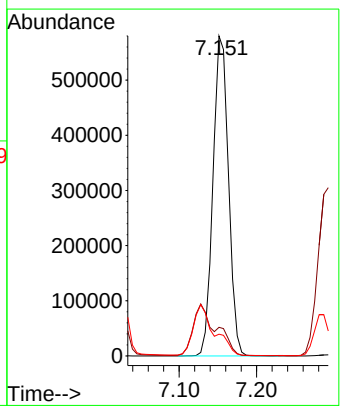


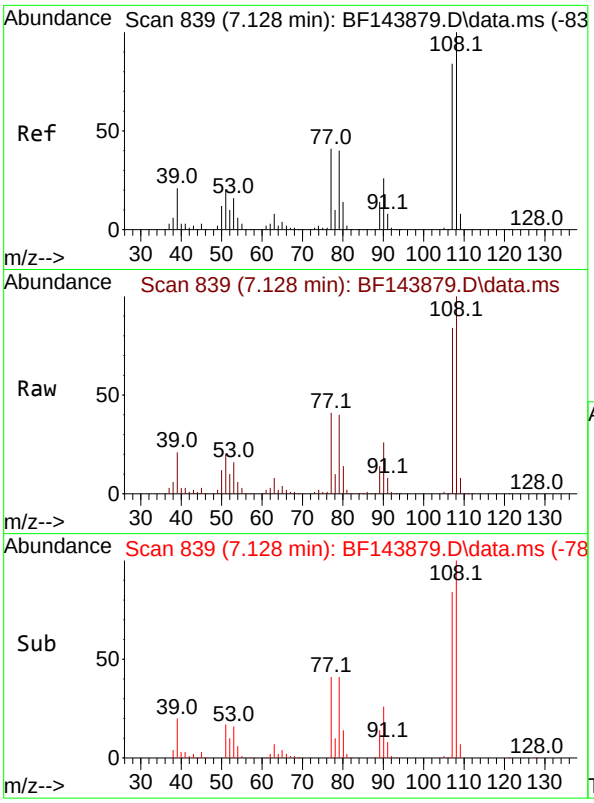


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.052 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion: 45 Resp: 804199

Ion	Ratio	Lower	Upper
45	100		
77	9.0	0.0	29.0
79	6.8	0.0	26.8



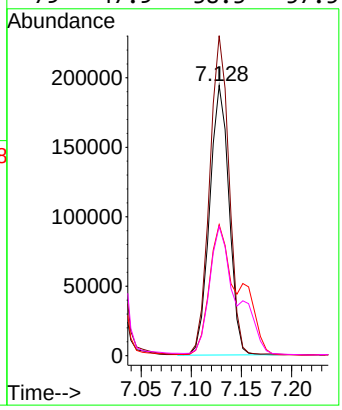


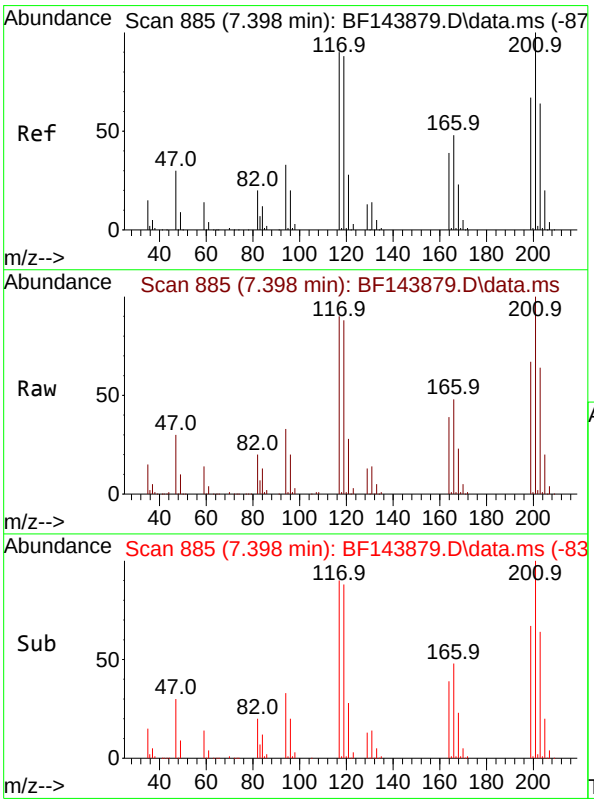
#17
2-Methylphenol
Concen: 41.430 ng
RT: 7.128 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:107 Resp: 261669

Ion	Ratio	Lower	Upper
107	100		
108	118.4	94.7	142.1
77	48.5	38.8	58.2
79	47.9	38.3	57.5

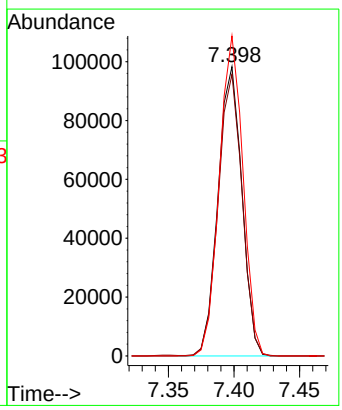


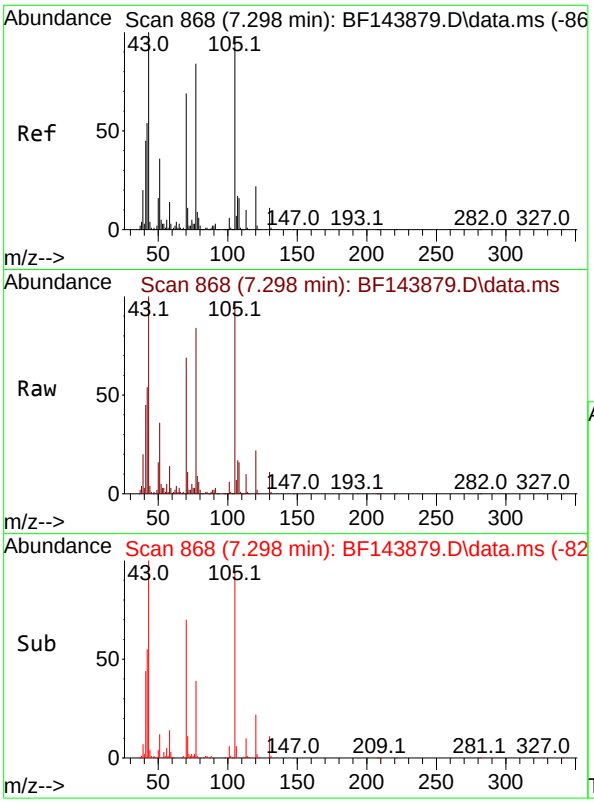


#18
Hexachloroethane
Concen: 41.313 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:117 Resp: 124325

Ion	Ratio	Lower	Upper
117	100		
119	97.3	77.8	116.8
201	110.6	88.5	132.7



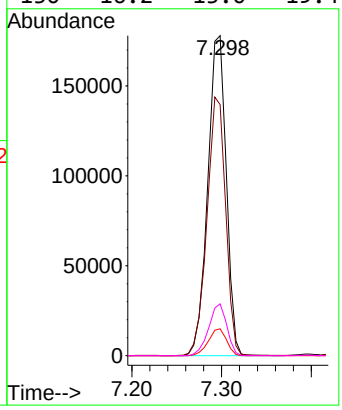


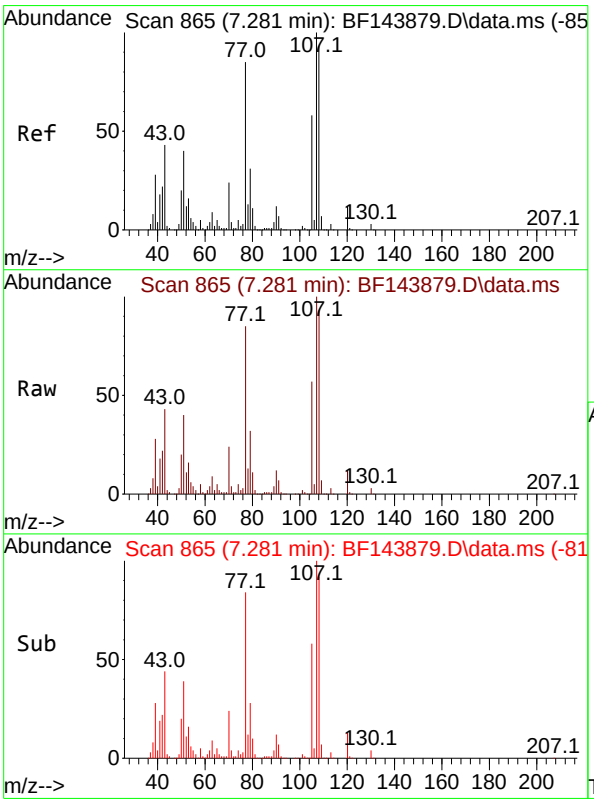
#19
n-Nitroso-di-n-propylamine
Concen: 39.929 ng
RT: 7.298 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 70 Resp: 254701

Ion	Ratio	Lower	Upper
70	100		
42	78.5	62.8	94.2
101	8.4	6.7	10.1
130	16.2	13.0	19.4

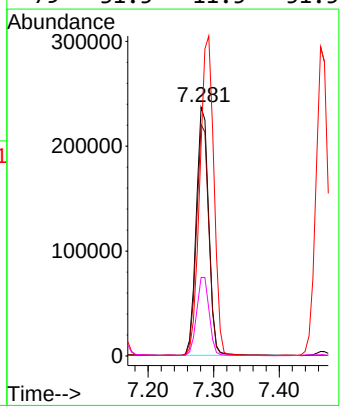


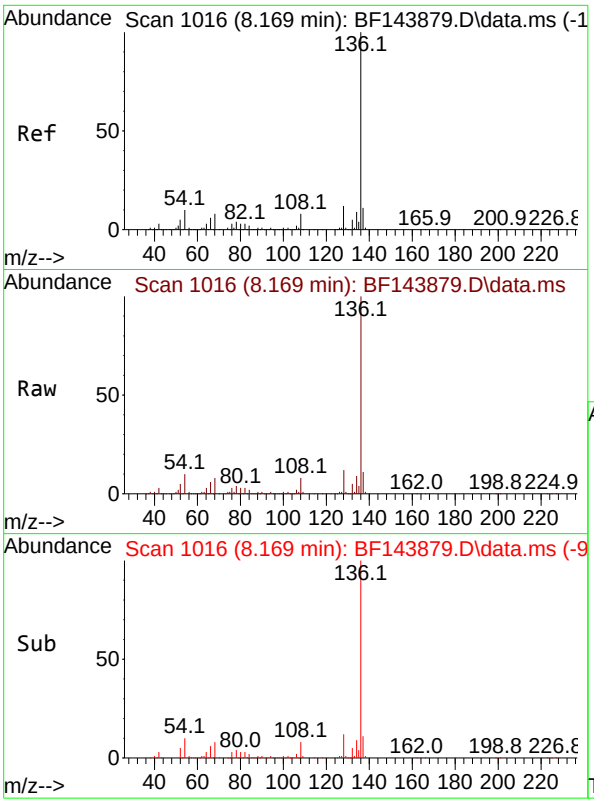


#20
3+4-Methylphenols
Concen: 42.934 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.018 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:107 Resp: 314281

Ion	Ratio	Lower	Upper
107	100		
108	93.0	73.0	113.0
77	84.6	64.6	104.6
79	31.5	11.5	51.5



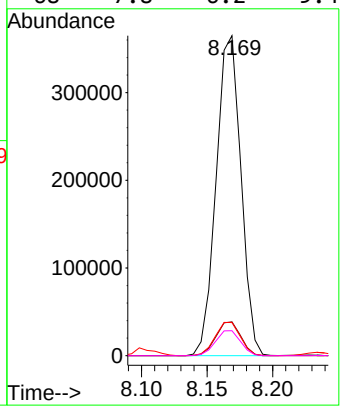


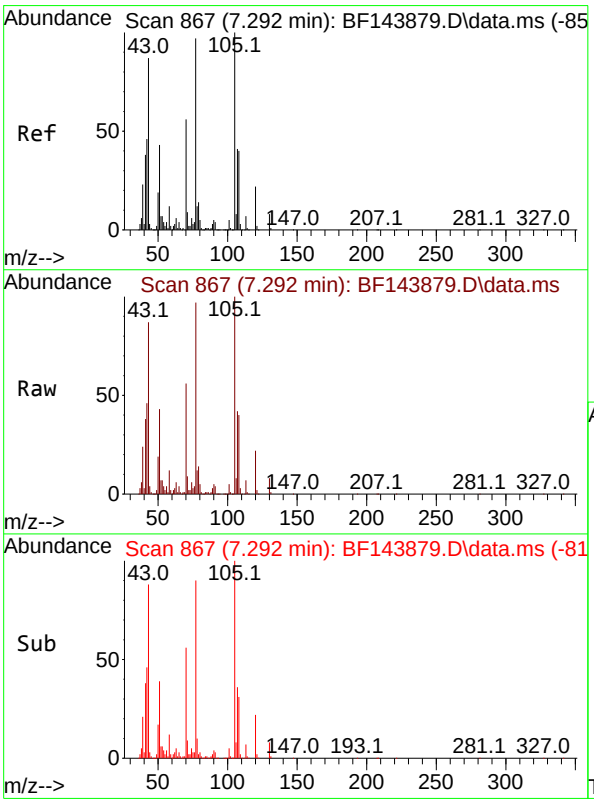
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:136 Resp: 479933

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	10.3	8.2	12.4
68	7.8	6.2	9.4

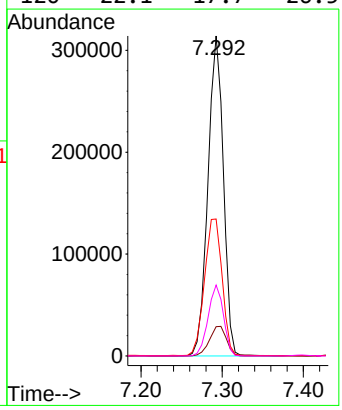


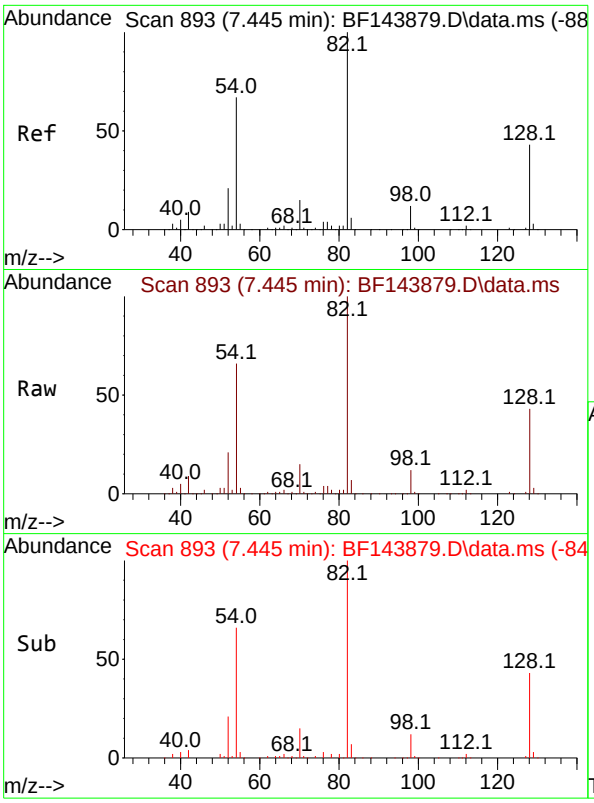


#22
Acetophenone
Concen: 40.946 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:105 Resp: 415513

Ion	Ratio	Lower	Upper
105	100		
71	9.2	7.4	11.0
51	42.8	34.2	51.4
120	22.1	17.7	26.5



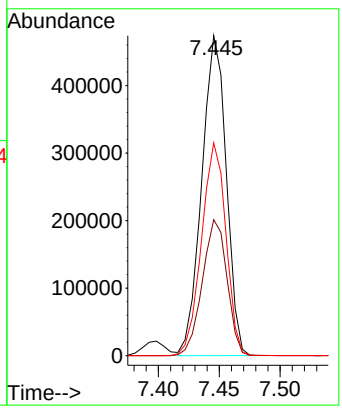


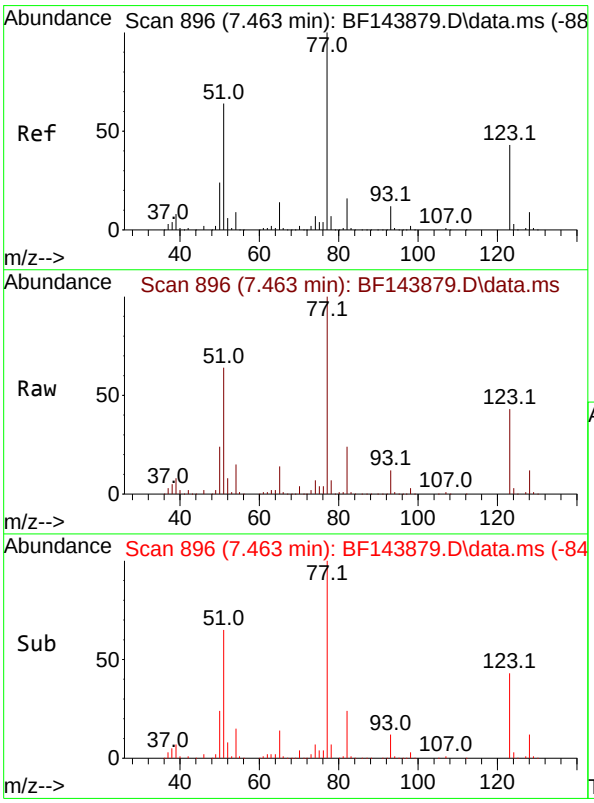
#23
Nitrobenzene-d5
Concen: 83.898 ng
RT: 7.445 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 662754

Ion	Ratio	Lower	Upper
82	100		
128	42.5	34.0	51.0
54	66.5	53.2	79.8

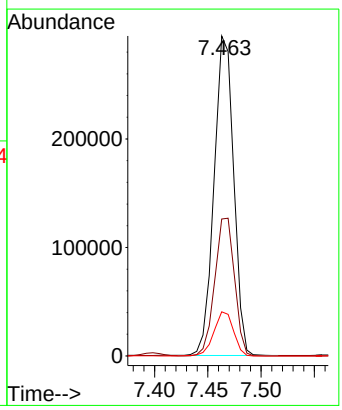


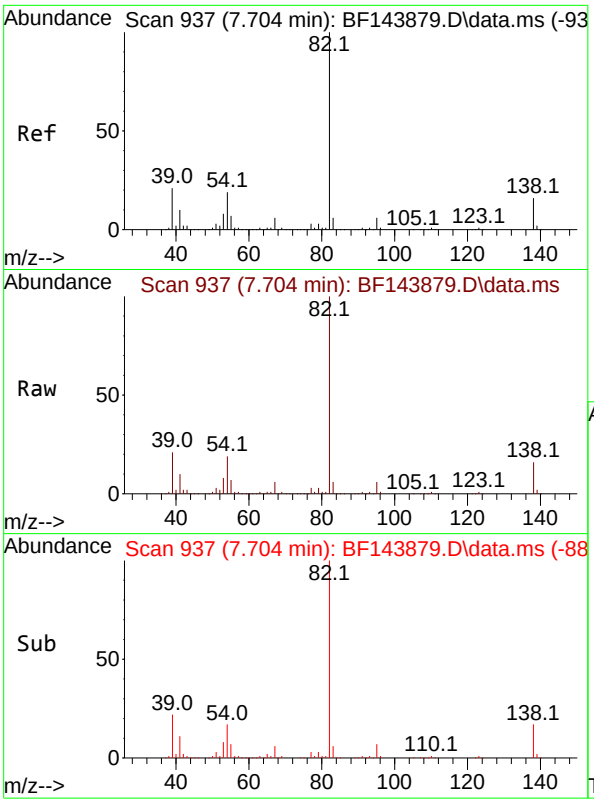


#24
Nitrobenzene
Concen: 42.828 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion: 77 Resp: 375708

Ion	Ratio	Lower	Upper
77	100		
123	42.8	34.2	51.4
65	13.8	11.0	16.6



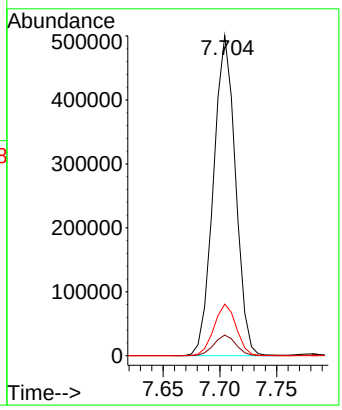


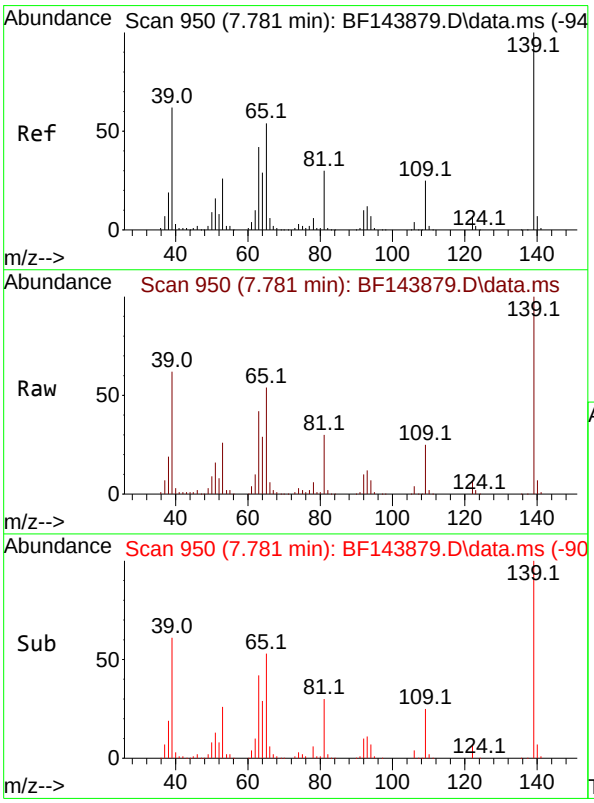
#25
Isophorone
Concen: 40.645 ng
RT: 7.704 min Scan# 9
Delta R.T. -0.018 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 677007

Ion	Ratio	Lower	Upper
82	100		
95	6.4	5.1	7.7
138	16.1	12.9	19.3

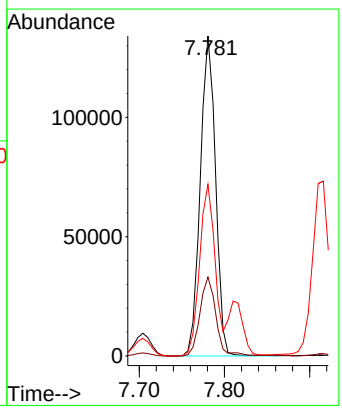


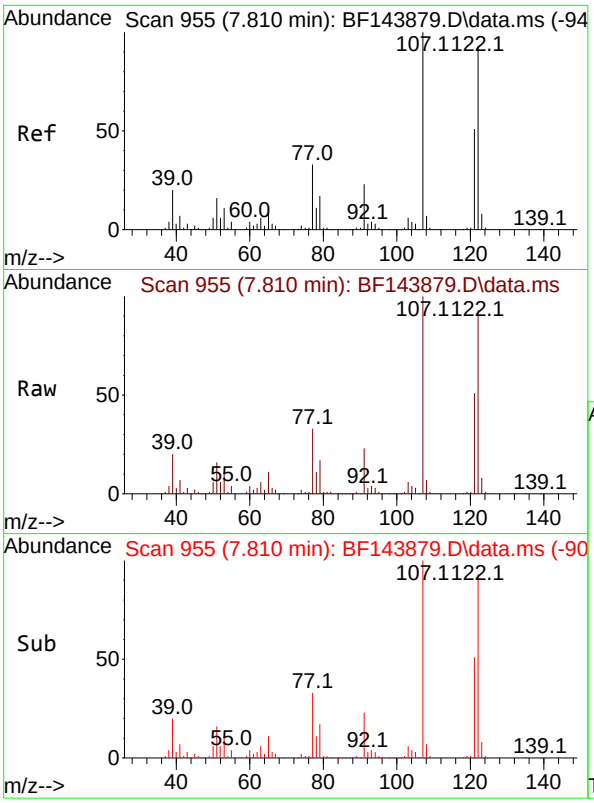


#26
2-Nitrophenol
Concen: 44.428 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:139 Resp: 167096

Ion	Ratio	Lower	Upper
139	100		
109	24.7	19.8	29.6
65	53.6	42.9	64.3



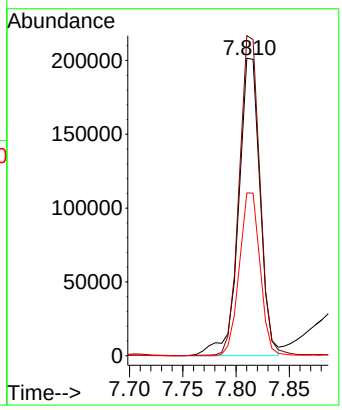


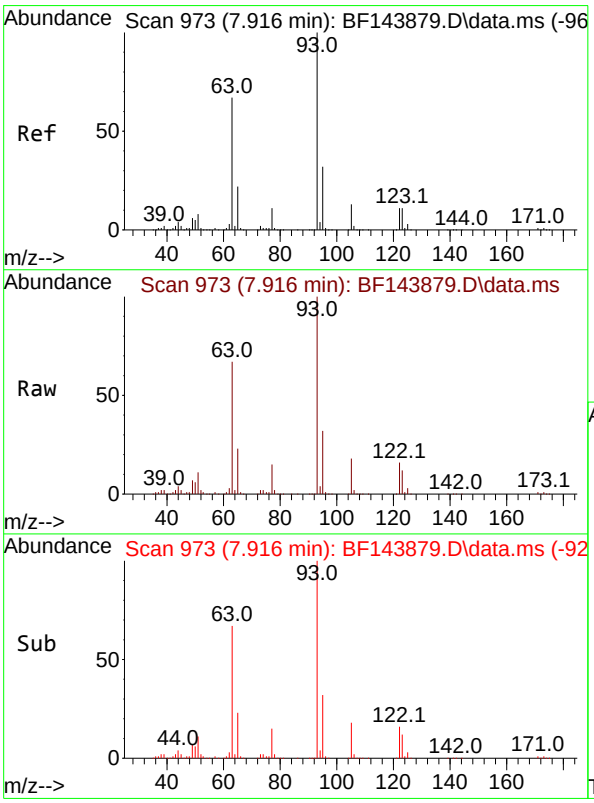
#27
2,4-Dimethylphenol
Concen: 41.818 ng
RT: 7.810 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:122 Resp: 282923

Ion	Ratio	Lower	Upper
122	100		
107	107.6	86.1	129.1
121	54.7	43.8	65.6

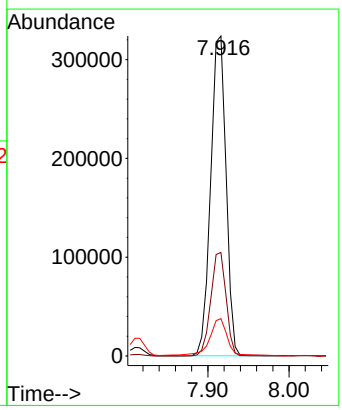


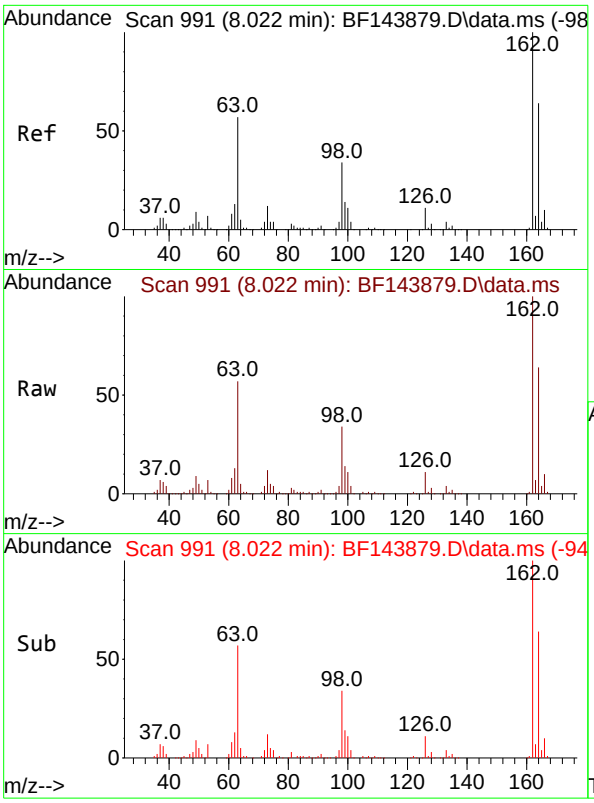


#28
bis(2-Chloroethoxy)methane
Concen: 40.486 ng
RT: 7.916 min Scan# 973
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion: 93 Resp: 425986

Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.9	38.9
123	11.7	9.4	14.0



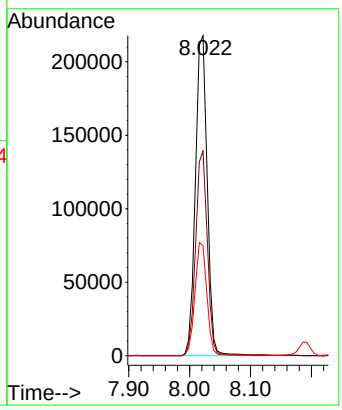


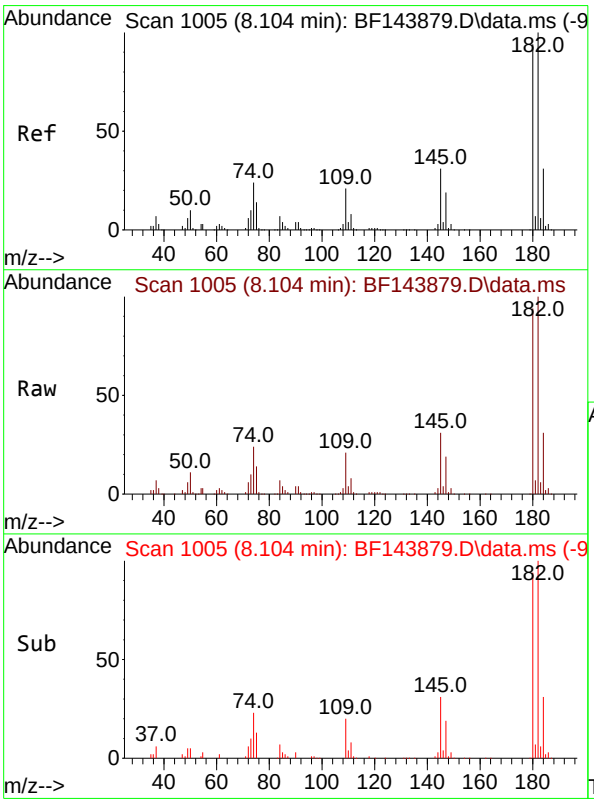
#29
2,4-Dichlorophenol
Concen: 41.782 ng
RT: 8.022 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 294452

Ion	Ratio	Lower	Upper
162	100		
164	63.9	43.9	83.9
98	34.4	14.4	54.4

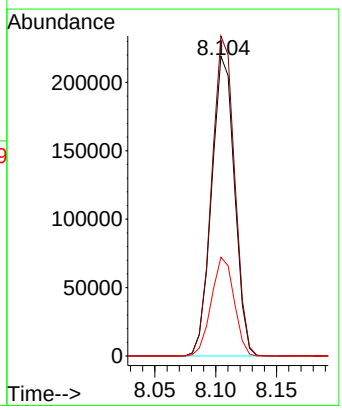


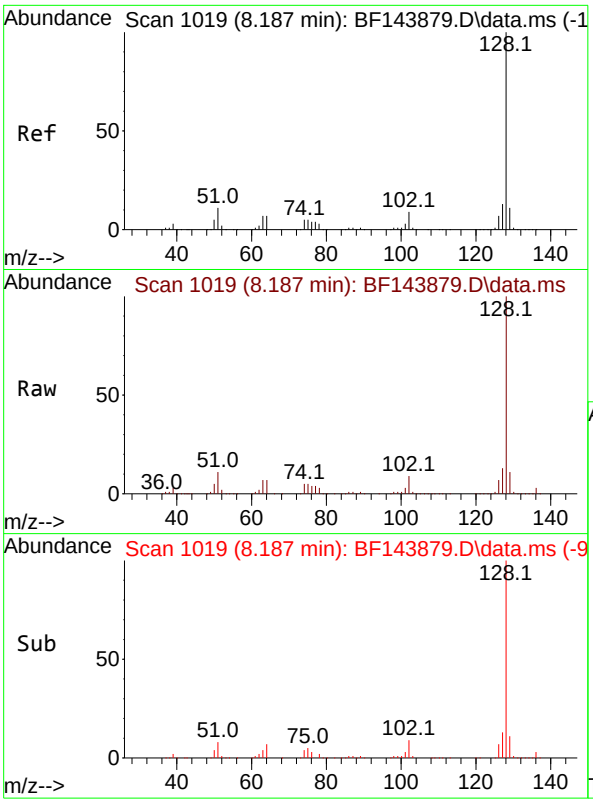


#30
1,2,4-Trichlorobenzene
Concen: 41.312 ng
RT: 8.104 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:180 Resp: 286330

Ion	Ratio	Lower	Upper
180	100		
182	106.7	85.4	128.0
145	32.9	26.3	39.5



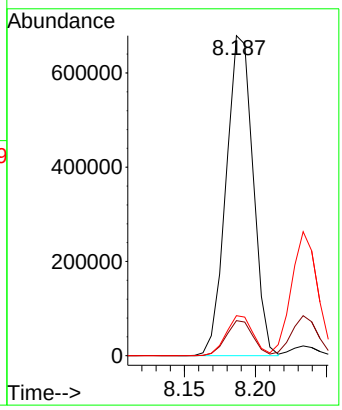


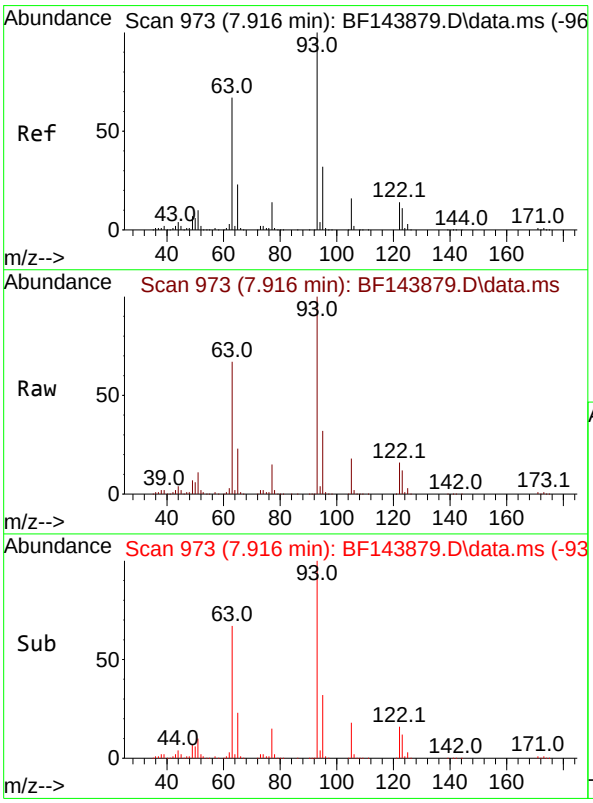
#31
Naphthalene
Concen: 40.961 ng
RT: 8.187 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:128 Resp: 894263

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	12.5	10.0	15.0

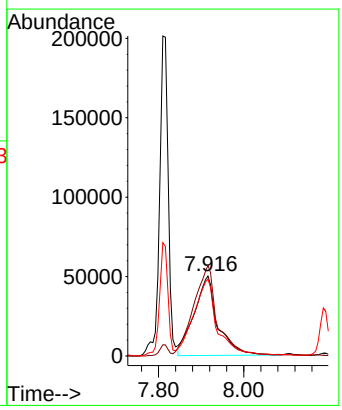


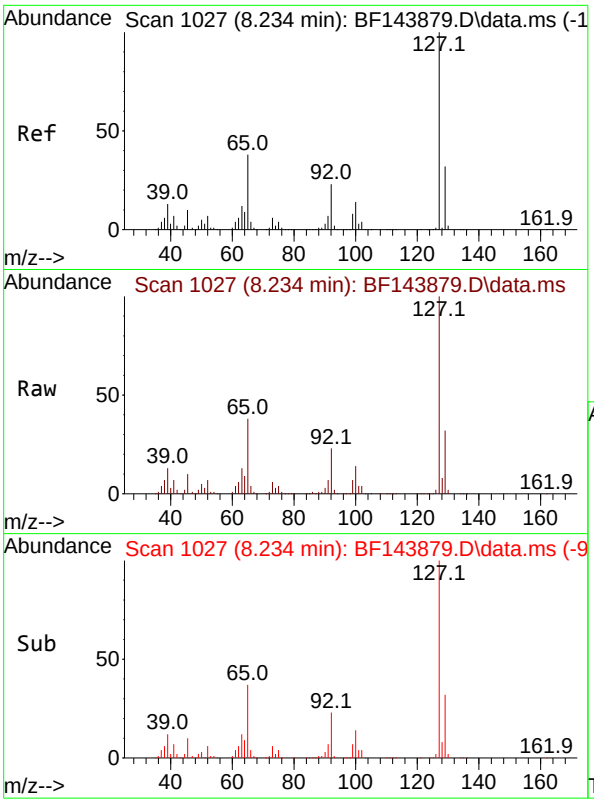


#32
Benzoic acid
Concen: 41.005 ng
RT: 7.916 min Scan# 973
Delta R.T. -0.047 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:122 Resp: 191998

Ion	Ratio	Lower	Upper
122	100		
105	113.5	93.5	133.5
77	96.3	76.3	116.3



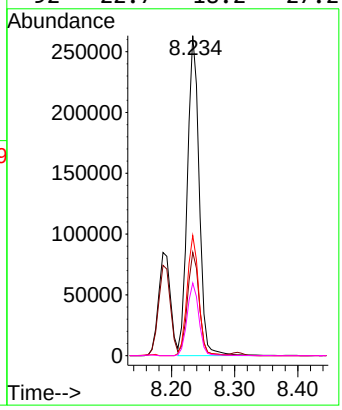


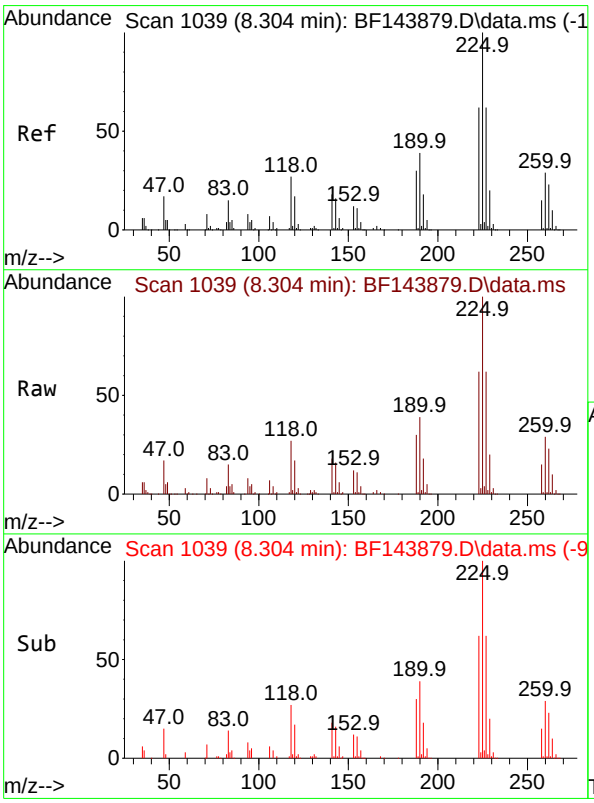
#33
4-Chloroaniline
Concen: 41.630 ng
RT: 8.234 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:127 Resp: 340866

Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.8	38.8
65	37.5	30.0	45.0
92	22.7	18.2	27.2

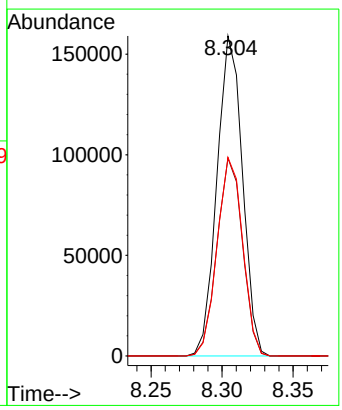


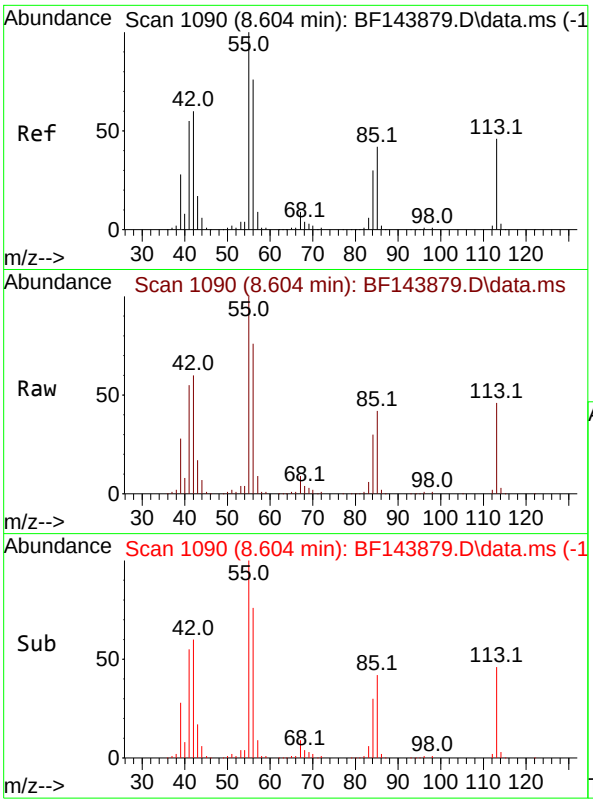


#34
Hexachlorobutadiene
Concen: 41.170 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:225 Resp: 198282

Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.4	74.2
227	62.1	49.7	74.5



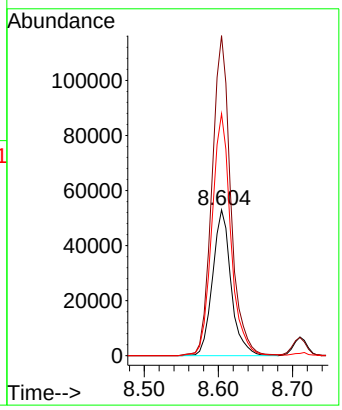


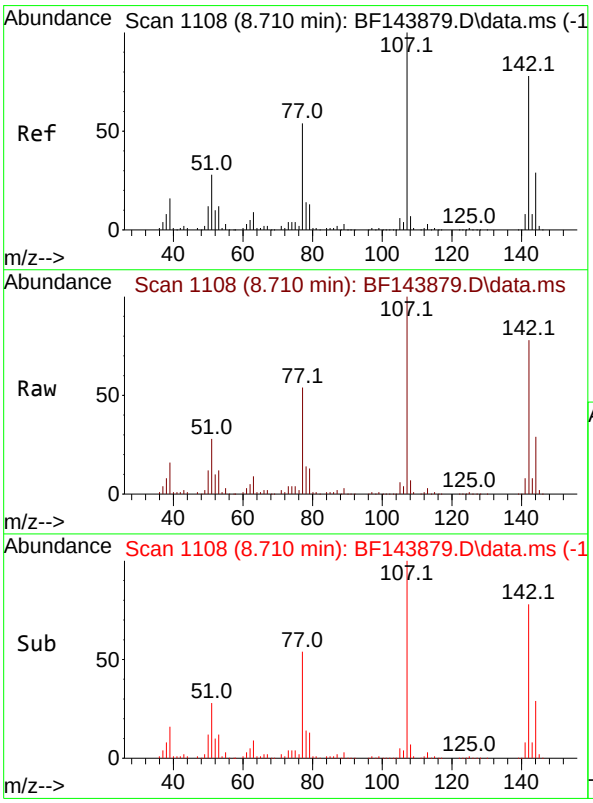
#35
Caprolactam
Concen: 40.816 ng
RT: 8.604 min Scan# 1
Delta R.T. -0.041 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:113 Resp: 91458

Ion	Ratio	Lower	Upper
113	100		
55	219.6	199.6	239.6
56	166.0	146.0	186.0

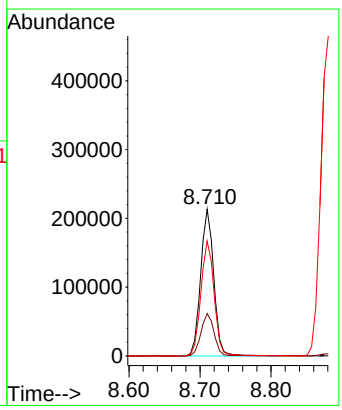


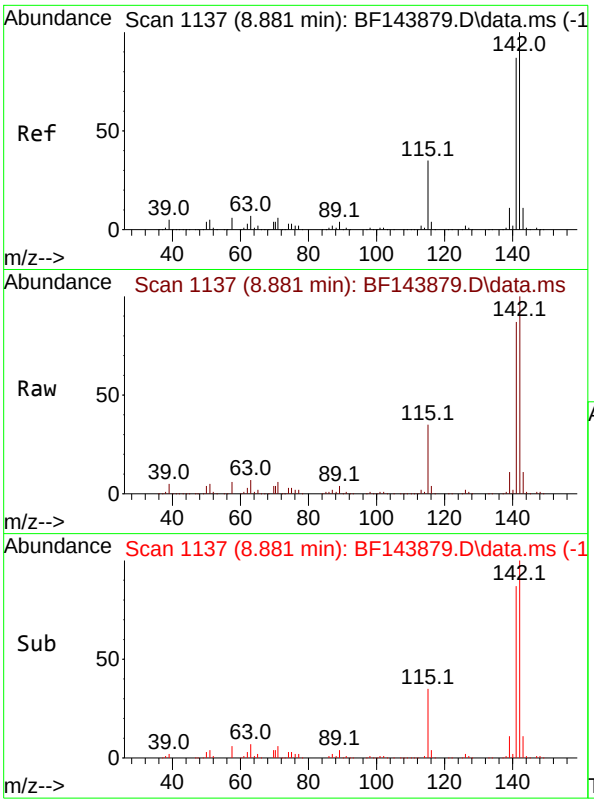


#36
4-Chloro-3-methylphenol
Concen: 40.758 ng
RT: 8.710 min Scan# 1108
Delta R.T. -0.012 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:107 Resp: 275908

Ion	Ratio	Lower	Upper
107	100		
144	28.9	23.1	34.7
142	78.3	62.6	94.0



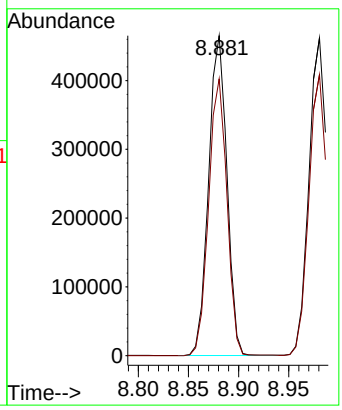


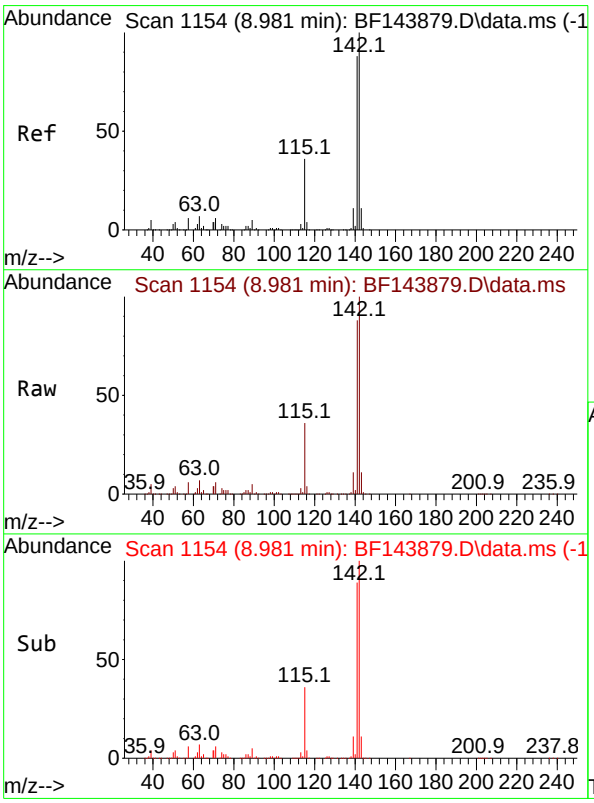
#37
2-Methylnaphthalene
Concen: 40.669 ng
RT: 8.881 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:142 Resp: 591428

Ion	Ratio	Lower	Upper
142	100		
141	86.5	69.2	103.8

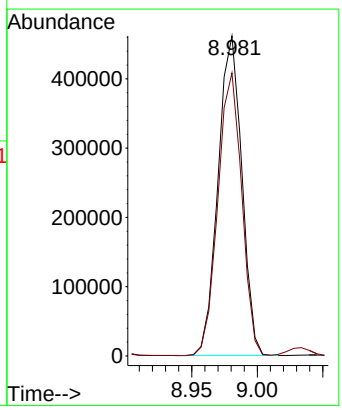


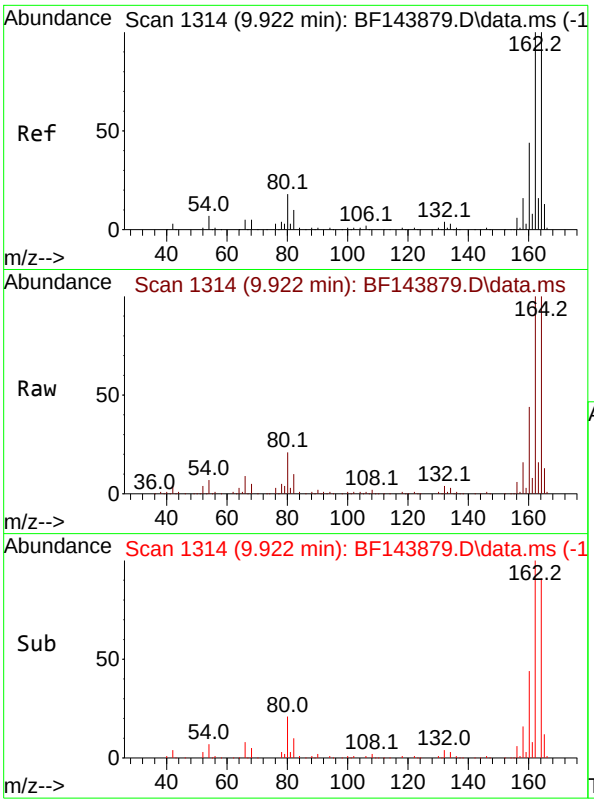


#38
1-Methylnaphthalene
Concen: 41.196 ng
RT: 8.981 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:142 Resp: 581114

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.8	106.2



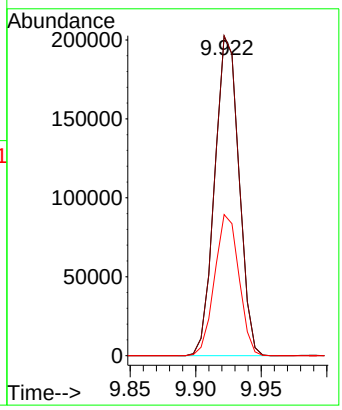


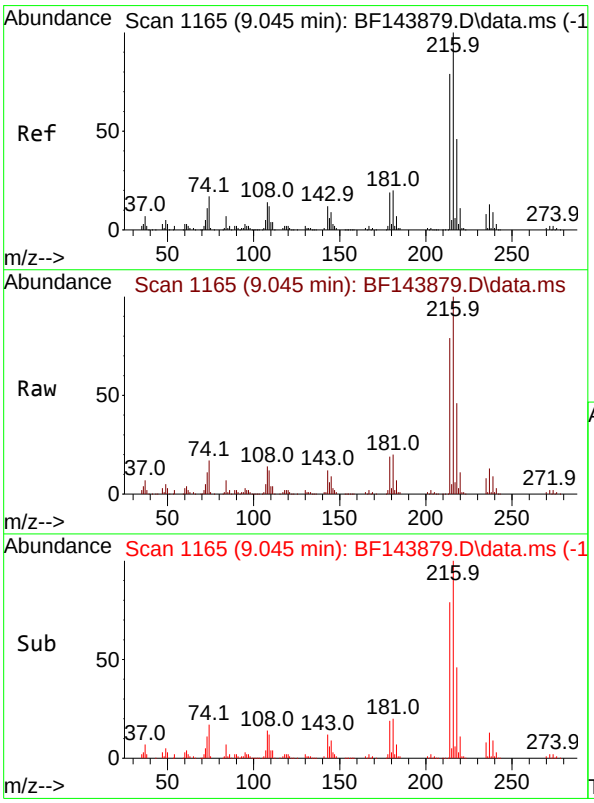
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1
Delta R.T. -0.005 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:164 Resp: 260024

Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.2	120.2
160	44.2	35.4	53.0

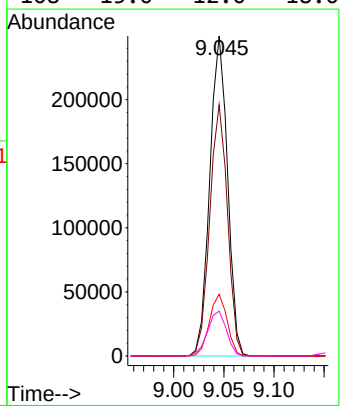


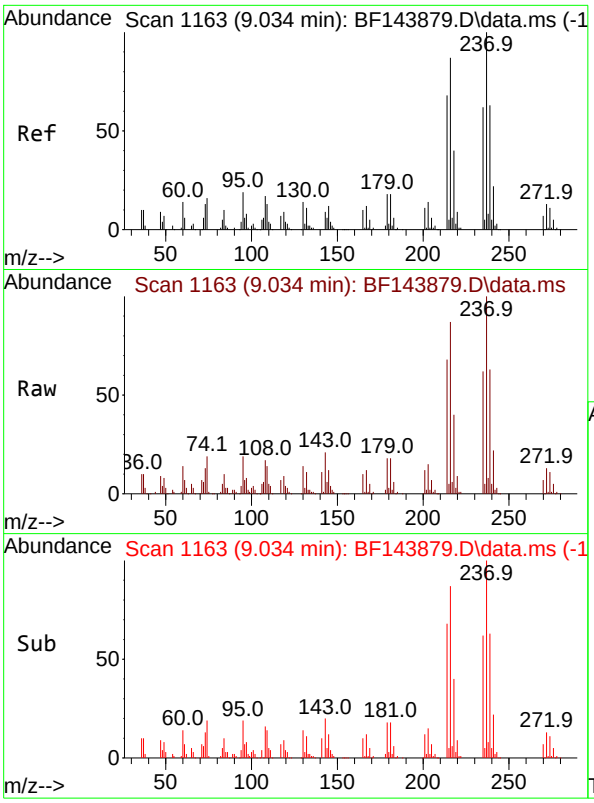


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.665 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:216 Resp: 306622

Ion	Ratio	Lower	Upper
216	100		
214	78.3	62.6	94.0
179	19.2	15.4	23.0
108	15.0	12.0	18.0



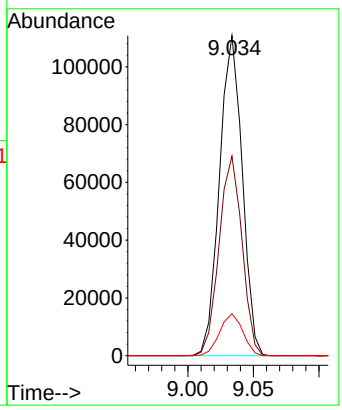


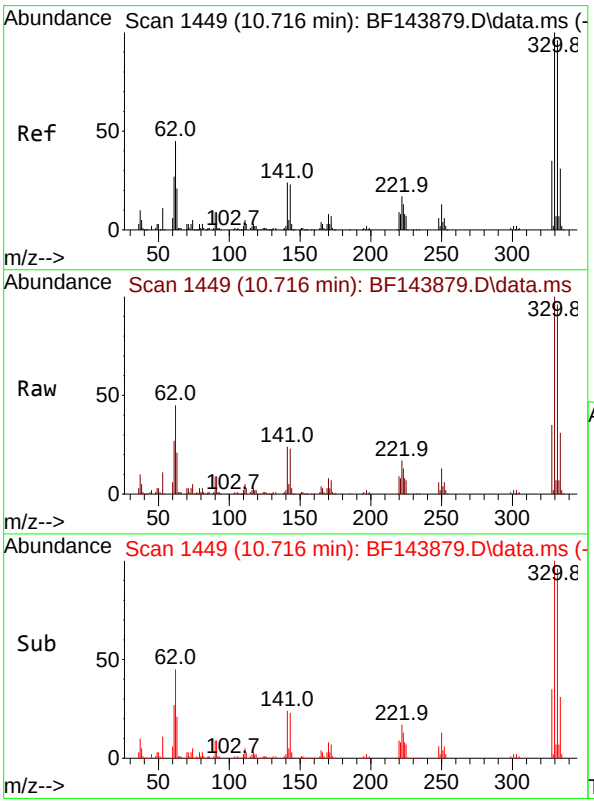
#41
Hexachlorocyclopentadiene
Concen: 44.842 ng
RT: 9.034 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:237 Resp: 133694

Ion	Ratio	Lower	Upper
237	100		
235	62.3	42.3	82.3
272	13.1	0.0	33.1

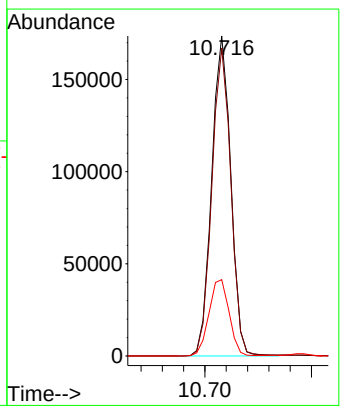


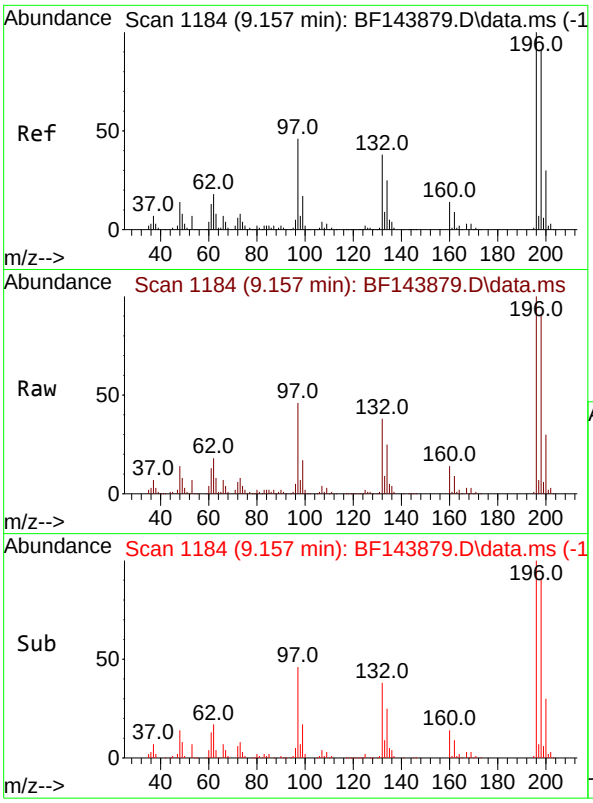


#42
2,4,6-Tribromophenol
Concen: 83.200 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:330 Resp: 215478

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.9	115.3
141	25.3	20.2	30.4



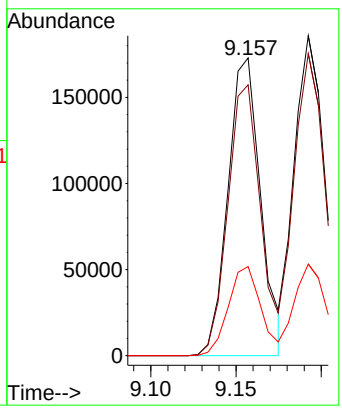


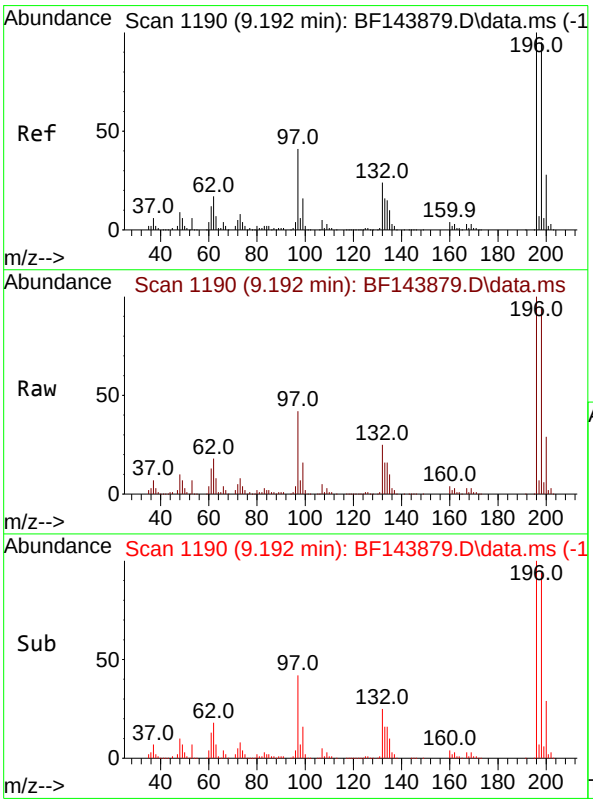
#43
2,4,6-Trichlorophenol
Concen: 44.081 ng
RT: 9.157 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:196 Resp: 231469

Ion	Ratio	Lower	Upper
196	100		
198	91.0	72.8	109.2
200	30.0	24.0	36.0

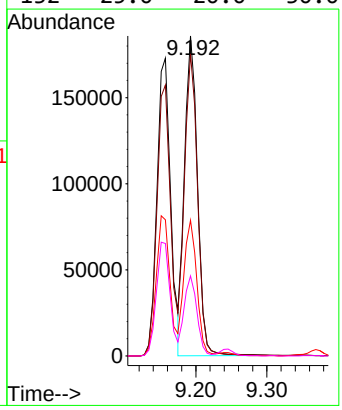


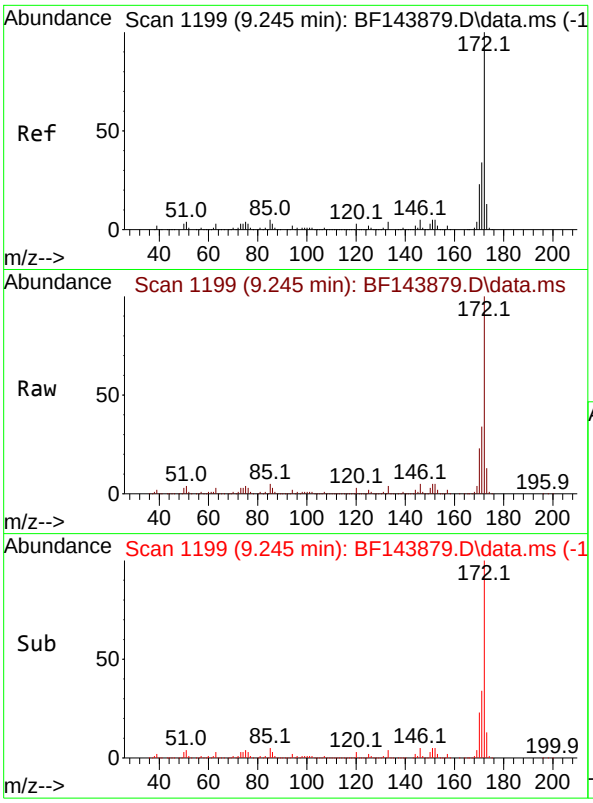


#44
2,4,5-Trichlorophenol
Concen: 42.739 ng
RT: 9.192 min Scan# 1190
Delta R.T. -0.012 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:196 Resp: 237161

Ion	Ratio	Lower	Upper
196	100		
198	94.4	75.5	113.3
97	42.4	33.9	50.9
132	25.0	20.0	30.0



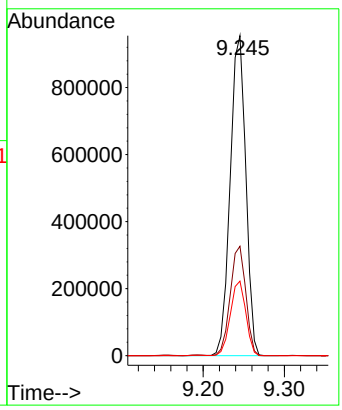


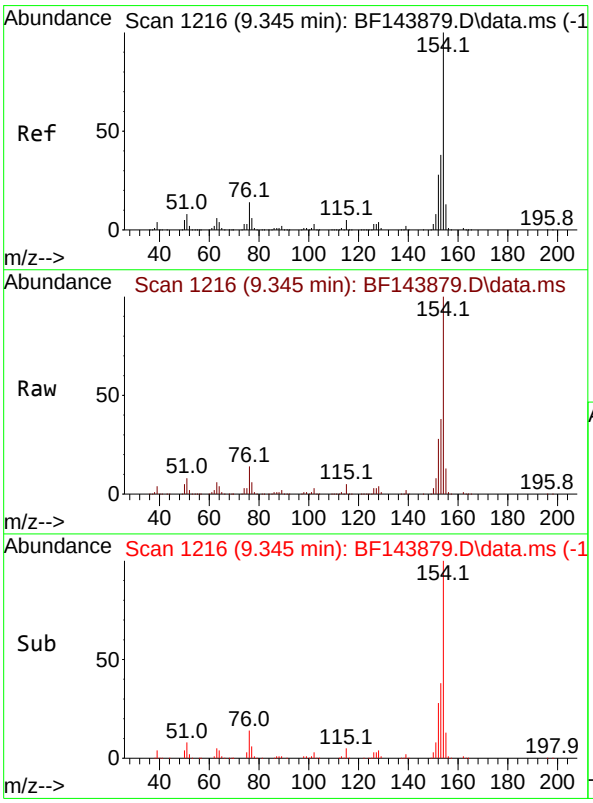
#45
2-Fluorobiphenyl
Concen: 77.695 ng
RT: 9.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:172 Resp: 1273210

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.4	41.0
170	23.3	18.6	28.0

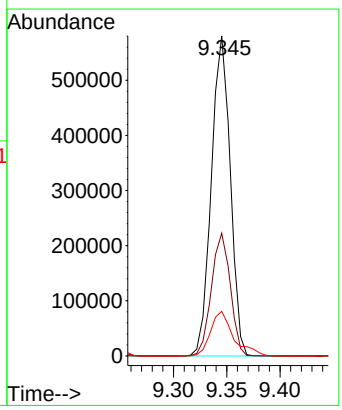


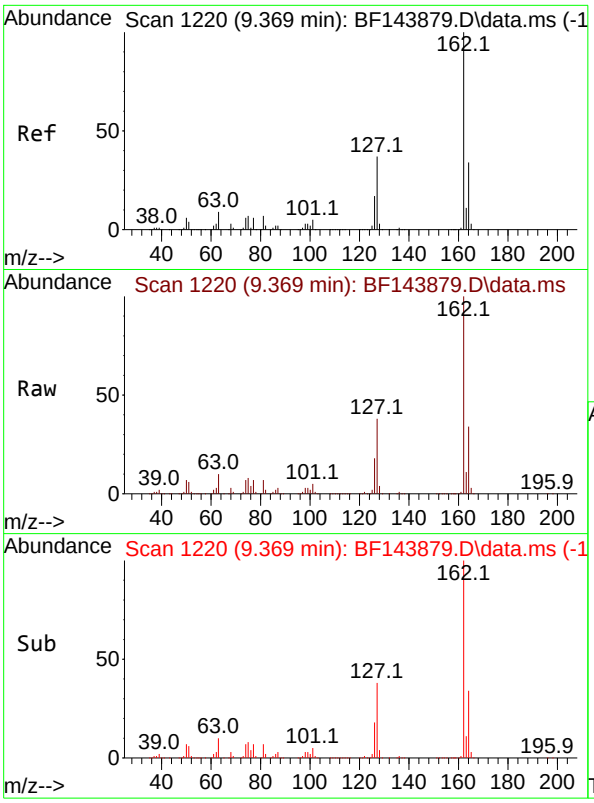


#46
1,1'-Biphenyl
Concen: 41.490 ng
RT: 9.345 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:154 Resp: 714293

Ion	Ratio	Lower	Upper
154	100		
153	38.4	18.4	58.4
76	14.0	0.0	34.0



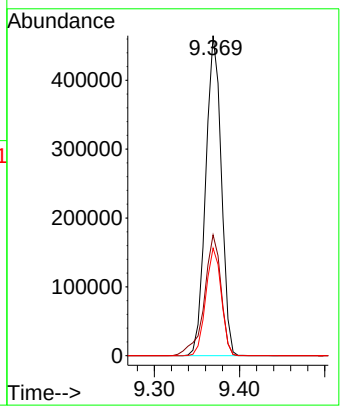


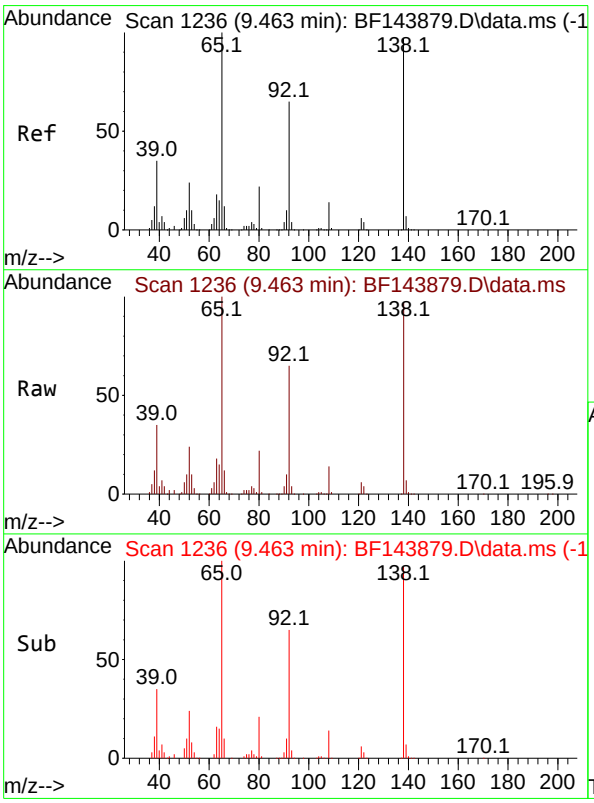
#47
2-Chloronaphthalene
Concen: 41.204 ng
RT: 9.369 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 591442

Ion	Ratio	Lower	Upper
162	100		
127	37.7	30.2	45.2
164	33.6	26.9	40.3

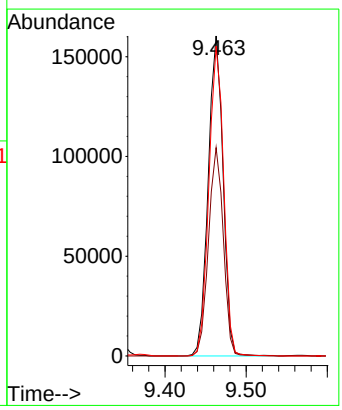


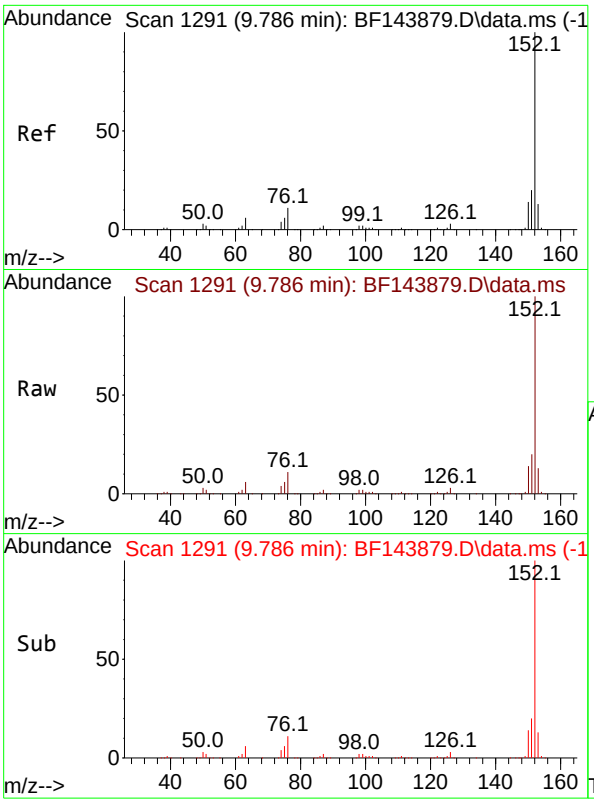


#48
2-Nitroaniline
Concen: 44.894 ng
RT: 9.463 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion: 65 Resp: 203733

Ion	Ratio	Lower	Upper
65	100		
92	65.1	52.1	78.1
138	96.8	77.4	116.2



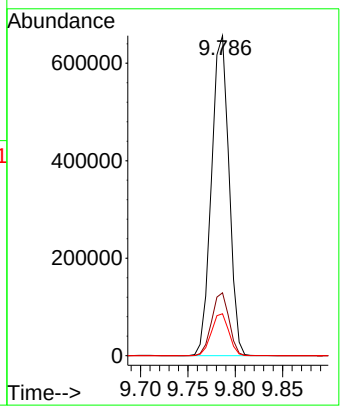


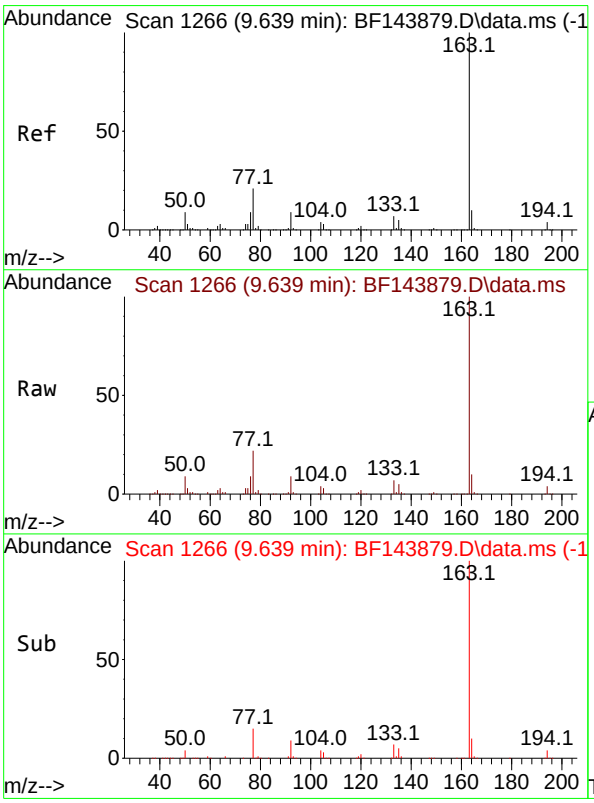
#49
Acenaphthylene
Concen: 41.828 ng
RT: 9.786 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 844067

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	13.1	10.5	15.7

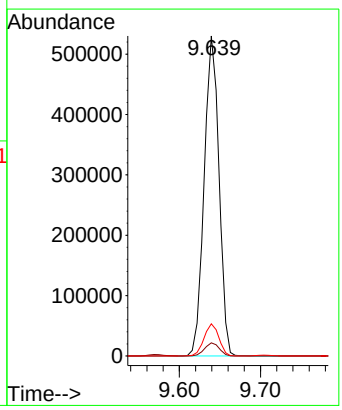


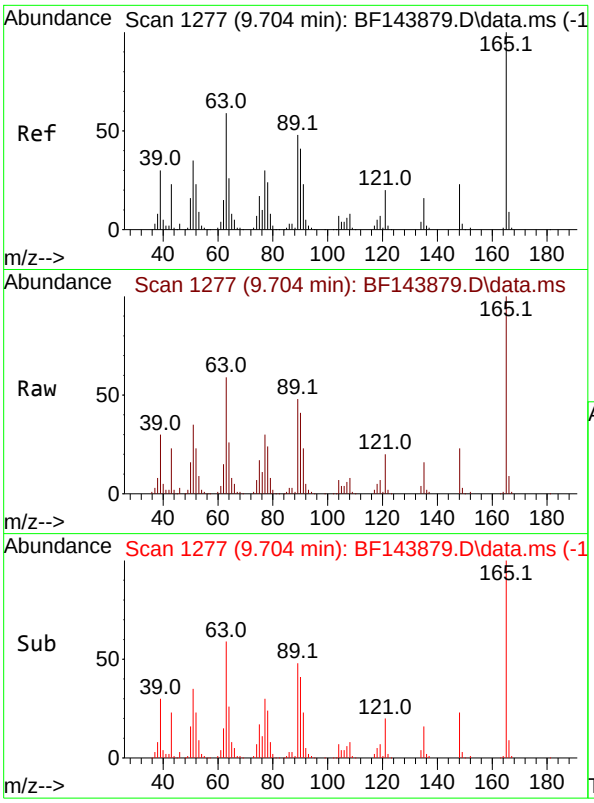


#50
Dimethylphthalate
Concen: 40.653 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:163 Resp: 671290

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.1	8.1	12.1



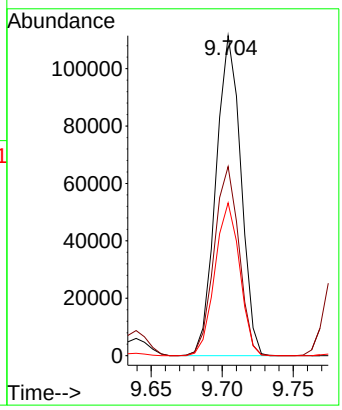


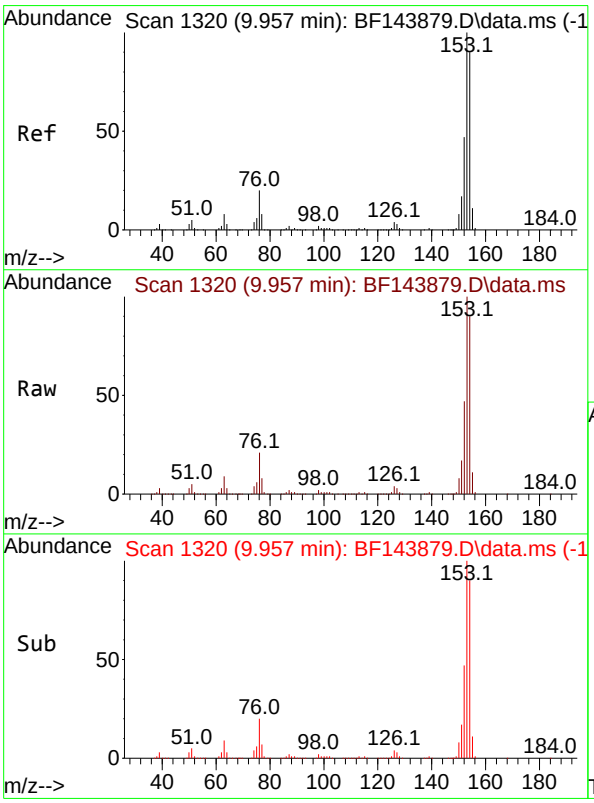
#51
2,6-Dinitrotoluene
Concen: 44.481 ng
RT: 9.704 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 136198

Ion	Ratio	Lower	Upper
165	100		
63	59.1	47.3	70.9
89	47.8	38.2	57.4

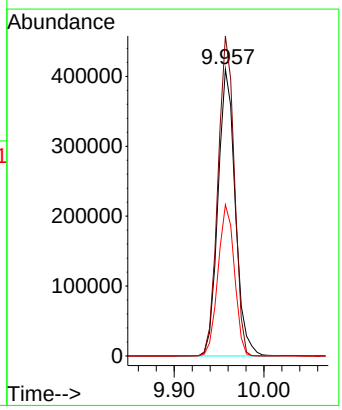


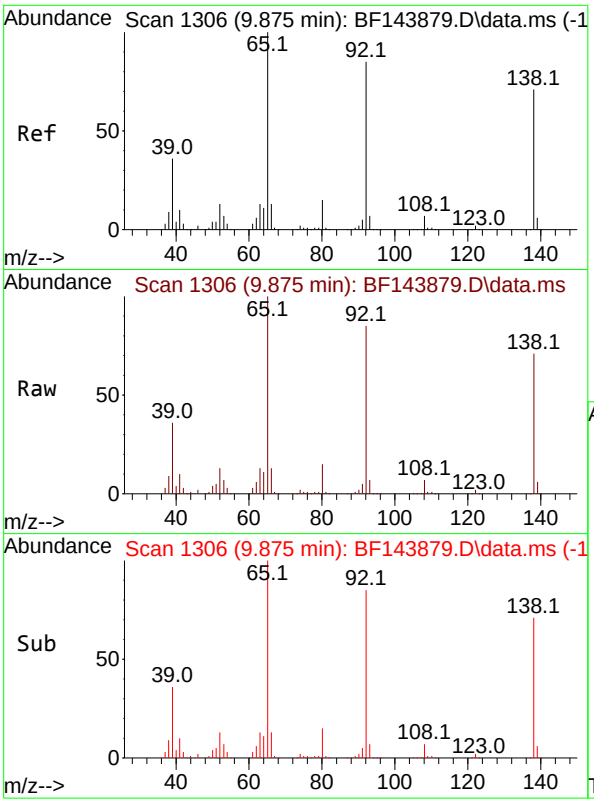


#52
Acenaphthene
Concen: 41.390 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:154 Resp: 547286

Ion	Ratio	Lower	Upper
154	100		
153	111.6	89.3	133.9
152	52.7	42.2	63.2



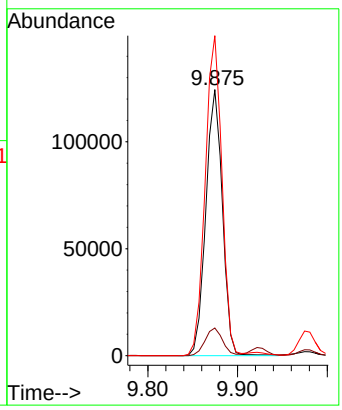


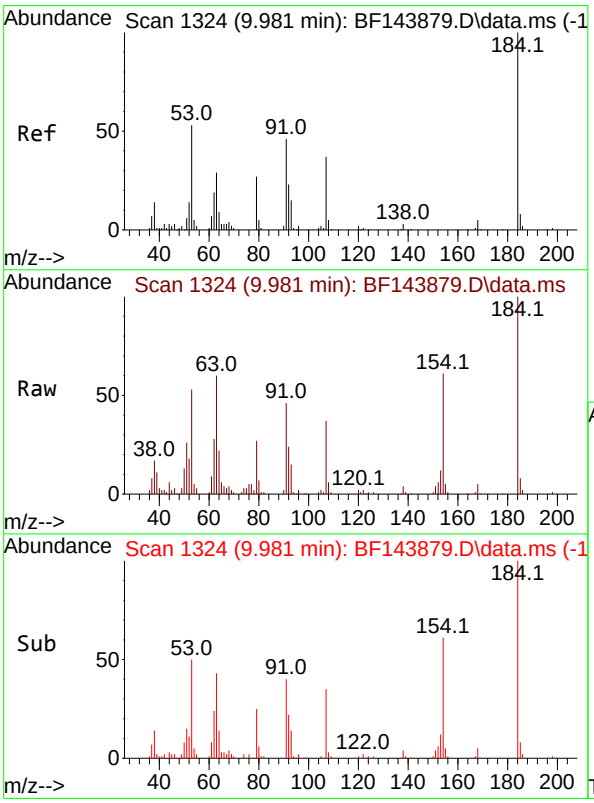
#53
3-Nitroaniline
Concen: 42.507 ng
RT: 9.875 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:138 Resp: 159366

Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.3	12.5
92	120.2	96.2	144.2

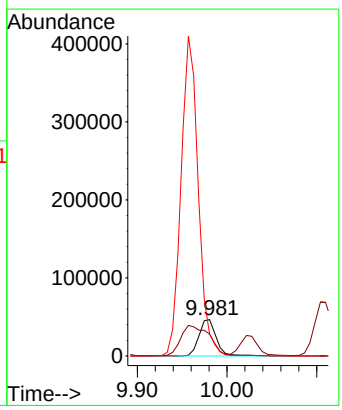


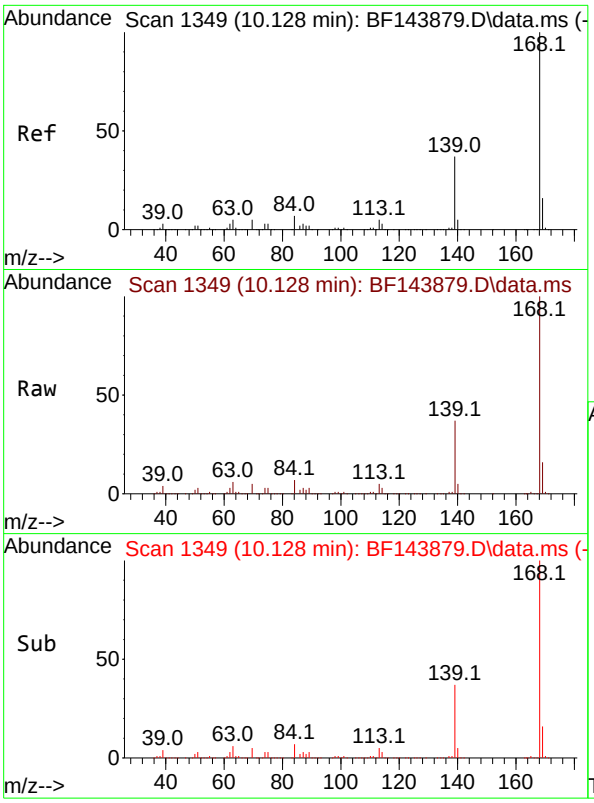


#54
2,4-Dinitrophenol
Concen: 37.010 ng
RT: 9.981 min Scan# 1324
Delta R.T. -0.005 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:184 Resp: 62187

Ion	Ratio	Lower	Upper
184	100		
63	60.3	48.2	72.4
154	61.5	49.2	73.8



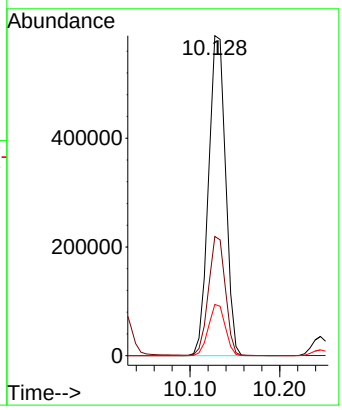


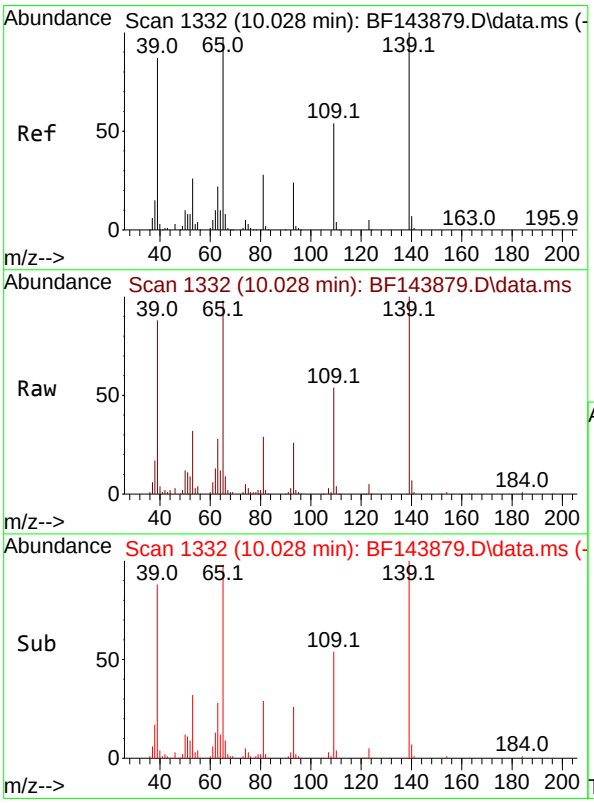
#55
Dibenzofuran
Concen: 41.625 ng
RT: 10.128 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:168 Resp: 776950

Ion	Ratio	Lower	Upper
168	100		
139	37.3	29.8	44.8
169	16.0	12.8	19.2

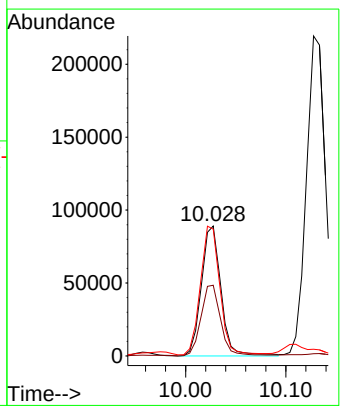


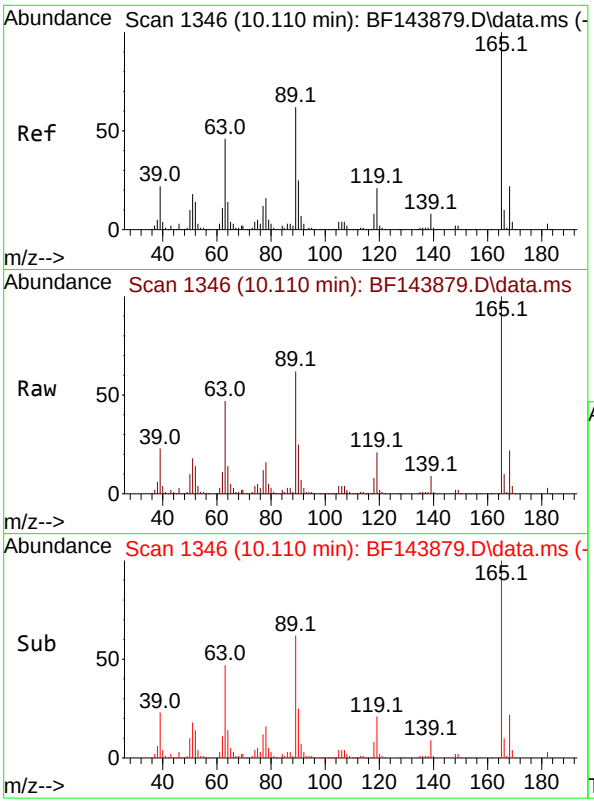


#56
4-Nitrophenol
Concen: 42.807 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.011 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:139 Resp: 121519

Ion	Ratio	Lower	Upper
139	100		
109	54.5	34.5	74.5
65	97.6	77.6	117.6



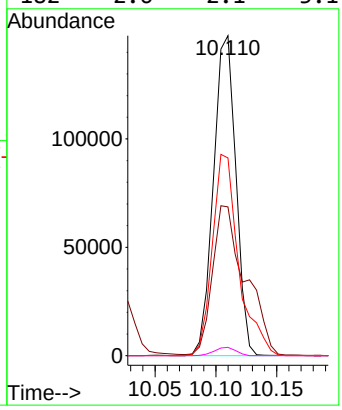


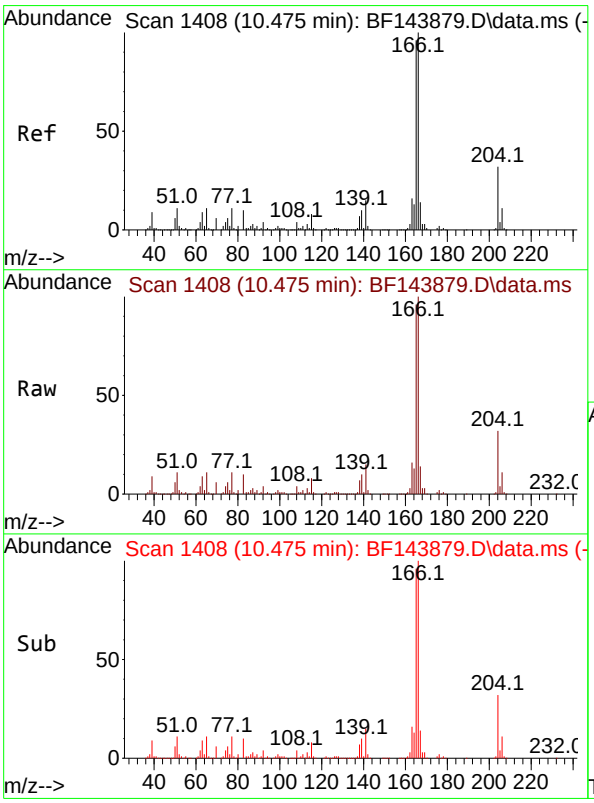
#57
2,4-Dinitrotoluene
Concen: 45.597 ng
RT: 10.110 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 189965

Ion	Ratio	Lower	Upper
165	100		
63	46.5	37.2	55.8
89	61.8	49.4	74.2
182	2.6	2.1	3.1

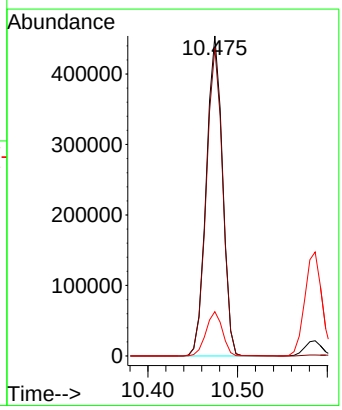


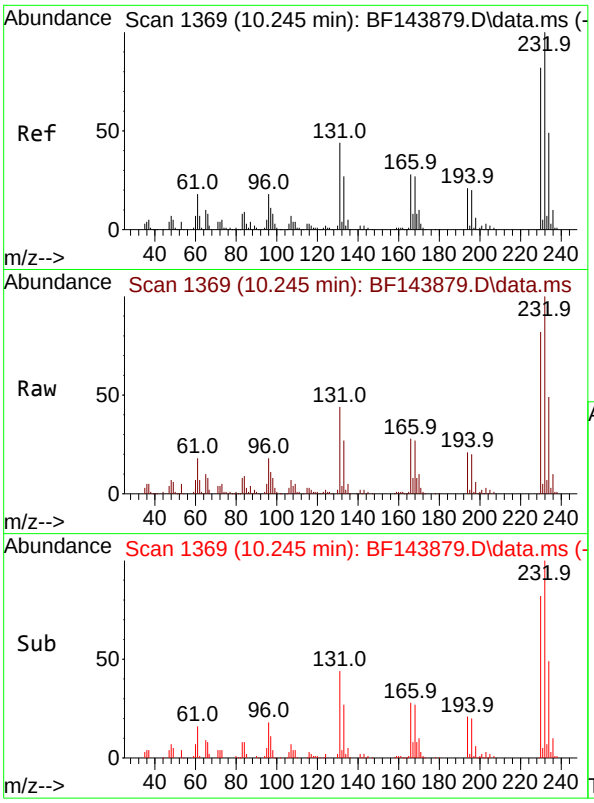


#58
Fluorene
Concen: 40.506 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:166 Resp: 570508

Ion	Ratio	Lower	Upper
166	100		
165	96.3	77.0	115.6
167	13.9	11.1	16.7



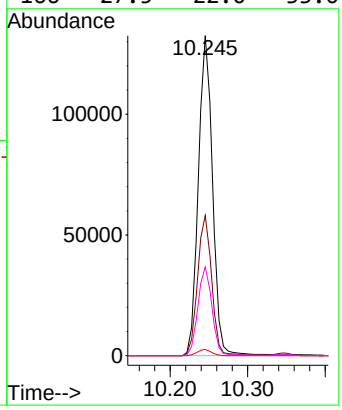


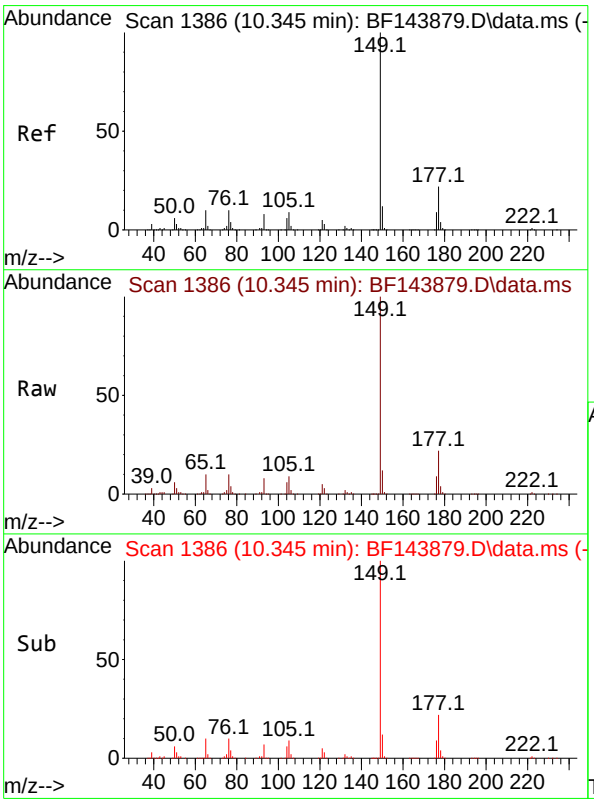
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.006 ng
RT: 10.245 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:232 Resp: 168932

Ion	Ratio	Lower	Upper
232	100		
131	43.6	34.9	52.3
130	2.0	1.6	2.4
166	27.5	22.0	33.0

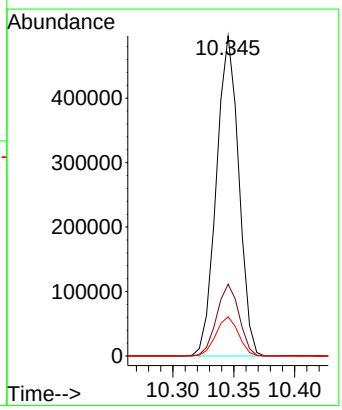


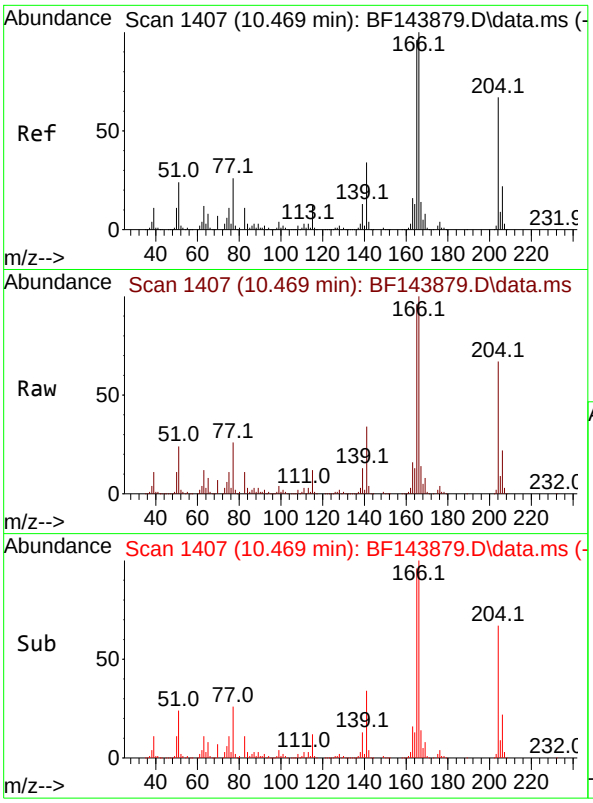


#60
Diethylphthalate
Concen: 41.422 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:149 Resp: 635433

Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.9	26.9
150	12.3	9.8	14.8



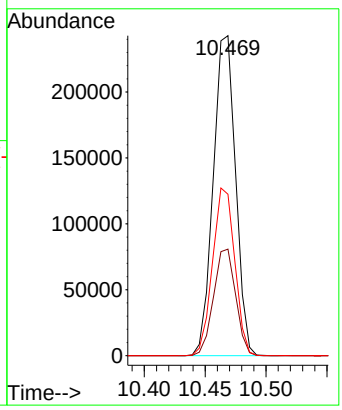


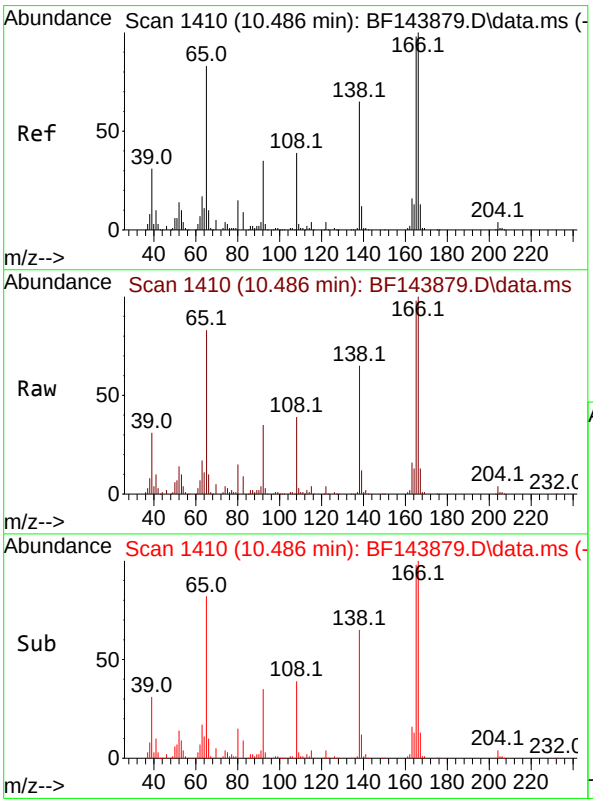
#61
4-Chlorophenyl-phenylether
Concen: 41.632 ng
RT: 10.469 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:204 Resp: 310008

Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.6	40.0
141	50.5	40.4	60.6

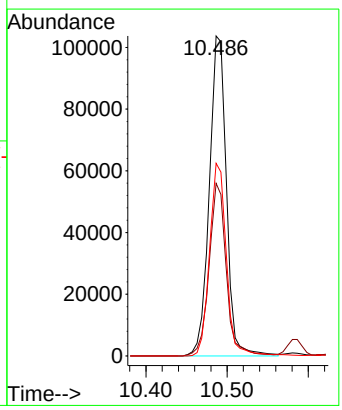


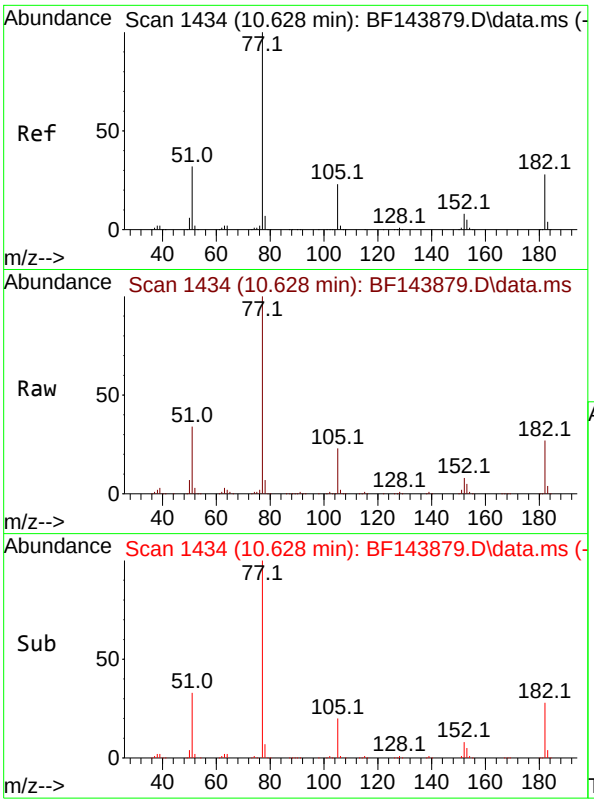


#62
4-Nitroaniline
Concen: 42.123 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.023 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:138 Resp: 151866

Ion	Ratio	Lower	Upper
138	100		
92	53.9	33.9	73.9
108	60.2	40.2	80.2



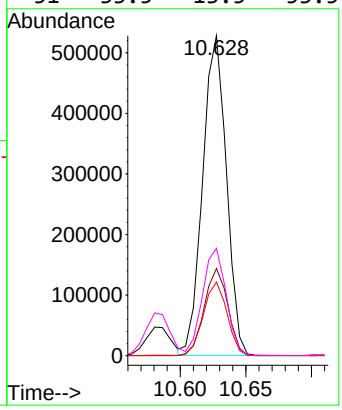


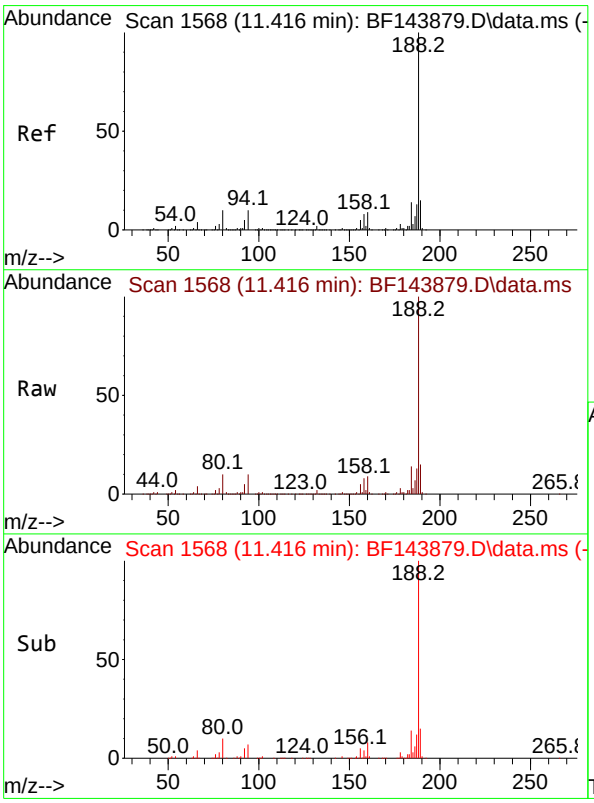
#63
Azobenzene
Concen: 41.521 ng
RT: 10.628 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 665698

Ion	Ratio	Lower	Upper
77	100		
182	27.3	7.3	47.3
105	23.0	3.0	43.0
51	33.5	13.5	53.5

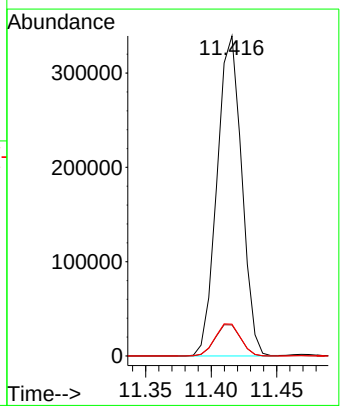


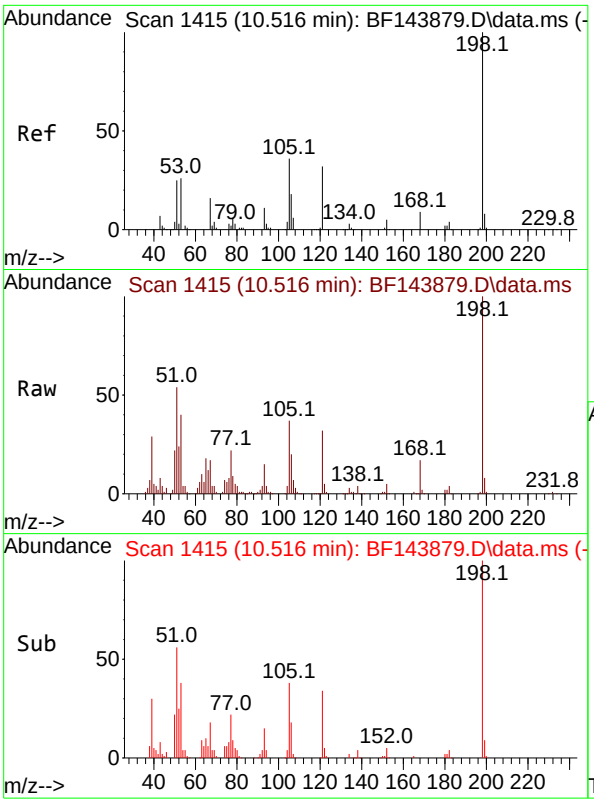


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:188 Resp: 444949

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.8	11.6
80	9.9	7.9	11.9



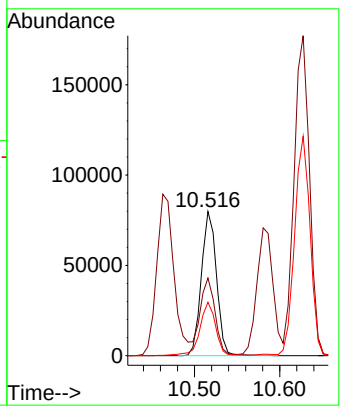


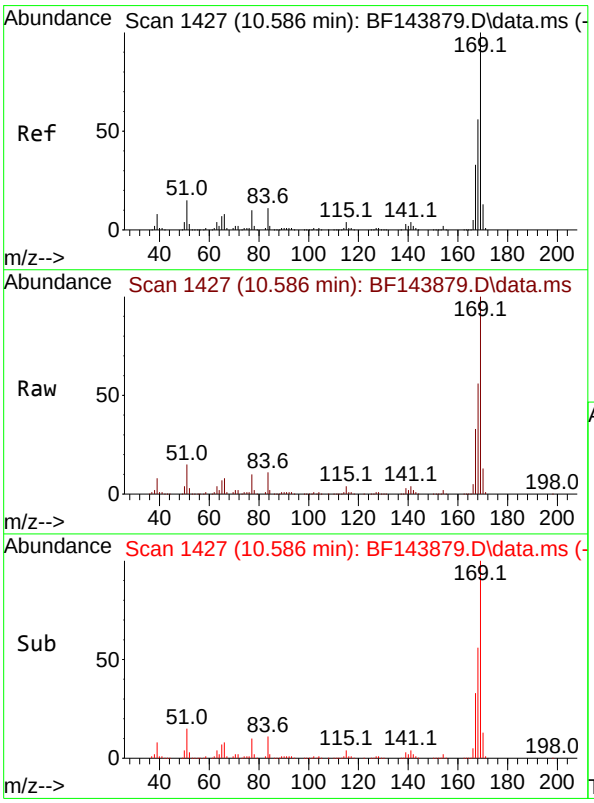
#65
4,6-Dinitro-2-methylphenol
Concen: 44.075 ng
RT: 10.516 min Scan# 14
Delta R.T. -0.018 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 98551

Ion	Ratio	Lower	Upper
198	100		
51	53.8	33.8	73.8
105	37.0	17.0	57.0

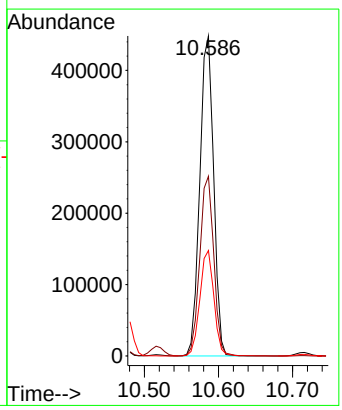


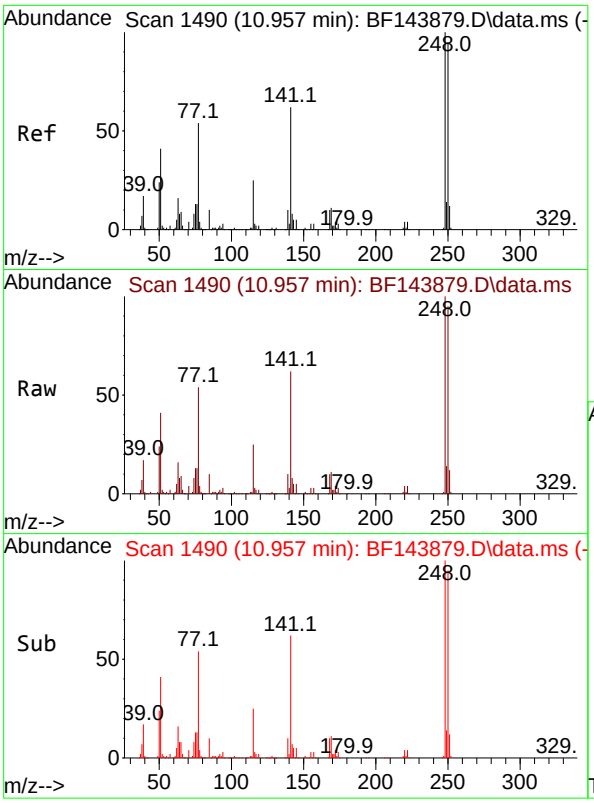


#66
n-Nitrosodiphenylamine
Concen: 41.773 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:169 Resp: 583617

Ion	Ratio	Lower	Upper
169	100		
168	56.1	44.9	67.3
167	32.9	26.3	39.5



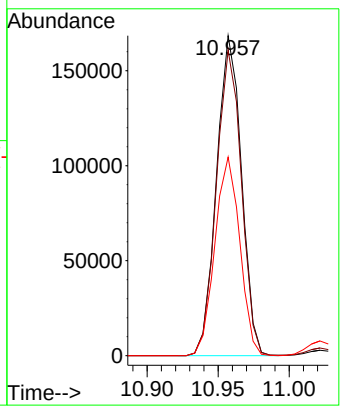


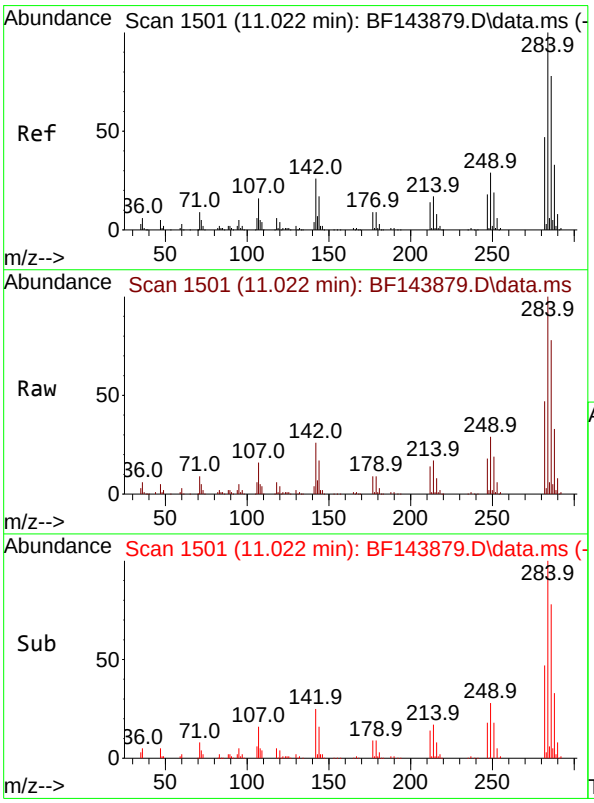
#67
4-Bromophenyl-phenylether
Concen: 41.803 ng
RT: 10.957 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:248 Resp: 205559

Ion	Ratio	Lower	Upper
248	100		
250	95.4	76.3	114.5
141	62.1	49.7	74.5

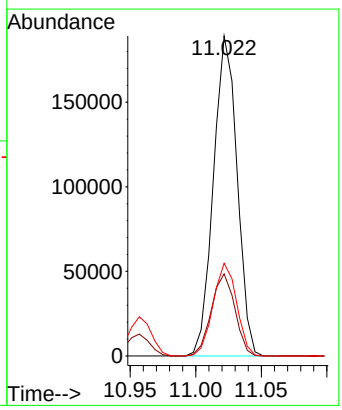


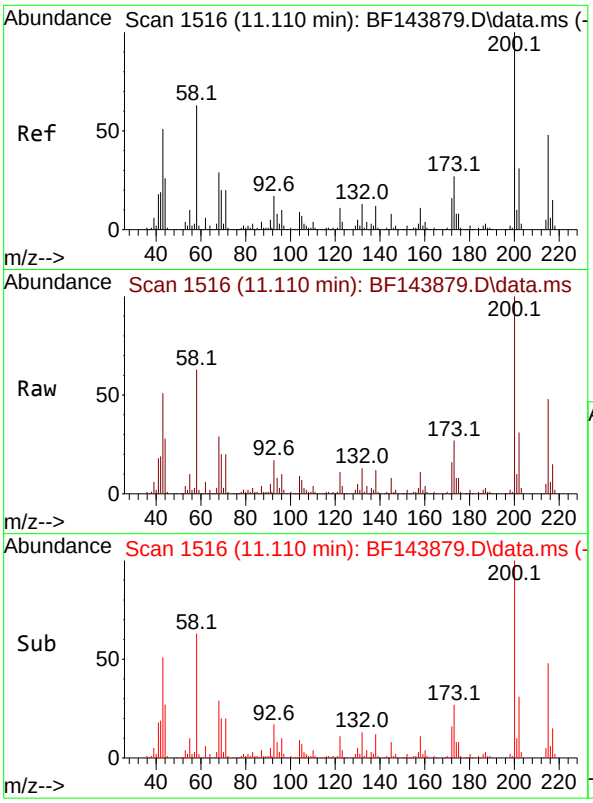


#68
Hexachlorobenzene
Concen: 41.695 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:284 Resp: 237363

Ion	Ratio	Lower	Upper
284	100		
142	25.7	20.6	30.8
249	29.0	23.2	34.8



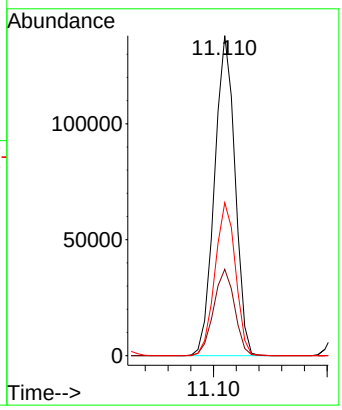


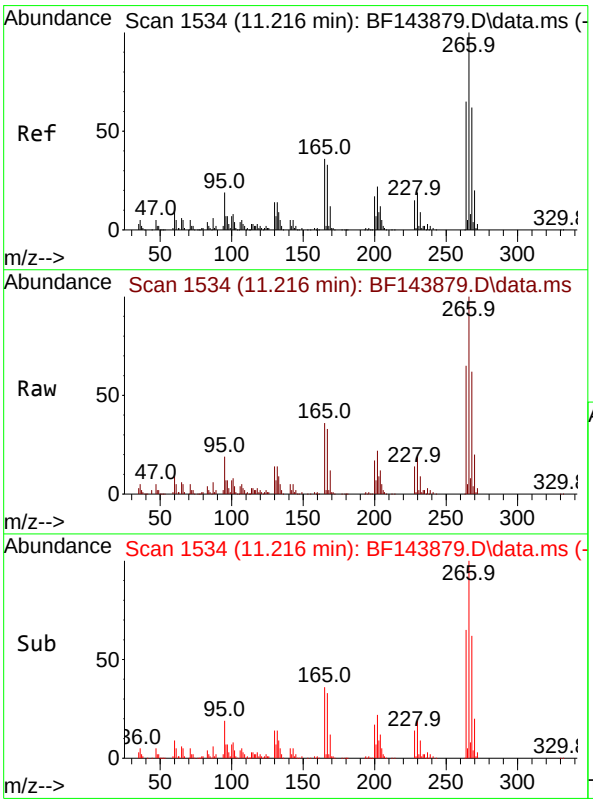
#69
Atrazine
Concen: 40.905 ng
RT: 11.110 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:200 Resp: 173212

Ion	Ratio	Lower	Upper
200	100		
173	27.0	7.0	47.0
215	47.8	27.8	67.8

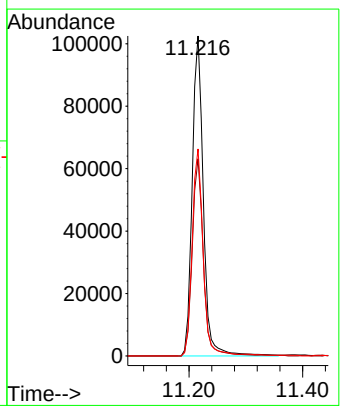


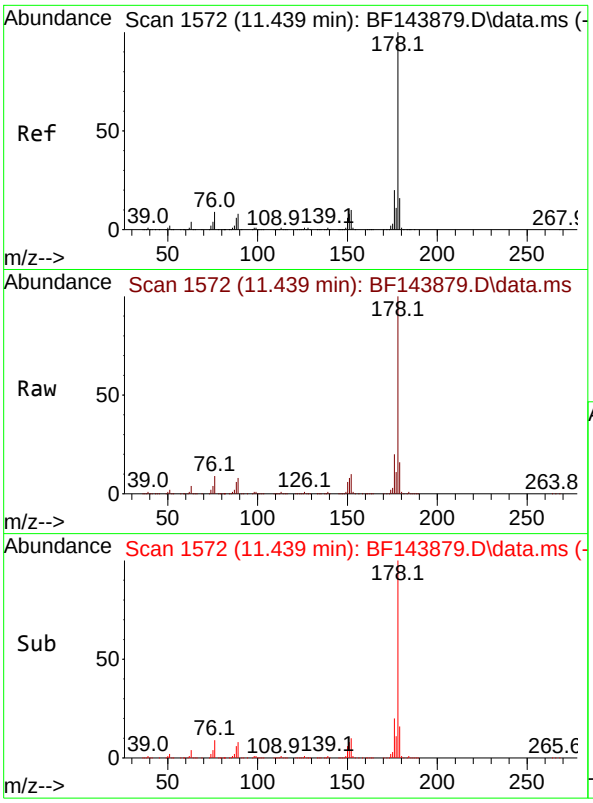


#70
Pentachlorophenol
Concen: 42.862 ng
RT: 11.216 min Scan# 1534
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:266 Resp: 140140

Ion	Ratio	Lower	Upper
266	100		
268	61.7	49.4	74.0
264	64.7	51.8	77.6



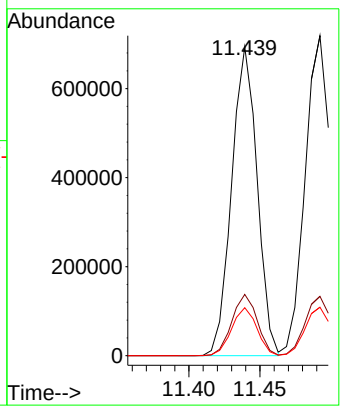


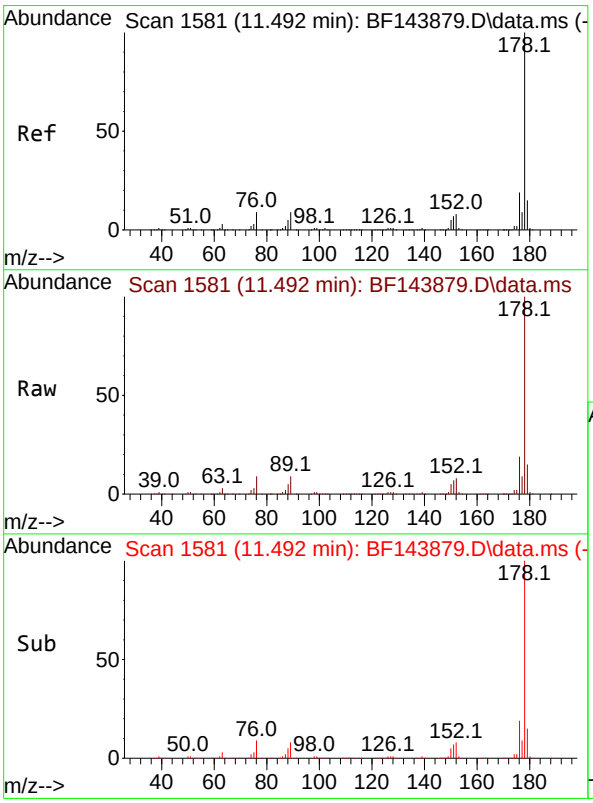
#71
Phenanthrene
Concen: 40.266 ng
RT: 11.439 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:178 Resp: 868592

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.9	23.9
179	15.5	12.4	18.6

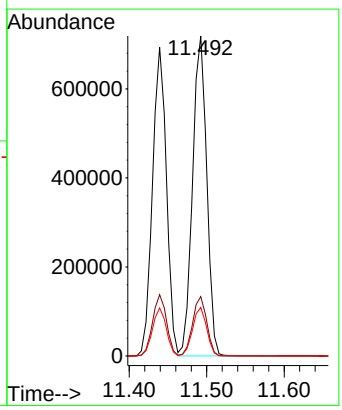


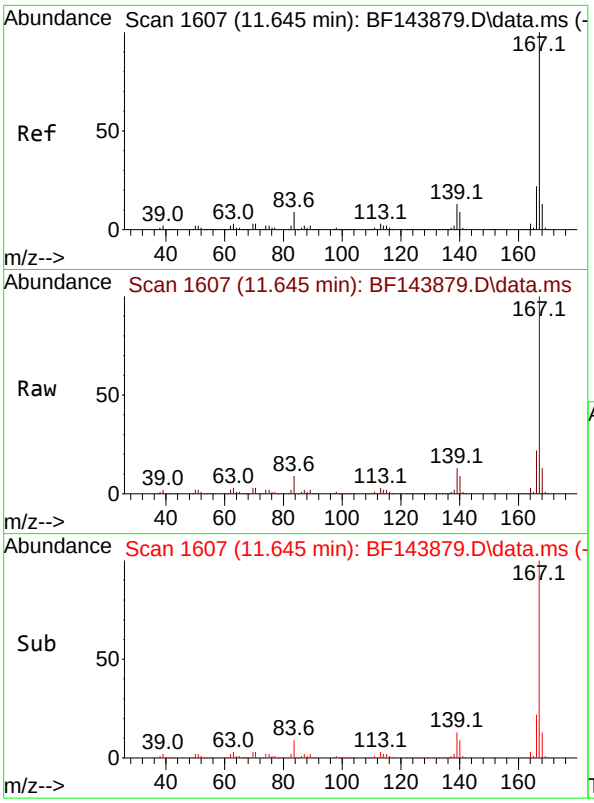


#72
Anthracene
Concen: 41.850 ng
RT: 11.492 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:178 Resp: 912011

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.2	12.2	18.2



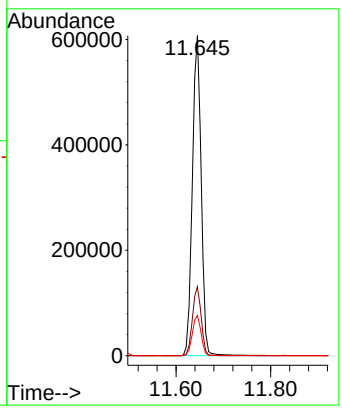


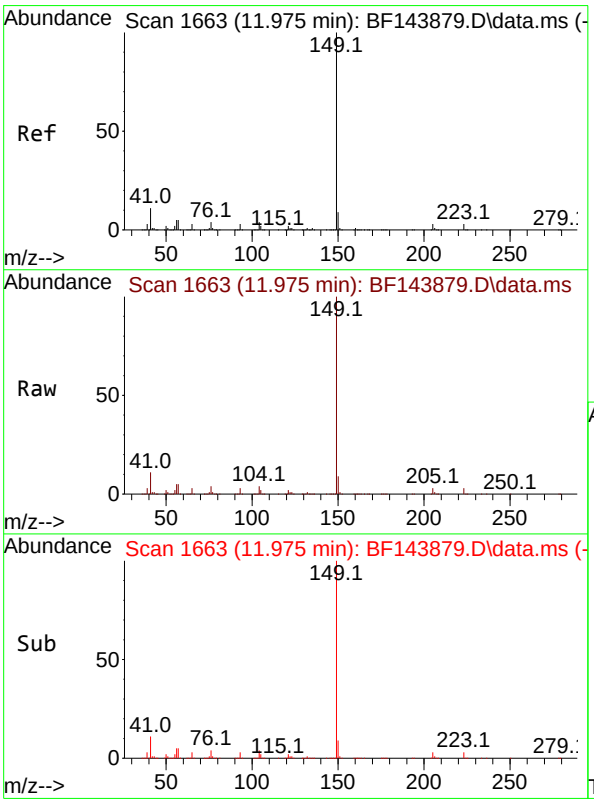
#73
Carbazole
Concen: 40.765 ng
RT: 11.645 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:167 Resp: 786783

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.2	25.8
139	12.6	10.1	15.1

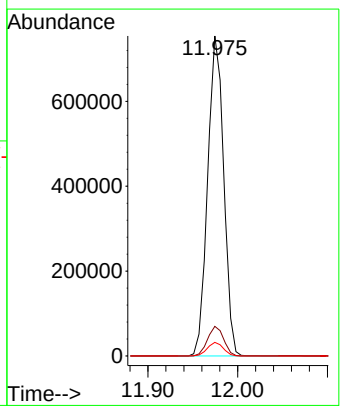


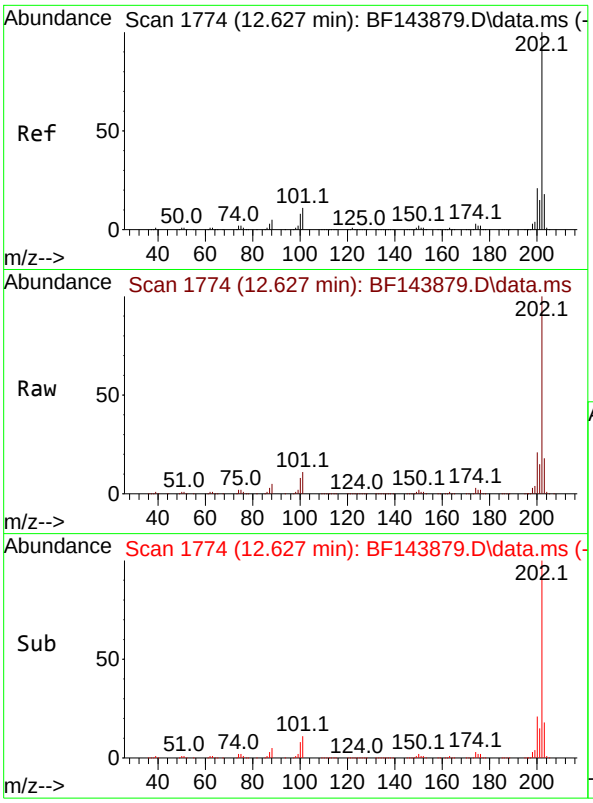


#74
Di-n-butylphthalate
Concen: 41.884 ng
RT: 11.975 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:149 Resp: 936899

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	4.3	3.4	5.2



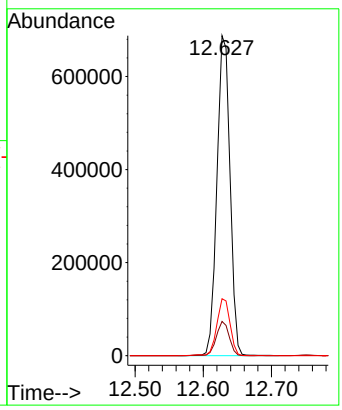


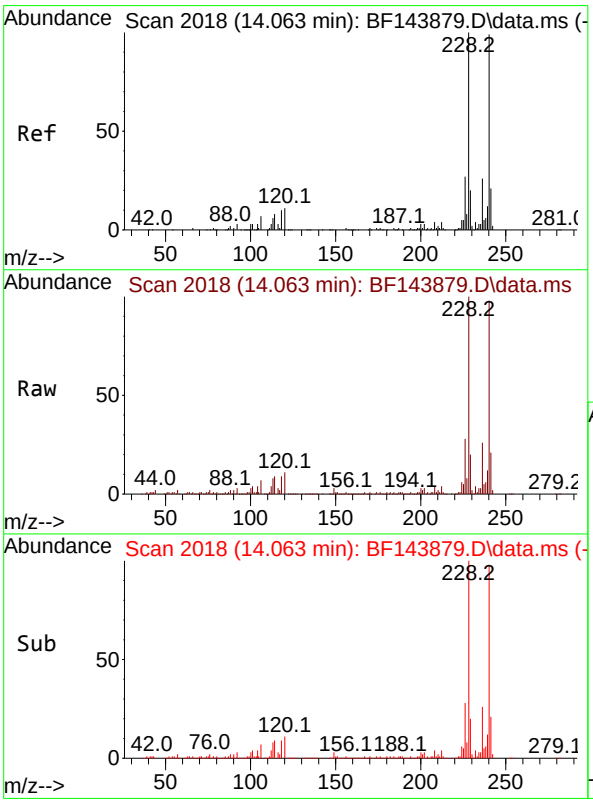
#75
Fluoranthene
Concen: 41.223 ng
RT: 12.627 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:202 Resp: 918503

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	30.7
203	17.8	0.0	37.8

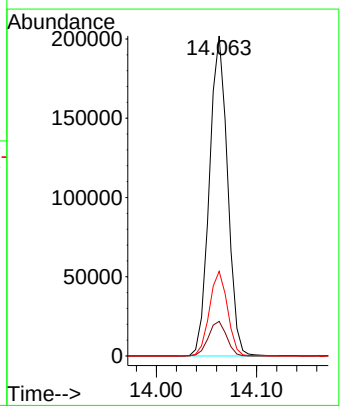


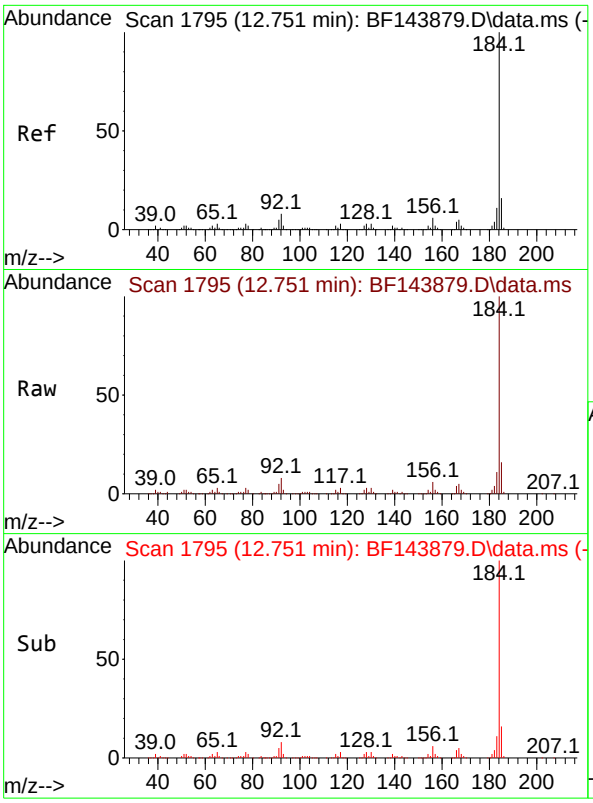


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.005 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:240 Resp: 254576

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.6	13.0
236	26.4	21.1	31.7



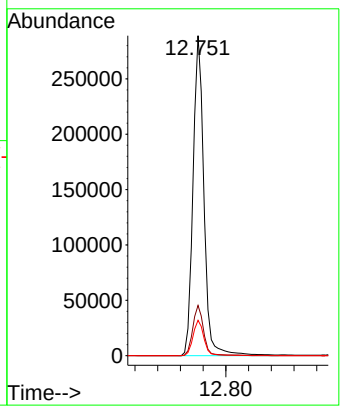


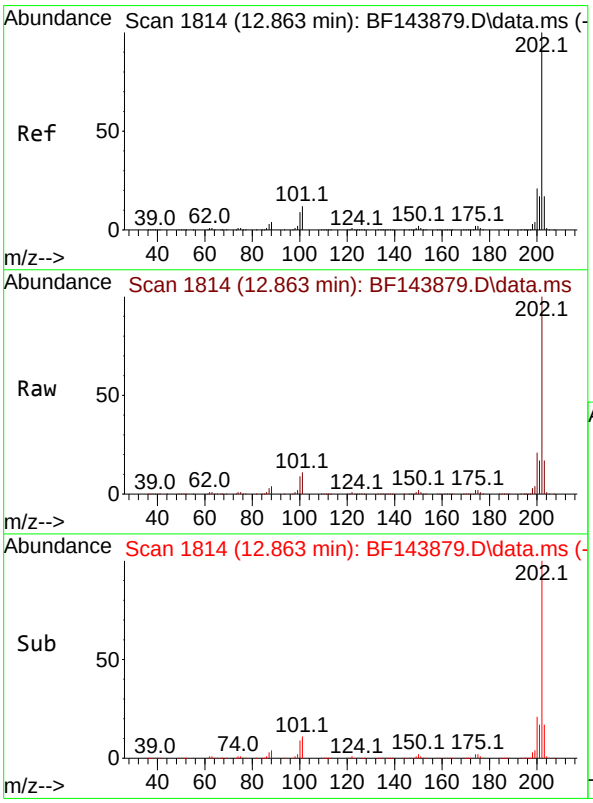
#77
Benzidine
Concen: 43.833 ng
RT: 12.751 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:184 Resp: 387464

Ion	Ratio	Lower	Upper
184	100		
185	15.7	12.6	18.8
183	11.0	8.8	13.2

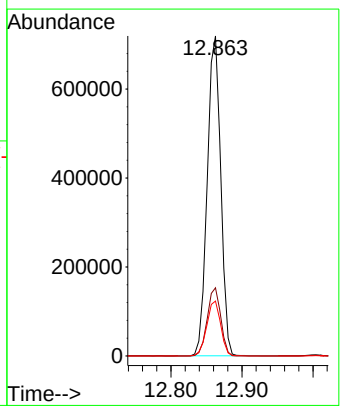


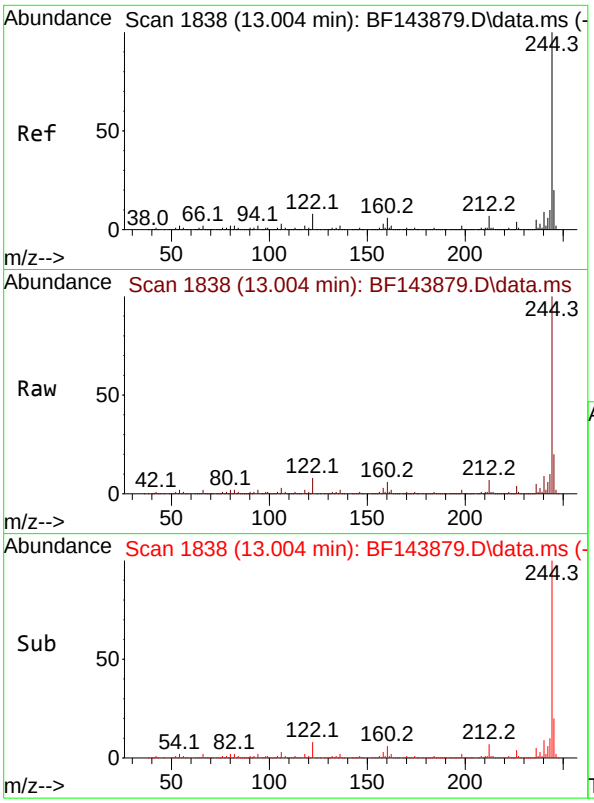


#78
Pyrene
Concen: 44.692 ng
RT: 12.863 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:202 Resp: 948521

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.6
203	17.2	13.8	20.6



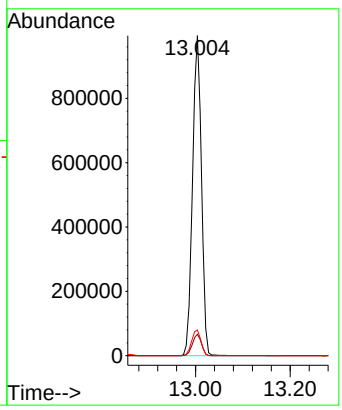


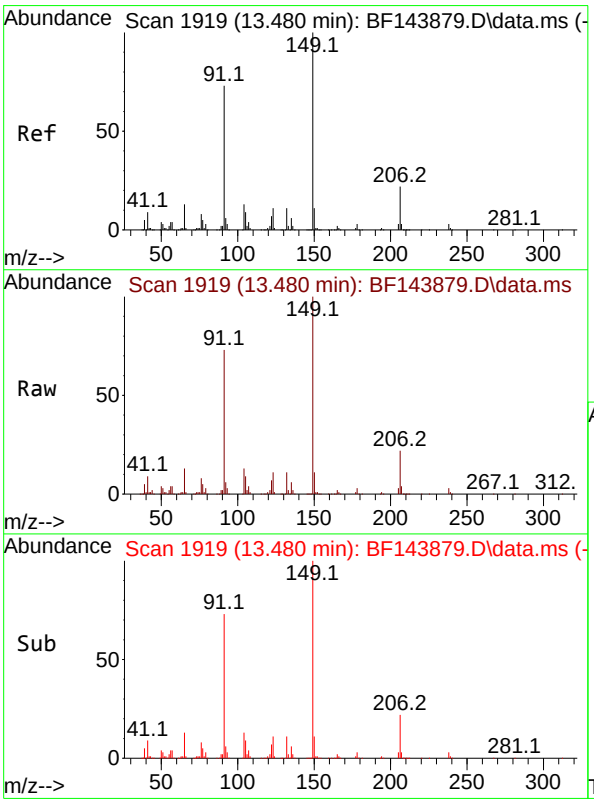
#79
Terphenyl-d14
Concen: 87.451 ng
RT: 13.004 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:244 Resp: 1302632

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	8.0	6.4	9.6

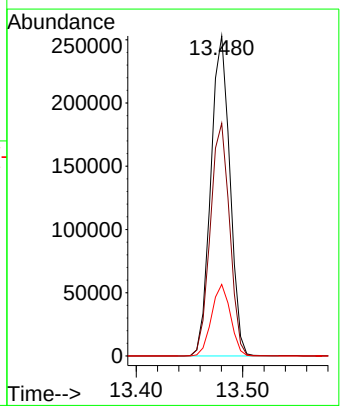


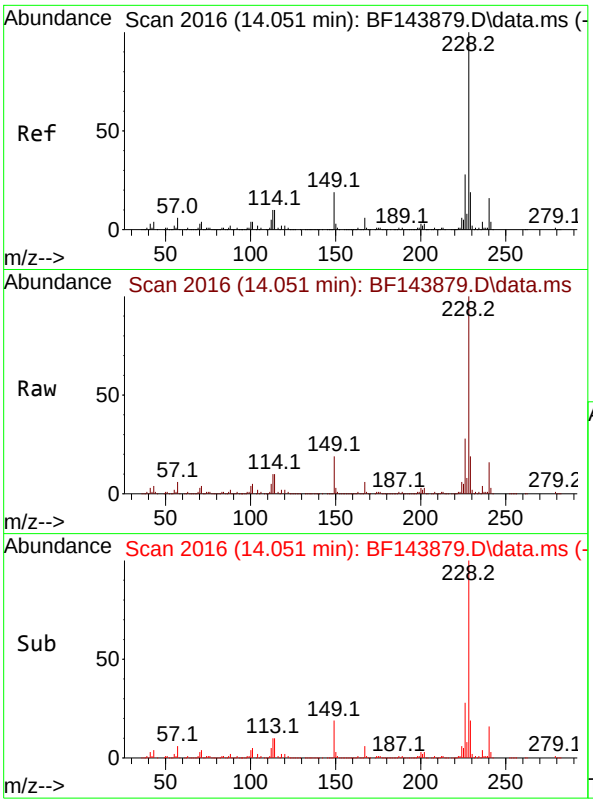


#80
Butylbenzylphthalate
Concen: 45.804 ng
RT: 13.480 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:149 Resp: 315716

Ion	Ratio	Lower	Upper
149	100		
91	72.7	58.2	87.2
206	22.4	17.9	26.9



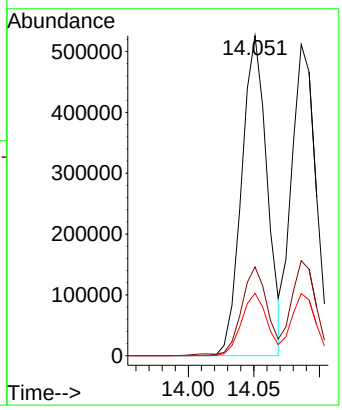


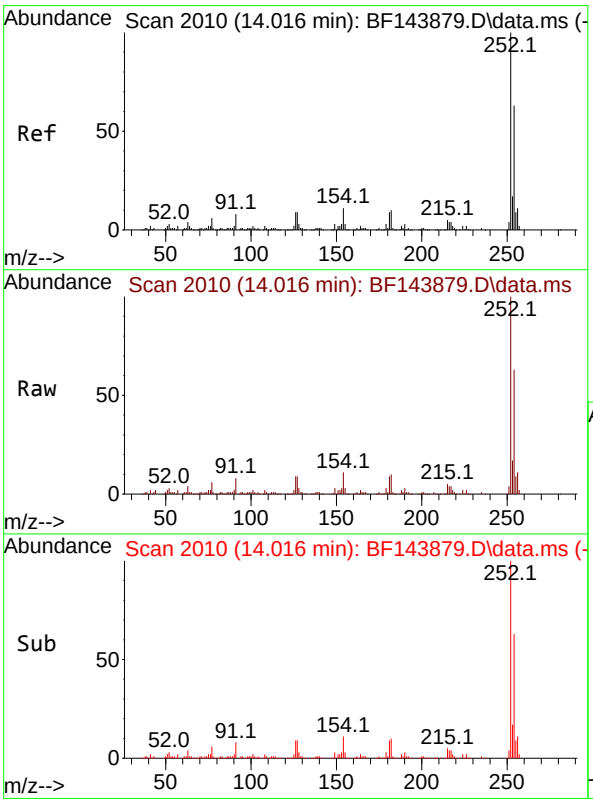
#81
Benzo(a)anthracene
Concen: 42.715 ng
RT: 14.051 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 711609

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.2	33.2
229	19.5	15.6	23.4

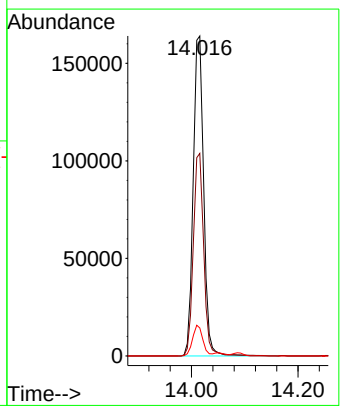


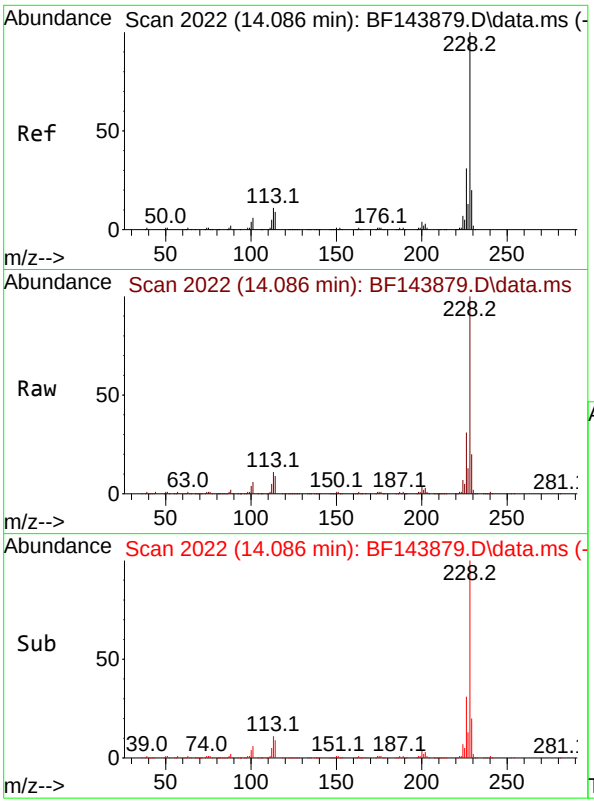


#82
3,3'-Dichlorobenzidine
Concen: 44.135 ng
RT: 14.016 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:252 Resp: 224071

Ion	Ratio	Lower	Upper
252	100		
254	63.3	50.6	76.0
126	8.8	7.0	10.6



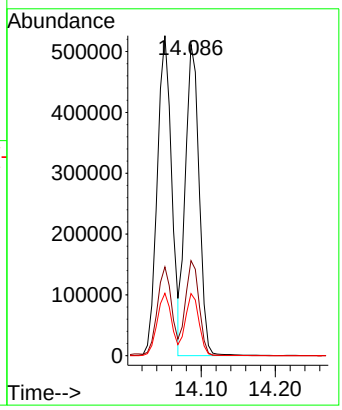


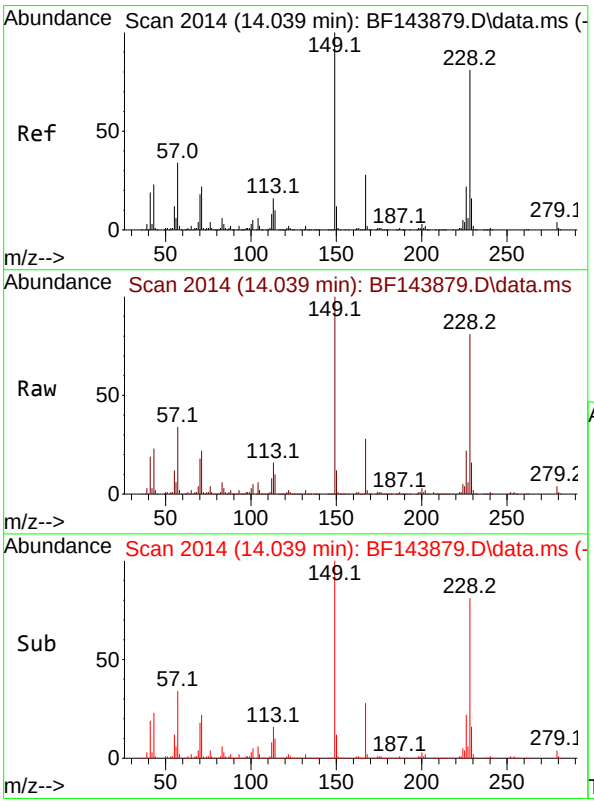
#83
Chrysene
Concen: 42.717 ng
RT: 14.086 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 658639

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.4	36.6
229	19.9	15.9	23.9

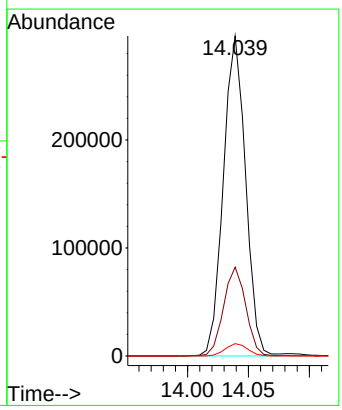


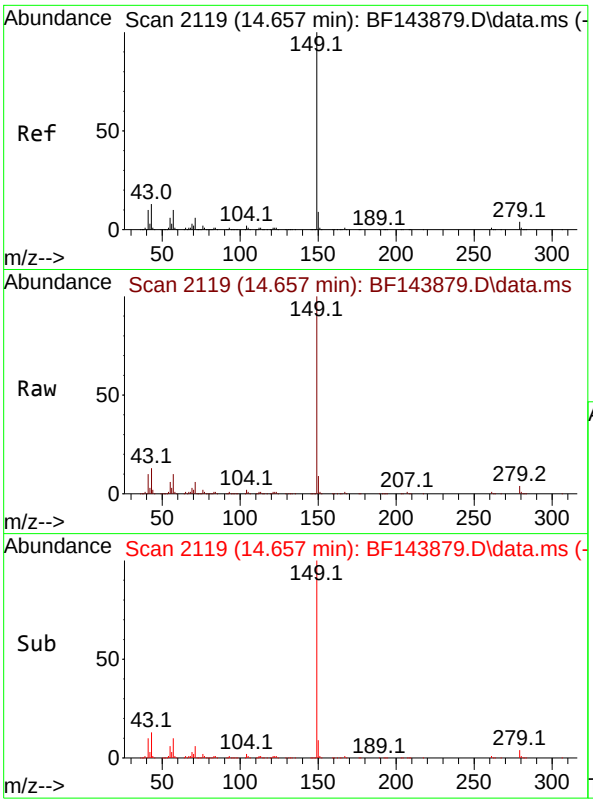


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.286 ng
RT: 14.039 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:149 Resp: 376273

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.2	33.4
279	3.9	3.1	4.7



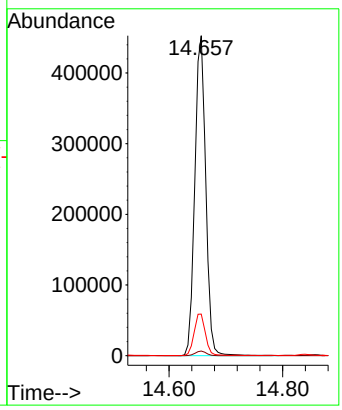


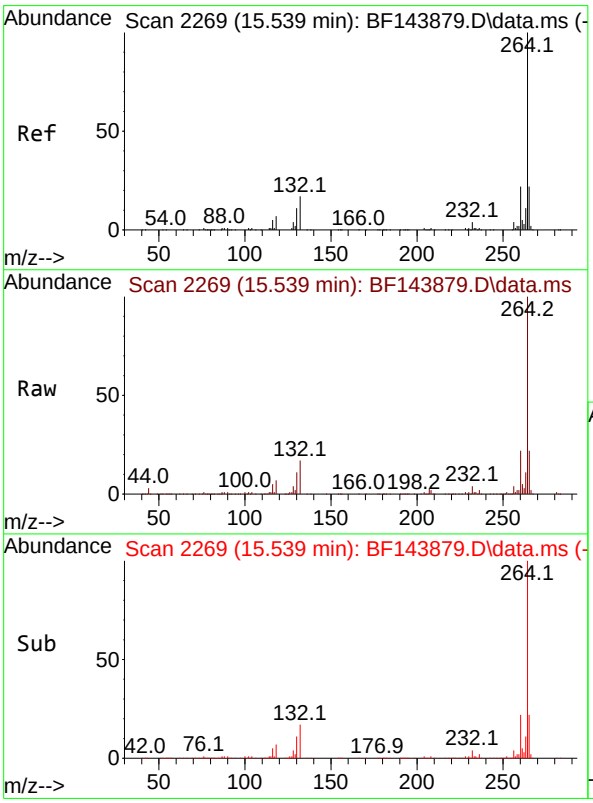
#85
Di-n-octyl phthalate
Concen: 44.561 ng
RT: 14.657 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:149 Resp: 608123

Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.1	1.7
43	13.7	11.0	16.4

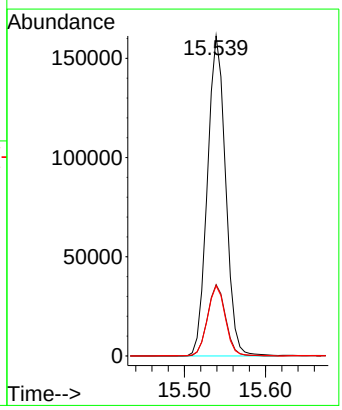


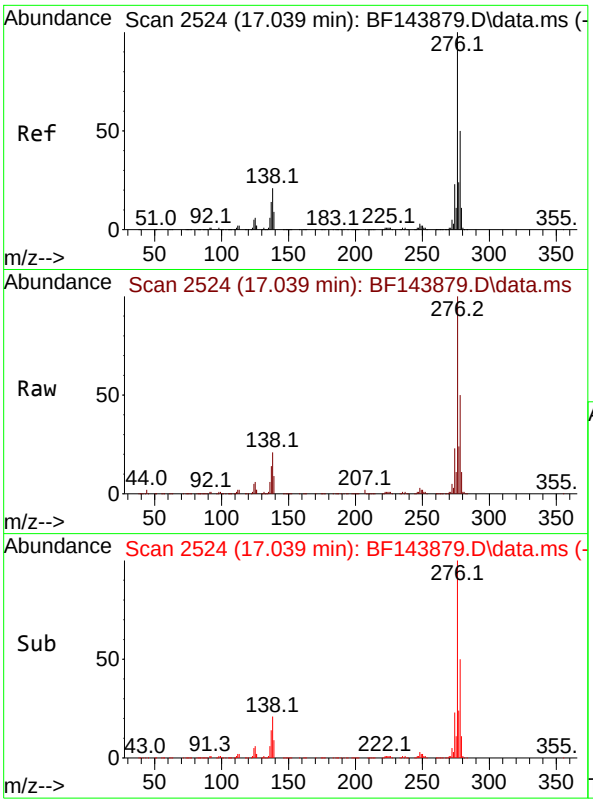


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:264 Resp: 250969

Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.8	26.8
265	21.9	17.5	26.3



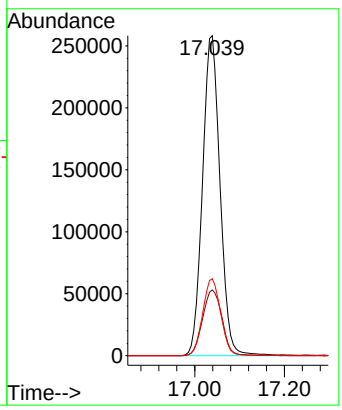


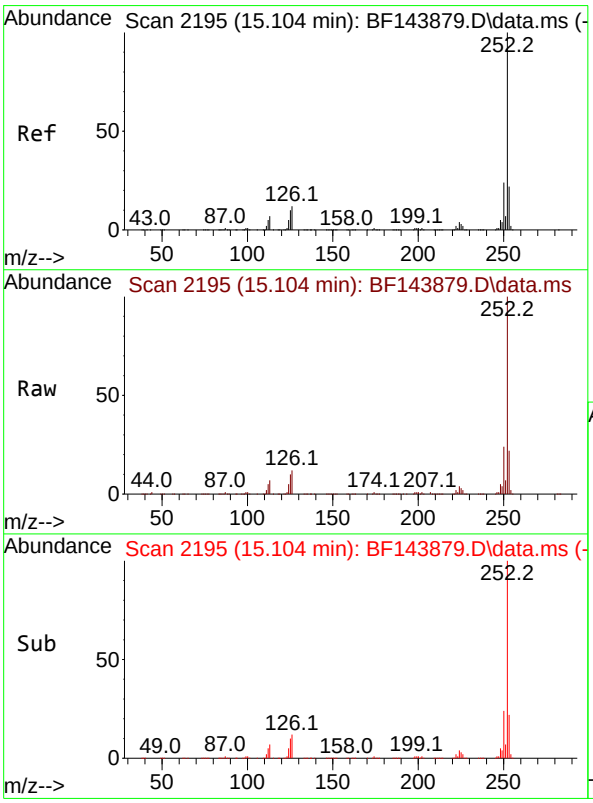
#87
Indeno(1,2,3-cd)pyrene
Concen: 45.470 ng
RT: 17.039 min Scan# 2
Delta R.T. -0.017 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:276 Resp: 699234

Ion	Ratio	Lower	Upper
276	100		
138	22.7	18.2	27.2
277	24.7	19.8	29.6

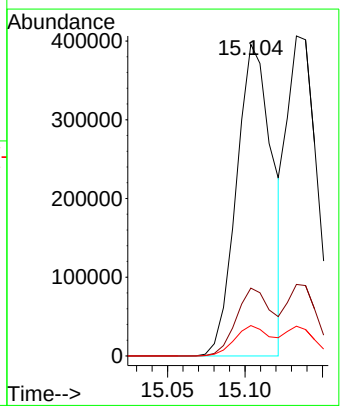


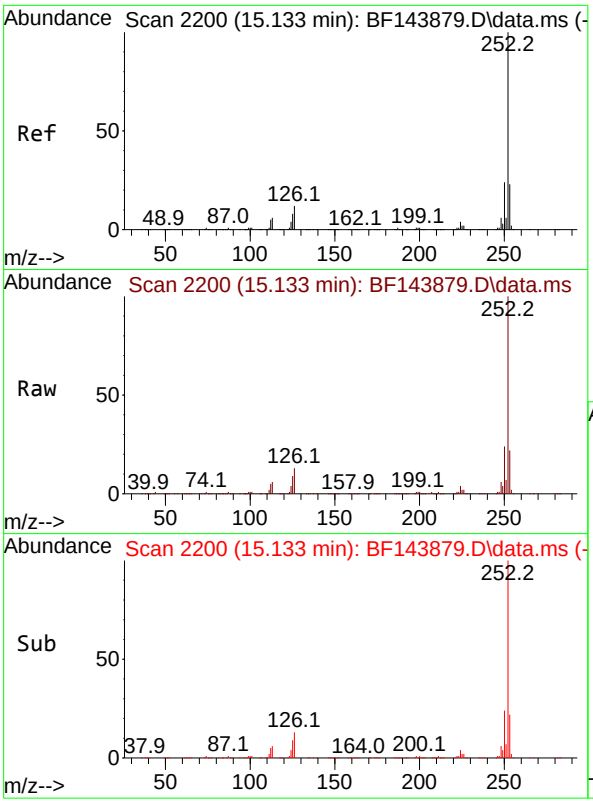


#88
Benzo(b)fluoranthene
Concen: 44.178 ng
RT: 15.104 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:252 Resp: 636888

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	9.7	7.8	11.6



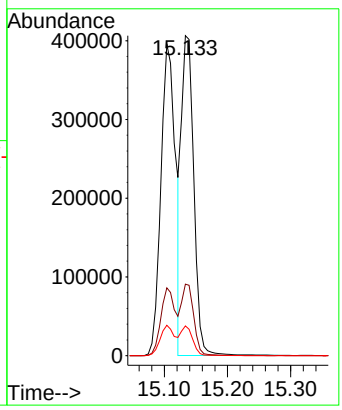


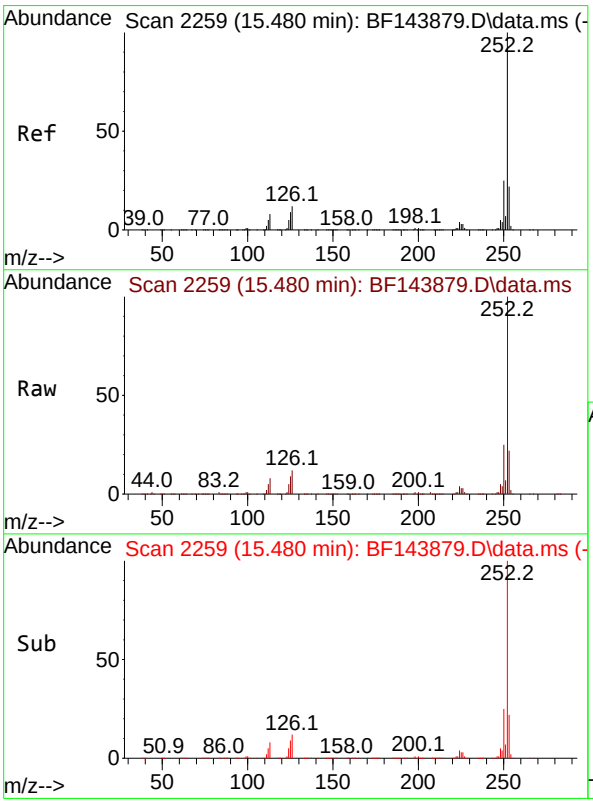
#89
Benzo(k)fluoranthene
Concen: 41.688 ng
RT: 15.133 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:252 Resp: 556111

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	9.3	7.4	11.2

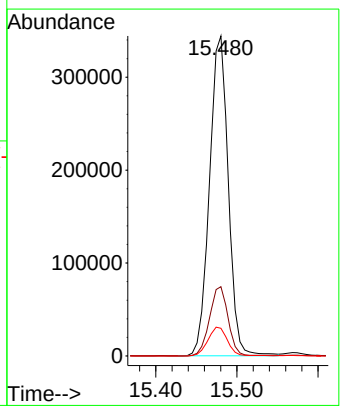


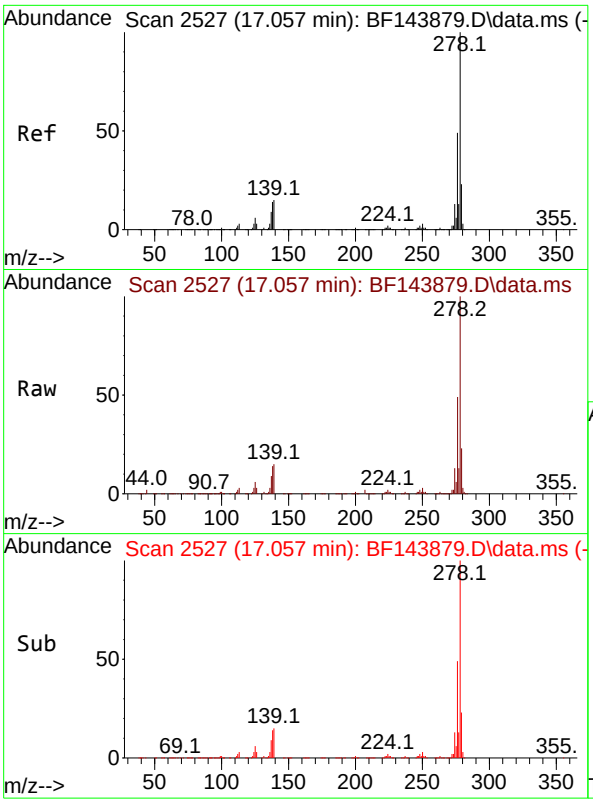


#90
Benzo(a)pyrene
Concen: 44.246 ng
RT: 15.480 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:252 Resp: 553098

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.3	25.9
125	8.7	7.0	10.4



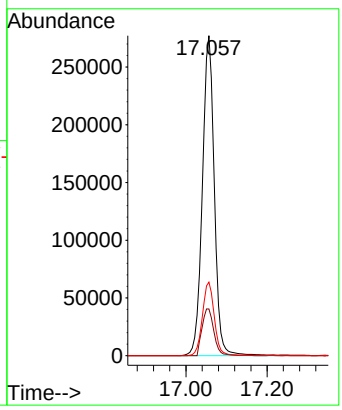


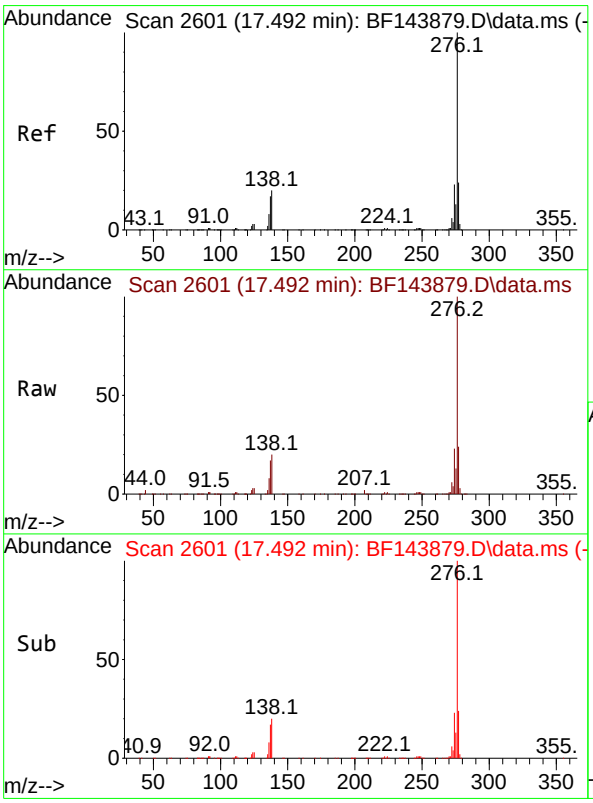
#91
Dibenzo(a,h)anthracene
Concen: 45.774 ng
RT: 17.057 min Scan# 2
Delta R.T. -0.023 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:278 Resp: 566134

Ion	Ratio	Lower	Upper
278	100		
139	14.6	11.7	17.5
279	23.0	18.4	27.6

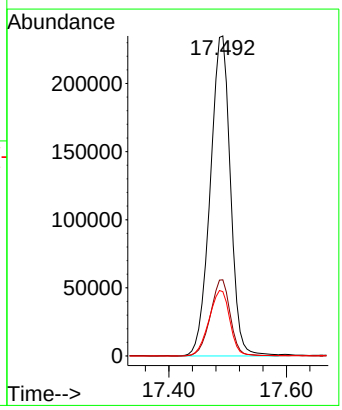




#92
Benzo(g,h,i)perylene
Concen: 45.340 ng
RT: 17.492 min Scan# 2601
Delta R.T. -0.023 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:276 Resp: 560761

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.6
138	20.1	16.1	24.1



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143882.D
Acq On : 06 Oct 2025 14:22
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Oct 06 15:39:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.886	152	153550	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	584564	20.000	ng		0.00
39) Acenaphthene-d10	9.927	164	320335	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	540366	20.000	ng		0.00
76) Chrysene-d12	14.068	240	302500	20.000	ng		0.00
86) Perylene-d12	15.545	264	357911	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	1325806	137.113	ng		0.00
7) Phenol-d6	6.516	99	1617892	140.374	ng		0.00
23) Nitrobenzene-d5	7.457	82	1436124	149.259	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	495811	155.397	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	2345389	116.176	ng		0.00
79) Terphenyl-d14	13.010	244	2382437	134.604	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.646	88	334123	74.672	ng		98
3) Pyridine	3.416	79	1009551	77.503	ng		99
4) n-Nitrosodimethylamine	3.387	42	552664	80.653	ng		96
6) Aniline	6.551	93	1226438	71.012	ng		94
8) 2-Chlorophenol	6.669	128	683900	72.356	ng		100
9) Benzaldehyde	6.439	77	546849	61.507	ng		99
10) Phenol	6.534	94	976173	70.844	ng		83
11) bis(2-Chloroethyl)ether	6.628	93	760388	71.438	ng		98
12) 1,3-Dichlorobenzene	6.828	146	746378	65.969	ng		98
13) 1,4-Dichlorobenzene	6.904	146	727973	65.228	ng		100
14) 1,2-Dichlorobenzene	7.057	146	708144	66.244	ng		99
15) Benzyl Alcohol	7.034	79	664305	76.926	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1670583	68.951	ng		97
17) 2-Methylphenol	7.134	107	569618	72.921	ng		98
18) Hexachloroethane	7.398	117	256173	68.827	ng		98
19) n-Nitroso-di-n-propyla...	7.316	70	559967	70.978	ng		99
20) 3+4-Methylphenols	7.298	107	573027	63.295	ng	#	78
22) Acetophenone	7.304	105	795315	64.345	ng	#	92
24) Nitrobenzene	7.475	77	800306	74.900	ng		98
25) Isophorone	7.722	82	1534787	75.651	ng		98
26) 2-Nitrophenol	7.786	139	389145	84.948	ng		98
27) 2,4-Dimethylphenol	7.822	122	616626	74.828	ng		99
28) bis(2-Chloroethoxy)met...	7.922	93	888473	69.328	ng		99
29) 2,4-Dichlorophenol	8.028	162	620755	72.318	ng		98
30) 1,2,4-Trichlorobenzene	8.110	180	583022	69.063	ng		99
31) Naphthalene	8.192	128	1710914	64.341	ng		99
32) Benzoic acid	7.963	122	379011	66.457	ng		97
33) 4-Chloroaniline	8.239	127	697350	69.923	ng		98
34) Hexachlorobutadiene	8.310	225	404619	68.974	ng		98
35) Caprolactam	8.645	113	218801	80.169	ng		97
36) 4-Chloro-3-methylphenol	8.722	107	598614	72.601	ng		98
37) 2-Methylnaphthalene	8.886	142	1138146	64.254	ng		99
38) 1-Methylnaphthalene	8.986	142	1087879	63.318	ng		98
40) 1,2,4,5-Tetrachloroben...	9.051	216	594660	67.166	ng		98
41) Hexachlorocyclopentadiene	9.033	237	301178	81.998	ng		99
43) 2,4,6-Trichlorophenol	9.163	196	481852	74.487	ng		97

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143882.D
Acq On : 06 Oct 2025 14:22
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Oct 06 15:39:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	487322	71.286	ng	99
46) 1,1'-Biphenyl	9.351	154	1344805	63.407	ng	98
47) 2-Chloronaphthalene	9.375	162	1170019	66.165	ng	98
48) 2-Nitroaniline	9.469	65	445537	79.693	ng	99
49) Acenaphthylene	9.786	152	1644728	66.159	ng	100
50) Dimethylphthalate	9.645	163	1415482	69.582	ng	100
51) 2,6-Dinitrotoluene	9.716	165	303176	80.372	ng	97
52) Acenaphthene	9.963	154	1085733	66.651	ng	99
53) 3-Nitroaniline	9.886	138	365960	79.233	ng	98
54) 2,4-Dinitrophenol	9.986	184	187560	80.556	ng	97
55) Dibenzofuran	10.133	168	1471622	63.998	ng	98
56) 4-Nitrophenol	10.039	139	294937	84.335	ng	95
57) 2,4-Dinitrotoluene	10.116	165	409463	79.779	ng	94
58) Fluorene	10.480	166	1069764	61.654	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	368599	76.170	ng	98
60) Diethylphthalate	10.351	149	1267085	67.047	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	572035	62.357	ng	96
62) 4-Nitroaniline	10.510	138	351634	79.169	ng	98
63) Azobenzene	10.633	77	1351920	68.446	ng	97
65) 4,6-Dinitro-2-methylph...	10.533	198	236863	87.227	ng	99
66) n-Nitrosodiphenylamine	10.592	169	1139482	67.159	ng	98
67) 4-Bromophenyl-phenylether	10.963	248	423148	70.857	ng	98
68) Hexachlorobenzene	11.027	284	498602	72.118	ng	97
69) Atrazine	11.121	200	347749	67.621	ng	99
70) Pentachlorophenol	11.221	266	318486	80.208	ng	99
71) Phenanthrene	11.445	178	1676081	63.980	ng	99
72) Anthracene	11.498	178	1688865	63.814	ng	99
73) Carbazole	11.651	167	1519615	64.832	ng	100
74) Di-n-butylphthalate	11.980	149	1793855	66.034	ng	100
75) Fluoranthene	12.633	202	1706368	63.059	ng	99
77) Benzidine	12.757	184	471967	44.934	ng	98
78) Pyrene	12.863	202	1718085	68.126	ng	99
80) Butylbenzylphthalate	13.480	149	633516	77.349	ng	97
81) Benzo(a)anthracene	14.057	228	1449801	73.238	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	461359	76.476	ng	98
83) Chrysene	14.092	228	1349286	73.645	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	749327	75.897	ng	100
85) Di-n-octyl phthalate	14.657	149	1370760	84.532	ng	99
87) Indeno(1,2,3-cd)pyrene	17.056	276	1786876	81.478	ng	99
88) Benzo(b)fluoranthene	15.115	252	1431875	69.645	ng	98
89) Benzo(k)fluoranthene	15.145	252	1362026	71.595	ng	98
90) Benzo(a)pyrene	15.486	252	1321893	74.151	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	1391562	78.895	ng	97
92) Benzo(g,h,i)perylene	17.515	276	1451721	82.305	ng	98

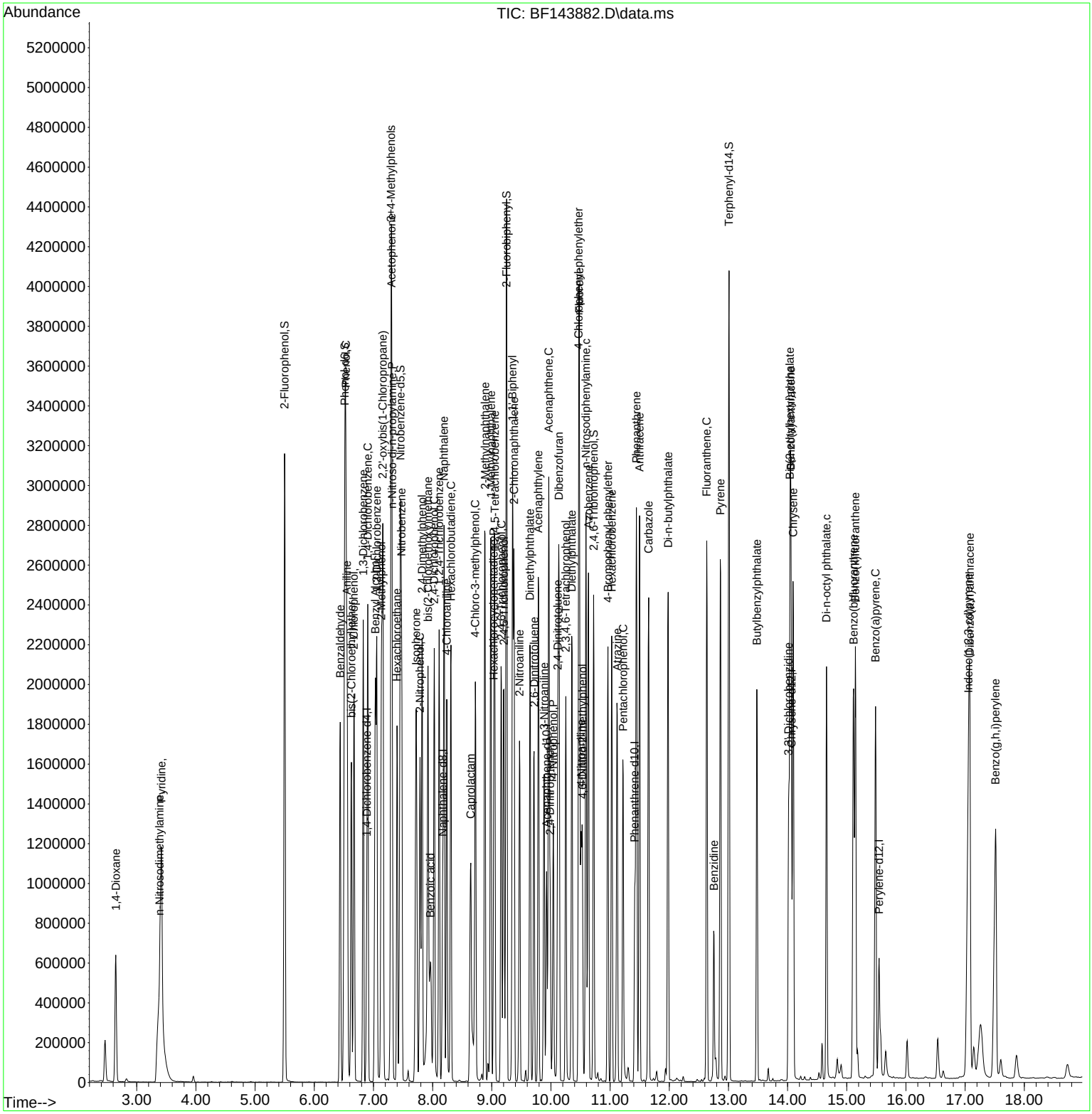
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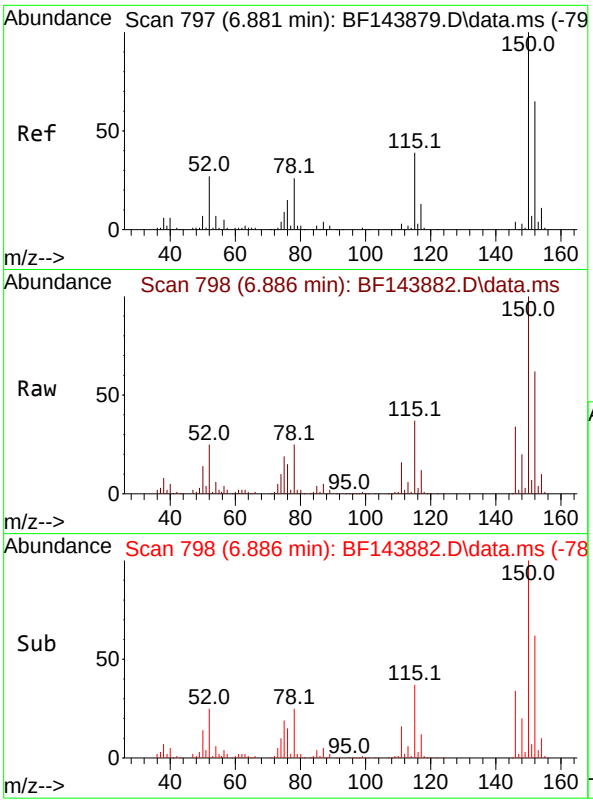
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143882.D
Acq On : 06 Oct 2025 14:22
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Oct 06 15:39:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration



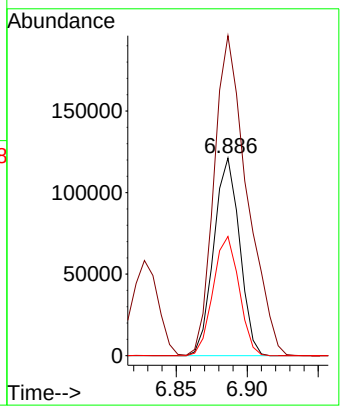


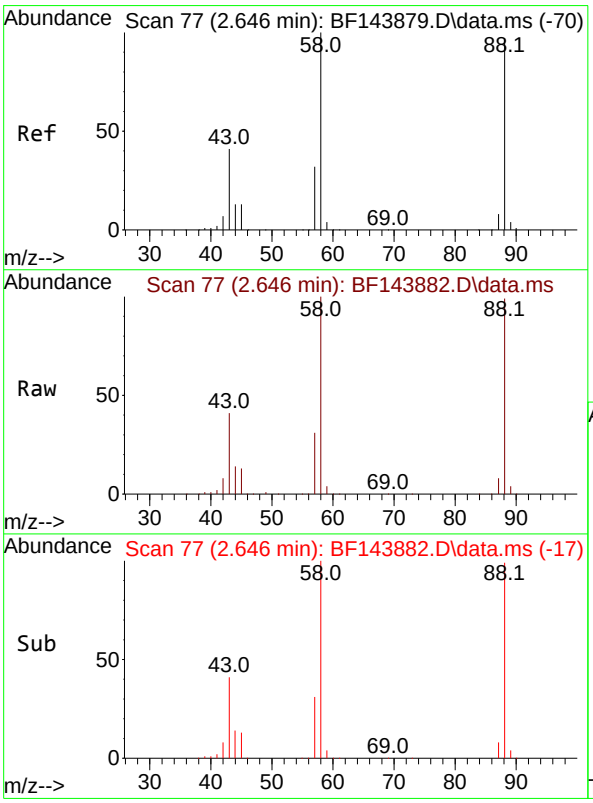
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:152 Resp: 153550

Ion	Ratio	Lower	Upper
152	100		
150	162.0	124.4	186.6
115	60.3	48.1	72.1

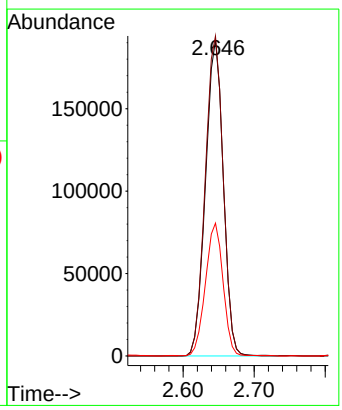


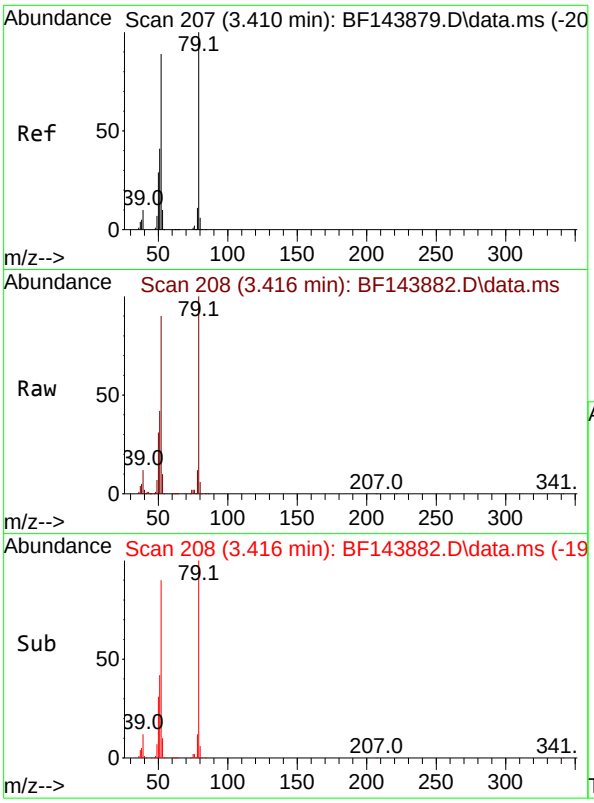


#2
1,4-Dioxane
Concen: 74.672 ng
RT: 2.646 min Scan# 77
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion: 88 Resp: 334123

Ion	Ratio	Lower	Upper
88	100		
58	102.1	83.0	124.6
43	41.3	33.9	50.9



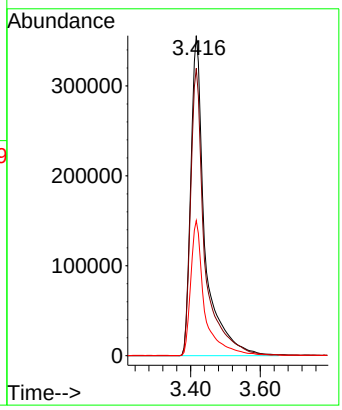


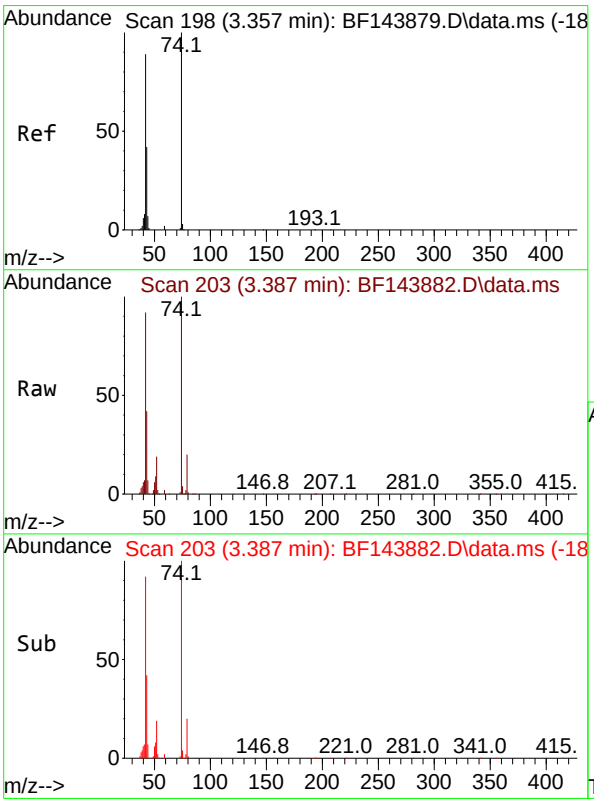
#3
Pyridine
Concen: 77.503 ng
RT: 3.416 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 79 Resp: 1009551

Ion	Ratio	Lower	Upper
79	100		
52	89.8	71.5	107.3
51	42.2	32.9	49.3

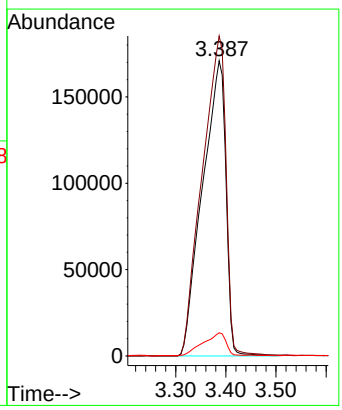


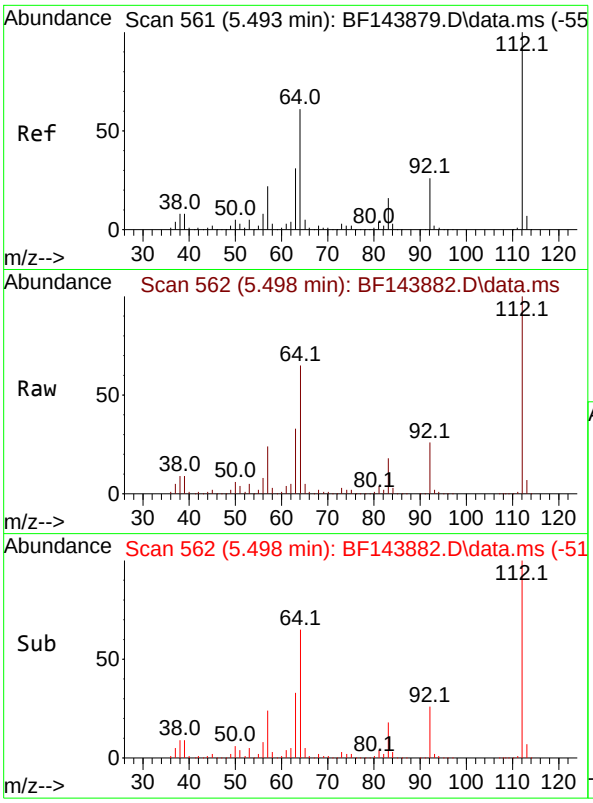


#4
n-Nitrosodimethylamine
Concen: 80.653 ng
RT: 3.387 min Scan# 203
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion: 42 Resp: 552664

Ion	Ratio	Lower	Upper
42	100		
74	108.4	90.0	135.0
44	7.9	6.2	9.2



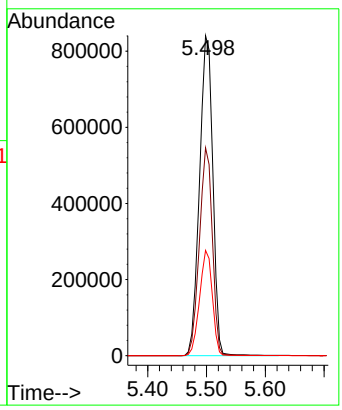


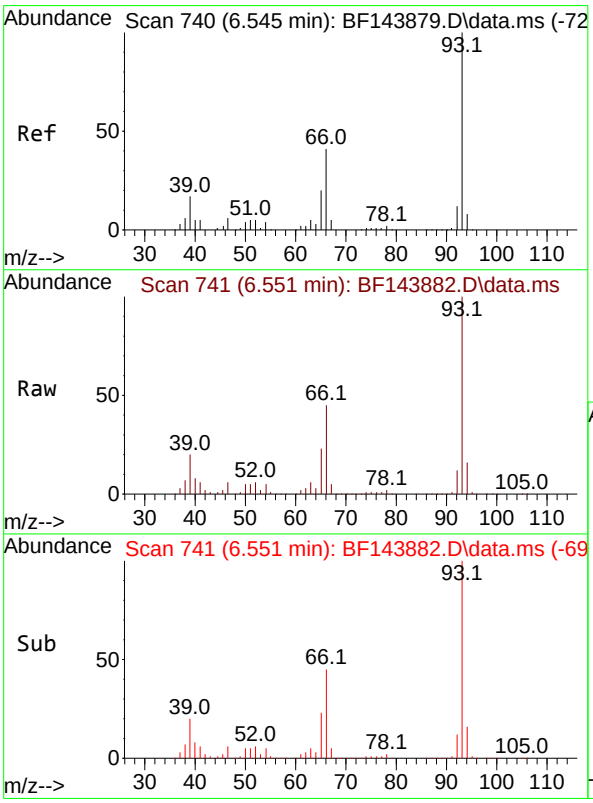
#5
2-Fluorophenol
Concen: 137.113 ng
RT: 5.498 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:112 Resp: 1325806

Ion	Ratio	Lower	Upper
112	100		
64	64.9	49.1	73.7
63	32.9	24.5	36.7

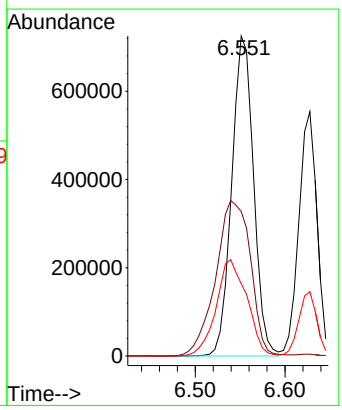


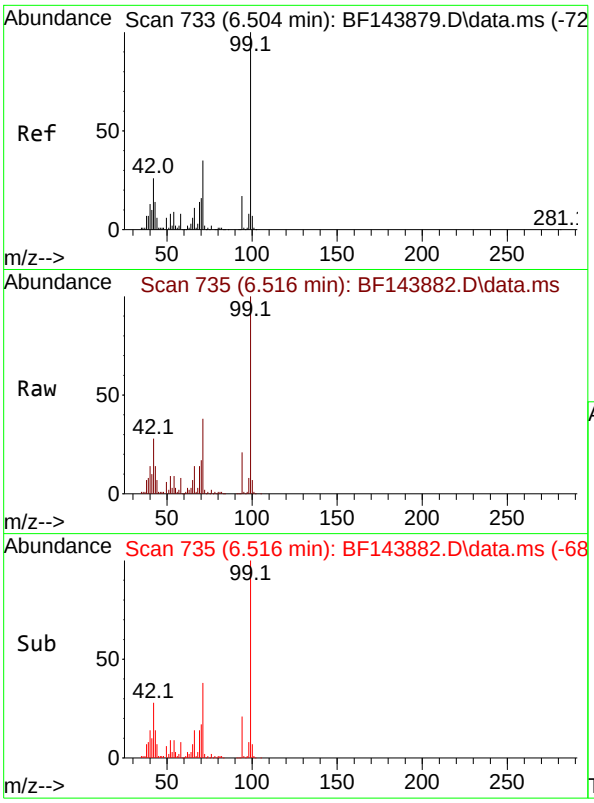


#6
Aniline
Concen: 71.012 ng
RT: 6.551 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion: 93 Resp: 1226438

Ion	Ratio	Lower	Upper
93	100		
66	45.1	33.0	49.6
65	22.6	15.8	23.8



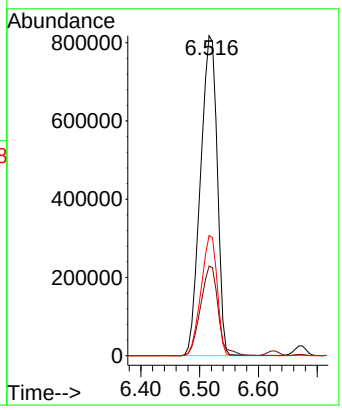


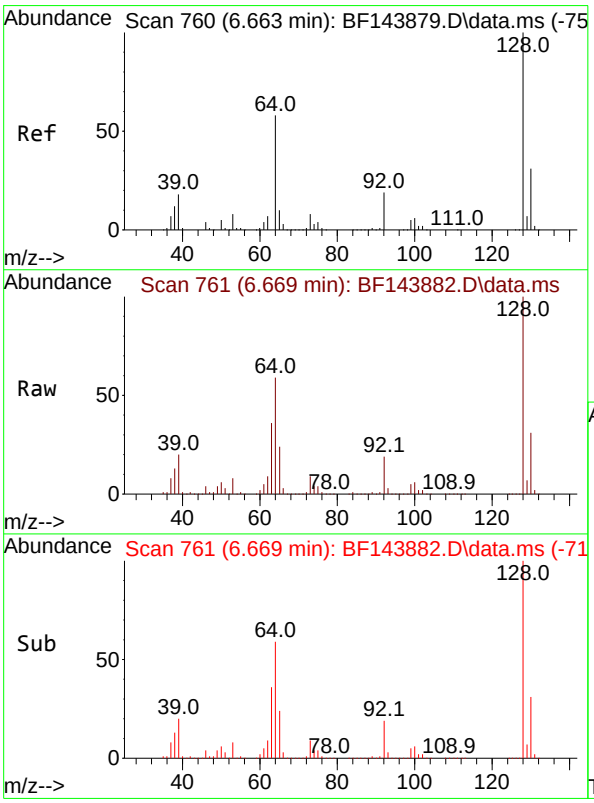
#7
Phenol-d6
Concen: 140.374 ng
RT: 6.516 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 99 Resp: 1617892

Ion	Ratio	Lower	Upper
99	100		
42	28.0	21.0	31.4
71	37.6	27.8	41.8

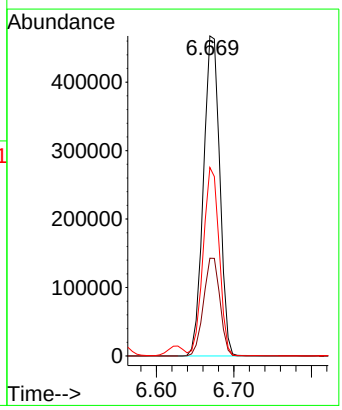


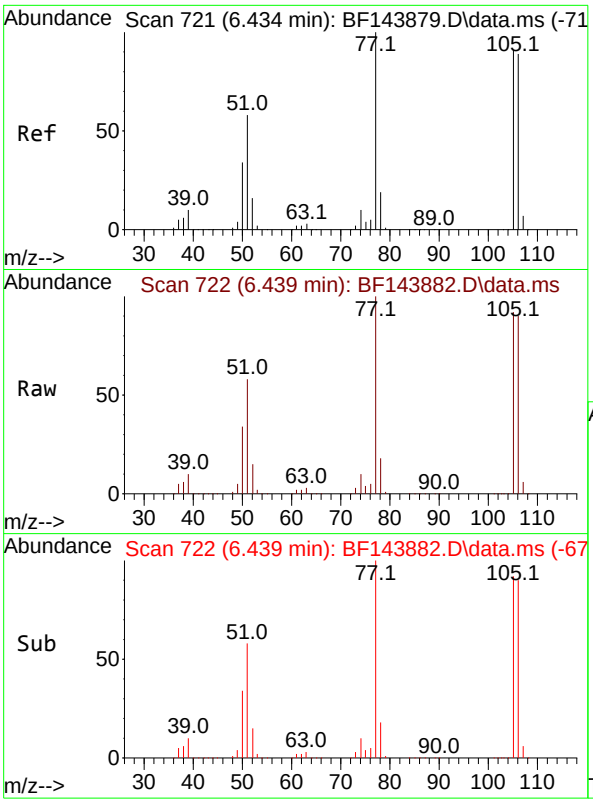


#8
2-Chlorophenol
Concen: 72.356 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:128 Resp: 683900

Ion	Ratio	Lower	Upper
128	100		
130	30.5	10.7	50.7
64	58.9	39.0	79.0



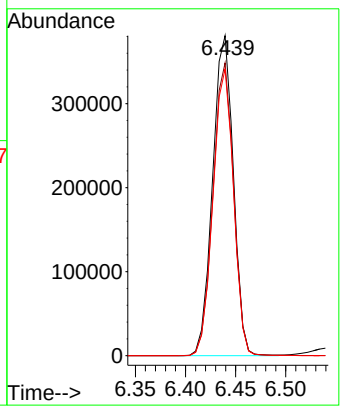


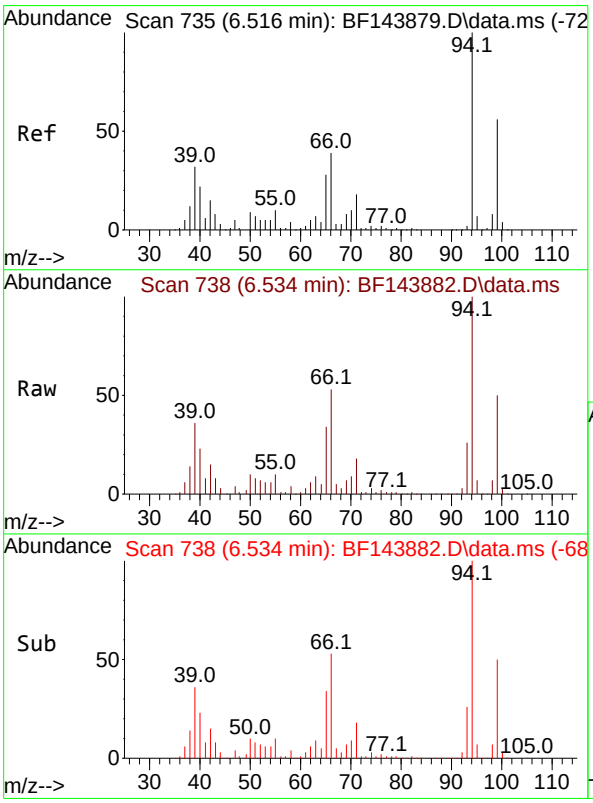
#9
Benzaldehyde
Concen: 61.507 ng
RT: 6.439 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 546849

Ion	Ratio	Lower	Upper
77	100		
105	91.5	70.9	110.9
106	89.6	68.9	108.9

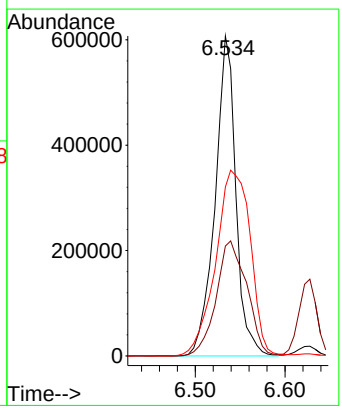


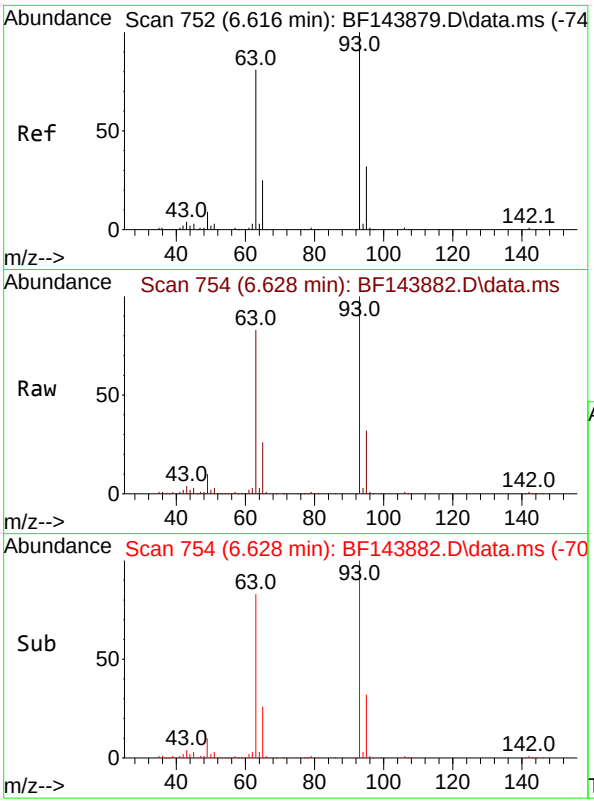


#10
Phenol
Concen: 70.844 ng
RT: 6.534 min Scan# 738
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion: 94 Resp: 976173

Ion	Ratio	Lower	Upper
94	100		
65	34.4	8.5	48.5
66	52.8	19.9	59.9



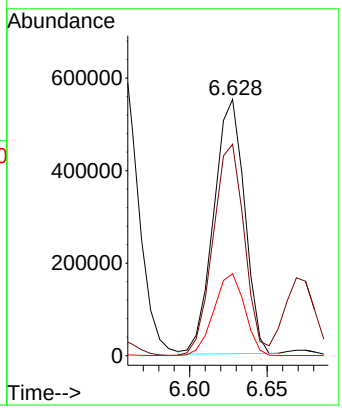


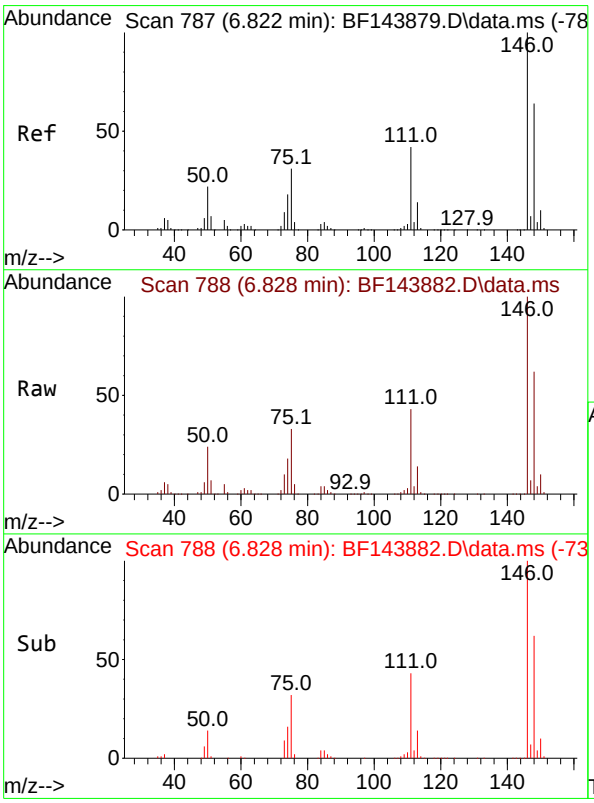
#11
bis(2-Chloroethyl)ether
Concen: 71.438 ng
RT: 6.628 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 93 Resp: 760388

Ion	Ratio	Lower	Upper
93	100		
63	82.5	60.9	100.9
95	32.0	11.5	51.5

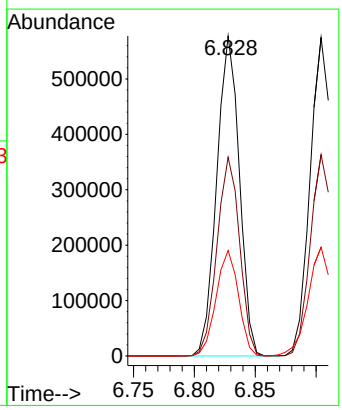


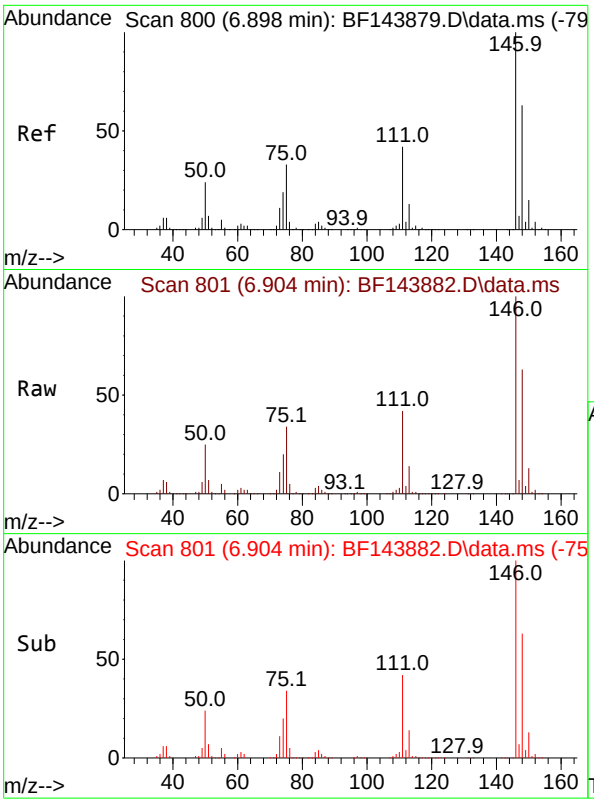


#12
1,3-Dichlorobenzene
Concen: 65.969 ng
RT: 6.828 min Scan# 788
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:146 Resp: 746378

Ion	Ratio	Lower	Upper
146	100		
148	62.1	51.0	76.4
75	33.0	24.9	37.3



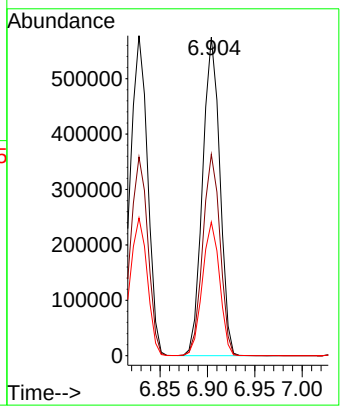


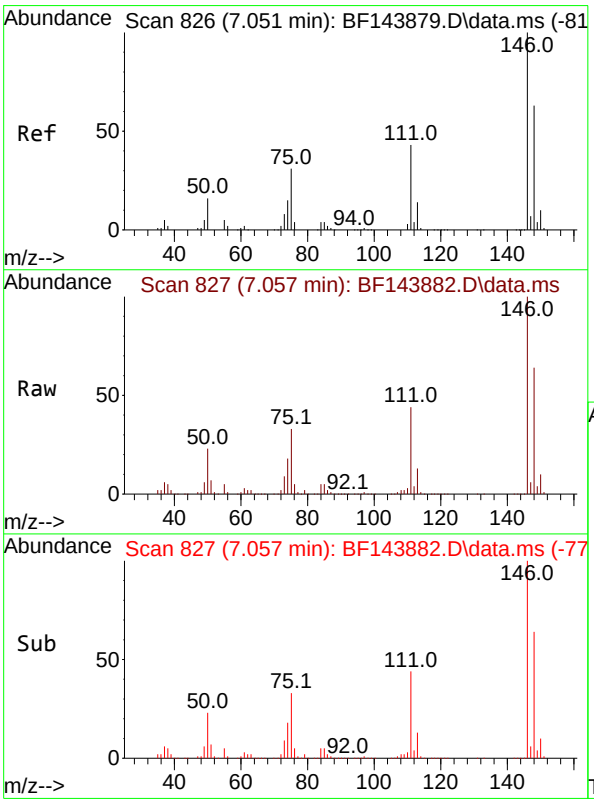
#13
1,4-Dichlorobenzene
Concen: 65.228 ng
RT: 6.904 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:146 Resp: 727973

Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.5	75.7
111	42.0	33.4	50.0

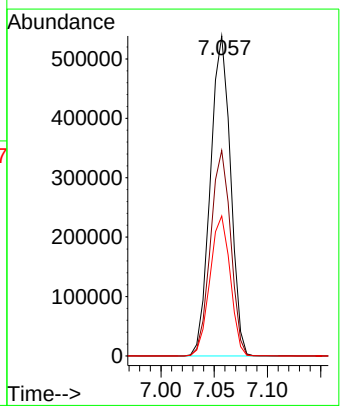


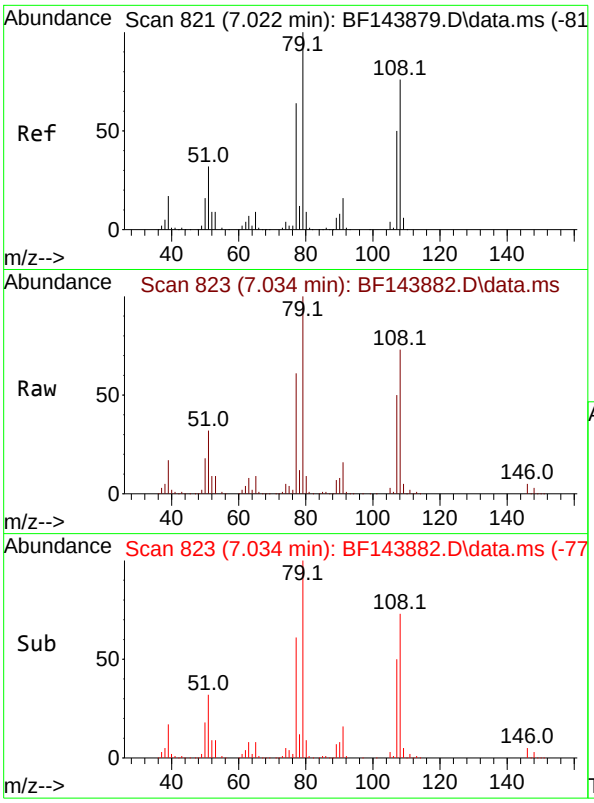


#14
1,2-Dichlorobenzene
Concen: 66.244 ng
RT: 7.057 min Scan# 827
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:146 Resp: 708144

Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.6	75.8
111	43.8	34.6	51.8



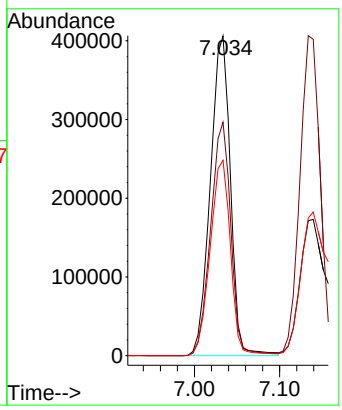


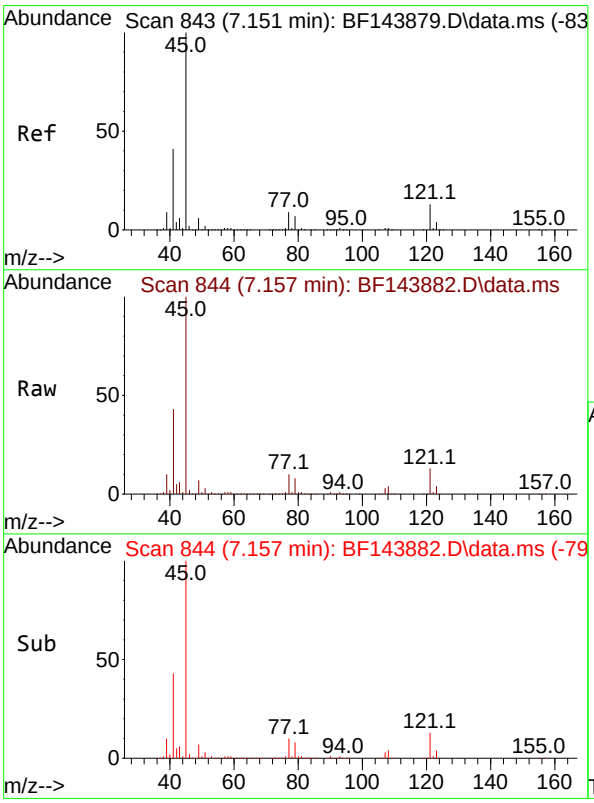
#15
Benzyl Alcohol
Concen: 76.926 ng
RT: 7.034 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 79 Resp: 664305

Ion	Ratio	Lower	Upper
79	100		
108	73.0	60.8	91.2
77	61.1	51.0	76.6

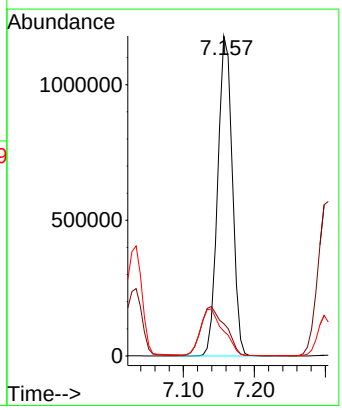


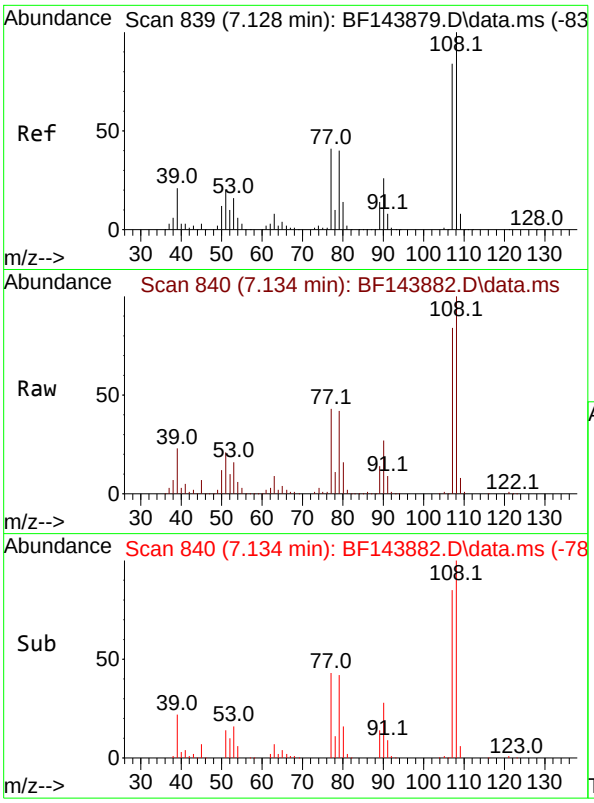


#16
2,2'-oxybis(1-Chloropropane)
Concen: 68.951 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion: 45 Resp: 1670583

Ion	Ratio	Lower	Upper
45	100		
77	10.1	0.0	29.0
79	7.8	0.0	26.8



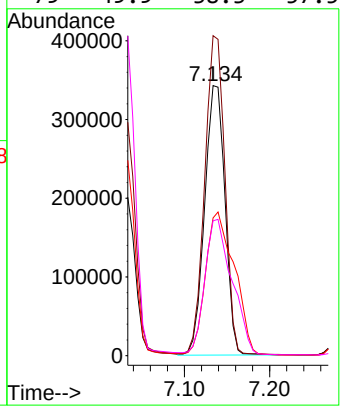


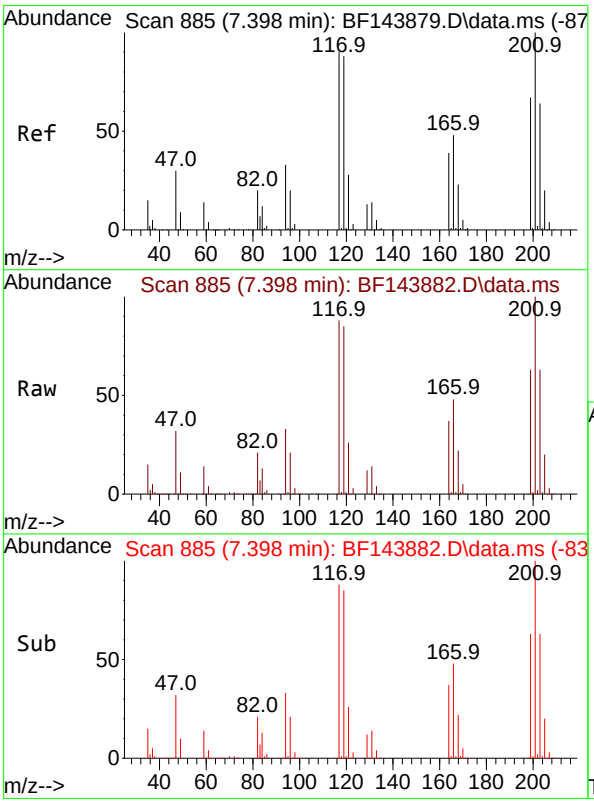
#17
2-Methylphenol
Concen: 72.921 ng
RT: 7.134 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:107 Resp: 569618

Ion	Ratio	Lower	Upper
107	100		
108	118.5	94.7	142.1
77	51.0	38.8	58.2
79	49.9	38.3	57.5

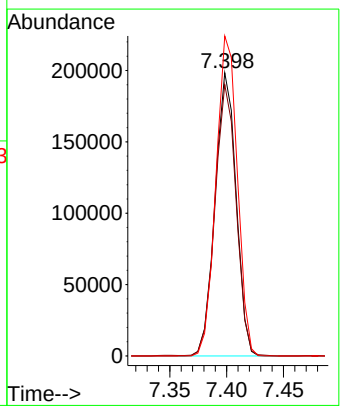


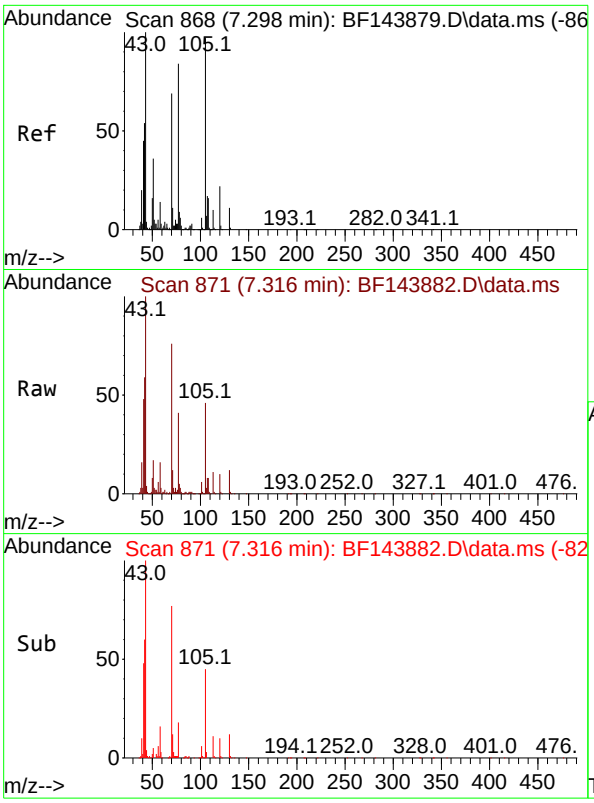


#18
Hexachloroethane
Concen: 68.827 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:117 Resp: 256173

Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.8	116.8
201	113.0	88.5	132.7



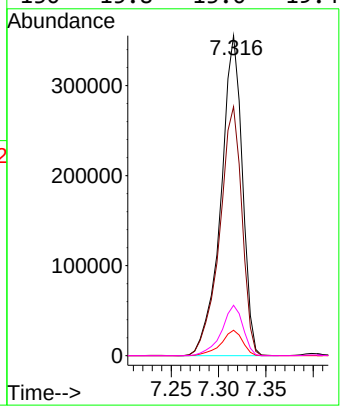


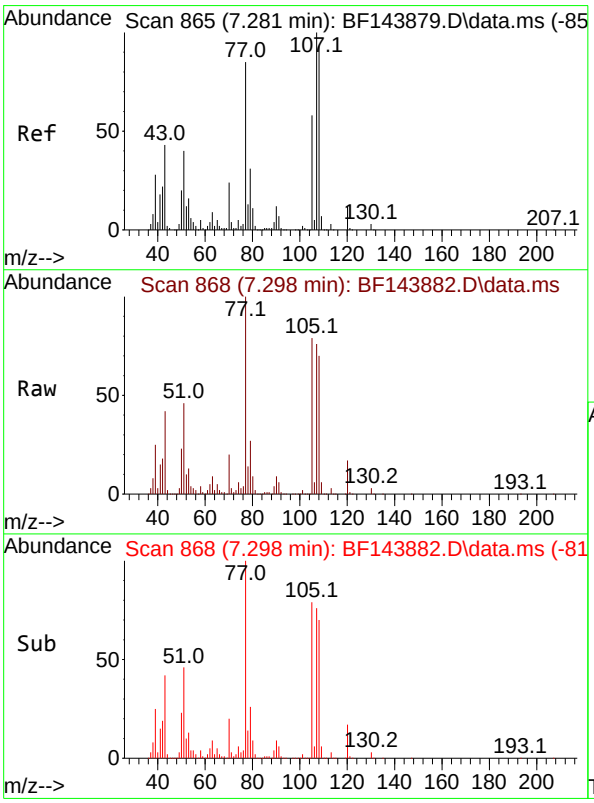
#19
n-Nitroso-di-n-propylamine
Concen: 70.978 ng
RT: 7.316 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 70 Resp: 559967

Ion	Ratio	Lower	Upper
70	100		
42	77.8	62.8	94.2
101	8.0	6.7	10.1
130	15.8	13.0	19.4

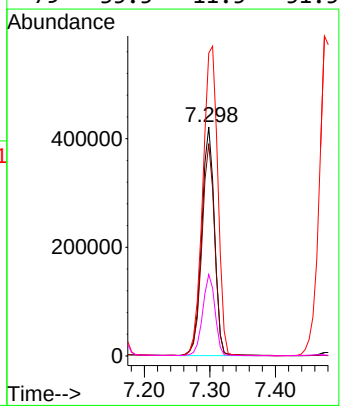


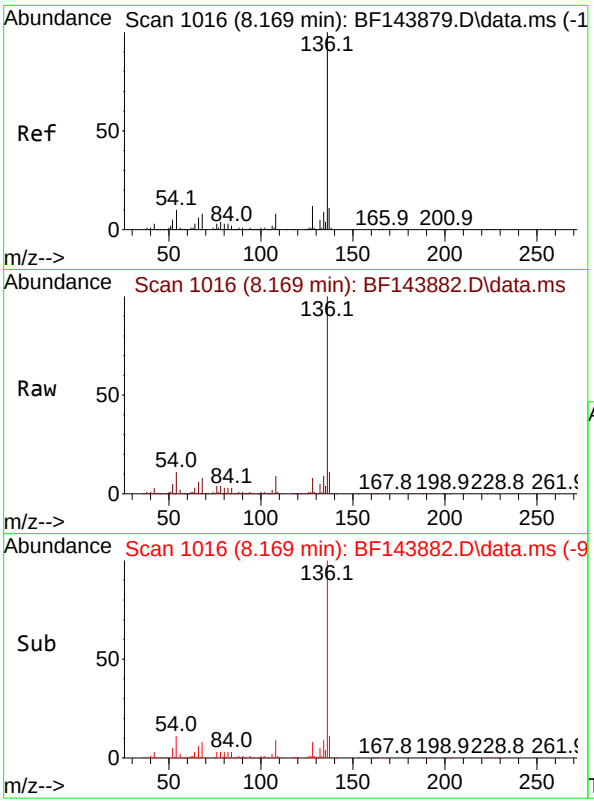


#20
3+4-Methylphenols
Concen: 63.295 ng
RT: 7.298 min Scan# 868
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:107 Resp: 573027

Ion	Ratio	Lower	Upper
107	100		
108	92.7	73.0	113.0
77	132.3	64.6	104.6#
79	35.5	11.5	51.5



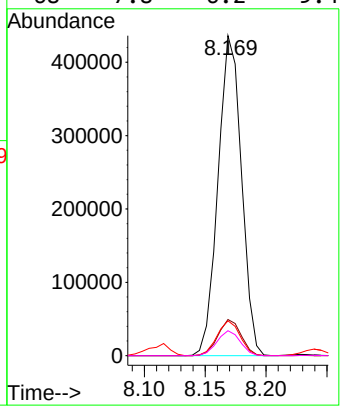


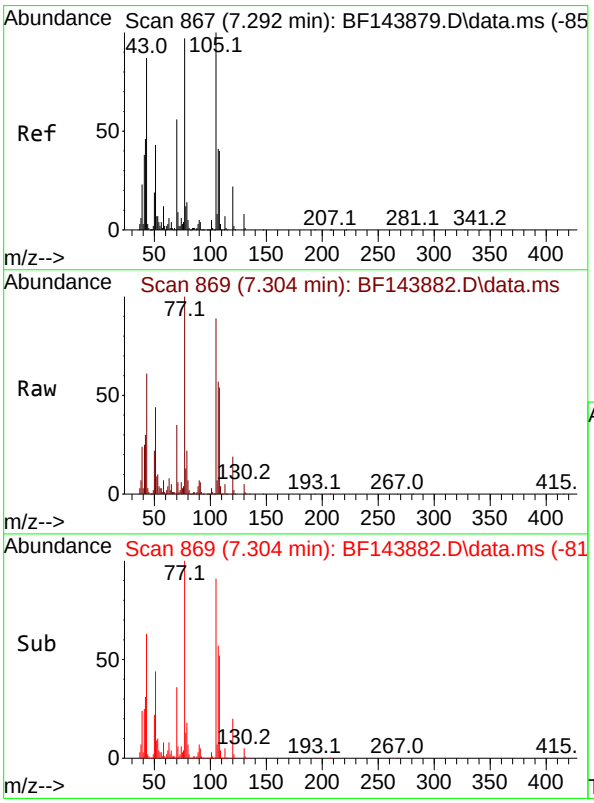
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:136 Resp: 584564

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	10.9	8.2	12.4
68	7.8	6.2	9.4

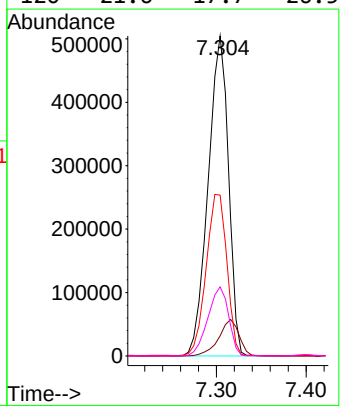


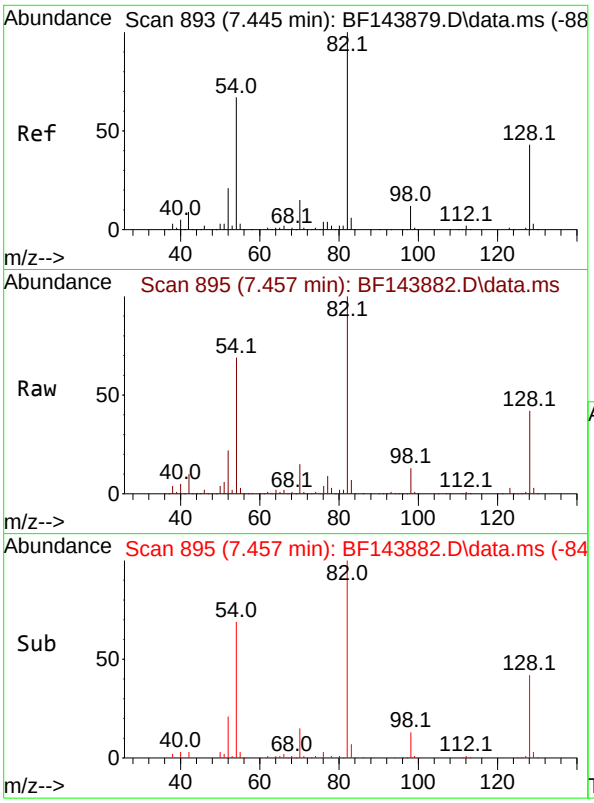


#22
Acetophenone
Concen: 64.345 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:105 Resp: 795315

Ion	Ratio	Lower	Upper
105	100		
71	6.3	7.4	11.0#
51	50.2	34.2	51.4
120	21.6	17.7	26.5



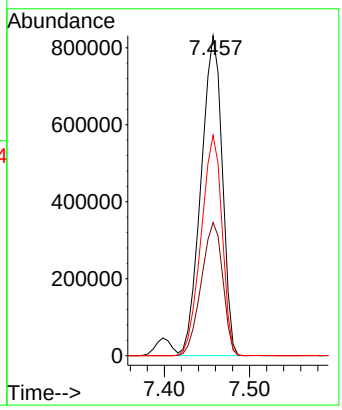


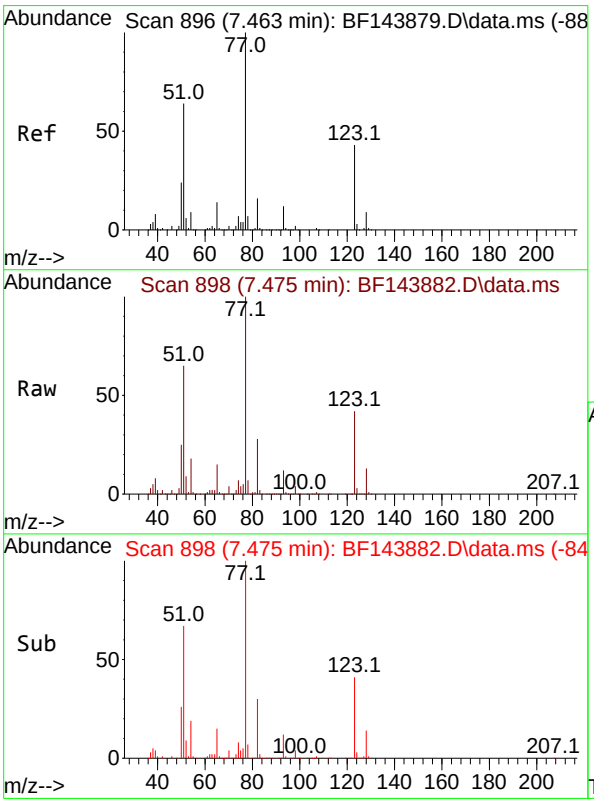
#23
Nitrobenzene-d5
Concen: 149.259 ng
RT: 7.457 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 82 Resp: 1436124

Ion	Ratio	Lower	Upper
82	100		
128	41.6	34.0	51.0
54	68.8	53.2	79.8

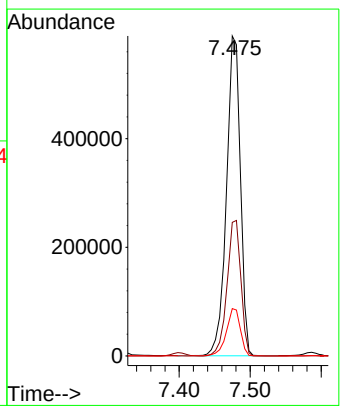


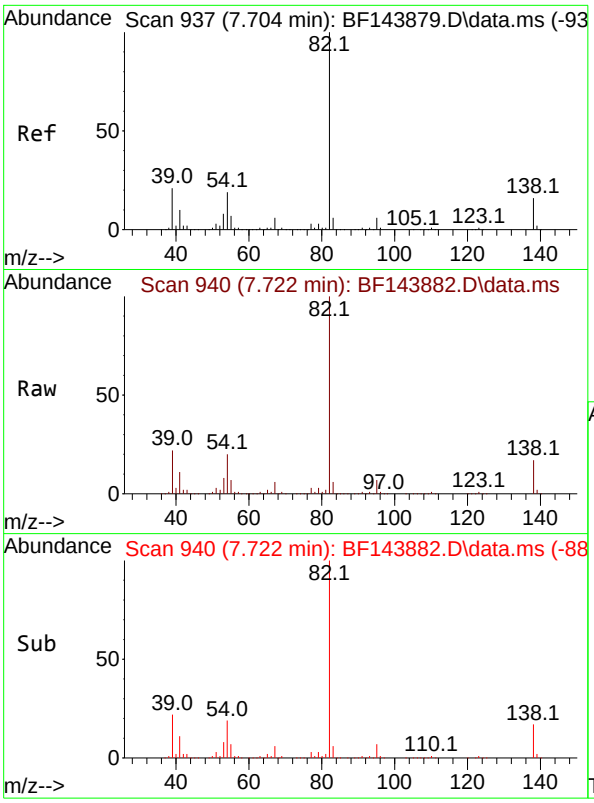


#24
Nitrobenzene
Concen: 74.900 ng
RT: 7.475 min Scan# 898
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion: 77 Resp: 800306

Ion	Ratio	Lower	Upper
77	100		
123	41.7	34.2	51.4
65	14.8	11.0	16.6



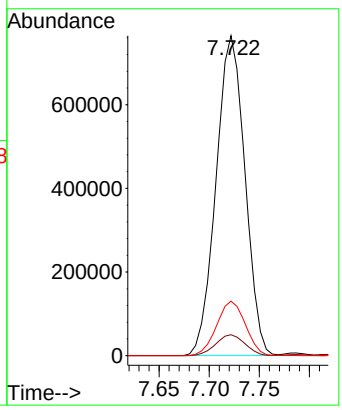


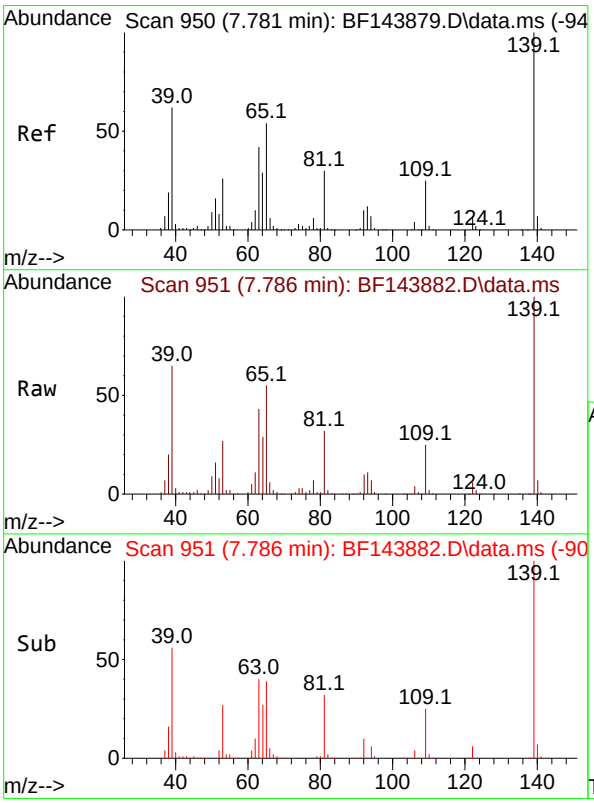
#25
Isophorone
Concen: 75.651 ng
RT: 7.722 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 82 Resp: 1534787

Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.1	7.7
138	17.1	12.9	19.3

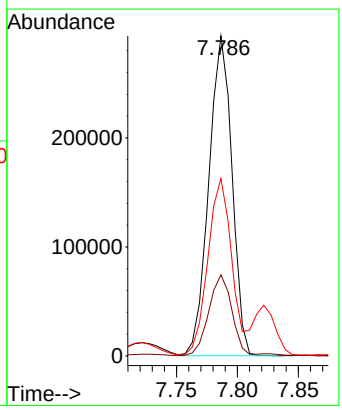


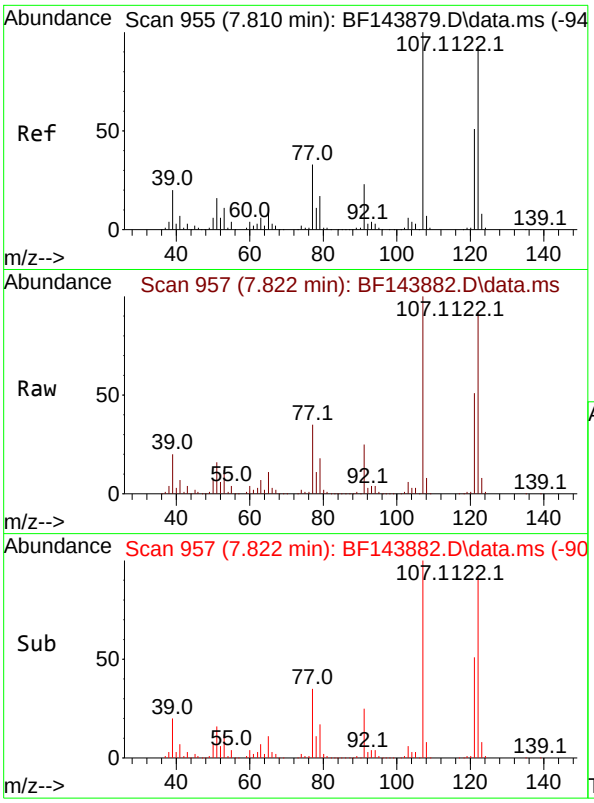


#26
2-Nitrophenol
Concen: 84.948 ng
RT: 7.786 min Scan# 951
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:139 Resp: 389145

Ion	Ratio	Lower	Upper
139	100		
109	25.3	19.8	29.6
65	55.4	42.9	64.3



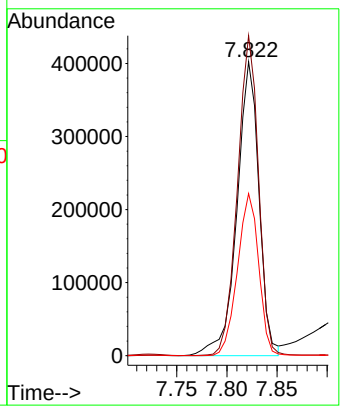


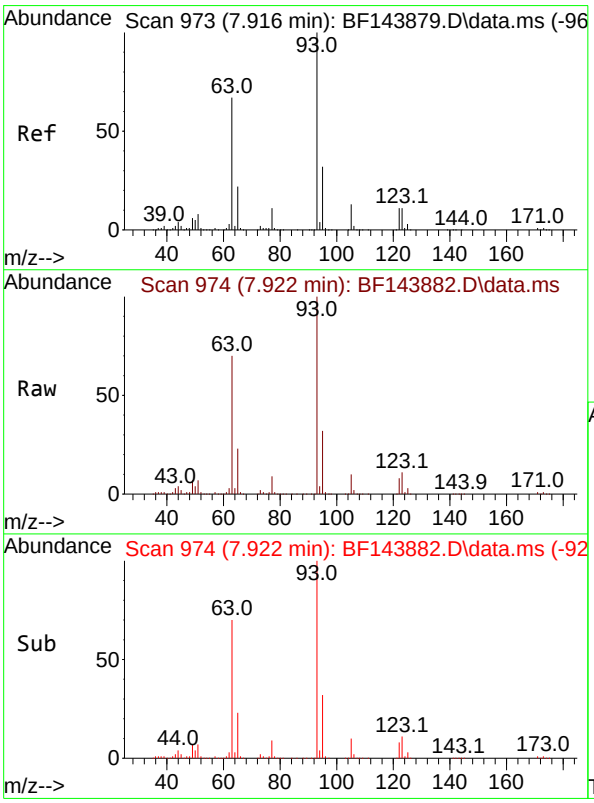
#27
2,4-Dimethylphenol
Concen: 74.828 ng
RT: 7.822 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:122 Resp: 616626

Ion	Ratio	Lower	Upper
122	100		
107	108.9	86.1	129.1
121	55.2	43.8	65.6

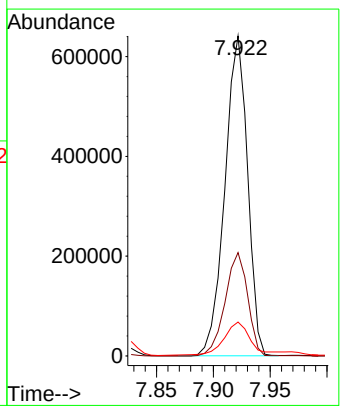


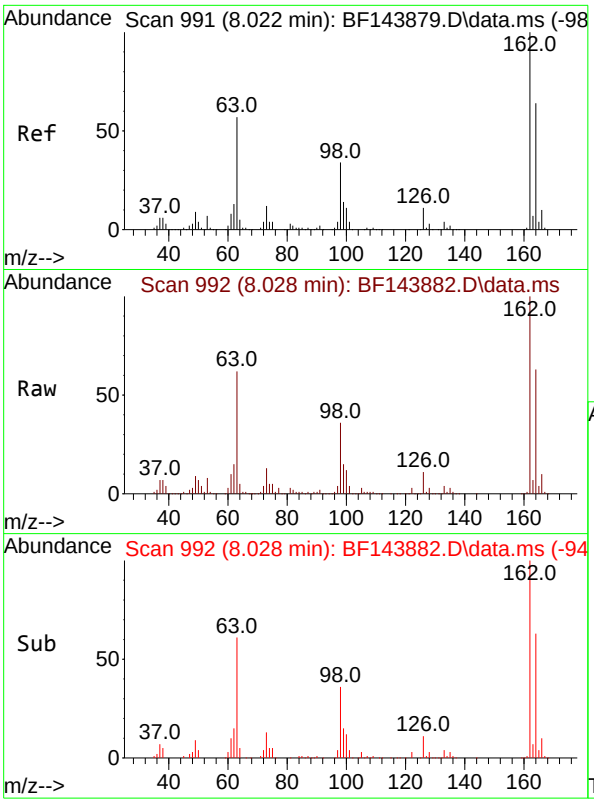


#28
bis(2-Chloroethoxy)methane
Concen: 69.328 ng
RT: 7.922 min Scan# 974
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion: 93 Resp: 888473

Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.9	38.9
123	10.6	9.4	14.0



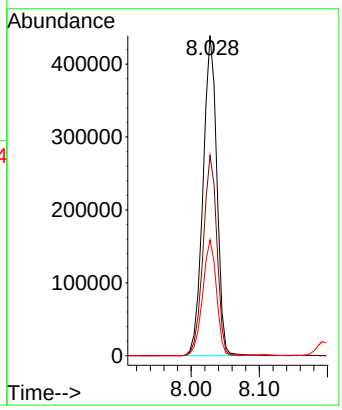


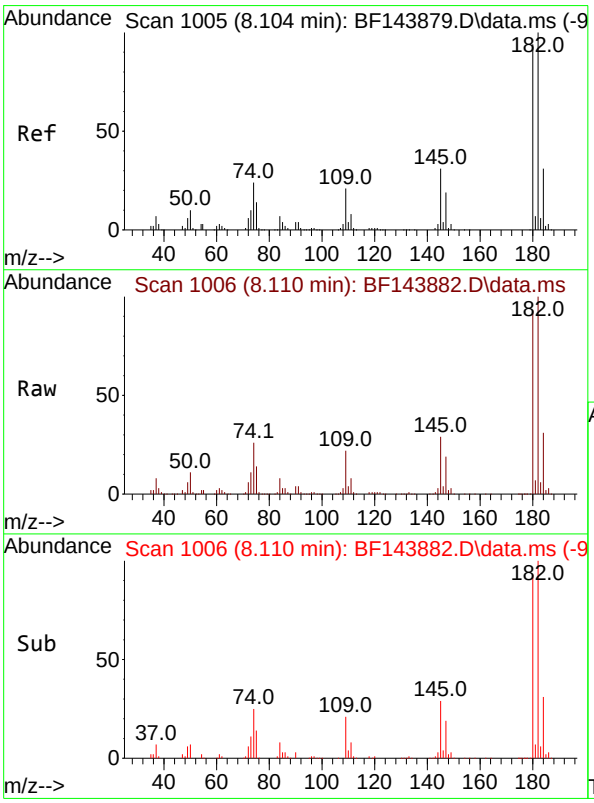
#29
2,4-Dichlorophenol
Concen: 72.318 ng
RT: 8.028 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:162 Resp: 620755

Ion	Ratio	Lower	Upper
162	100		
164	62.6	43.9	83.9
98	36.2	14.4	54.4

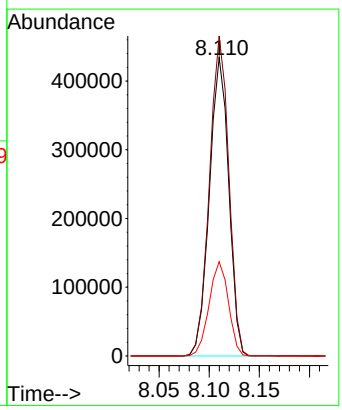


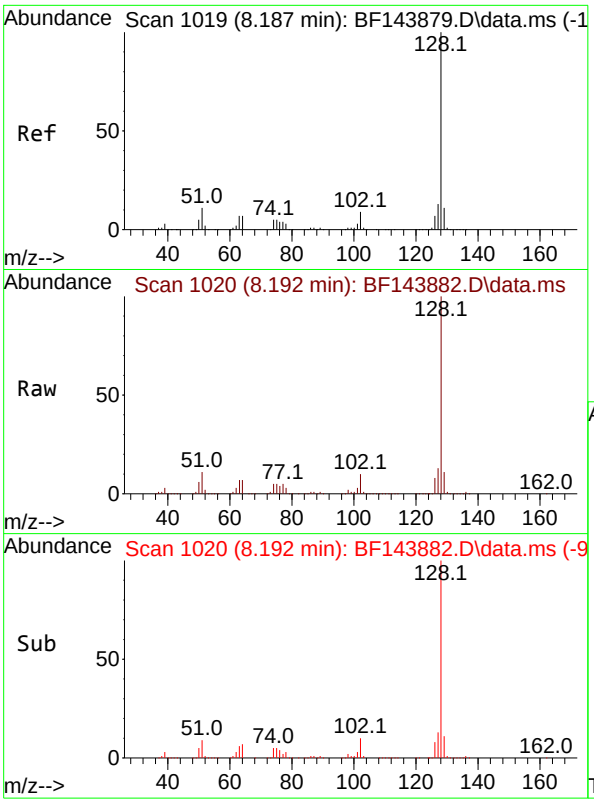


#30
1,2,4-Trichlorobenzene
Concen: 69.063 ng
RT: 8.110 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:180 Resp: 583022

Ion	Ratio	Lower	Upper
180	100		
182	107.1	85.4	128.0
145	31.6	26.3	39.5



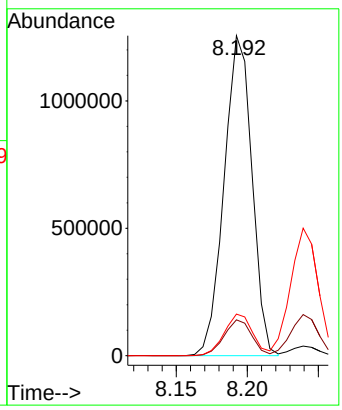


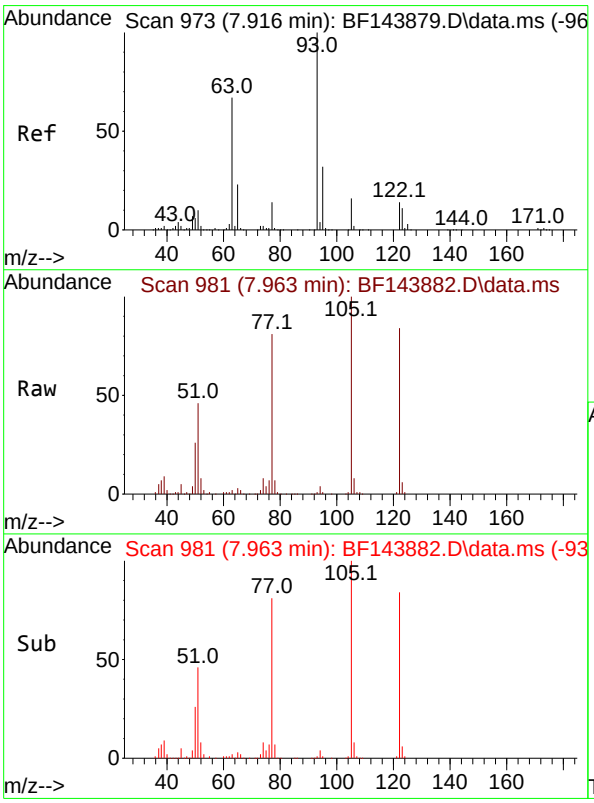
#31
Naphthalene
Concen: 64.341 ng
RT: 8.192 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:128 Resp: 1710914

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	13.0	10.0	15.0

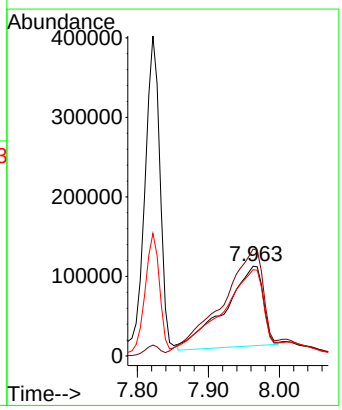


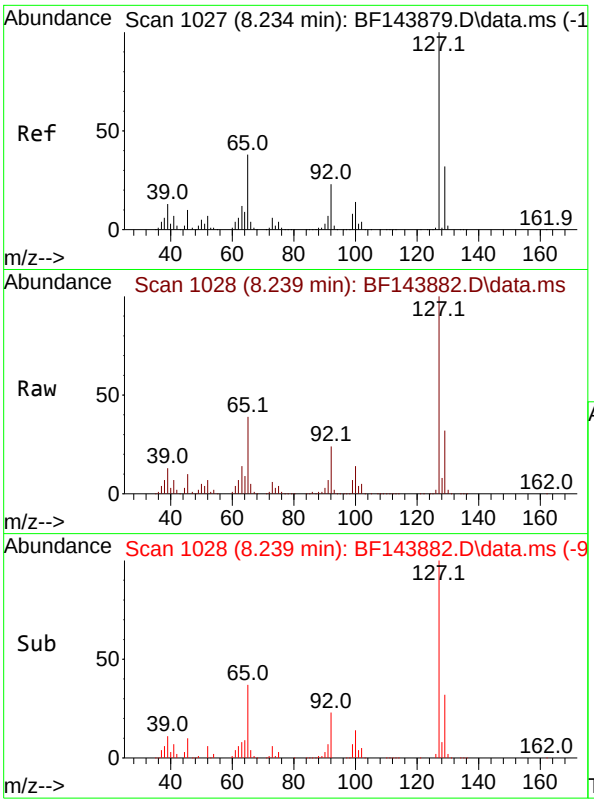


#32
Benzoic acid
Concen: 66.457 ng
RT: 7.963 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:122 Resp: 379011

Ion	Ratio	Lower	Upper
122	100		
105	118.9	93.5	133.5
77	96.1	76.3	116.3



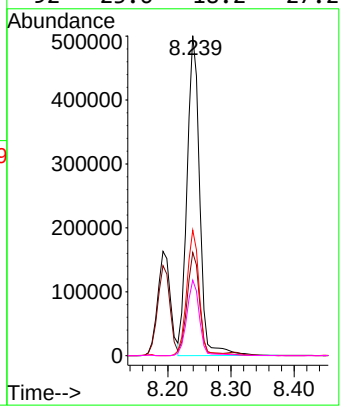


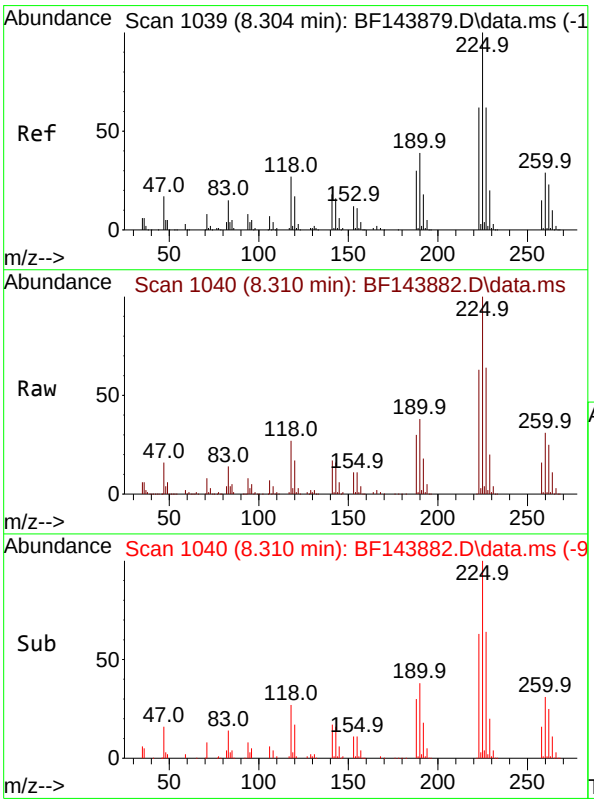
#33
4-Chloroaniline
Concen: 69.923 ng
RT: 8.239 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:127 Resp: 697350

Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.8	38.8
65	39.2	30.0	45.0
92	23.6	18.2	27.2

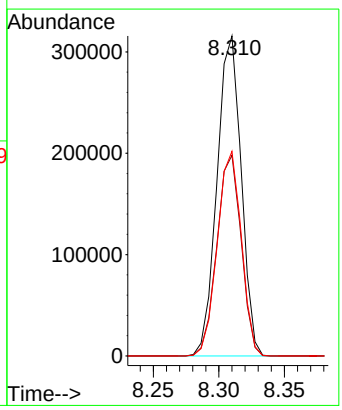


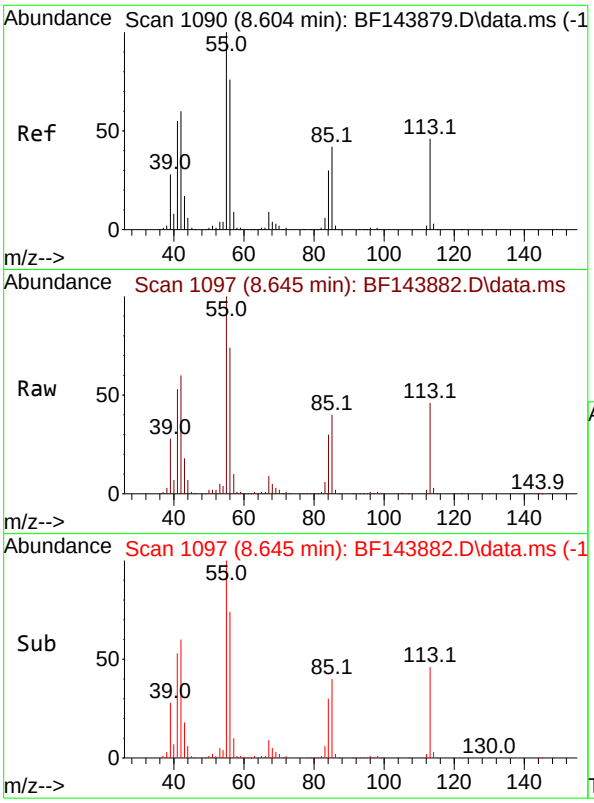


#34
Hexachlorobutadiene
Concen: 68.974 ng
RT: 8.310 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:225 Resp: 404619

Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.4	74.2
227	64.0	49.7	74.5



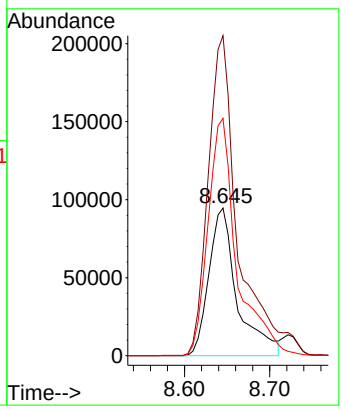


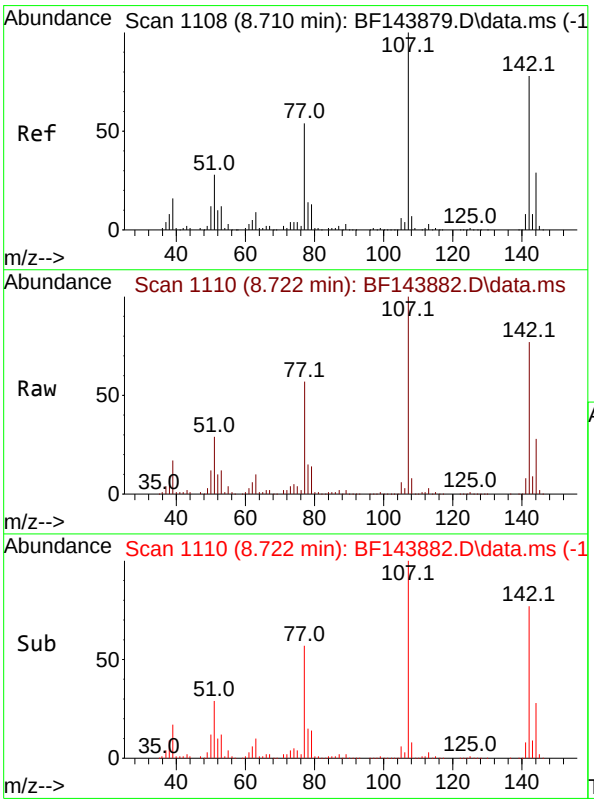
#35
Caprolactam
Concen: 80.169 ng
RT: 8.645 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:113 Resp: 218801

Ion	Ratio	Lower	Upper
113	100		
55	216.6	199.6	239.6
56	160.6	146.0	186.0

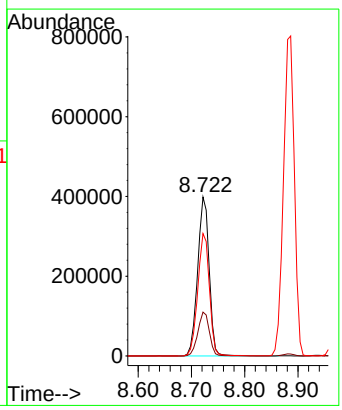


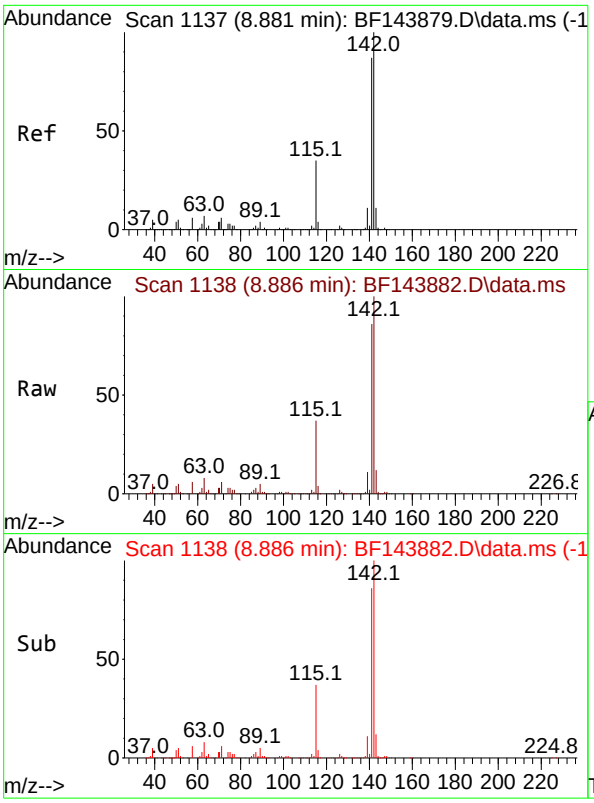


#36
4-Chloro-3-methylphenol
Concen: 72.601 ng
RT: 8.722 min Scan# 1110
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:107 Resp: 598614

Ion	Ratio	Lower	Upper
107	100		
144	27.6	23.1	34.7
142	77.0	62.6	94.0



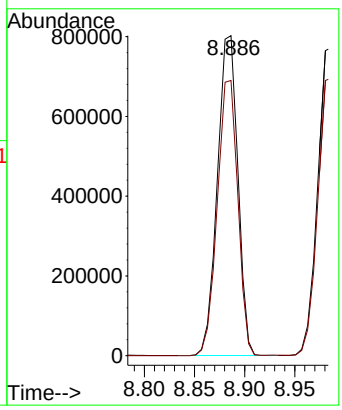


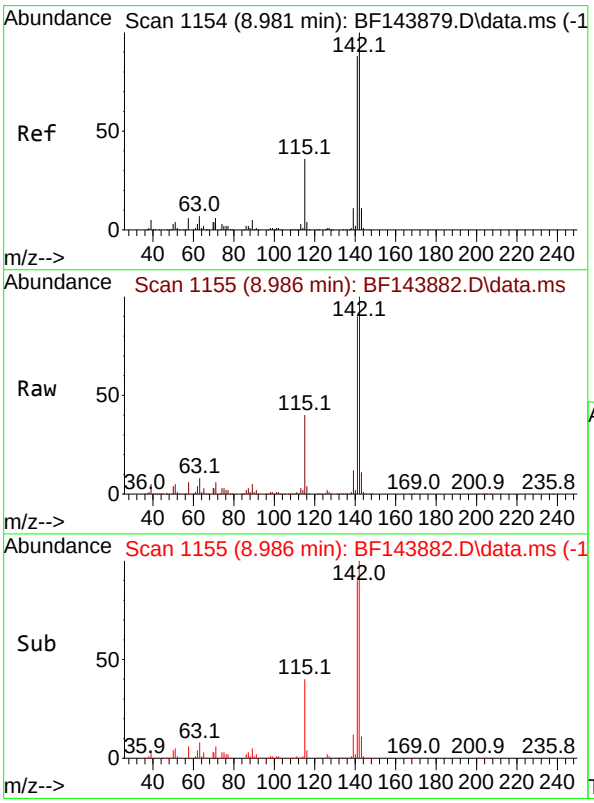
#37
2-Methylnaphthalene
Concen: 64.254 ng
RT: 8.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:142 Resp: 1138146

Ion	Ratio	Lower	Upper
142	100		
141	86.0	69.2	103.8

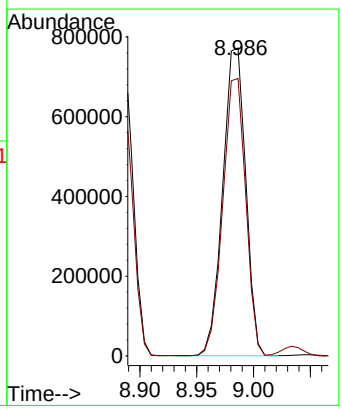


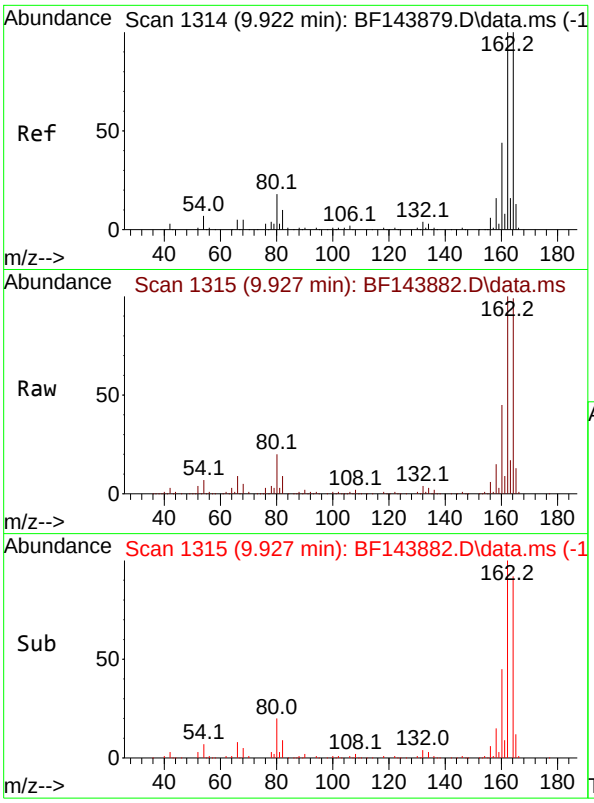


#38
1-Methylnaphthalene
Concen: 63.318 ng
RT: 8.986 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:142 Resp: 1087879

Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.8	106.2



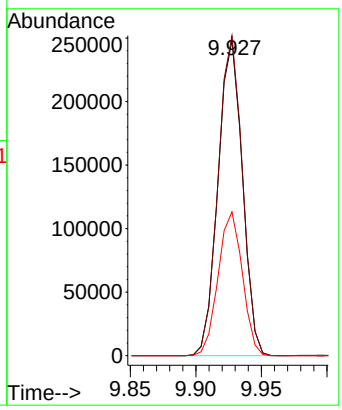


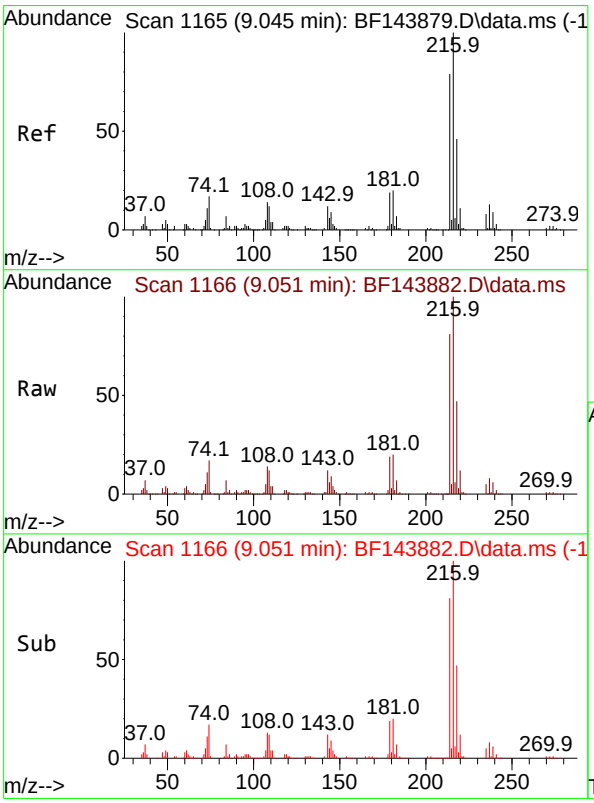
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:164 Resp: 320335

Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.2	120.2
160	45.6	35.4	53.0

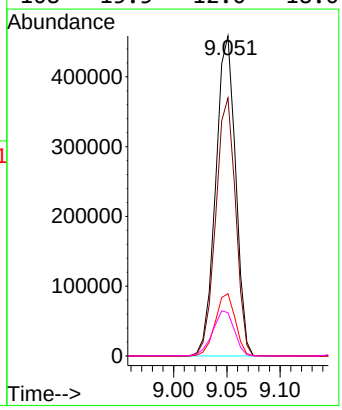


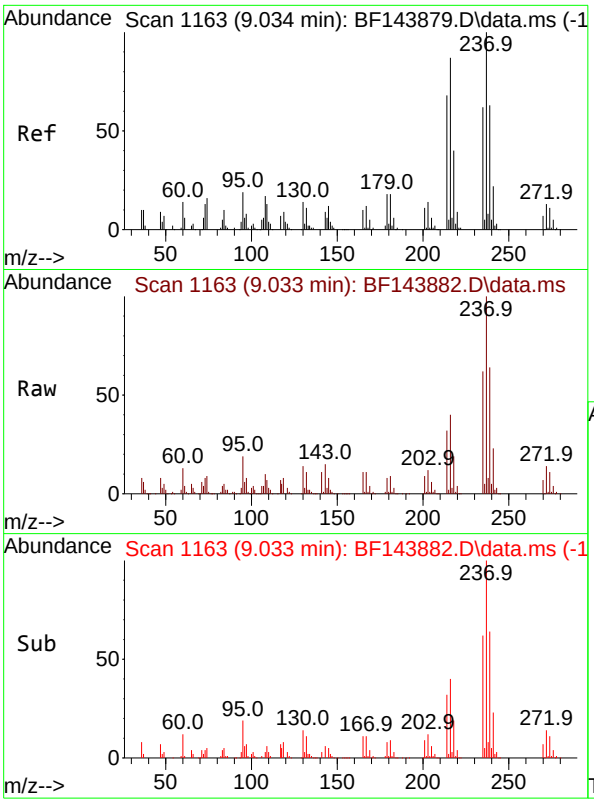


#40
1,2,4,5-Tetrachlorobenzene
Concen: 67.166 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:216 Resp: 594660

Ion	Ratio	Lower	Upper
216	100		
214	80.4	62.6	94.0
179	19.6	15.4	23.0
108	15.5	12.0	18.0



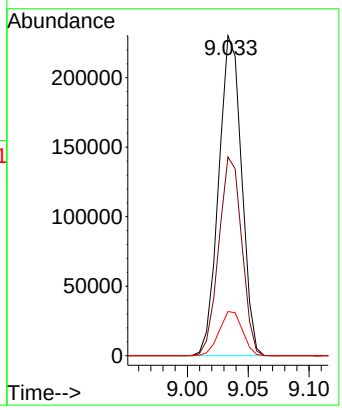


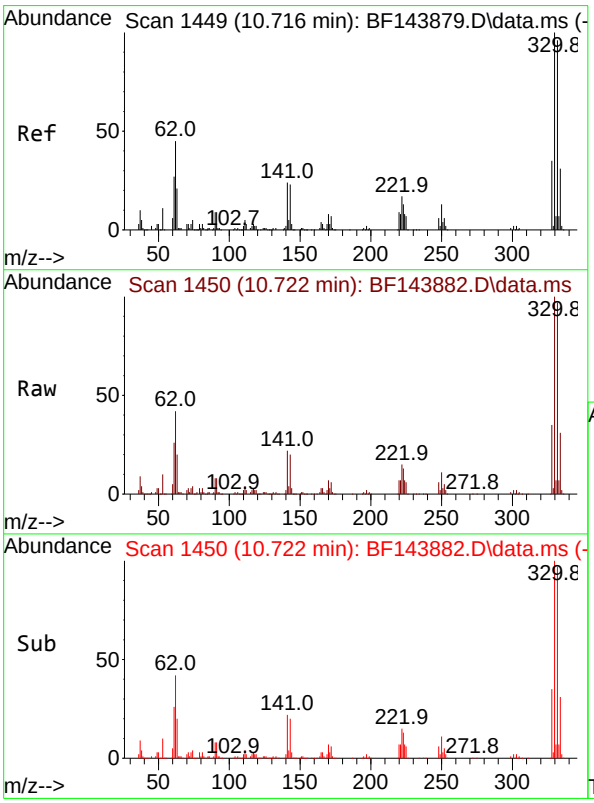
#41
Hexachlorocyclopentadiene
Concen: 81.998 ng
RT: 9.033 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:237 Resp: 301178

Ion	Ratio	Lower	Upper
237	100		
235	62.1	42.3	82.3
272	13.8	0.0	33.1

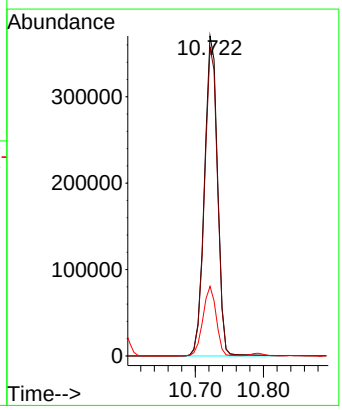


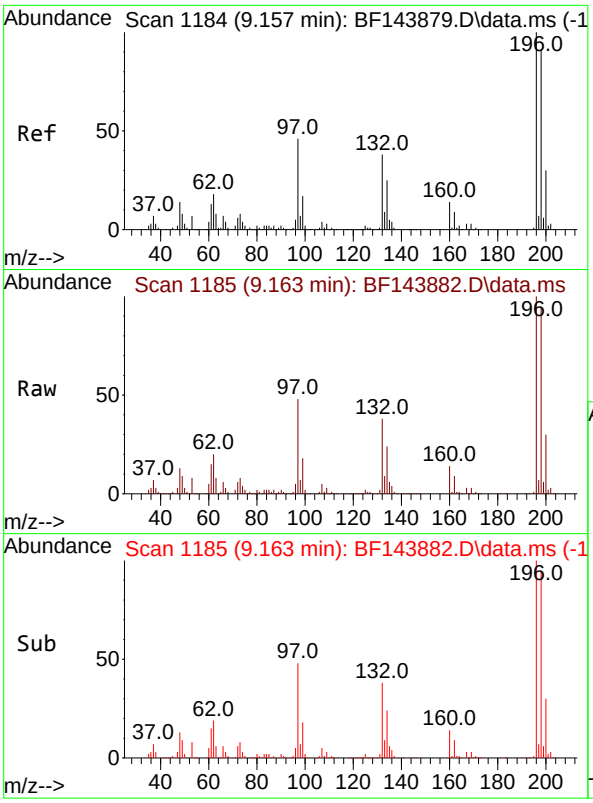


#42
2,4,6-Tribromophenol
Concen: 155.397 ng
RT: 10.722 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:330 Resp: 495811

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.9	115.3
141	21.8	20.2	30.4



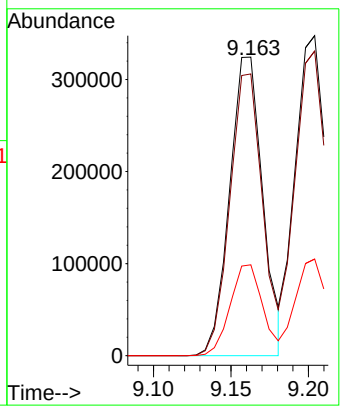


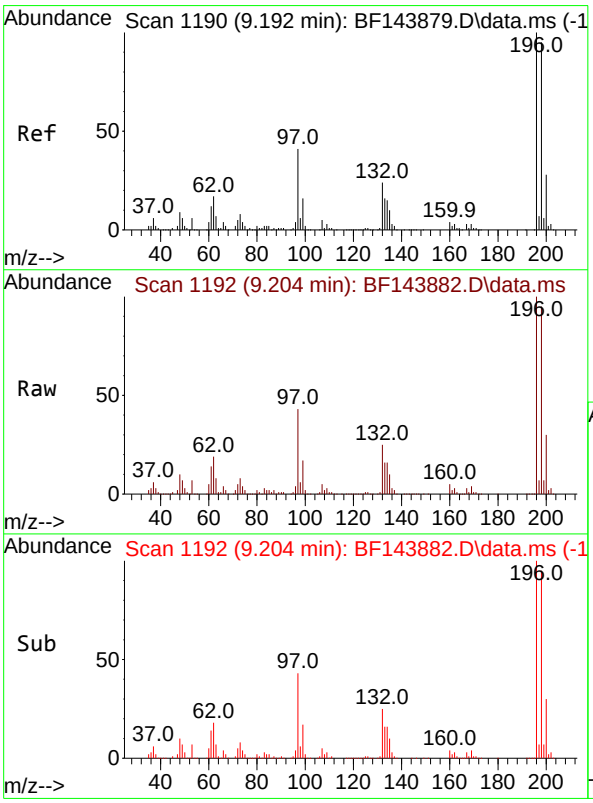
#43
2,4,6-Trichlorophenol
Concen: 74.487 ng
RT: 9.163 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:196 Resp: 481852

Ion	Ratio	Lower	Upper
196	100		
198	94.4	72.8	109.2
200	30.4	24.0	36.0

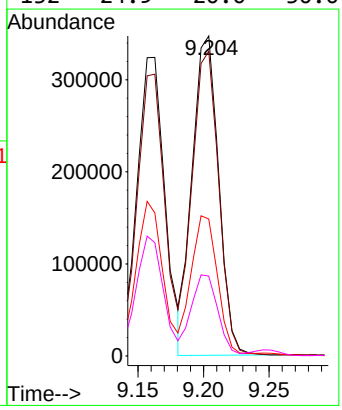


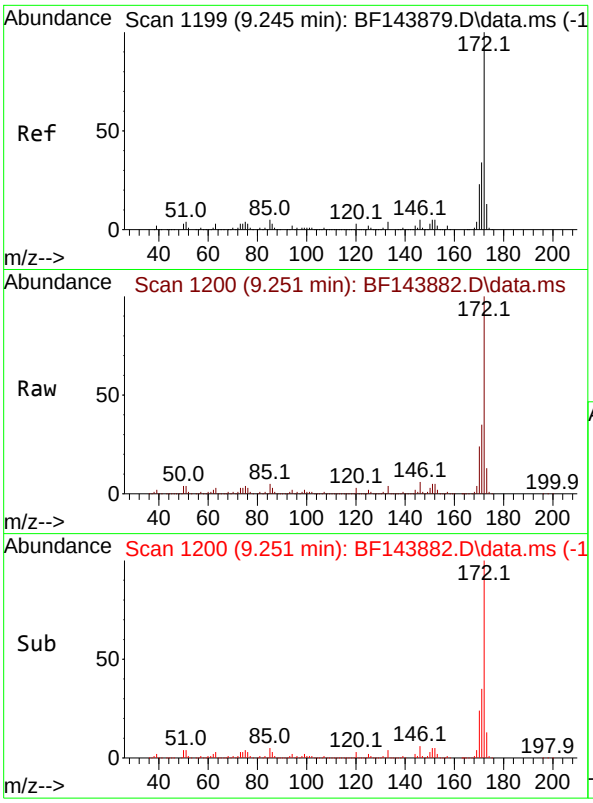


#44
2,4,5-Trichlorophenol
Concen: 71.286 ng
RT: 9.204 min Scan# 1192
Delta R.T. -0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:196 Resp: 487322

Ion	Ratio	Lower	Upper
196	100		
198	95.2	75.5	113.3
97	42.8	33.9	50.9
132	24.9	20.0	30.0



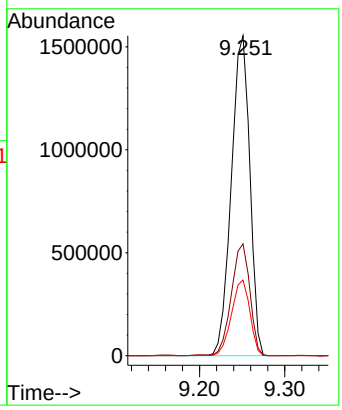


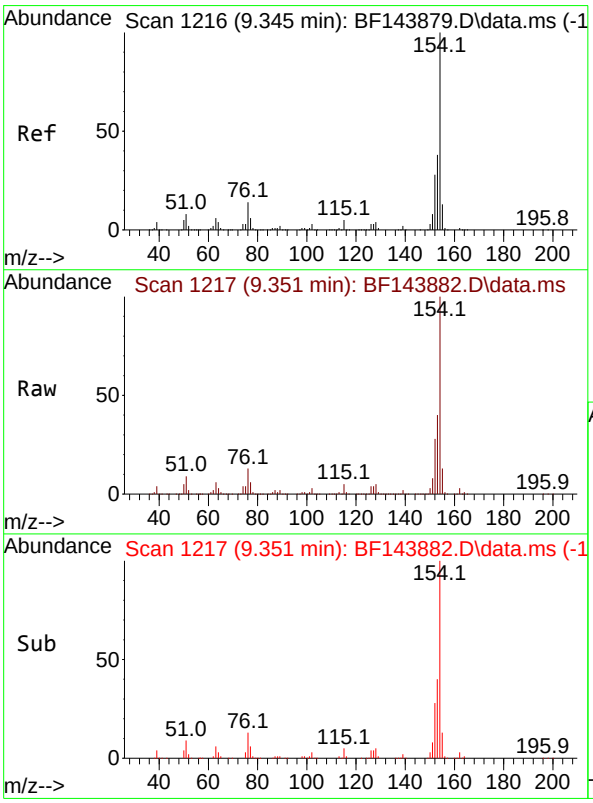
#45
2-Fluorobiphenyl
Concen: 116.176 ng
RT: 9.251 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:172 Resp: 2345389

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.4	41.0
170	23.6	18.6	28.0

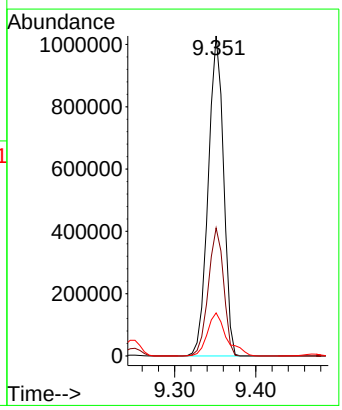


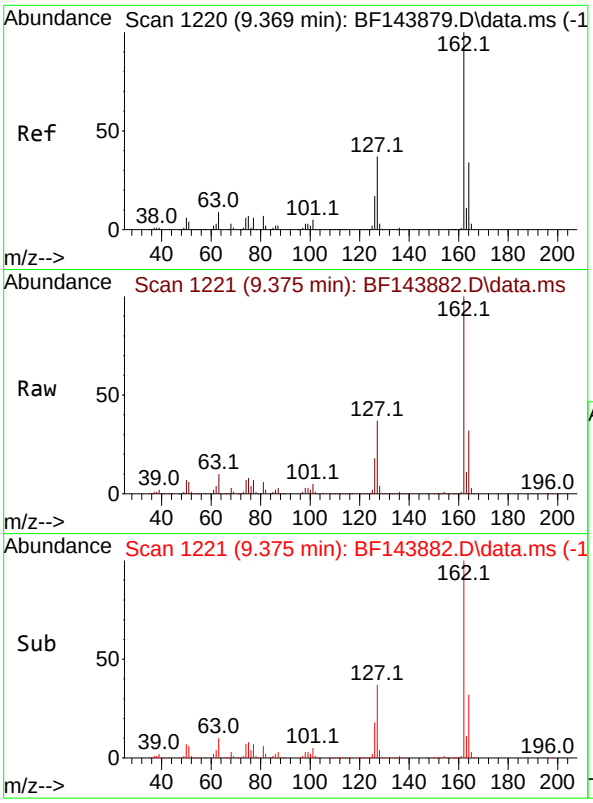


#46
1,1'-Biphenyl
Concen: 63.407 ng
RT: 9.351 min Scan# 1217
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:154 Resp: 1344805

Ion	Ratio	Lower	Upper
154	100		
153	40.0	18.4	58.4
76	13.5	0.0	34.0



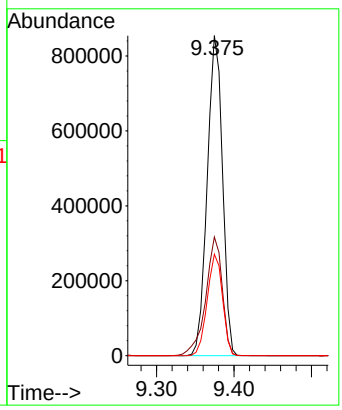


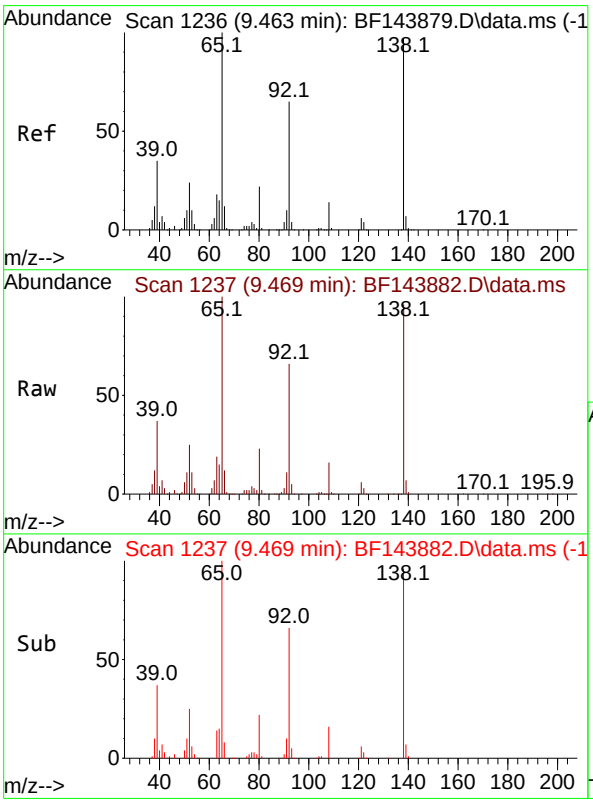
#47
2-Chloronaphthalene
Concen: 66.165 ng
RT: 9.375 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:162 Resp: 1170019

Ion	Ratio	Lower	Upper
162	100		
127	37.1	30.2	45.2
164	31.7	26.9	40.3

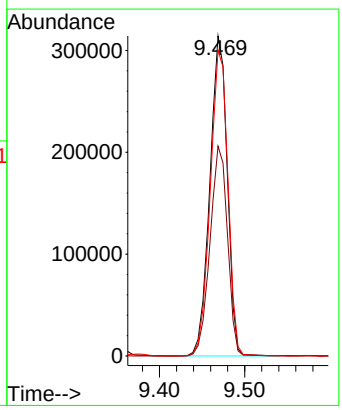


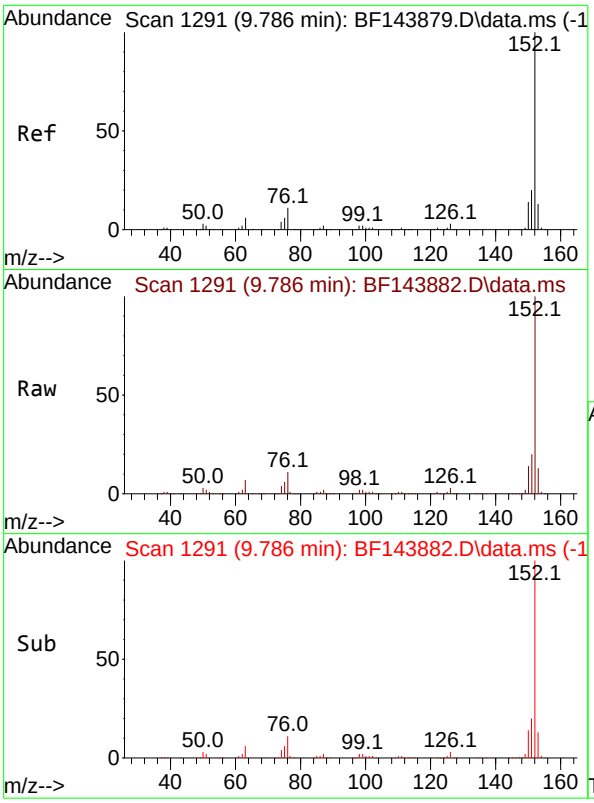


#48
2-Nitroaniline
Concen: 79.693 ng
RT: 9.469 min Scan# 1237
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion: 65 Resp: 445537

Ion	Ratio	Lower	Upper
65	100		
92	65.6	52.1	78.1
138	95.5	77.4	116.2



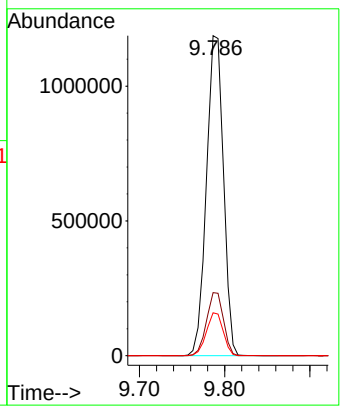


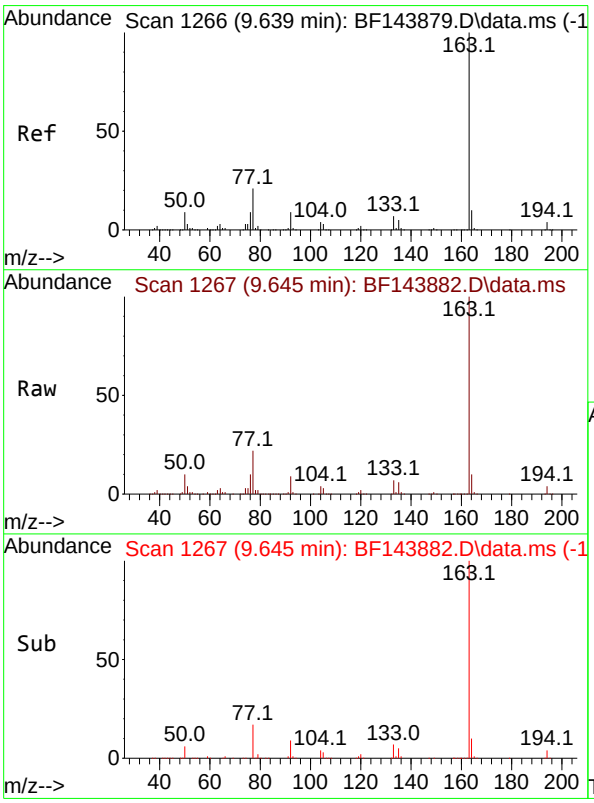
#49
Acenaphthylene
Concen: 66.159 ng
RT: 9.786 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:152 Resp: 1644728

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	13.4	10.5	15.7

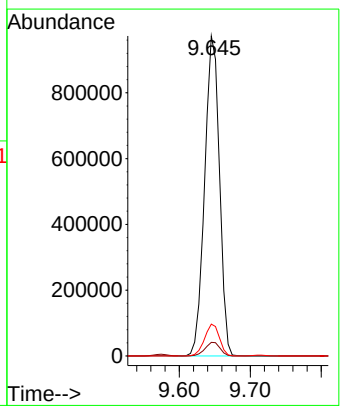


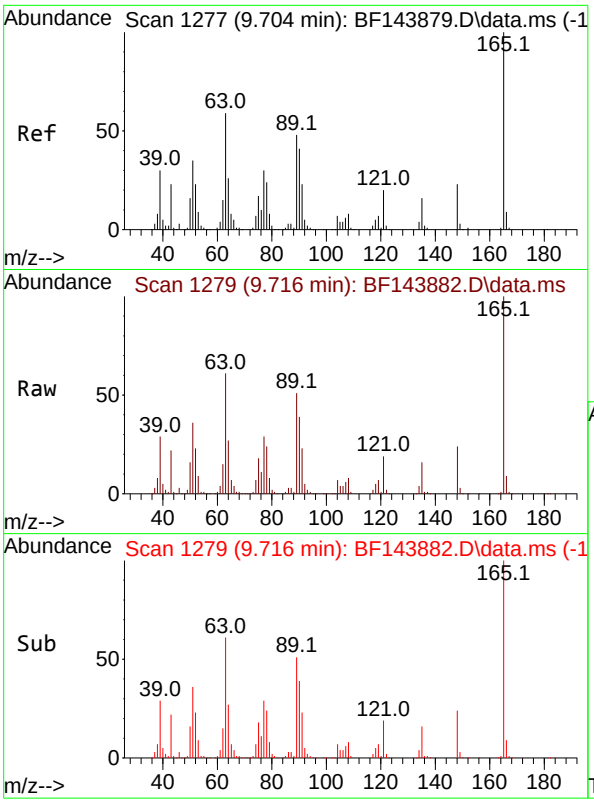


#50
Dimethylphthalate
Concen: 69.582 ng
RT: 9.645 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:163 Resp: 1415482

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	10.0	8.1	12.1



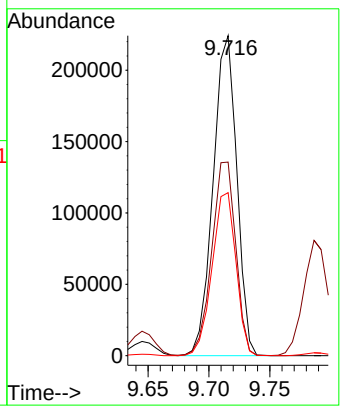


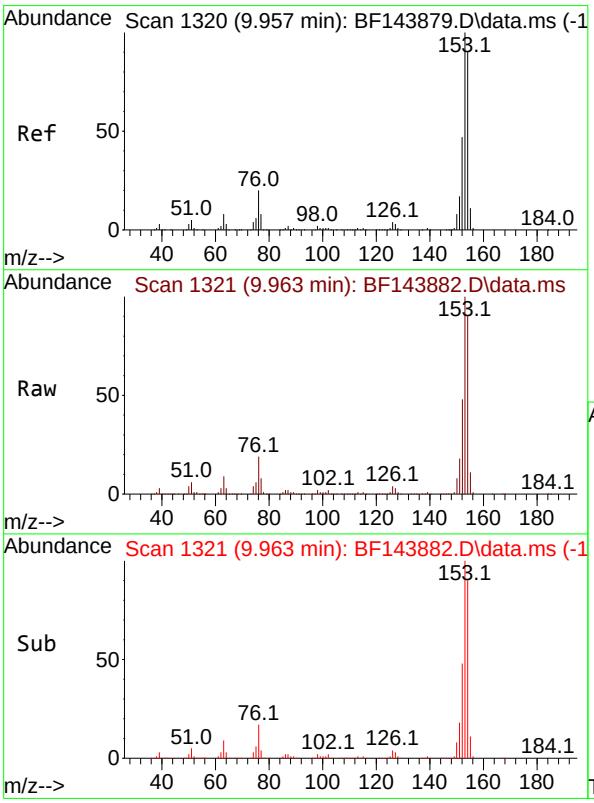
#51
2,6-Dinitrotoluene
Concen: 80.372 ng
RT: 9.716 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:165 Resp: 303176

Ion	Ratio	Lower	Upper
165	100		
63	60.5	47.3	70.9
89	51.0	38.2	57.4

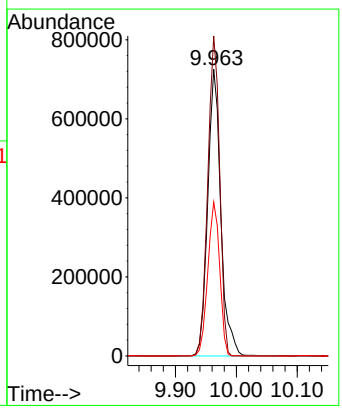


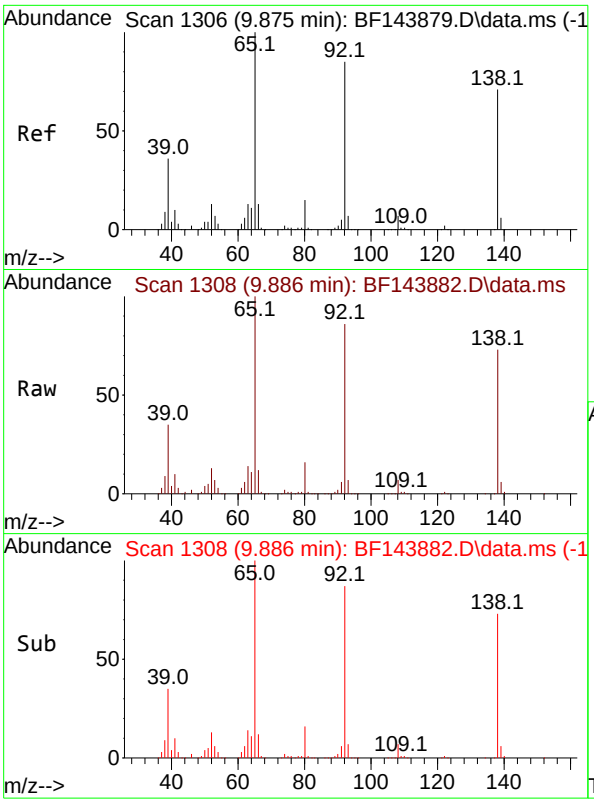


#52
Acenaphthene
Concen: 66.651 ng
RT: 9.963 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:154 Resp: 1085733

Ion	Ratio	Lower	Upper
154	100		
153	111.7	89.3	133.9
152	53.7	42.2	63.2



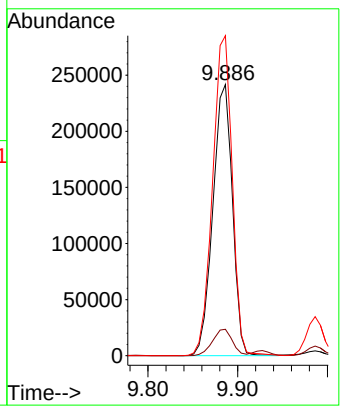


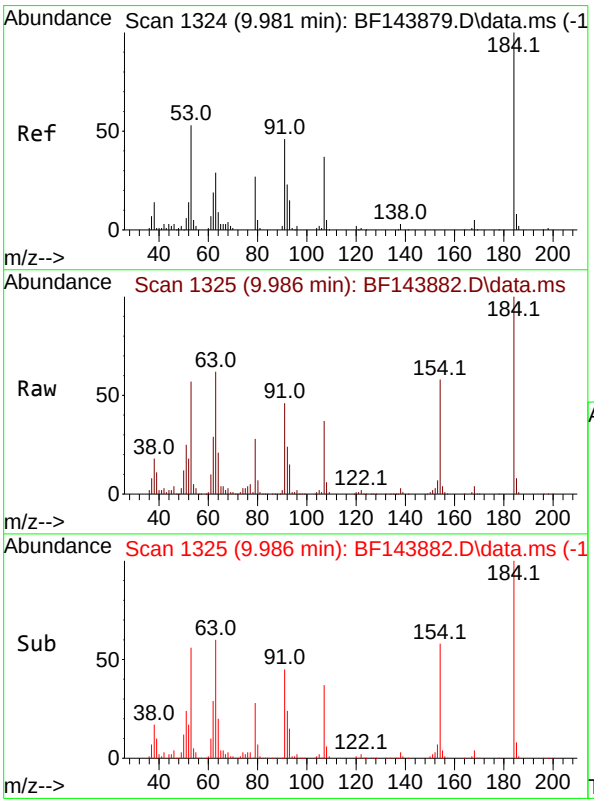
#53
3-Nitroaniline
Concen: 79.233 ng
RT: 9.886 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:138 Resp: 365960

Ion	Ratio	Lower	Upper
138	100		
108	9.7	8.3	12.5
92	118.0	96.2	144.2

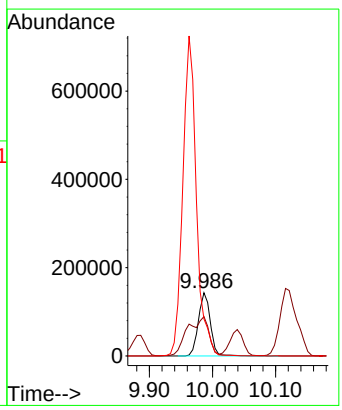


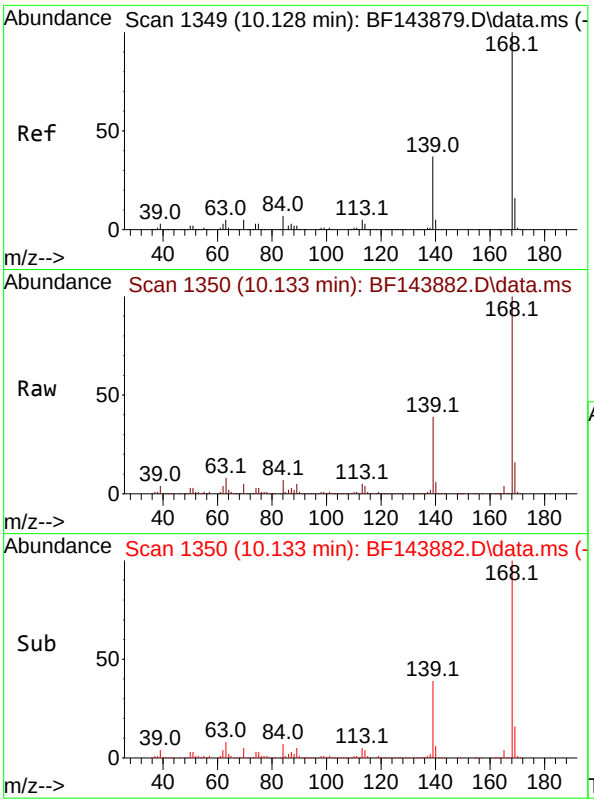


#54
2,4-Dinitrophenol
Concen: 80.556 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:184 Resp: 187560

Ion	Ratio	Lower	Upper
184	100		
63	62.4	48.2	72.4
154	58.5	49.2	73.8



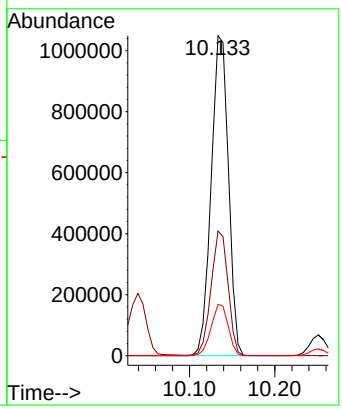


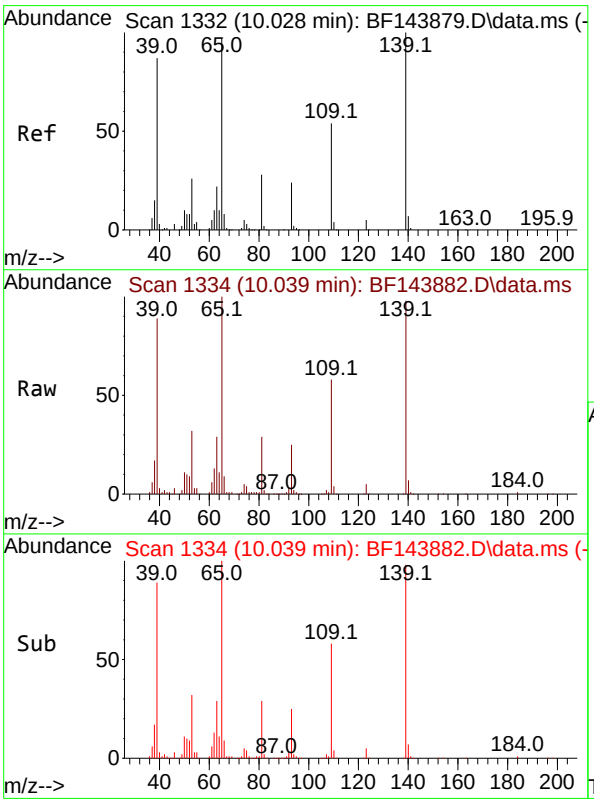
#55
Dibenzofuran
Concen: 63.998 ng
RT: 10.133 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:168 Resp: 1471622

Ion	Ratio	Lower	Upper
168	100		
139	39.0	29.8	44.8
169	16.1	12.8	19.2

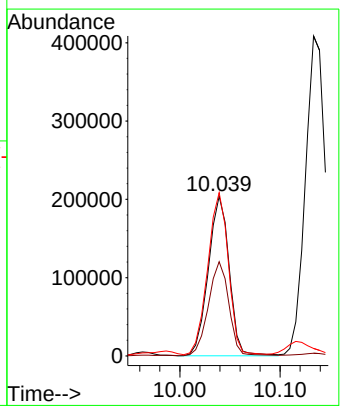


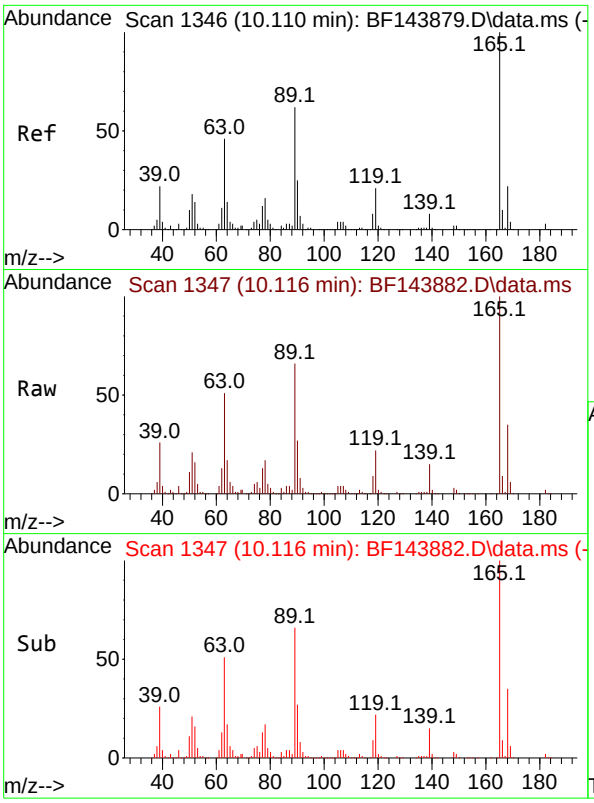


#56
4-Nitrophenol
Concen: 84.335 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:139 Resp: 294937

Ion	Ratio	Lower	Upper
139	100		
109	59.0	34.5	74.5
65	102.4	77.6	117.6



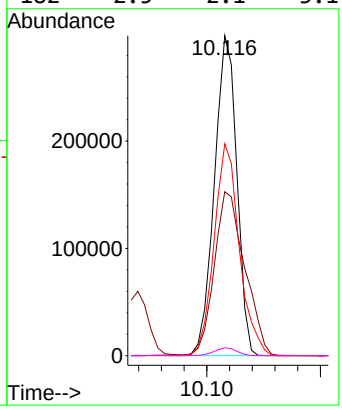


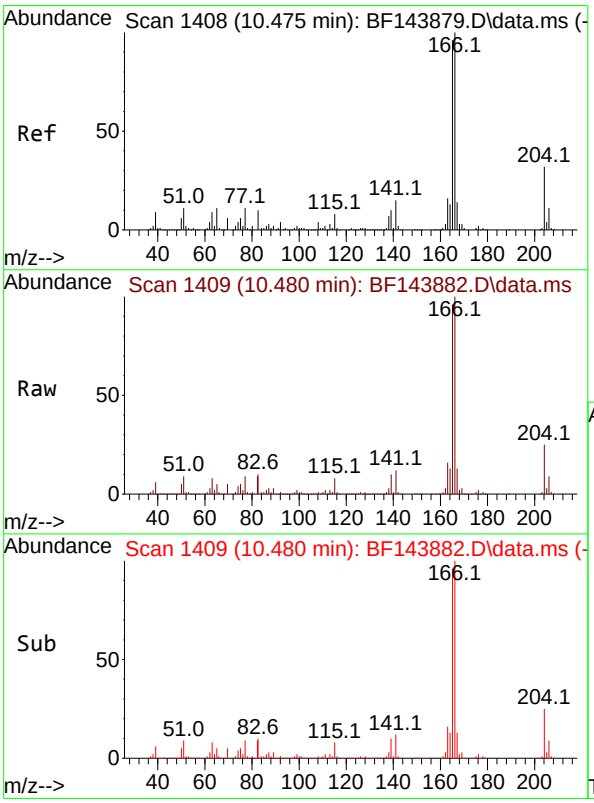
#57
2,4-Dinitrotoluene
Concen: 79.779 ng
RT: 10.116 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:165 Resp: 409463

Ion	Ratio	Lower	Upper
165	100		
63	51.3	37.2	55.8
89	66.2	49.4	74.2
182	2.5	2.1	3.1

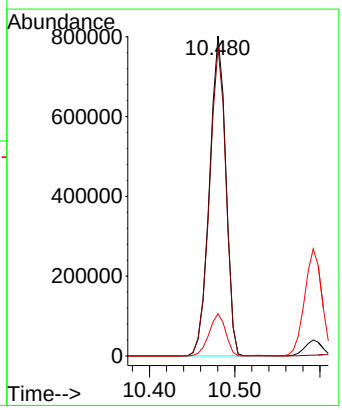


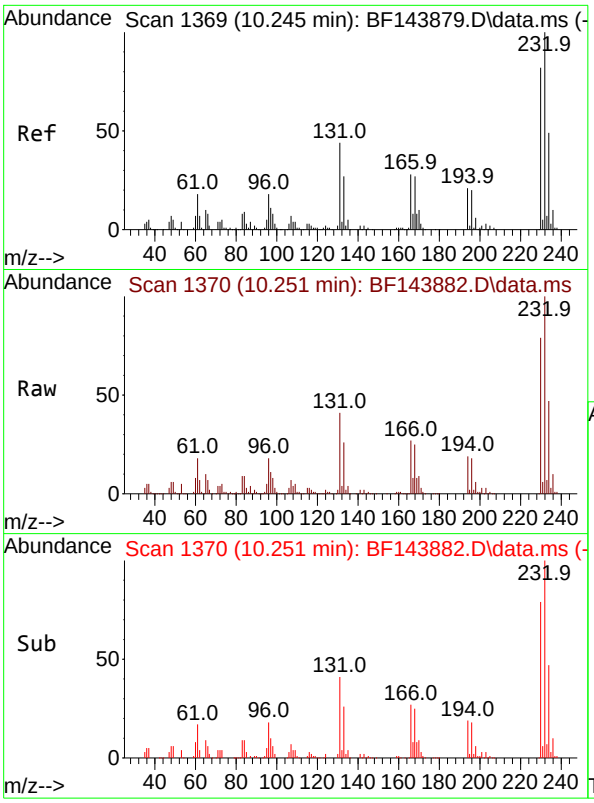


#58
Fluorene
Concen: 61.654 ng
RT: 10.480 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:166 Resp: 1069764

Ion	Ratio	Lower	Upper
166	100		
165	96.4	77.0	115.6
167	13.2	11.1	16.7



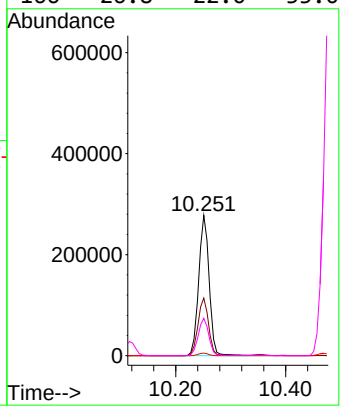


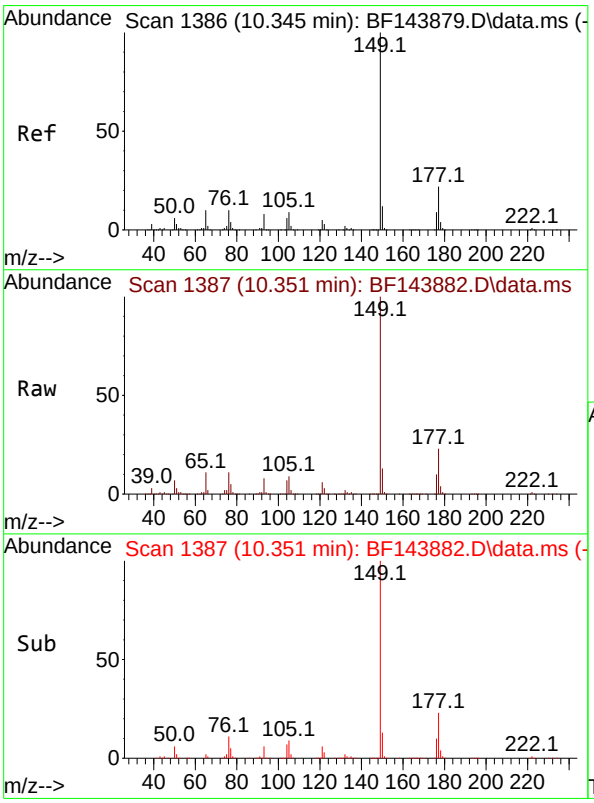
#59
2,3,4,6-Tetrachlorophenol
Concen: 76.170 ng
RT: 10.251 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:232 Resp: 368599

Ion	Ratio	Lower	Upper
232	100		
131	41.5	34.9	52.3
130	1.8	1.6	2.4
166	26.8	22.0	33.0

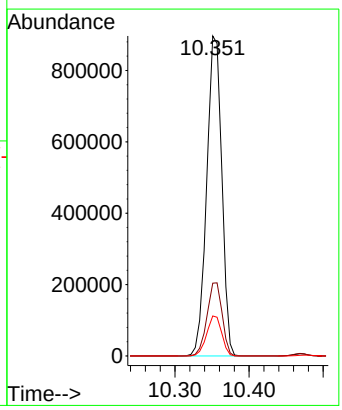


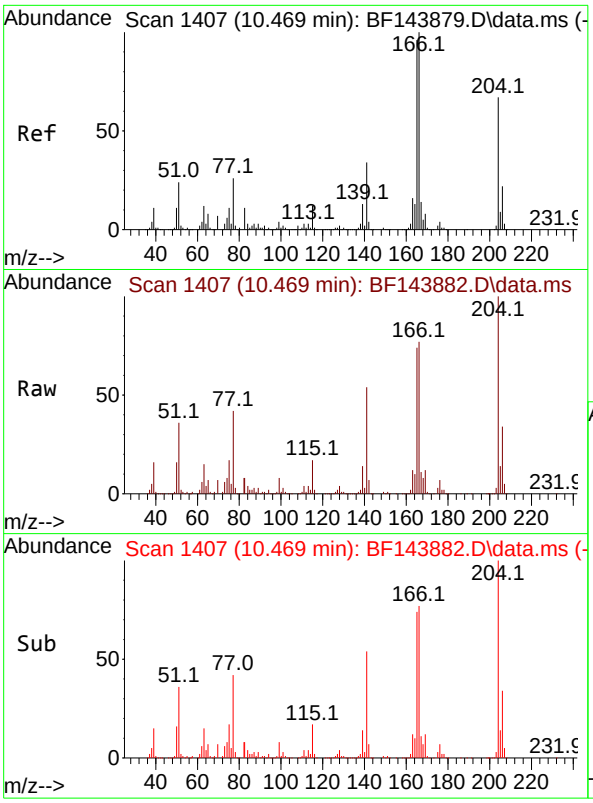


#60
Diethylphthalate
Concen: 67.047 ng
RT: 10.351 min Scan# 1387
Delta R.T. -0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:149 Resp: 1267085

Ion	Ratio	Lower	Upper
149	100		
177	22.7	17.9	26.9
150	12.5	9.8	14.8



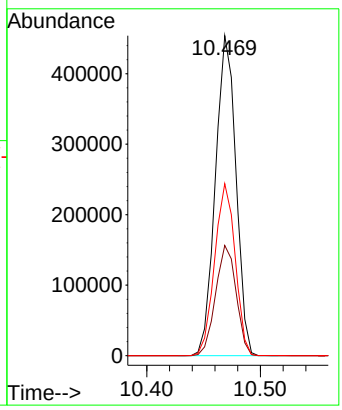


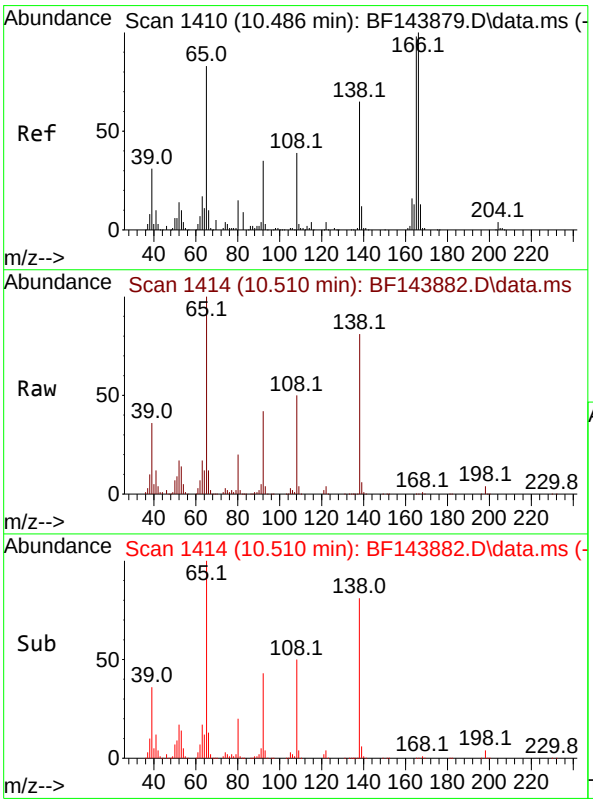
#61
4-Chlorophenyl-phenylether
Concen: 62.357 ng
RT: 10.469 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:204 Resp: 572035

Ion	Ratio	Lower	Upper
204	100		
206	34.5	26.6	40.0
141	53.7	40.4	60.6

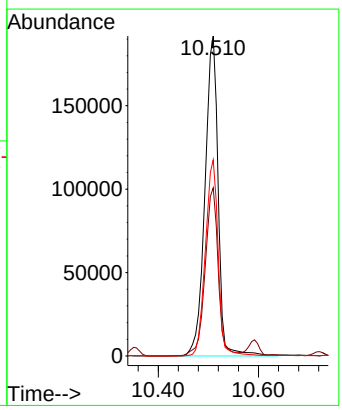


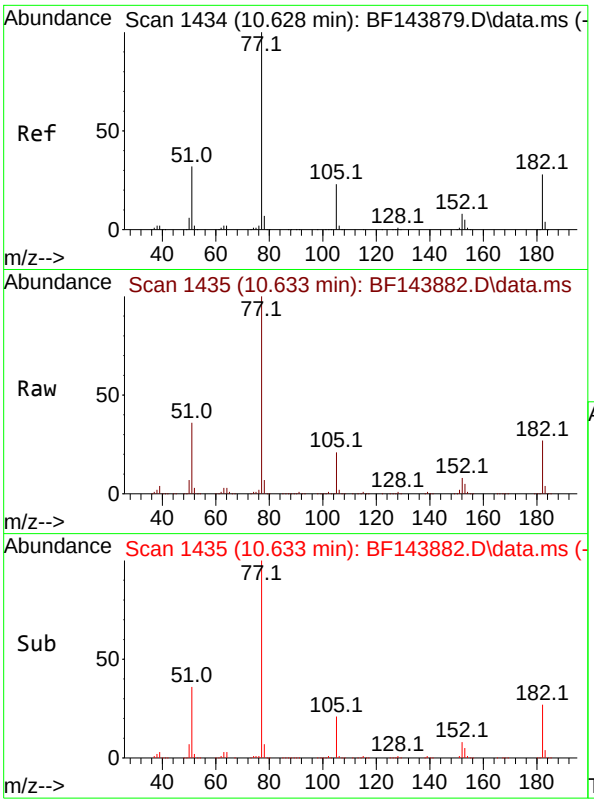


#62
4-Nitroaniline
Concen: 79.169 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:138 Resp: 351634

Ion	Ratio	Lower	Upper
138	100		
92	52.5	33.9	73.9
108	61.3	40.2	80.2



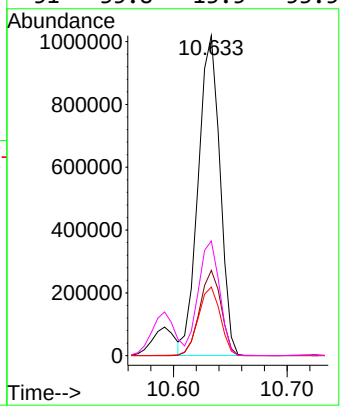


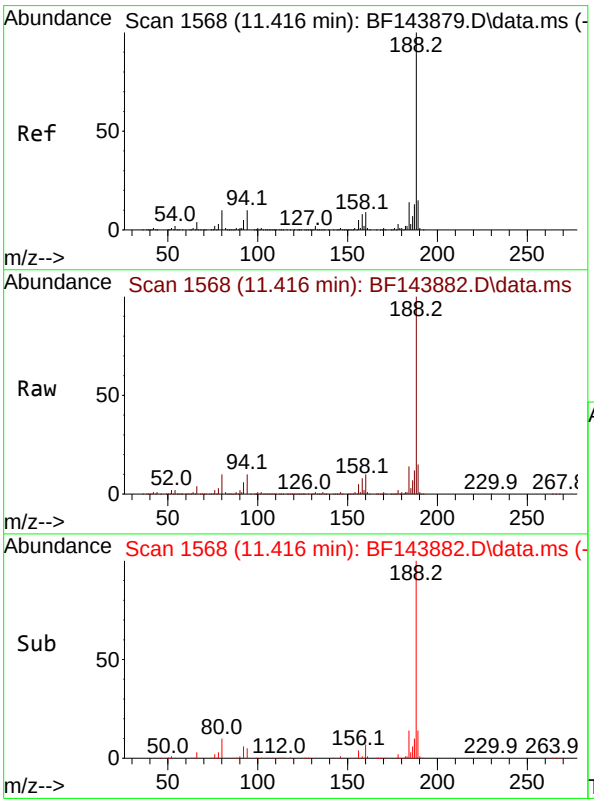
#63
Azobenzene
Concen: 68.446 ng
RT: 10.633 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 1351920

Ion	Ratio	Lower	Upper
77	100		
182	26.7	7.3	47.3
105	21.5	3.0	43.0
51	35.8	13.5	53.5

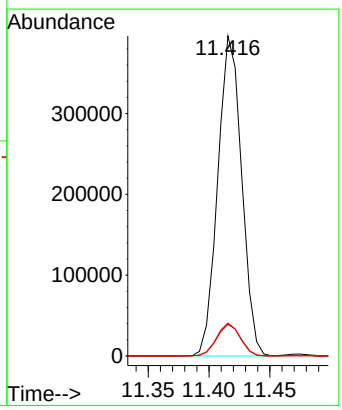


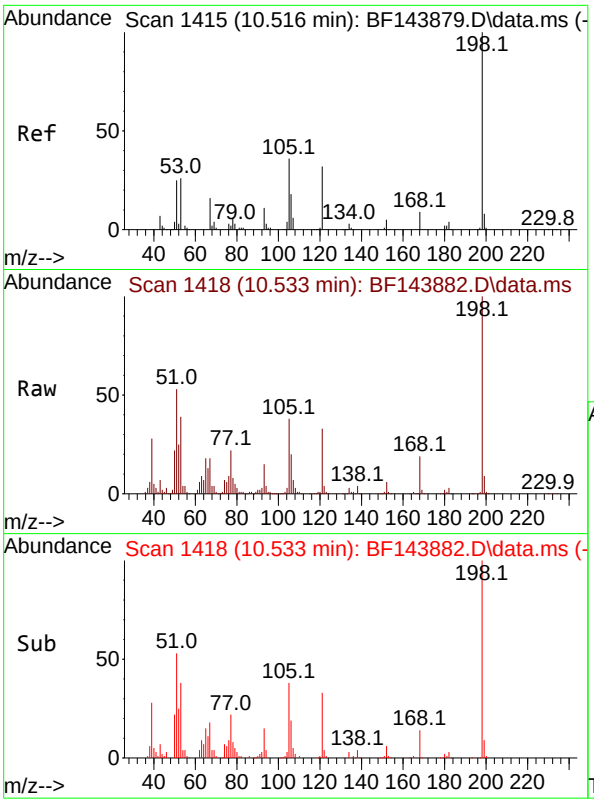


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:188 Resp: 540366

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.8	11.6
80	10.3	7.9	11.9



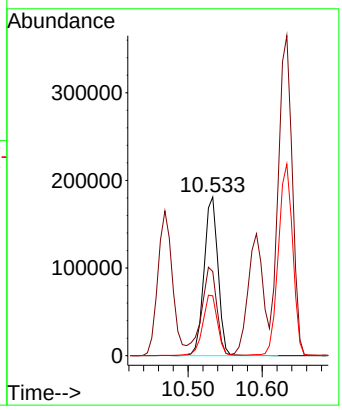


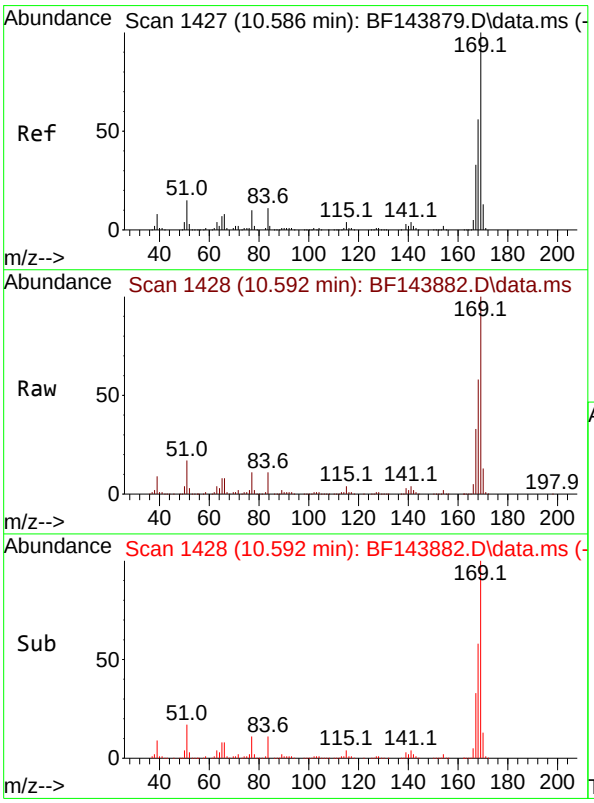
#65
4,6-Dinitro-2-methylphenol
Concen: 87.227 ng
RT: 10.533 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:198 Resp: 236863

Ion	Ratio	Lower	Upper
198	100		
51	53.0	33.8	73.8
105	37.7	17.0	57.0

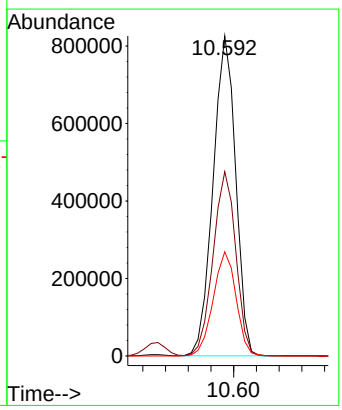


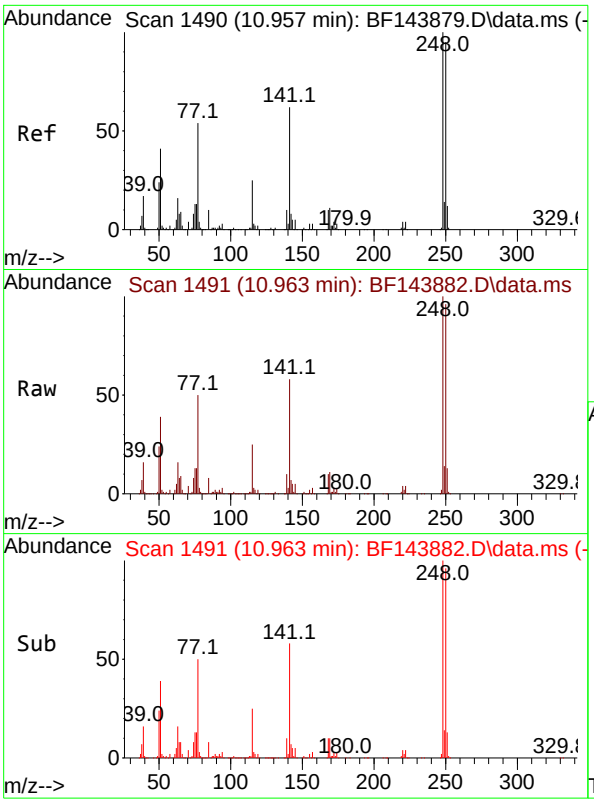


#66
n-Nitrosodiphenylamine
Concen: 67.159 ng
RT: 10.592 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:169 Resp: 1139482

Ion	Ratio	Lower	Upper
169	100		
168	57.6	44.9	67.3
167	32.5	26.3	39.5



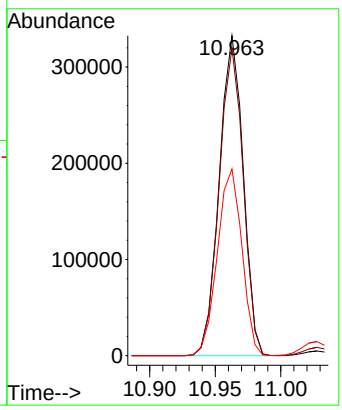


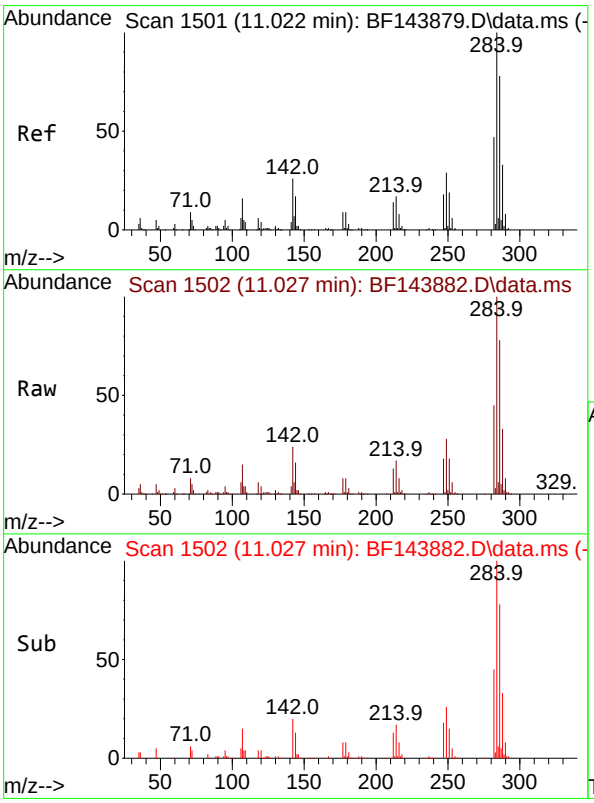
#67
4-Bromophenyl-phenylether
Concen: 70.857 ng
RT: 10.963 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:248 Resp: 423148

Ion	Ratio	Lower	Upper
248	100		
250	96.2	76.3	114.5
141	58.4	49.7	74.5

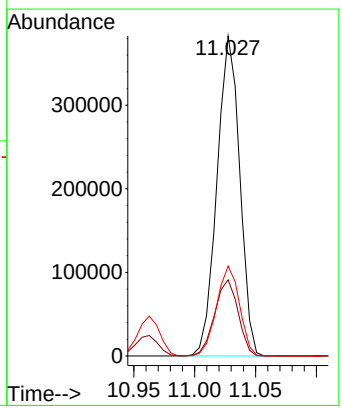


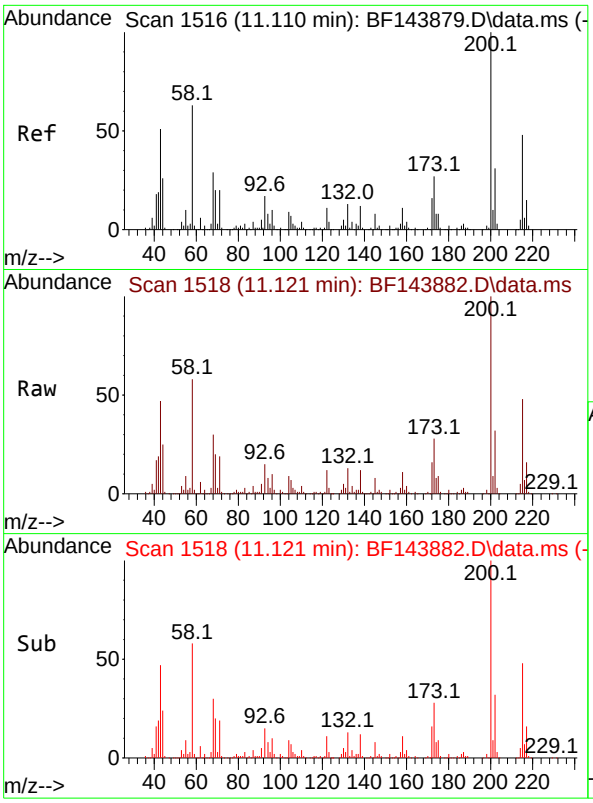


#68
Hexachlorobenzene
Concen: 72.118 ng
RT: 11.027 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:284 Resp: 498602

Ion	Ratio	Lower	Upper
284	100		
142	23.8	20.6	30.8
249	28.1	23.2	34.8



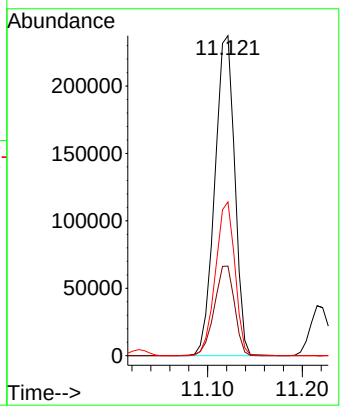


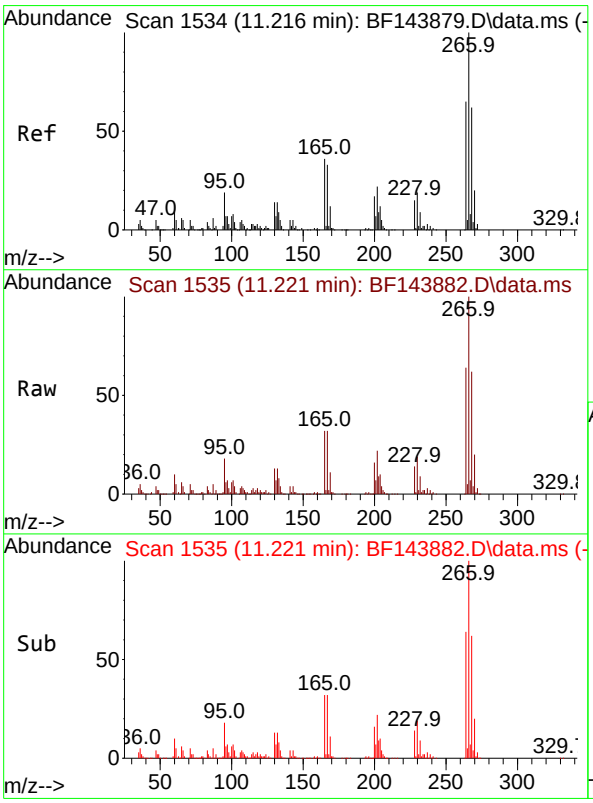
#69
Atrazine
Concen: 67.621 ng
RT: 11.121 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:200 Resp: 347749

Ion	Ratio	Lower	Upper
200	100		
173	28.0	7.0	47.0
215	48.0	27.8	67.8

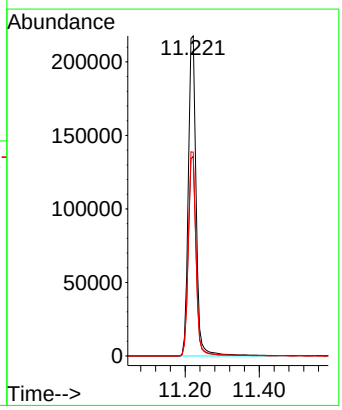


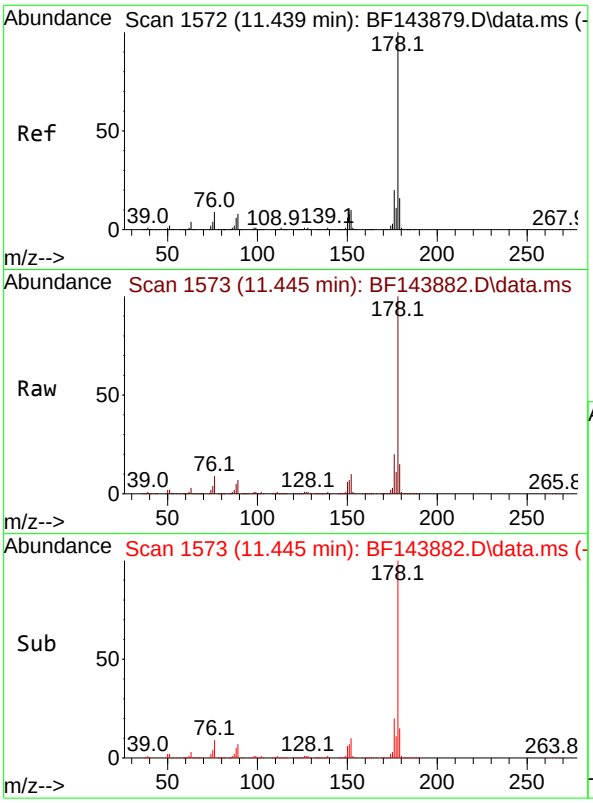


#70
Pentachlorophenol
Concen: 80.208 ng
RT: 11.221 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:266 Resp: 318486

Ion	Ratio	Lower	Upper
266	100		
268	62.3	49.4	74.0
264	63.7	51.8	77.6



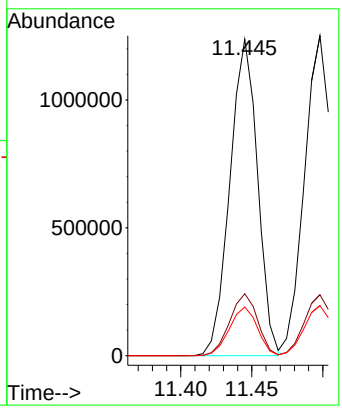


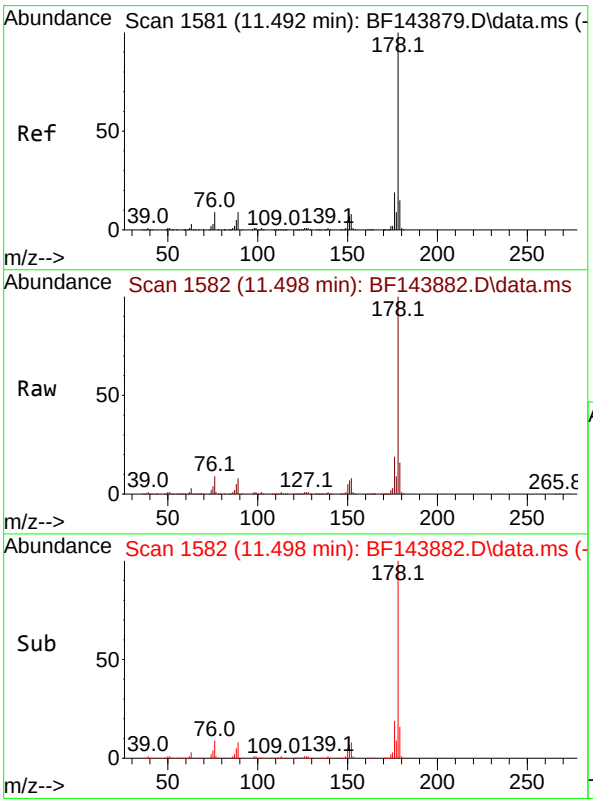
#71
Phenanthrene
Concen: 63.980 ng
RT: 11.445 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:178 Resp: 1676081

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	15.4	12.4	18.6

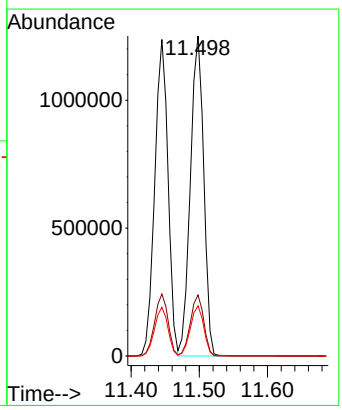


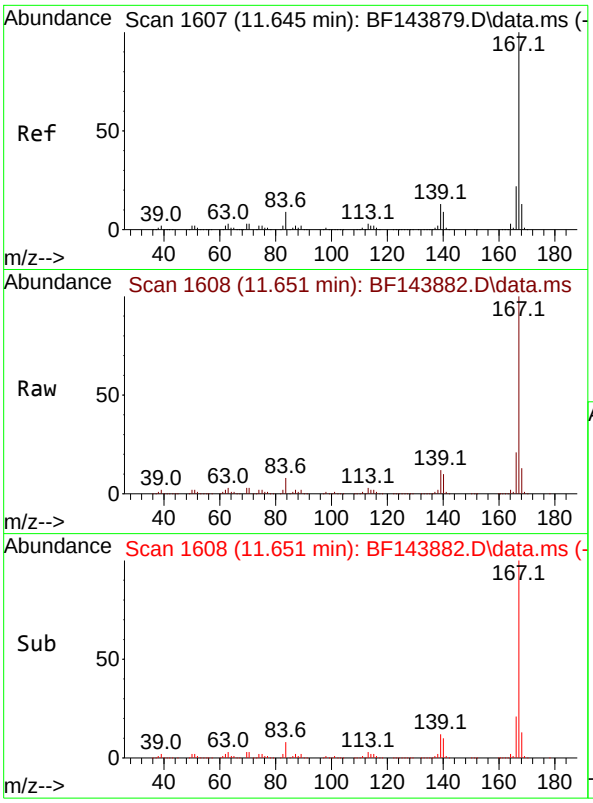


#72
Anthracene
Concen: 63.814 ng
RT: 11.498 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:178 Resp: 1688865

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.9	22.3
179	15.7	12.2	18.2



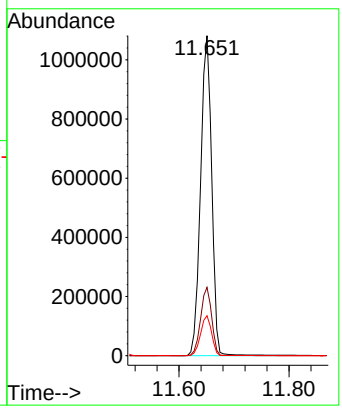


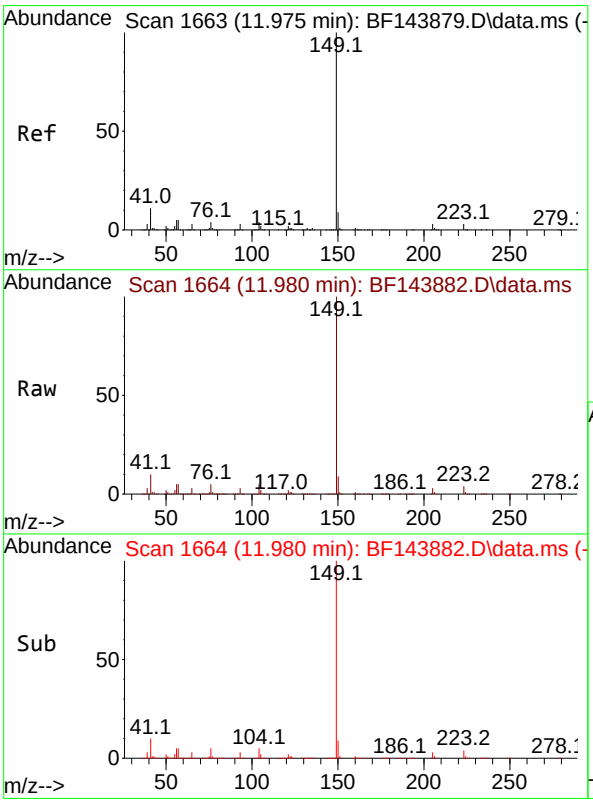
#73
Carbazole
Concen: 64.832 ng
RT: 11.651 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:167 Resp: 1519615

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.2	25.8
139	12.5	10.1	15.1

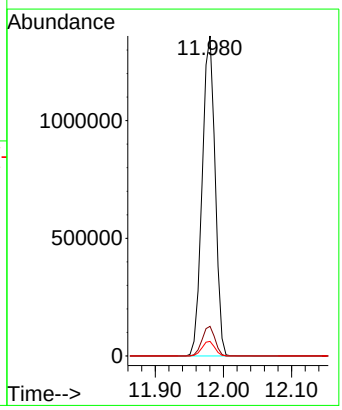


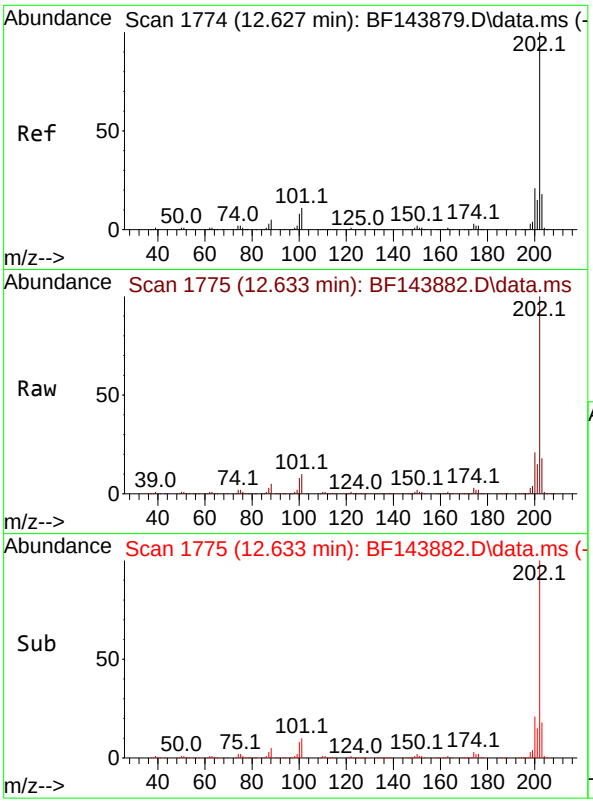


#74
Di-n-butylphthalate
Concen: 66.034 ng
RT: 11.980 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:149 Resp: 1793855

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	4.5	3.4	5.2



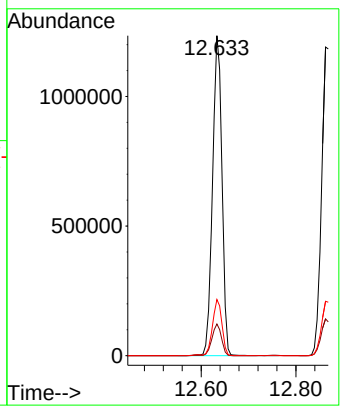


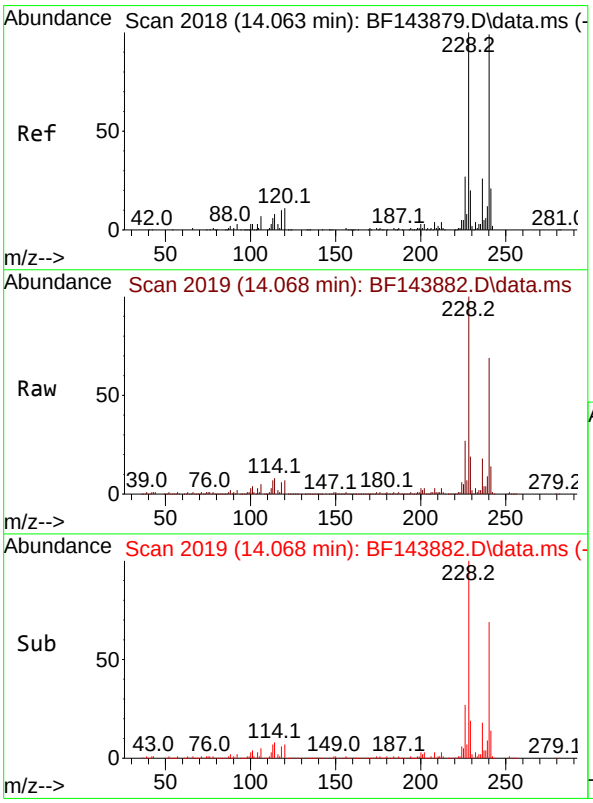
#75
Fluoranthene
Concen: 63.059 ng
RT: 12.633 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:202 Resp: 1706368

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	30.7
203	17.6	0.0	37.8

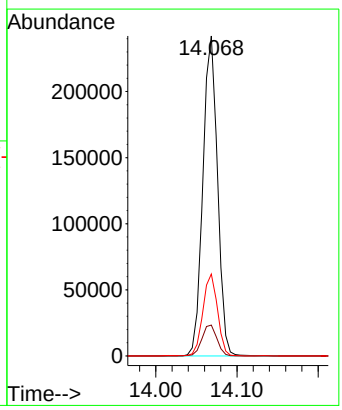


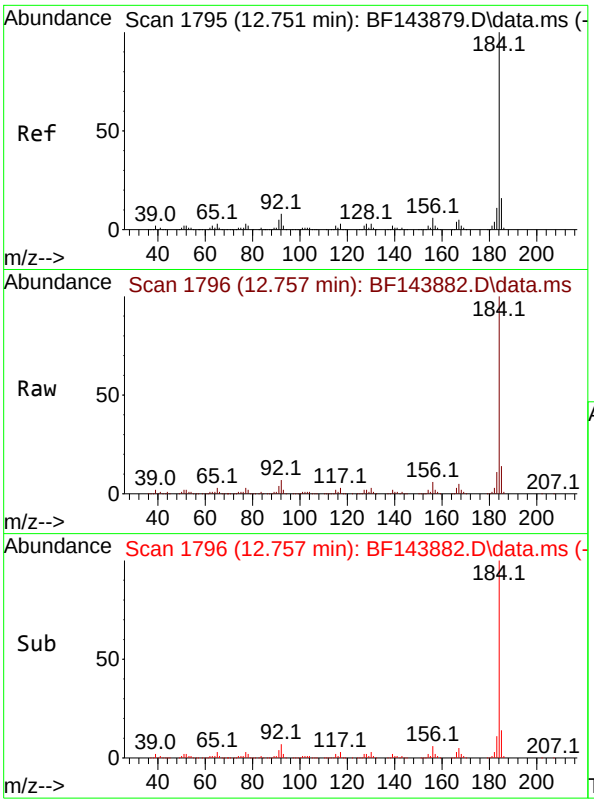


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:240 Resp: 302500

Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.6	13.0
236	25.6	21.1	31.7



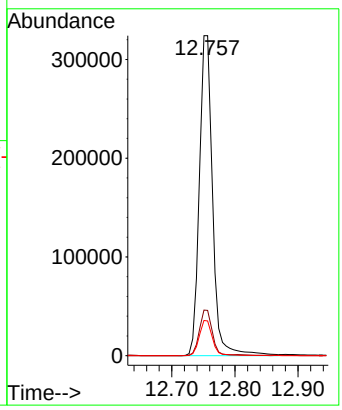


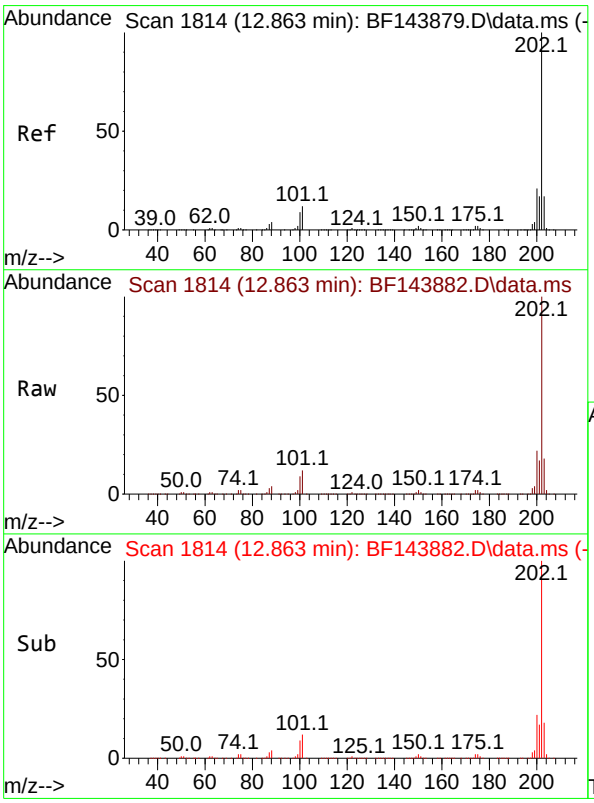
#77
Benzidine
Concen: 44.934 ng
RT: 12.757 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:184 Resp: 471967

Ion	Ratio	Lower	Upper
184	100		
185	14.2	12.6	18.8
183	10.9	8.8	13.2

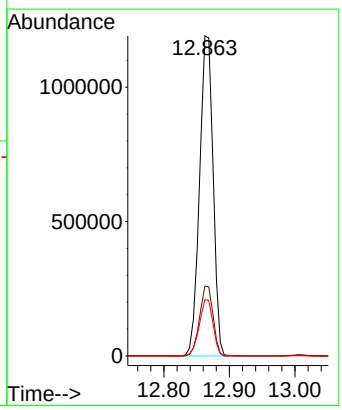


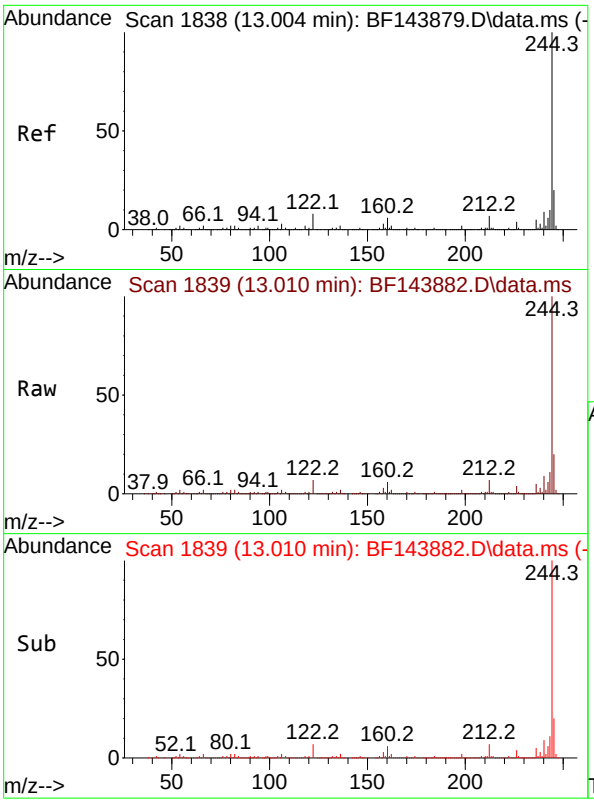


#78
Pyrene
Concen: 68.126 ng
RT: 12.863 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:202 Resp: 1718085

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.0	25.6
203	17.6	13.8	20.6



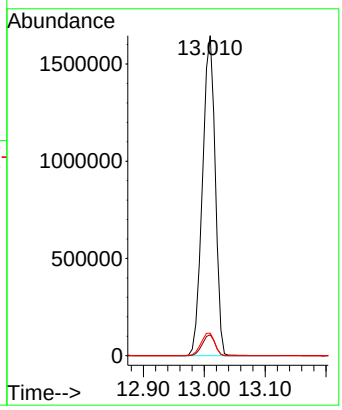


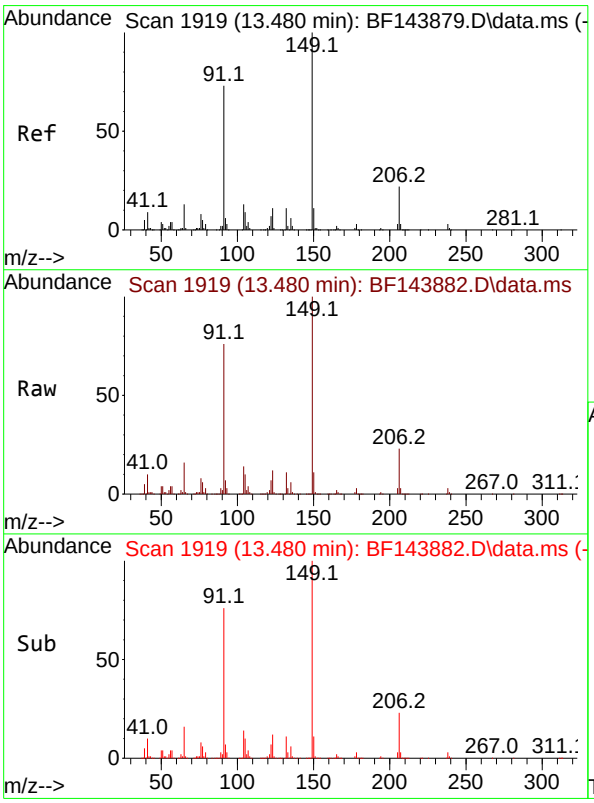
#79
Terphenyl-d14
Concen: 134.604 ng
RT: 13.010 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:244 Resp: 2382437

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	7.1	6.4	9.6

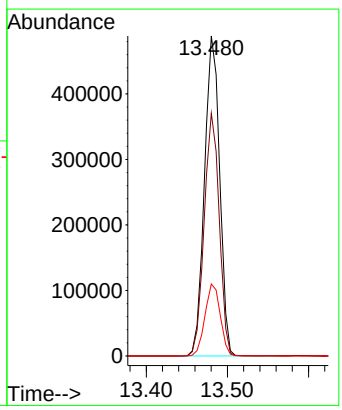


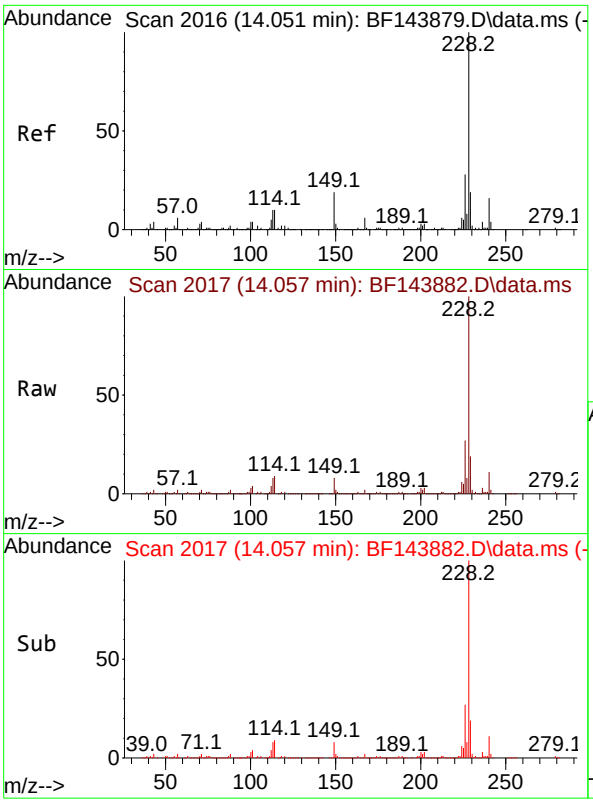


#80
Butylbenzylphthalate
Concen: 77.349 ng
RT: 13.480 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:149 Resp: 633516

Ion	Ratio	Lower	Upper
149	100		
91	75.9	58.2	87.2
206	22.5	17.9	26.9



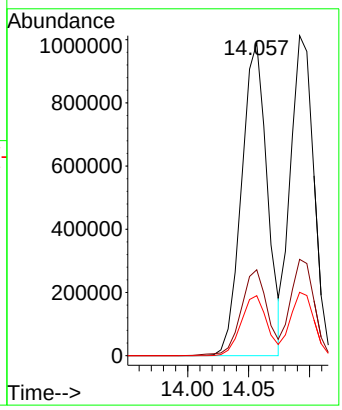


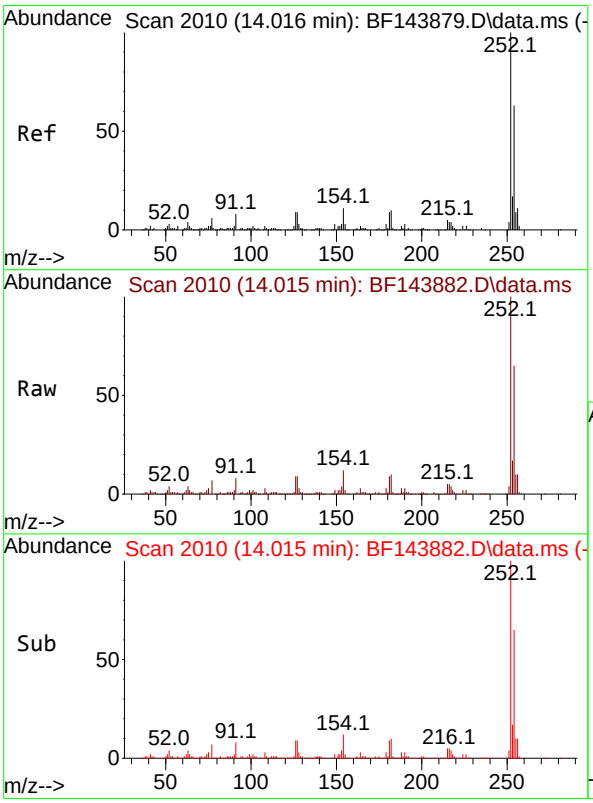
#81
Benzo(a)anthracene
Concen: 73.238 ng
RT: 14.057 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:228 Resp: 1449801

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.2	33.2
229	19.2	15.6	23.4

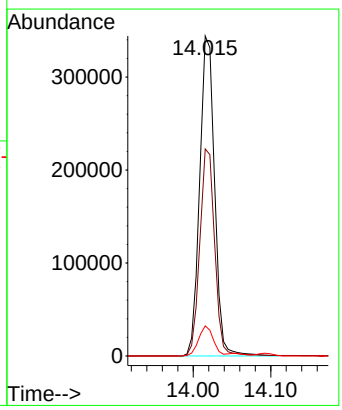


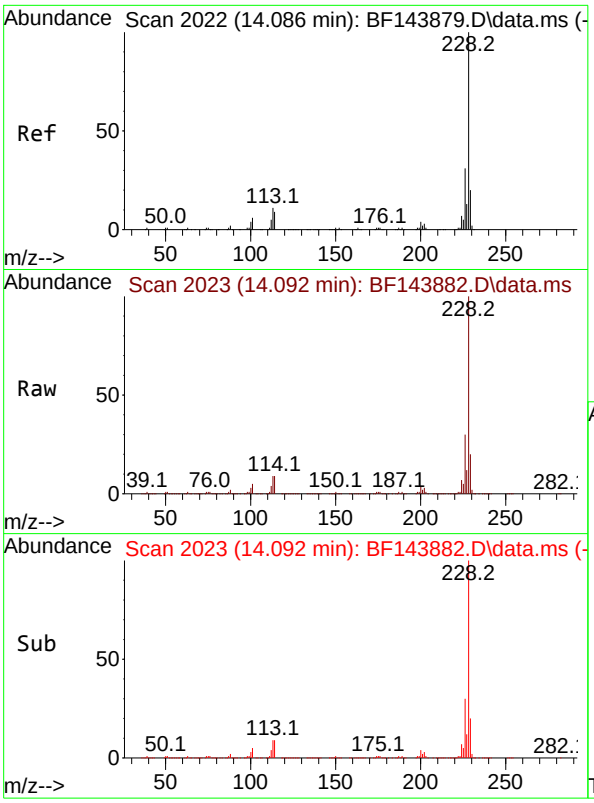


#82
3,3'-Dichlorobenzidine
Concen: 76.476 ng
RT: 14.015 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:252 Resp: 461359

Ion	Ratio	Lower	Upper
252	100		
254	64.7	50.6	76.0
126	9.4	7.0	10.6



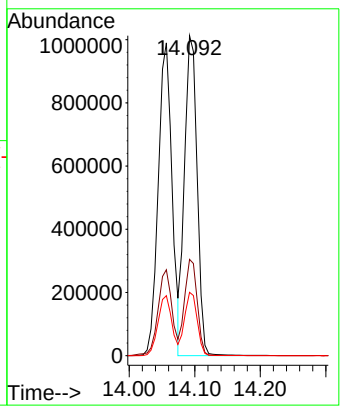


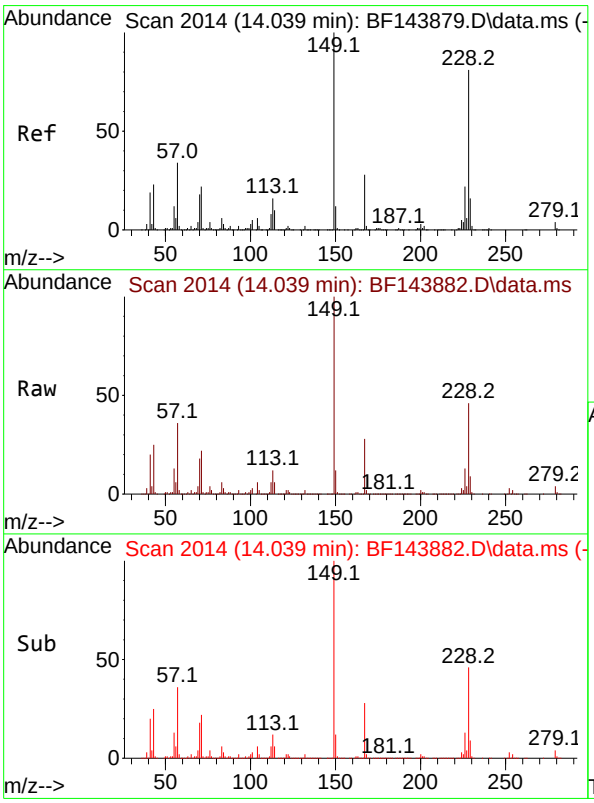
#83
Chrysene
Concen: 73.645 ng
RT: 14.092 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:228 Resp: 1349286

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.4	36.6
229	19.8	15.9	23.9

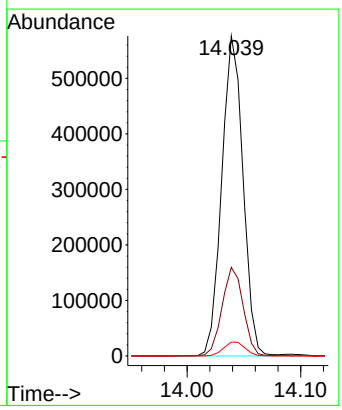


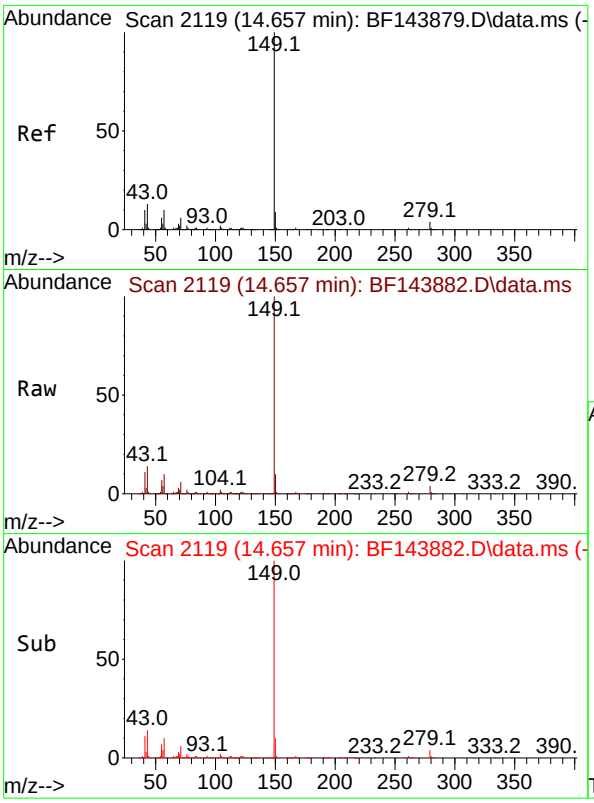


#84
Bis(2-ethylhexyl)phthalate
Concen: 75.897 ng
RT: 14.039 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:149 Resp: 749327

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.2	33.4
279	4.3	3.1	4.7



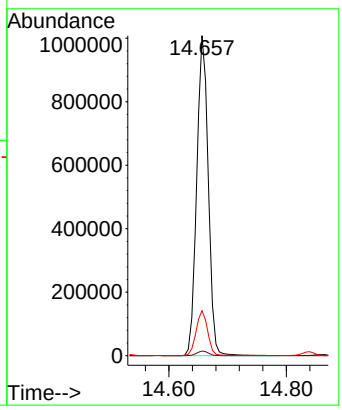


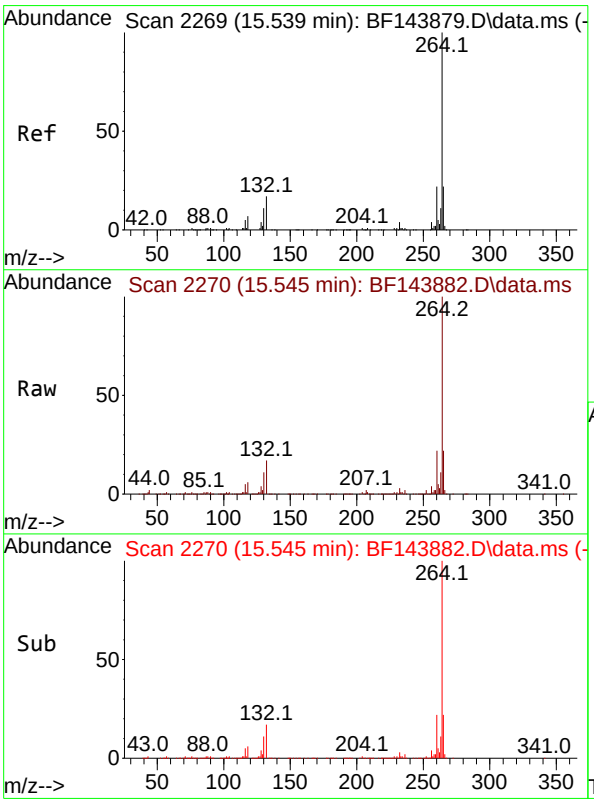
#85
Di-n-octyl phthalate
Concen: 84.532 ng
RT: 14.657 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 1370760

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	14.1	11.0	16.4

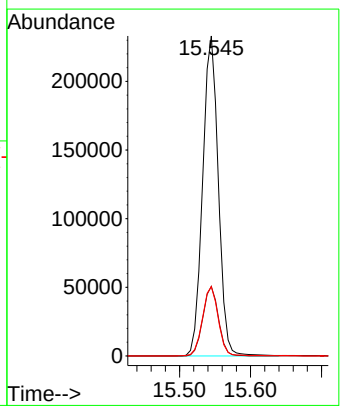


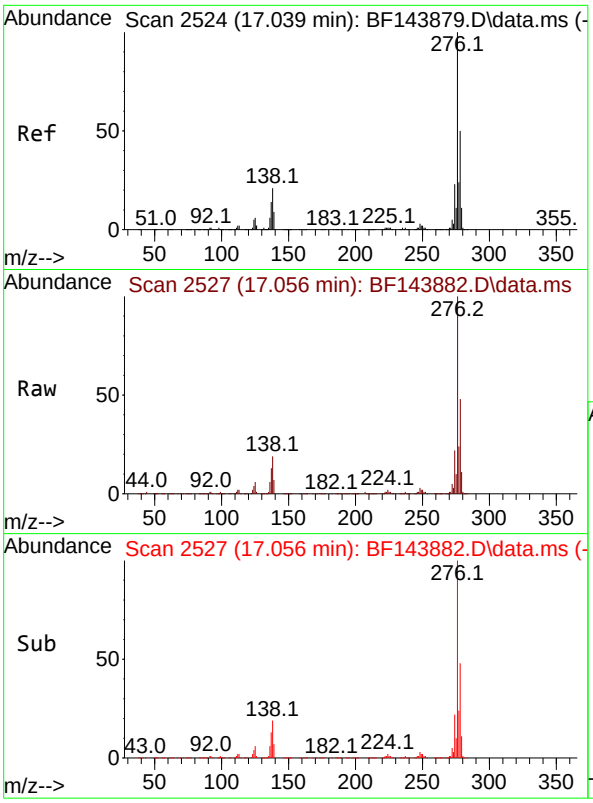


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:264 Resp: 357911

Ion	Ratio	Lower	Upper
264	100		
260	21.8	17.8	26.8
265	21.7	17.5	26.3



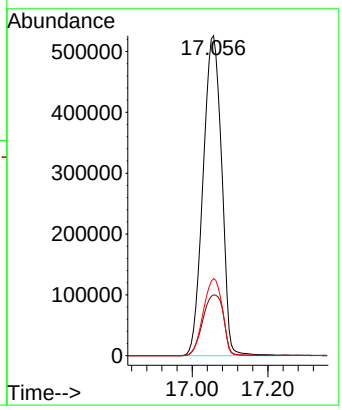


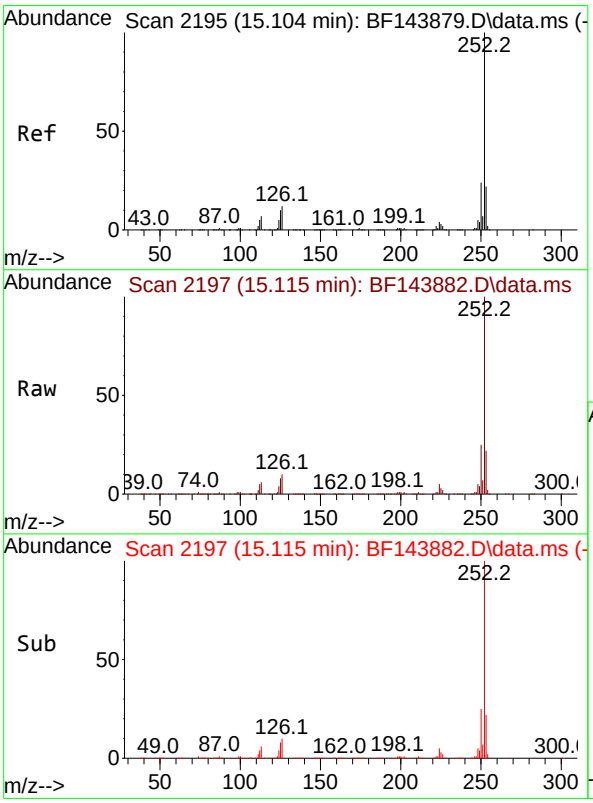
#87
Indeno(1,2,3-cd)pyrene
Concen: 81.478 ng
RT: 17.056 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:276 Resp: 1786876

Ion	Ratio	Lower	Upper
276	100		
138	21.5	18.2	27.2
277	24.7	19.8	29.6

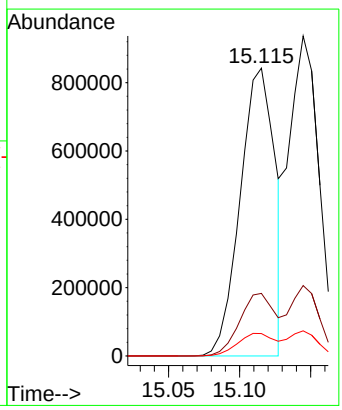


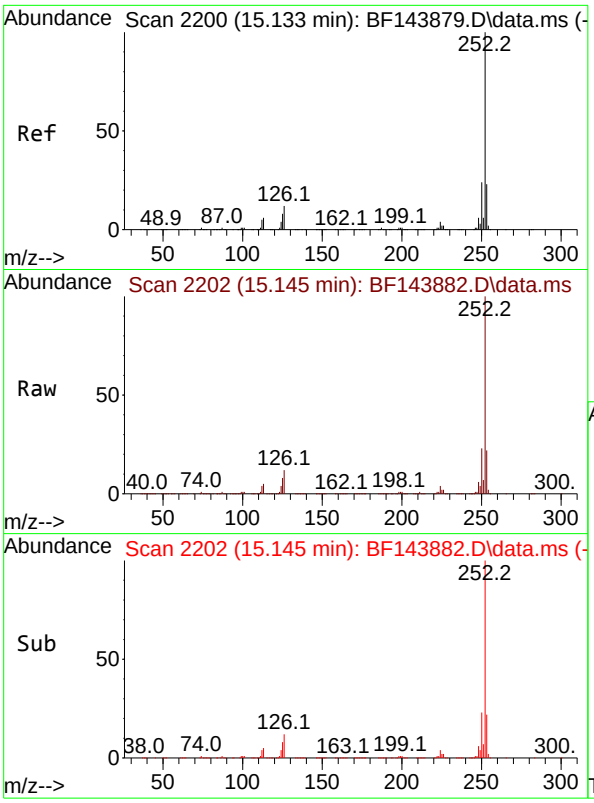


#88
Benzo(b)fluoranthene
Concen: 69.645 ng
RT: 15.115 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:252 Resp: 1431875

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	7.8	7.8	11.6



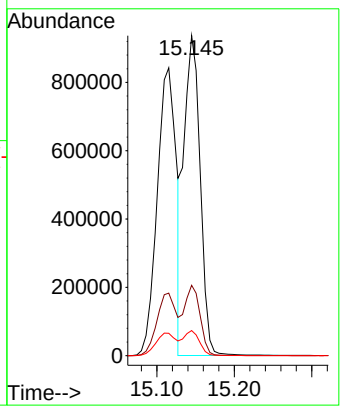


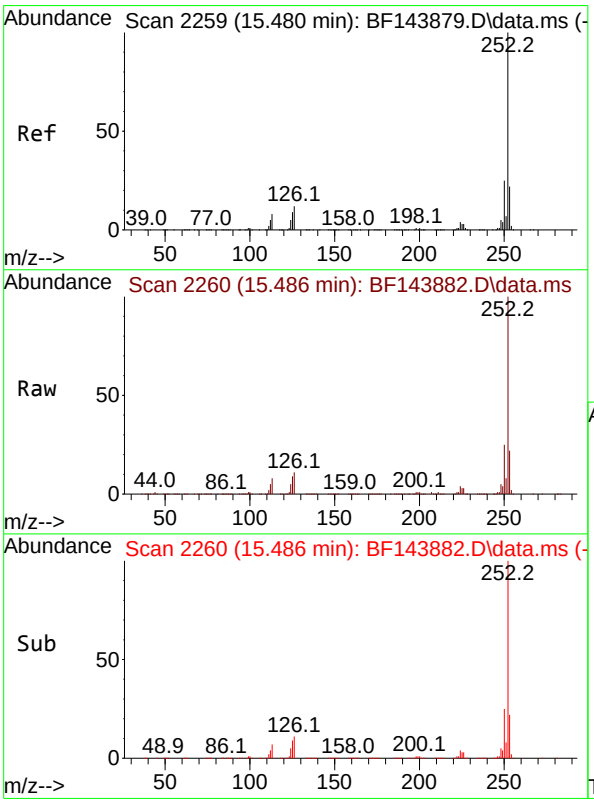
#89
Benzo(k)fluoranthene
Concen: 71.595 ng
RT: 15.145 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp: 1362026

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	7.8	7.4	11.2

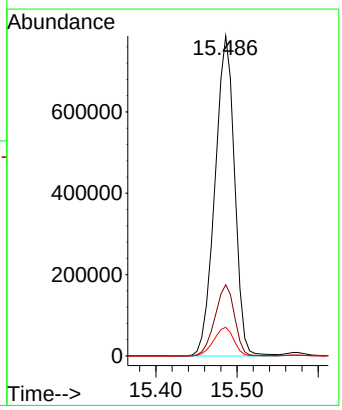


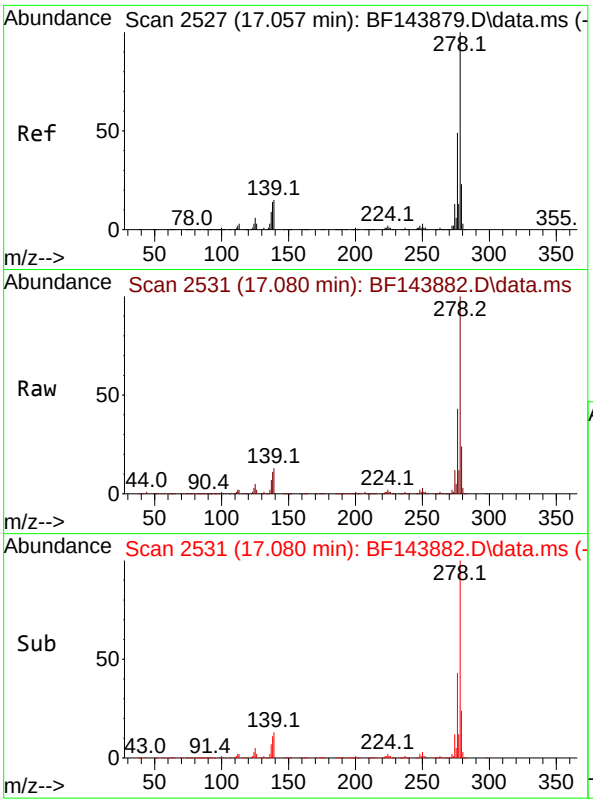


#90
Benzo(a)pyrene
Concen: 74.151 ng
RT: 15.486 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:252 Resp: 1321893

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.3	25.9
125	9.0	7.0	10.4



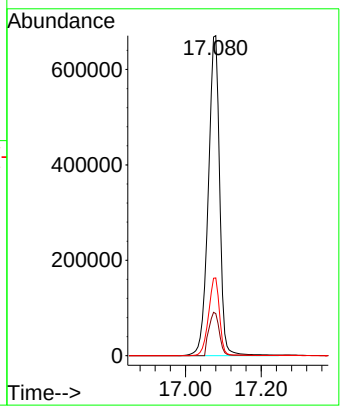


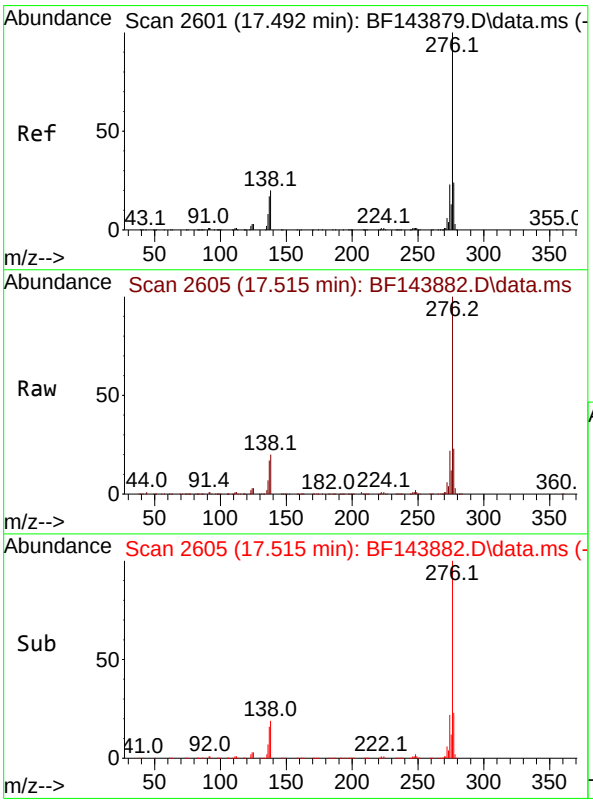
#91
Dibenzo(a,h)anthracene
Concen: 78.895 ng
RT: 17.080 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:278 Resp: 1391562

Ion	Ratio	Lower	Upper
278	100		
139	13.2	11.7	17.5
279	24.3	18.4	27.6

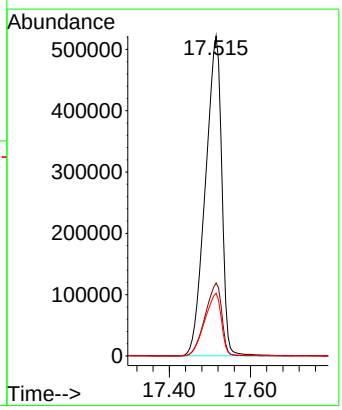




#92
Benzo(g,h,i)perylene
Concen: 82.305 ng
RT: 17.515 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:276 Resp: 1451721

Ion	Ratio	Lower	Upper
276	100		
277	22.8	19.0	28.6
138	19.5	16.1	24.1



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143883.D
Acq On : 06 Oct 2025 16:08
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Quant Time: Oct 06 16:37:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	114039	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	448972	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	247780	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	431562	20.000	ng	0.00
76) Chrysene-d12	14.063	240	259802	20.000	ng	0.00
86) Perylene-d12	15.539	264	249446	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	537941	74.908	ng	0.00
7) Phenol-d6	6.498	99	637597	74.487	ng	-0.02
23) Nitrobenzene-d5	7.445	82	549291	74.330	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	176914	71.685	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1055942	67.621	ng	-0.01
79) Terphenyl-d14	13.004	244	1131636	74.443	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.652	88	123809	37.256	ng	99
3) Pyridine	3.410	79	341125	35.261	ng	99
4) n-Nitrosodimethylamine	3.357	42	195710	38.456	ng	97
6) Aniline	6.545	93	486607	37.937	ng	99
8) 2-Chlorophenol	6.663	128	267562	38.116	ng	98
9) Benzaldehyde	6.434	77	245247	37.141	ng	99
10) Phenol	6.516	94	405520	39.627	ng	96
11) bis(2-Chloroethyl)ether	6.616	93	289024	36.561	ng	99
12) 1,3-Dichlorobenzene	6.822	146	317865	37.828	ng	100
13) 1,4-Dichlorobenzene	6.898	146	318221	38.392	ng	100
14) 1,2-Dichlorobenzene	7.051	146	314832	39.655	ng	99
15) Benzyl Alcohol	7.022	79	249958	38.974	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	676009	37.568	ng	99
17) 2-Methylphenol	7.128	107	222497	38.352	ng	96
18) Hexachloroethane	7.398	117	104363	37.755	ng	99
19) n-Nitroso-di-n-propyla...	7.292	70	214516	36.612	ng	98
20) 3+4-Methylphenols	7.281	107	268144	39.880	ng	94
22) Acetophenone	7.292	105	358014	37.713	ng	96
24) Nitrobenzene	7.463	77	309611	37.727	ng	100
25) Isophorone	7.704	82	550779	35.347	ng	99
26) 2-Nitrophenol	7.781	139	136223	38.717	ng	99
27) 2,4-Dimethylphenol	7.810	122	258524	40.847	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	360632	36.639	ng	98
29) 2,4-Dichlorophenol	8.016	162	243265	36.899	ng	97
30) 1,2,4-Trichlorobenzene	8.104	180	243161	37.503	ng	98
31) Naphthalene	8.186	128	749110	36.679	ng	99
32) Benzoic acid	7.904	122	154019	35.162	ng	98
33) 4-Chloroaniline	8.233	127	321328	41.950	ng	98
34) Hexachlorobutadiene	8.304	225	158600	35.201	ng	95
35) Caprolactam	8.598	113	79102	37.736	ng	93
36) 4-Chloro-3-methylphenol	8.710	107	228481	36.079	ng	99
37) 2-Methylnaphthalene	8.881	142	452442	33.257	ng	99
38) 1-Methylnaphthalene	8.980	142	465414	35.269	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	254223	37.122	ng	98
41) Hexachlorocyclopentadiene	9.033	237	139168	48.984	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	183769	36.726	ng	98

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143883.D
Acq On : 06 Oct 2025 16:08
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Quant Time: Oct 06 16:37:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	186099	35.194	ng		96
46) 1,1'-Biphenyl	9.345	154	603213	36.770	ng		98
47) 2-Chloronaphthalene	9.369	162	498615	36.454	ng		97
48) 2-Nitroaniline	9.463	65	168191	38.894	ng		99
49) Acenaphthylene	9.786	152	785697	40.859	ng		99
50) Dimethylphthalate	9.645	163	565953	35.968	ng		99
51) 2,6-Dinitrotoluene	9.704	165	122449	41.967	ng		99
52) Acenaphthene	9.957	154	452513	35.913	ng		99
53) 3-Nitroaniline	9.875	138	144668	40.493	ng		95
54) 2,4-Dinitrophenol	9.975	184	52796	33.731	ng	#	42
55) Dibenzofuran	10.127	168	653073	36.717	ng		99
56) 4-Nitrophenol	10.022	139	99684	36.850	ng		96
57) 2,4-Dinitrotoluene	10.104	165	163440	41.169	ng		99
58) Fluorene	10.475	166	476811	35.527	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.204	232	144064	38.488	ng		93
60) Diethylphthalate	10.345	149	533574	36.501	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	256247	36.113	ng		96
62) 4-Nitroaniline	10.486	138	127369	37.074	ng		99
63) Azobenzene	10.627	77	562787	36.837	ng		100
65) 4,6-Dinitro-2-methylph...	10.516	198	80422	37.083	ng		96
66) n-Nitrosodiphenylamine	10.580	169	496618	36.649	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	162033	33.973	ng		95
68) Hexachlorobenzene	11.022	284	190028	34.415	ng		99
69) Atrazine	11.110	200	160244	39.016	ng		98
70) Pentachlorophenol	11.216	266	104958	33.097	ng		99
71) Phenanthrene	11.439	178	743609	35.542	ng		99
72) Anthracene	11.492	178	766674	36.273	ng		99
73) Carbazole	11.645	167	678522	36.246	ng		99
74) Di-n-butylphthalate	11.974	149	806451	37.171	ng		99
75) Fluoranthene	12.627	202	778418	36.019	ng		99
77) Benzidine	12.751	184	409653	45.411	ng		98
78) Pyrene	12.863	202	789075	36.431	ng		99
80) Butylbenzylphthalate	13.480	149	274237	38.986	ng		98
81) Benzo(a)anthracene	14.051	228	614473	36.142	ng		100
82) 3,3'-Dichlorobenzidine	14.015	252	221480	42.747	ng		99
83) Chrysene	14.086	228	594668	37.792	ng		98
84) Bis(2-ethylhexyl)phtha...	14.039	149	326966	38.560	ng		99
85) Di-n-octyl phthalate	14.657	149	502989	36.116	ng		99
87) Indeno(1,2,3-cd)pyrene	17.033	276	563492	36.867	ng		98
88) Benzo(b)fluoranthene	15.104	252	537814	37.533	ng		99
89) Benzo(k)fluoranthene	15.133	252	467396	35.252	ng		100
90) Benzo(a)pyrene	15.474	252	470896	37.900	ng		98
91) Dibenzo(a,h)anthracene	17.051	278	454776	36.995	ng		97
92) Benzo(g,h,i)perylene	17.486	276	456833	37.162	ng		98

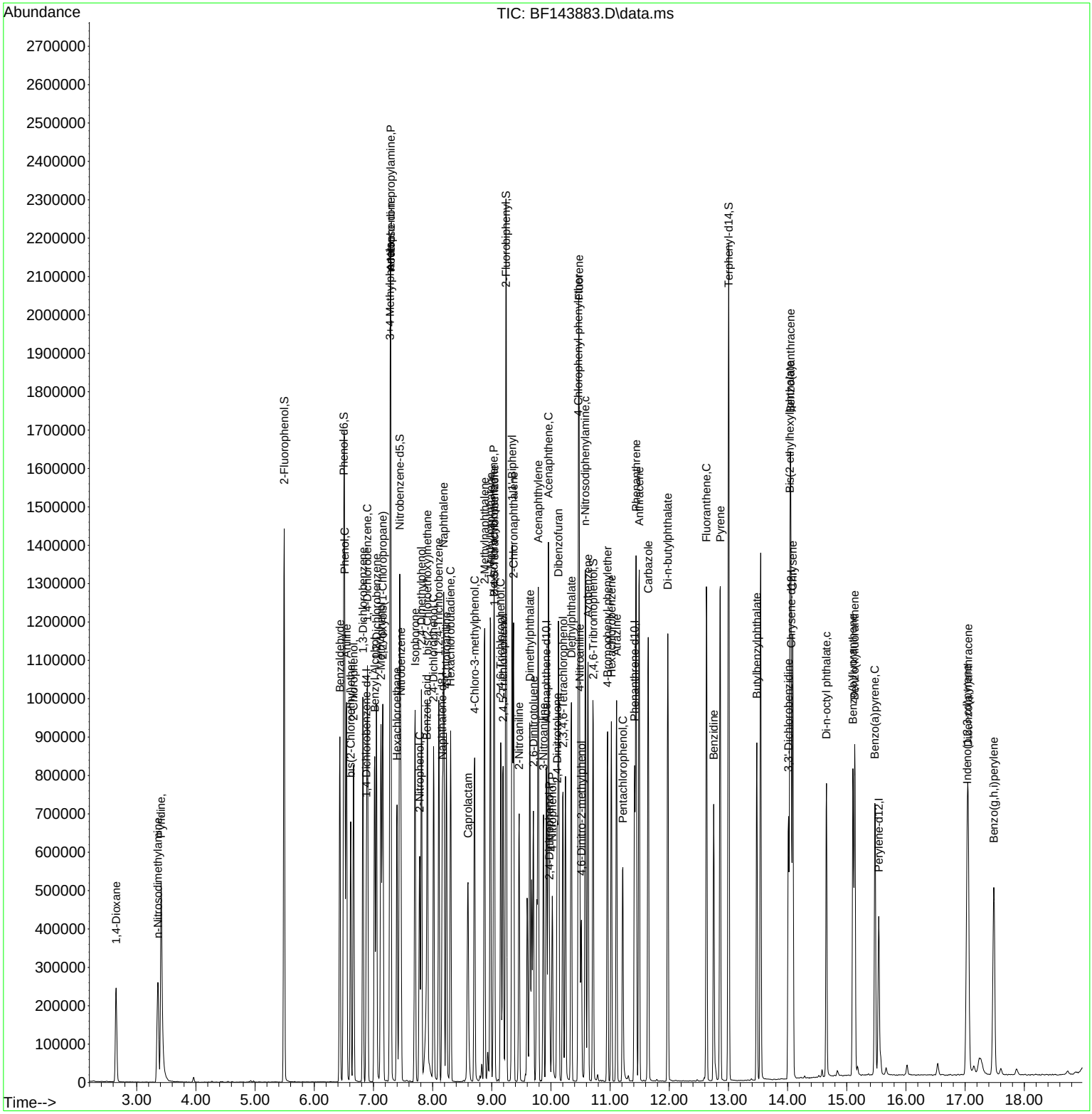
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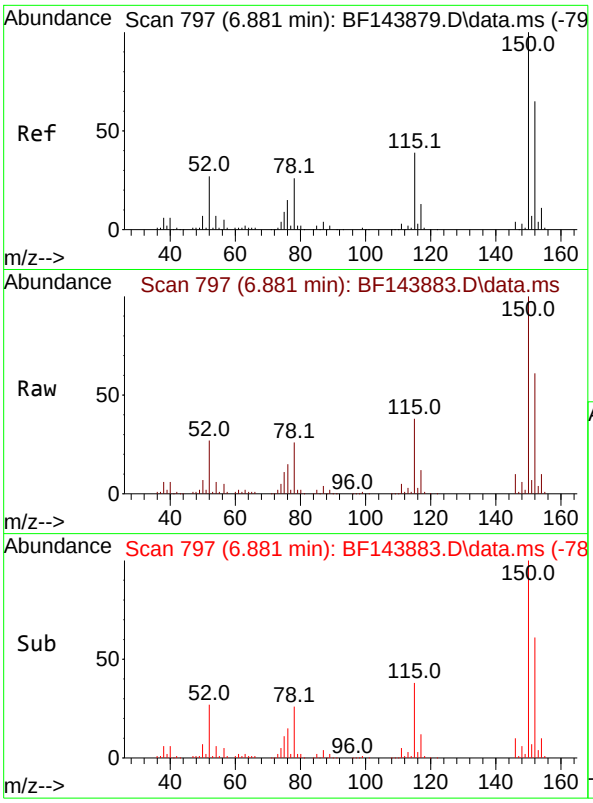
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143883.D
Acq On : 06 Oct 2025 16:08
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Quant Time: Oct 06 16:37:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration



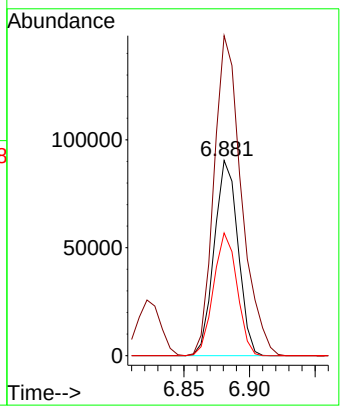


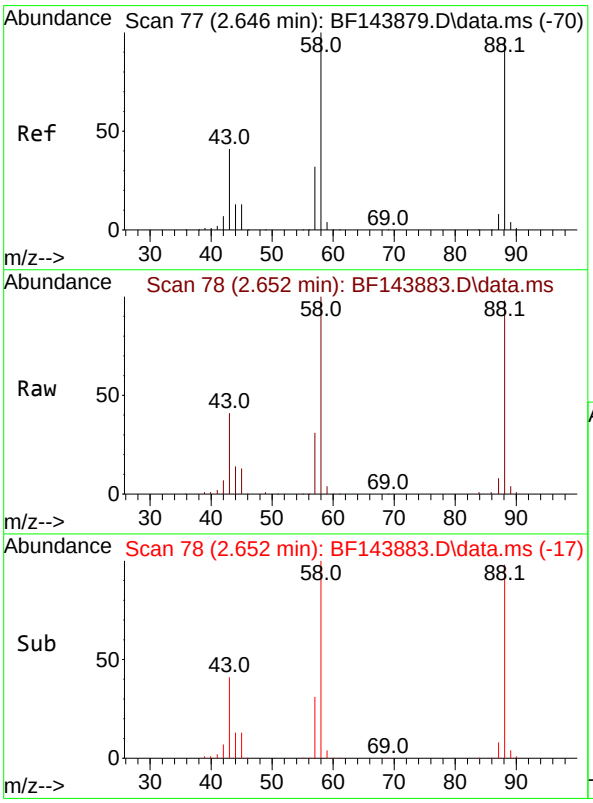
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 7
Delta R.T. -0.005 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion:152 Resp: 114039

Ion	Ratio	Lower	Upper
152	100		
150	164.0	124.4	186.6
115	62.9	48.1	72.1

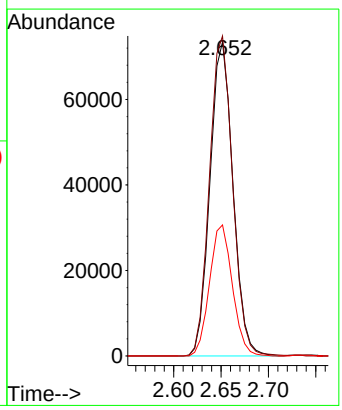


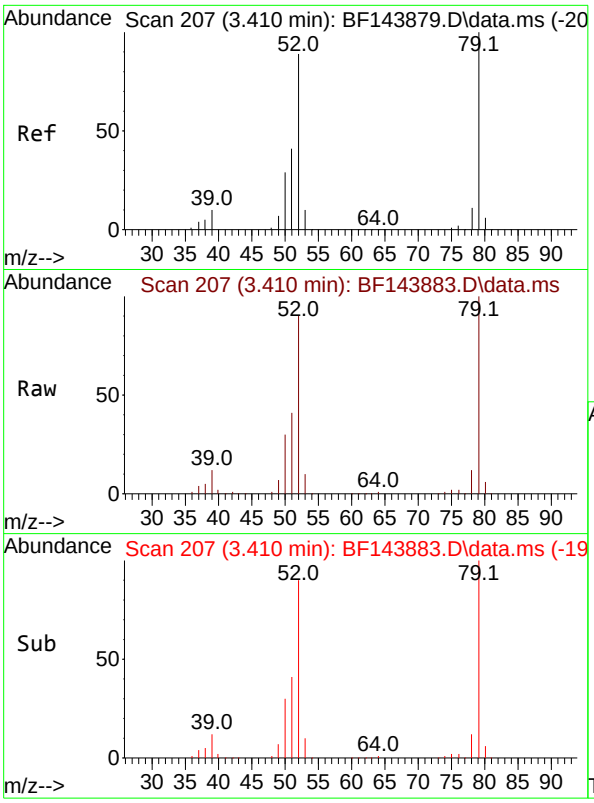


#2
1,4-Dioxane
Concen: 37.256 ng
RT: 2.652 min Scan# 78
Delta R.T. 0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion: 88 Resp: 123809

Ion	Ratio	Lower	Upper
88	100		
58	102.6	83.0	124.6
43	41.5	33.9	50.9



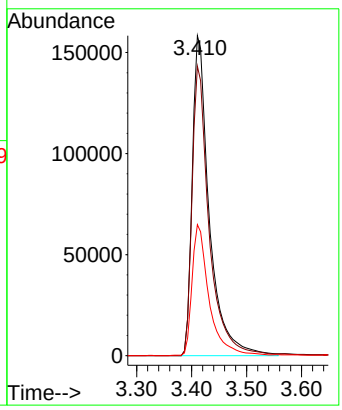


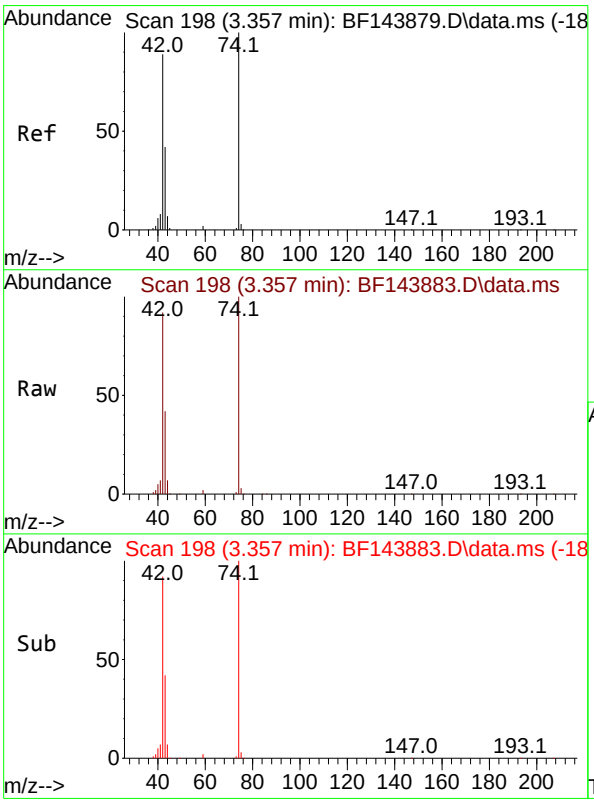
#3
Pyridine
Concen: 35.261 ng
RT: 3.410 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion: 79 Resp: 341125

Ion	Ratio	Lower	Upper
79	100		
52	90.5	71.5	107.3
51	41.0	32.9	49.3

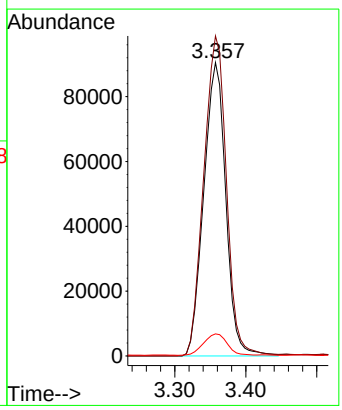


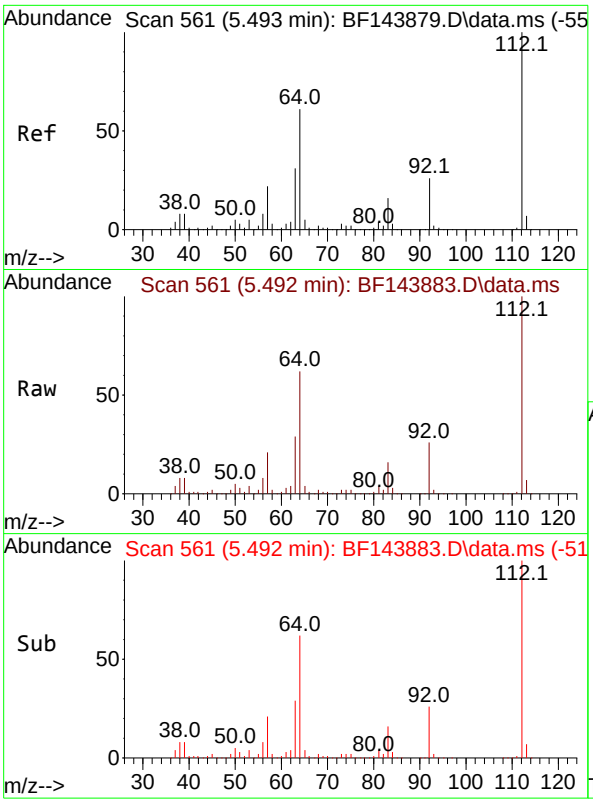


#4
n-Nitrosodimethylamine
Concen: 38.456 ng
RT: 3.357 min Scan# 198
Delta R.T. -0.029 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion: 42 Resp: 195710

Ion	Ratio	Lower	Upper
42	100		
74	109.1	90.0	135.0
44	7.5	6.2	9.2



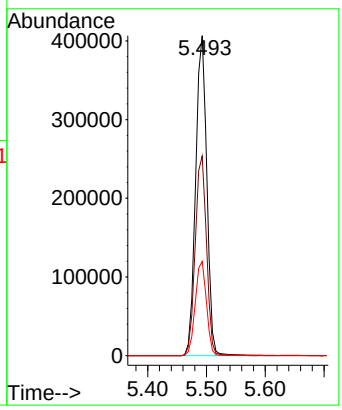


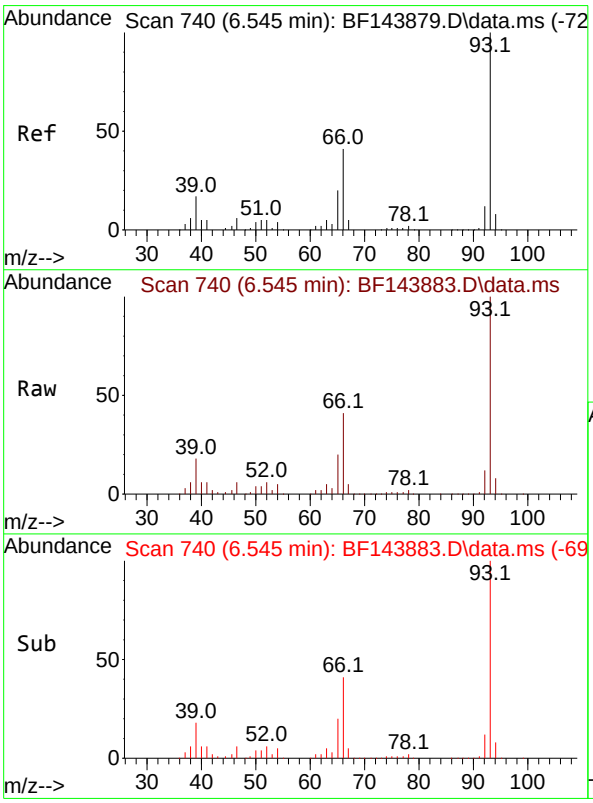
#5
2-Fluorophenol
Concen: 74.908 ng
RT: 5.492 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion:112 Resp: 537941

Ion	Ratio	Lower	Upper
112	100		
64	62.4	49.1	73.7
63	29.4	24.5	36.7

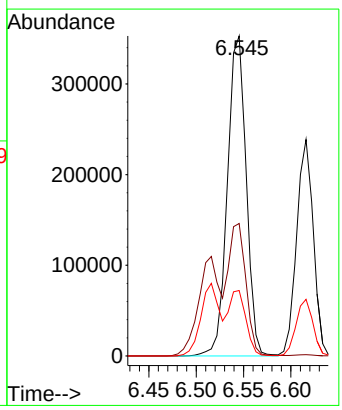


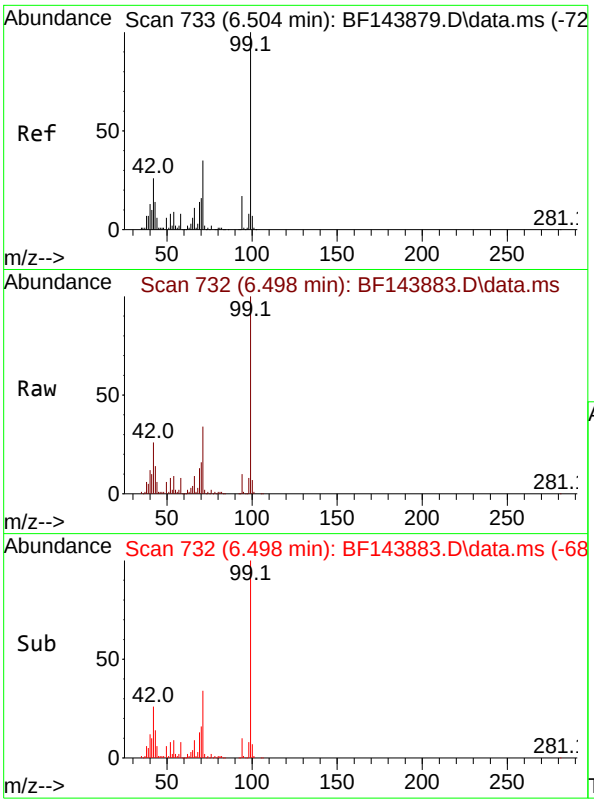


#6
Aniline
Concen: 37.937 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion: 93 Resp: 486607

Ion	Ratio	Lower	Upper
93	100		
66	41.4	33.0	49.6
65	20.5	15.8	23.8



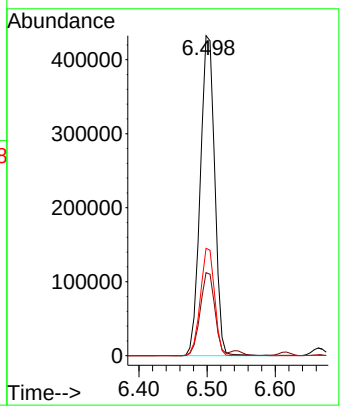


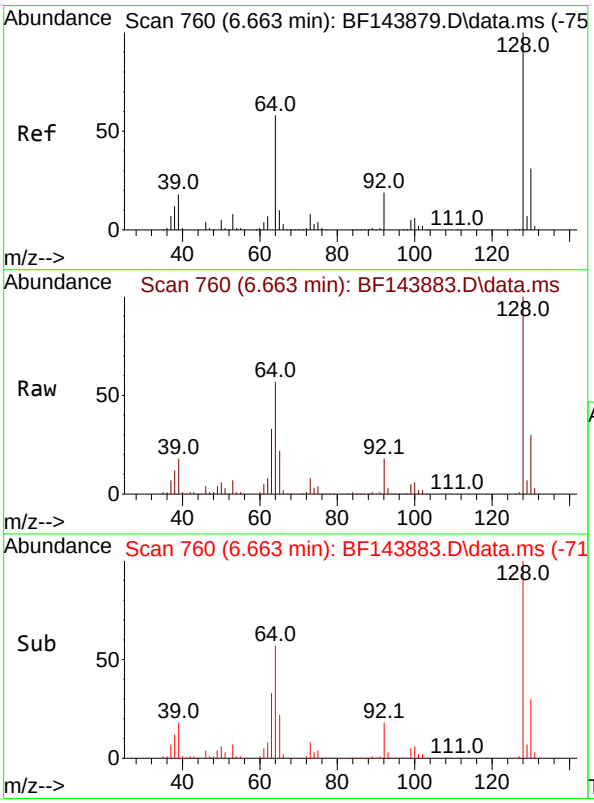
#7
Phenol-d6
Concen: 74.487 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion: 99 Resp: 637597

Ion	Ratio	Lower	Upper
99	100		
42	25.9	21.0	31.4
71	33.5	27.8	41.8

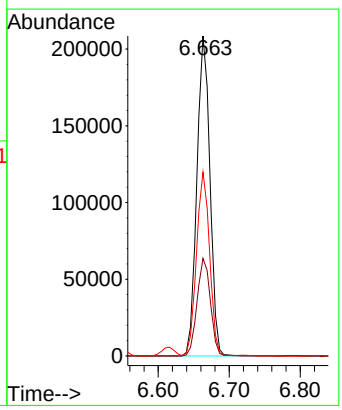


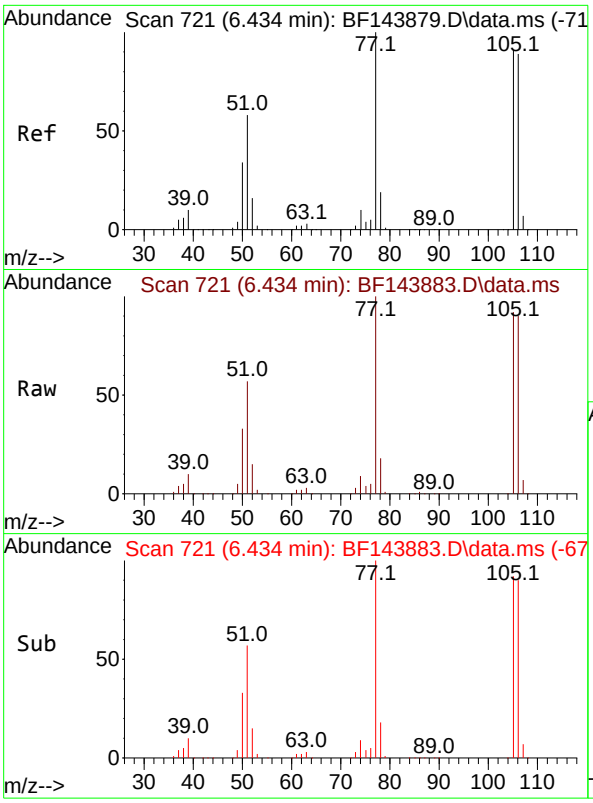


#8
2-Chlorophenol
Concen: 38.116 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:128 Resp: 267562

Ion	Ratio	Lower	Upper
128	100		
130	30.5	10.7	50.7
64	57.4	39.0	79.0



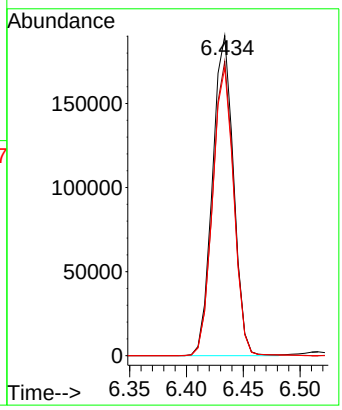


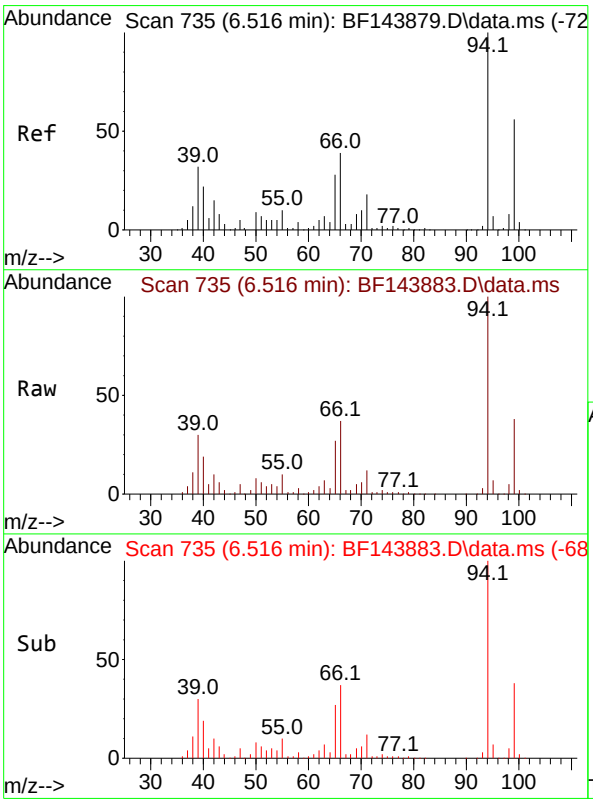
#9
Benzaldehyde
Concen: 37.141 ng
RT: 6.434 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion: 77 Resp: 245247

Ion	Ratio	Lower	Upper
77	100		
105	92.0	70.9	110.9
106	90.0	68.9	108.9

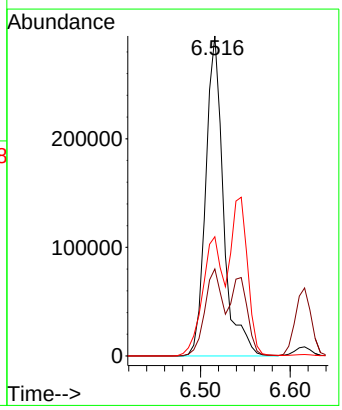


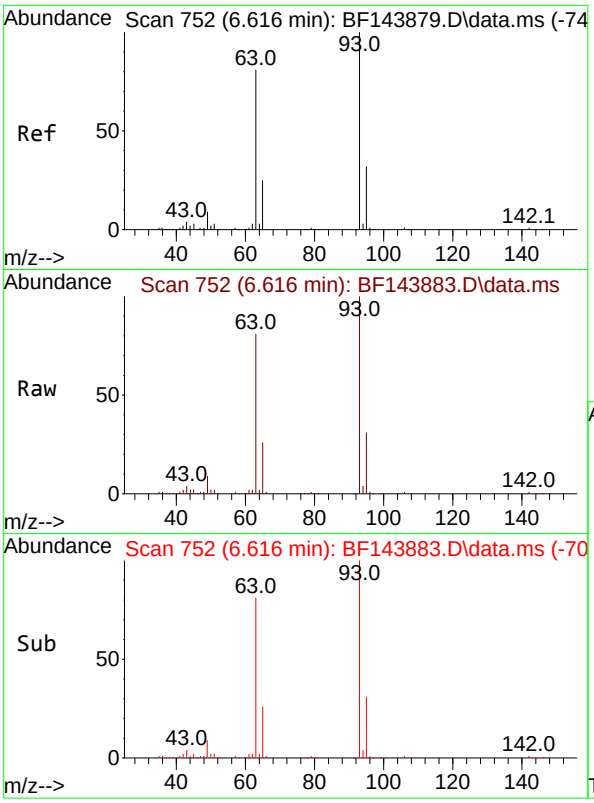


#10
Phenol
Concen: 39.627 ng
RT: 6.516 min Scan# 735
Delta R.T. -0.018 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion: 94 Resp: 405520

Ion	Ratio	Lower	Upper
94	100		
65	27.2	8.5	48.5
66	37.3	19.9	59.9



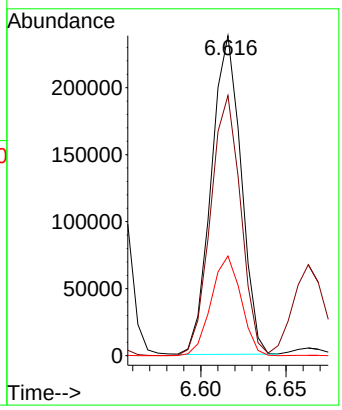


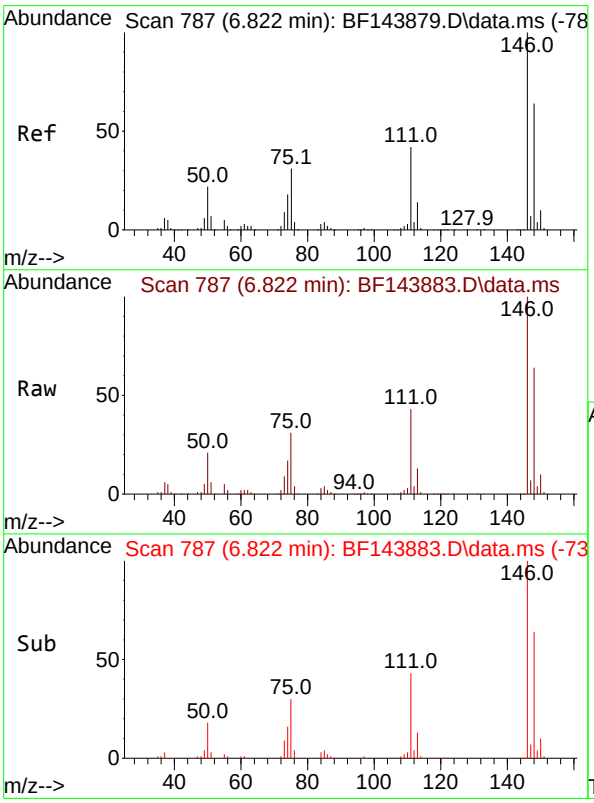
#11
bis(2-Chloroethyl)ether
Concen: 36.561 ng
RT: 6.616 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion: 93 Resp: 289024

Ion	Ratio	Lower	Upper
93	100		
63	81.3	60.9	100.9
95	31.1	11.5	51.5

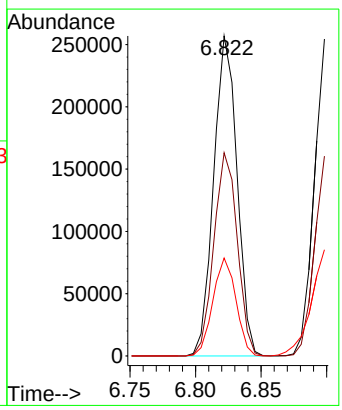


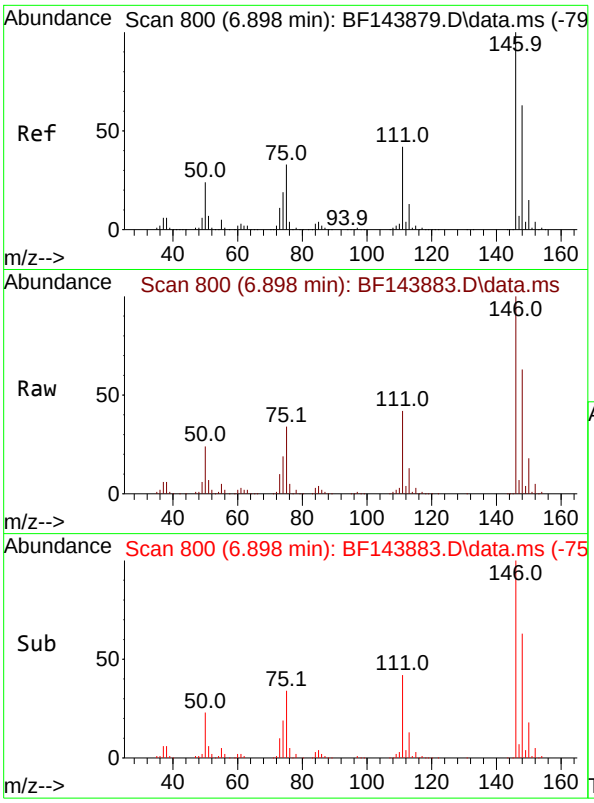


#12
1,3-Dichlorobenzene
Concen: 37.828 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:146 Resp: 317865

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.0	76.4
75	30.6	24.9	37.3



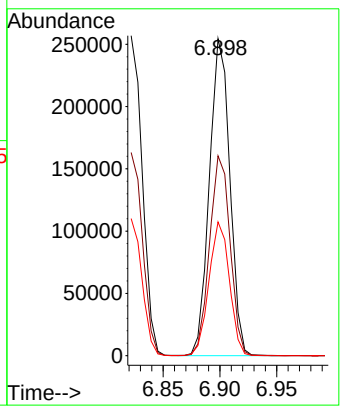


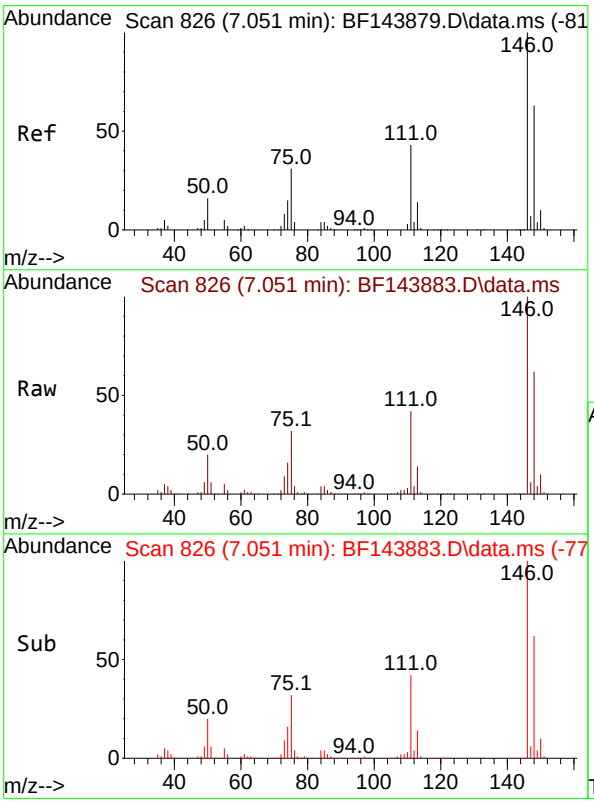
#13
1,4-Dichlorobenzene
Concen: 38.392 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion:146 Resp: 318221

Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.5	75.7
111	42.2	33.4	50.0

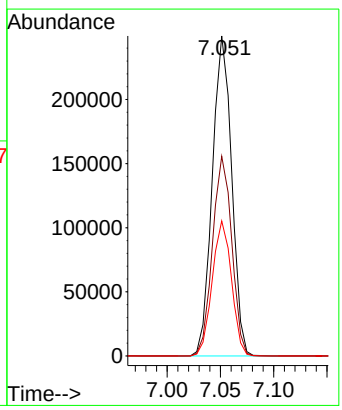


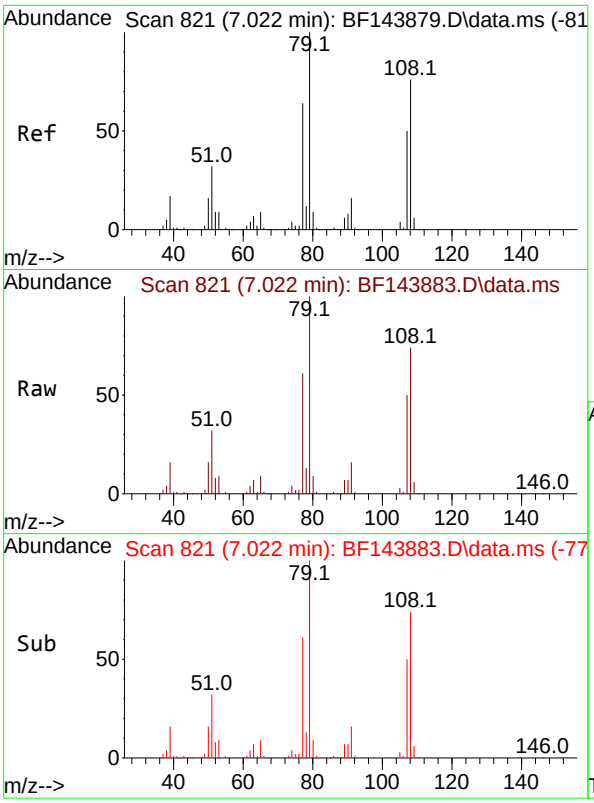


#14
1,2-Dichlorobenzene
Concen: 39.655 ng
RT: 7.051 min Scan# 826
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:146 Resp: 314832

Ion	Ratio	Lower	Upper
146	100		
148	62.4	50.6	75.8
111	42.2	34.6	51.8



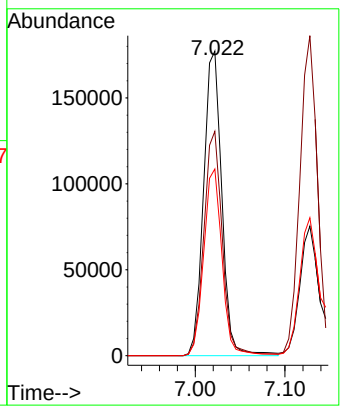


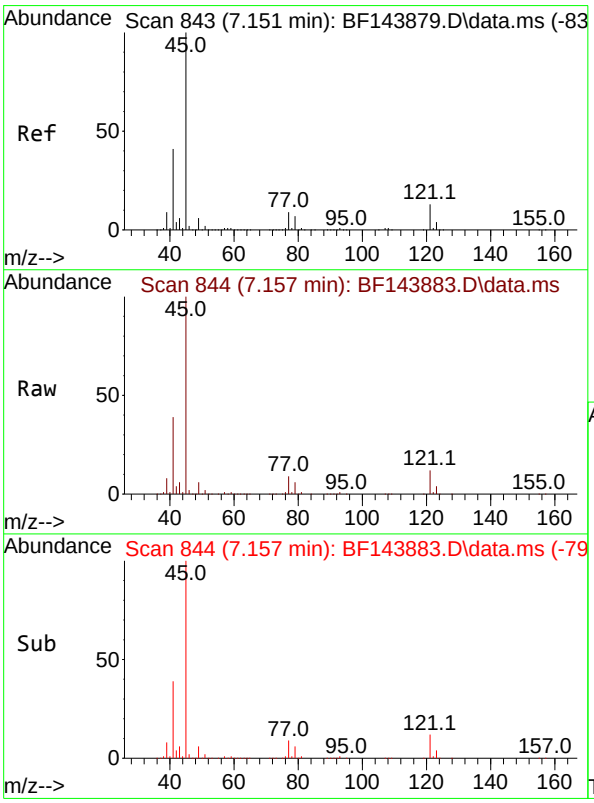
#15
Benzyl Alcohol
Concen: 38.974 ng
RT: 7.022 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion: 79 Resp: 249958

Ion	Ratio	Lower	Upper
79	100		
108	73.6	60.8	91.2
77	61.3	51.0	76.6

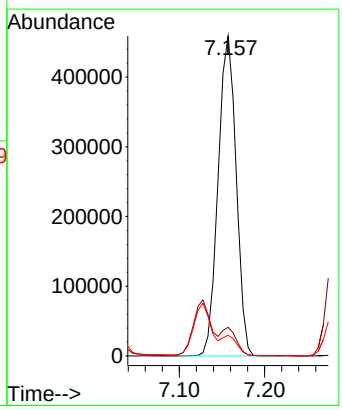


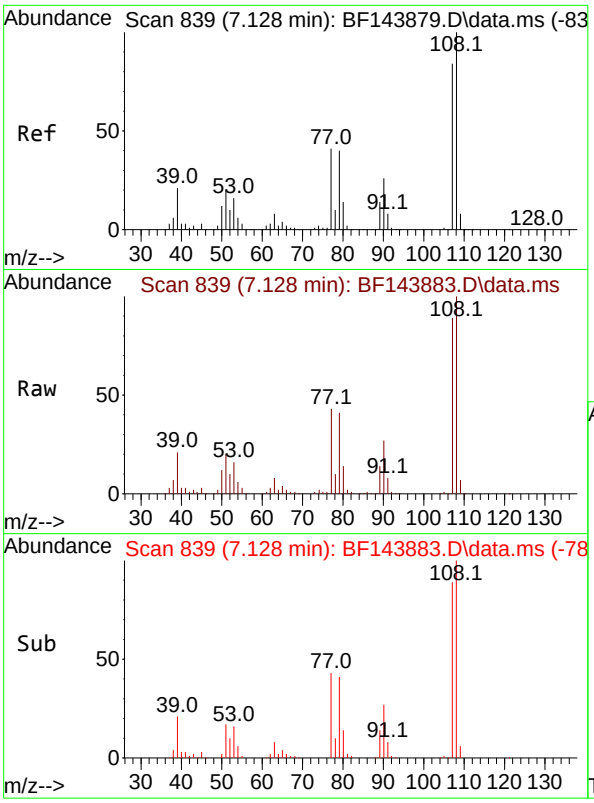


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.568 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion: 45 Resp: 676009

Ion	Ratio	Lower	Upper
45	100		
77	9.0	0.0	29.0
79	6.5	0.0	26.8



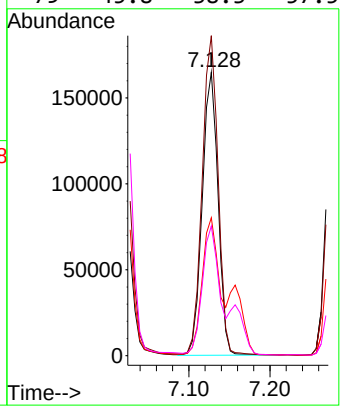


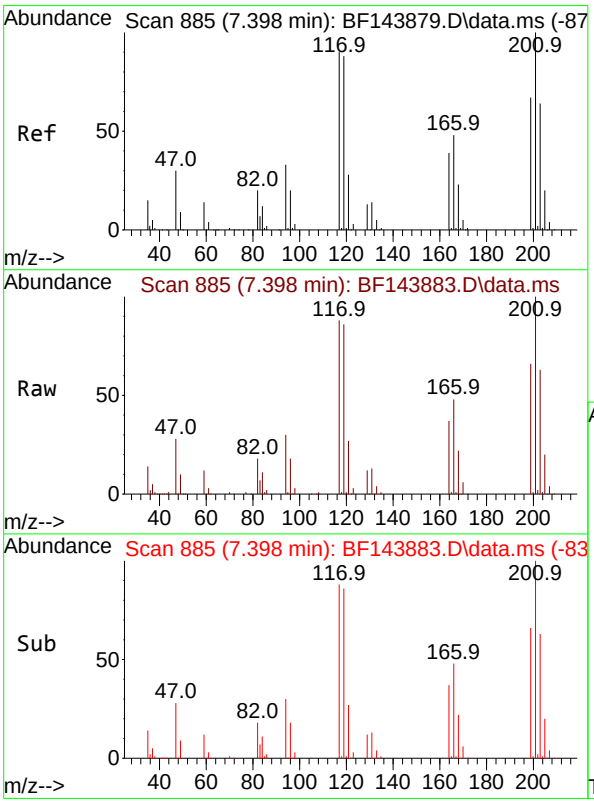
#17
2-Methylphenol
Concen: 38.352 ng
RT: 7.128 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion:107 Resp: 222497

Ion	Ratio	Lower	Upper
107	100		
108	112.9	94.7	142.1
77	48.7	38.8	58.2
79	45.8	38.3	57.5

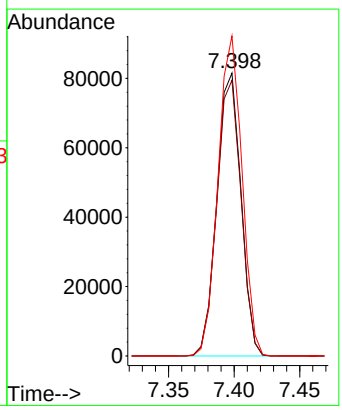


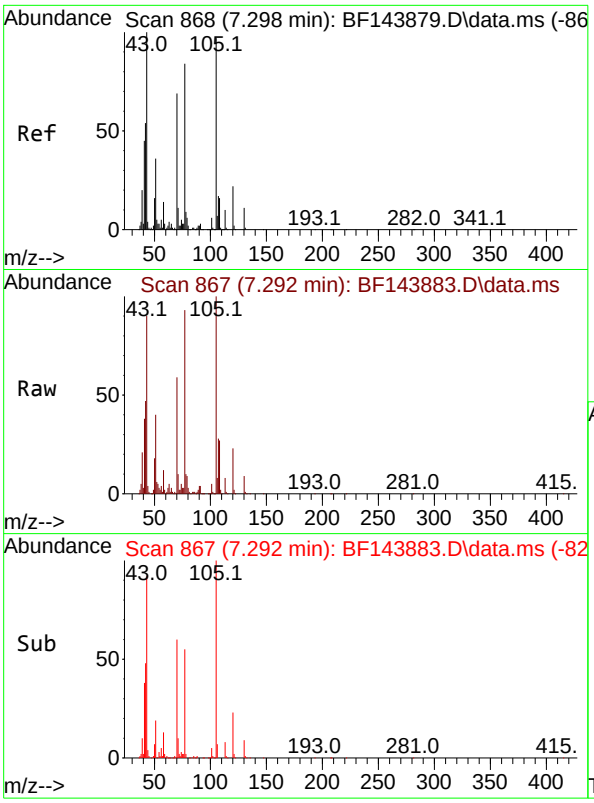


#18
Hexachloroethane
Concen: 37.755 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:117 Resp: 104363

Ion	Ratio	Lower	Upper
117	100		
119	97.5	77.8	116.8
201	113.1	88.5	132.7



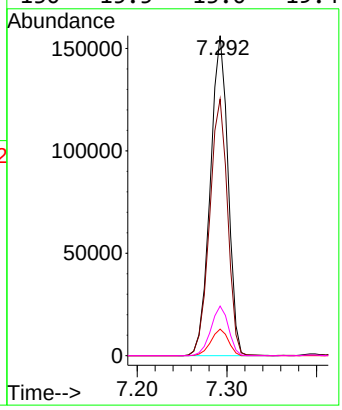


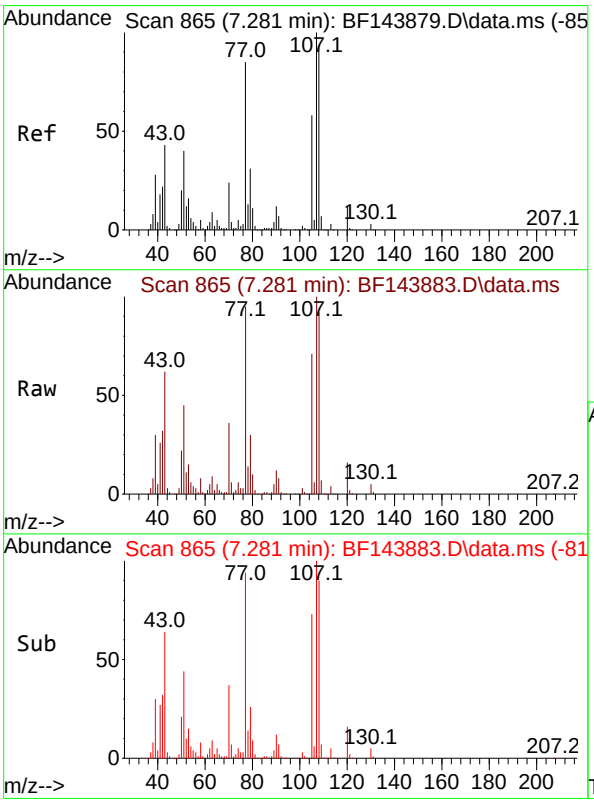
#19
n-Nitroso-di-n-propylamine
Concen: 36.612 ng
RT: 7.292 min Scan# 8
Delta R.T. -0.023 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion: 70 Resp: 214516

Ion	Ratio	Lower	Upper
70	100		
42	80.2	62.8	94.2
101	8.3	6.7	10.1
130	15.5	13.0	19.4

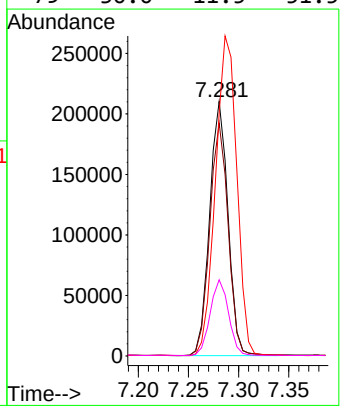


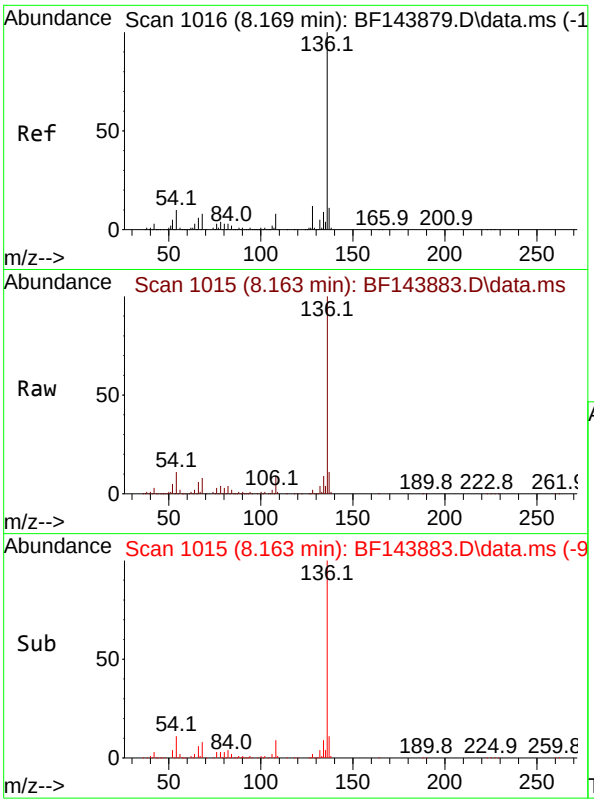


#20
3+4-Methylphenols
Concen: 39.880 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.018 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:107 Resp: 268144

Ion	Ratio	Lower	Upper
107	100		
108	91.5	73.0	113.0
77	95.3	64.6	104.6
79	30.0	11.5	51.5



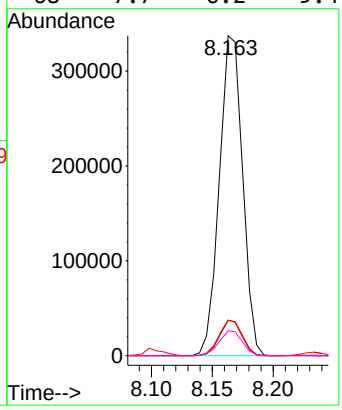


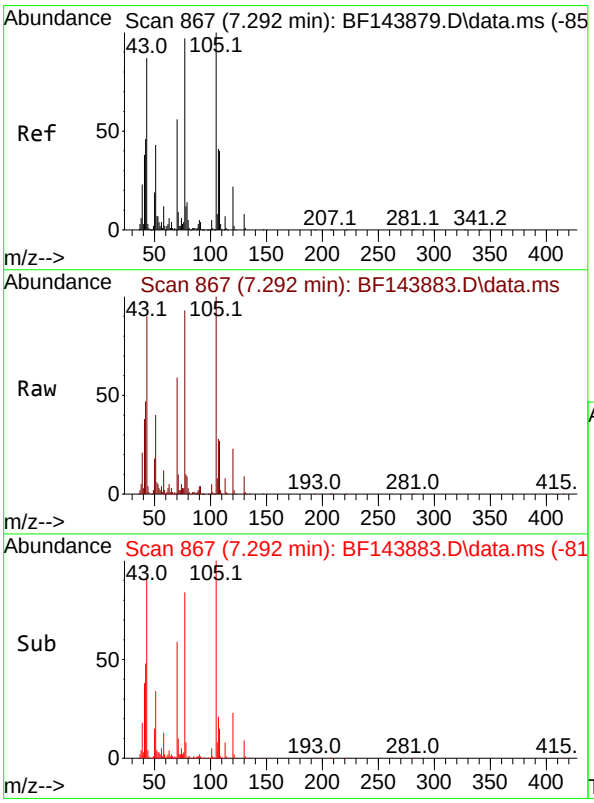
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion:136 Resp: 448972

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	11.2	8.2	12.4
68	7.7	6.2	9.4

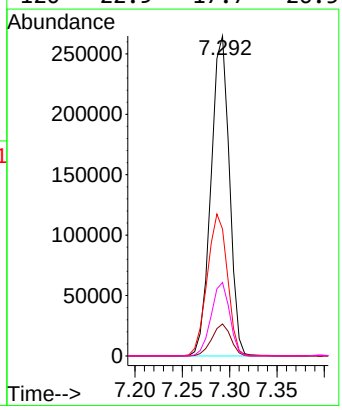


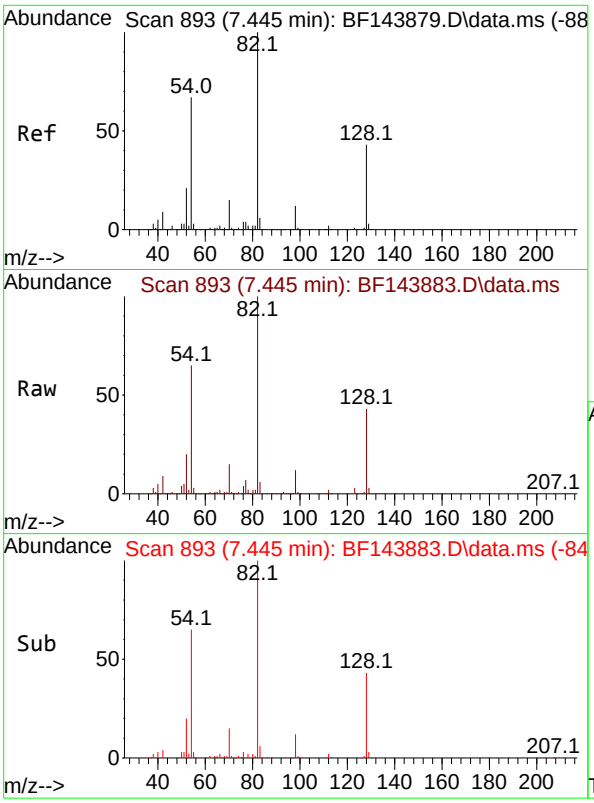


#22
Acetophenone
Concen: 37.713 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:105 Resp: 358014

Ion	Ratio	Lower	Upper
105	100		
71	10.0	7.4	11.0
51	39.7	34.2	51.4
120	22.9	17.7	26.5



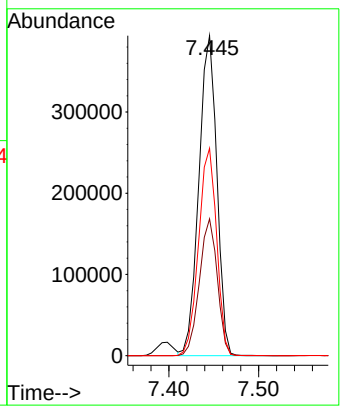


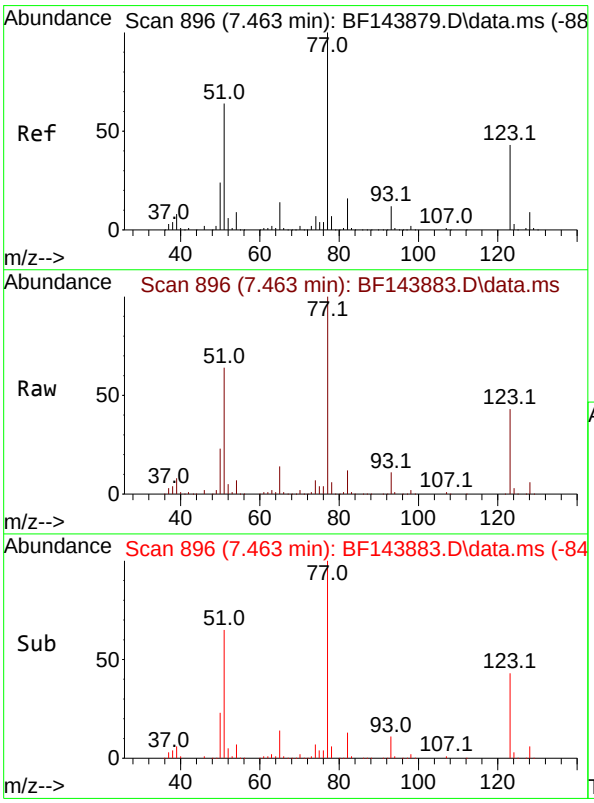
#23
Nitrobenzene-d5
Concen: 74.330 ng
RT: 7.445 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion: 82 Resp: 549291

Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.0	51.0
54	64.8	53.2	79.8

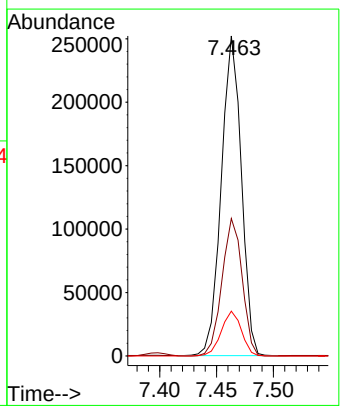


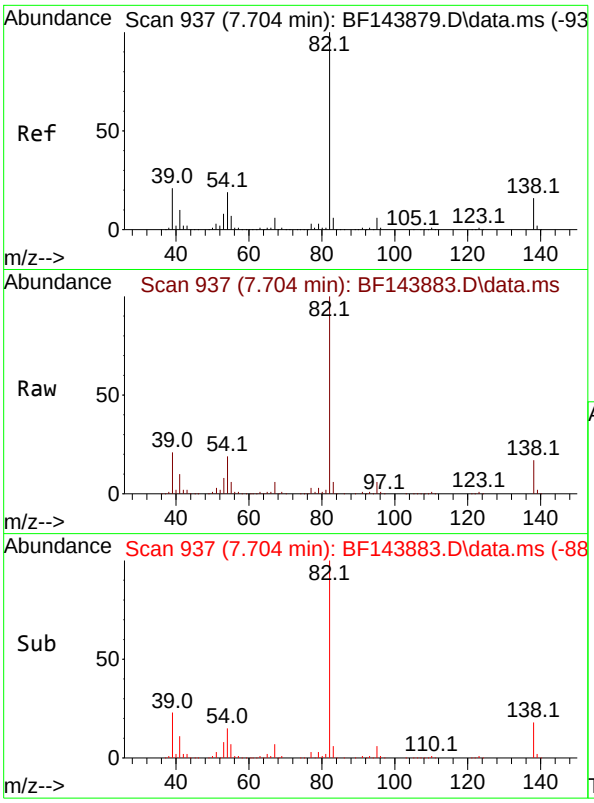


#24
Nitrobenzene
Concen: 37.727 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion: 77 Resp: 309611

Ion	Ratio	Lower	Upper
77	100		
123	42.9	34.2	51.4
65	14.0	11.0	16.6



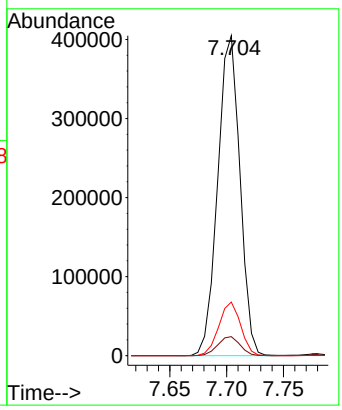


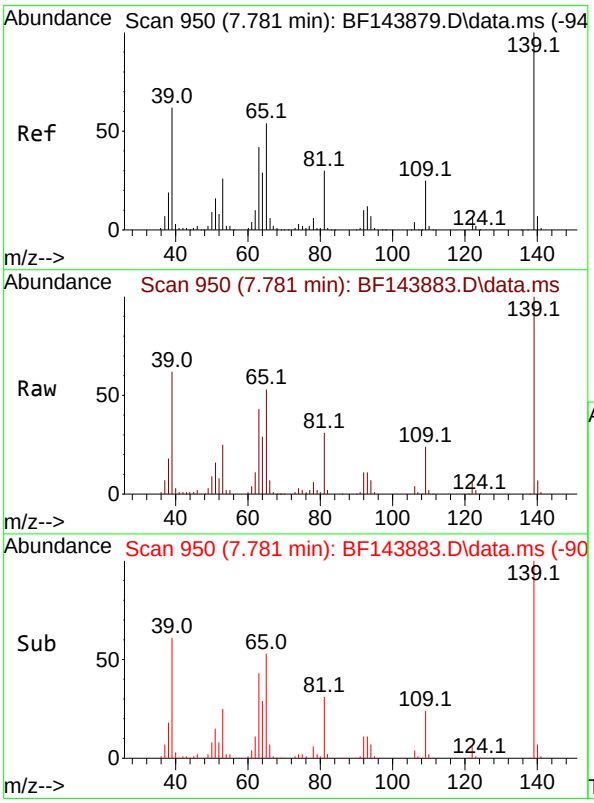
#25
Isophorone
Concen: 35.347 ng
RT: 7.704 min Scan# 9
Delta R.T. -0.018 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion: 82 Resp: 550779

Ion	Ratio	Lower	Upper
82	100		
95	6.0	5.1	7.7
138	16.8	12.9	19.3

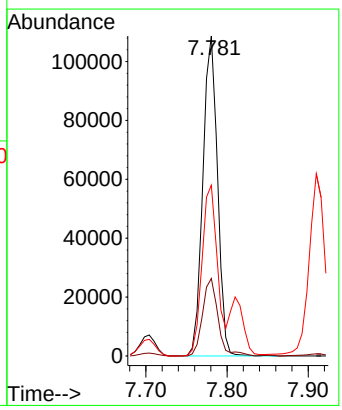


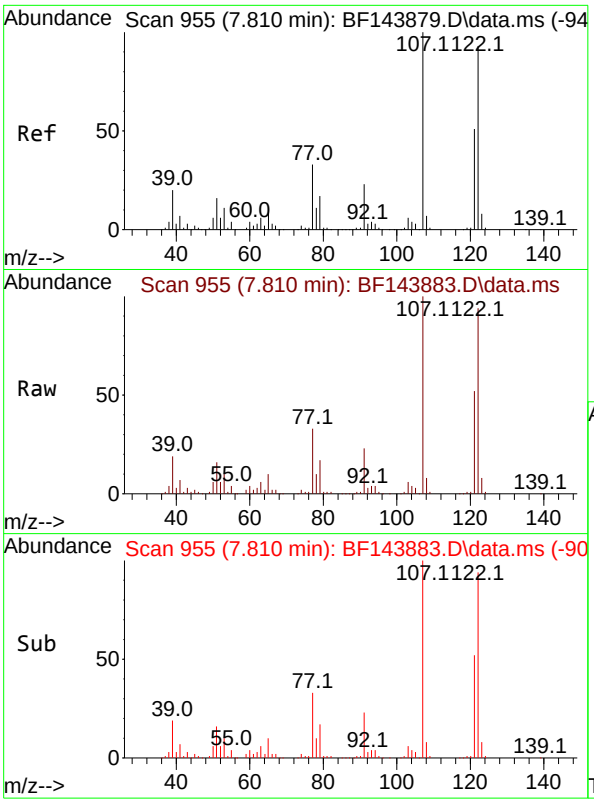


#26
2-Nitrophenol
Concen: 38.717 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:139 Resp: 136223

Ion	Ratio	Lower	Upper
139	100		
109	24.2	19.8	29.6
65	53.3	42.9	64.3



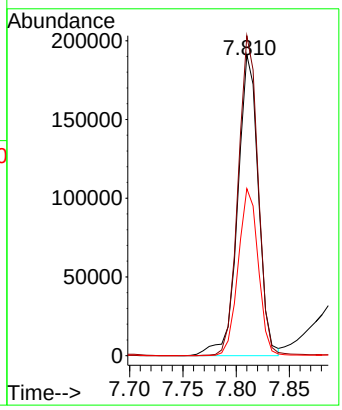


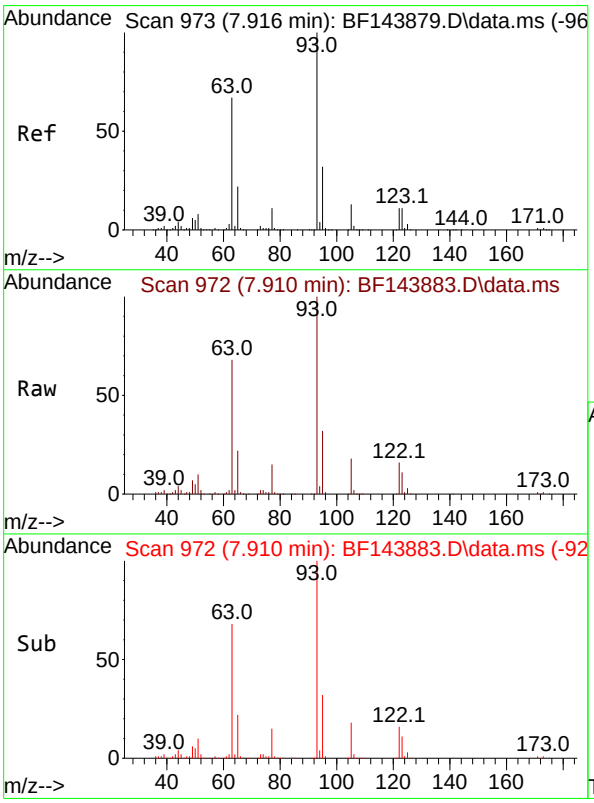
#27
2,4-Dimethylphenol
Concen: 40.847 ng
RT: 7.810 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion:122 Resp: 258524

Ion	Ratio	Lower	Upper
122	100		
107	106.3	86.1	129.1
121	55.5	43.8	65.6

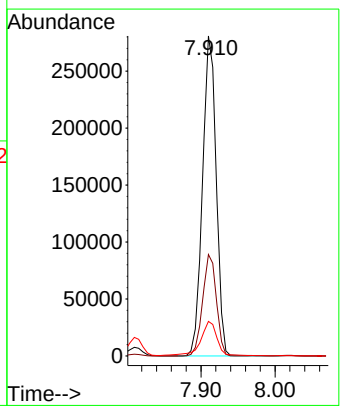


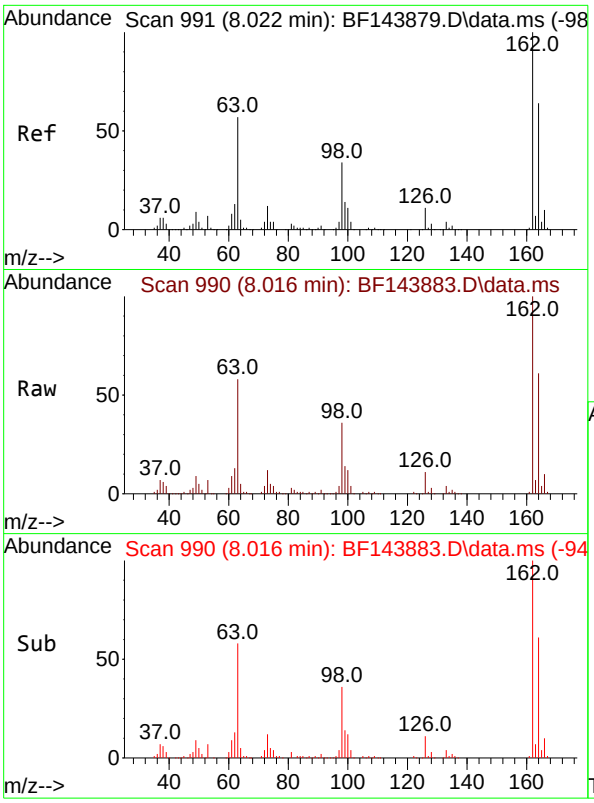


#28
bis(2-Chloroethoxy)methane
Concen: 36.639 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion: 93 Resp: 360632

Ion	Ratio	Lower	Upper
93	100		
95	31.7	25.9	38.9
123	10.8	9.4	14.0



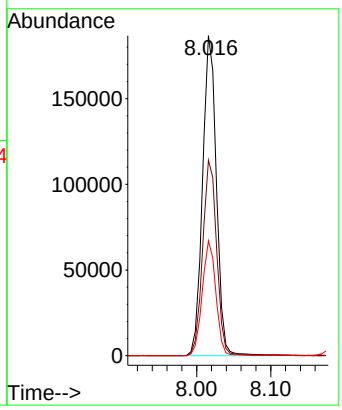


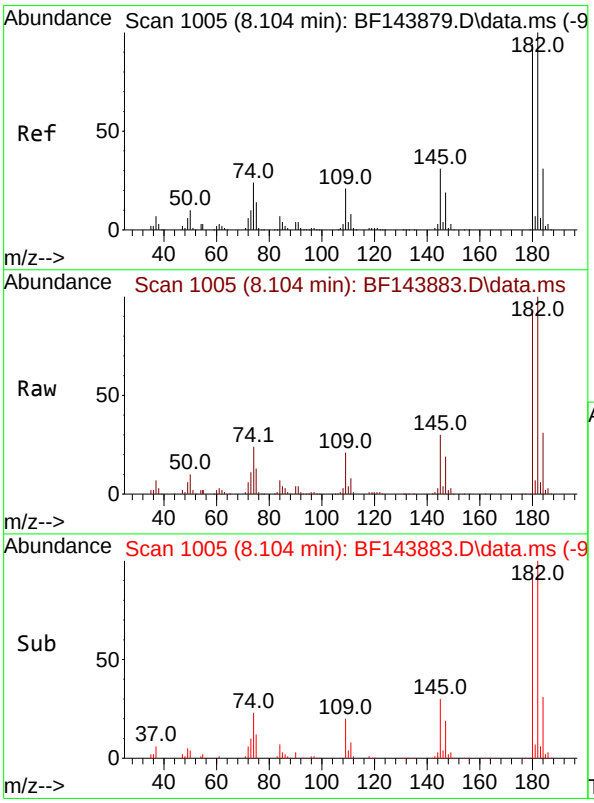
#29
2,4-Dichlorophenol
Concen: 36.899 ng
RT: 8.016 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion:162 Resp: 243265

Ion	Ratio	Lower	Upper
162	100		
164	61.1	43.9	83.9
98	35.9	14.4	54.4

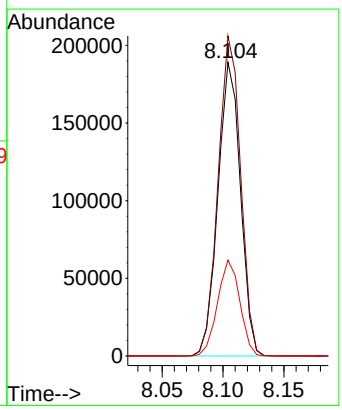


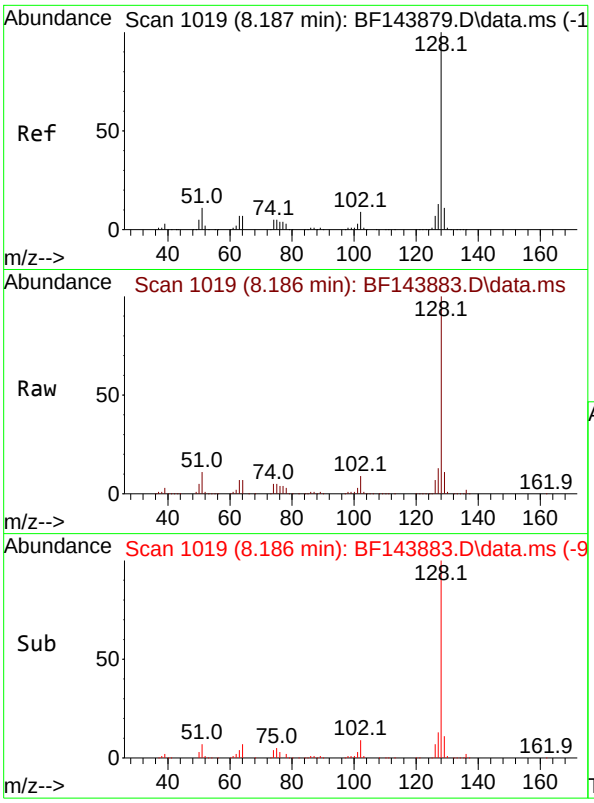


#30
1,2,4-Trichlorobenzene
Concen: 37.503 ng
RT: 8.104 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:180 Resp: 243161

Ion	Ratio	Lower	Upper
180	100		
182	109.0	85.4	128.0
145	32.7	26.3	39.5



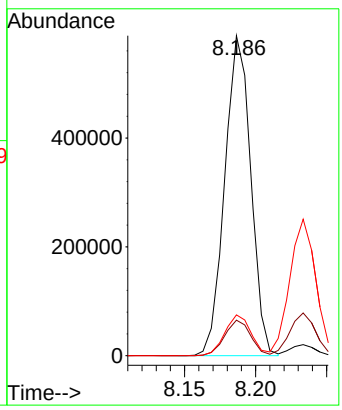


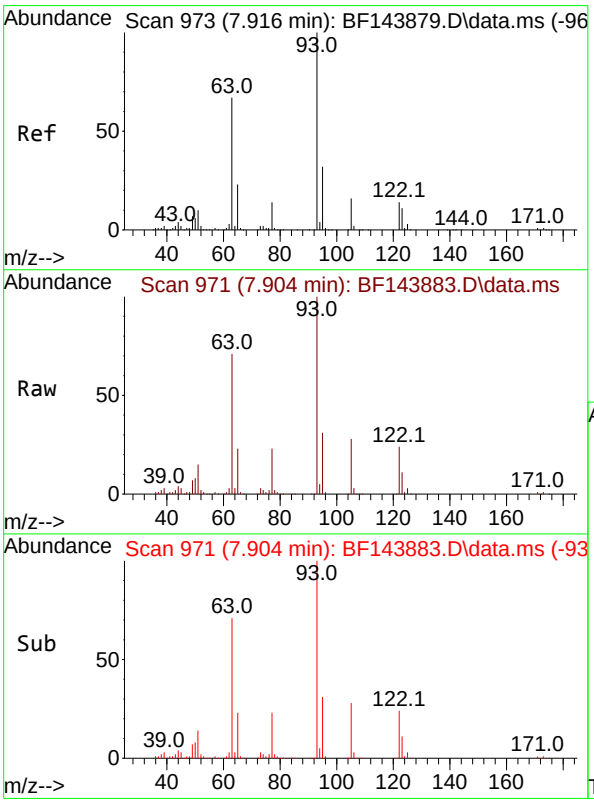
#31
Naphthalene
Concen: 36.679 ng
RT: 8.186 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion:128 Resp: 749110

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	12.8	10.0	15.0

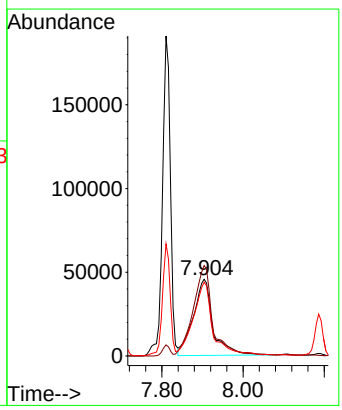


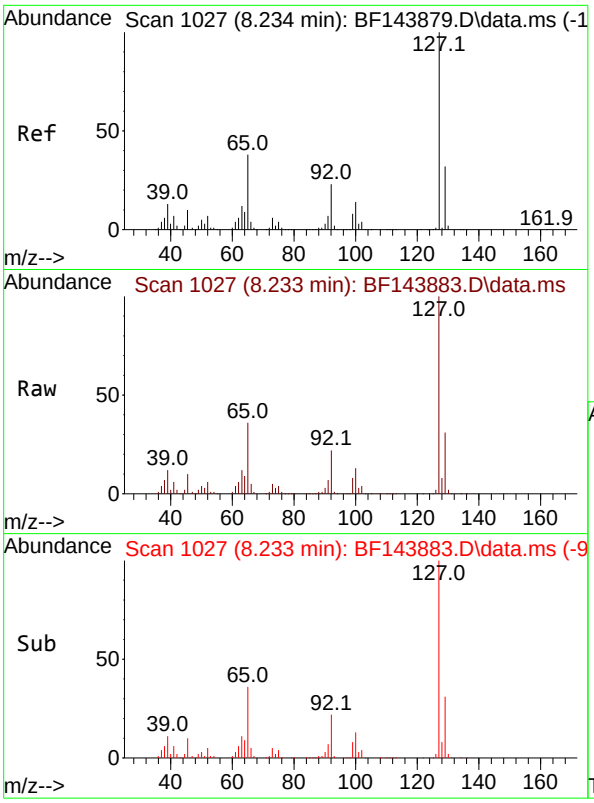


#32
Benzoic acid
Concen: 35.162 ng
RT: 7.904 min Scan# 971
Delta R.T. -0.059 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:122 Resp: 154019

Ion	Ratio	Lower	Upper
122	100		
105	118.0	93.5	133.5
77	96.2	76.3	116.3



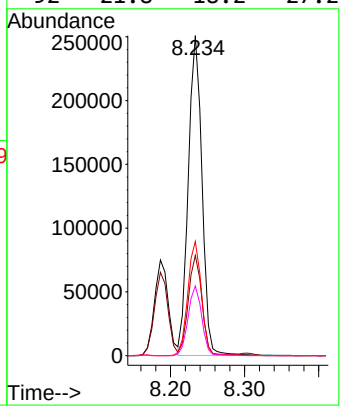


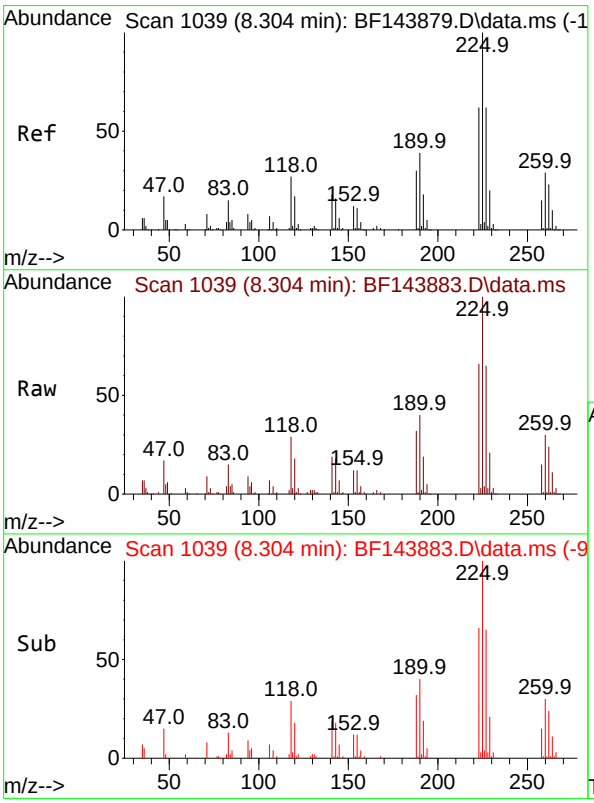
#33
4-Chloroaniline
Concen: 41.950 ng
RT: 8.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion:127 Resp: 321328

Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.8	38.8
65	35.7	30.0	45.0
92	21.8	18.2	27.2

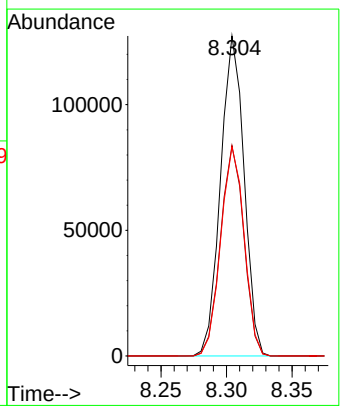


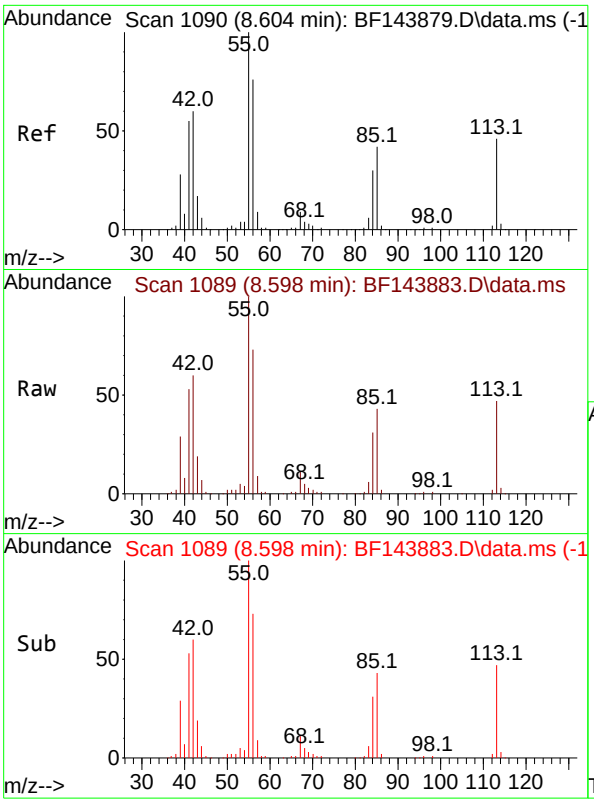


#34
Hexachlorobutadiene
Concen: 35.201 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:225 Resp: 158600

Ion	Ratio	Lower	Upper
225	100		
223	65.7	49.4	74.2
227	65.4	49.7	74.5



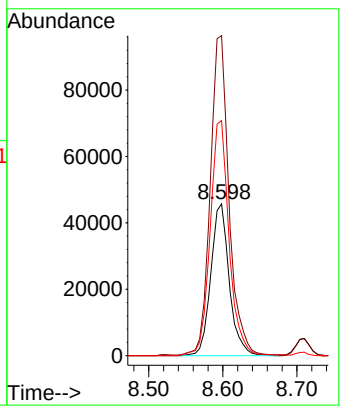


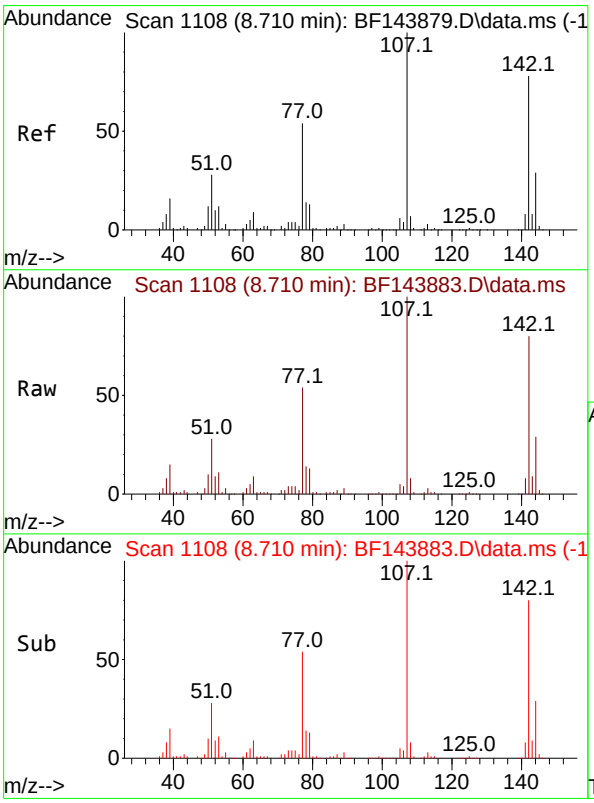
#35
Caprolactam
Concen: 37.736 ng
RT: 8.598 min Scan# 1
Delta R.T. -0.047 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion:113 Resp: 79102

Ion	Ratio	Lower	Upper
113	100		
55	210.6	199.6	239.6
56	154.8	146.0	186.0

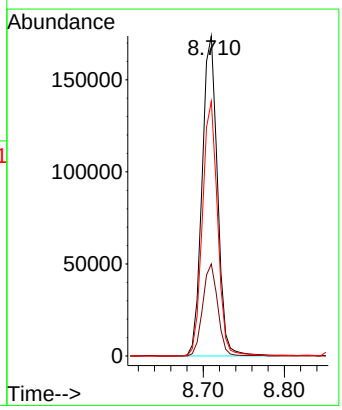


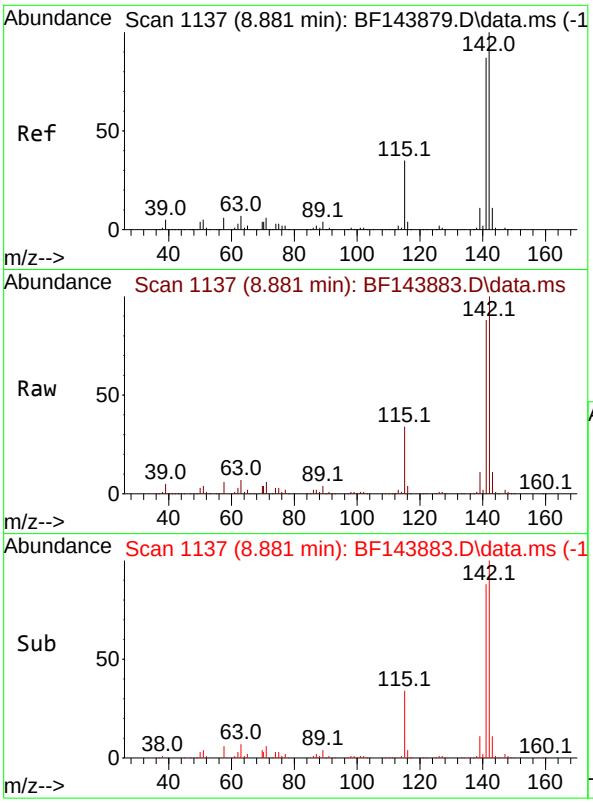


#36
4-Chloro-3-methylphenol
Concen: 36.079 ng
RT: 8.710 min Scan# 1108
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:107 Resp: 228481

Ion	Ratio	Lower	Upper
107	100		
144	28.8	23.1	34.7
142	79.6	62.6	94.0



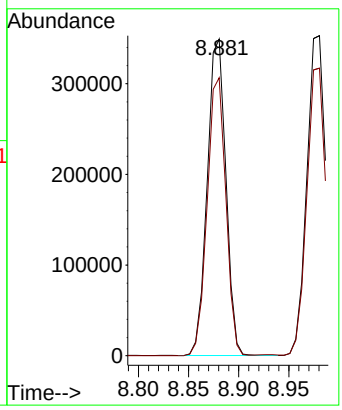


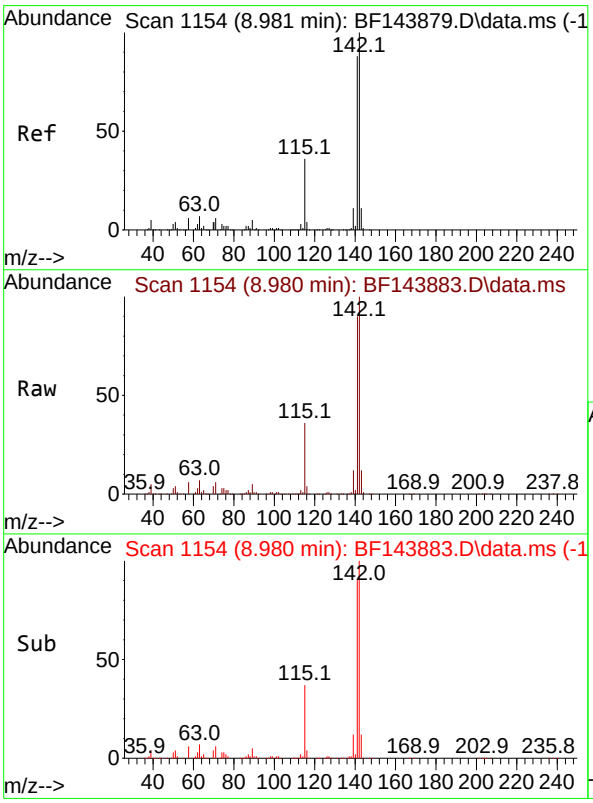
#37
2-Methylnaphthalene
Concen: 33.257 ng
RT: 8.881 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion:142 Resp: 452442

Ion	Ratio	Lower	Upper
142	100		
141	87.8	69.2	103.8

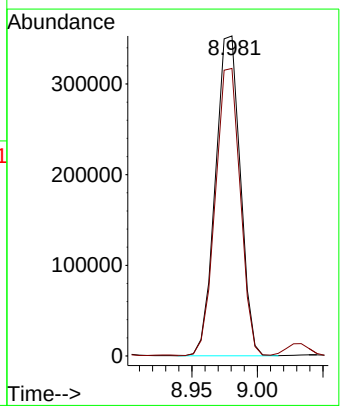


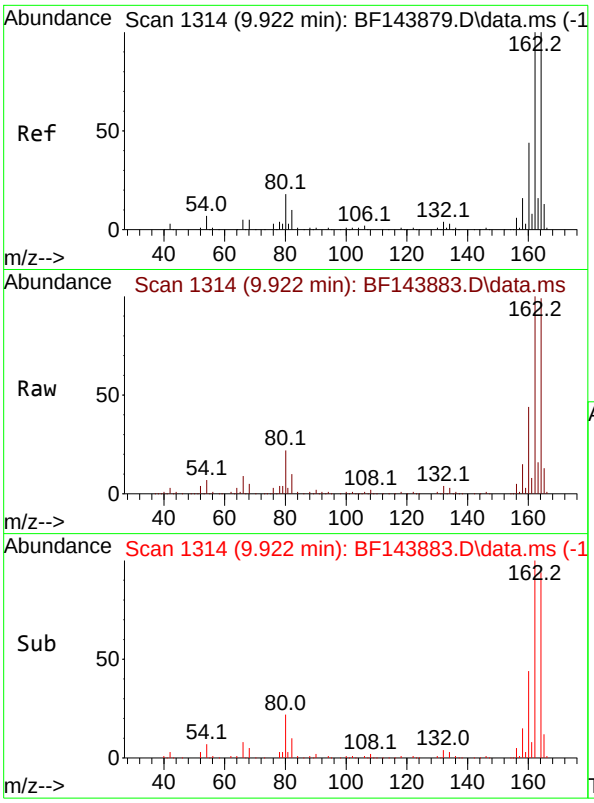


#38
1-Methylnaphthalene
Concen: 35.269 ng
RT: 8.980 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:142 Resp: 465414

Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.8	106.2



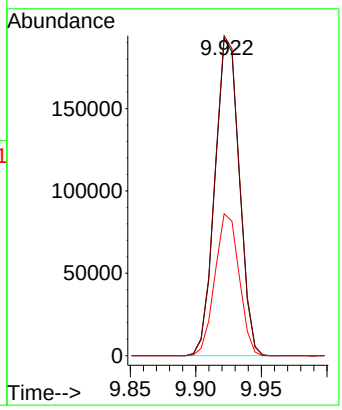


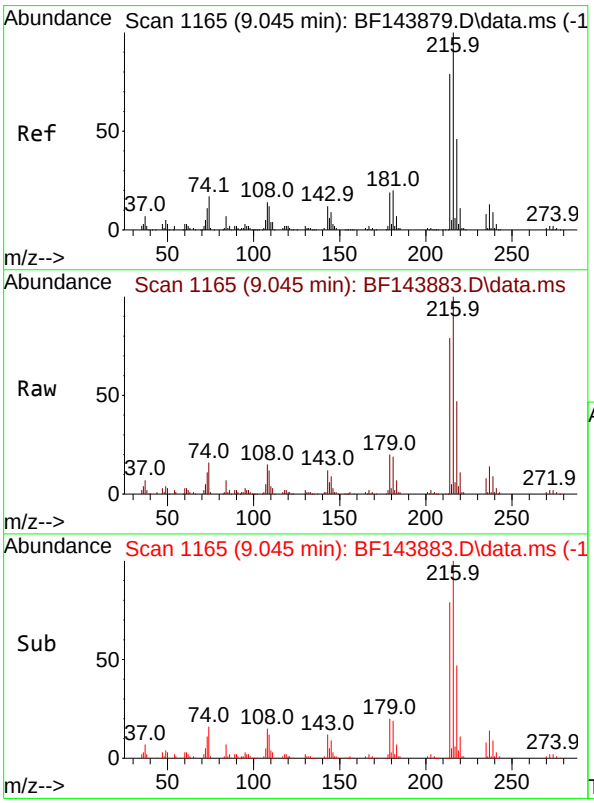
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1
Delta R.T. -0.005 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion:164 Resp: 247780

Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.2	120.2
160	44.7	35.4	53.0

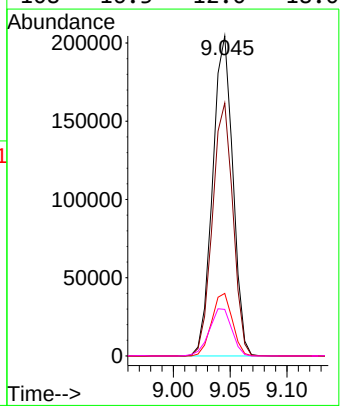


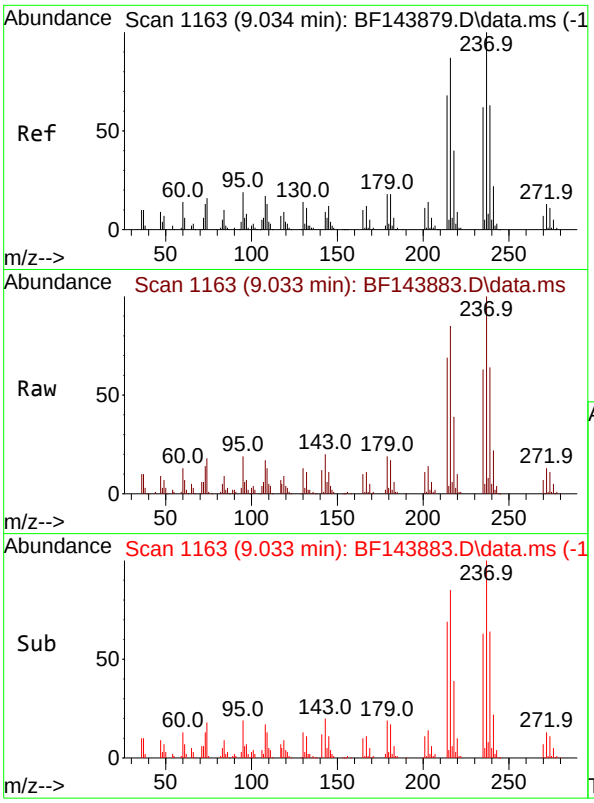


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.122 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:216 Resp: 254223

Ion	Ratio	Lower	Upper
216	100		
214	79.7	62.6	94.0
179	19.9	15.4	23.0
108	16.3	12.0	18.0



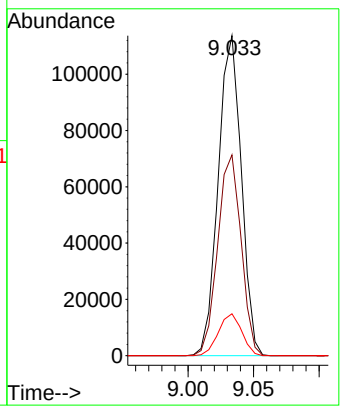


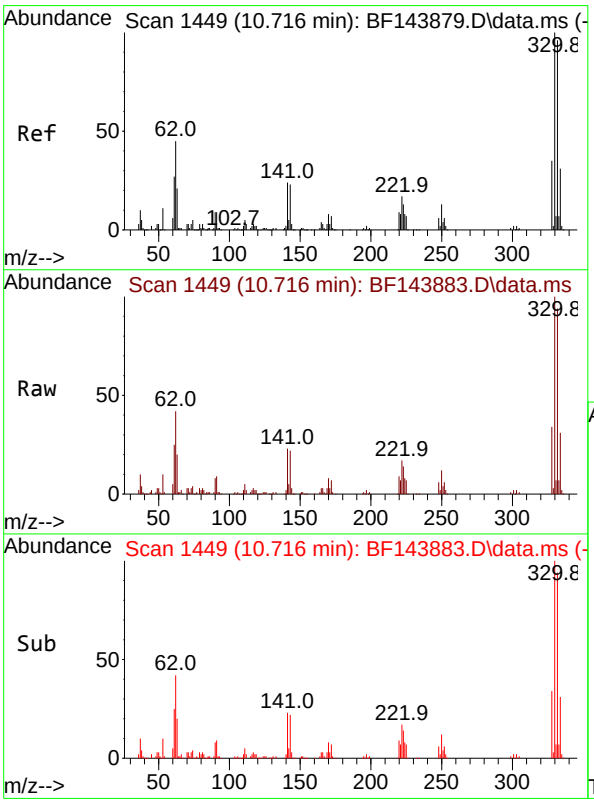
#41
Hexachlorocyclopentadiene
Concen: 48.984 ng
RT: 9.033 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion:237 Resp: 139168

Ion	Ratio	Lower	Upper
237	100		
235	62.8	42.3	82.3
272	13.1	0.0	33.1

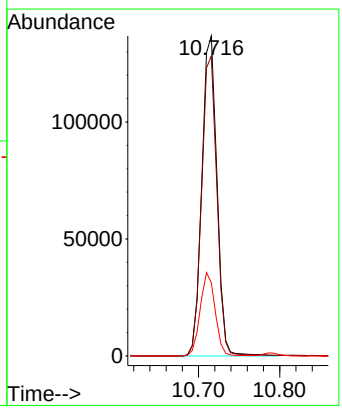


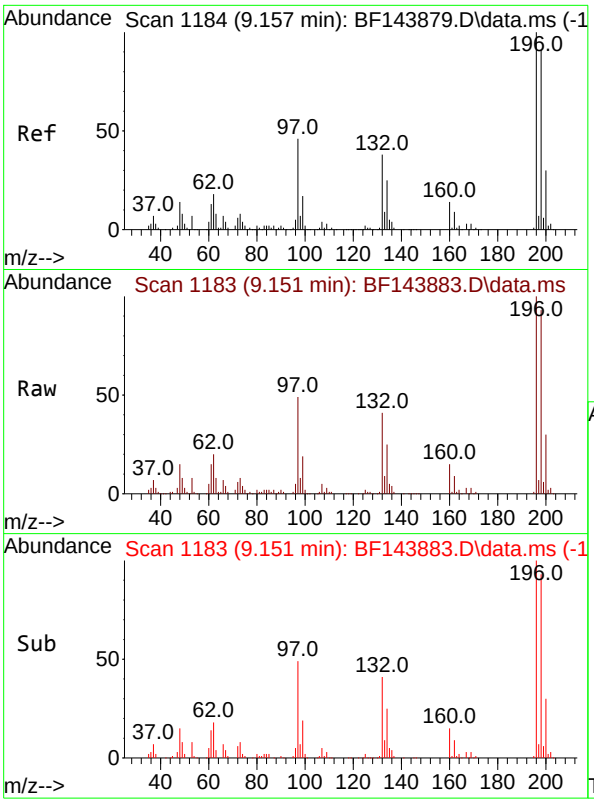


#42
2,4,6-Tribromophenol
Concen: 71.685 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:330 Resp: 176914

Ion	Ratio	Lower	Upper
330	100		
332	94.3	76.9	115.3
141	25.8	20.2	30.4



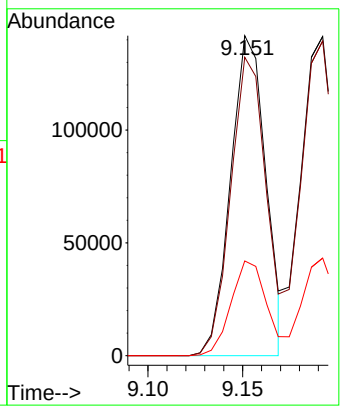


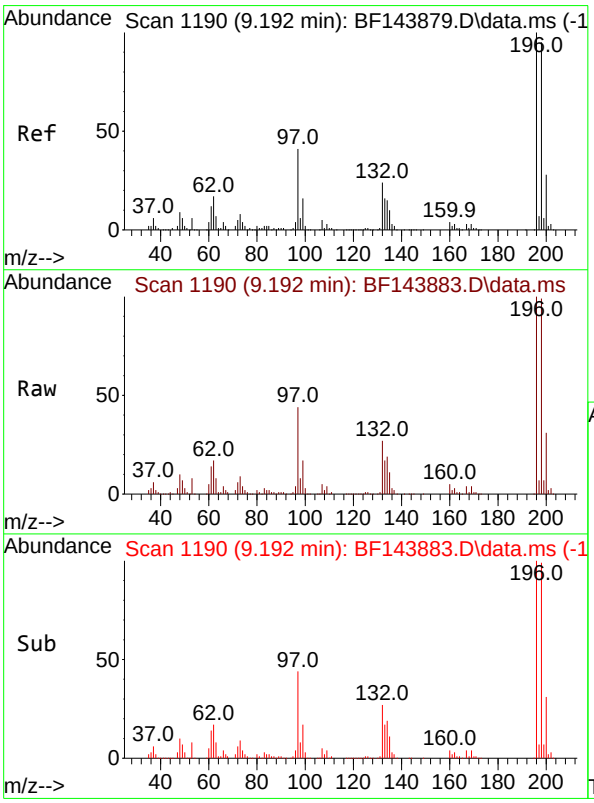
#43
2,4,6-Trichlorophenol
Concen: 36.726 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion:196 Resp: 183769

Ion	Ratio	Lower	Upper
196	100		
198	93.3	72.8	109.2
200	29.6	24.0	36.0

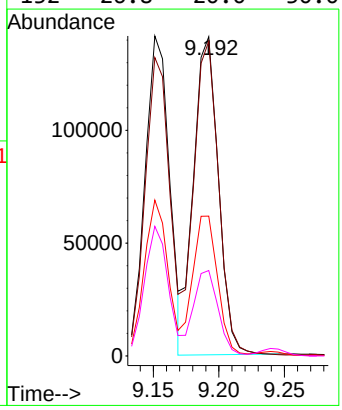


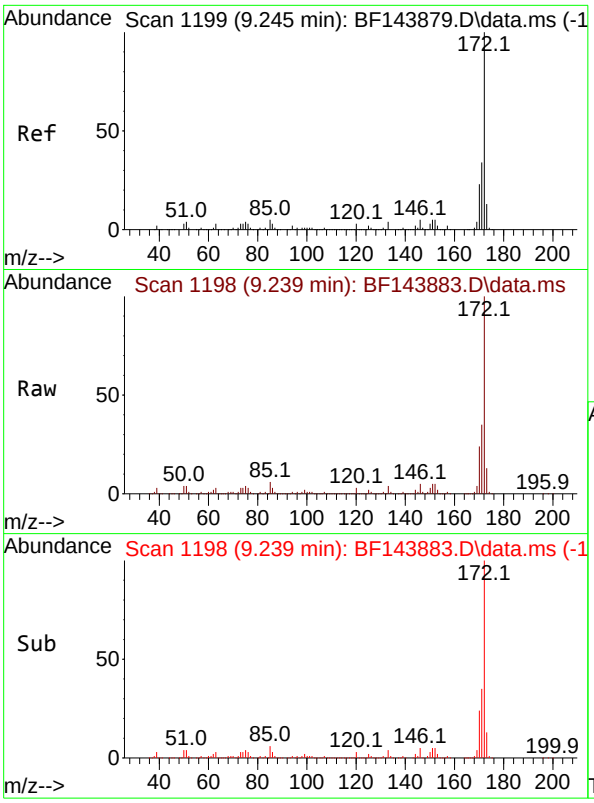


#44
2,4,5-Trichlorophenol
Concen: 35.194 ng
RT: 9.192 min Scan# 1190
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:196 Resp: 186099

Ion	Ratio	Lower	Upper
196	100		
198	98.6	75.5	113.3
97	43.8	33.9	50.9
132	26.8	20.0	30.0



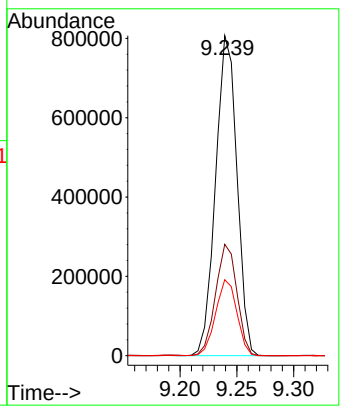


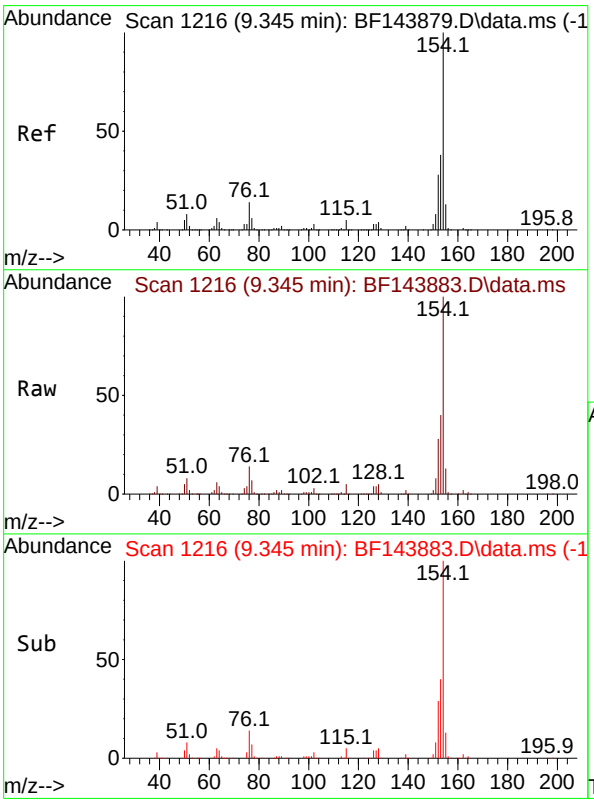
#45
2-Fluorobiphenyl
Concen: 67.621 ng
RT: 9.239 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion:172 Resp: 1055942

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.4	41.0
170	23.8	18.6	28.0

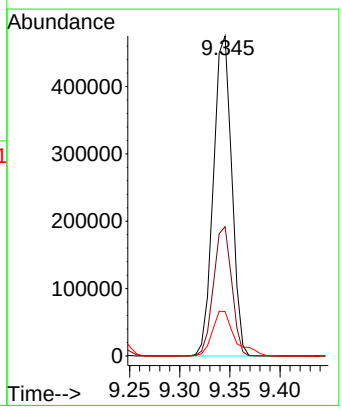


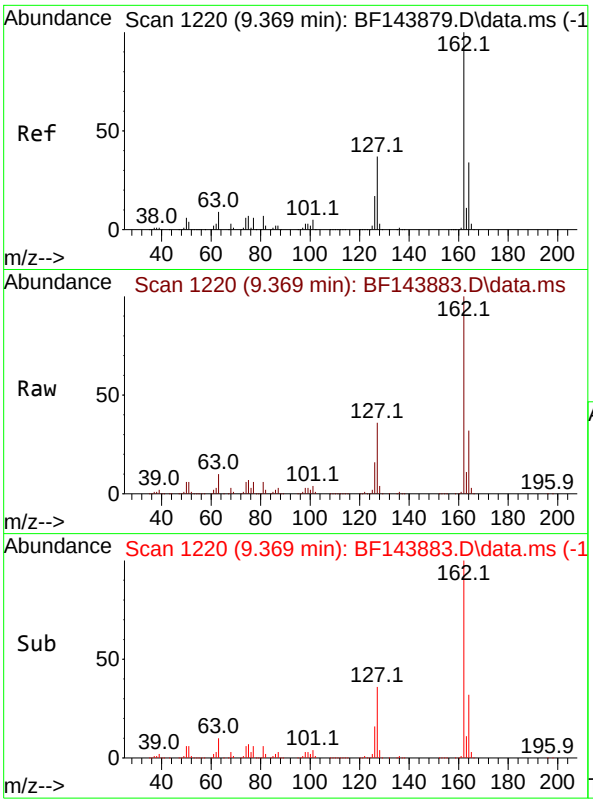


#46
1,1'-Biphenyl
Concen: 36.770 ng
RT: 9.345 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:154 Resp: 603213

Ion	Ratio	Lower	Upper
154	100		
153	40.4	18.4	58.4
76	13.9	0.0	34.0



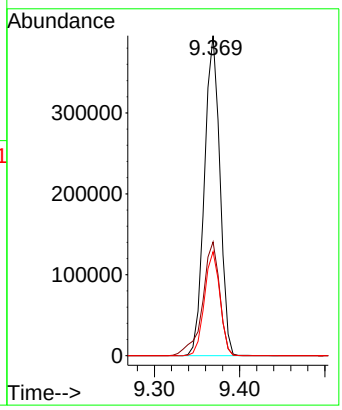


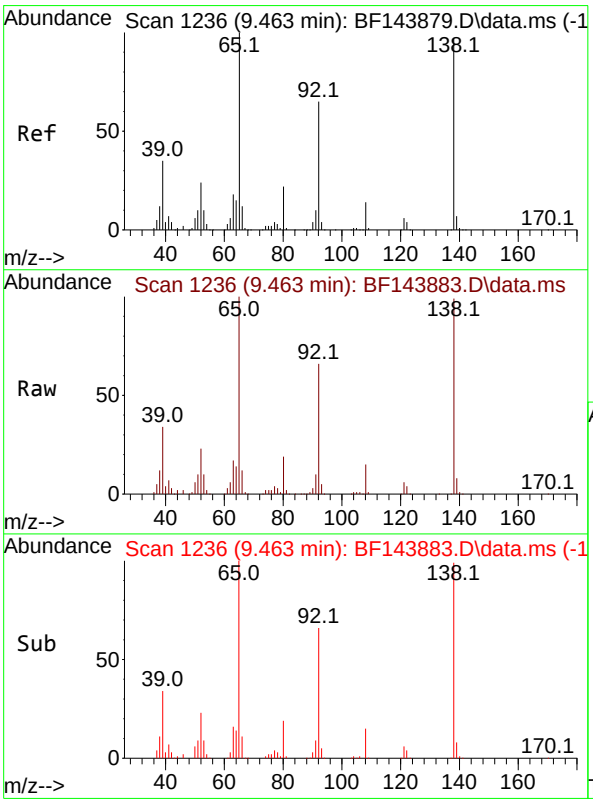
#47
2-Chloronaphthalene
Concen: 36.454 ng
RT: 9.369 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion:162 Resp: 498615

Ion	Ratio	Lower	Upper
162	100		
127	35.6	30.2	45.2
164	32.5	26.9	40.3

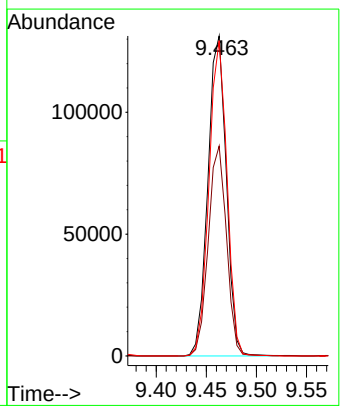


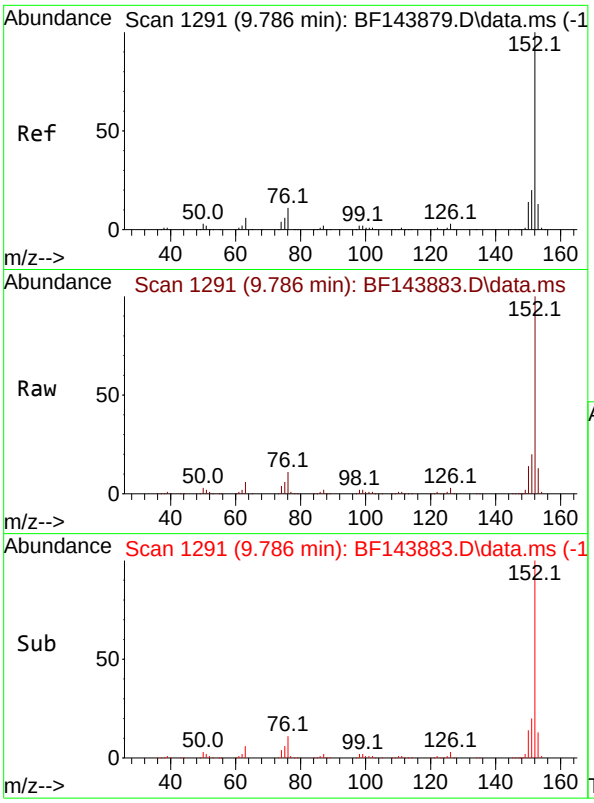


#48
2-Nitroaniline
Concen: 38.894 ng
RT: 9.463 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion: 65 Resp: 168191

Ion	Ratio	Lower	Upper
65	100		
92	65.6	52.1	78.1
138	98.5	77.4	116.2



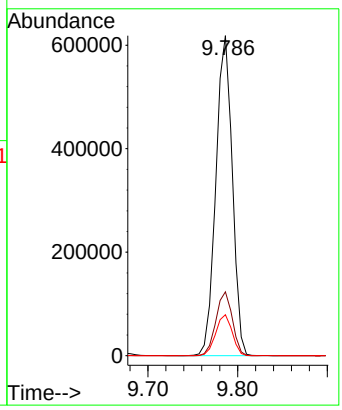


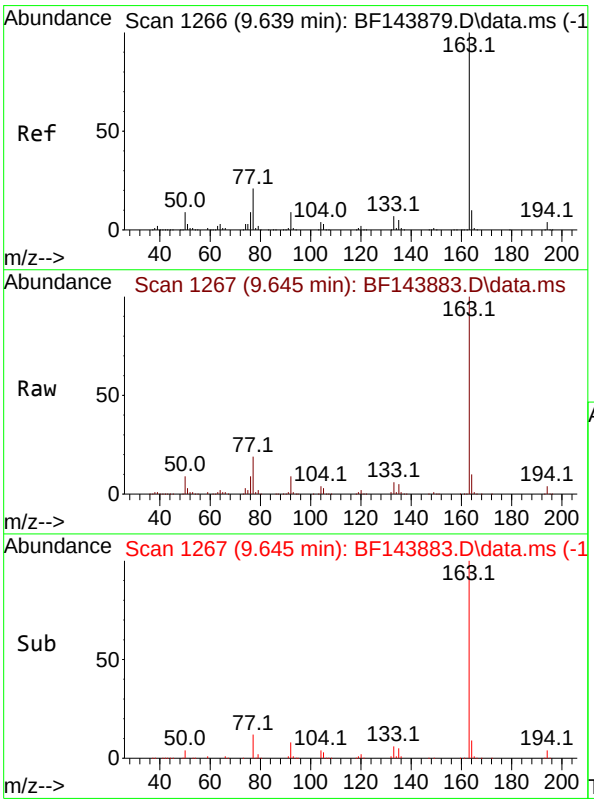
#49
Acenaphthylene
Concen: 40.859 ng
RT: 9.786 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion:152 Resp: 785697

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.6
153	12.8	10.5	15.7

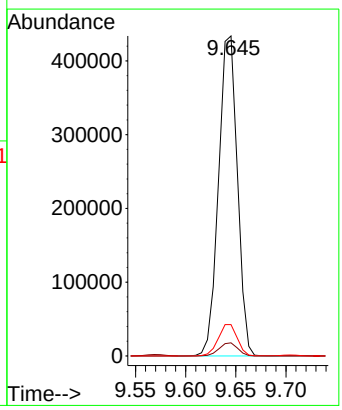


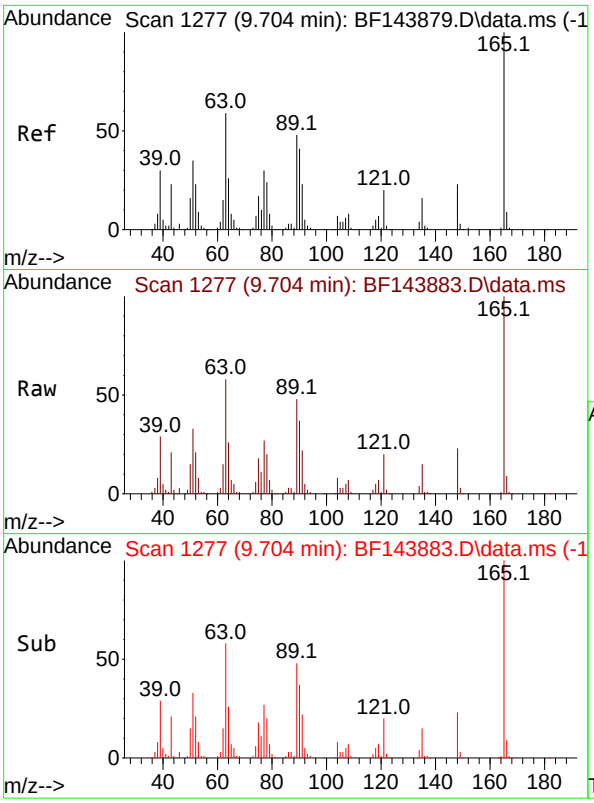


#50
Dimethylphthalate
Concen: 35.968 ng
RT: 9.645 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:163 Resp: 565953

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	9.8	8.1	12.1



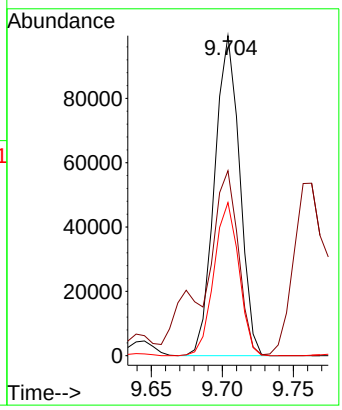


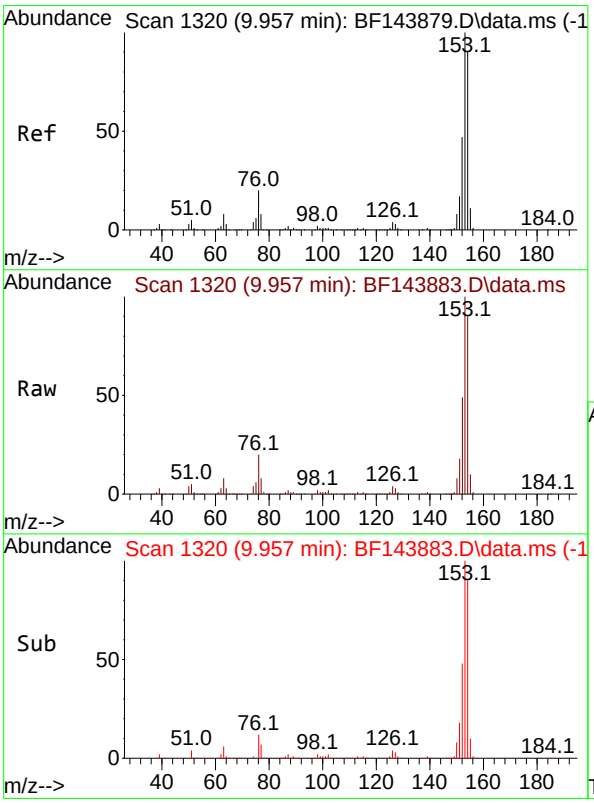
#51
2,6-Dinitrotoluene
Concen: 41.967 ng
RT: 9.704 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion:165 Resp: 122449

Ion	Ratio	Lower	Upper
165	100		
63	57.8	47.3	70.9
89	47.8	38.2	57.4

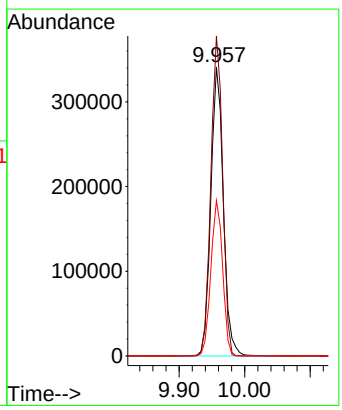


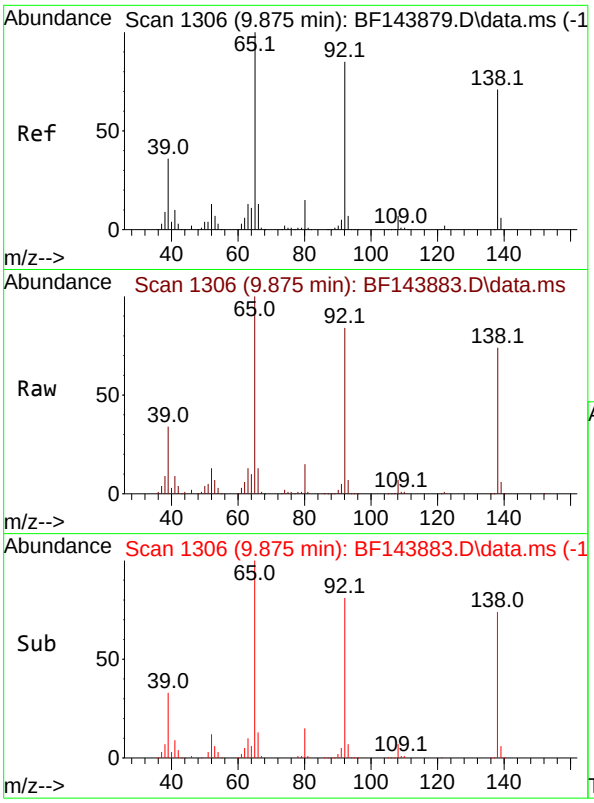


#52
Acenaphthene
Concen: 35.913 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:154 Resp: 452513

Ion	Ratio	Lower	Upper
154	100		
153	110.8	89.3	133.9
152	53.8	42.2	63.2



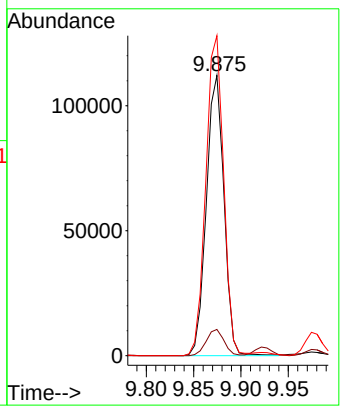


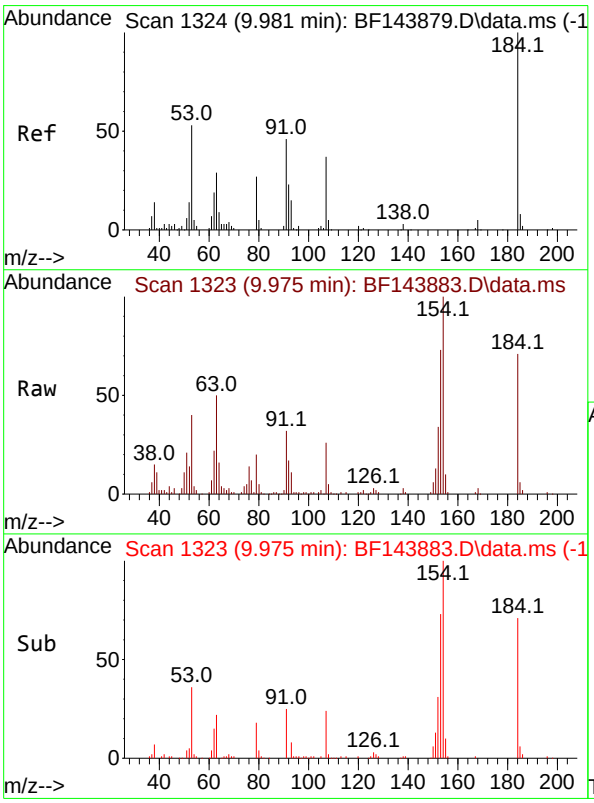
#53
3-Nitroaniline
Concen: 40.493 ng
RT: 9.875 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion:138 Resp: 144668

Ion	Ratio	Lower	Upper
138	100		
108	9.3	8.3	12.5
92	114.2	96.2	144.2

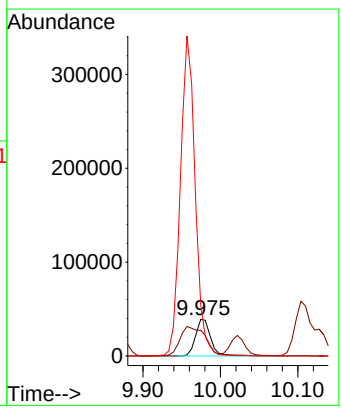


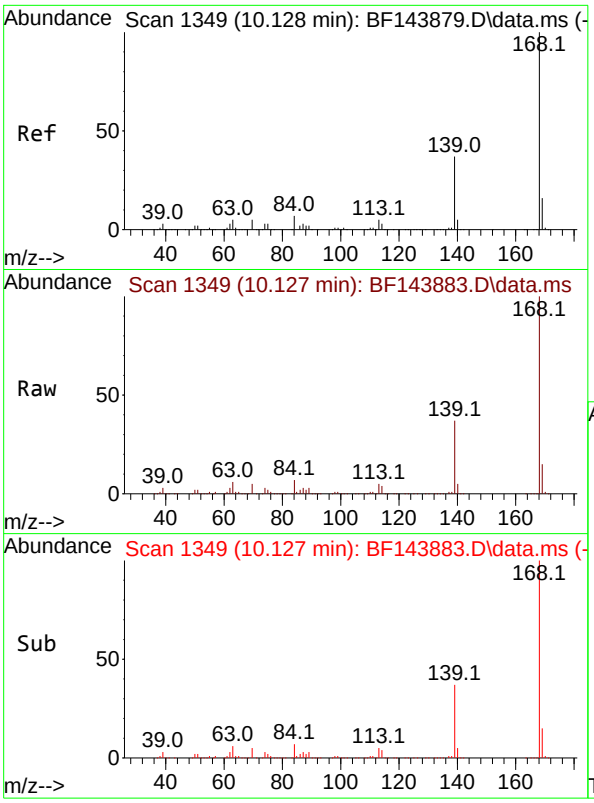


#54
2,4-Dinitrophenol
Concen: 33.731 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.011 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:184 Resp: 52796

Ion	Ratio	Lower	Upper
184	100		
63	70.0	48.2	72.4
154	140.2	49.2	73.8#



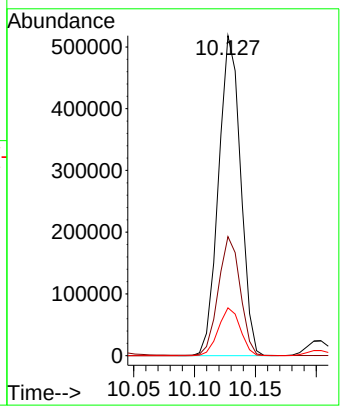


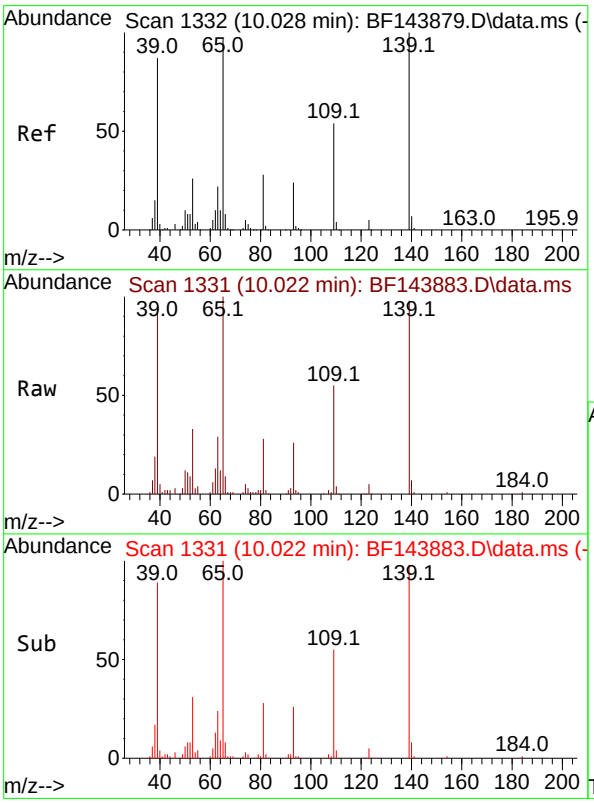
#55
Dibenzofuran
Concen: 36.717 ng
RT: 10.127 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion:168 Resp: 653073

Ion	Ratio	Lower	Upper
168	100		
139	37.2	29.8	44.8
169	15.0	12.8	19.2

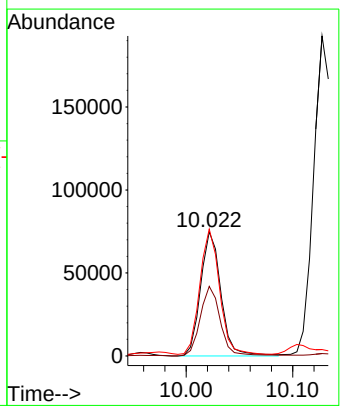


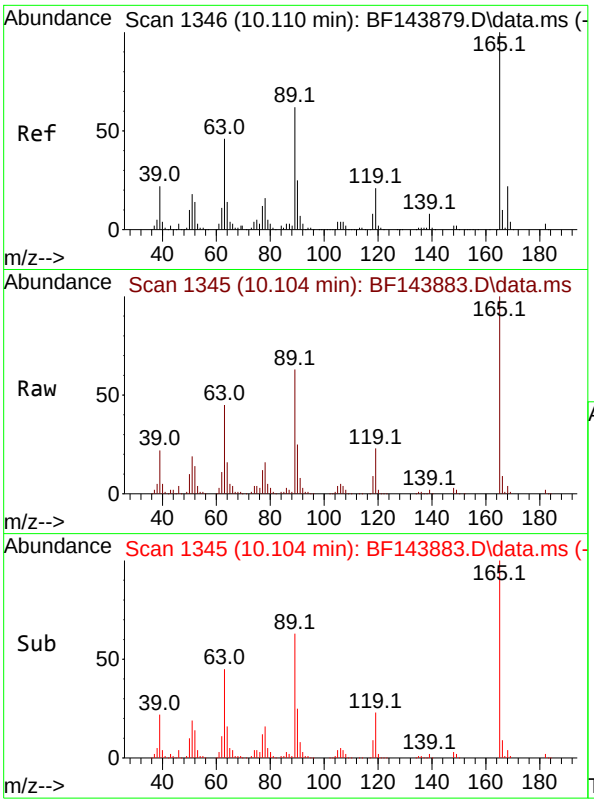


#56
4-Nitrophenol
Concen: 36.850 ng
RT: 10.022 min Scan# 1331
Delta R.T. -0.017 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:139 Resp: 99684

Ion	Ratio	Lower	Upper
139	100		
109	56.0	34.5	74.5
65	102.2	77.6	117.6



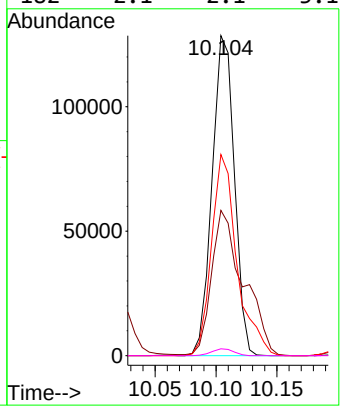


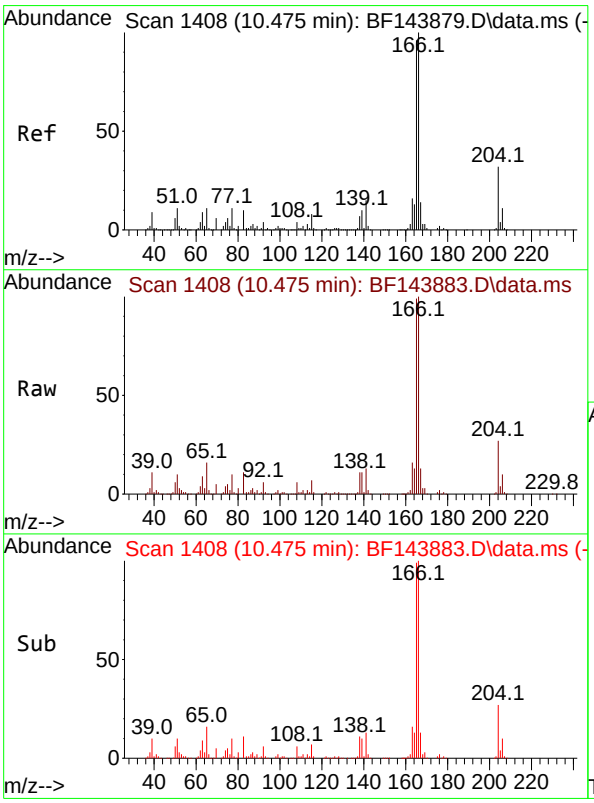
#57
2,4-Dinitrotoluene
Concen: 41.169 ng
RT: 10.104 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion:165 Resp: 163440

Ion	Ratio	Lower	Upper
165	100		
63	45.4	37.2	55.8
89	62.8	49.4	74.2
182	2.1	2.1	3.1

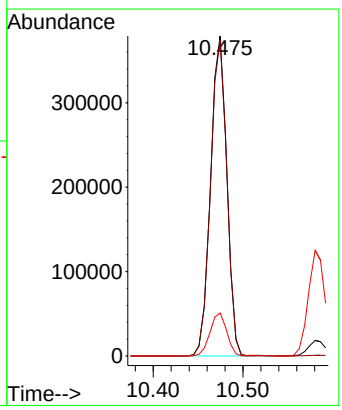


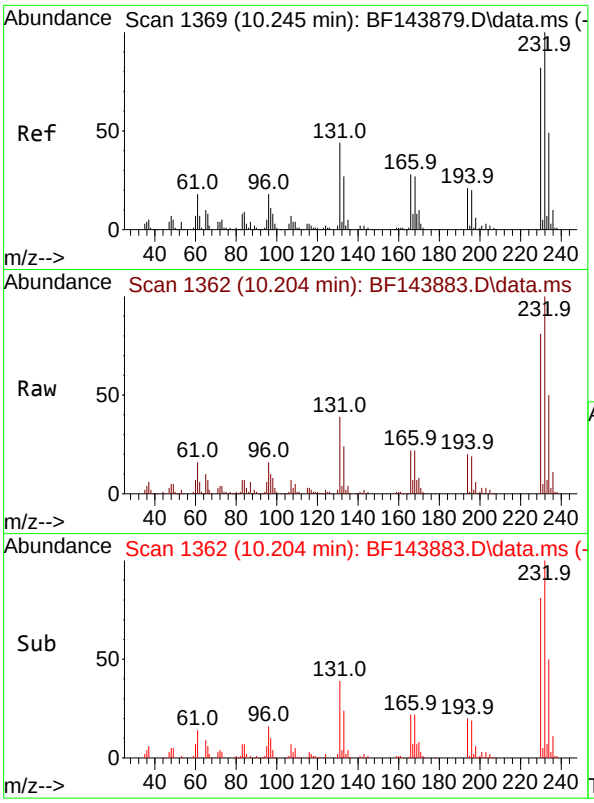


#58
Fluorene
Concen: 35.527 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:166 Resp: 476811

Ion	Ratio	Lower	Upper
166	100		
165	98.7	77.0	115.6
167	13.4	11.1	16.7



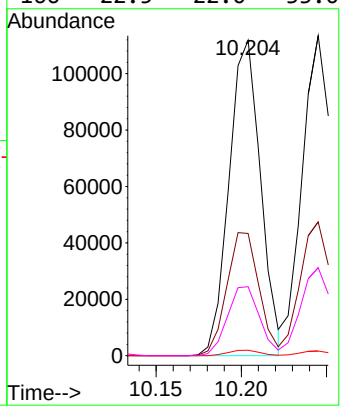


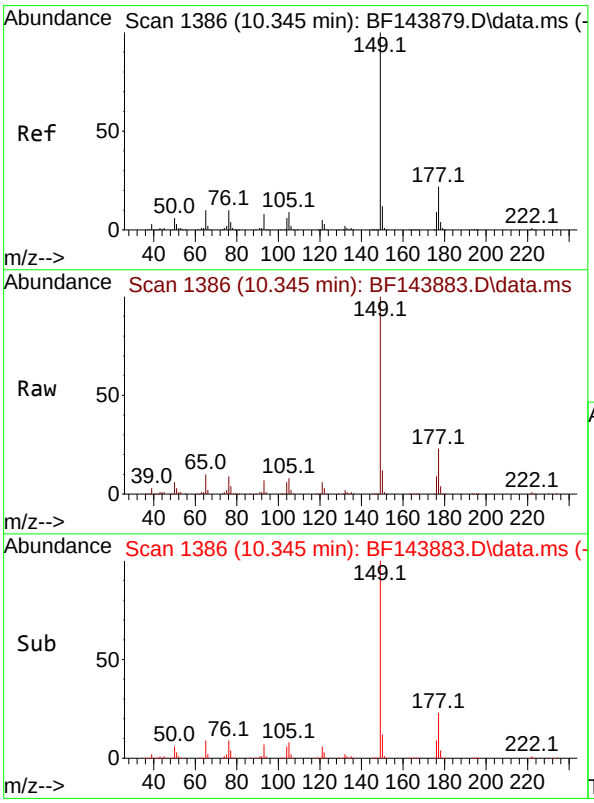
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.488 ng
RT: 10.204 min Scan# 1
Delta R.T. -0.047 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion:232 Resp: 144064

Ion	Ratio	Lower	Upper
232	100		
131	40.0	34.9	52.3
130	1.8	1.6	2.4
166	22.5	22.0	33.0

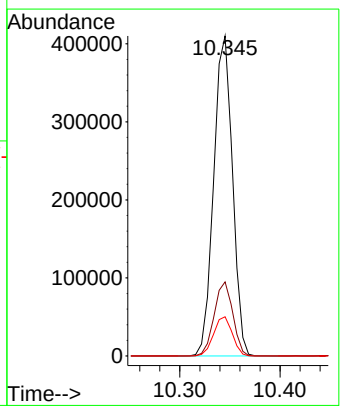


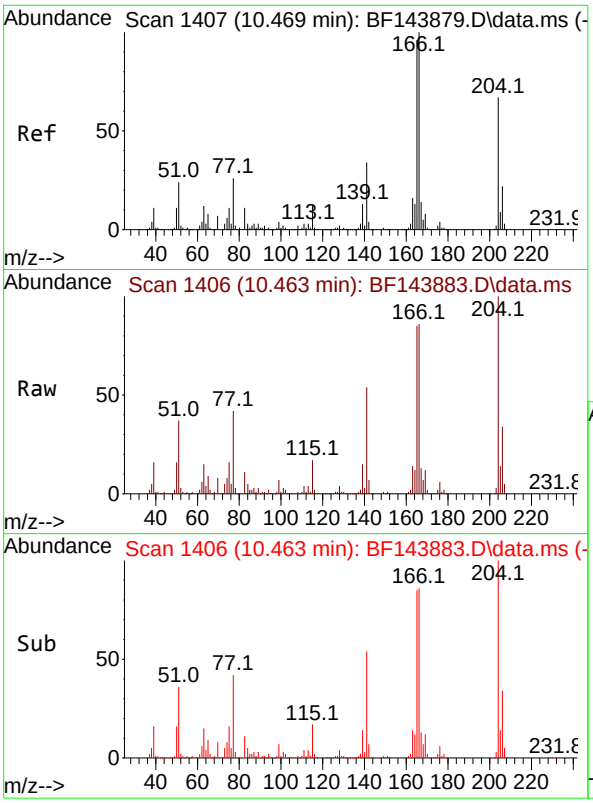


#60
Diethylphthalate
Concen: 36.501 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:149 Resp: 533574

Ion	Ratio	Lower	Upper
149	100		
177	23.1	17.9	26.9
150	12.3	9.8	14.8



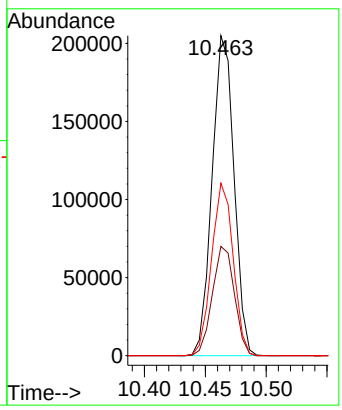


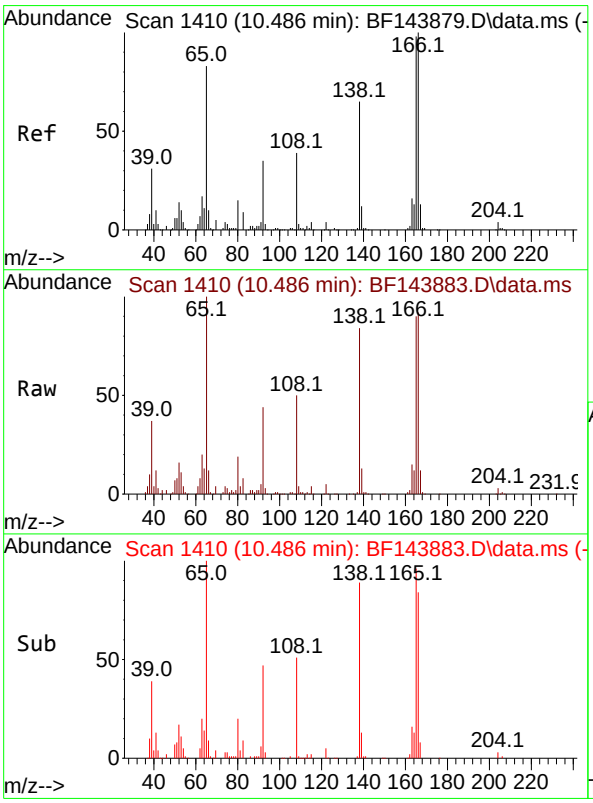
#61
4-Chlorophenyl-phenylether
Concen: 36.113 ng
RT: 10.463 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion:204 Resp: 256247

Ion	Ratio	Lower	Upper
204	100		
206	34.1	26.6	40.0
141	53.9	40.4	60.6

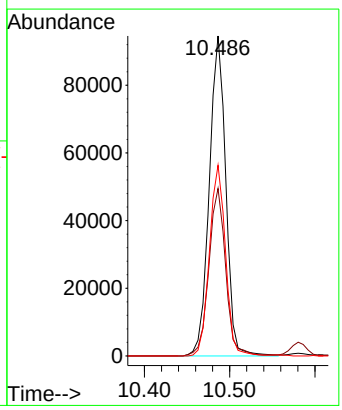


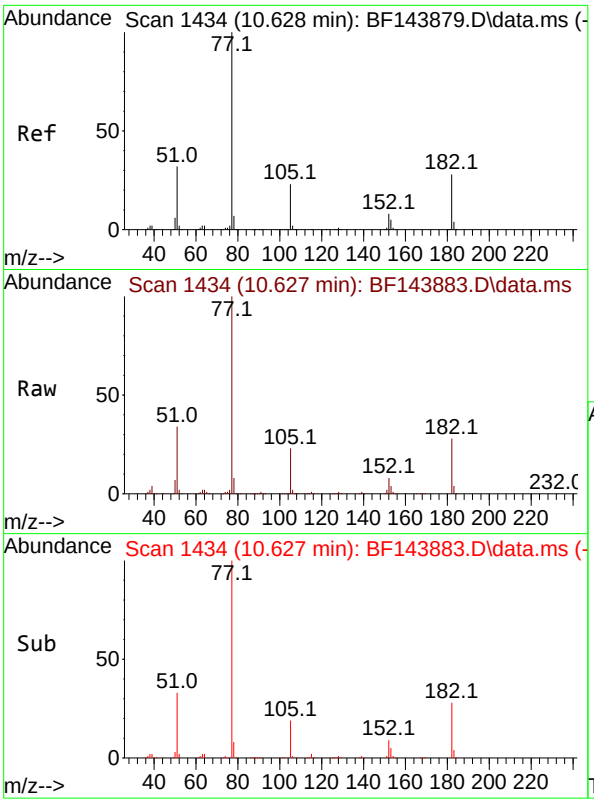


#62
4-Nitroaniline
Concen: 37.074 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.023 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:138 Resp: 127369

Ion	Ratio	Lower	Upper
138	100		
92	52.4	33.9	73.9
108	59.6	40.2	80.2



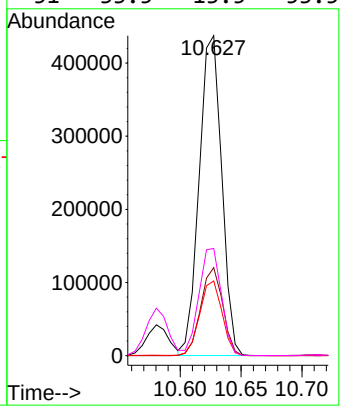


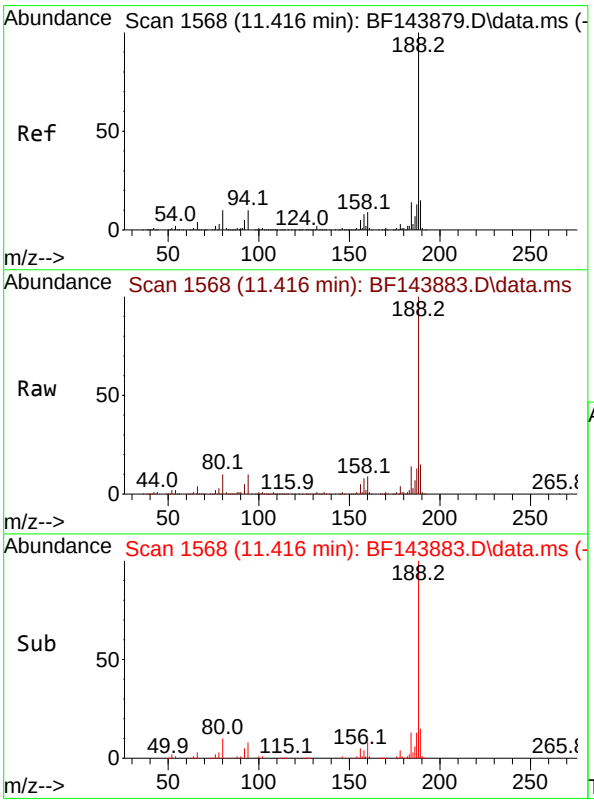
#63
Azobenzene
Concen: 36.837 ng
RT: 10.627 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion: 77 Resp: 562787

Ion	Ratio	Lower	Upper
77	100		
182	27.5	7.3	47.3
105	23.3	3.0	43.0
51	33.5	13.5	53.5

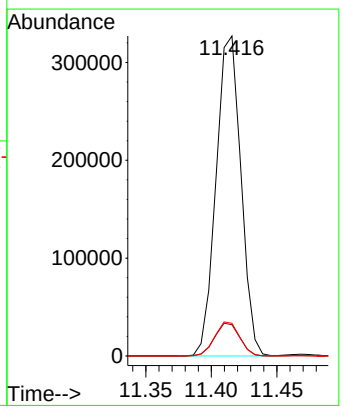


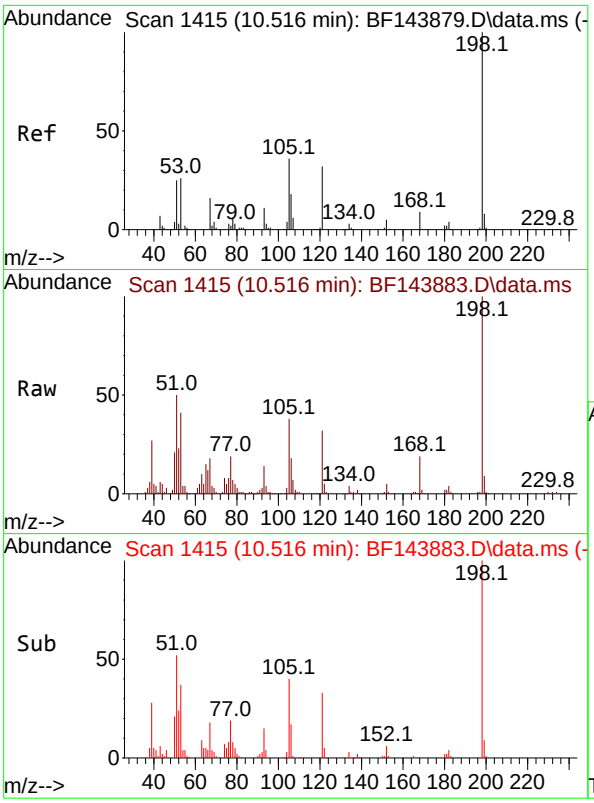


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:188 Resp: 431562

Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.8	11.6
80	10.2	7.9	11.9



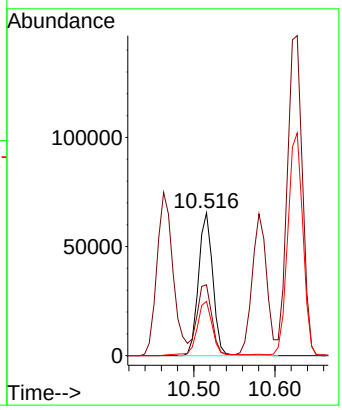


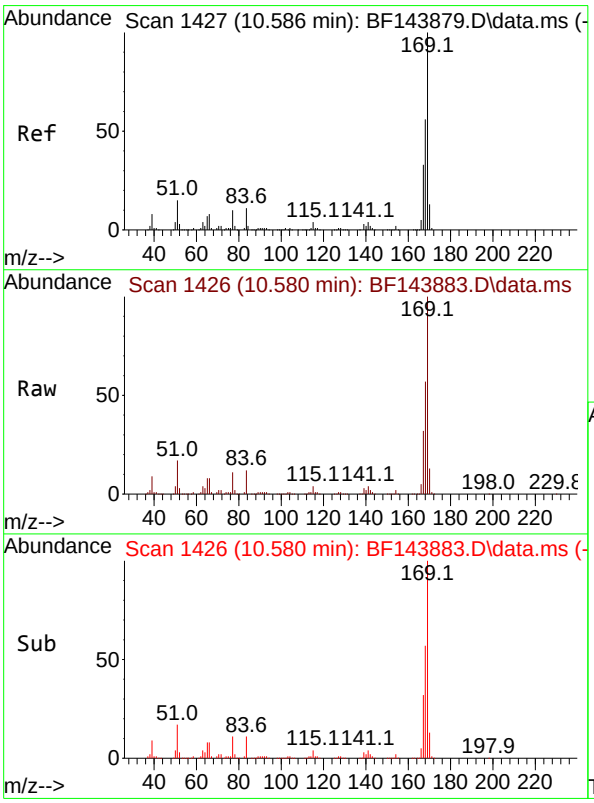
#65
4,6-Dinitro-2-methylphenol
Concen: 37.083 ng
RT: 10.516 min Scan# 14
Delta R.T. -0.018 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion:198 Resp: 80422

Ion	Ratio	Lower	Upper
198	100		
51	49.7	33.8	73.8
105	37.9	17.0	57.0

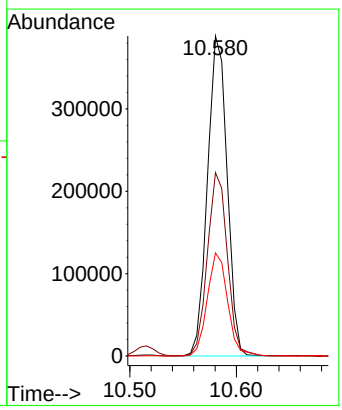


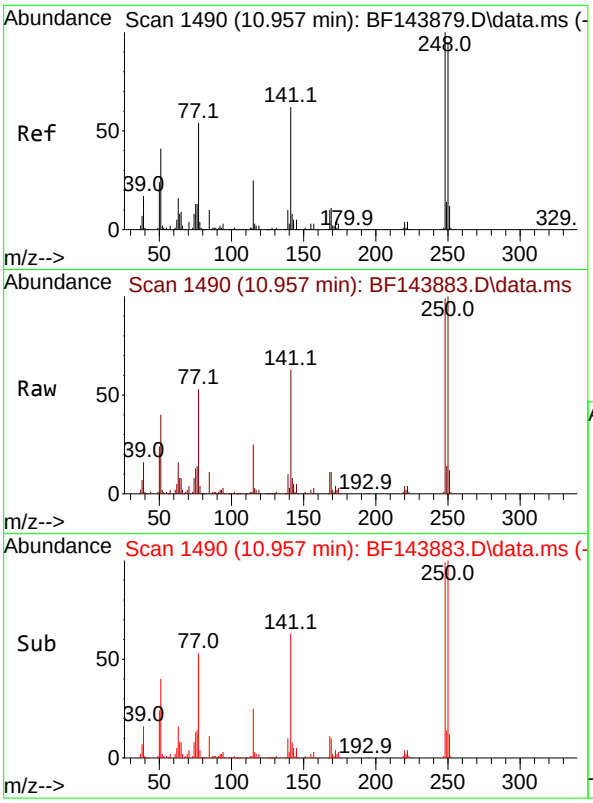


#66
n-Nitrosodiphenylamine
Concen: 36.649 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:169 Resp: 496618

Ion	Ratio	Lower	Upper
169	100		
168	57.3	44.9	67.3
167	32.2	26.3	39.5



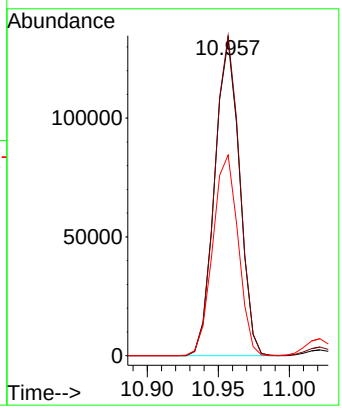


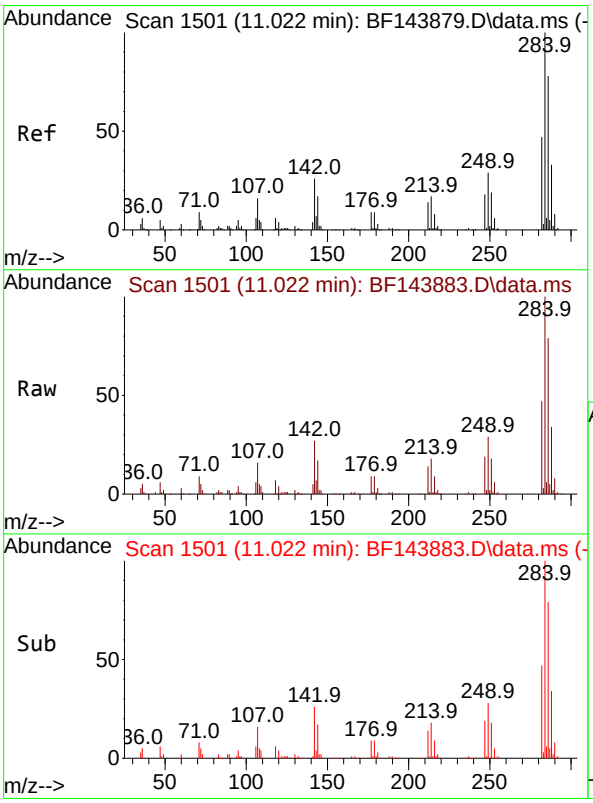
#67
4-Bromophenyl-phenylether
Concen: 33.973 ng
RT: 10.957 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion:248 Resp: 162033

Ion	Ratio	Lower	Upper
248	100		
250	101.4	76.3	114.5
141	63.6	49.7	74.5

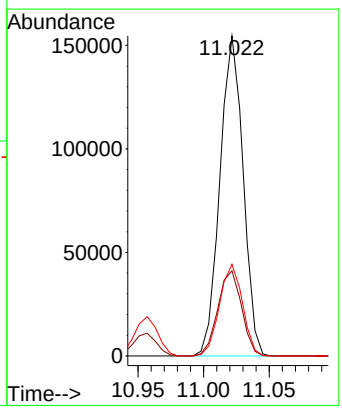


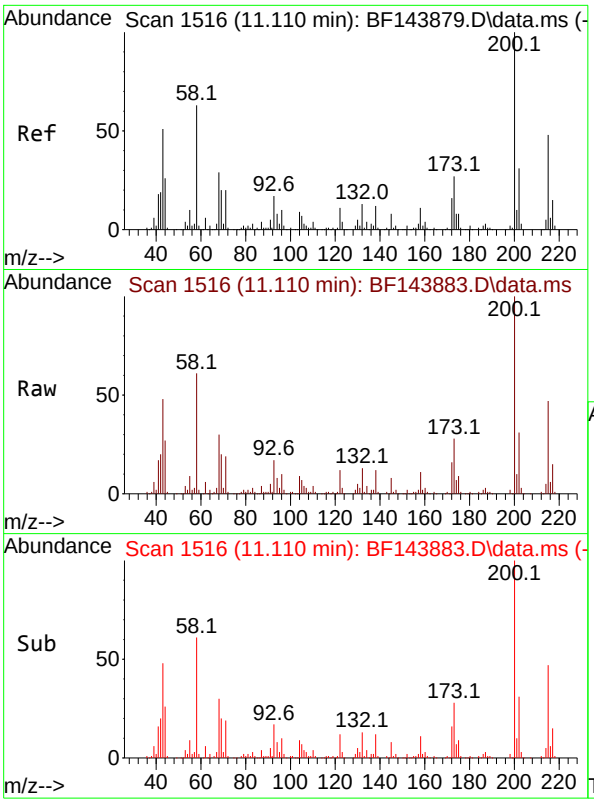


#68
Hexachlorobenzene
Concen: 34.415 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:284 Resp: 190028

Ion	Ratio	Lower	Upper
284	100		
142	26.6	20.6	30.8
249	28.7	23.2	34.8



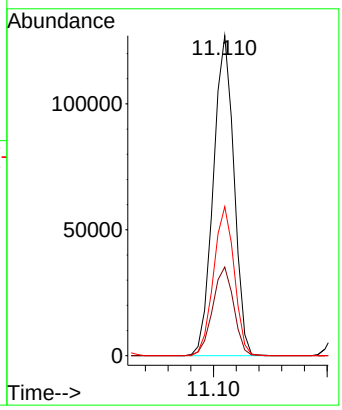


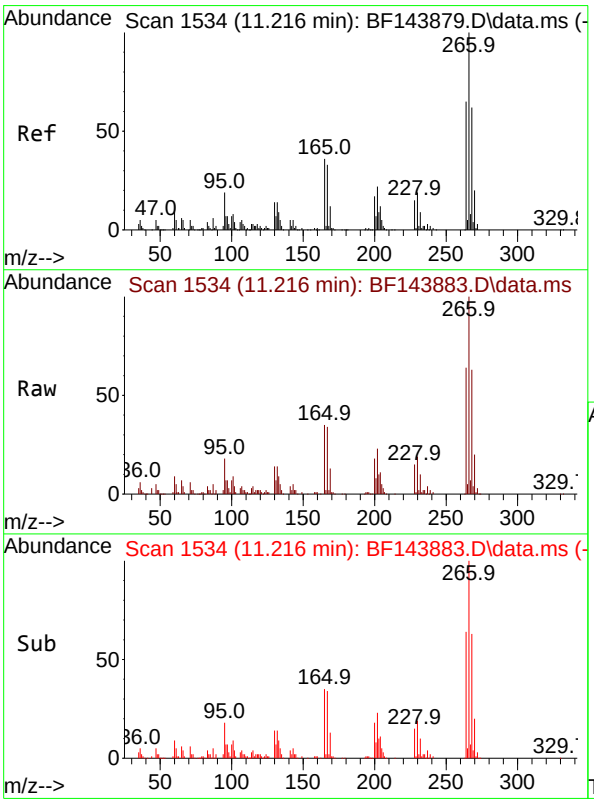
#69
Atrazine
Concen: 39.016 ng
RT: 11.110 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion:200 Resp: 160244

Ion	Ratio	Lower	Upper
200	100		
173	27.7	7.0	47.0
215	46.6	27.8	67.8

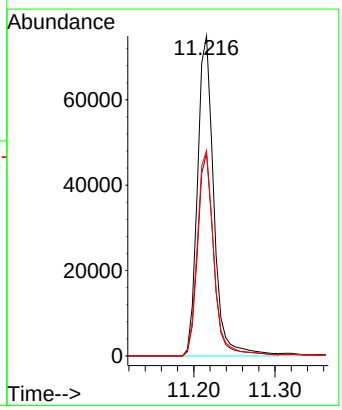


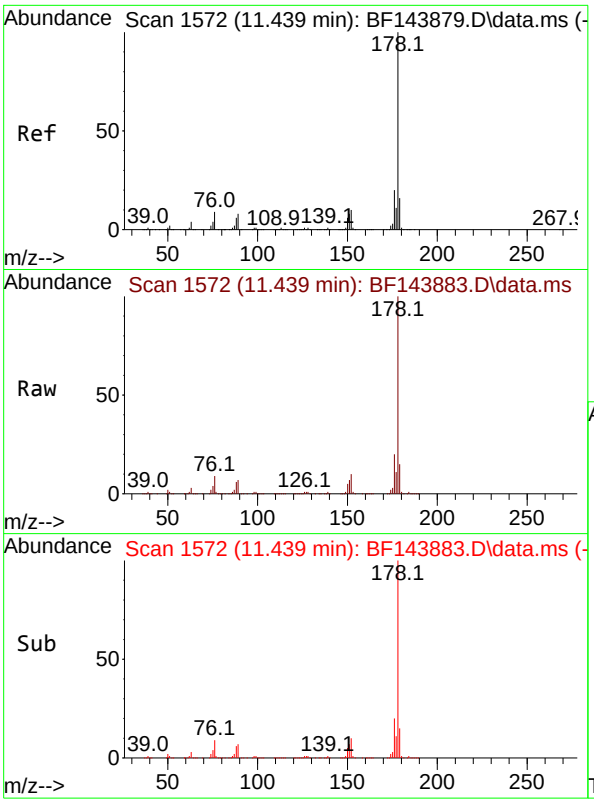


#70
Pentachlorophenol
Concen: 33.097 ng
RT: 11.216 min Scan# 1534
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:266 Resp: 104958

Ion	Ratio	Lower	Upper
266	100		
268	63.3	49.4	74.0
264	64.2	51.8	77.6



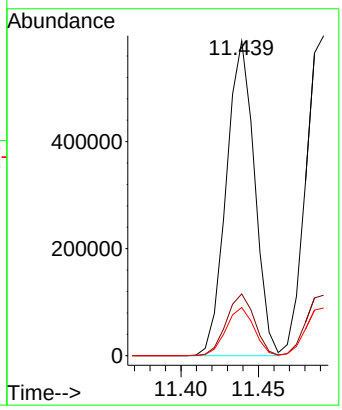


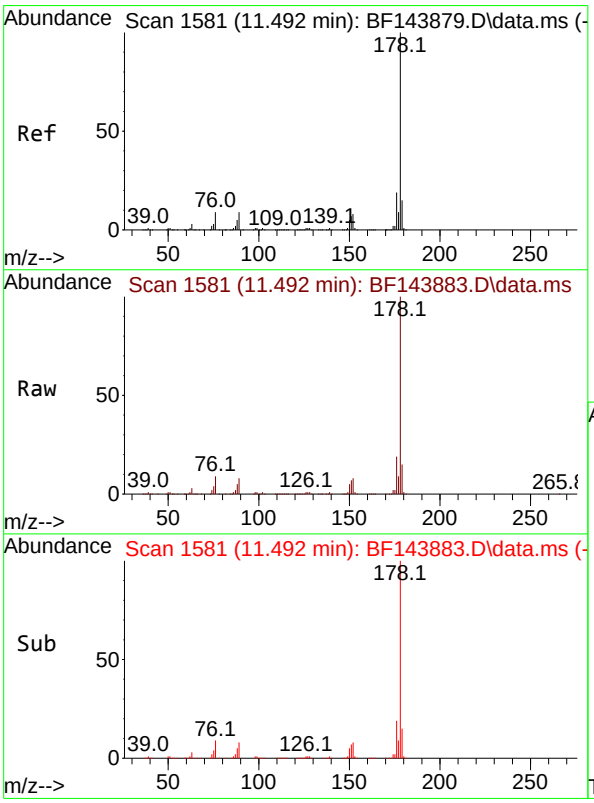
#71
Phenanthrene
Concen: 35.542 ng
RT: 11.439 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion:178 Resp: 743609

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	15.3	12.4	18.6

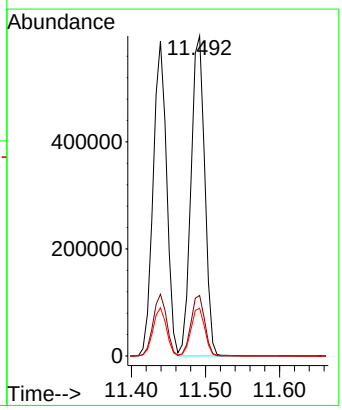


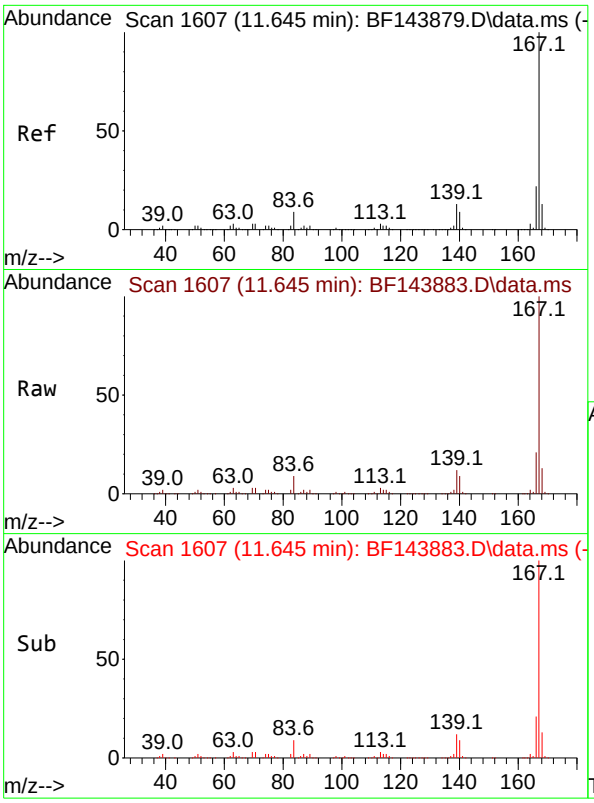


#72
Anthracene
Concen: 36.273 ng
RT: 11.492 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:178 Resp: 766674

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.9	22.3
179	14.9	12.2	18.2



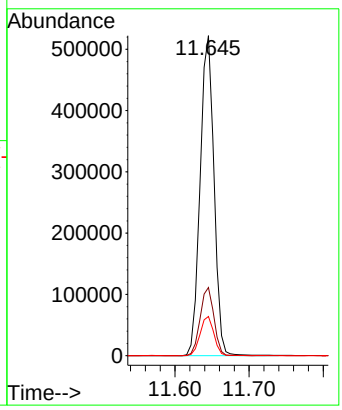


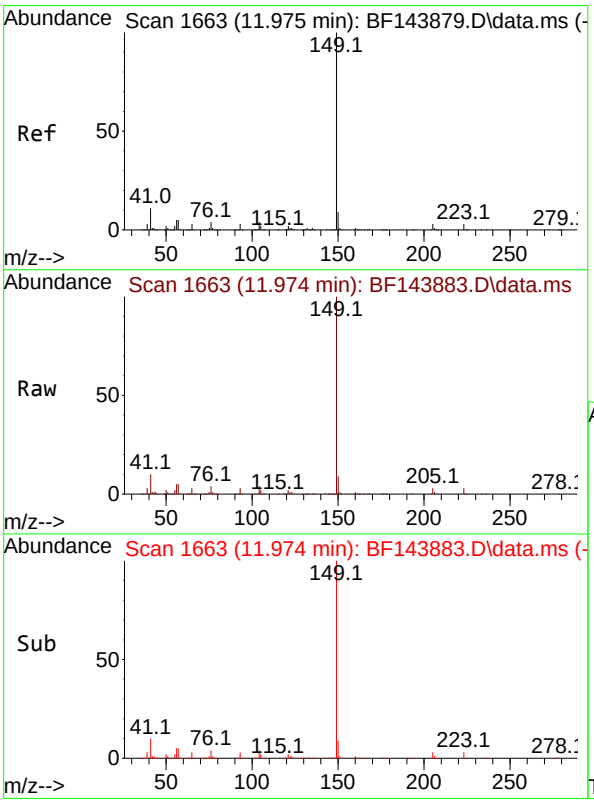
#73
Carbazole
Concen: 36.246 ng
RT: 11.645 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion:167 Resp: 678522

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.2	25.8
139	12.3	10.1	15.1

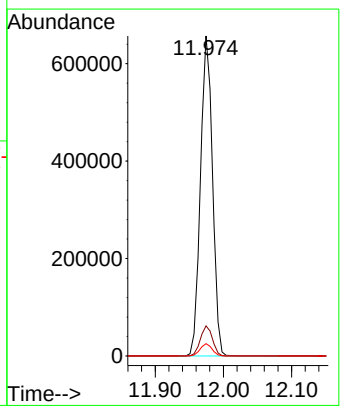


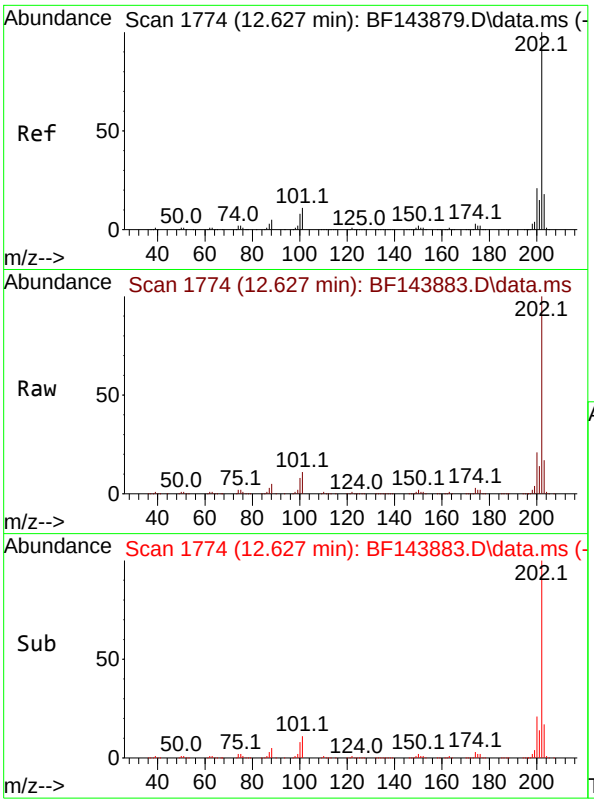


#74
Di-n-butylphthalate
Concen: 37.171 ng
RT: 11.974 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:149 Resp: 806451

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	3.9	3.4	5.2



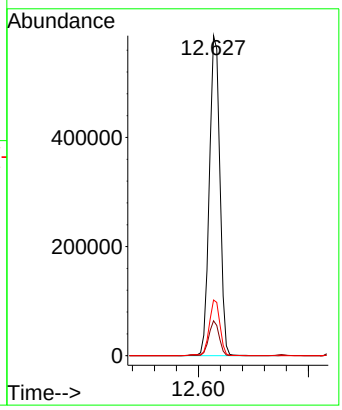


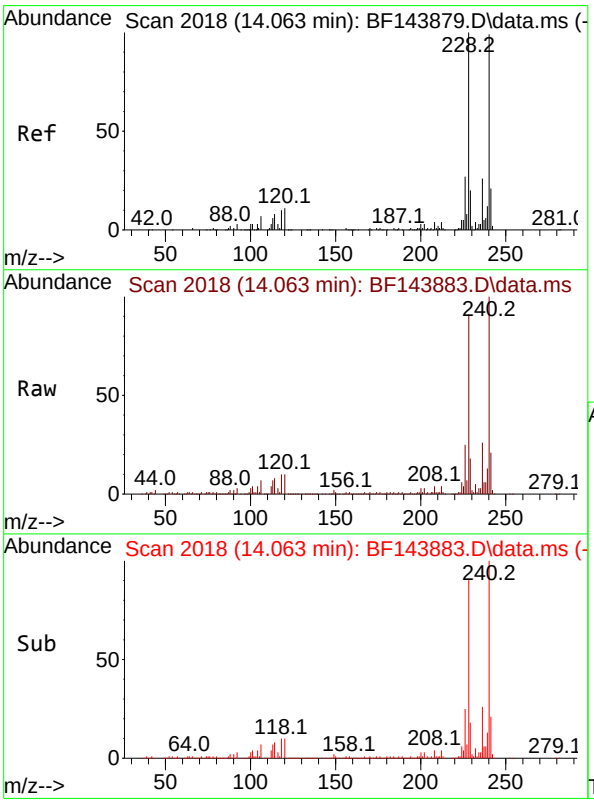
#75
Fluoranthene
Concen: 36.019 ng
RT: 12.627 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion:202 Resp: 778418

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	30.7
203	17.4	0.0	37.8

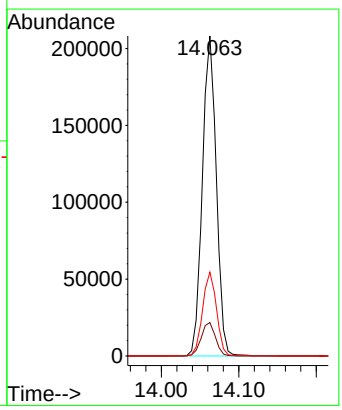


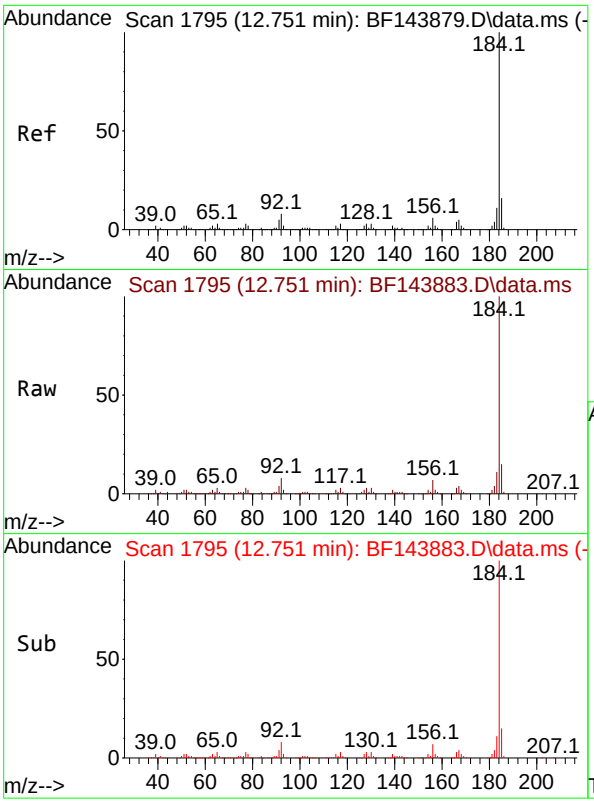


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.005 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:240 Resp: 259802

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.6	13.0
236	26.2	21.1	31.7



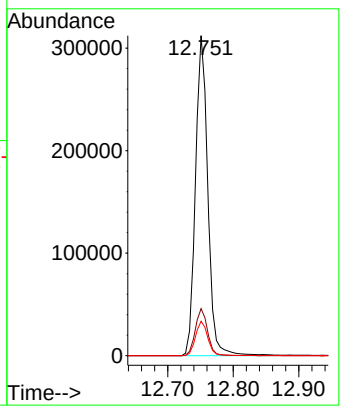


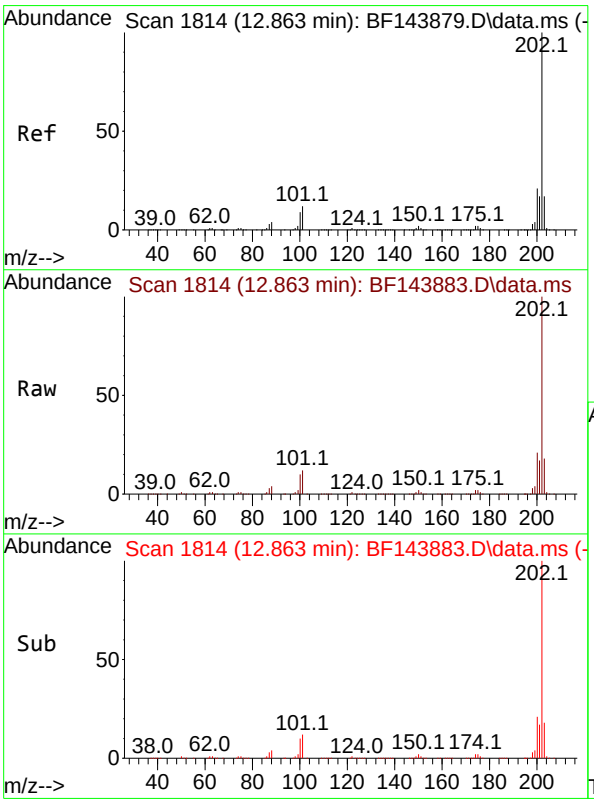
#77
Benzidine
Concen: 45.411 ng
RT: 12.751 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion:184 Resp: 409653

Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.6	18.8
183	10.8	8.8	13.2

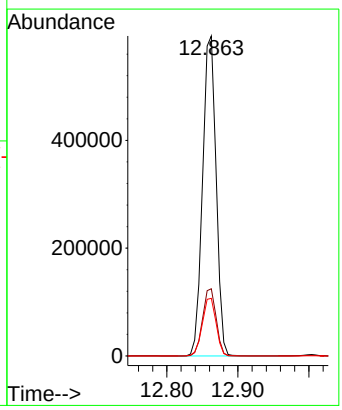


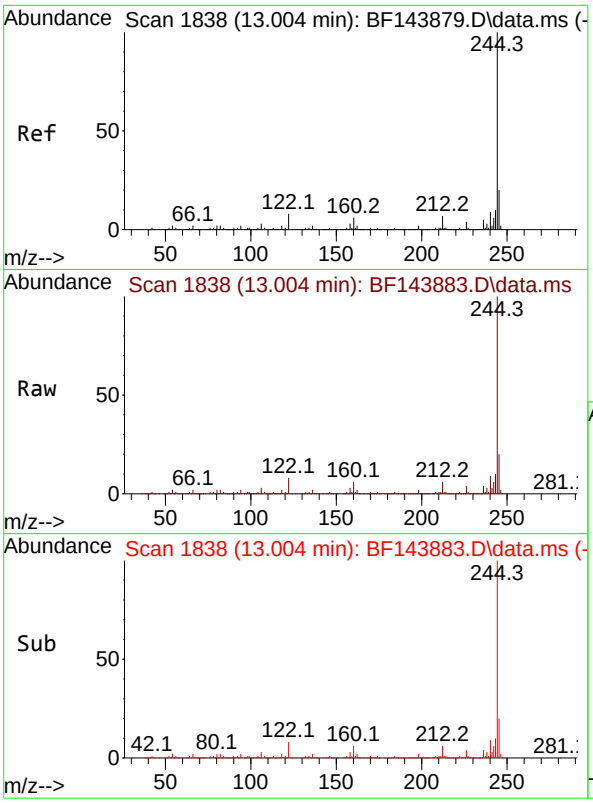


#78
Pyrene
Concen: 36.431 ng
RT: 12.863 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:202 Resp: 789075

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.6
203	18.0	13.8	20.6



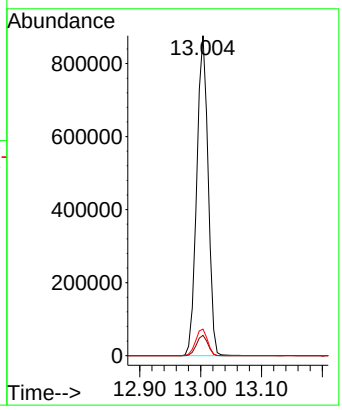


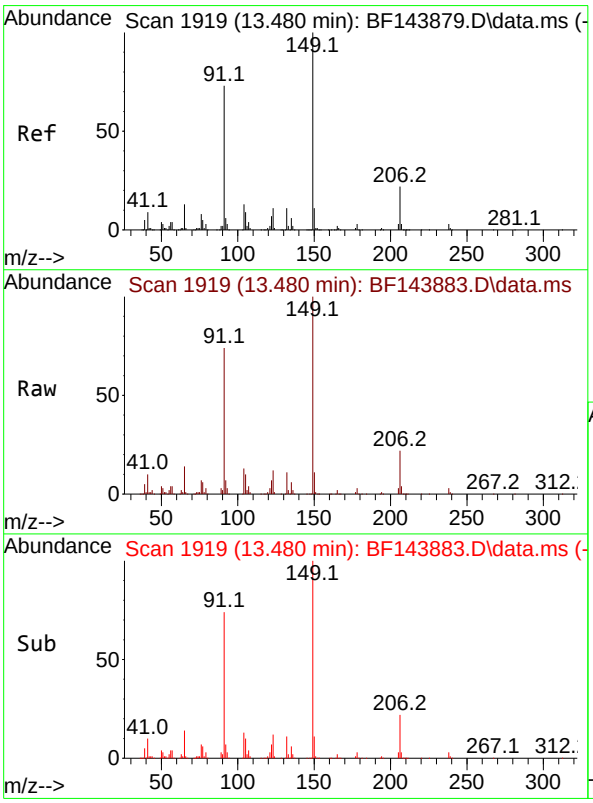
#79
Terphenyl-d14
Concen: 74.443 ng
RT: 13.004 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion:244 Resp: 1131636

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	8.3	6.4	9.6

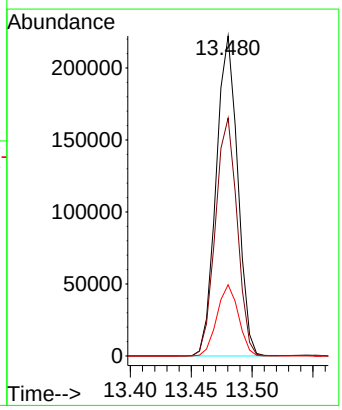


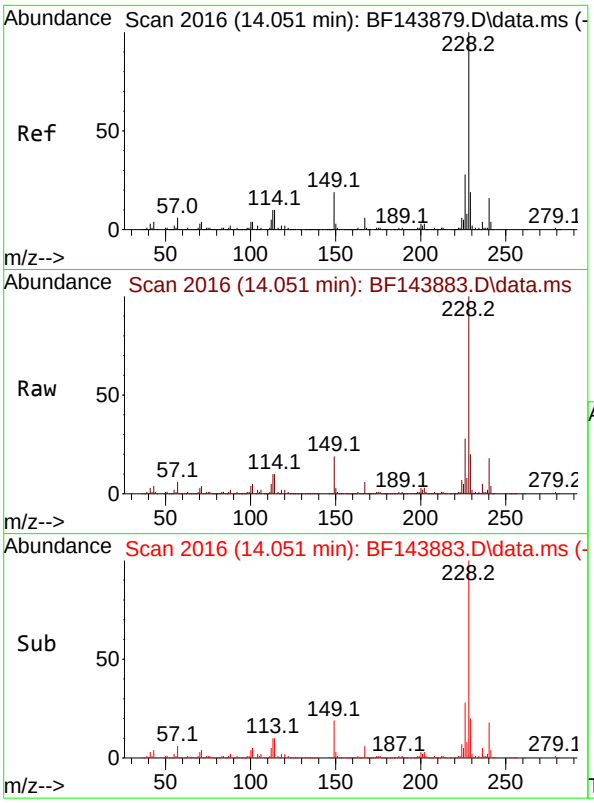


#80
Butylbenzylphthalate
Concen: 38.986 ng
RT: 13.480 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:149 Resp: 274237

Ion	Ratio	Lower	Upper
149	100		
91	74.4	58.2	87.2
206	22.3	17.9	26.9



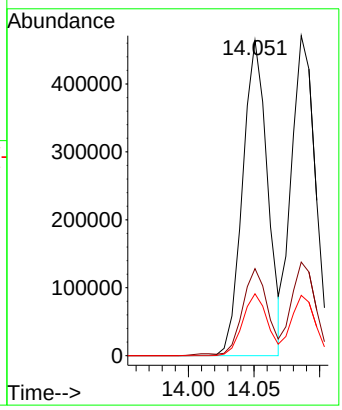


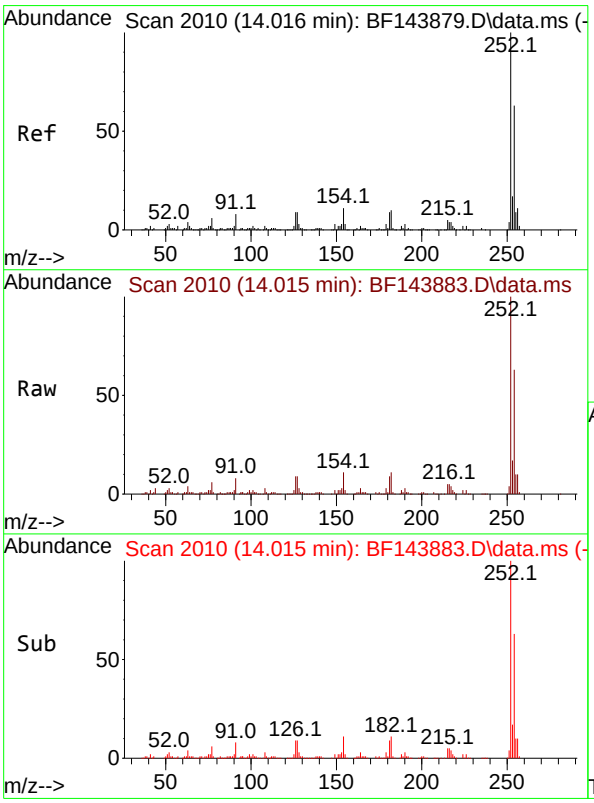
#81
Benzo(a)anthracene
Concen: 36.142 ng
RT: 14.051 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion:228 Resp: 614473

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.2	33.2
229	19.7	15.6	23.4

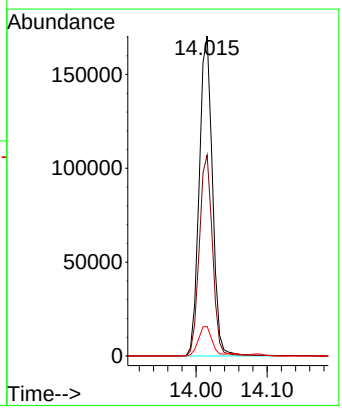


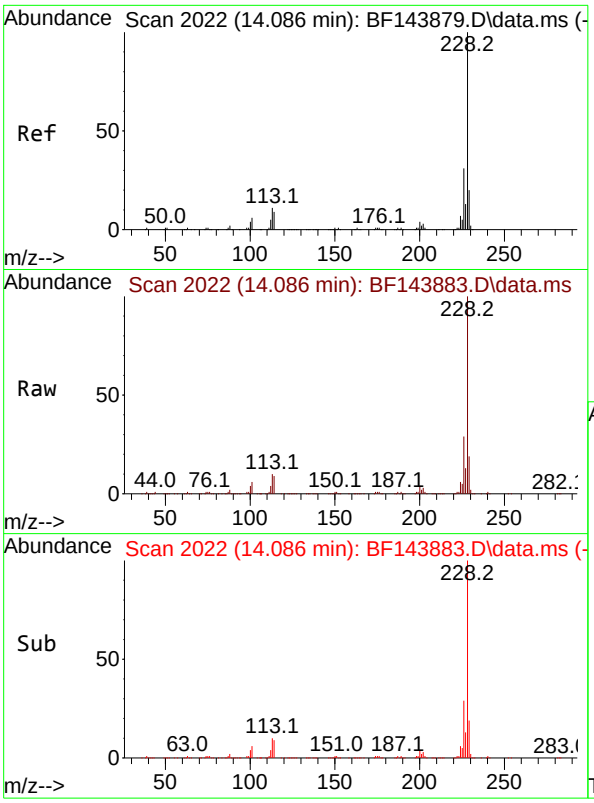


#82
3,3'-Dichlorobenzidine
Concen: 42.747 ng
RT: 14.015 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:252 Resp: 221480

Ion	Ratio	Lower	Upper
252	100		
254	62.8	50.6	76.0
126	9.2	7.0	10.6



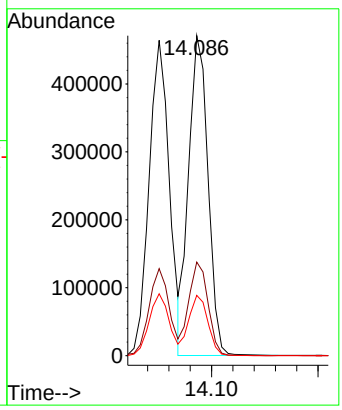


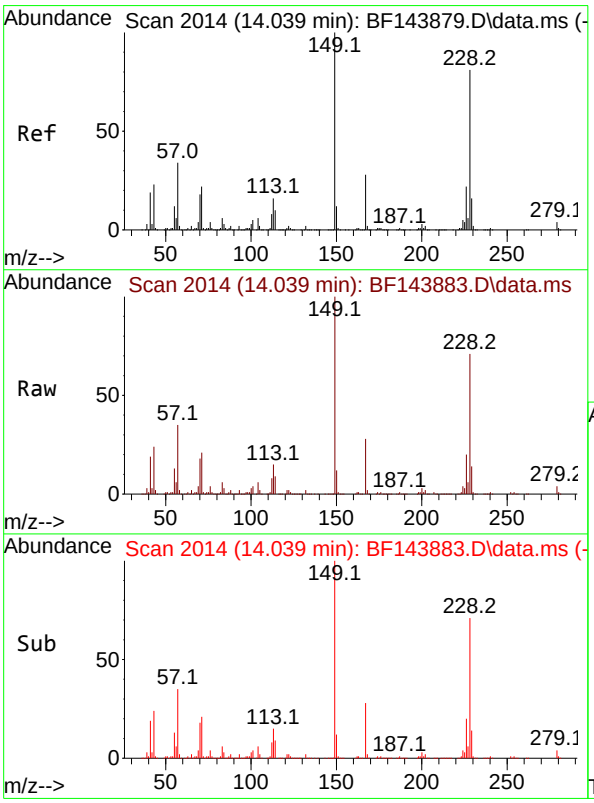
#83
Chrysene
Concen: 37.792 ng
RT: 14.086 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion:228 Resp: 594668

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.4	36.6
229	18.9	15.9	23.9

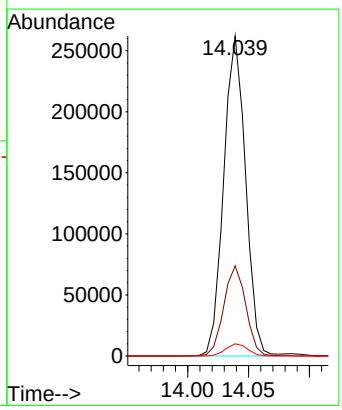


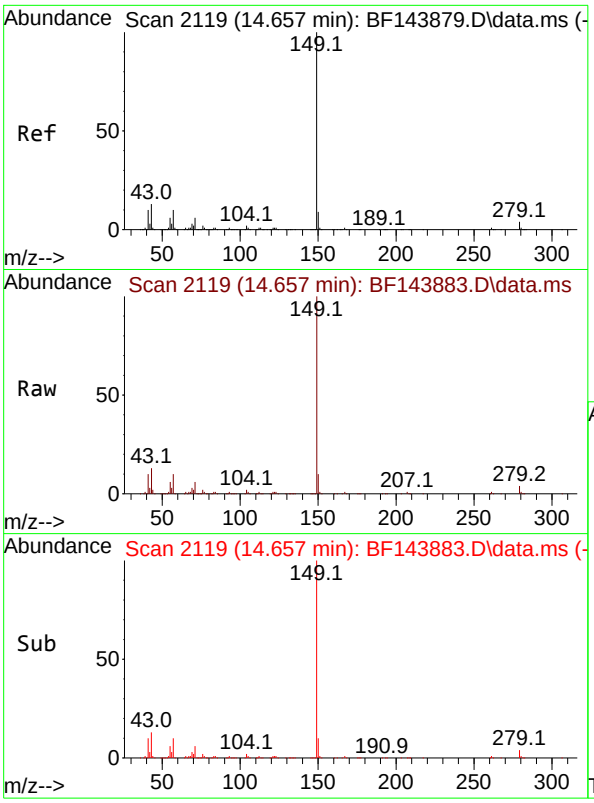


#84
Bis(2-ethylhexyl)phthalate
Concen: 38.560 ng
RT: 14.039 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:149 Resp: 326966

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.2	33.4
279	3.8	3.1	4.7



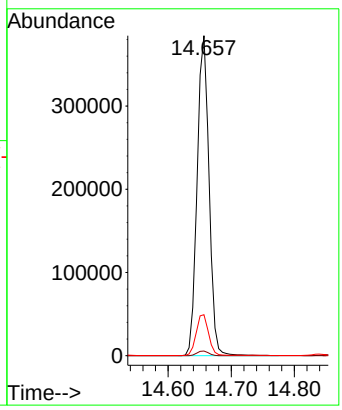


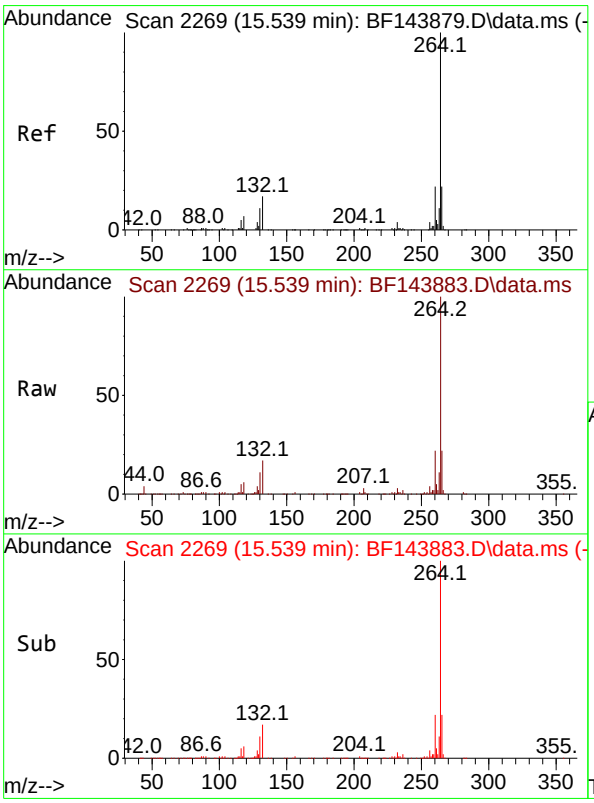
#85
Di-n-octyl phthalate
Concen: 36.116 ng
RT: 14.657 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion:149 Resp: 502989

Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.1	1.7
43	13.2	11.0	16.4

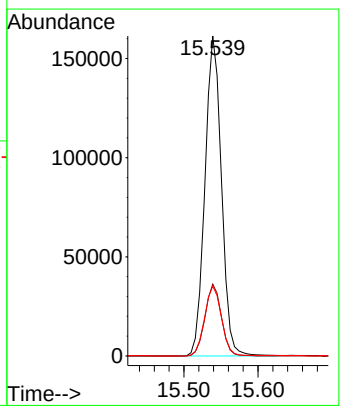


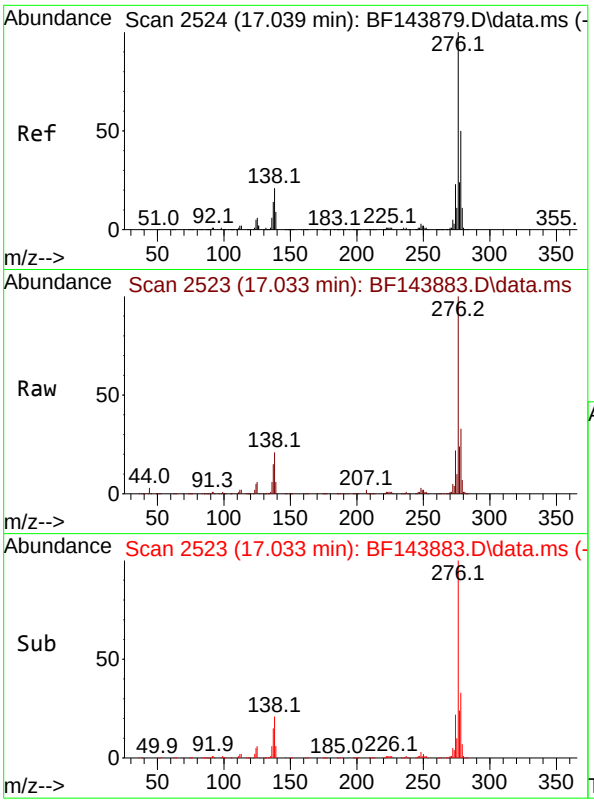


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:264 Resp: 249446

Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.8	26.8
265	21.8	17.5	26.3



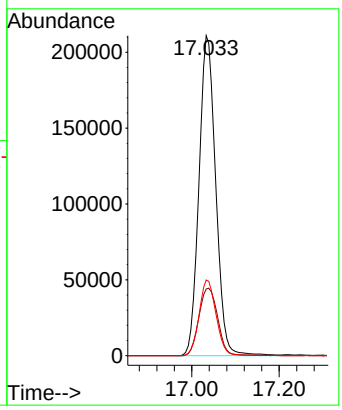


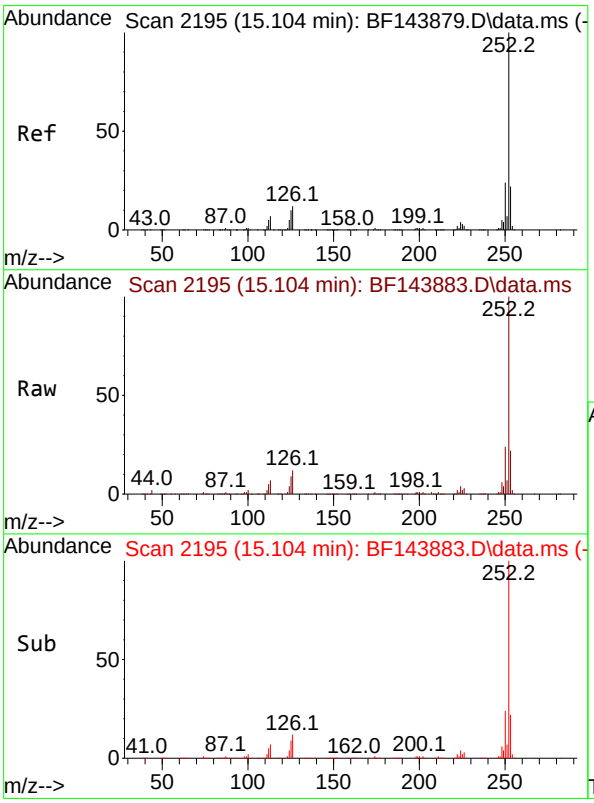
#87
Indeno(1,2,3-cd)pyrene
Concen: 36.867 ng
RT: 17.033 min Scan# 2
Delta R.T. -0.023 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion:276 Resp: 563492

Ion	Ratio	Lower	Upper
276	100		
138	23.7	18.2	27.2
277	23.8	19.8	29.6

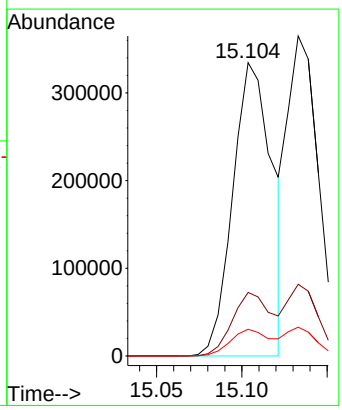


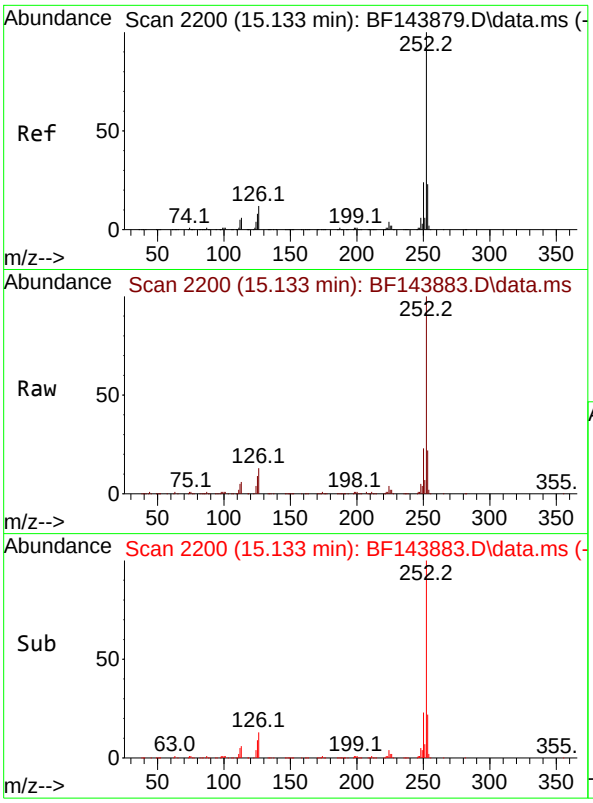


#88
Benzo(b)fluoranthene
Concen: 37.533 ng
RT: 15.104 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:252 Resp: 537814

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.2
125	9.1	7.8	11.6



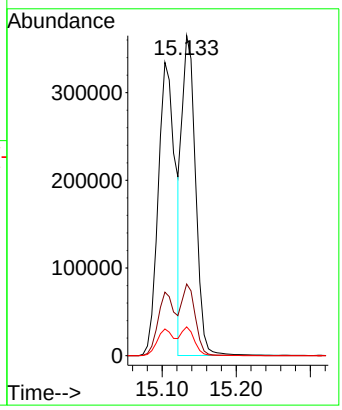


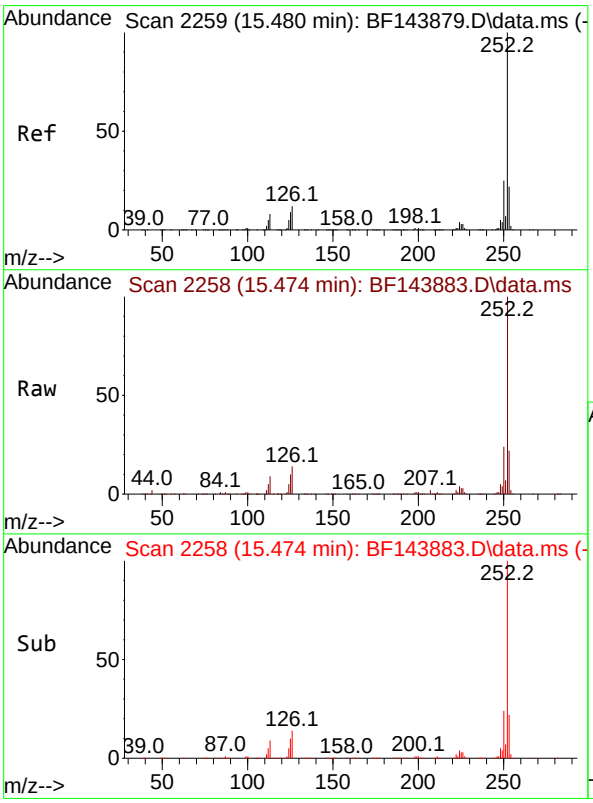
#89
Benzo(k)fluoranthene
Concen: 35.252 ng
RT: 15.133 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion:252 Resp: 467396

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	9.0	7.4	11.2

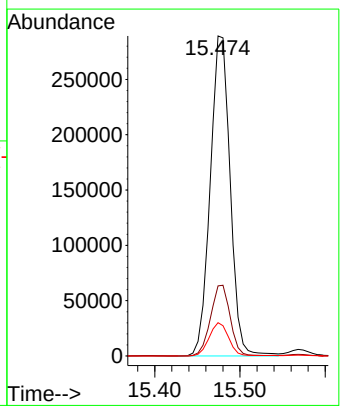


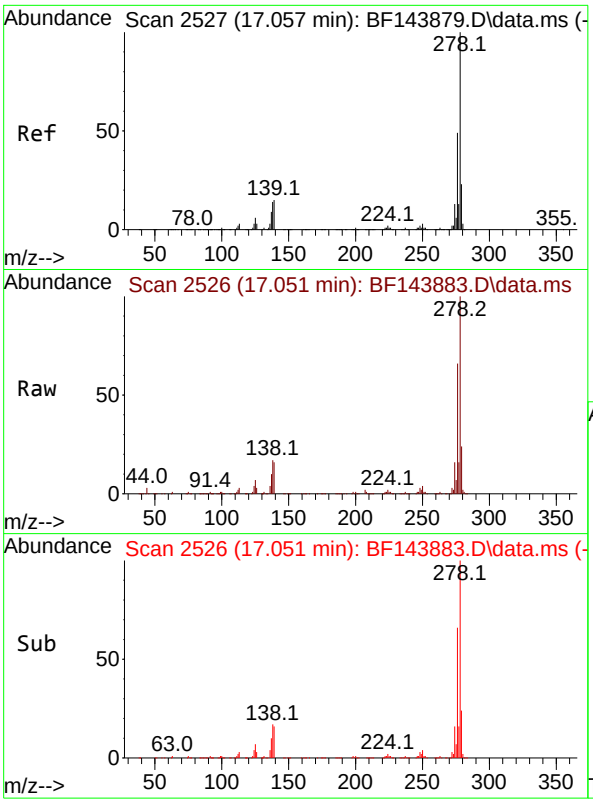


#90
Benzo(a)pyrene
Concen: 37.900 ng
RT: 15.474 min Scan# 2258
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:252 Resp: 470896

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	10.4	7.0	10.4



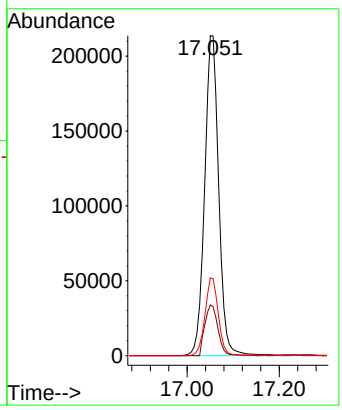


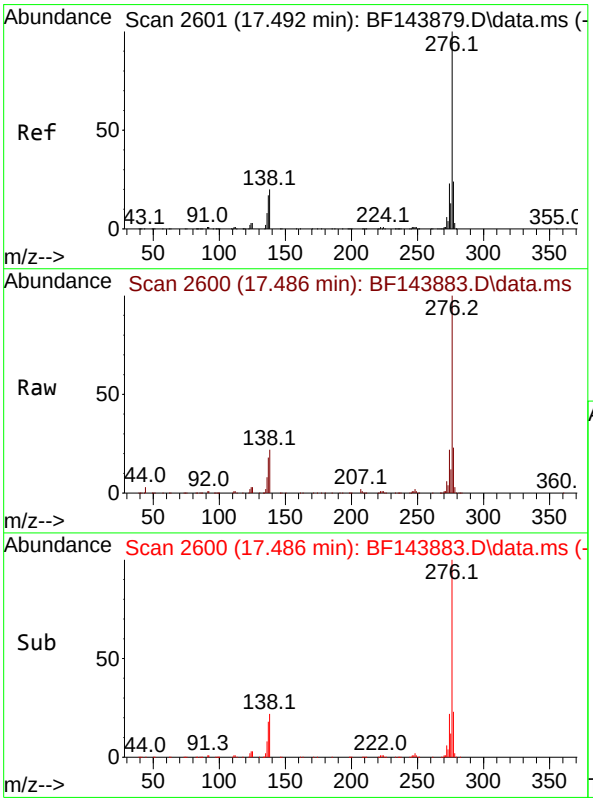
#91
Dibenzo(a,h)anthracene
Concen: 36.995 ng
RT: 17.051 min Scan# 2
Delta R.T. -0.029 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion:278 Resp: 454776

Ion	Ratio	Lower	Upper
278	100		
139	15.9	11.7	17.5
279	24.3	18.4	27.6

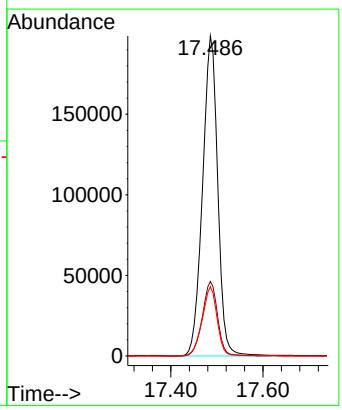




#92
Benzo(g,h,i)perylene
Concen: 37.162 ng
RT: 17.486 min Scan# 2600
Delta R.T. -0.029 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:276 Resp: 456833

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.0	28.6
138	21.7	16.1	24.1



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
Data File : BF144076.D
Acq On : 27 Oct 2025 11:27
Operator : RC/JU
Sample : PB170206BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170206BS

Quant Time: Oct 27 11:51:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	61653	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	230299	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	126935	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	219220	20.000	ng		0.00
76) Chrysene-d12	14.057	240	125508	20.000	ng		0.00
86) Perylene-d12	15.545	264	170803	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	420955	108.023	ng		0.01
7) Phenol-d6	6.510	99	483175	112.270	ng		0.00
23) Nitrobenzene-d5	7.446	82	329493	78.385	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	196142	121.307	ng		0.00
45) 2-Fluorobiphenyl	9.240	172	702060	77.831	ng		0.00
79) Terphenyl-d14	12.998	244	687311	95.737	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.711	88	55486	32.950	ng		95
3) Pyridine	3.475	79	162952	36.146	ng		98
4) n-Nitrosodimethylamine	3.422	42	112032	40.443	ng		98
6) Aniline	6.546	93	197243	32.035	ng		98
8) 2-Chlorophenol	6.663	128	154526	40.266	ng		100
9) Benzaldehyde	6.434	77	83201	24.900	ng		98
10) Phenol	6.522	94	208508	39.271	ng		96
11) bis(2-Chloroethyl)ether	6.616	93	157180	40.968	ng		97
12) 1,3-Dichlorobenzene	6.822	146	194241	41.031	ng		99
13) 1,4-Dichlorobenzene	6.898	146	197064	42.240	ng		98
14) 1,2-Dichlorobenzene	7.051	146	188767	41.817	ng		100
15) Benzyl Alcohol	7.022	79	152455	43.566	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	299293	41.507	ng		97
17) 2-Methylphenol	7.134	107	121478	41.157	ng		98
18) Hexachloroethane	7.393	117	66701	39.990	ng		99
19) n-Nitroso-di-n-propyla...	7.293	70	122621	44.060	ng		96
20) 3+4-Methylphenols	7.281	107	149120	42.737	ng		93
22) Acetophenone	7.287	105	234112	47.038	ng		100
24) Nitrobenzene	7.463	77	183540	41.276	ng		100
25) Isophorone	7.698	82	329004	44.768	ng		99
26) 2-Nitrophenol	7.781	139	92552	43.752	ng		94
27) 2,4-Dimethylphenol	7.810	122	149796	47.652	ng		100
28) bis(2-Chloroethoxy)met...	7.910	93	200900	43.835	ng		100
29) 2,4-Dichlorophenol	8.022	162	153673	42.036	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	166768	44.342	ng		97
31) Naphthalene	8.187	128	449660	41.369	ng		99
32) Benzoic acid	7.934	122	101741	51.023	ng		87
33) 4-Chloroaniline	8.234	127	87921	23.236	ng		97
34) Hexachlorobutadiene	8.298	225	124657	40.536	ng		98
35) Caprolactam	8.598	113	29663	32.357	ng	#	87
36) 4-Chloro-3-methylphenol	8.716	107	142318	44.115	ng		98
37) 2-Methylnaphthalene	8.875	142	277936	38.783	ng		96
38) 1-Methylnaphthalene	8.975	142	282025	41.538	ng		98
40) 1,2,4,5-Tetrachloroben...	9.045	216	193244	44.297	ng		99
41) Hexachlorocyclopentadiene	9.028	237	180317	133.824	ng		98
43) 2,4,6-Trichlorophenol	9.157	196	121463	42.835	ng		99

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
Data File : BF144076.D
Acq On : 27 Oct 2025 11:27
Operator : RC/JU
Sample : PB170206BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170206BS

Quant Time: Oct 27 11:51:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration

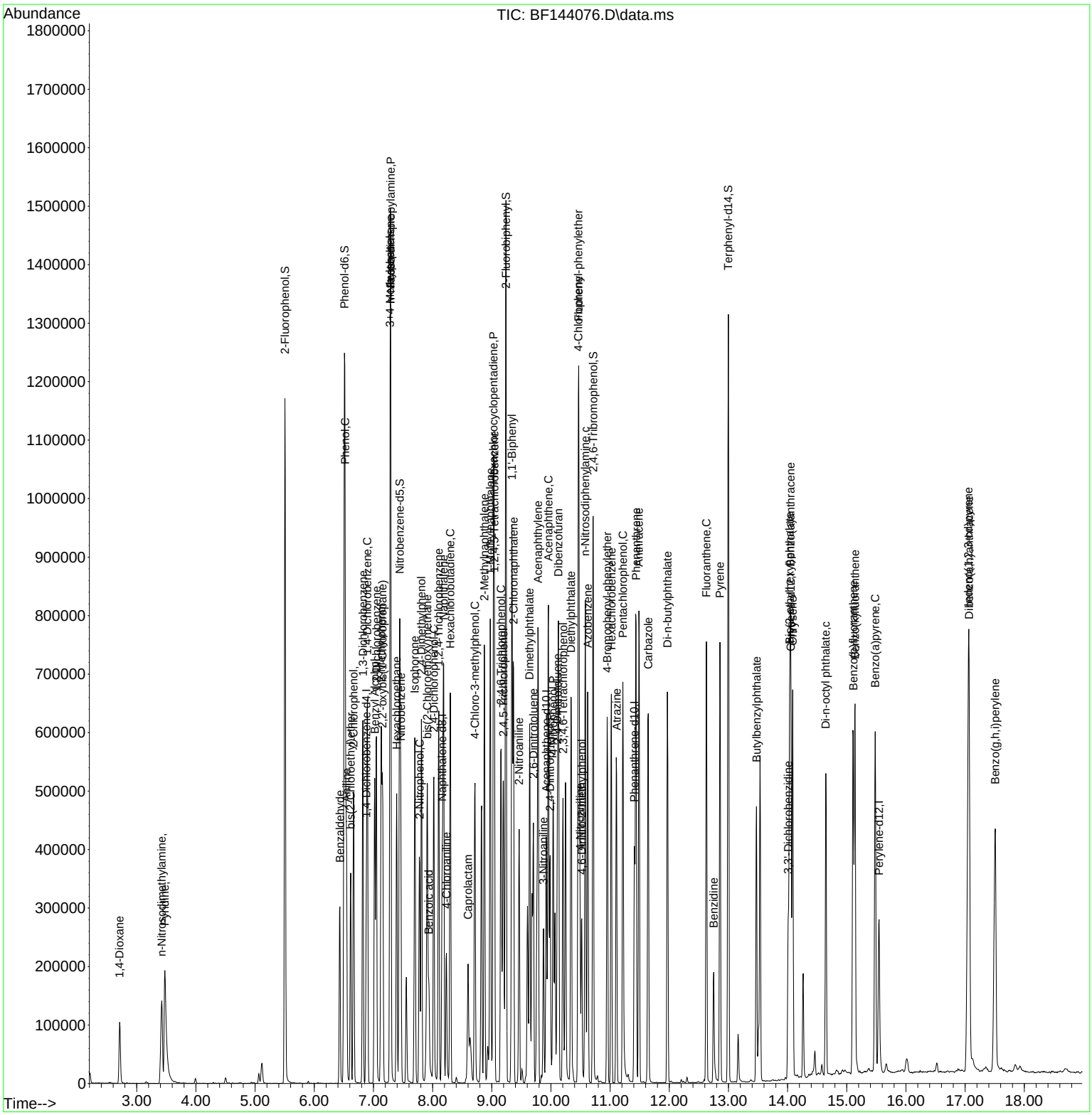
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	131752	44.272	ng	94
46) 1,1'-Biphenyl	9.339	154	416023	45.784	ng	100
47) 2-Chloronaphthalene	9.369	162	317814	41.749	ng	97
48) 2-Nitroaniline	9.463	65	100849	44.613	ng	98
49) Acenaphthylene	9.781	152	488250	47.567	ng	99
50) Dimethylphthalate	9.639	163	365152	43.887	ng	100
51) 2,6-Dinitrotoluene	9.704	165	76797	46.689	ng	94
52) Acenaphthene	9.957	154	309791	45.192	ng	98
53) 3-Nitroaniline	9.875	138	53614	29.317	ng	99
54) 2,4-Dinitrophenol	9.987	184	84812	95.333	ng	96
55) Dibenzofuran	10.128	168	408424	42.917	ng	97
56) 4-Nitrophenol	10.039	139	103237	83.365	ng	95
57) 2,4-Dinitrotoluene	10.110	165	102869	46.338	ng	95
58) Fluorene	10.469	166	314278	43.341	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.204	232	101498	48.399	ng	91
60) Diethylphthalate	10.339	149	344494	44.027	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	176970	43.398	ng	98
62) 4-Nitroaniline	10.492	138	73871	42.632	ng	96
63) Azobenzene	10.622	77	318812	43.049	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	60591	43.080	ng	96
66) n-Nitrosodiphenylamine	10.581	169	306085	43.700	ng	98
67) 4-Bromophenyl-phenylether	10.951	248	118355	43.120	ng	99
68) Hexachlorobenzene	11.022	284	147792	43.904	ng	97
69) Atrazine	11.110	200	98315	42.776	ng	99
70) Pentachlorophenol	11.216	266	143887	89.799	ng	97
71) Phenanthrene	11.439	178	457094	41.974	ng	98
72) Anthracene	11.486	178	467889	41.592	ng	99
73) Carbazole	11.645	167	388915	40.617	ng	98
74) Di-n-butylphthalate	11.969	149	470696	40.095	ng	100
75) Fluoranthene	12.628	202	448694	37.294	ng	99
77) Benzidine	12.751	184	125022	32.007	ng	99
78) Pyrene	12.857	202	459771	50.955	ng	99
80) Butylbenzylphthalate	13.475	149	154922	45.384	ng	99
81) Benzo(a)anthracene	14.051	228	391028	46.101	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	89667	30.369	ng	99
83) Chrysene	14.086	228	343256	43.126	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	197242	42.325	ng	98
85) Di-n-octyl phthalate	14.645	149	346250	43.204	ng	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	537768	45.859	ng	99
88) Benzo(b)fluoranthene	15.110	252	421925	43.695	ng	99
89) Benzo(k)fluoranthene	15.139	252	387464	43.491	ng	99
90) Benzo(a)pyrene	15.480	252	403459	46.574	ng	98
91) Dibenzo(a,h)anthracene	17.068	278	430920	46.423	ng	99
92) Benzo(g,h,i)perylene	17.510	276	449738	48.190	ng	98

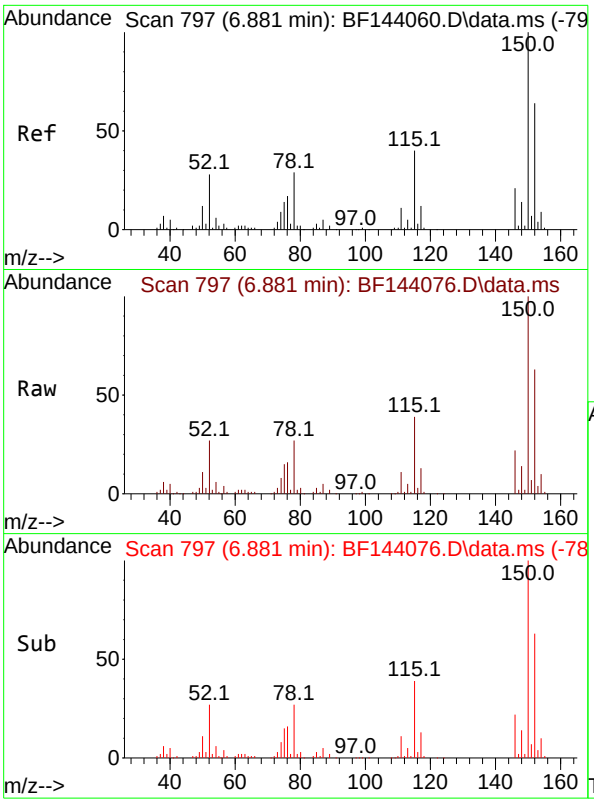
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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
Data File : BF144076.D
Acq On : 27 Oct 2025 11:27
Operator : RC/JU
Sample : PB170206BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170206BS

Quant Time: Oct 27 11:51:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration



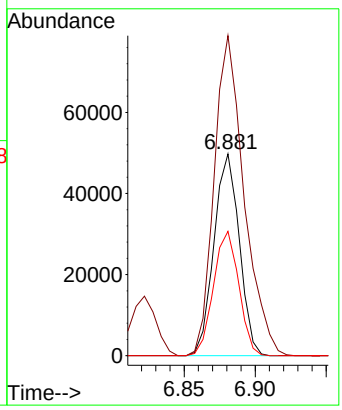


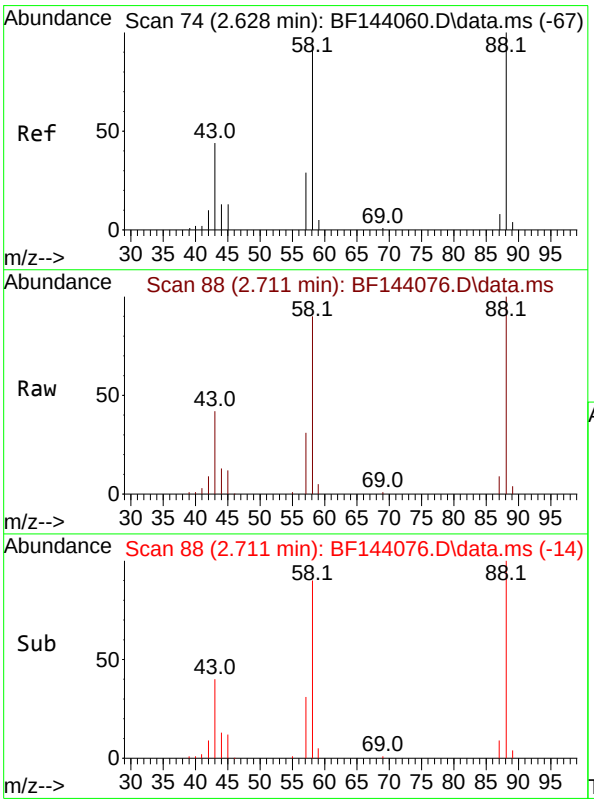
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Instrument :
BNA_F
ClientSampleId :
PB170206BS

Tgt Ion:152 Resp: 61653

Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.4	186.6
115	61.6	49.4	74.0

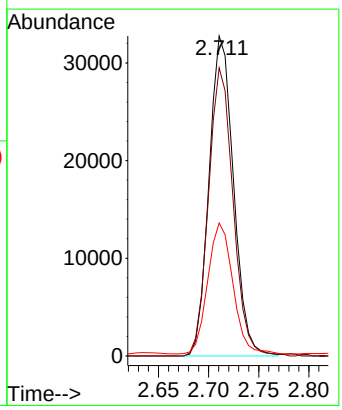


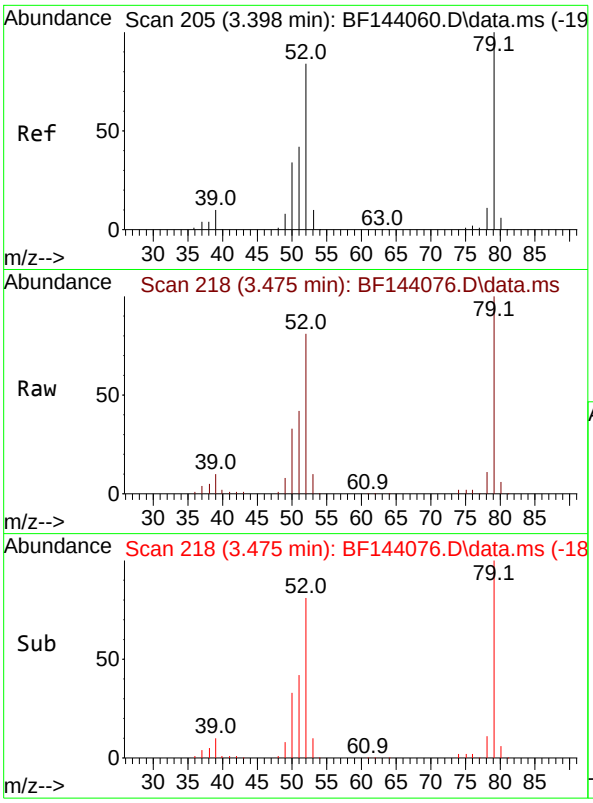


#2
1,4-Dioxane
Concen: 32.950 ng
RT: 2.711 min Scan# 88
Delta R.T. 0.083 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Tgt Ion: 88 Resp: 55486

Ion	Ratio	Lower	Upper
88	100		
58	90.6	76.5	114.7
43	42.1	35.3	52.9



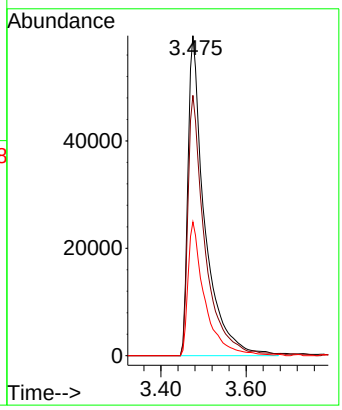


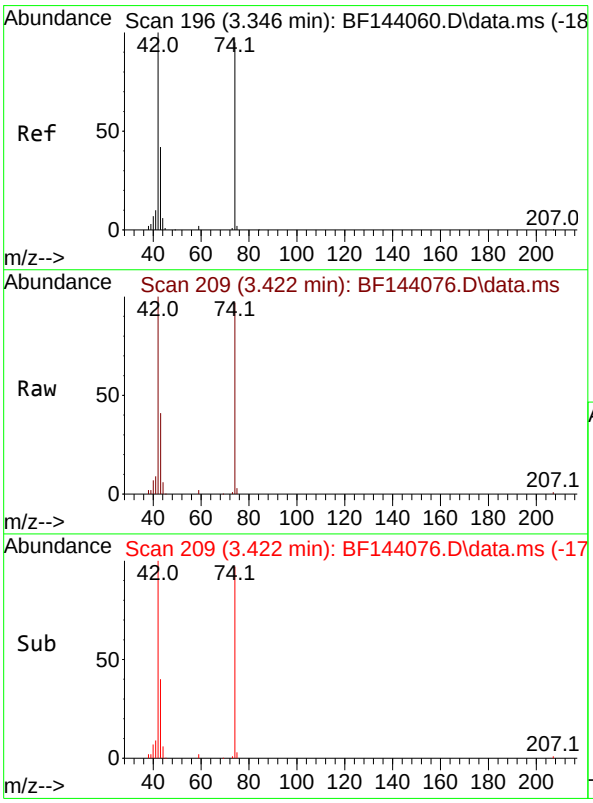
#3
Pyridine
Concen: 36.146 ng
RT: 3.475 min Scan# 21
Delta R.T. 0.077 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Instrument :
BNA_F
ClientSampleId :
PB170206BS

Tgt Ion: 79 Resp: 162952

Ion	Ratio	Lower	Upper
79	100		
52	81.4	67.5	101.3
51	41.8	33.6	50.4

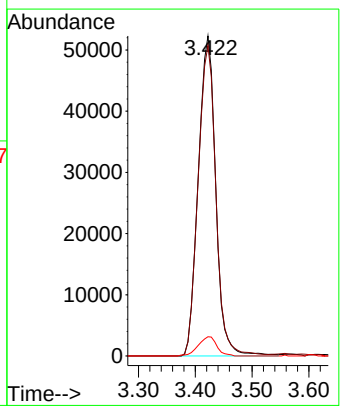


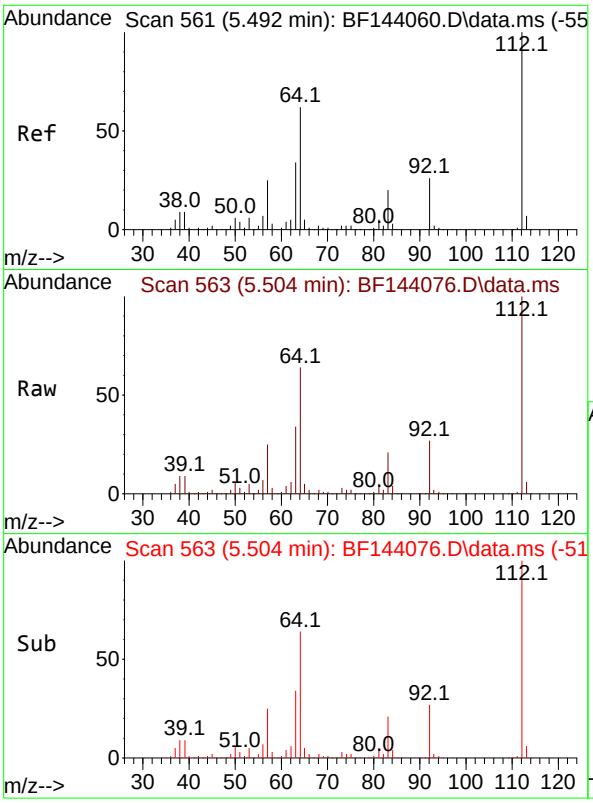


#4
n-Nitrosodimethylamine
Concen: 40.443 ng
RT: 3.422 min Scan# 209
Delta R.T. 0.077 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Tgt Ion: 42 Resp: 112032

Ion	Ratio	Lower	Upper
42	100		
74	97.0	76.4	114.6
44	6.0	5.2	7.8



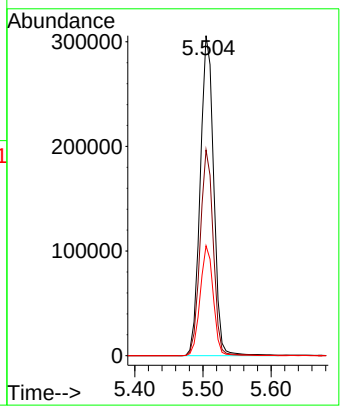


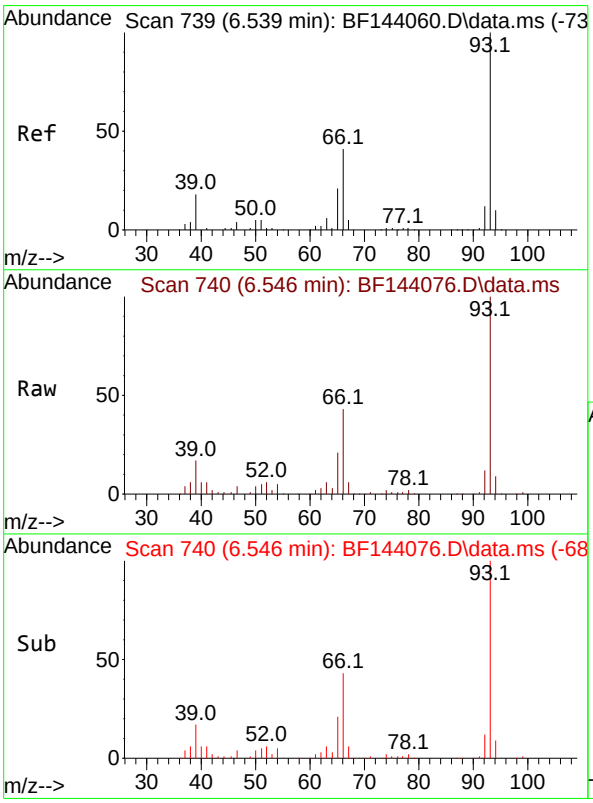
#5
2-Fluorophenol
Concen: 108.023 ng
RT: 5.504 min Scan# 5
Delta R.T. 0.012 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Instrument :
BNA_F
ClientSampleId :
PB170206BS

Tgt Ion:112 Resp: 420955

Ion	Ratio	Lower	Upper
112	100		
64	64.3	49.8	74.8
63	34.3	27.4	41.2

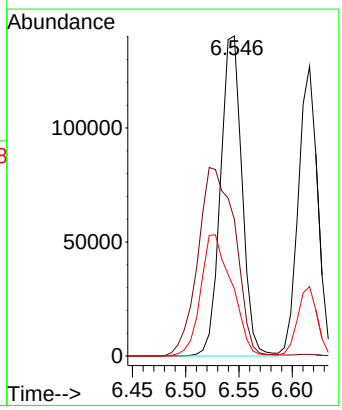


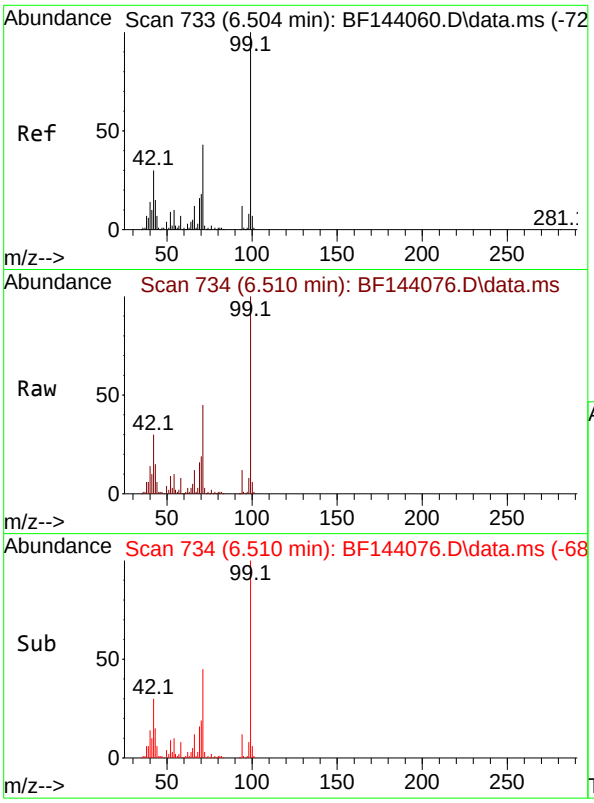


#6
Aniline
Concen: 32.035 ng
RT: 6.546 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Tgt Ion: 93 Resp: 197243

Ion	Ratio	Lower	Upper
93	100		
66	42.7	35.7	53.5
65	21.0	17.0	25.6



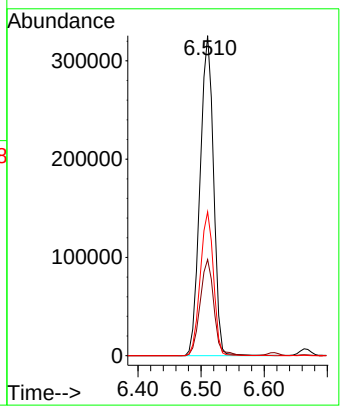


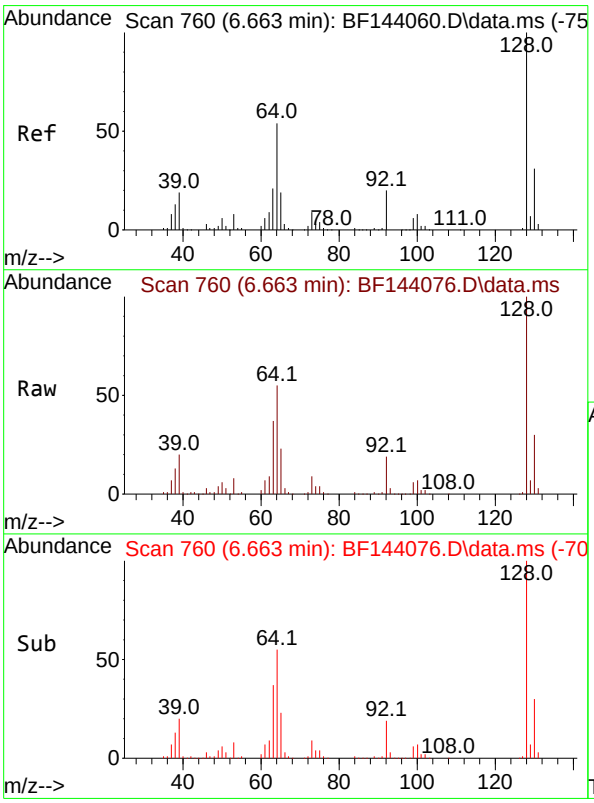
#7
Phenol-d6
Concen: 112.270 ng
RT: 6.510 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Instrument :
BNA_F
ClientSampleId :
PB170206BS

Tgt Ion: 99 Resp: 483175

Ion	Ratio	Lower	Upper
99	100		
42	30.0	23.9	35.9
71	45.0	34.4	51.6

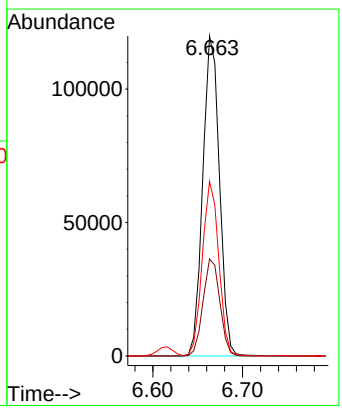


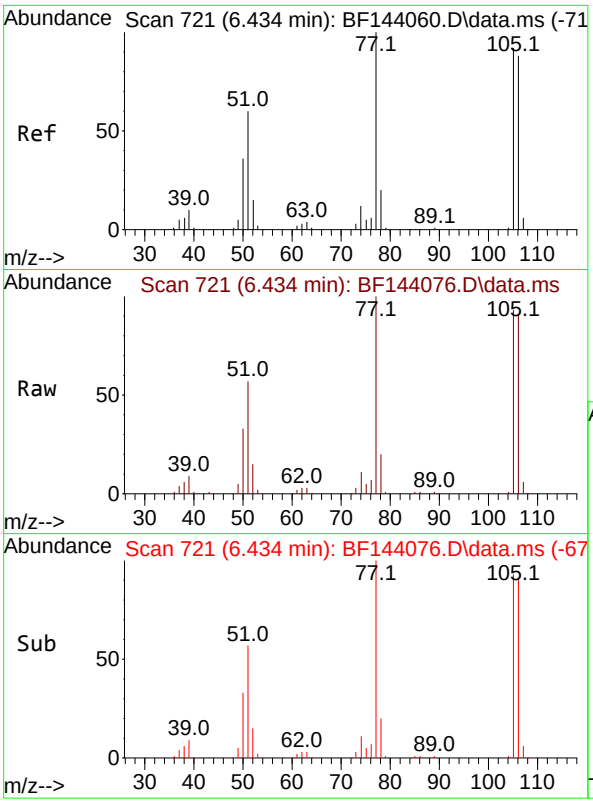


#8
2-Chlorophenol
Concen: 40.266 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Tgt Ion:128 Resp: 154526

Ion	Ratio	Lower	Upper
128	100		
130	30.3	10.7	50.7
64	54.6	34.7	74.7



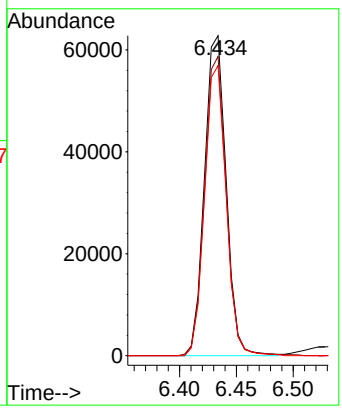


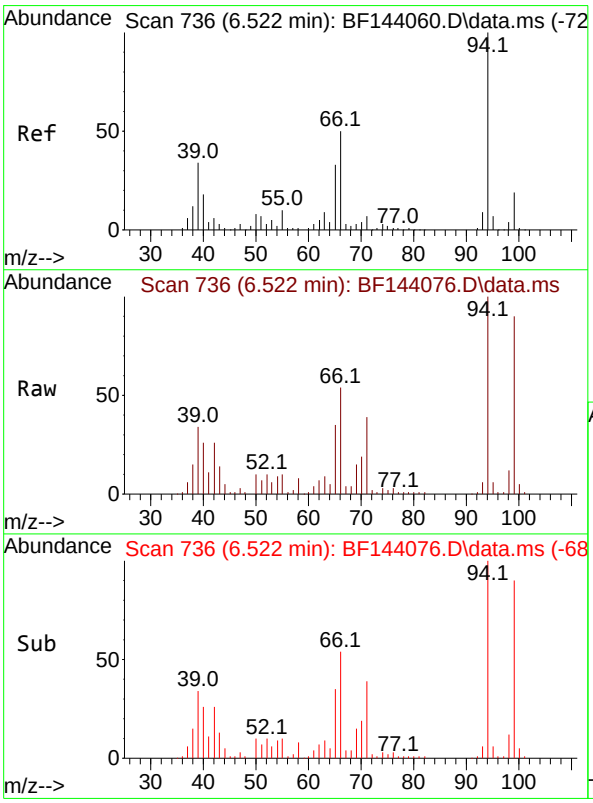
#9
Benzaldehyde
Concen: 24.900 ng
RT: 6.434 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Instrument :
BNA_F
ClientSampleId :
PB170206BS

Tgt Ion: 77 Resp: 83201

Ion	Ratio	Lower	Upper
77	100		
105	93.5	72.2	112.2
106	90.7	67.9	107.9

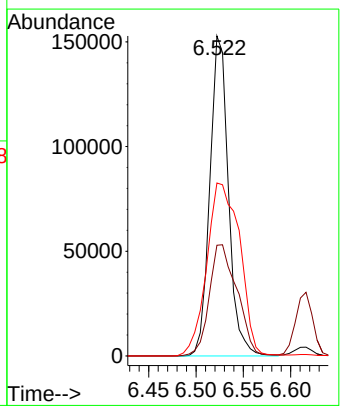


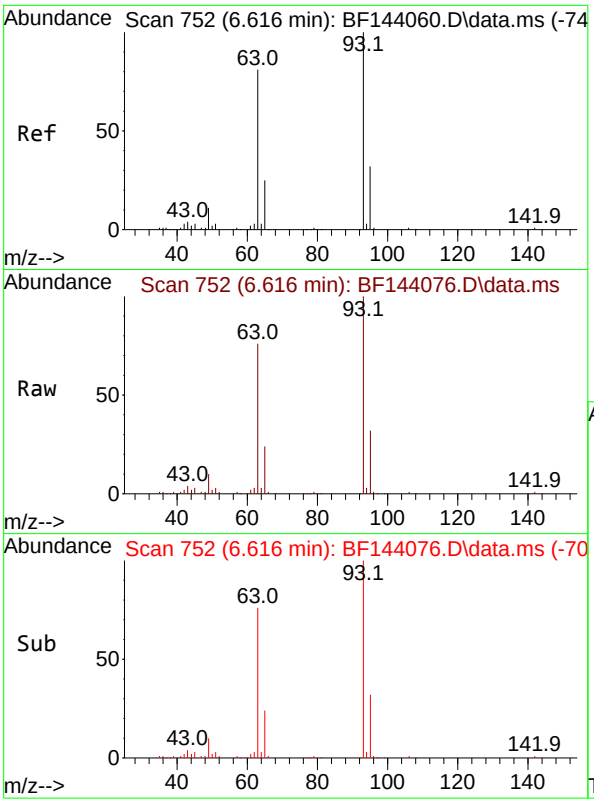


#10
Phenol
Concen: 39.271 ng
RT: 6.522 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Tgt Ion: 94 Resp: 208508

Ion	Ratio	Lower	Upper
94	100		
65	34.6	13.1	53.1
66	54.1	30.6	70.6



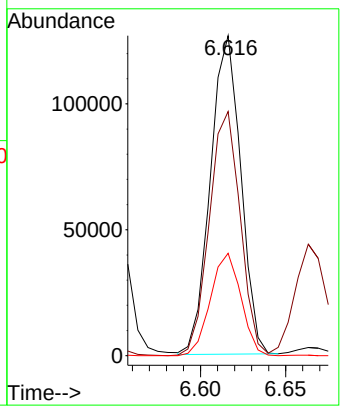


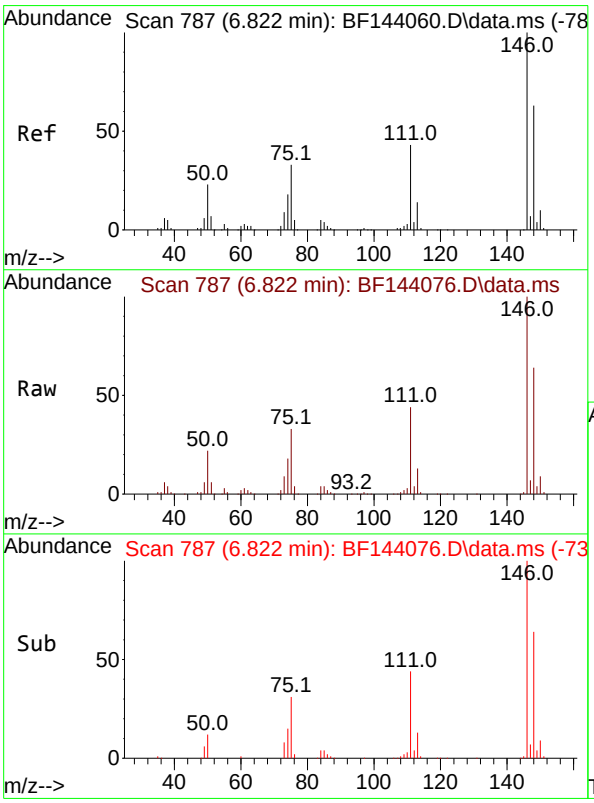
#11
bis(2-Chloroethyl)ether
Concen: 40.968 ng
RT: 6.616 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Instrument :
BNA_F
ClientSampleId :
PB170206BS

Tgt Ion: 93 Resp: 157180

Ion	Ratio	Lower	Upper
93	100		
63	76.3	60.2	100.2
95	32.0	12.4	52.4

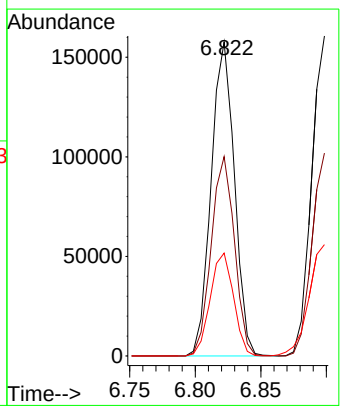


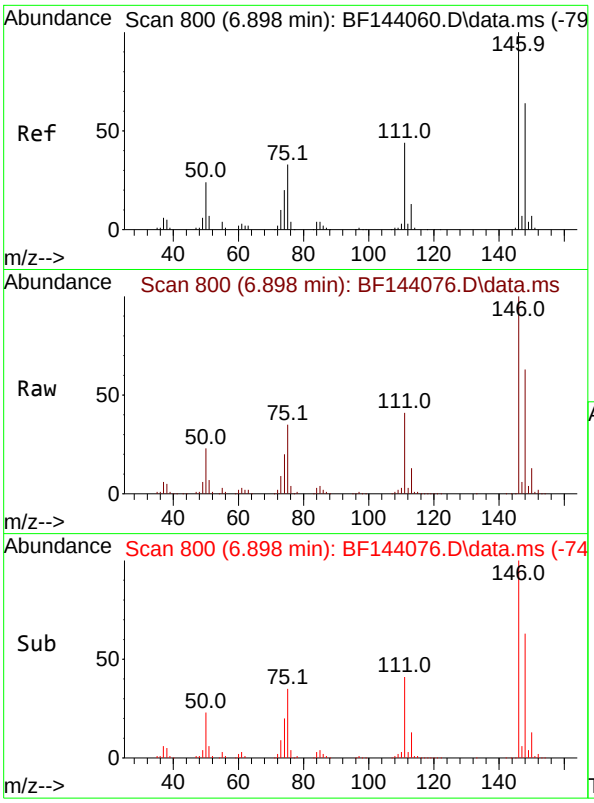


#12
1,3-Dichlorobenzene
Concen: 41.031 ng
RT: 6.822 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Tgt Ion:146 Resp: 194241

Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.6	75.8
75	32.8	26.6	40.0



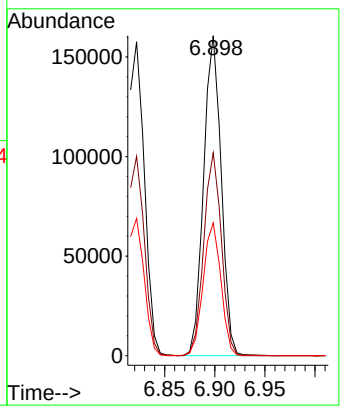


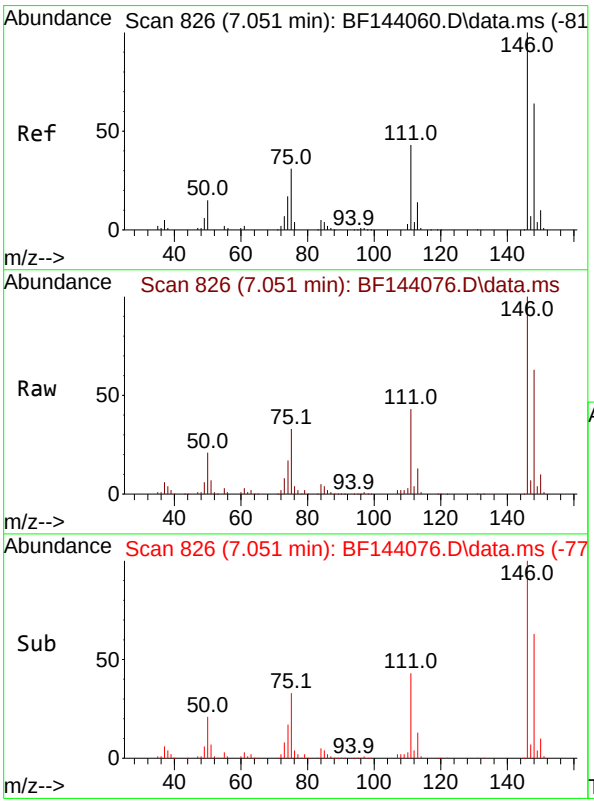
#13
1,4-Dichlorobenzene
Concen: 42.240 ng
RT: 6.898 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Instrument :
BNA_F
ClientSampleId :
PB170206BS

Tgt Ion:146 Resp: 197064

Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.0	76.6
111	41.5	35.0	52.6

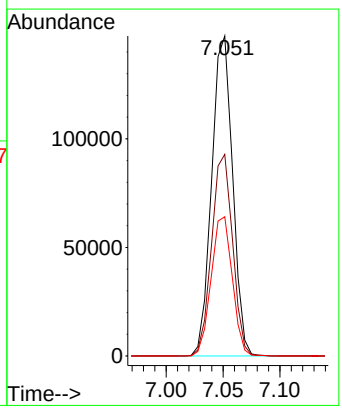


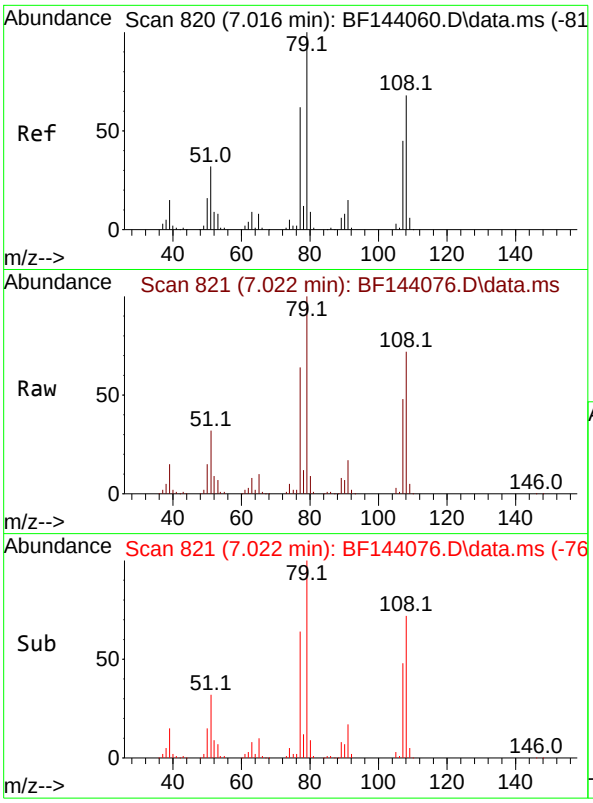


#14
1,2-Dichlorobenzene
Concen: 41.817 ng
RT: 7.051 min Scan# 826
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Tgt Ion:146 Resp: 188767

Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.8	76.2
111	43.5	34.7	52.1



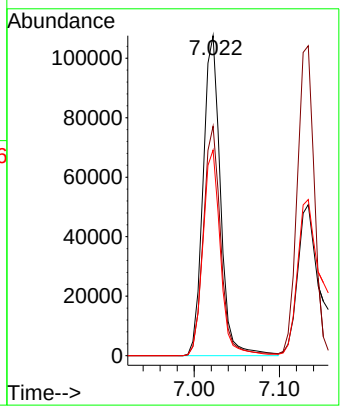


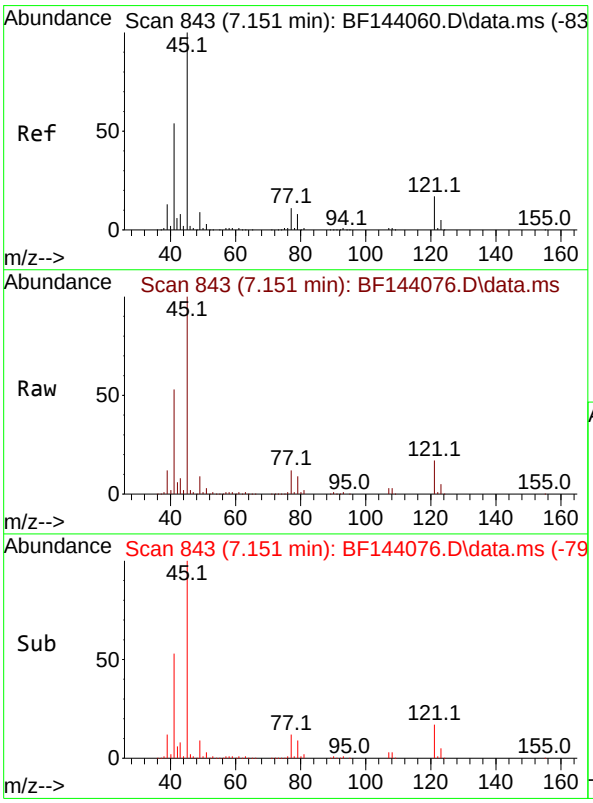
#15
Benzyl Alcohol
Concen: 43.566 ng
RT: 7.022 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Instrument :
BNA_F
ClientSampleId :
PB170206BS

Tgt Ion: 79 Resp: 152455

Ion	Ratio	Lower	Upper
79	100		
108	71.7	54.8	82.2
77	64.3	49.4	74.0

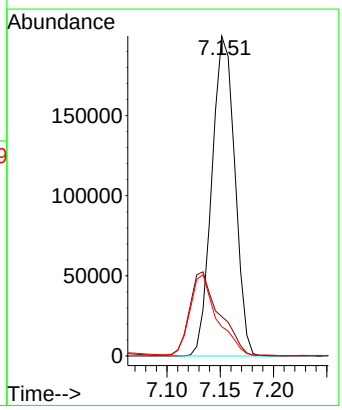


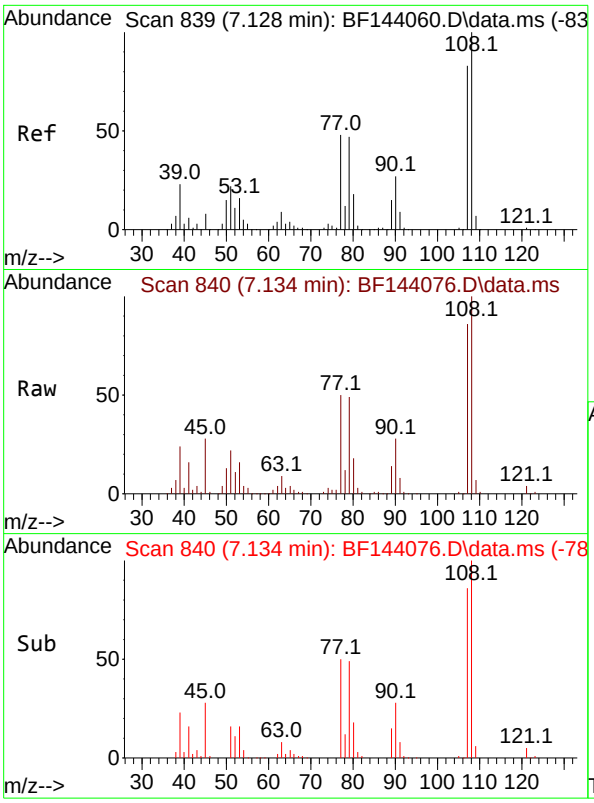


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.507 ng
RT: 7.151 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Tgt Ion: 45 Resp: 299293

Ion	Ratio	Lower	Upper
45	100		
77	12.3	0.0	30.9
79	9.2	0.0	28.2



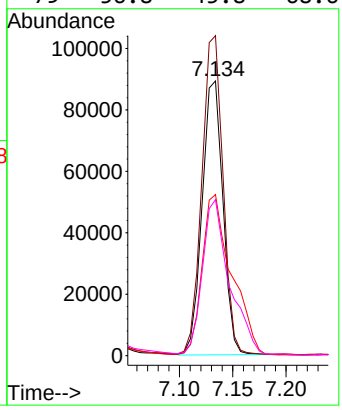


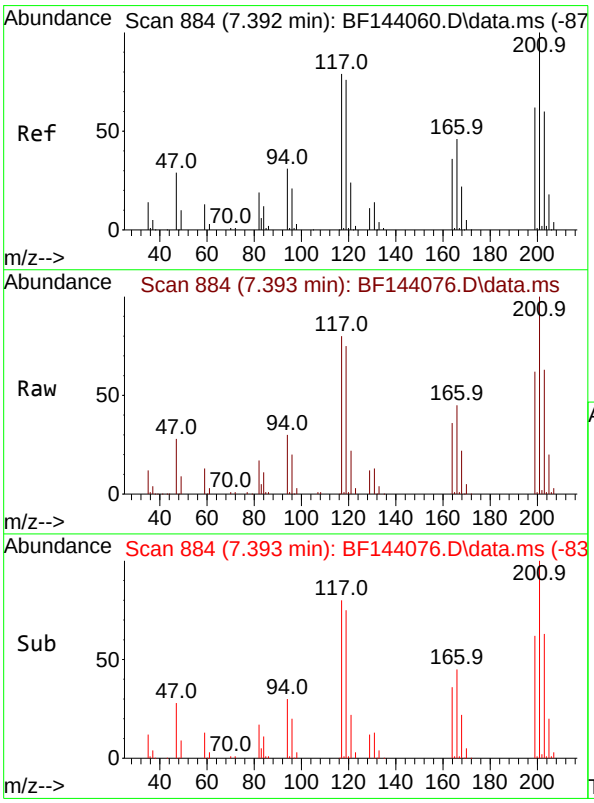
#17
2-Methylphenol
Concen: 41.157 ng
RT: 7.134 min Scan# 84
Delta R.T. 0.006 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Instrument :
BNA_F
ClientSampleId :
PB170206BS

Tgt Ion:107 Resp: 121478

Ion	Ratio	Lower	Upper
107	100		
108	116.5	96.4	144.6
77	58.7	46.8	70.2
79	56.8	45.8	68.6

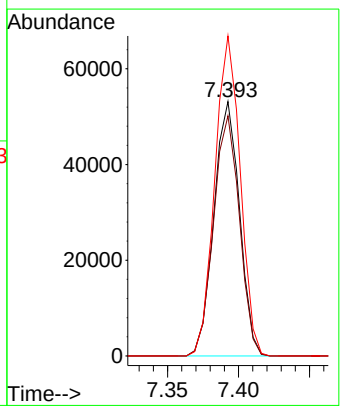


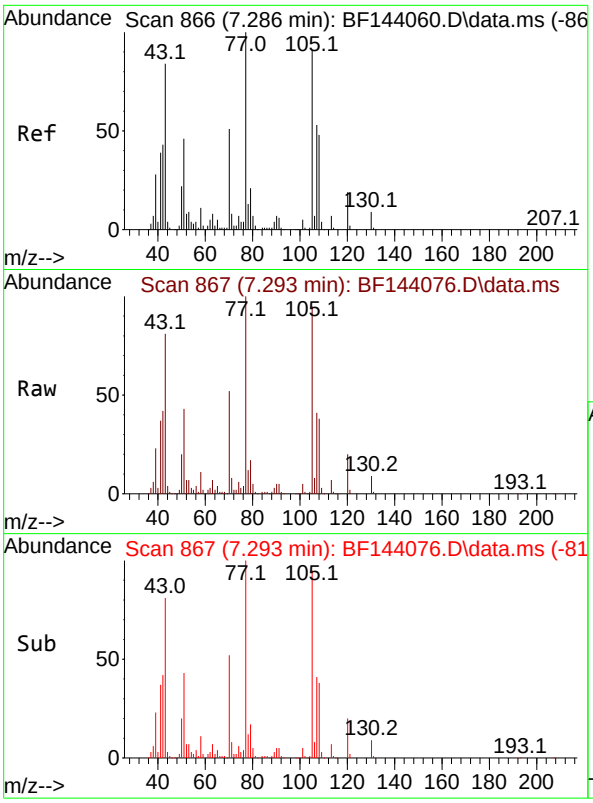


#18
Hexachloroethane
Concen: 39.990 ng
RT: 7.393 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Tgt Ion:117 Resp: 66701

Ion	Ratio	Lower	Upper
117	100		
119	94.4	76.6	115.0
201	125.8	100.9	151.3



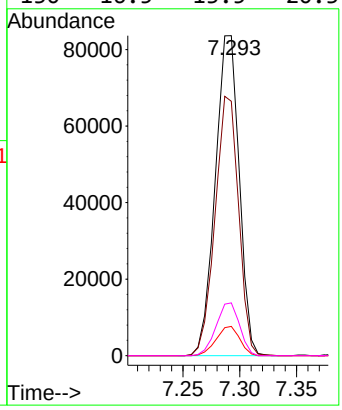


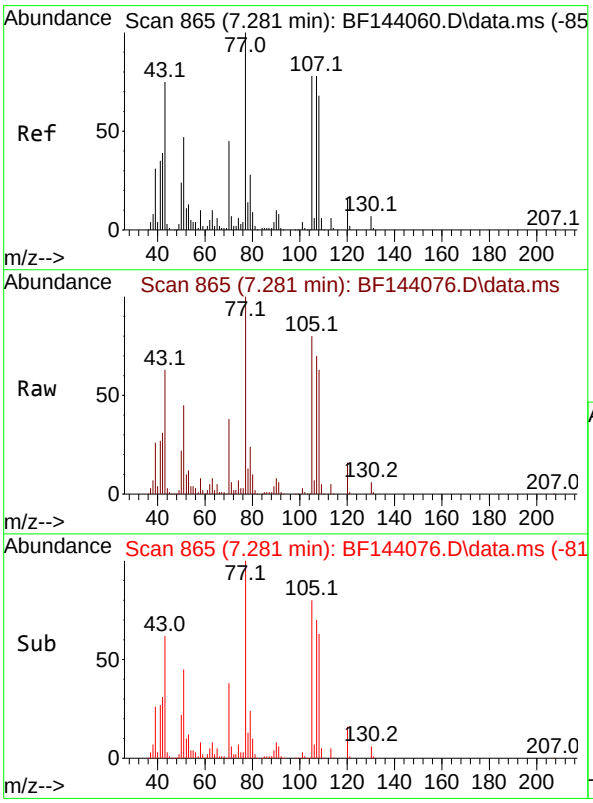
#19
n-Nitroso-di-n-propylamine
Concen: 44.060 ng
RT: 7.293 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Instrument :
BNA_F
ClientSampleId :
PB170206BS

Tgt Ion: 70 Resp: 122621

Ion	Ratio	Lower	Upper
70	100		
42	79.5	67.4	101.0
101	9.1	7.1	10.7
130	16.5	13.5	20.3

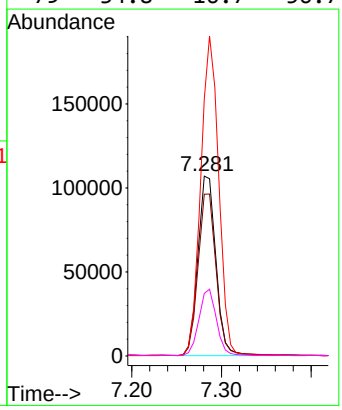


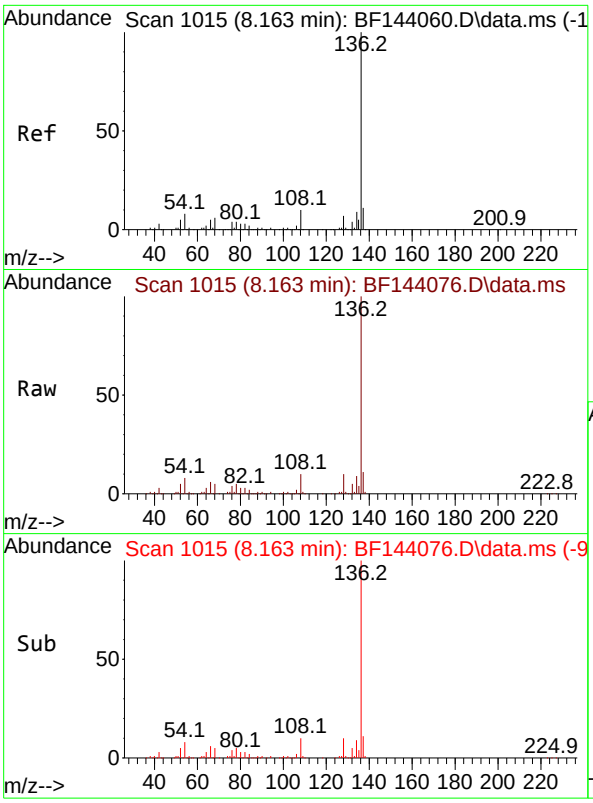


#20
3+4-Methylphenols
Concen: 42.737 ng
RT: 7.281 min Scan# 865
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Tgt Ion:107 Resp: 149120

Ion	Ratio	Lower	Upper
107	100		
108	89.9	68.0	108.0
77	142.8	108.7	148.7
79	34.8	16.7	56.7



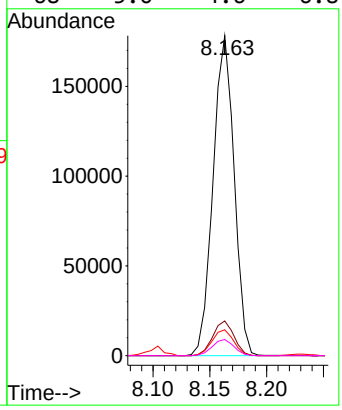


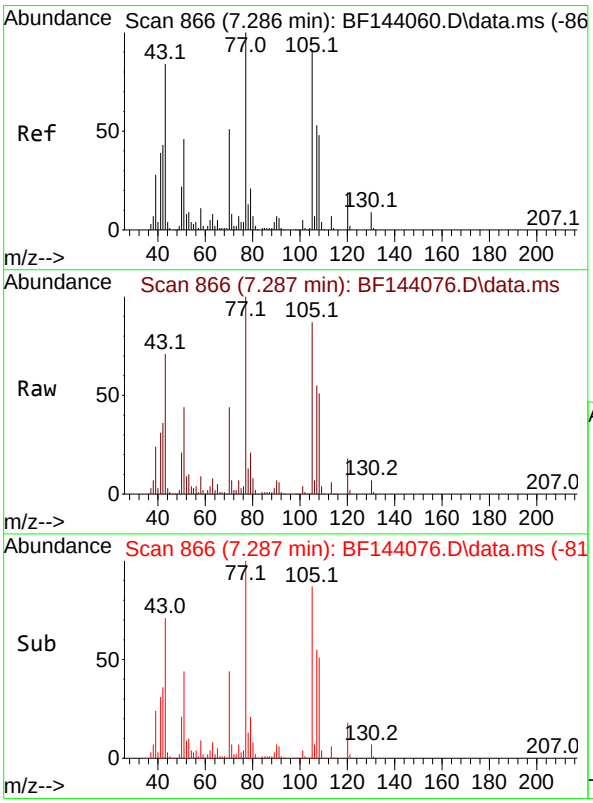
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Instrument :
BNA_F
ClientSampleId :
PB170206BS

Tgt Ion:136 Resp: 230299

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.1	6.6	9.8
68	5.0	4.6	6.8

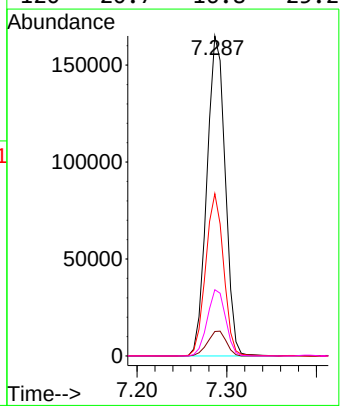


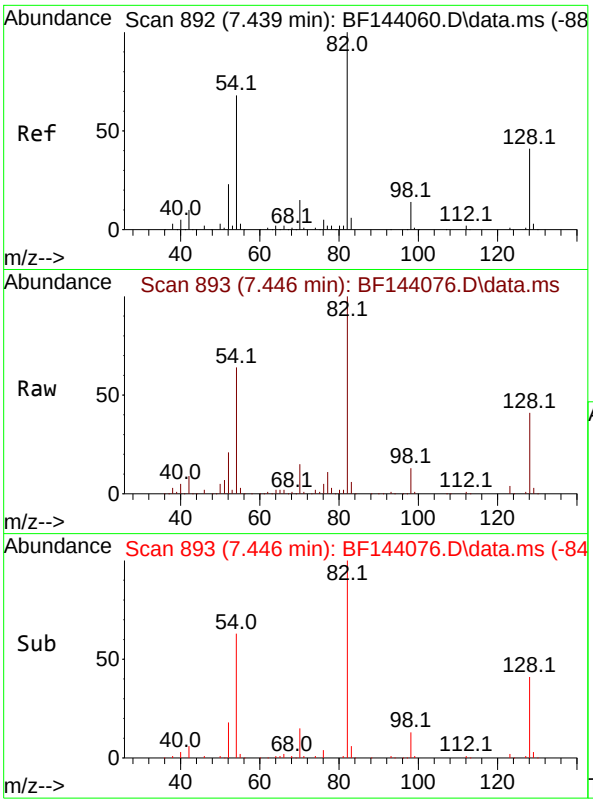


#22
Acetophenone
Concen: 47.038 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Tgt Ion:105 Resp: 234112

Ion	Ratio	Lower	Upper
105	100		
71	7.6	6.9	10.3
51	50.7	40.6	60.8
120	20.7	16.8	25.2



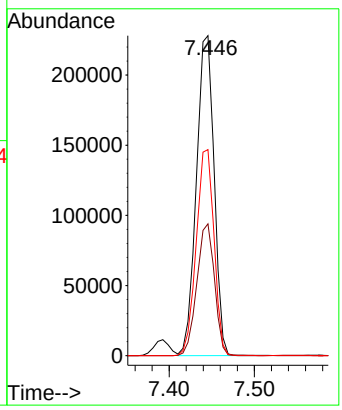


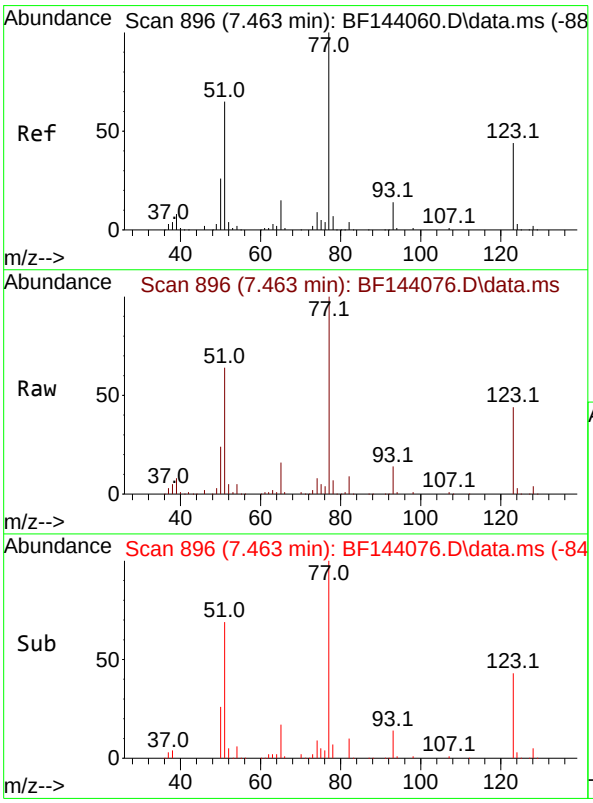
#23
Nitrobenzene-d5
Concen: 78.385 ng
RT: 7.446 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Instrument :
BNA_F
ClientSampleId :
PB170206BS

Tgt Ion: 82 Resp: 329493

Ion	Ratio	Lower	Upper
82	100		
128	41.2	32.4	48.6
54	64.4	54.0	81.0

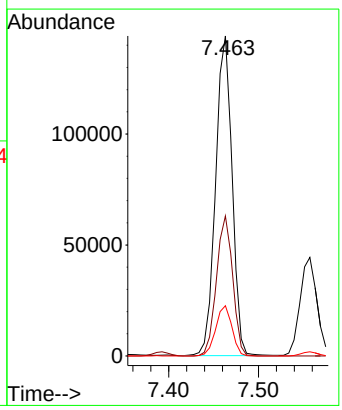


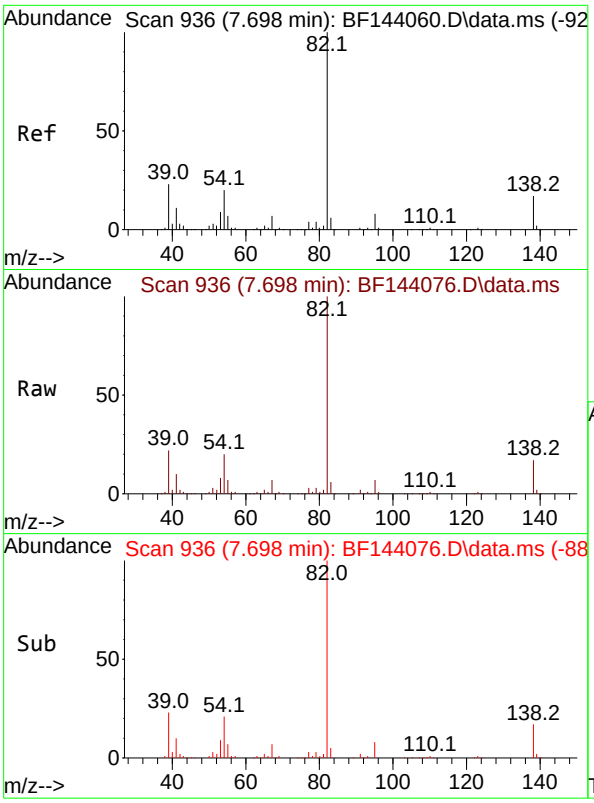


#24
Nitrobenzene
Concen: 41.276 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Tgt Ion: 77 Resp: 183540

Ion	Ratio	Lower	Upper
77	100		
123	43.7	35.0	52.6
65	15.7	12.2	18.2



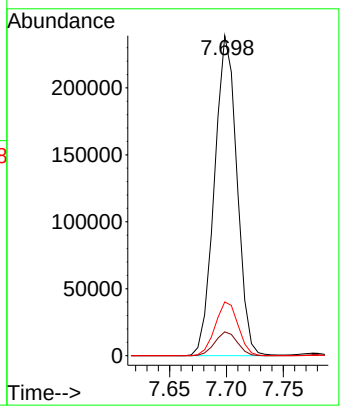


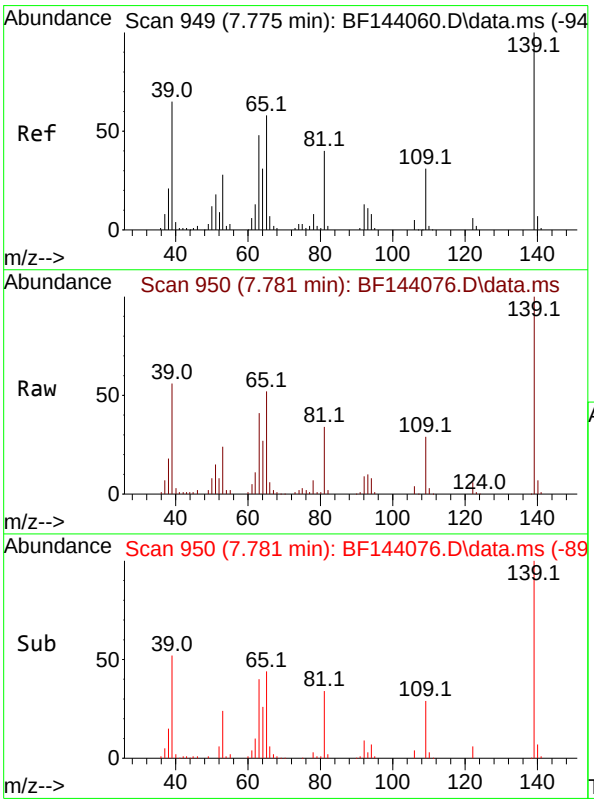
#25
Isophorone
Concen: 44.768 ng
RT: 7.698 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Instrument :
BNA_F
ClientSampleId :
PB170206BS

Tgt Ion: 82 Resp: 329004

Ion	Ratio	Lower	Upper
82	100		
95	7.4	6.6	9.8
138	16.8	13.8	20.8

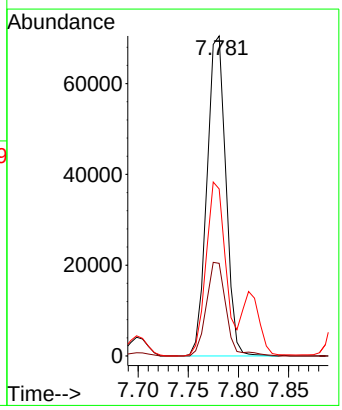


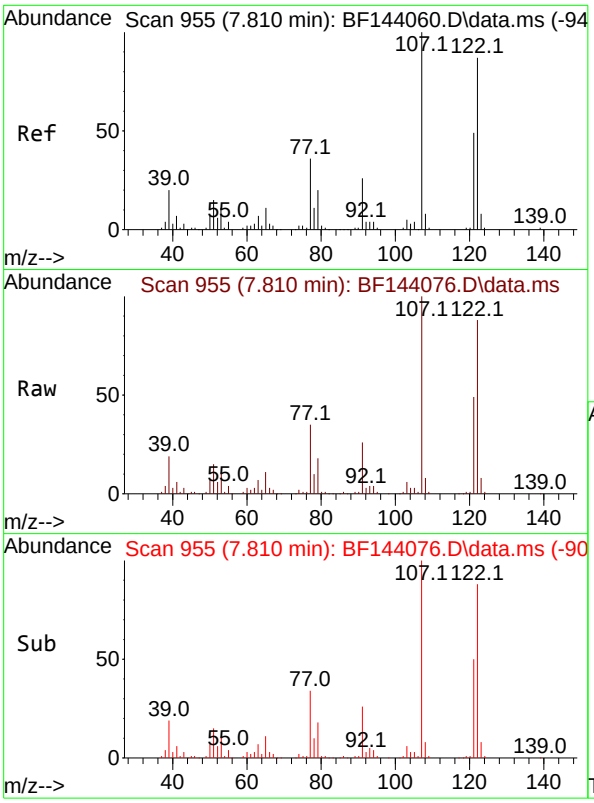


#26
2-Nitrophenol
Concen: 43.752 ng
RT: 7.781 min Scan# 950
Delta R.T. 0.006 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Tgt Ion:139 Resp: 92552

Ion	Ratio	Lower	Upper
139	100		
109	28.9	24.6	37.0
65	52.2	46.6	69.8



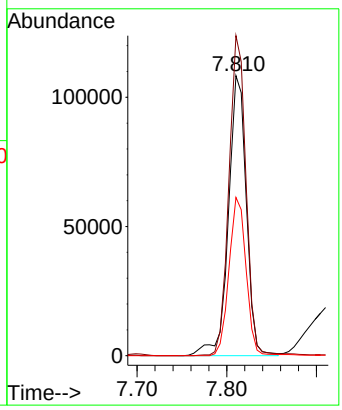


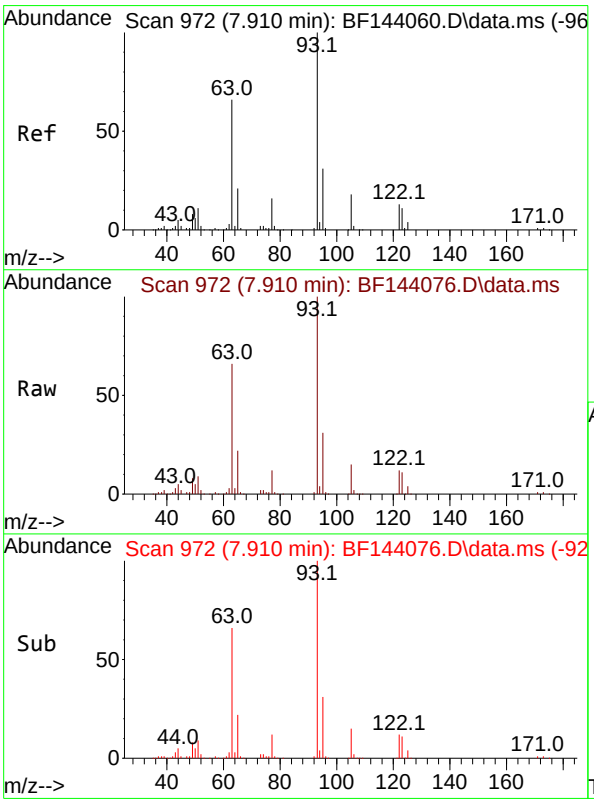
#27
2,4-Dimethylphenol
Concen: 47.652 ng
RT: 7.810 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Instrument :
BNA_F
ClientSampleId :
PB170206BS

Tgt Ion:122 Resp: 149796

Ion	Ratio	Lower	Upper
122	100		
107	114.3	91.8	137.8
121	56.5	45.2	67.8

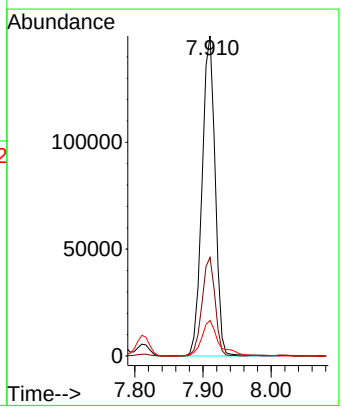


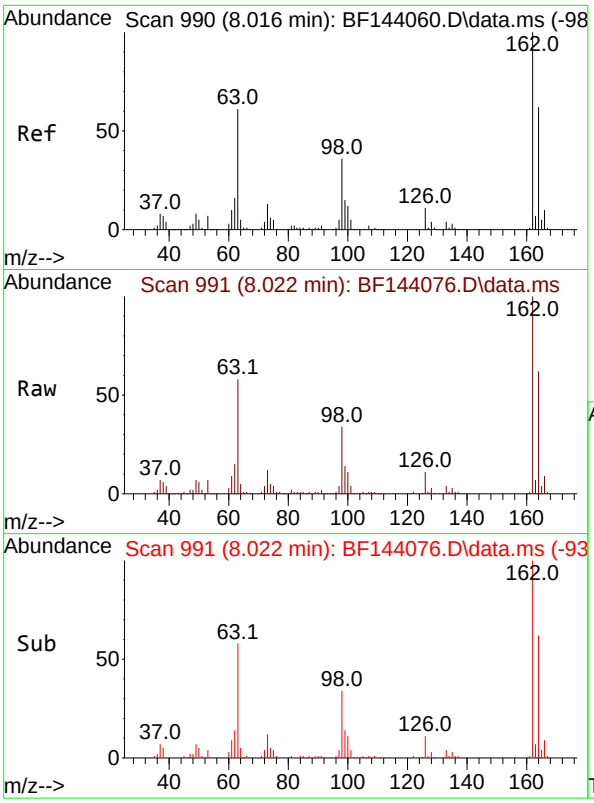


#28
bis(2-Chloroethoxy)methane
Concen: 43.835 ng
RT: 7.910 min Scan# 972
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Tgt Ion: 93 Resp: 200900

Ion	Ratio	Lower	Upper
93	100		
95	30.8	24.6	36.8
123	11.1	9.1	13.7



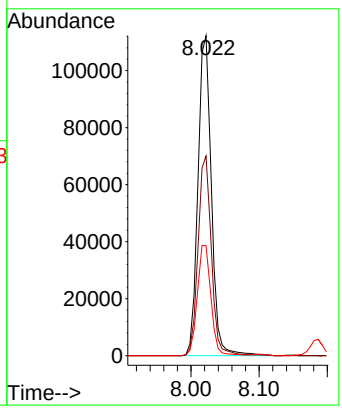


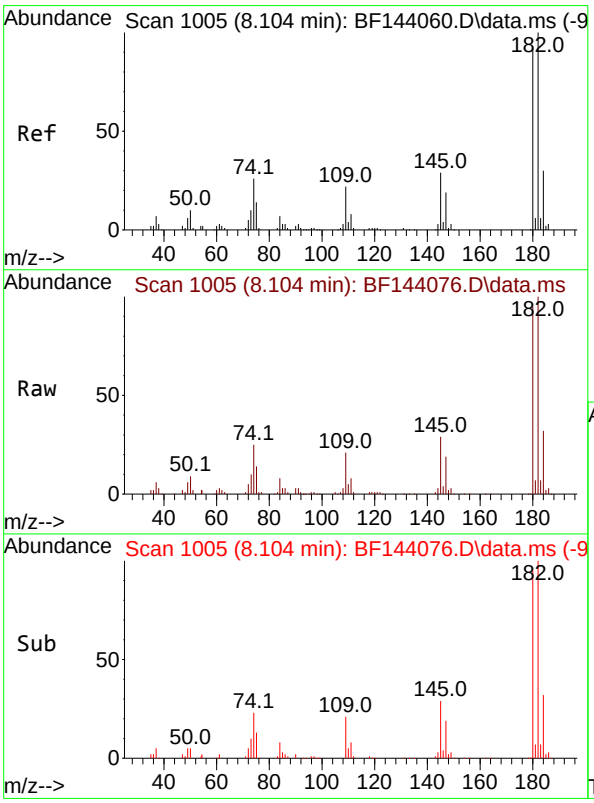
#29
2,4-Dichlorophenol
Concen: 42.036 ng
RT: 8.022 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Instrument :
BNA_F
ClientSampleId :
PB170206BS

Tgt Ion:162 Resp: 153673

Ion	Ratio	Lower	Upper
162	100		
164	62.4	42.1	82.1
98	34.4	16.0	56.0

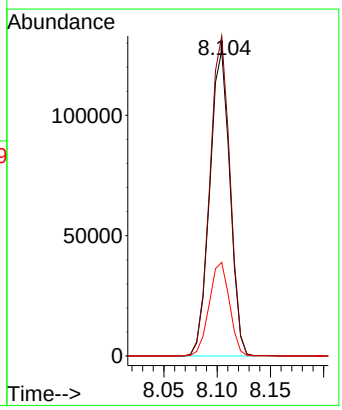


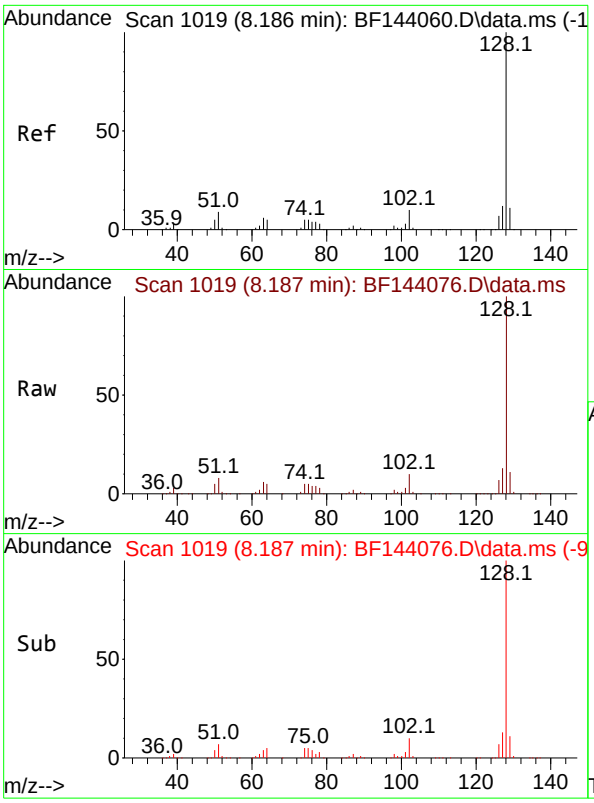


#30
1,2,4-Trichlorobenzene
Concen: 44.342 ng
RT: 8.104 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Tgt Ion:180 Resp: 166768

Ion	Ratio	Lower	Upper
180	100		
182	104.8	87.1	130.7
145	30.7	25.3	37.9



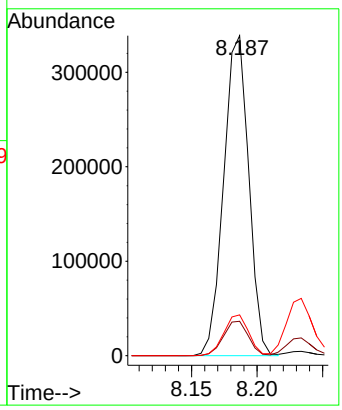


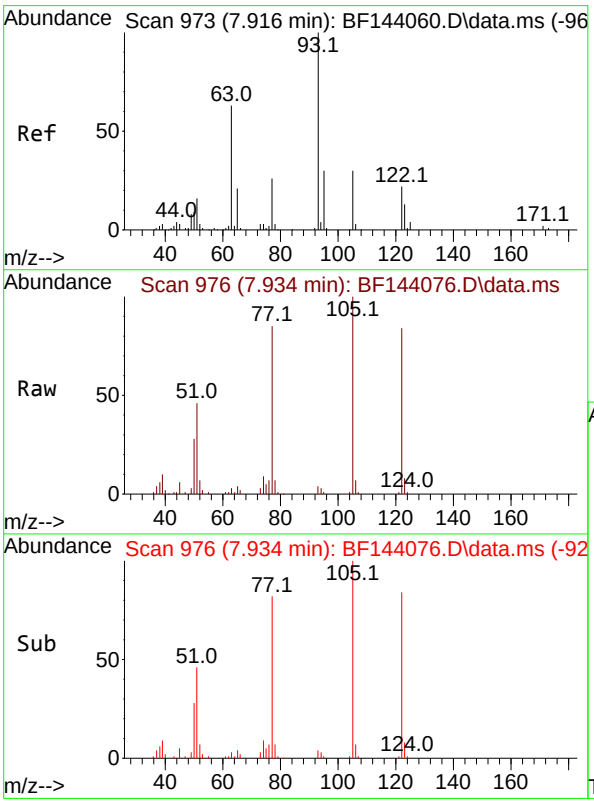
#31
Naphthalene
Concen: 41.369 ng
RT: 8.187 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Instrument :
BNA_F
ClientSampleId :
PB170206BS

Tgt Ion:128 Resp: 449660

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.4	12.6
127	12.7	9.9	14.9

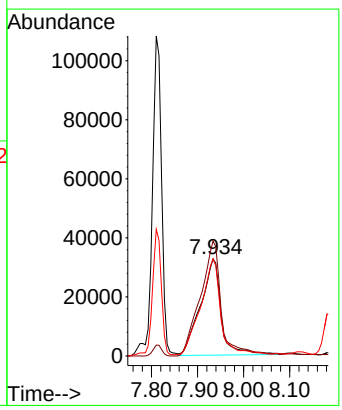


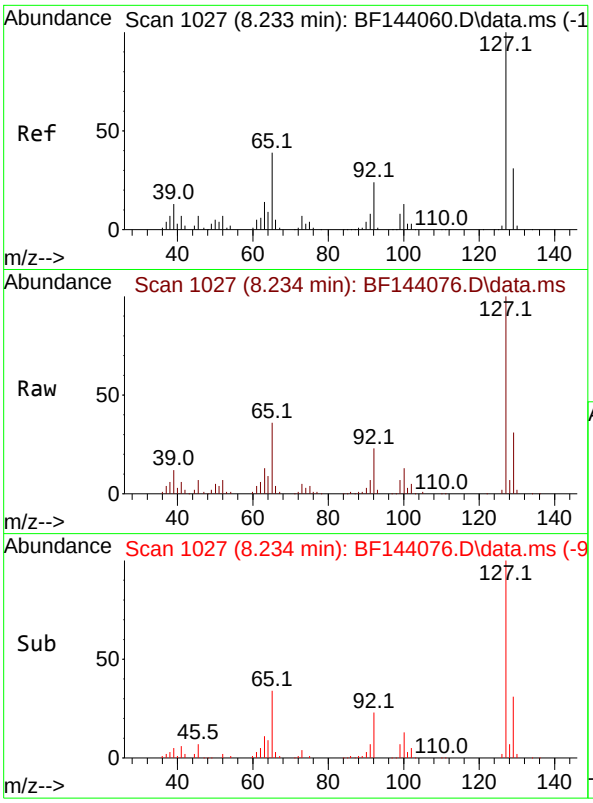


#32
Benzoic acid
Concen: 51.023 ng
RT: 7.934 min Scan# 976
Delta R.T. 0.018 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Tgt Ion:122 Resp: 101741

Ion	Ratio	Lower	Upper
122	100		
105	118.6	111.3	151.3
77	100.3	96.7	136.7



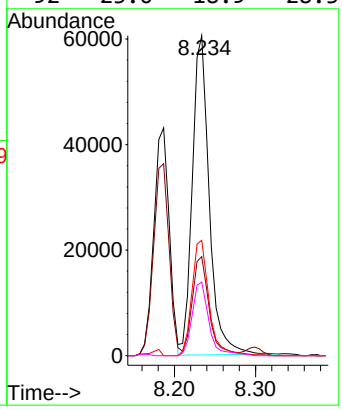


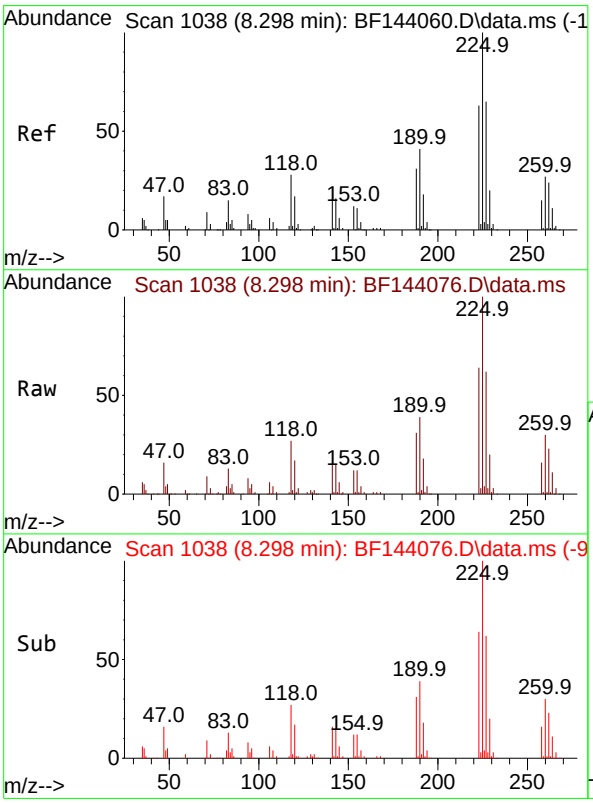
#33
4-Chloroaniline
Concen: 23.236 ng
RT: 8.234 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Instrument :
BNA_F
ClientSampleId :
PB170206BS

Tgt Ion:127 Resp: 87921

Ion	Ratio	Lower	Upper
127	100		
129	31.0	25.6	38.4
65	36.1	30.9	46.3
92	23.0	18.9	28.3

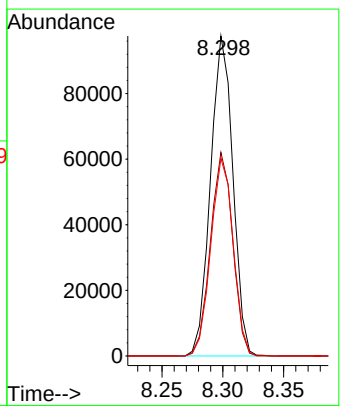


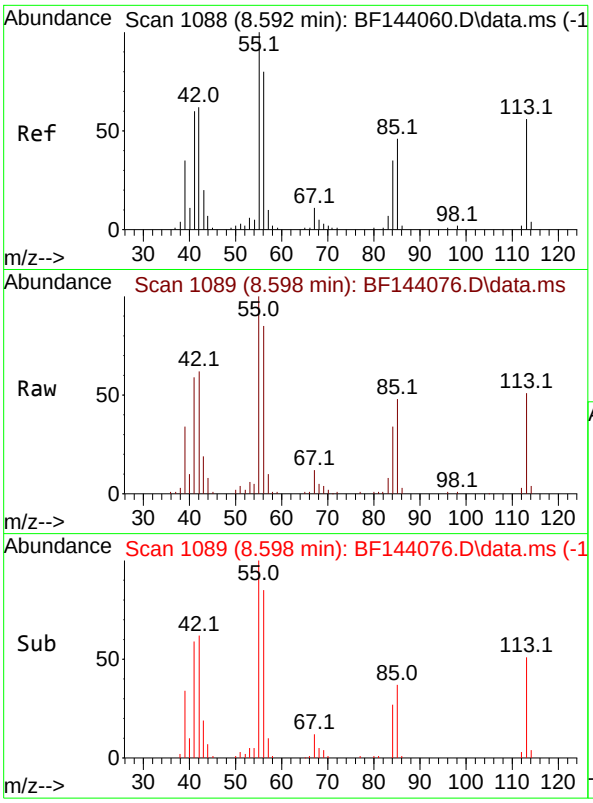


#34
Hexachlorobutadiene
Concen: 40.536 ng
RT: 8.298 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Tgt Ion:225 Resp: 124657

Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.6	76.0
227	61.8	51.8	77.8



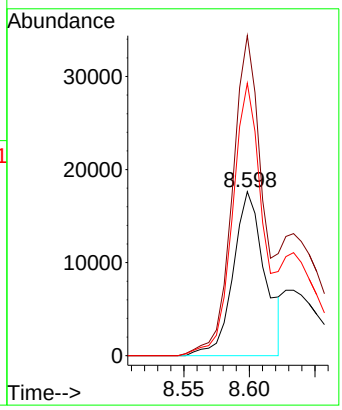


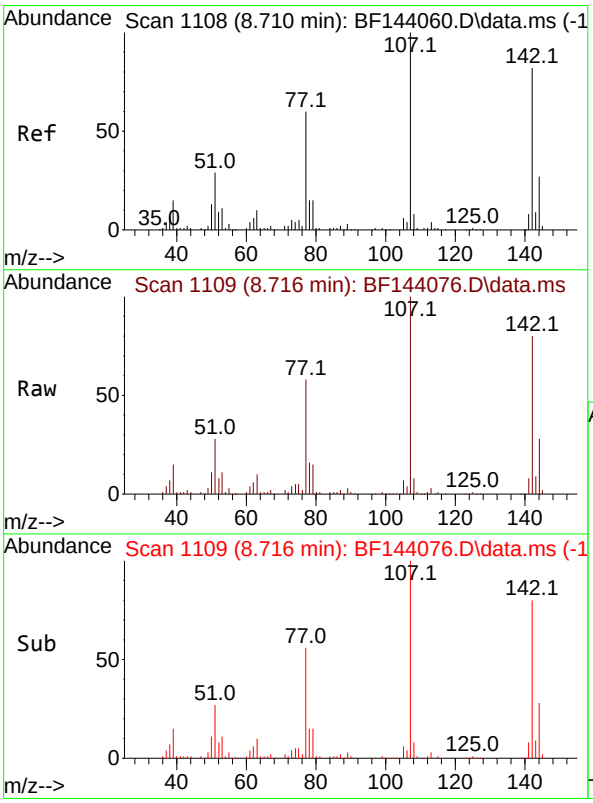
#35
Caprolactam
Concen: 32.357 ng
RT: 8.598 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Instrument :
BNA_F
ClientSampleId :
PB170206BS

Tgt Ion:113 Resp: 29663

Ion	Ratio	Lower	Upper
113	100		
55	195.1	160.1	200.1
56	166.1	124.9	164.9#

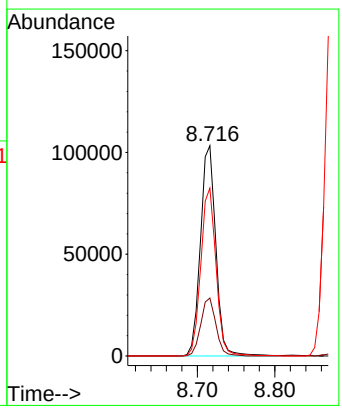


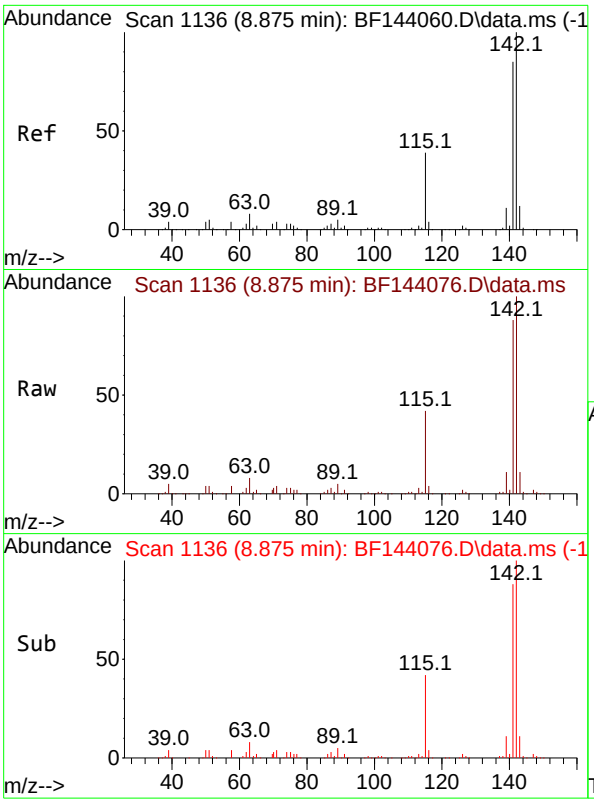


#36
4-Chloro-3-methylphenol
Concen: 44.115 ng
RT: 8.716 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Tgt Ion:107 Resp: 142318

Ion	Ratio	Lower	Upper
107	100		
144	27.6	21.6	32.4
142	79.8	65.4	98.0



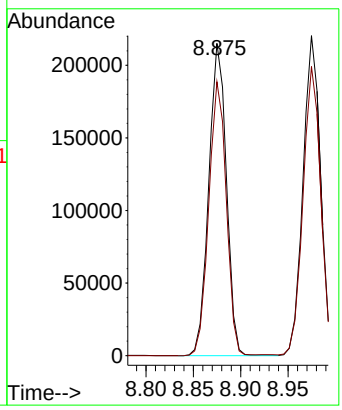


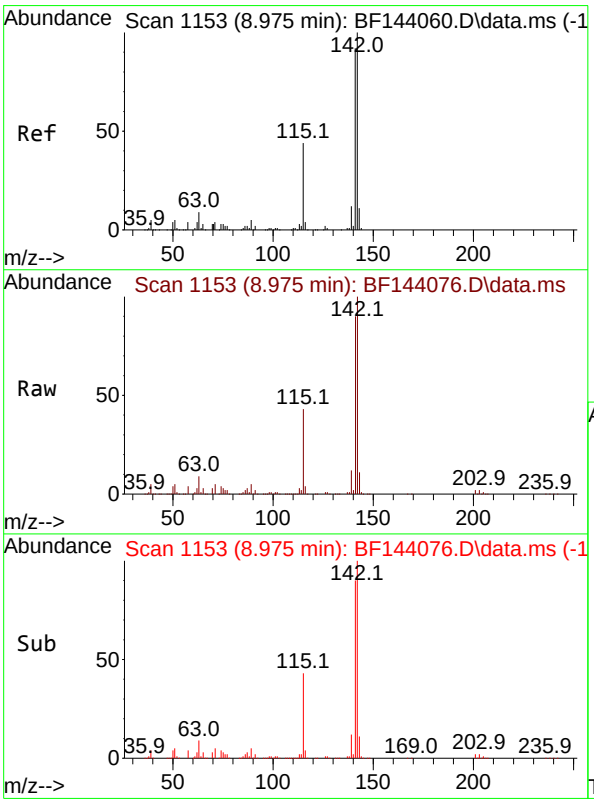
#37
2-Methylnaphthalene
Concen: 38.783 ng
RT: 8.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Instrument :
BNA_F
ClientSampleId :
PB170206BS

Tgt Ion:142 Resp: 277936

Ion	Ratio	Lower	Upper
142	100		
141	87.7	67.6	101.4

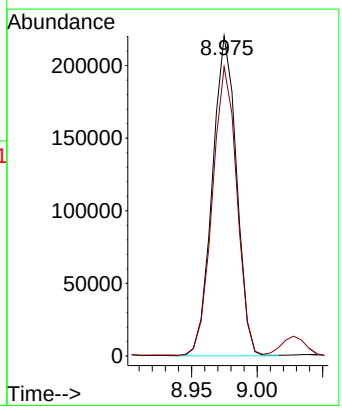


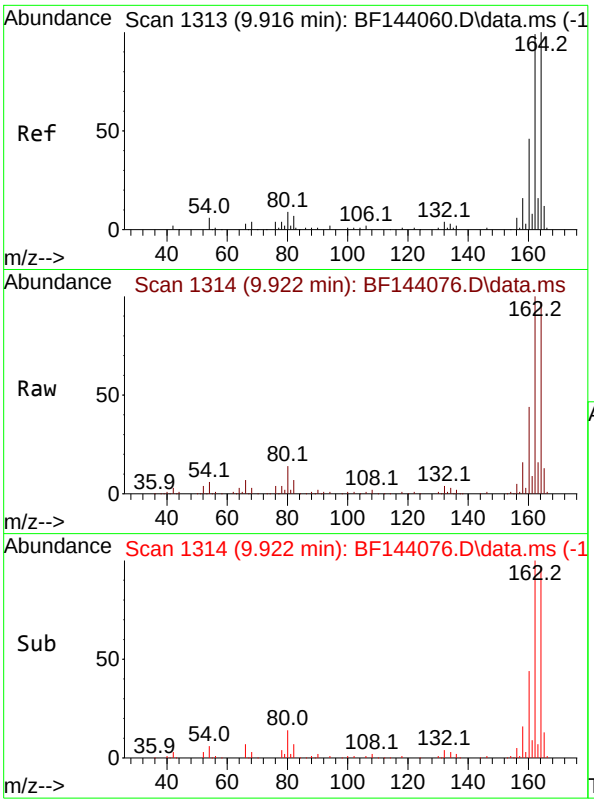


#38
1-Methylnaphthalene
Concen: 41.538 ng
RT: 8.975 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Tgt Ion:142 Resp: 282025

Ion	Ratio	Lower	Upper
142	100		
141	90.4	73.4	110.2



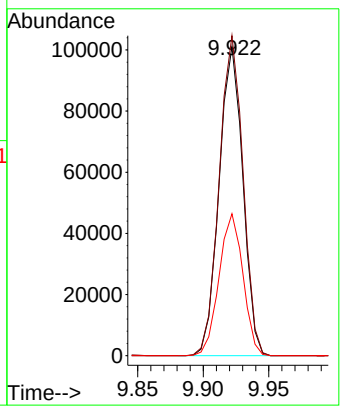


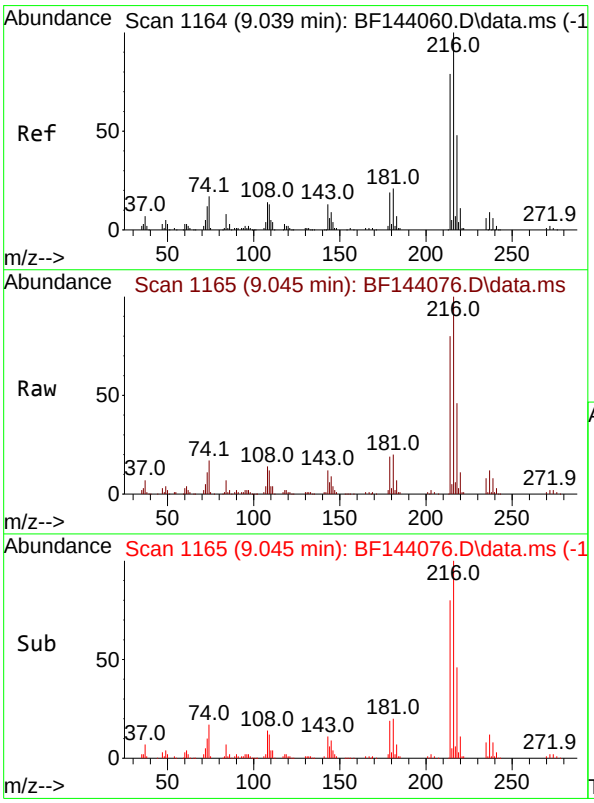
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Instrument :
BNA_F
ClientSampleId :
PB170206BS

Tgt Ion:164 Resp: 126935

Ion	Ratio	Lower	Upper
164	100		
162	103.5	79.4	119.2
160	45.9	36.7	55.1

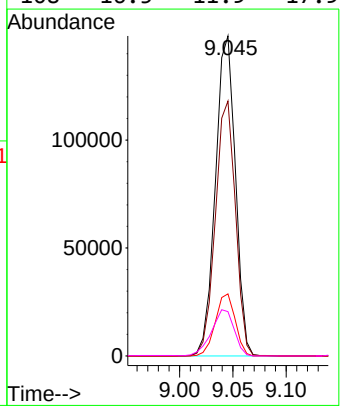


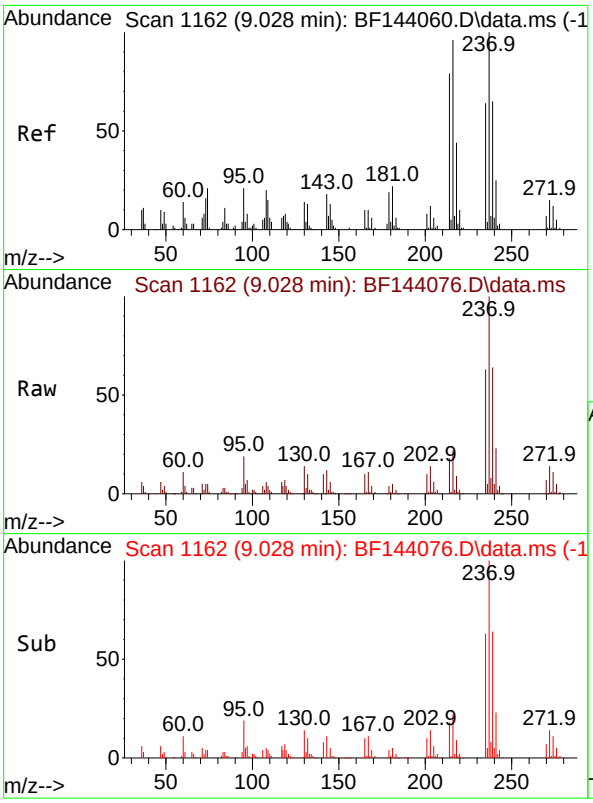


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.297 ng
RT: 9.045 min Scan# 1165
Delta R.T. 0.006 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Tgt Ion:216 Resp: 193244

Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.2	94.8
179	19.3	15.2	22.8
108	16.5	11.9	17.9



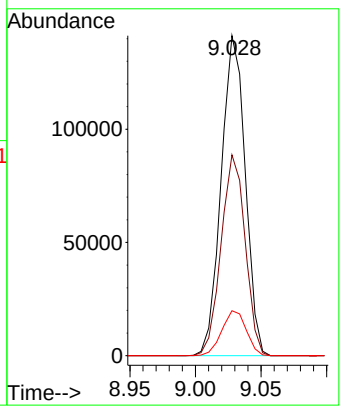


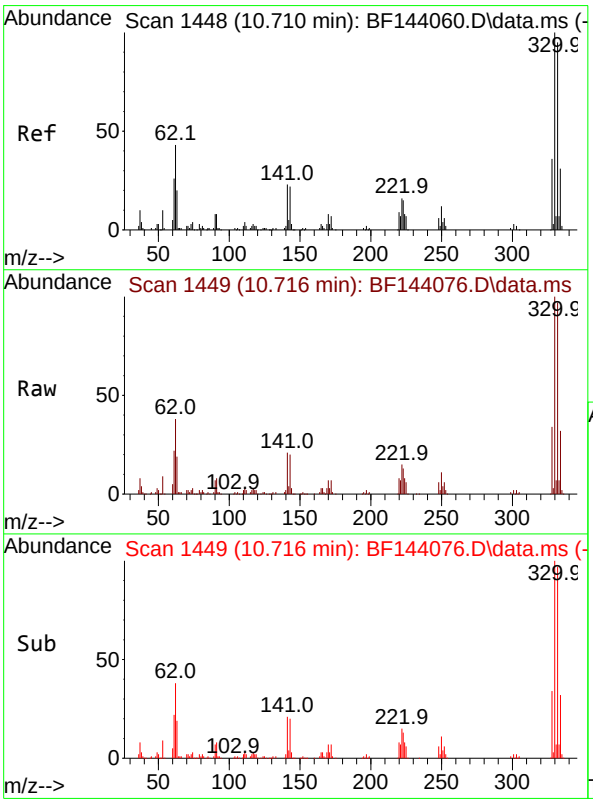
#41
Hexachlorocyclopentadiene
Concen: 133.824 ng
RT: 9.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Instrument :
BNA_F
ClientSampleId :
PB170206BS

Tgt Ion:237 Resp: 180317

Ion	Ratio	Lower	Upper
237	100		
235	62.7	44.3	84.3
272	14.1	0.0	35.2

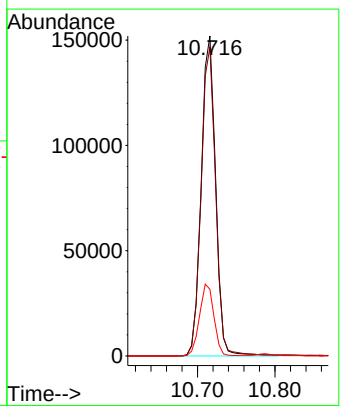


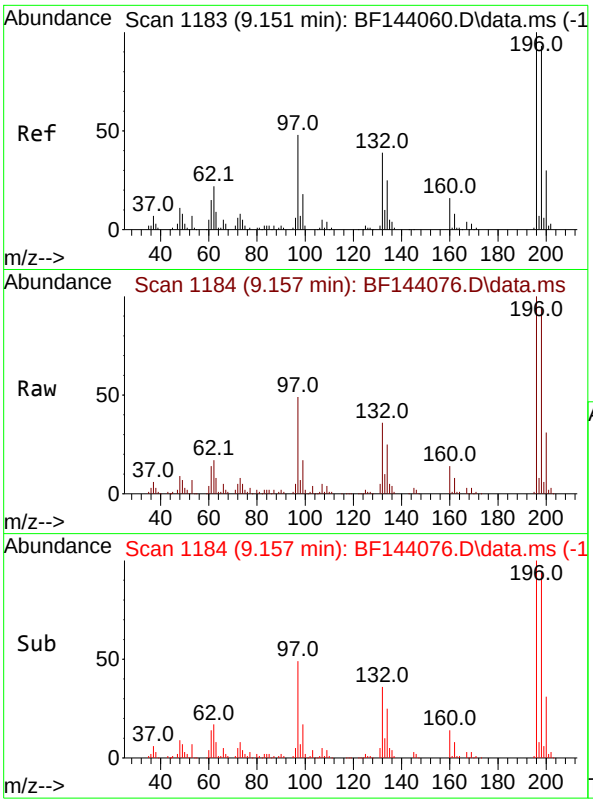


#42
2,4,6-Tribromophenol
Concen: 121.307 ng
RT: 10.716 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Tgt Ion:330 Resp: 196142

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	22.5	19.4	29.0



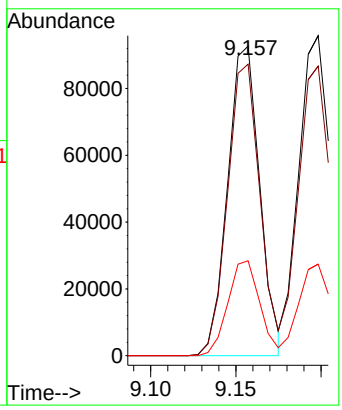


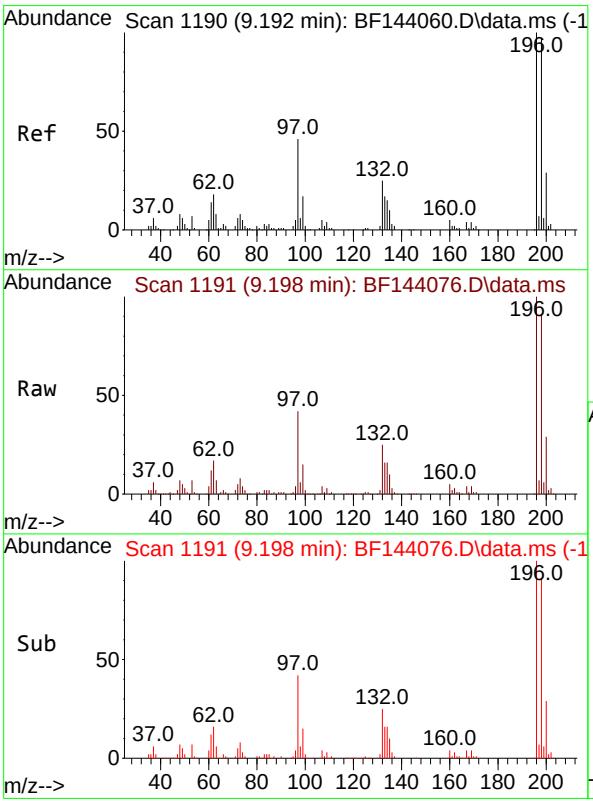
#43
2,4,6-Trichlorophenol
Concen: 42.835 ng
RT: 9.157 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Instrument :
BNA_F
ClientSampleId :
PB170206BS

Tgt Ion:196 Resp: 121463

Ion	Ratio	Lower	Upper
196	100		
198	94.1	74.4	111.6
200	30.7	23.8	35.8

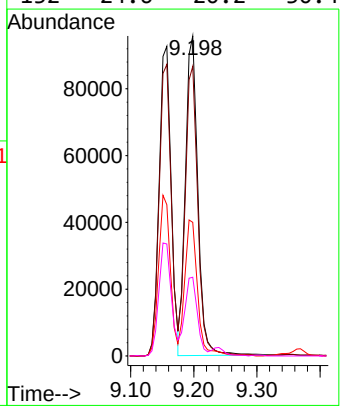


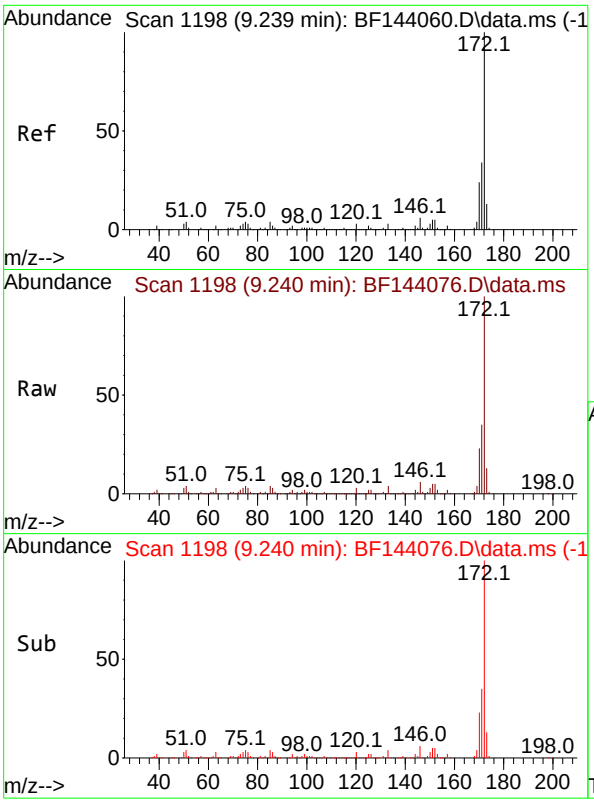


#44
2,4,5-Trichlorophenol
Concen: 44.272 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Tgt Ion:196 Resp: 131752

Ion	Ratio	Lower	Upper
196	100		
198	90.5	78.0	117.0
97	41.8	37.7	56.5
132	24.6	20.2	30.4



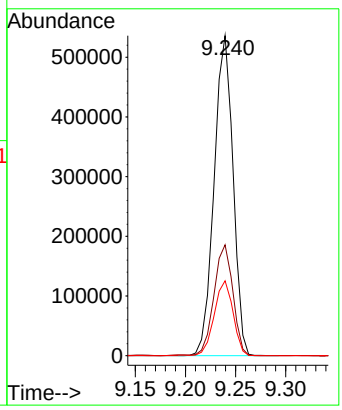


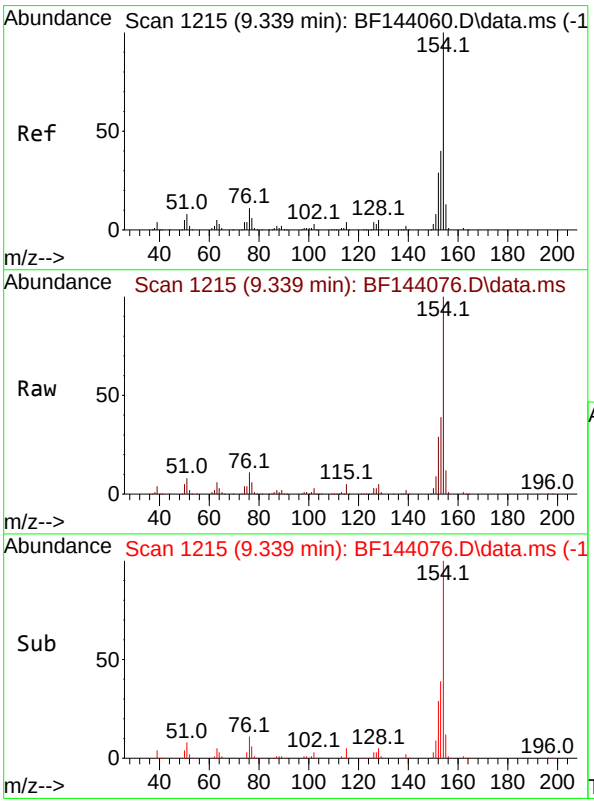
#45
2-Fluorobiphenyl
Concen: 77.831 ng
RT: 9.240 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Instrument :
BNA_F
ClientSampleId :
PB170206BS

Tgt Ion:172 Resp: 702060

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.5	41.3
170	23.4	19.0	28.6

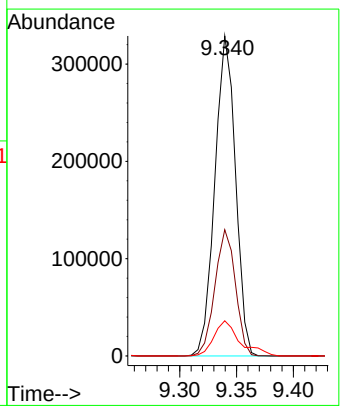


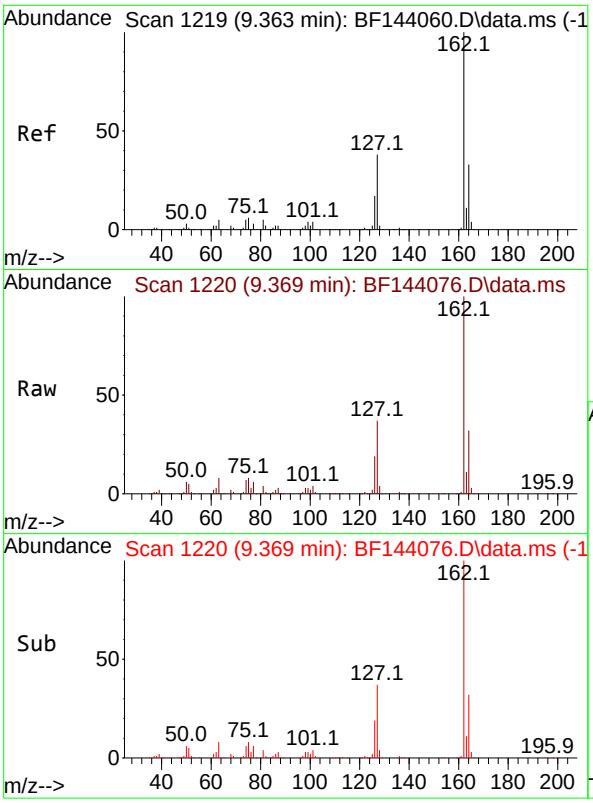


#46
1,1'-Biphenyl
Concen: 45.784 ng
RT: 9.339 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Tgt Ion:154 Resp: 416023

Ion	Ratio	Lower	Upper
154	100		
153	39.4	19.7	59.7
76	11.0	0.0	31.1



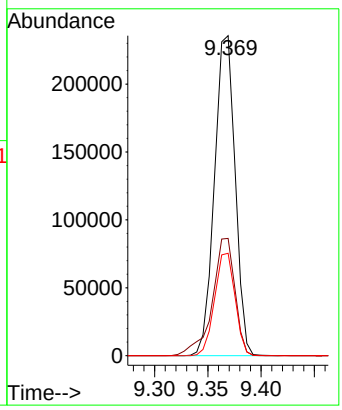


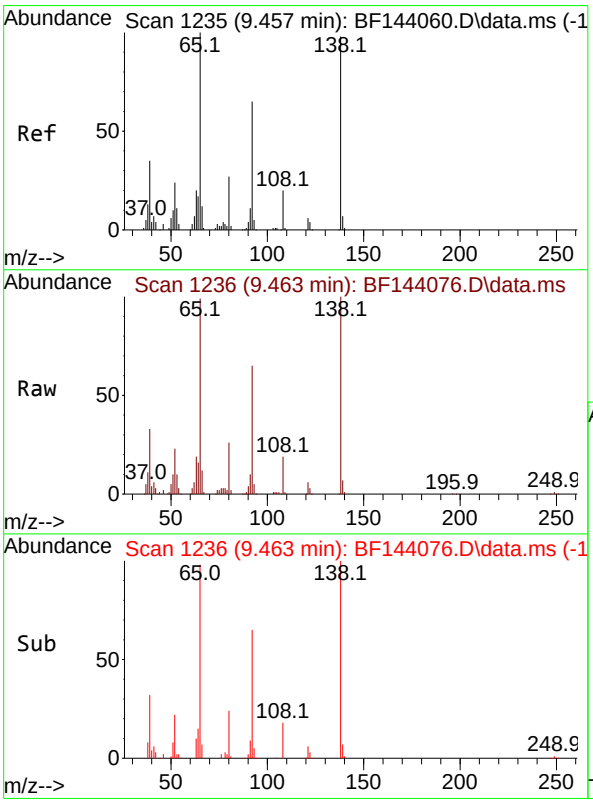
#47
2-Chloronaphthalene
Concen: 41.749 ng
RT: 9.369 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Instrument :
BNA_F
ClientSampleId :
PB170206BS

Tgt Ion:162 Resp: 317814

Ion	Ratio	Lower	Upper
162	100		
127	36.7	31.6	47.4
164	32.0	26.5	39.7

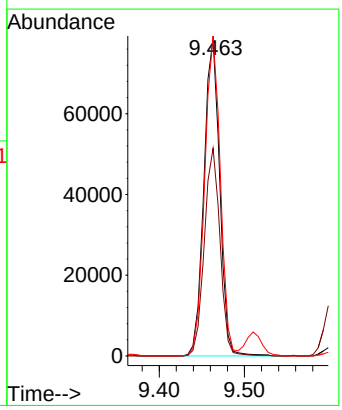


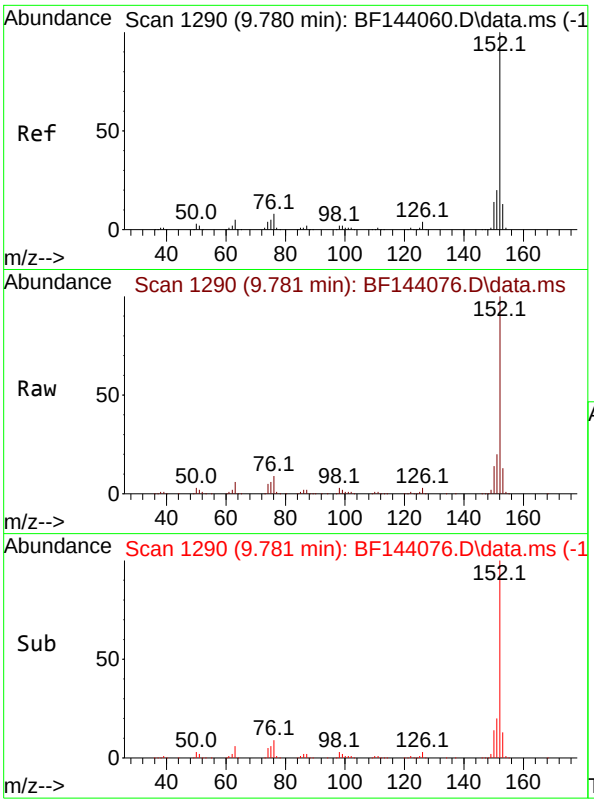


#48
2-Nitroaniline
Concen: 44.613 ng
RT: 9.463 min Scan# 1236
Delta R.T. 0.006 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Tgt Ion: 65 Resp: 100849

Ion	Ratio	Lower	Upper
65	100		
92	65.5	52.3	78.5
138	101.0	78.3	117.5



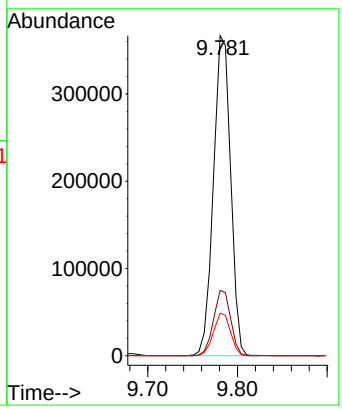


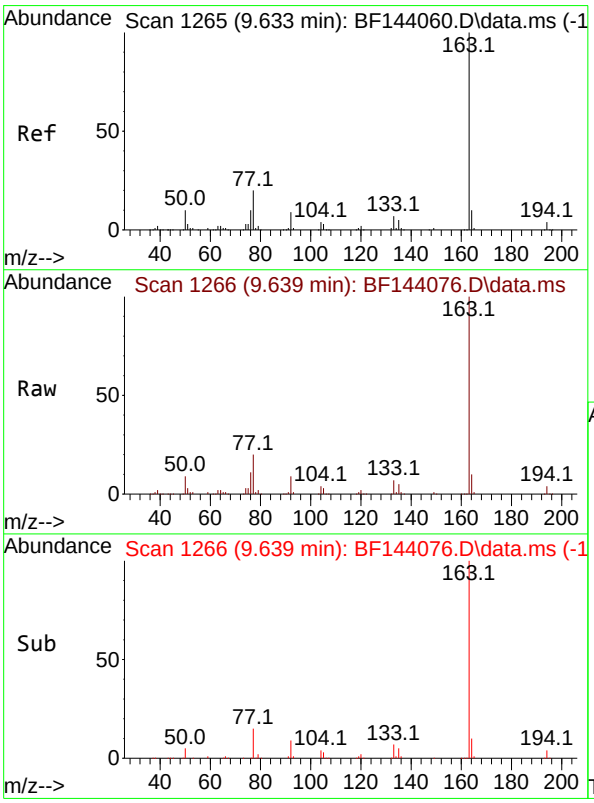
#49
Acenaphthylene
Concen: 47.567 ng
RT: 9.781 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Instrument :
BNA_F
ClientSampleId :
PB170206BS

Tgt Ion:152 Resp: 488250

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.9	23.9
153	13.3	10.4	15.6

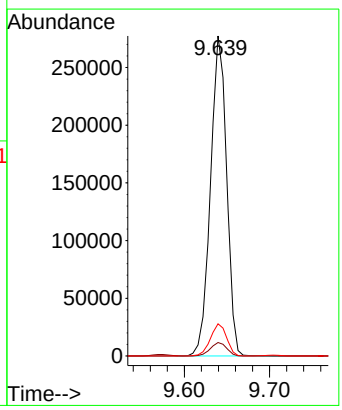


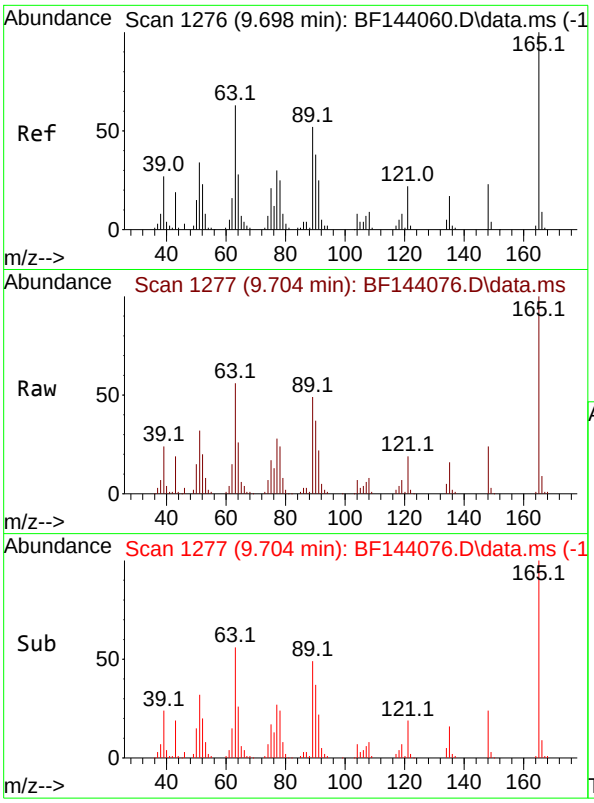


#50
Dimethylphthalate
Concen: 43.887 ng
RT: 9.639 min Scan# 1266
Delta R.T. 0.006 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Tgt Ion:163 Resp: 365152

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.0	7.8	11.8



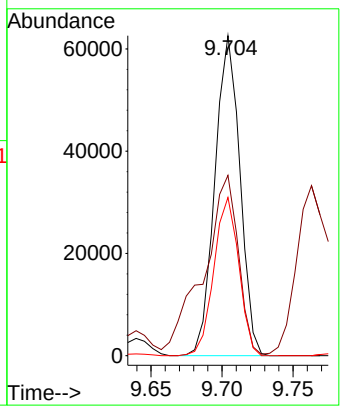


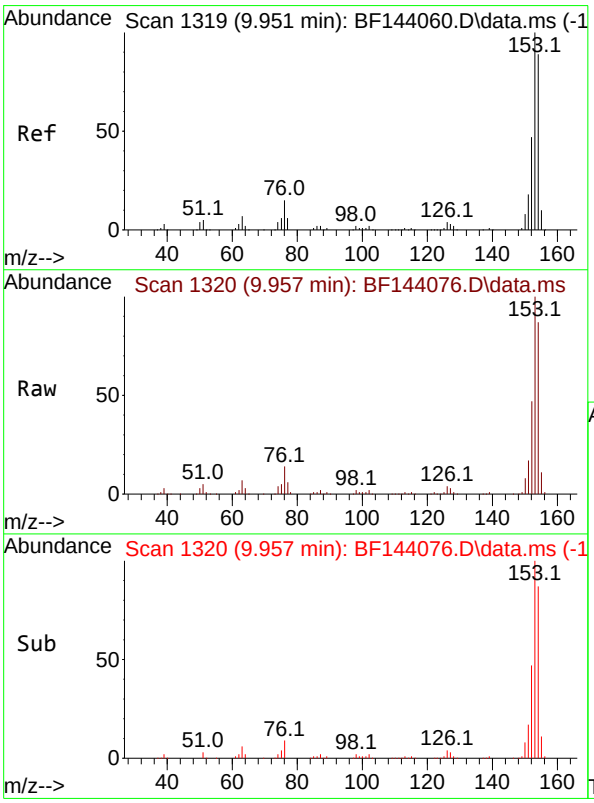
#51
2,6-Dinitrotoluene
Concen: 46.689 ng
RT: 9.704 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Instrument :
BNA_F
ClientSampleId :
PB170206BS

Tgt Ion:165 Resp: 76797

Ion	Ratio	Lower	Upper
165	100		
63	56.3	50.4	75.6
89	49.5	41.4	62.2

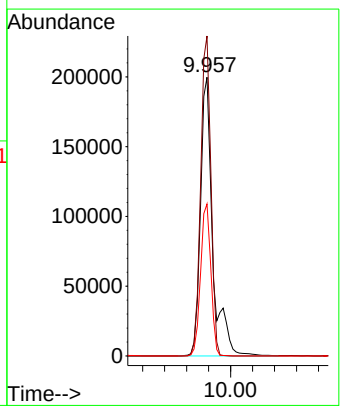


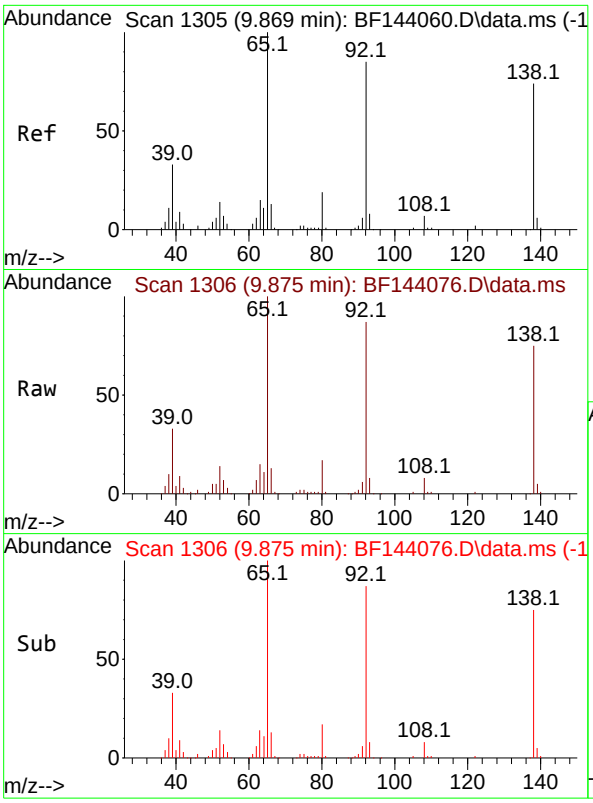


#52
Acenaphthene
Concen: 45.192 ng
RT: 9.957 min Scan# 1320
Delta R.T. 0.006 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Tgt Ion:154 Resp: 309791

Ion	Ratio	Lower	Upper
154	100		
153	114.8	89.9	134.9
152	54.5	42.0	63.0



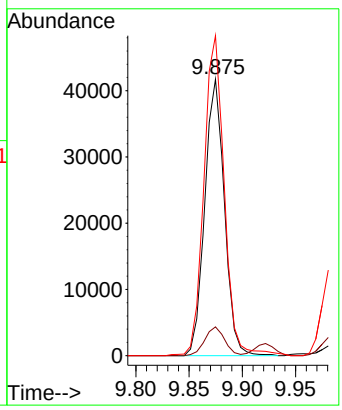


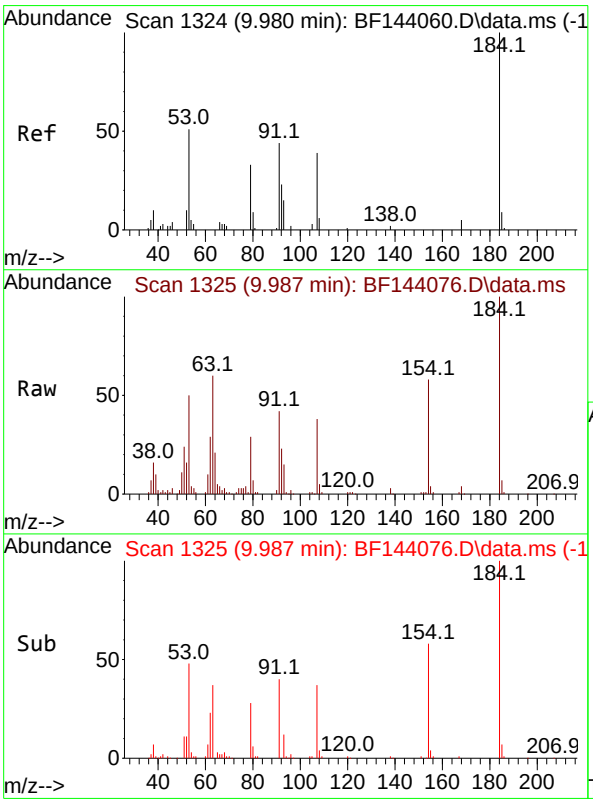
#53
3-Nitroaniline
Concen: 29.317 ng
RT: 9.875 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Instrument :
BNA_F
ClientSampleId :
PB170206BS

Tgt Ion:138 Resp: 53614

Ion	Ratio	Lower	Upper
138	100		
108	10.5	7.9	11.9
92	115.8	92.0	138.0

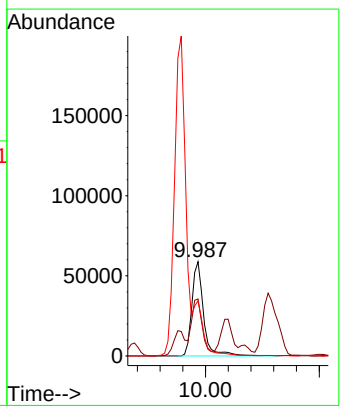


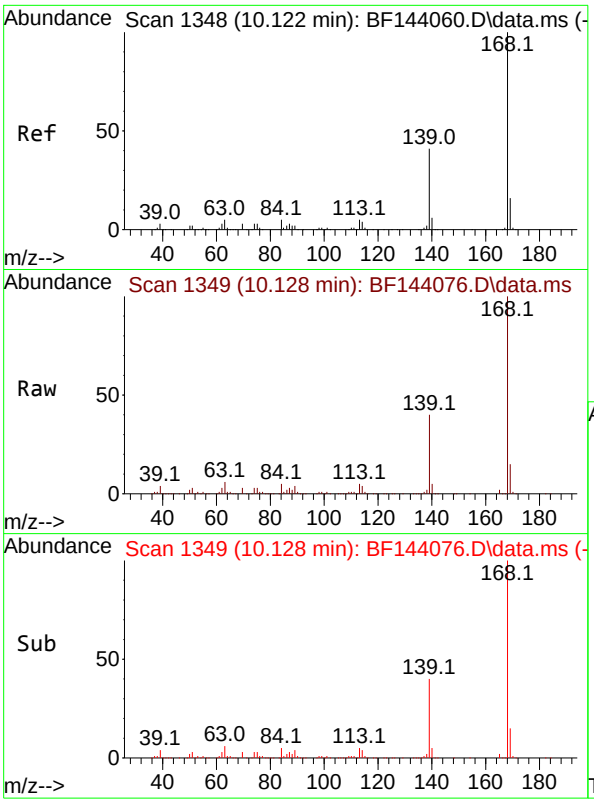


#54
2,4-Dinitrophenol
Concen: 95.333 ng
RT: 9.987 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Tgt Ion:184 Resp: 84812

Ion	Ratio	Lower	Upper
184	100		
63	60.5	52.1	78.1
154	58.4	47.9	71.9



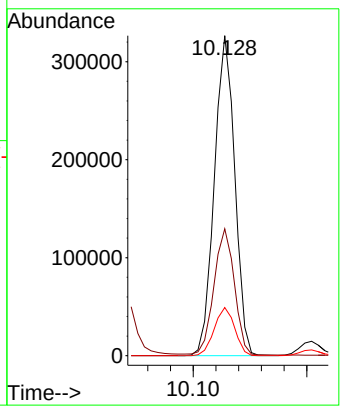


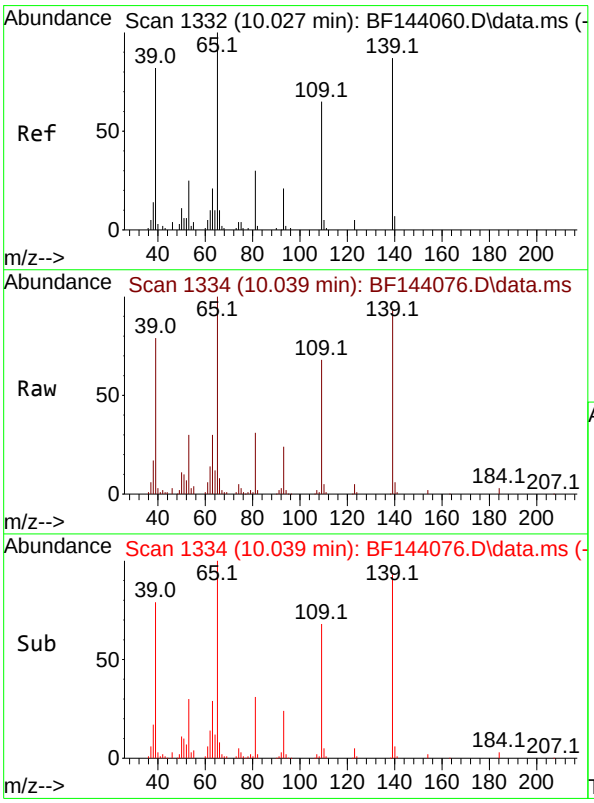
#55
Dibenzofuran
Concen: 42.917 ng
RT: 10.128 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Instrument :
BNA_F
ClientSampleId :
PB170206BS

Tgt Ion:168 Resp: 408424

Ion	Ratio	Lower	Upper
168	100		
139	39.6	33.2	49.8
169	15.0	12.6	19.0

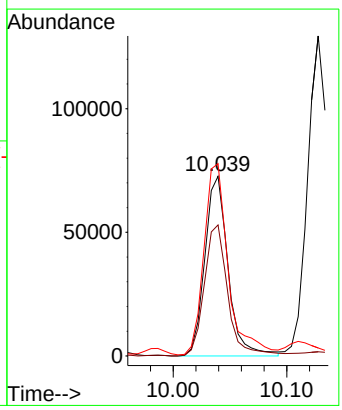


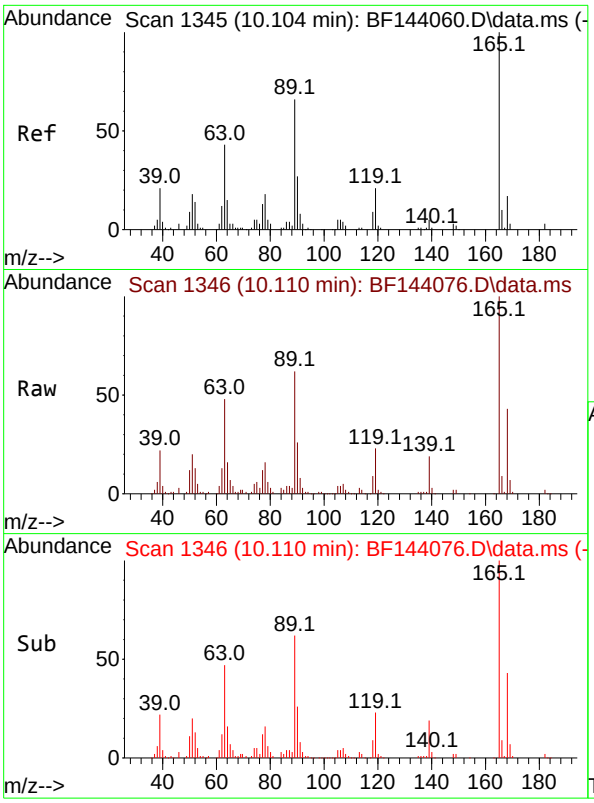


#56
4-Nitrophenol
Concen: 83.365 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.012 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Tgt Ion:139 Resp: 103237

Ion	Ratio	Lower	Upper
139	100		
109	72.9	53.8	93.8
65	107.0	95.9	135.9



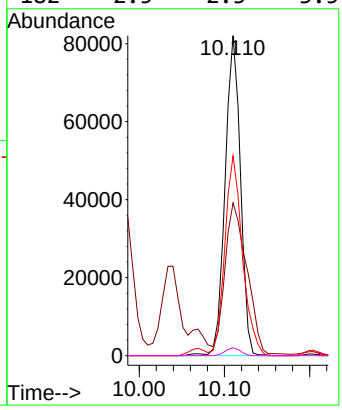


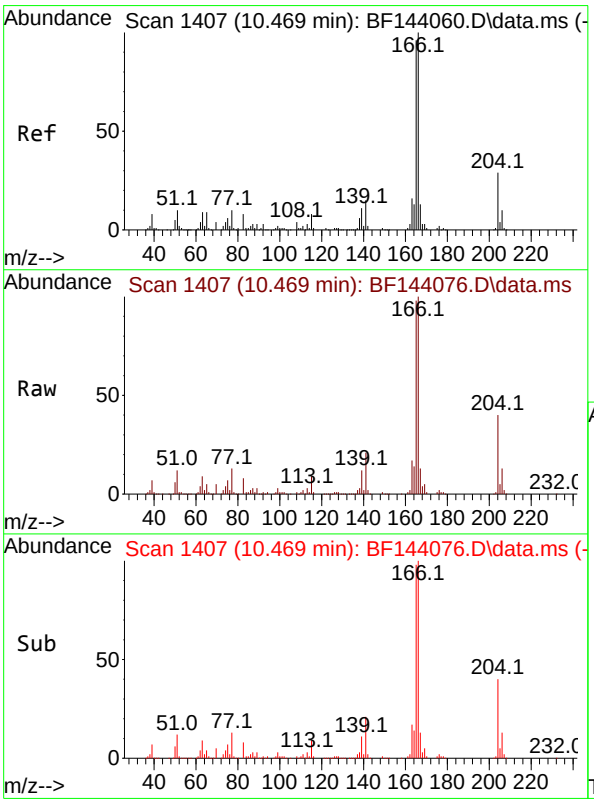
#57
2,4-Dinitrotoluene
Concen: 46.338 ng
RT: 10.110 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Instrument :
BNA_F
ClientSampleId :
PB170206BS

Tgt Ion:165 Resp: 102869

Ion	Ratio	Lower	Upper
165	100		
63	47.8	35.4	53.2
89	62.4	52.7	79.1
182	2.5	2.3	3.5

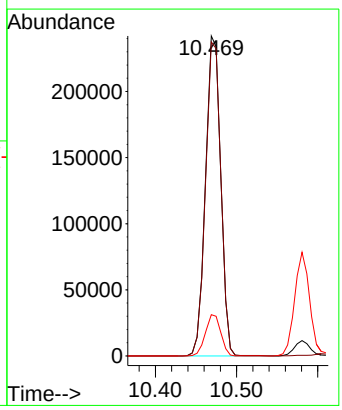


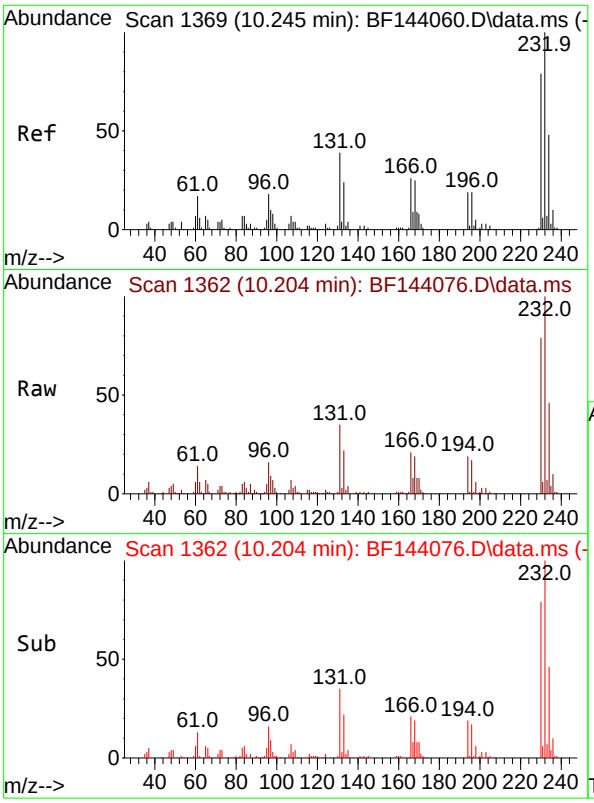


#58
Fluorene
Concen: 43.341 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Tgt Ion:166 Resp: 314278

Ion	Ratio	Lower	Upper
166	100		
165	98.1	77.0	115.4
167	12.9	10.2	15.4



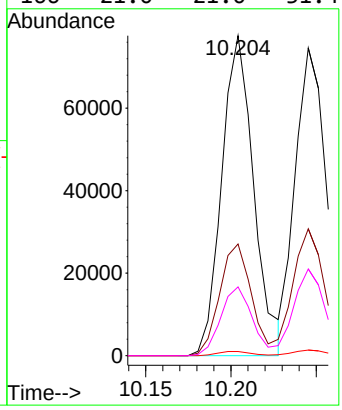


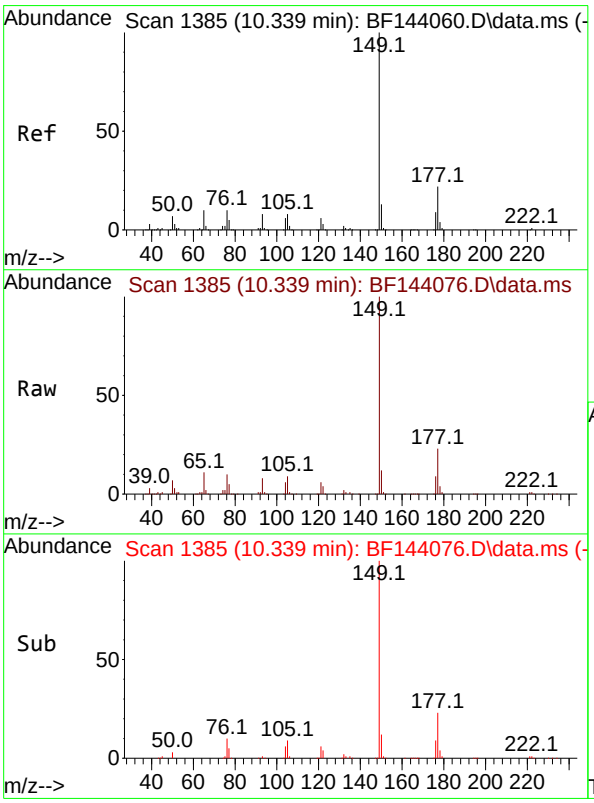
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.399 ng
RT: 10.204 min Scan# 1
Delta R.T. -0.041 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Instrument :
BNA_F
ClientSampleId :
PB170206BS

Tgt Ion:232 Resp: 101498

Ion	Ratio	Lower	Upper
232	100		
131	34.3	31.9	47.9
130	1.4	1.1	1.7
166	21.0	21.0	31.4

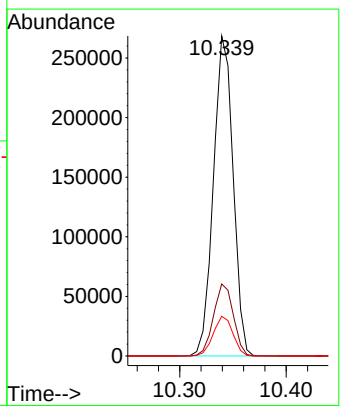


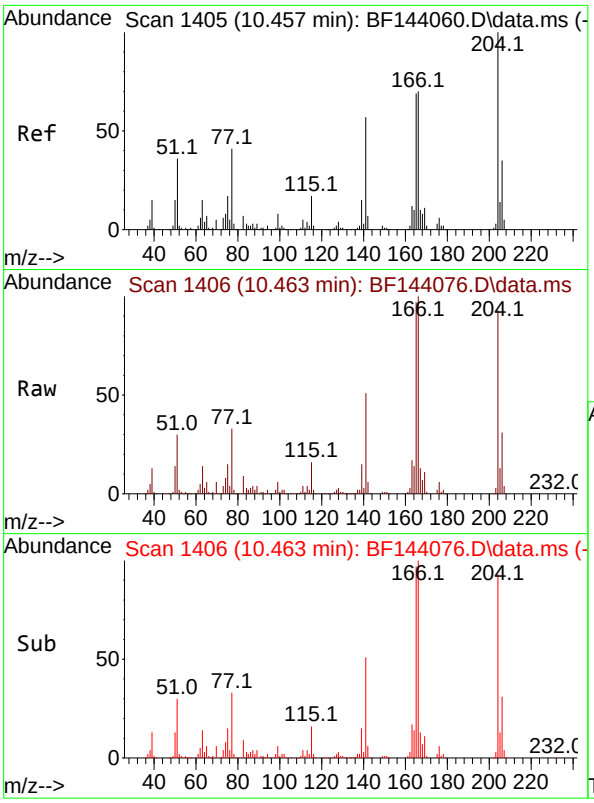


#60
Diethylphthalate
Concen: 44.027 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Tgt Ion:149 Resp: 344494

Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.8	26.6
150	12.4	10.1	15.1



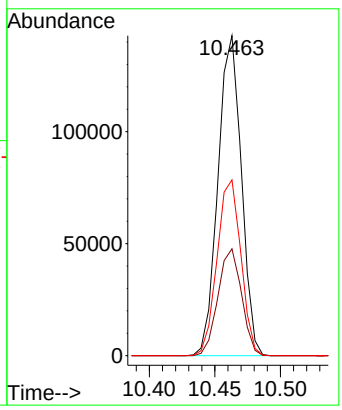


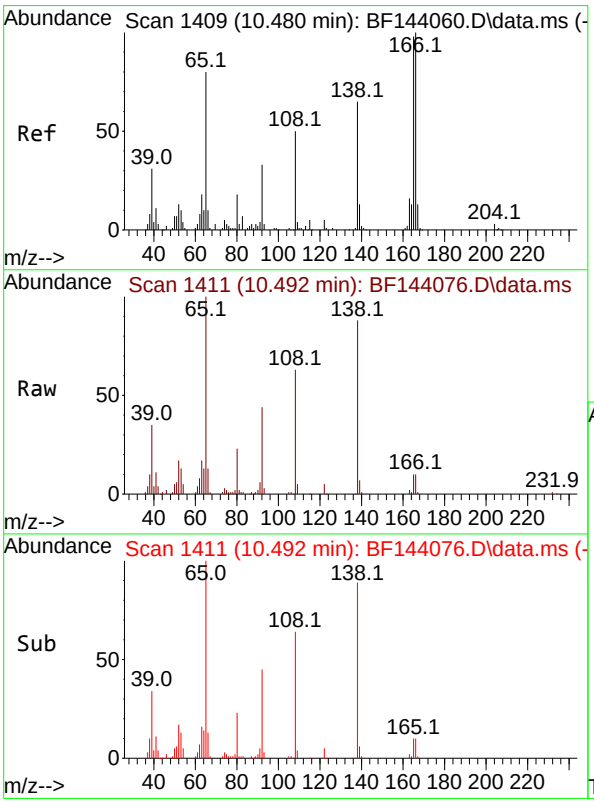
#61
4-Chlorophenyl-phenylether
Concen: 43.398 ng
RT: 10.463 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Instrument :
BNA_F
ClientSampleId :
PB170206BS

Tgt Ion:204 Resp: 176970

Ion	Ratio	Lower	Upper
204	100		
206	33.4	27.8	41.6
141	55.0	45.4	68.2

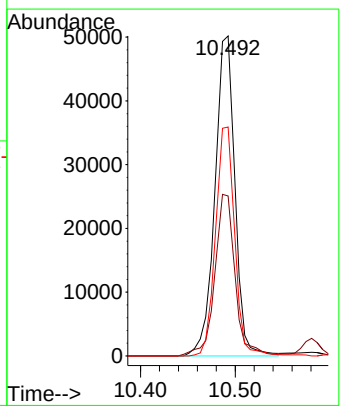


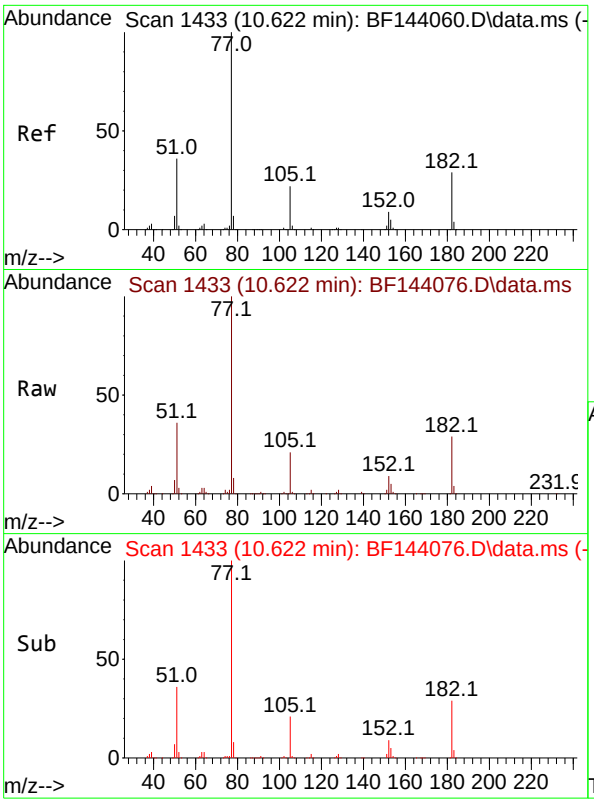


#62
4-Nitroaniline
Concen: 42.632 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.012 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Tgt Ion:138 Resp: 73871

Ion	Ratio	Lower	Upper
138	100		
92	50.0	30.5	70.5
108	71.5	56.2	96.2



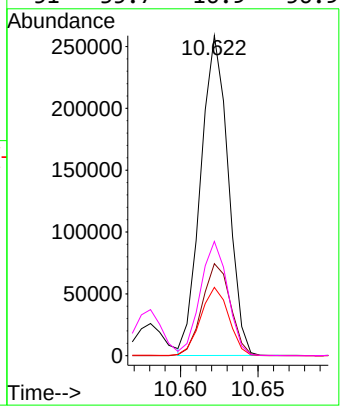


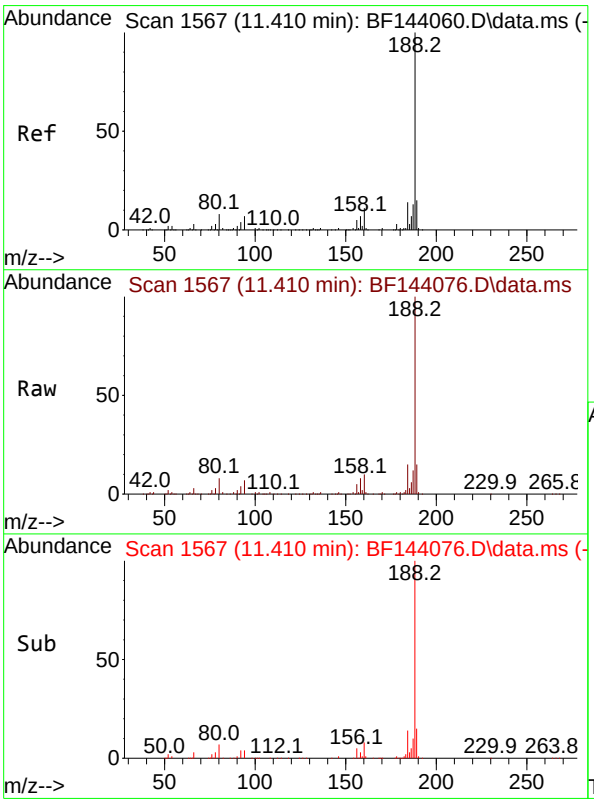
#63
Azobenzene
Concen: 43.049 ng
RT: 10.622 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Instrument :
BNA_F
ClientSampleId :
PB170206BS

Tgt Ion: 77 Resp: 318812

Ion	Ratio	Lower	Upper
77	100		
182	28.7	9.0	49.0
105	21.3	1.4	41.4
51	35.7	16.9	56.9

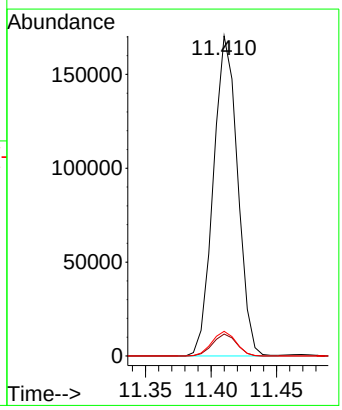


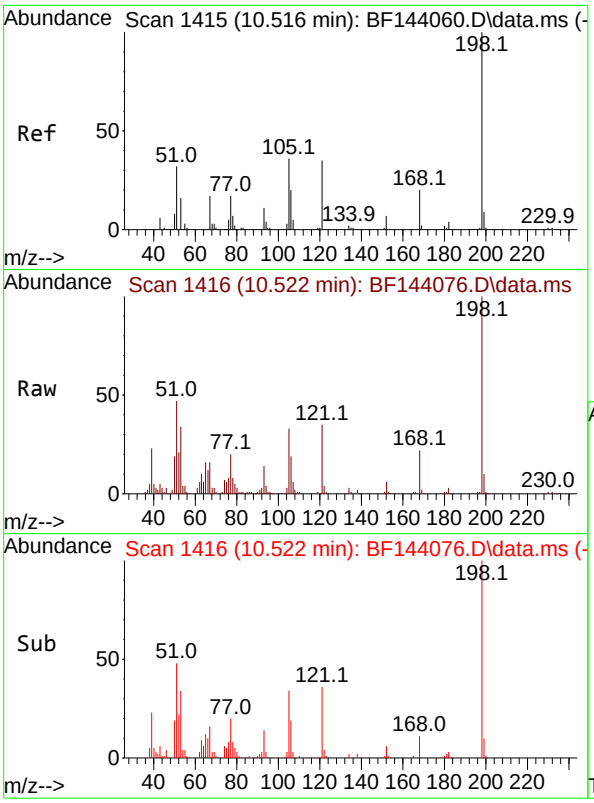


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Tgt Ion:188 Resp: 219220

Ion	Ratio	Lower	Upper
188	100		
94	6.8	5.4	8.0
80	7.7	6.0	9.0



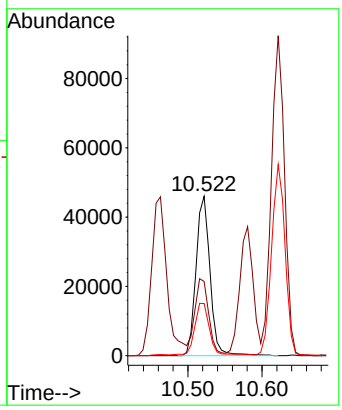


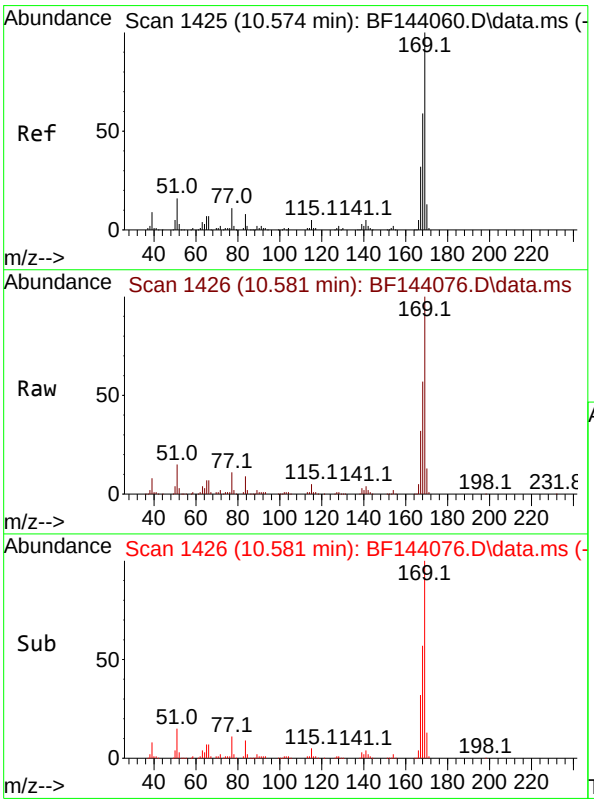
#65
4,6-Dinitro-2-methylphenol
Concen: 43.080 ng
RT: 10.522 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Instrument :
BNA_F
ClientSampleId :
PB170206BS

Tgt Ion:198 Resp: 60591

Ion	Ratio	Lower	Upper
198	100		
51	46.6	25.8	65.8
105	32.8	17.2	57.2

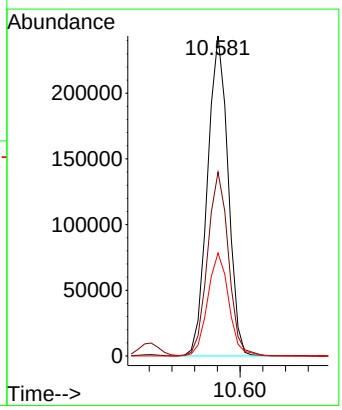


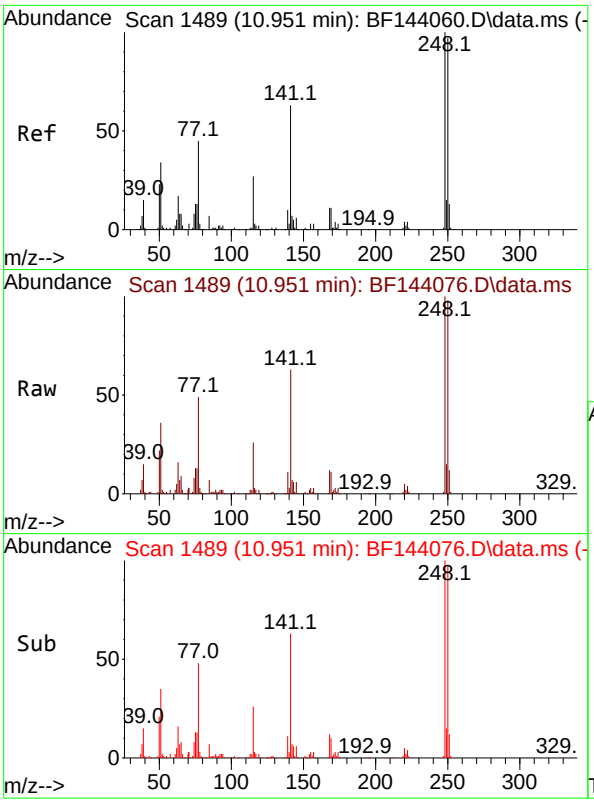


#66
n-Nitrosodiphenylamine
Concen: 43.700 ng
RT: 10.581 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Tgt Ion:169 Resp: 306085

Ion	Ratio	Lower	Upper
169	100		
168	57.5	47.4	71.2
167	32.2	25.5	38.3



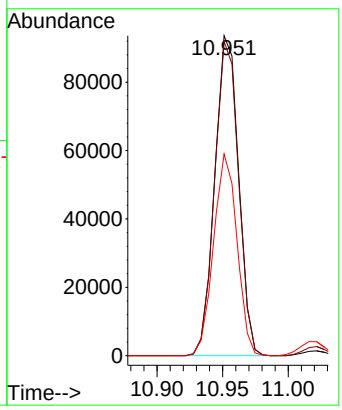


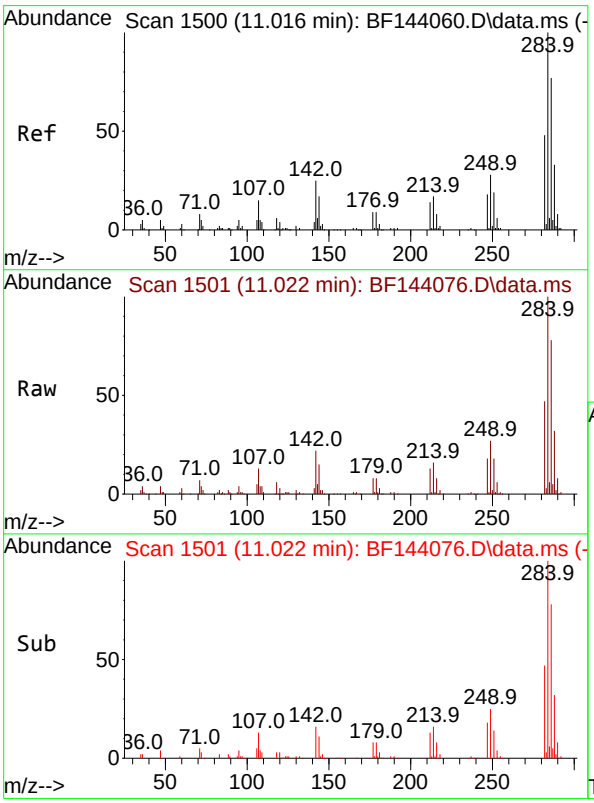
#67
4-Bromophenyl-phenylether
Concen: 43.120 ng
RT: 10.951 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Instrument :
BNA_F
ClientSampleId :
PB170206BS

Tgt Ion:248 Resp: 118355

Ion	Ratio	Lower	Upper
248	100		
250	98.2	77.8	116.6
141	63.1	50.5	75.7

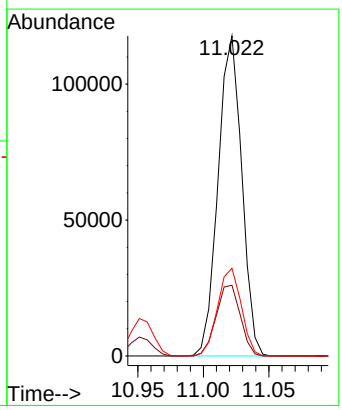


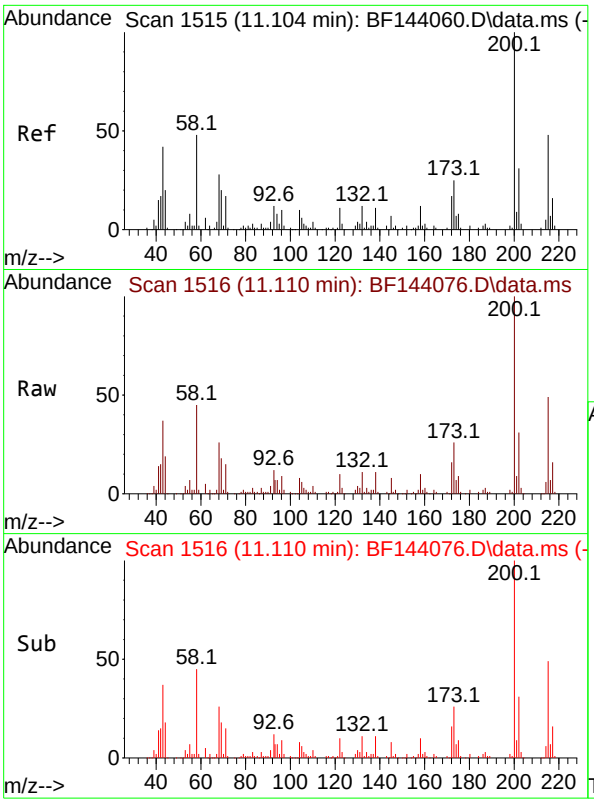


#68
Hexachlorobenzene
Concen: 43.904 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.006 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Tgt Ion:284 Resp: 147792

Ion	Ratio	Lower	Upper
284	100		
142	22.1	20.0	30.0
249	27.4	22.2	33.2



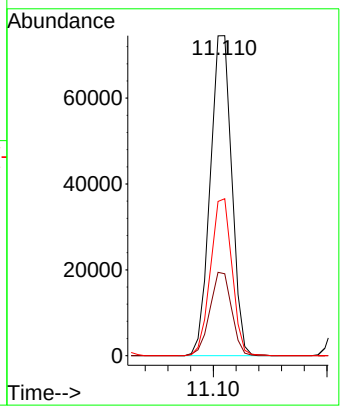


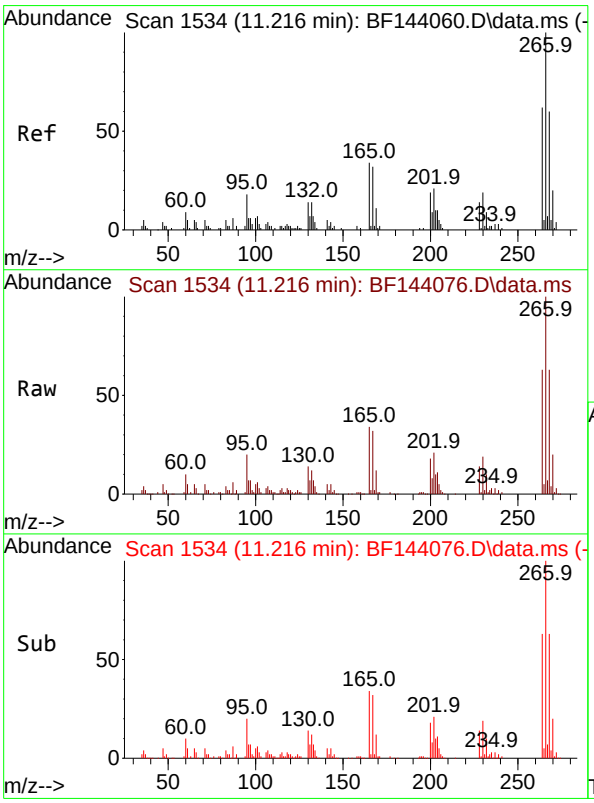
#69
Atrazine
Concen: 42.776 ng
RT: 11.110 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Instrument :
BNA_F
ClientSampleId :
PB170206BS

Tgt Ion:200 Resp: 98315

Ion	Ratio	Lower	Upper
200	100		
173	25.6	4.9	44.9
215	49.0	28.2	68.2

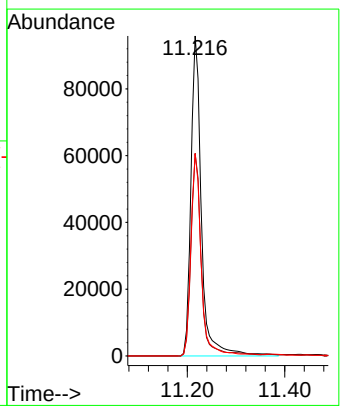


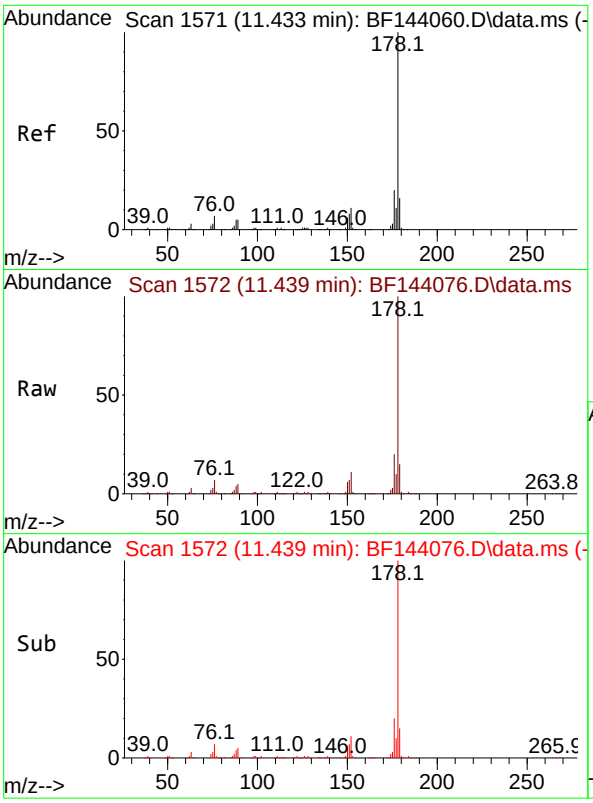


#70
Pentachlorophenol
Concen: 89.799 ng
RT: 11.216 min Scan# 1534
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Tgt Ion:266 Resp: 143887

Ion	Ratio	Lower	Upper
266	100		
268	63.3	48.2	72.4
264	63.3	49.4	74.0



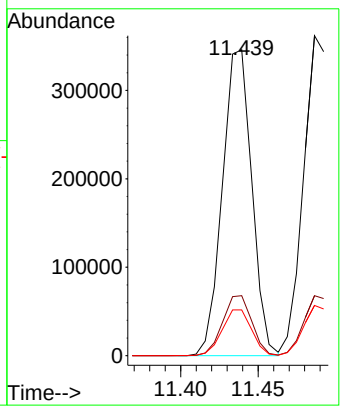


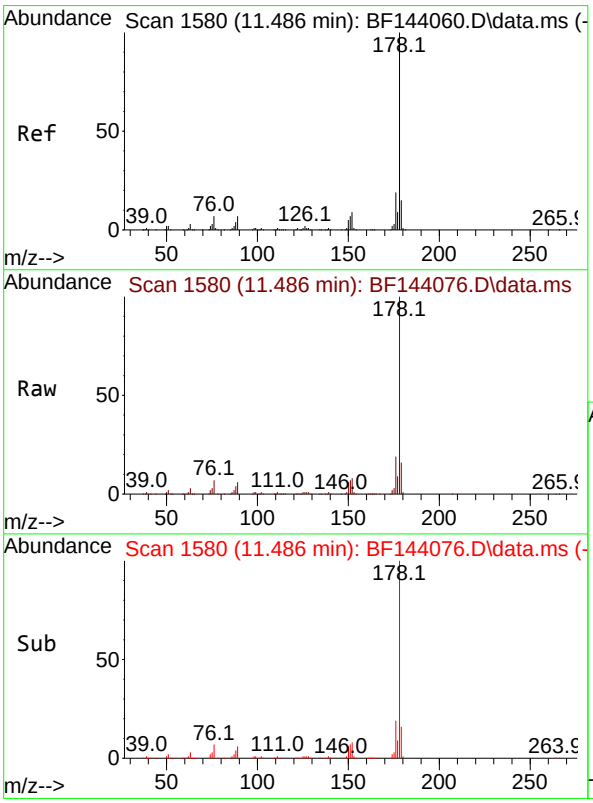
#71
Phenanthrene
Concen: 41.974 ng
RT: 11.439 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Instrument :
BNA_F
ClientSampleId :
PB170206BS

Tgt Ion:178 Resp: 457094

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.3	24.5
179	15.0	12.6	18.8

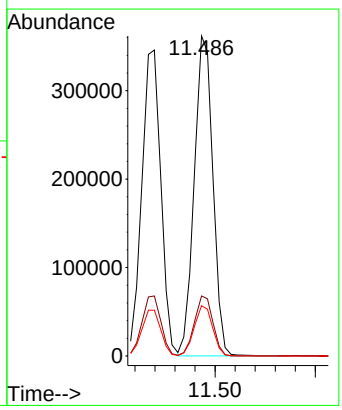


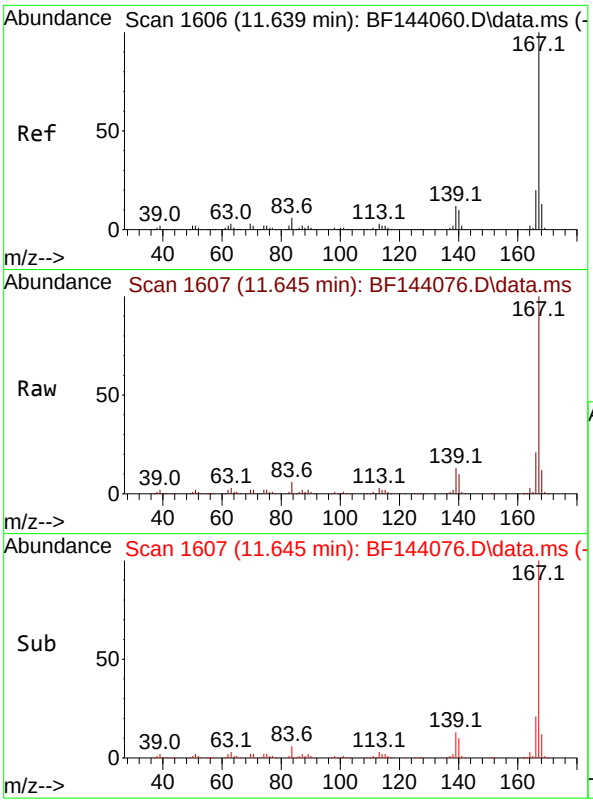


#72
Anthracene
Concen: 41.592 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Tgt Ion:178 Resp: 467889

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.7	11.8	17.6



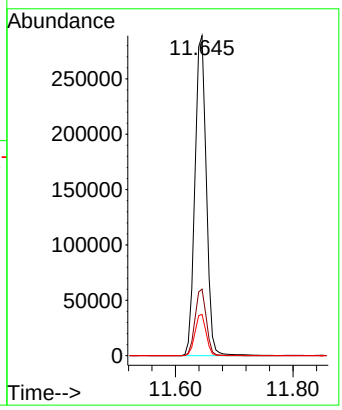


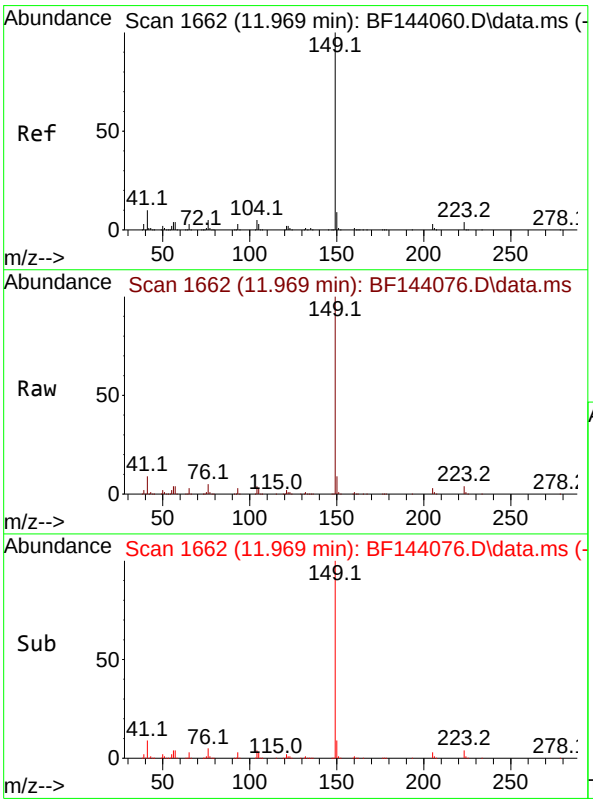
#73
Carbazole
Concen: 40.617 ng
RT: 11.645 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Instrument :
BNA_F
ClientSampleId :
PB170206BS

Tgt Ion:167 Resp: 388915

Ion	Ratio	Lower	Upper
167	100		
166	20.8	16.1	24.1
139	12.9	9.8	14.6

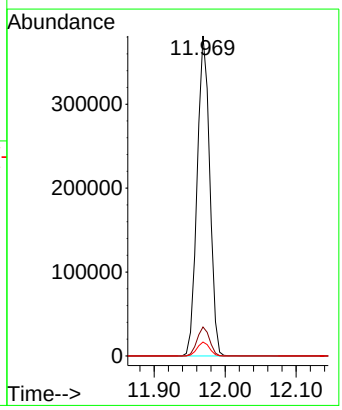


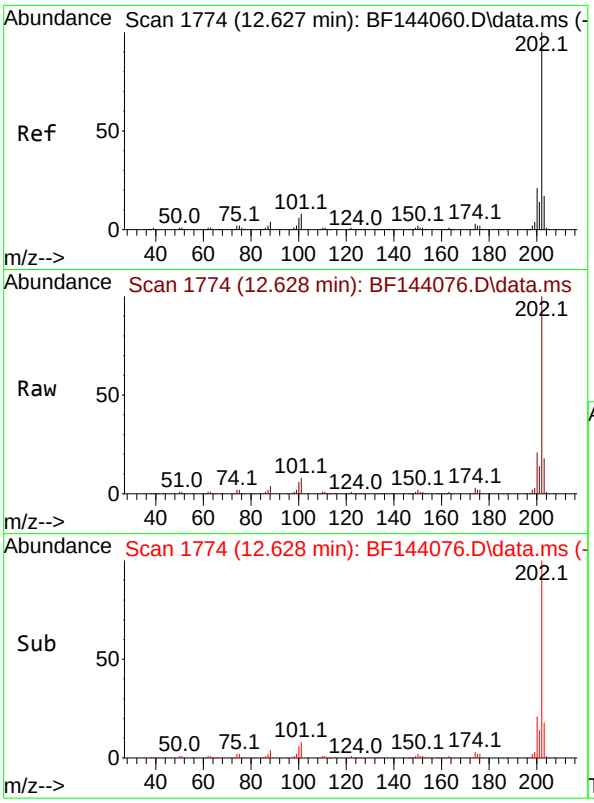


#74
Di-n-butylphthalate
Concen: 40.095 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Tgt Ion:149 Resp: 470696

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.3	10.9
104	4.4	3.6	5.4



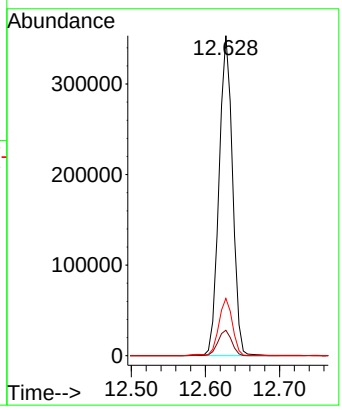


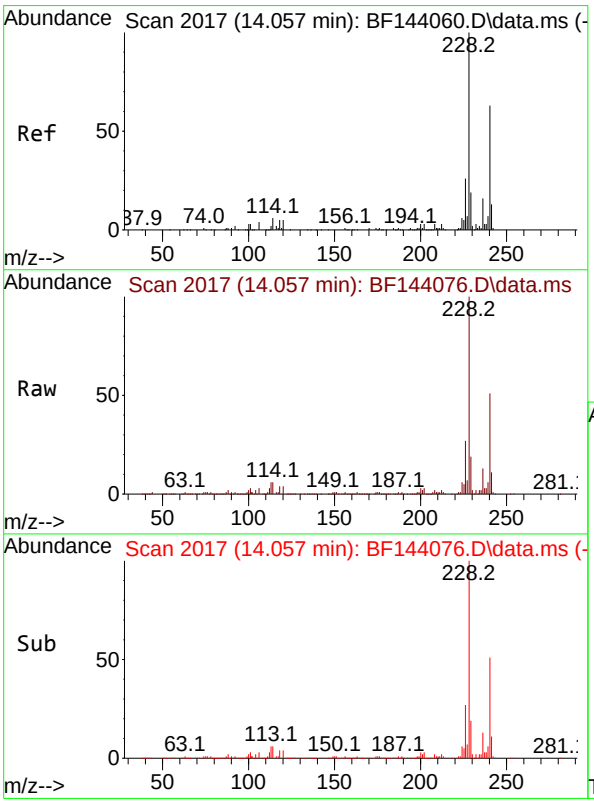
#75
Fluoranthene
Concen: 37.294 ng
RT: 12.628 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Instrument :
BNA_F
ClientSampleId :
PB170206BS

Tgt Ion:202 Resp: 448694

Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	27.7
203	17.9	0.0	37.3

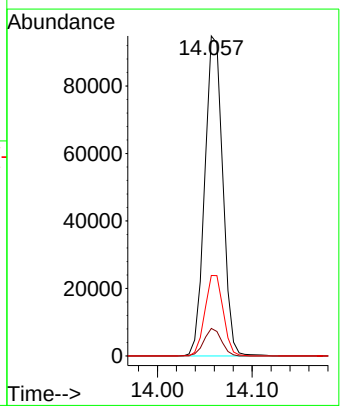


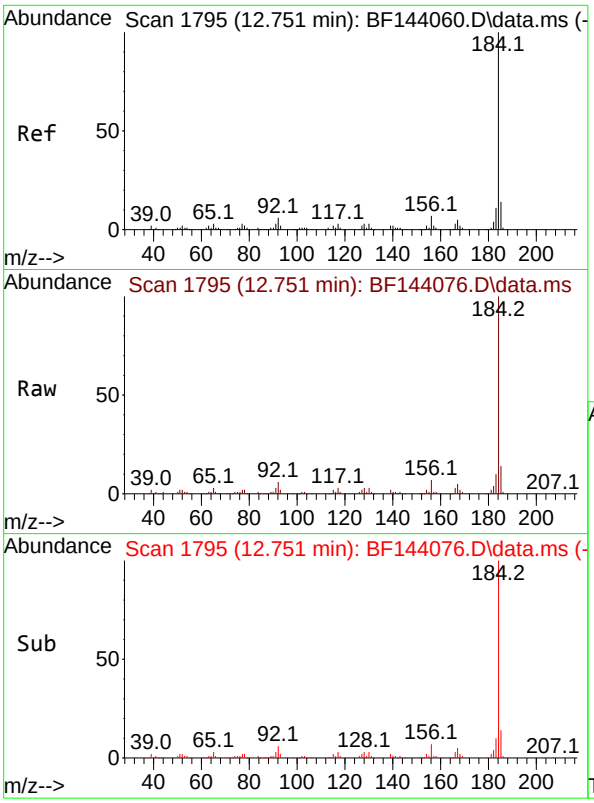


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Tgt Ion:240 Resp: 125508

Ion	Ratio	Lower	Upper
240	100		
120	8.6	6.5	9.7
236	25.2	20.1	30.1



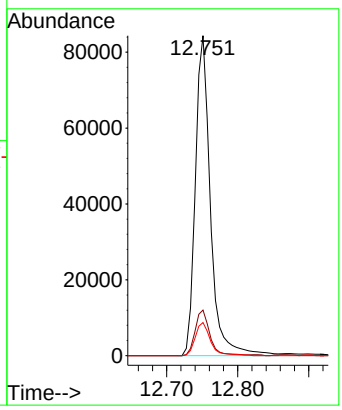


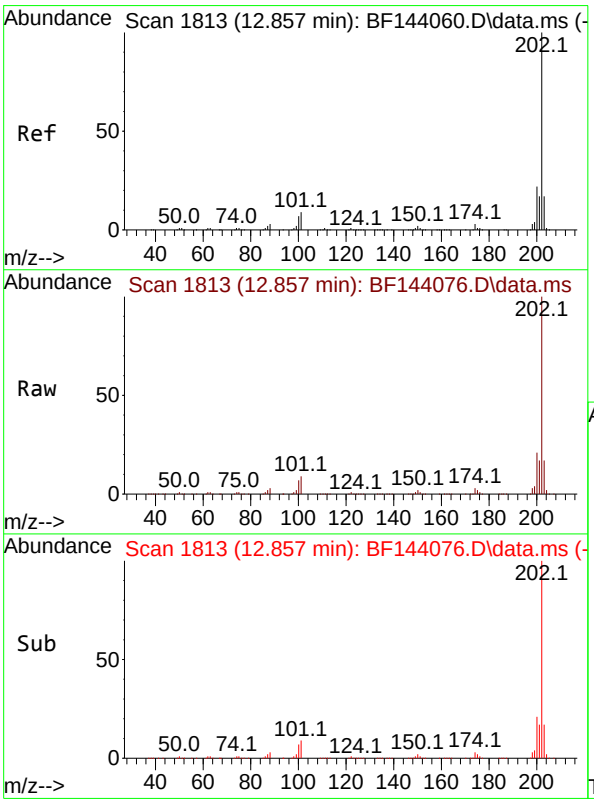
#77
Benzidine
Concen: 32.007 ng
RT: 12.751 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Instrument :
BNA_F
ClientSampleId :
PB170206BS

Tgt Ion:184 Resp: 125022

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.6	17.4
183	10.3	8.5	12.7

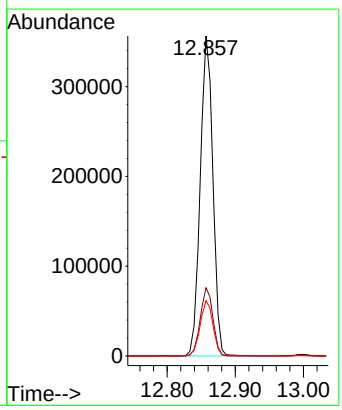


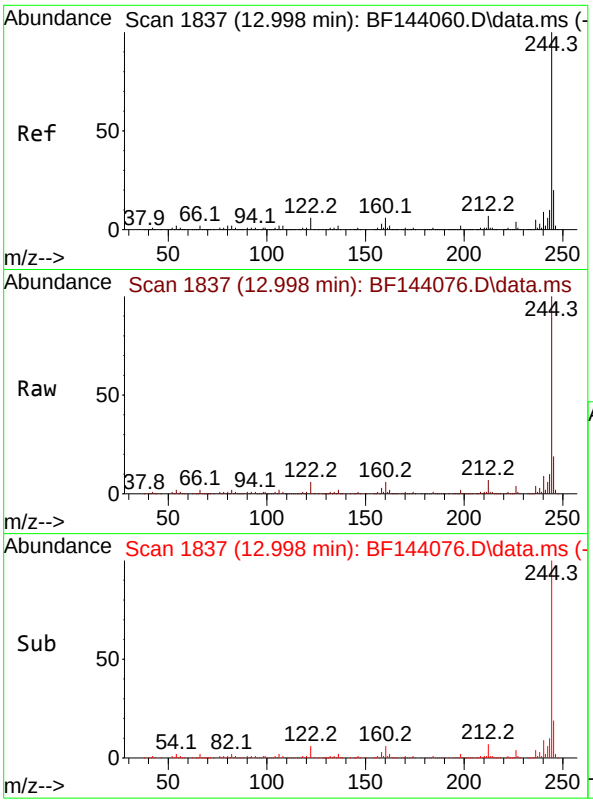


#78
Pyrene
Concen: 50.955 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Tgt Ion:202 Resp: 459771

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.2	25.8
203	17.3	13.5	20.3



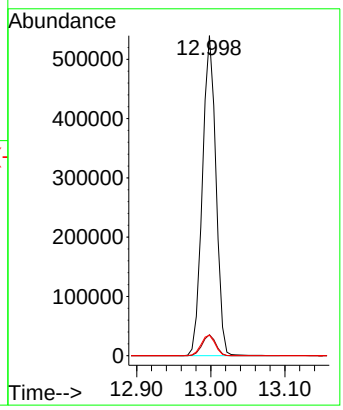


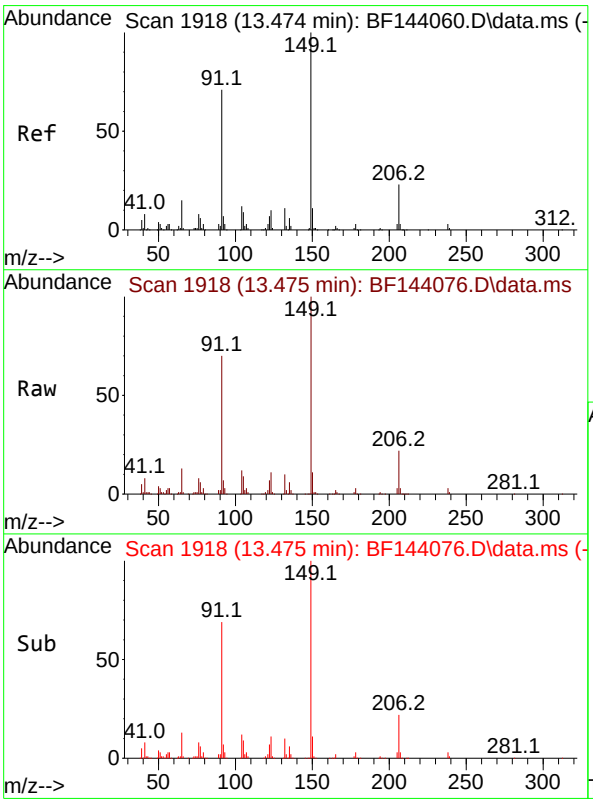
#79
Terphenyl-d14
Concen: 95.737 ng
RT: 12.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Instrument :
BNA_F
ClientSampleId :
PB170206BS

Tgt Ion:244 Resp: 687311

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.6
122	6.4	4.9	7.3

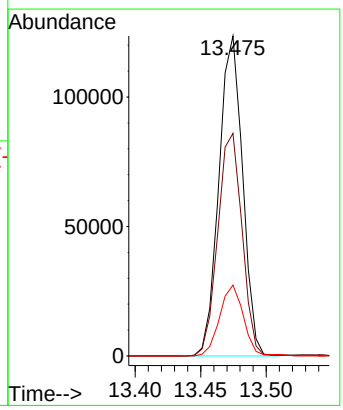


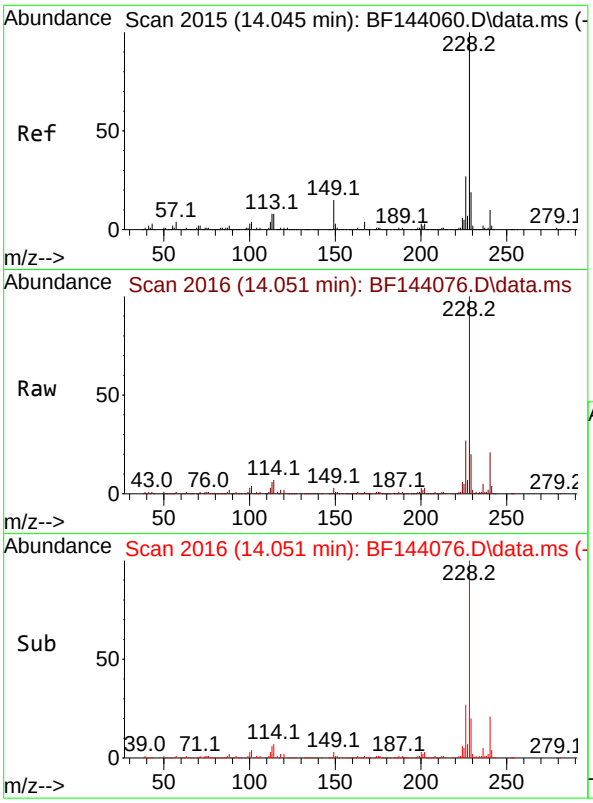


#80
Butylbenzylphthalate
Concen: 45.384 ng
RT: 13.475 min Scan# 1918
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Tgt Ion:149 Resp: 154922

Ion	Ratio	Lower	Upper
149	100		
91	69.6	56.6	84.8
206	22.1	18.3	27.5



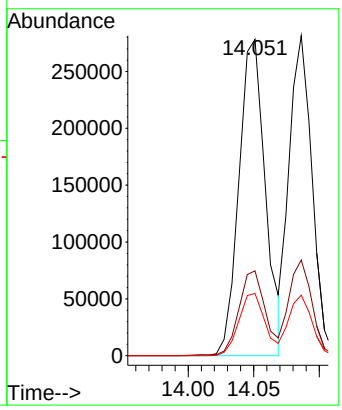


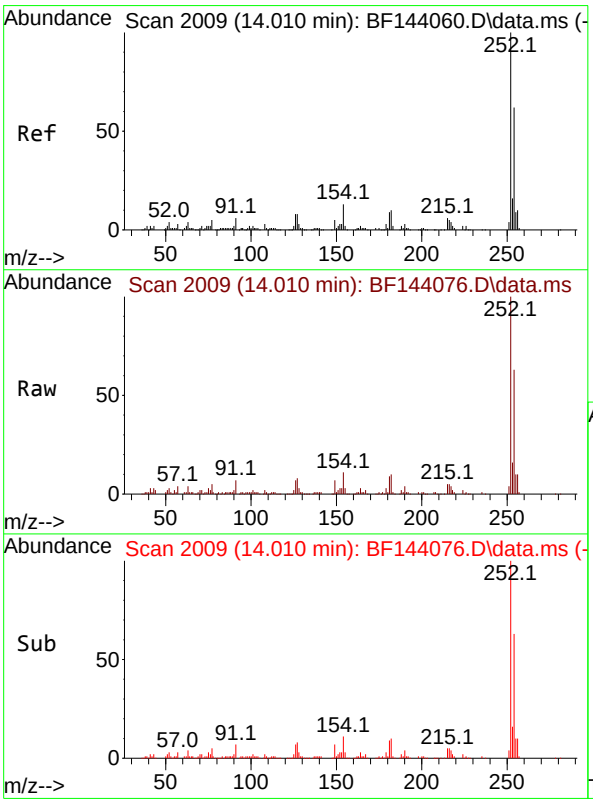
#81
Benzo(a)anthracene
Concen: 46.101 ng
RT: 14.051 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Instrument :
BNA_F
ClientSampleId :
PB170206BS

Tgt Ion:228 Resp: 391028

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.4	32.2
229	19.7	15.3	22.9

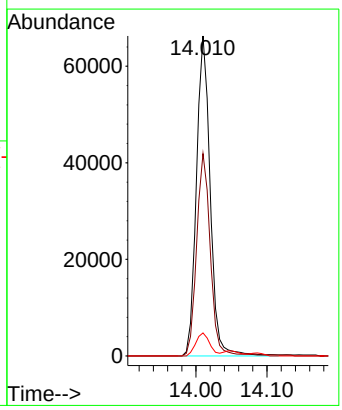


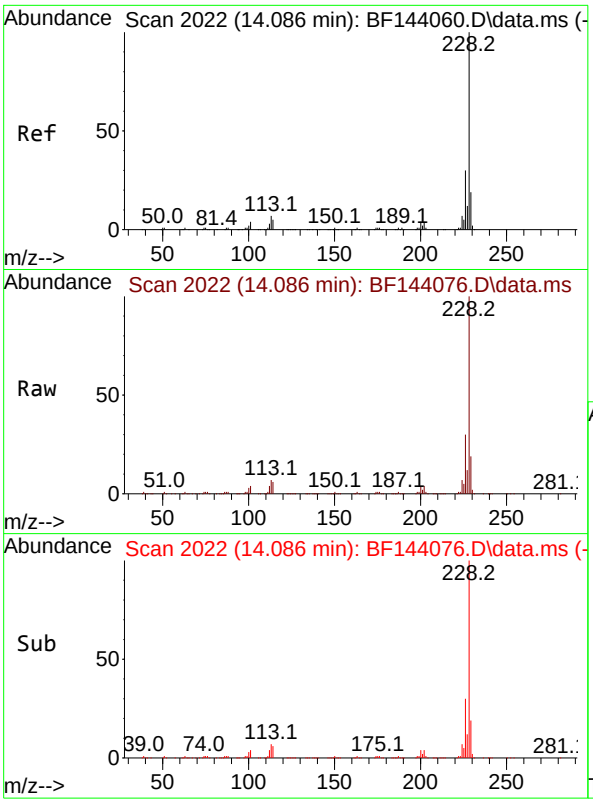


#82
3,3'-Dichlorobenzidine
Concen: 30.369 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Tgt Ion:252 Resp: 89667

Ion	Ratio	Lower	Upper
252	100		
254	63.3	49.9	74.9
126	7.2	6.5	9.7



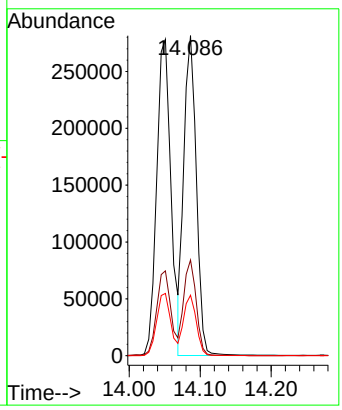


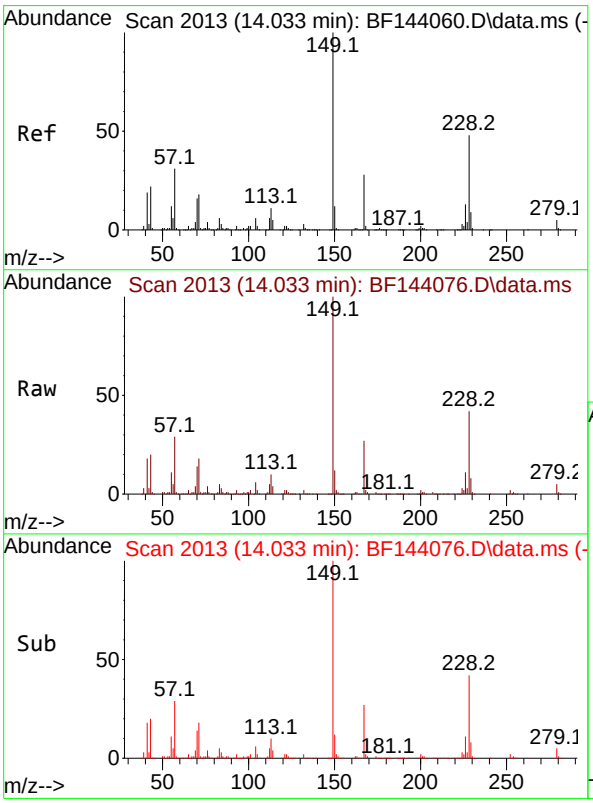
#83
Chrysene
Concen: 43.126 ng
RT: 14.086 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Instrument :
BNA_F
ClientSampleId :
PB170206BS

Tgt Ion:228 Resp: 343256

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.8	35.6
229	18.9	15.6	23.4

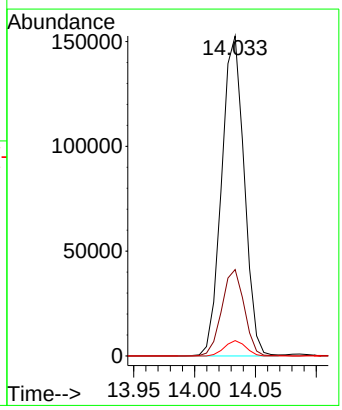


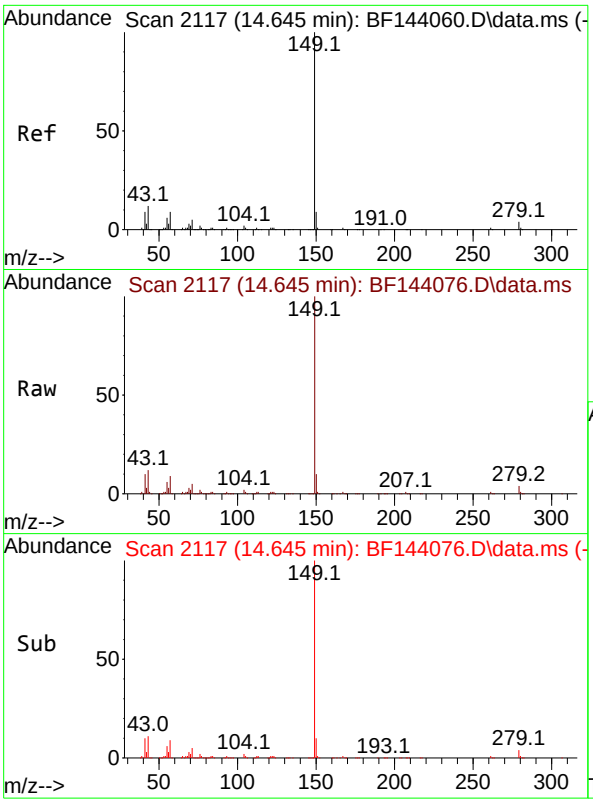


#84
Bis(2-ethylhexyl)phthalate
Concen: 42.325 ng
RT: 14.033 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Tgt Ion:149 Resp: 197242

Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.5	33.7
279	4.8	3.6	5.4



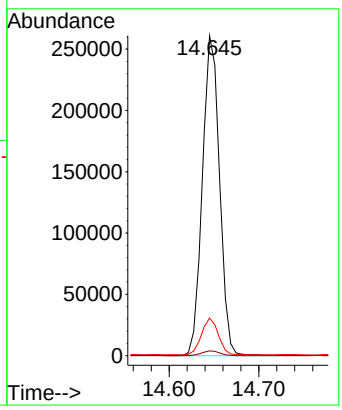


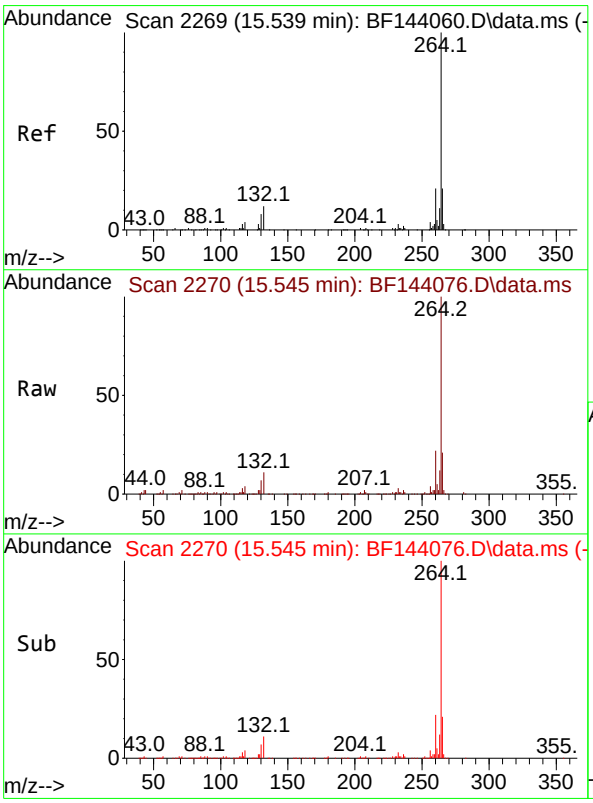
#85
Di-n-octyl phthalate
Concen: 43.204 ng
RT: 14.645 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Instrument :
BNA_F
ClientSampleId :
PB170206BS

Tgt Ion:149 Resp: 346250

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.2	9.3	13.9

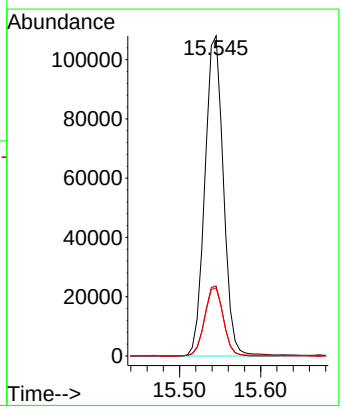


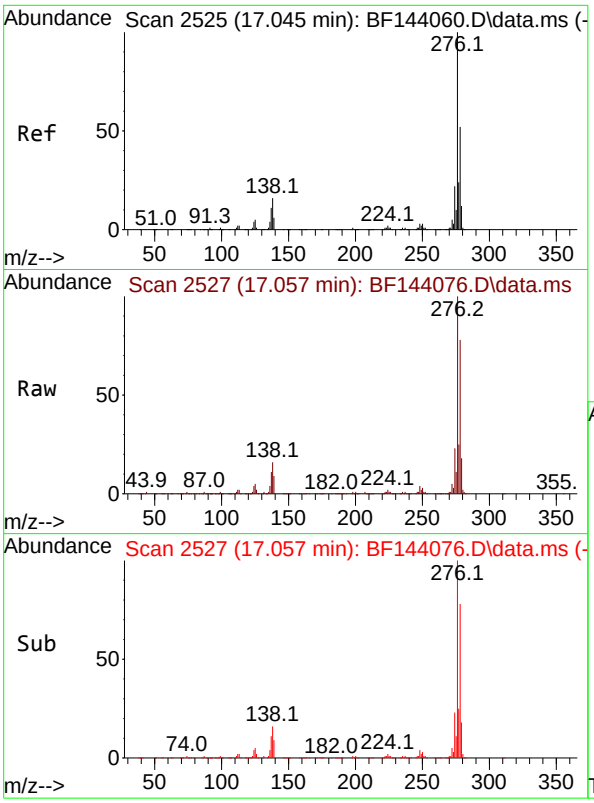


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.006 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Tgt Ion:264 Resp: 170803

Ion	Ratio	Lower	Upper
264	100		
260	21.8	17.0	25.4
265	21.2	16.6	24.8



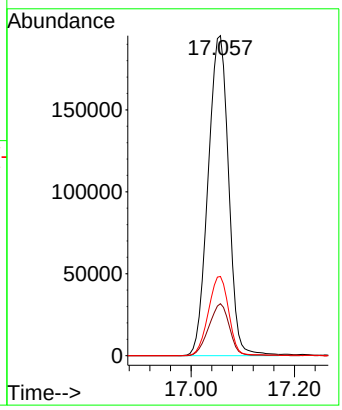


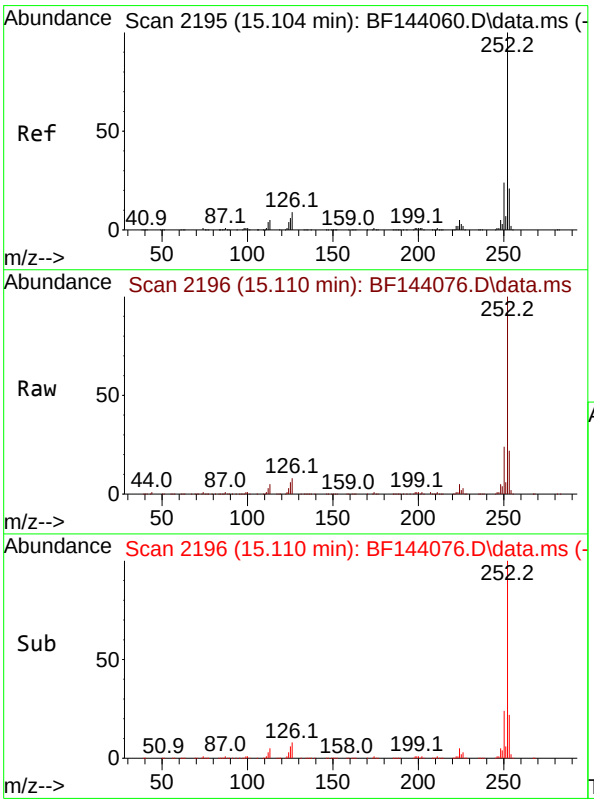
#87
Indeno(1,2,3-cd)pyrene
Concen: 45.859 ng
RT: 17.057 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Instrument :
BNA_F
ClientSampleId :
PB170206BS

Tgt Ion:276 Resp: 537768

Ion	Ratio	Lower	Upper
276	100		
138	16.3	13.0	19.6
277	24.7	19.4	29.0

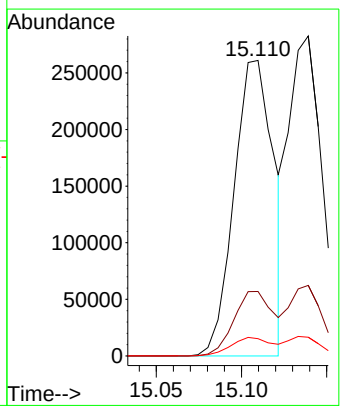


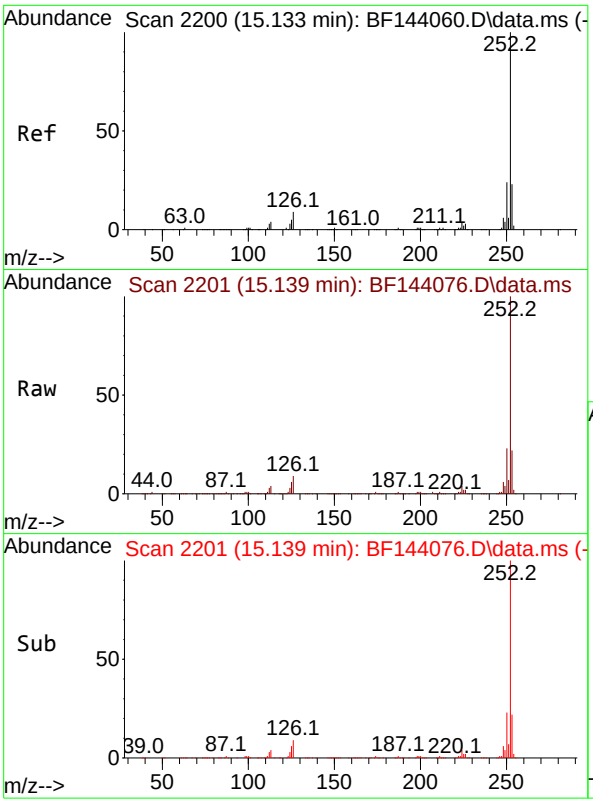


#88
Benzo(b)fluoranthene
Concen: 43.695 ng
RT: 15.110 min Scan# 2196
Delta R.T. 0.006 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Tgt Ion:252 Resp: 421925

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	5.9	5.0	7.6



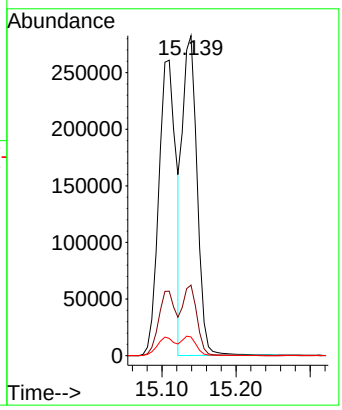


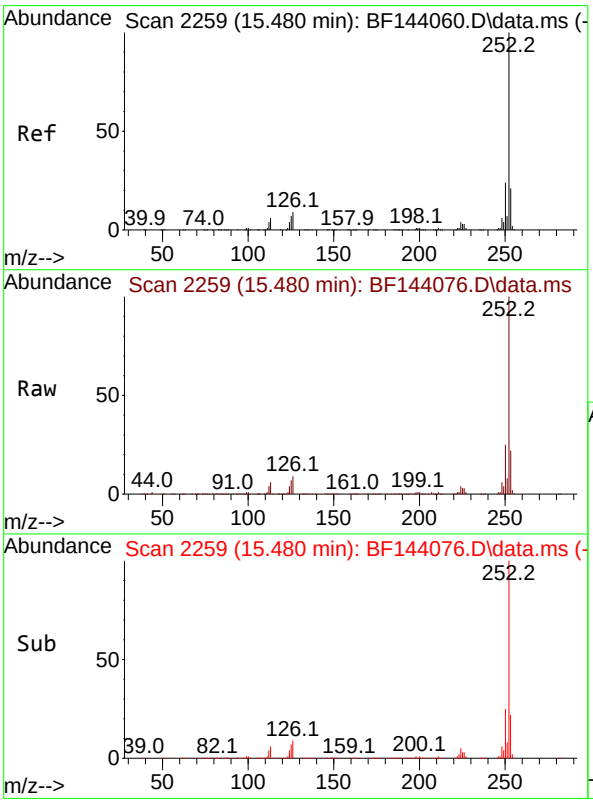
#89
Benzo(k)fluoranthene
Concen: 43.491 ng
RT: 15.139 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Instrument :
BNA_F
ClientSampleId :
PB170206BS

Tgt Ion:252 Resp: 387464

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	5.8	4.9	7.3

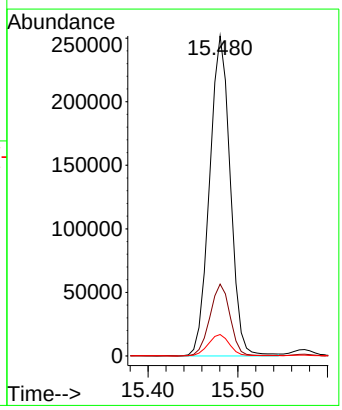


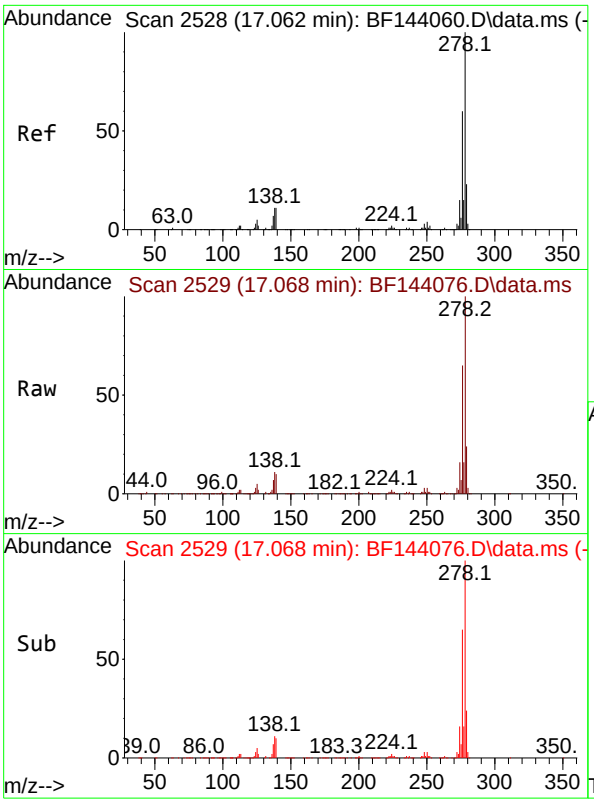


#90
Benzo(a)pyrene
Concen: 46.574 ng
RT: 15.480 min Scan# 2259
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Tgt Ion:252 Resp: 403459

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	6.7	5.4	8.2



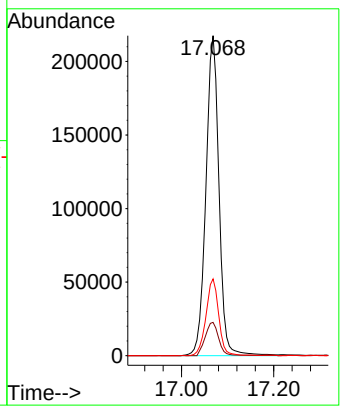


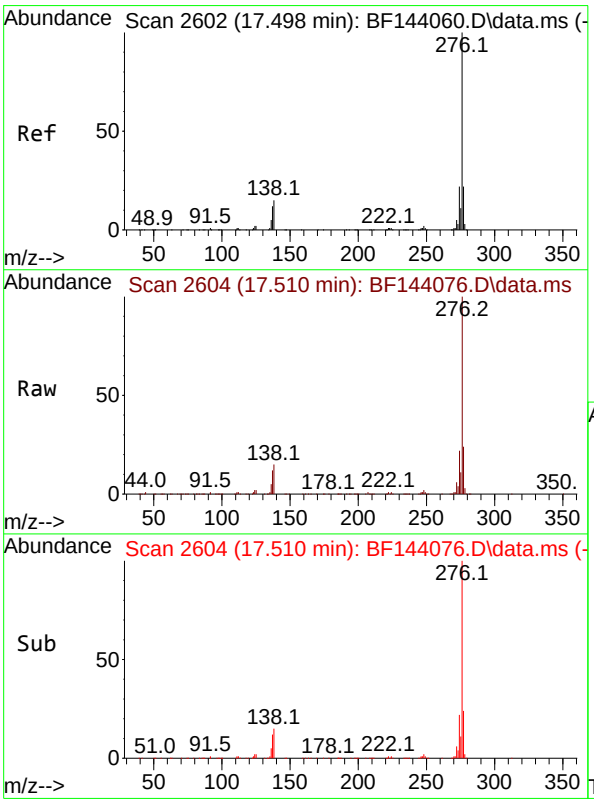
#91
Dibenzo(a,h)anthracene
Concen: 46.423 ng
RT: 17.068 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Instrument :
BNA_F
ClientSampleId :
PB170206BS

Tgt Ion:278 Resp: 430920

Ion	Ratio	Lower	Upper
278	100		
139	10.4	8.5	12.7
279	24.0	18.6	28.0

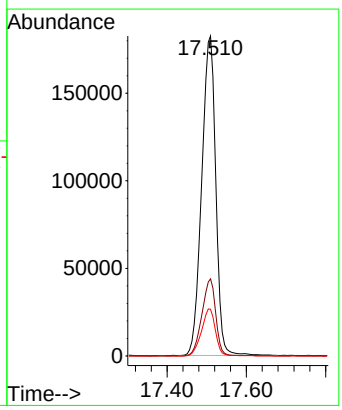




#92
Benzo(g,h,i)perylene
Concen: 48.190 ng
RT: 17.510 min Scan# 2604
Delta R.T. 0.012 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Tgt Ion:276 Resp: 449738

Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.9	26.9
138	14.6	12.0	18.0



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064570.D
Acq On : 24 Oct 2025 9:41
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Quant Time: Nov 03 17:58:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 17:56:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.219	152	40837	20.000	ng		0.00
21) Naphthalene-d8	11.045	136	168287	20.000	ng	#	0.00
39) Acenaphthene-d10	14.840	164	131387	20.000	ng		0.00
64) Phenanthrene-d10	17.578	188	331372	20.000	ng		0.00
76) Chrysene-d12	21.856	240	381389	20.000	ng		0.00
86) Perylene-d12	25.199	264	401350	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.745	112	22421	9.216	ng		0.00
7) Phenol-d6	7.349	99	30003	8.987	ng		0.00
23) Nitrobenzene-d5	9.382	82	20097	7.173	ng		0.00
42) 2,4,6-Tribromophenol	16.315	330	14514	7.654	ng		0.00
45) 2-Fluorobiphenyl	13.471	172	86089	9.932	ng		0.00
79) Terphenyl-d14	20.169	244	204719	10.130	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.589	88	5823	5.406	ng		95
3) Pyridine	4.000	79	16637	5.143	ng		89
4) n-Nitrosodimethylamine	3.906	42	8578	4.945	ng	#	95
6) Aniline	7.525	93	22494	4.952	ng		98
8) 2-Chlorophenol	7.778	128	10732	4.214	ng		96
9) Benzaldehyde	7.337	77	12009	6.589	ng		84
10) Phenol	7.373	94	16995	4.603	ng		96
11) bis(2-Chloroethyl)ether	7.619	93	13341	4.915	ng		95
12) 1,3-Dichlorobenzene	8.113	146	14650	4.998	ng		93
13) 1,4-Dichlorobenzene	8.113	146	14650	4.916	ng		93
14) 1,2-Dichlorobenzene	8.583	146	13994	4.868	ng		96
15) Benzyl Alcohol	8.442	79	11820	4.293	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.736	45	34925	4.905	ng		97
17) 2-Methylphenol	8.648	107	11259	4.593	ng		97
18) Hexachloroethane	9.329	117	4773	4.564	ng		97
19) n-Nitroso-di-n-propyla...	9.024	70	10596	4.592	ng		92
20) 3+4-Methylphenols	8.971	107	13766	3.993	ng		97
22) Acetophenone	9.035	105	22505	4.892	ng	#	92
24) Nitrobenzene	9.423	77	11526	3.782	ng	#	95
25) Isophorone	9.946	82	31609	4.701	ng	#	93
26) 2-Nitrophenol	10.140	139	3186	5.664	ng		99
27) 2,4-Dimethylphenol	10.193	122	9925	3.969	ng		92
28) bis(2-Chloroethoxy)met...	10.434	93	18999	4.963	ng		95
29) 2,4-Dichlorophenol	10.680	162	10223	3.798	ng		89
30) 1,2,4-Trichlorobenzene	10.904	180	14238	4.656	ng		97
31) Naphthalene	11.098	128	45559	4.883	ng		98
32) Benzoic acid	10.328	122	347	5.012	ng	#	52
33) 4-Chloroaniline	11.186	127	16429	4.530	ng		93
34) Hexachlorobutadiene	11.391	225	11212	4.688	ng		95
35) Caprolactam	11.920	113	4088	3.960	ng	#	85
36) 4-Chloro-3-methylphenol	12.290	107	13604	4.205	ng		94
37) 2-Methylnaphthalene	12.690	142	32129	4.690	ng		97
38) 1-Methylnaphthalene	12.690	142	32129	4.739	ng		98
40) 1,2,4,5-Tetrachloroben...	13.048	216	21576	4.893	ng		99
41) Hexachlorocyclopentadiene	13.037	237	7057	3.556	ng		88
43) 2,4,6-Trichlorophenol	13.277	196	9650	3.826	ng		93

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064570.D
Acq On : 24 Oct 2025 9:41
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Quant Time: Nov 03 17:58:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 17:56:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.342	196	11151	3.831	ng	#	91
46) 1,1'-Biphenyl	13.683	154	47840	5.122	ng		95
47) 2-Chloronaphthalene	13.724	162	34977	4.961	ng		96
48) 2-Nitroaniline	13.906	65	6601	5.826	ng		87
49) Acenaphthylene	14.564	152	54748	4.923	ng		98
50) Dimethylphthalate	14.282	163	45639	4.540	ng		98
51) 2,6-Dinitrotoluene	14.394	165	4161	5.535	ng	#	91
52) Acenaphthene	14.905	154	36982	4.867	ng		96
53) 3-Nitroaniline	14.717	138	5903	3.417	ng	#	96
54) 2,4-Dinitrophenol	14.934	184	1813	7.229	ng	#	20
55) Dibenzofuran	15.234	168	61779	5.029	ng		97
56) 4-Nitrophenol	15.005	139	4356	2.719	ng		95
57) 2,4-Dinitrotoluene	15.175	165	7312	5.721	ng	#	80
58) Fluorene	15.880	166	48305	5.035	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.451	232	10241	3.679	ng	#	95
60) Diethylphthalate	15.639	149	46534	4.533	ng		98
61) 4-Chlorophenyl-phenyle...	15.874	204	26270	4.880	ng		97
62) 4-Nitroaniline	15.869	138	6383	3.321	ng		90
63) Azobenzene	16.162	77	44729	4.749	ng		98
65) 4,6-Dinitro-2-methylph...	15.939	198	3684	7.667	ng		77
66) n-Nitrosodiphenylamine	16.080	169	42291	4.725	ng		98
67) 4-Bromophenyl-phenylether	16.762	248	18064	4.600	ng		95
68) Hexachlorobenzene	16.885	284	21076	4.705	ng		95
69) Atrazine	17.014	200	17783	4.616	ng		94
70) Pentachlorophenol	17.226	266	8732	3.126	ng		96
71) Phenanthrene	17.619	178	89771	4.954	ng		99
72) Anthracene	17.713	178	90063	4.886	ng		99
73) Carbazole	17.966	167	81350	5.005	ng		98
74) Di-n-butylphthalate	18.530	149	83713	4.454	ng		99
75) Fluoranthene	19.617	202	114724	5.054	ng		98
77) Benzidine	19.782	184	47236	5.528	ng		99
78) Pyrene	19.975	202	122676	4.923	ng		98
80) Butylbenzylphthalate	20.857	149	27072	3.595	ng		94
81) Benzo(a)anthracene	21.832	228	123345	4.878	ng		98
82) 3,3'-Dichlorobenzidine	21.738	252	36801	4.358	ng	#	95
83) Chrysene	21.903	228	119080	4.949	ng		97
84) Bis(2-ethylhexyl)phtha...	21.750	149	46117	4.098	ng		98
85) Di-n-octyl phthalate	23.013	149	68286	3.599	ng		95
87) Indeno(1,2,3-cd)pyrene	29.030	276	138758	4.700	ng	#	88
88) Benzo(b)fluoranthene	24.129	252	114203	4.640	ng		98
89) Benzo(k)fluoranthene	24.200	252	117893	4.787	ng		99
90) Benzo(a)pyrene	25.040	252	106414	4.704	ng		99
91) Dibenzo(a,h)anthracene	29.100	278	112398	4.686	ng		96
92) Benzo(g,h,i)perylene	30.216	276	108407	4.731	ng		97

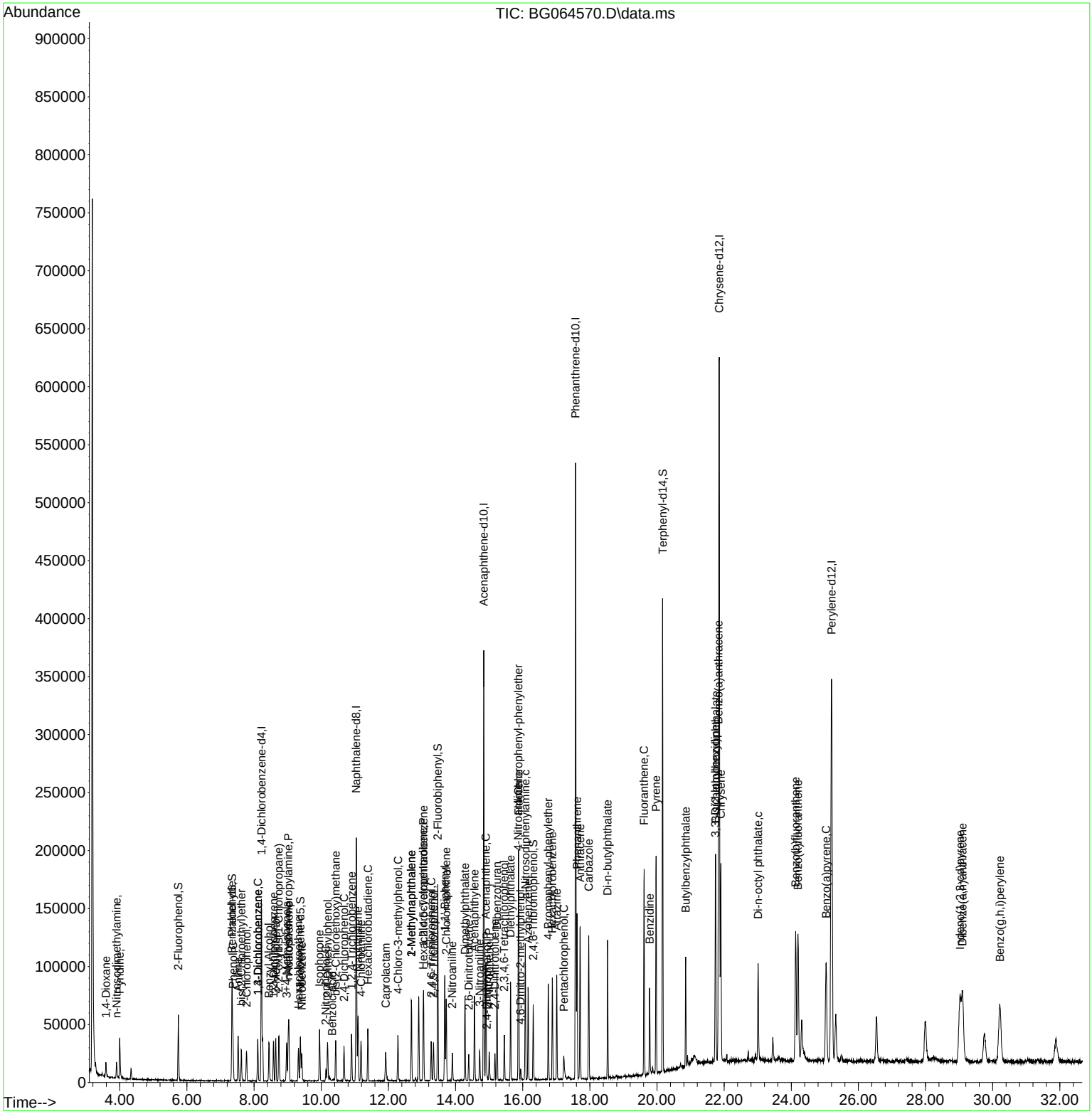
(#) = qualifier out of range (m) = manual integration (+) = signals summed

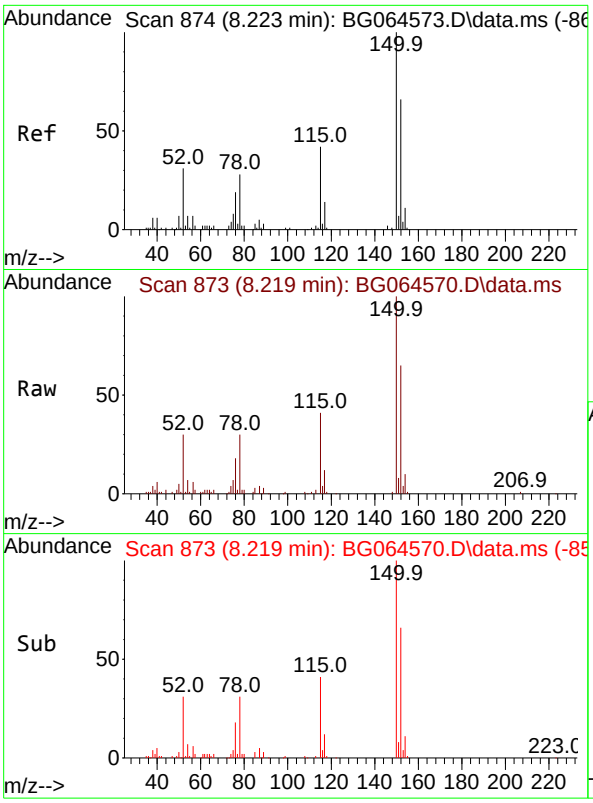
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064570.D
Acq On : 24 Oct 2025 9:41
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Quant Time: Nov 03 17:58:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 17:56:56 2025
Response via : Initial Calibration



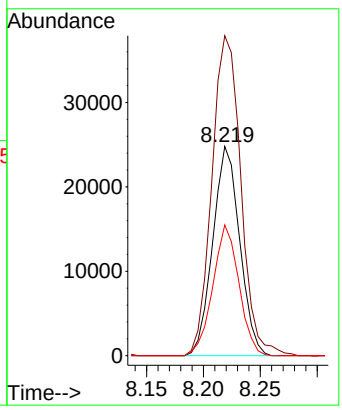


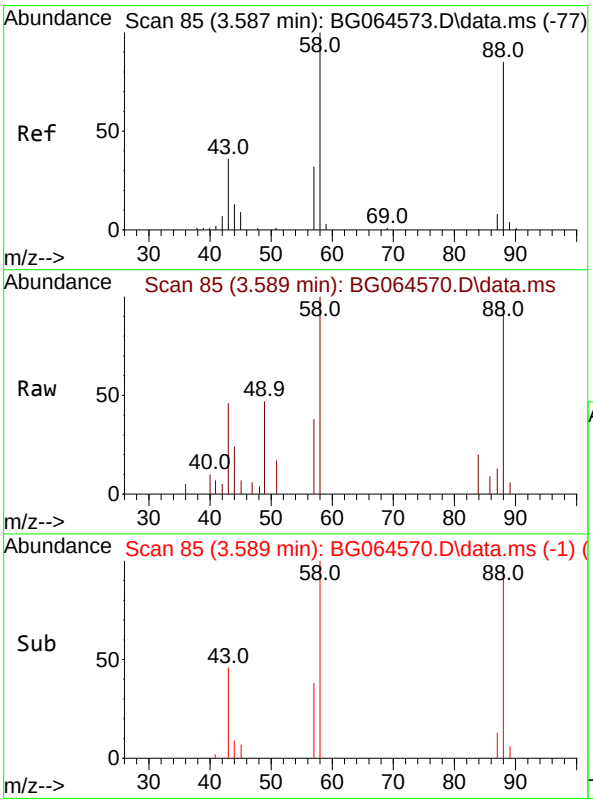
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.219 min Scan# 8
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 40837

Ion	Ratio	Lower	Upper
152	100		
150	153.0	122.2	183.4
115	62.5	50.8	76.2

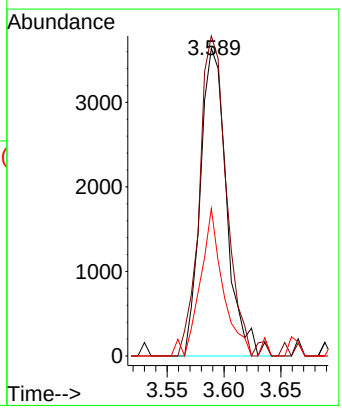


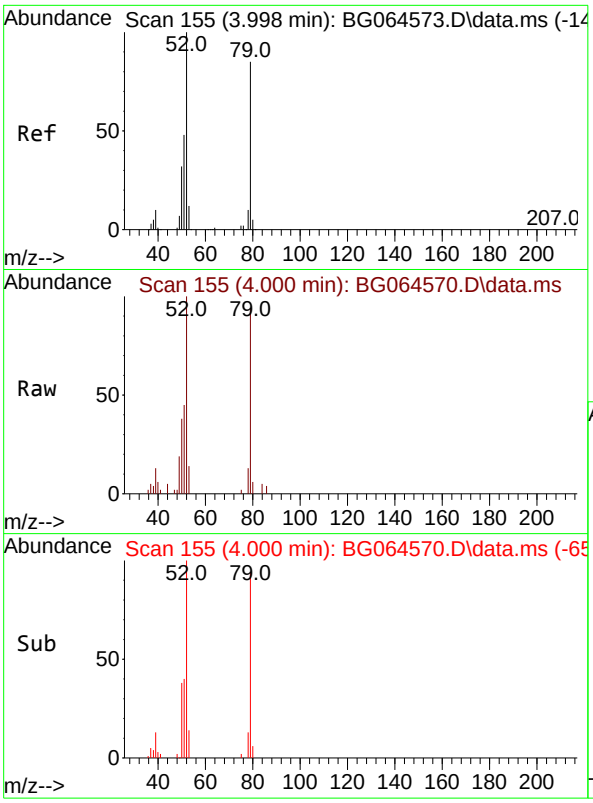


#2
1,4-Dioxane
Concen: 5.406 ng
RT: 3.589 min Scan# 85
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion: 88 Resp: 5823

Ion	Ratio	Lower	Upper
88	100		
58	108.0	92.4	138.6
43	41.6	33.0	49.6



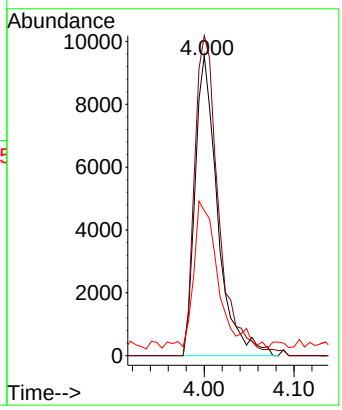


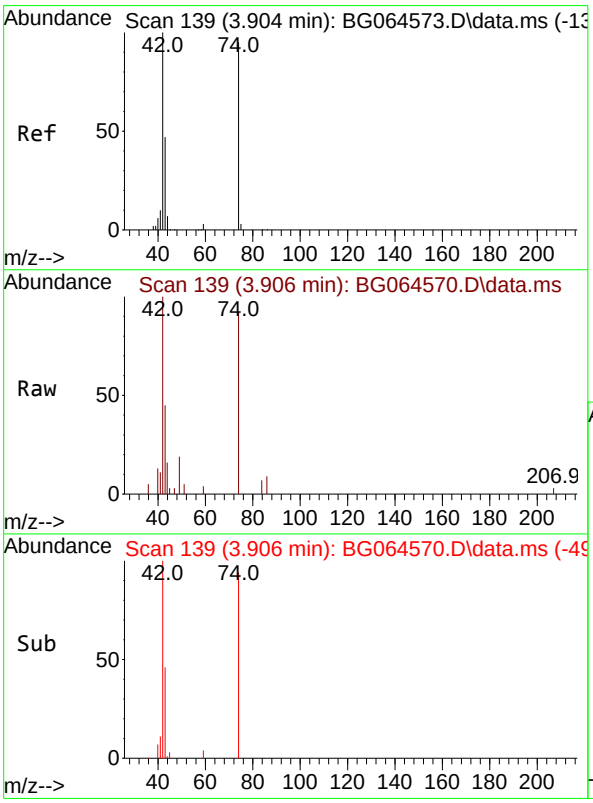
#3
Pyridine
Concen: 5.143 ng
RT: 4.000 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion: 79 Resp: 16637

Ion	Ratio	Lower	Upper
79	100		
52	106.6	94.2	141.2
51	48.4	46.1	69.1

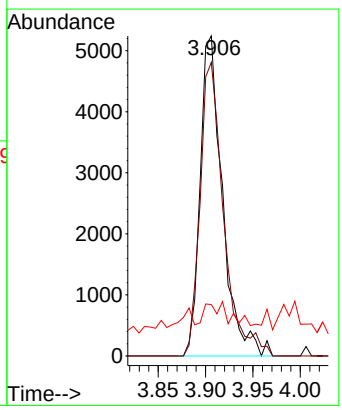


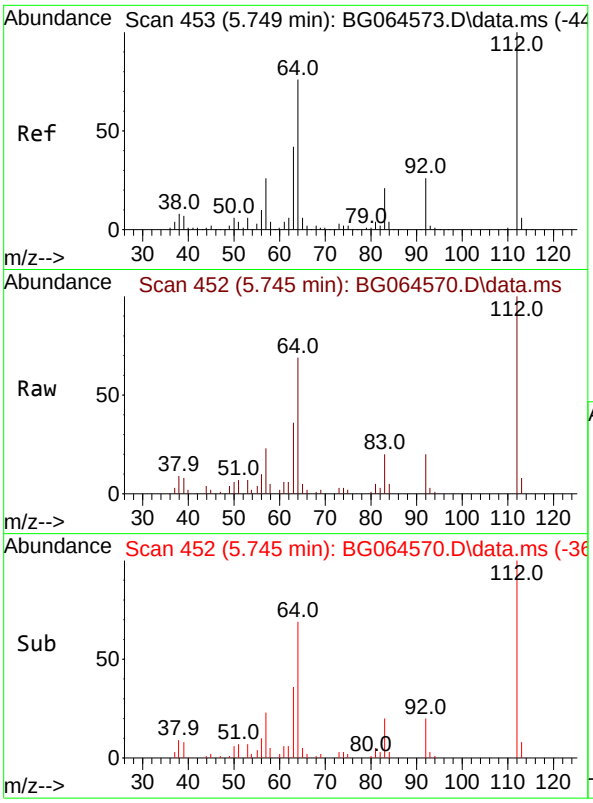


#4
n-Nitrosodimethylamine
Concen: 4.945 ng
RT: 3.906 min Scan# 139
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion: 42 Resp: 8578

Ion	Ratio	Lower	Upper
42	100		
74	91.8	76.1	114.1
44	16.1	6.3	9.5#



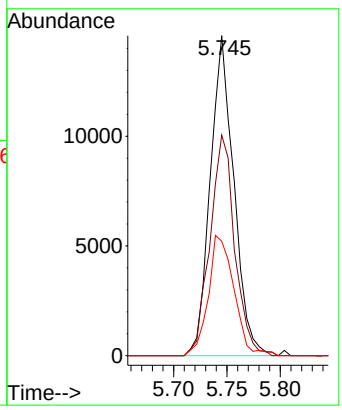


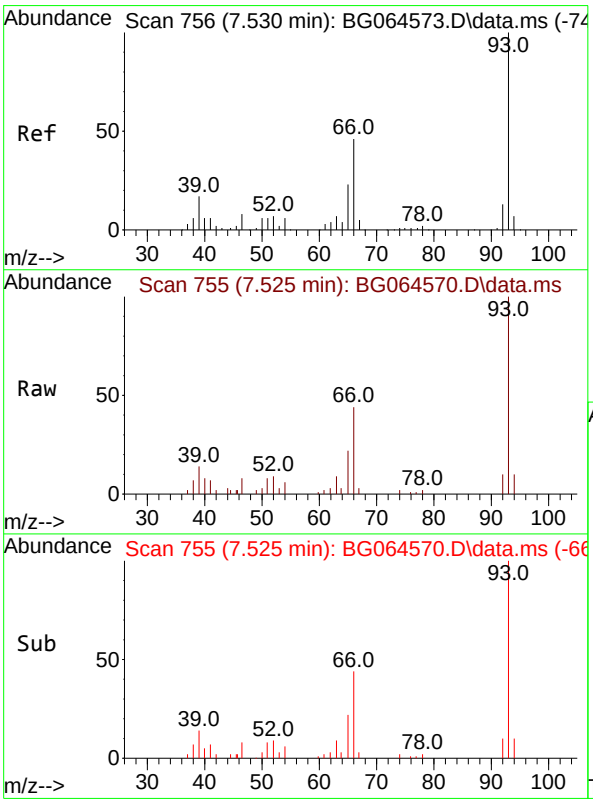
#5
2-Fluorophenol
Concen: 9.216 ng
RT: 5.745 min Scan# 4
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:112 Resp: 22421

Ion	Ratio	Lower	Upper
112	100		
64	68.9	60.7	91.1
63	35.8	33.4	50.0

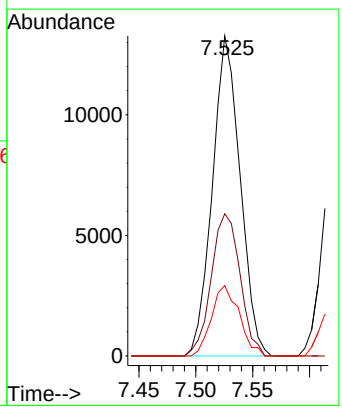


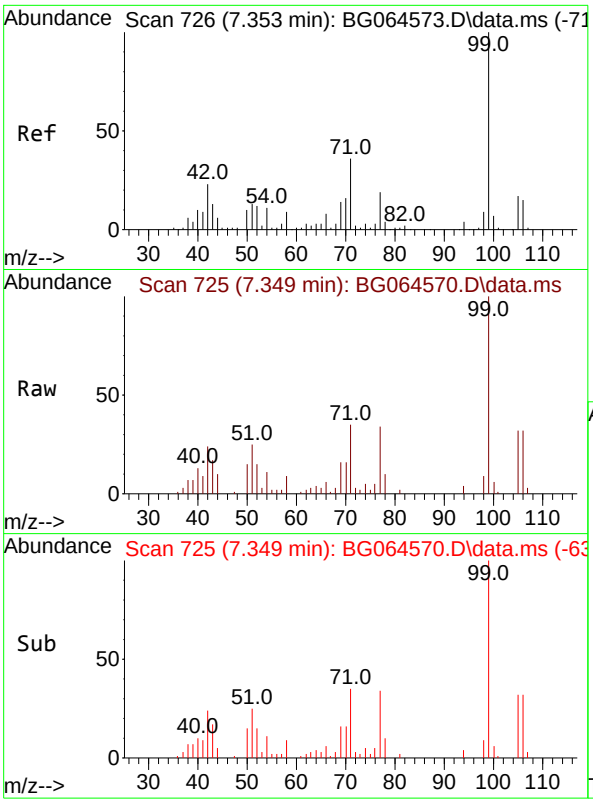


#6
Aniline
Concen: 4.952 ng
RT: 7.525 min Scan# 755
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion: 93 Resp: 22494

Ion	Ratio	Lower	Upper
93	100		
66	44.4	37.0	55.6
65	22.0	18.3	27.5



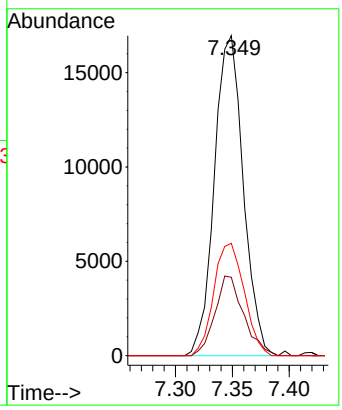


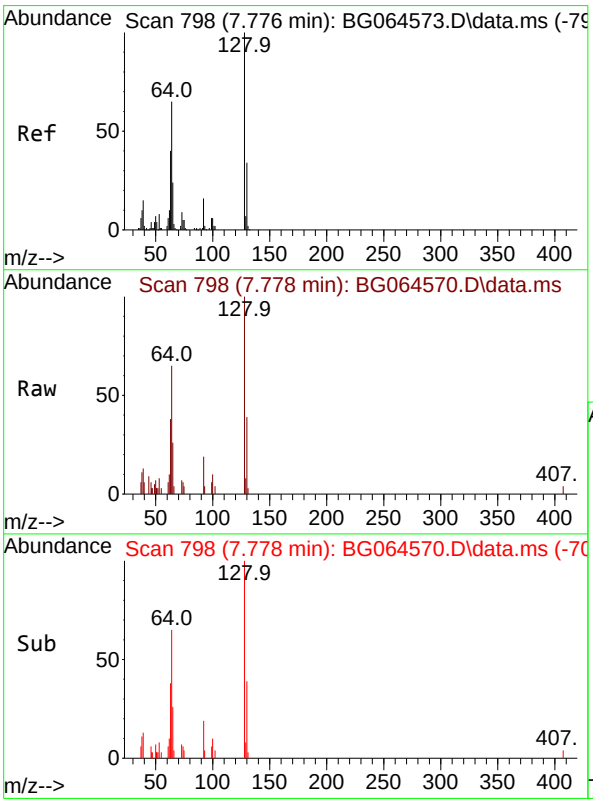
#7
Phenol-d6
Concen: 8.987 ng
RT: 7.349 min Scan# 7
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion: 99 Resp: 30003

Ion	Ratio	Lower	Upper
99	100		
42	24.5	18.3	27.5
71	35.1	28.6	43.0

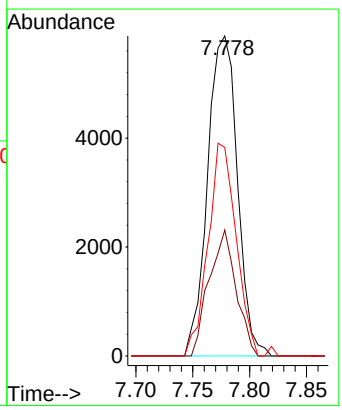


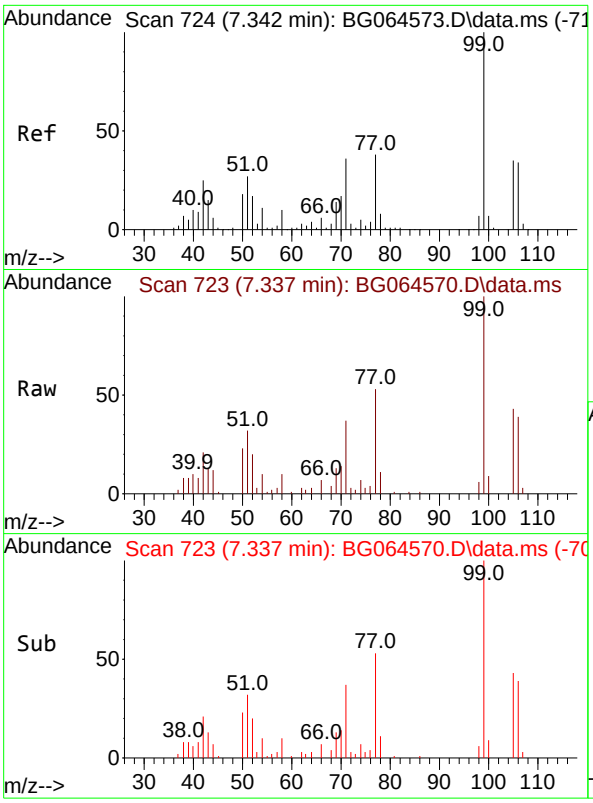


#8
2-Chlorophenol
Concen: 4.214 ng
RT: 7.778 min Scan# 798
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:128 Resp: 10732

Ion	Ratio	Lower	Upper
128	100		
130	39.4	13.5	53.5
64	65.2	45.2	85.2



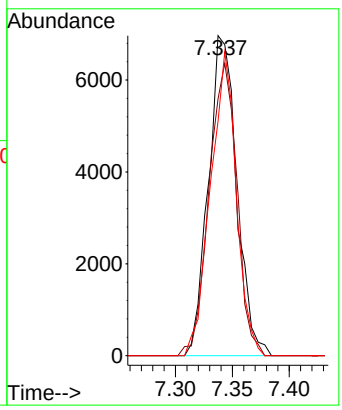


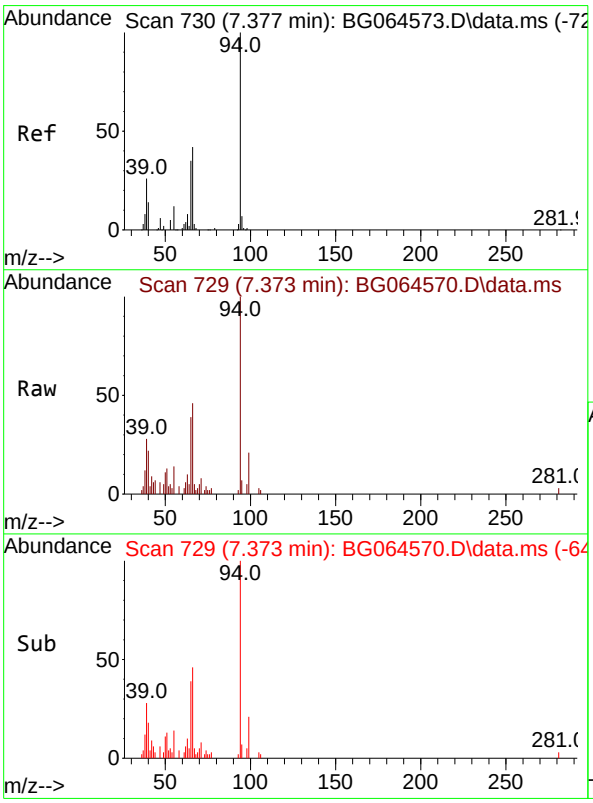
#9
Benzaldehyde
Concen: 6.589 ng
RT: 7.337 min Scan# 7
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion: 77 Resp: 12009

Ion	Ratio	Lower	Upper
77	100		
105	80.3	72.9	112.9
106	73.3	70.8	110.8

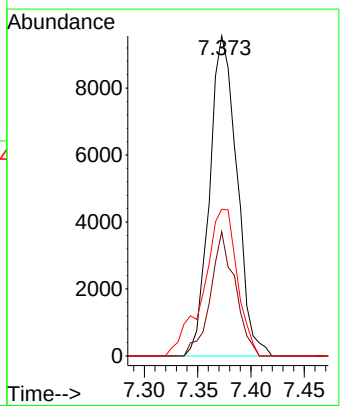


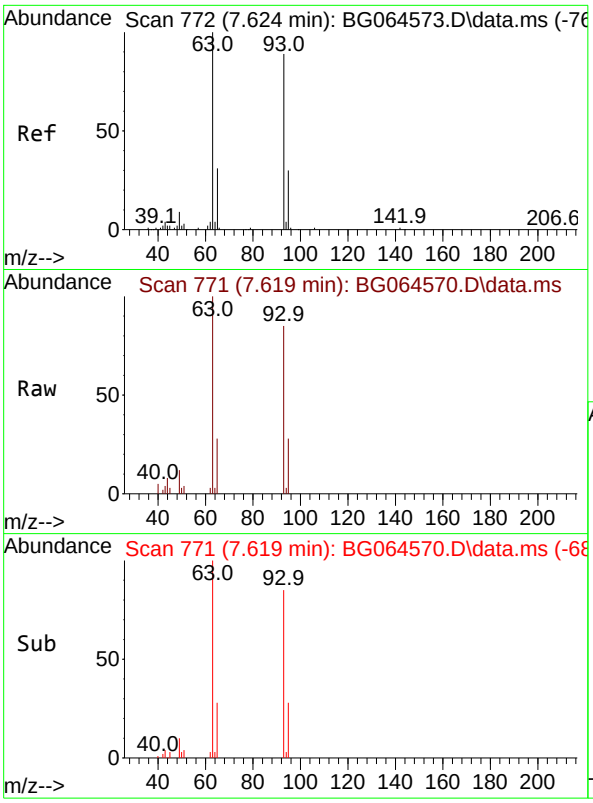


#10
Phenol
Concen: 4.603 ng
RT: 7.373 min Scan# 729
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion: 94 Resp: 16995

Ion	Ratio	Lower	Upper
94	100		
65	38.8	15.8	55.8
66	45.9	24.0	64.0



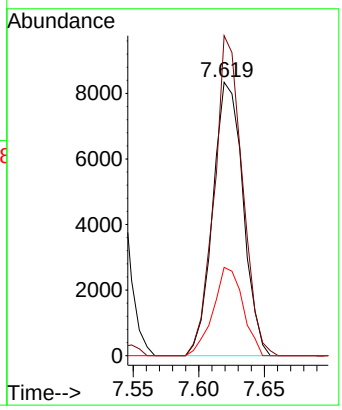


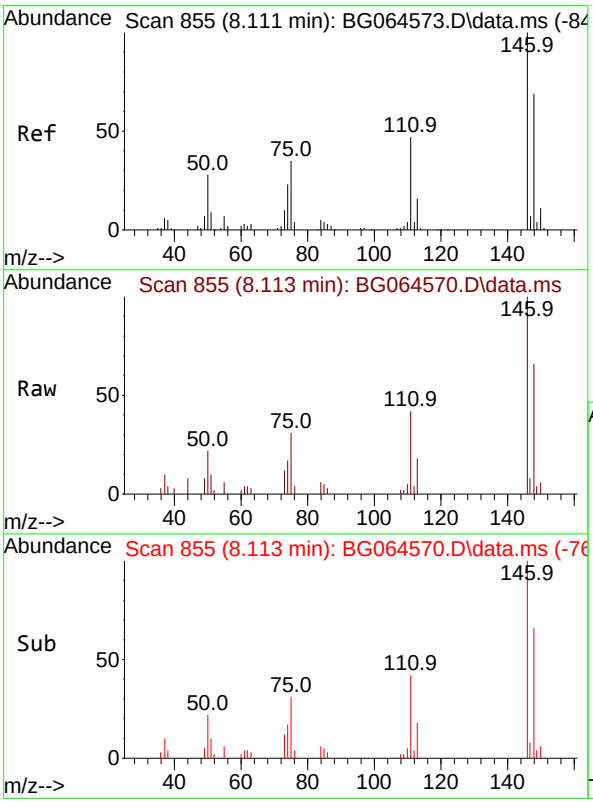
#11
bis(2-Chloroethyl)ether
Concen: 4.915 ng
RT: 7.619 min Scan# 7
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 13341

Ion	Ratio	Lower	Upper
93	100		
63	117.0	91.3	131.3
95	32.3	13.3	53.3

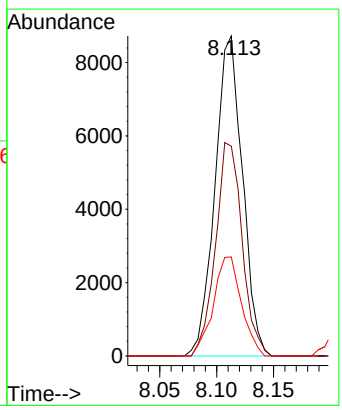


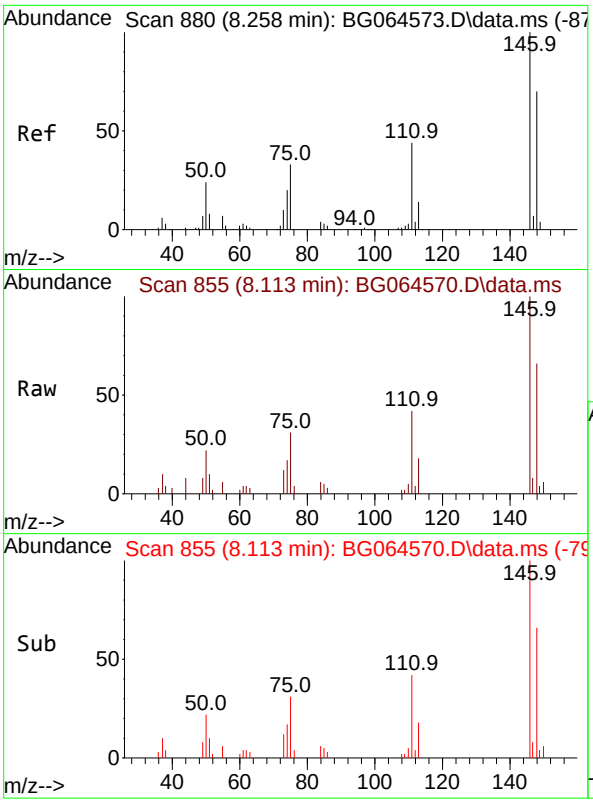


#12
1,3-Dichlorobenzene
Concen: 4.998 ng
RT: 8.113 min Scan# 855
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:146 Resp: 14650

Ion	Ratio	Lower	Upper
146	100		
148	64.6	55.3	82.9
75	28.7	28.2	42.2



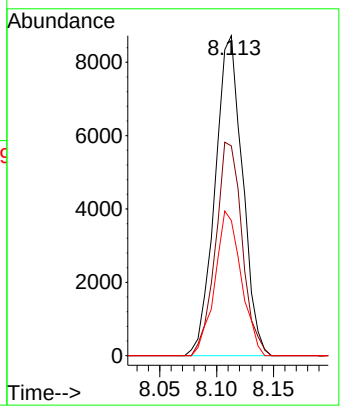


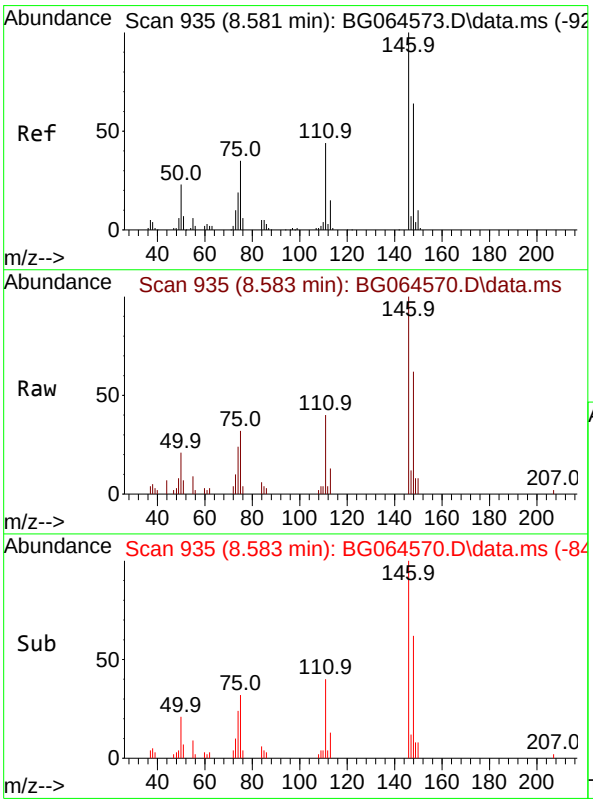
#13
1,4-Dichlorobenzene
Concen: 4.916 ng
RT: 8.113 min Scan# 8
Delta R.T. -0.145 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:146 Resp: 14650

Ion	Ratio	Lower	Upper
146	100		
148	64.6	56.2	84.4
111	39.2	35.4	53.0

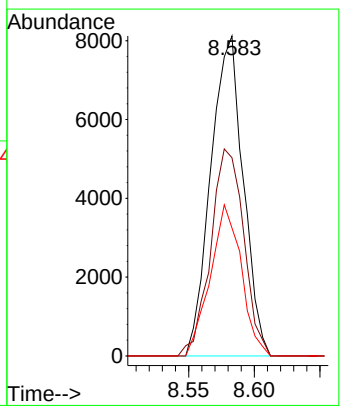


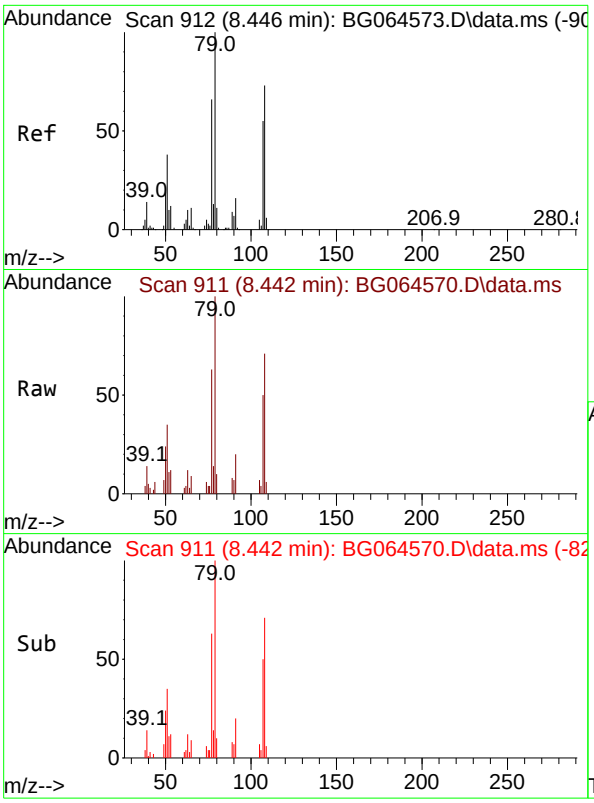


#14
1,2-Dichlorobenzene
Concen: 4.868 ng
RT: 8.583 min Scan# 935
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:146 Resp: 13994

Ion	Ratio	Lower	Upper
146	100		
148	61.9	51.5	77.3
111	40.0	35.0	52.6



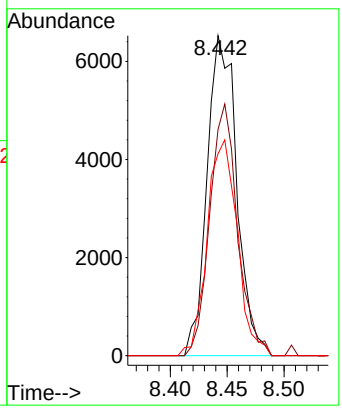


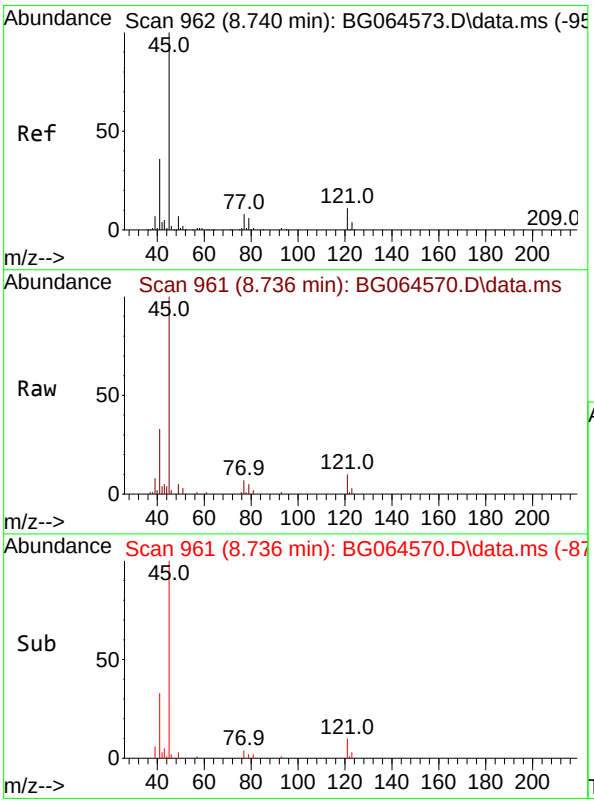
#15
Benzyl Alcohol
Concen: 4.293 ng
RT: 8.442 min Scan# 9
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion: 79 Resp: 11820

Ion	Ratio	Lower	Upper
79	100		
108	70.7	58.1	87.1
77	63.1	52.8	79.2

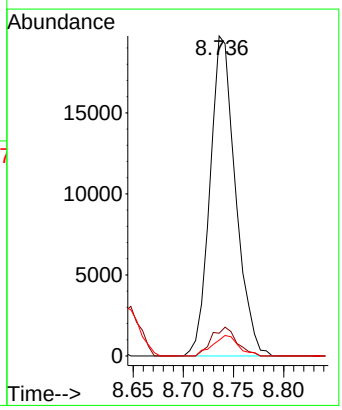


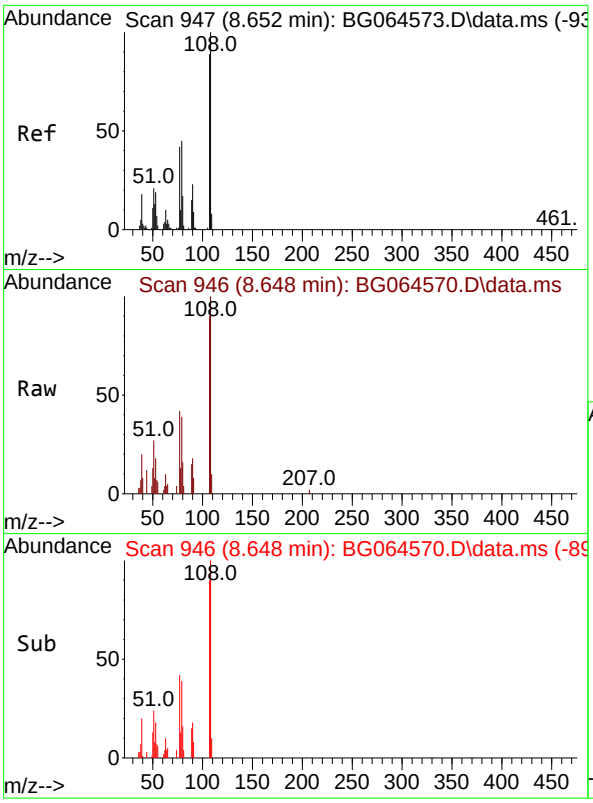


#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.905 ng
RT: 8.736 min Scan# 961
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion: 45 Resp: 34925

Ion	Ratio	Lower	Upper
45	100		
77	7.1	0.0	28.5
79	5.0	0.0	25.6



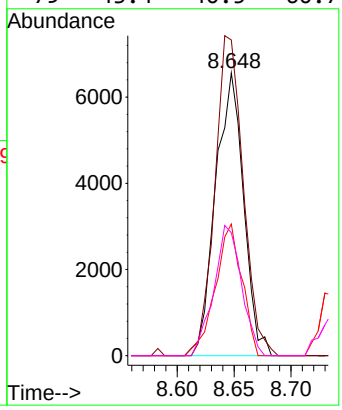


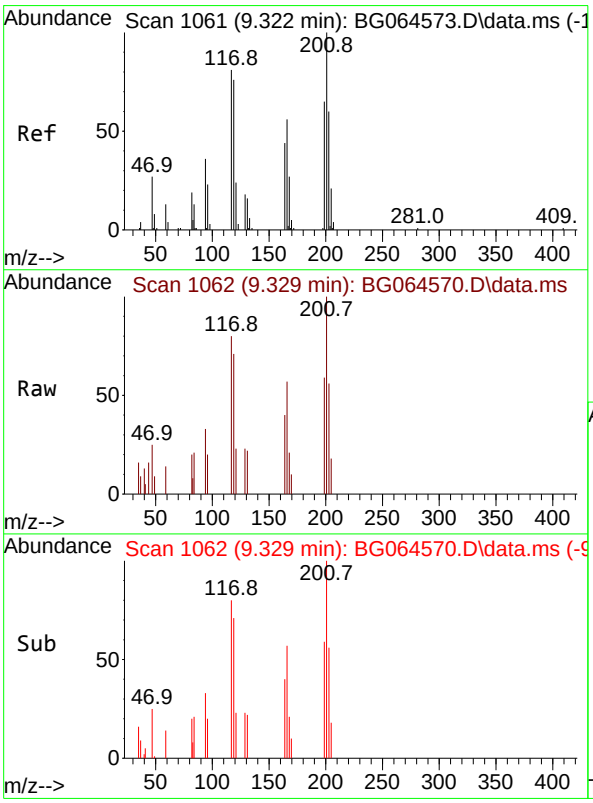
#17
2-Methylphenol
Concen: 4.593 ng
RT: 8.648 min Scan# 94
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:107 Resp: 11259

Ion	Ratio	Lower	Upper
107	100		
108	111.6	90.0	135.0
77	46.6	37.8	56.8
79	43.4	40.5	60.7

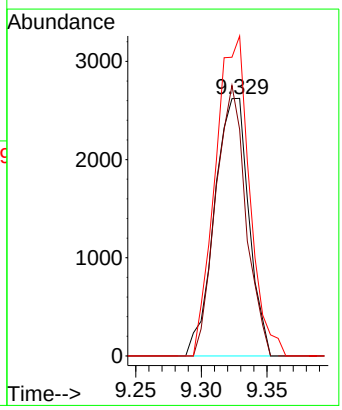


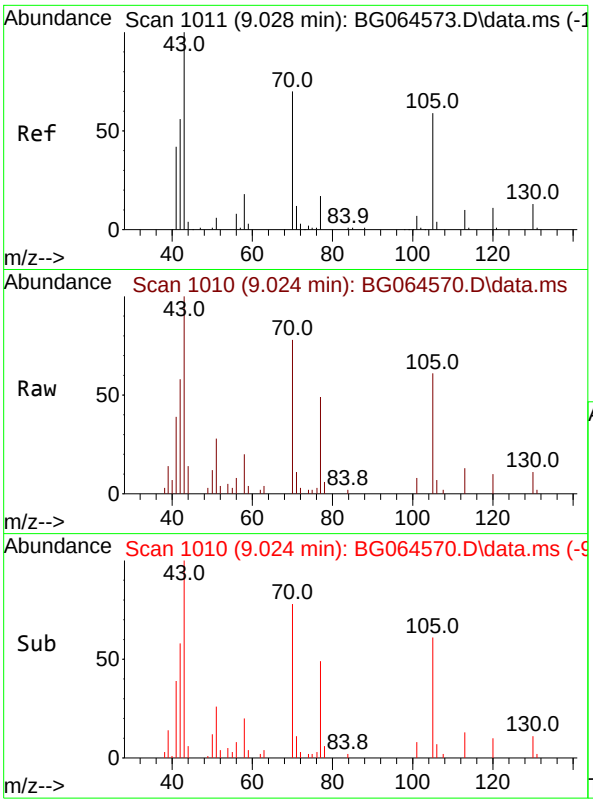


#18
Hexachloroethane
Concen: 4.564 ng
RT: 9.329 min Scan# 1062
Delta R.T. 0.008 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:117 Resp: 4773

Ion	Ratio	Lower	Upper
117	100		
119	88.0	75.4	113.2
201	124.2	99.2	148.8



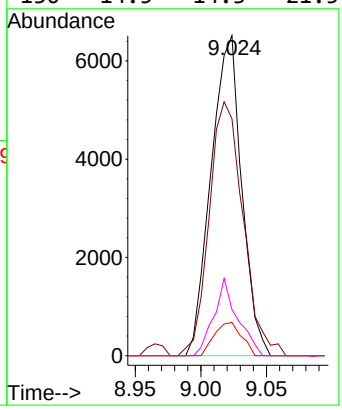


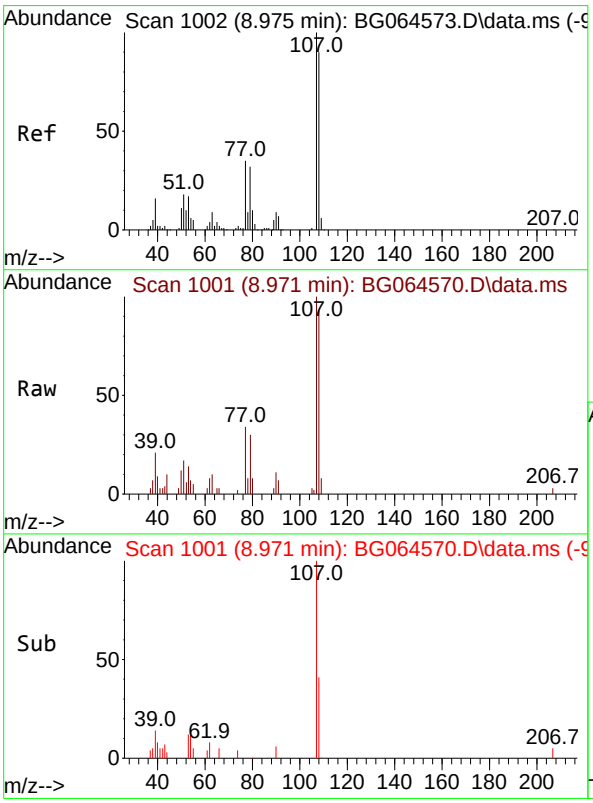
#19
n-Nitroso-di-n-propylamine
Concen: 4.592 ng
RT: 9.024 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion: 70 Resp: 10596

Ion	Ratio	Lower	Upper
70	100		
42	74.1	65.2	97.8
101	10.4	7.9	11.9
130	14.5	14.3	21.5

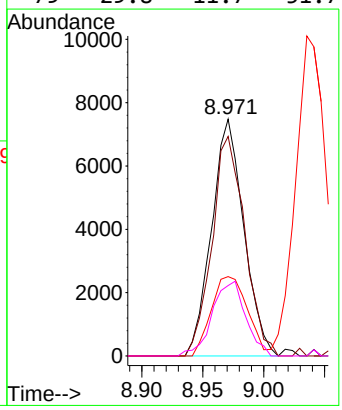


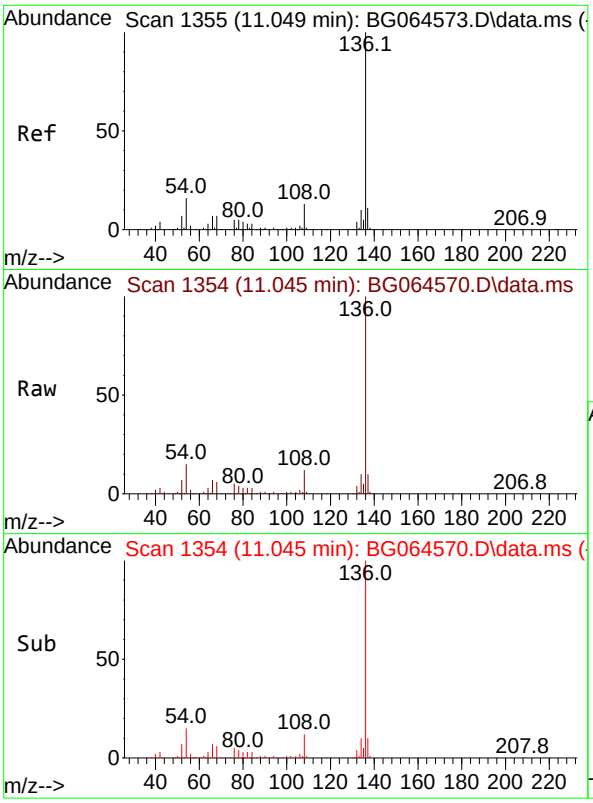


#20
3+4-Methylphenols
Concen: 3.993 ng
RT: 8.971 min Scan# 1001
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:107 Resp: 13766

Ion	Ratio	Lower	Upper
107	100		
108	92.7	70.3	110.3
77	33.5	14.6	54.6
79	29.8	11.7	51.7



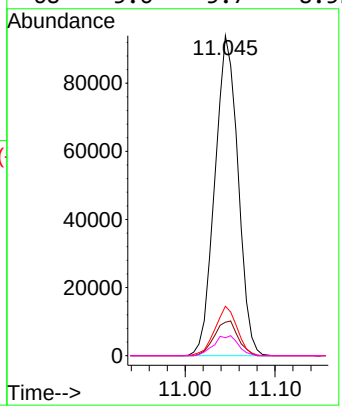


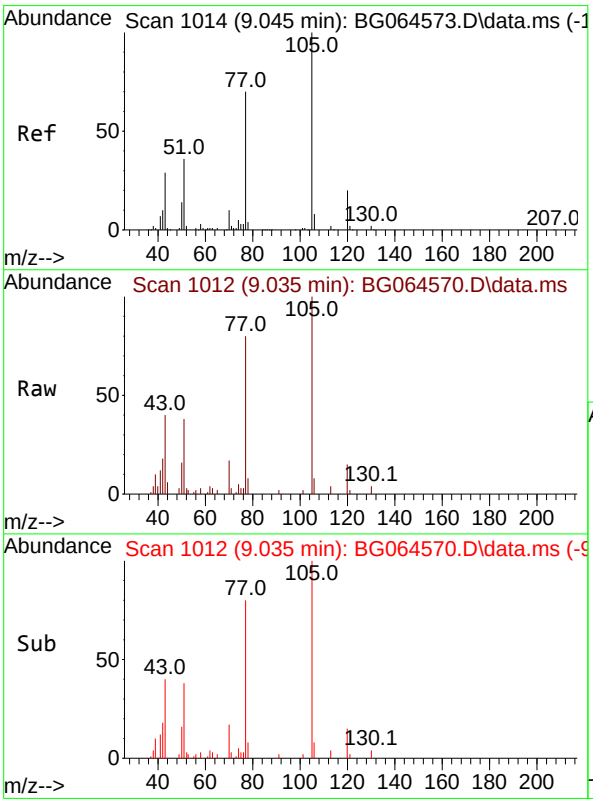
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.045 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:136 Resp: 168287

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.2	13.8
54	15.4	12.6	19.0
68	5.6	5.7	8.5#

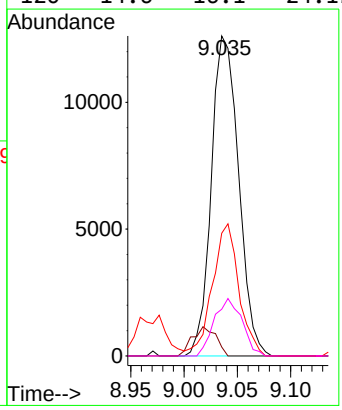


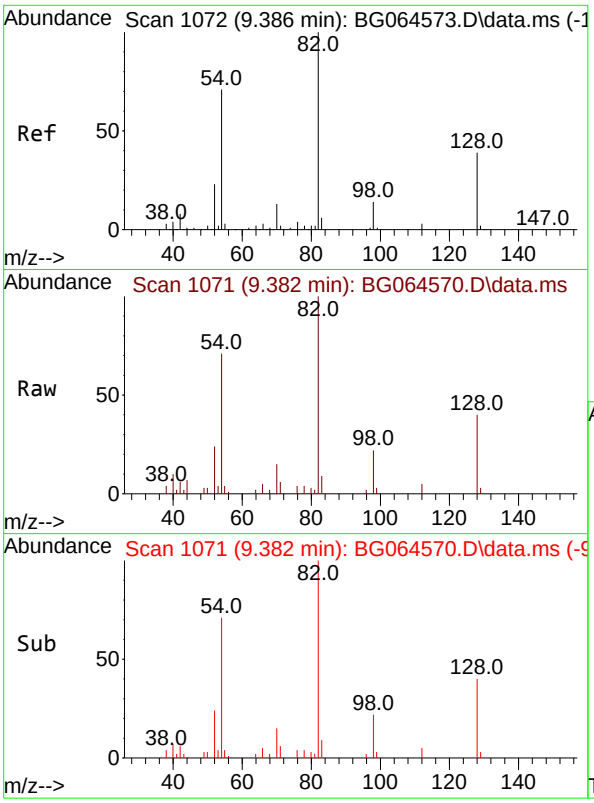


#22
Acetophenone
Concen: 4.892 ng
RT: 9.035 min Scan# 1012
Delta R.T. -0.010 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:105 Resp: 22505

Ion	Ratio	Lower	Upper
105	100		
71	2.8	1.5	2.3#
51	38.4	33.7	50.5
120	14.6	16.1	24.1#



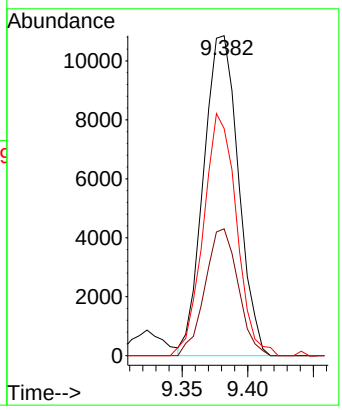


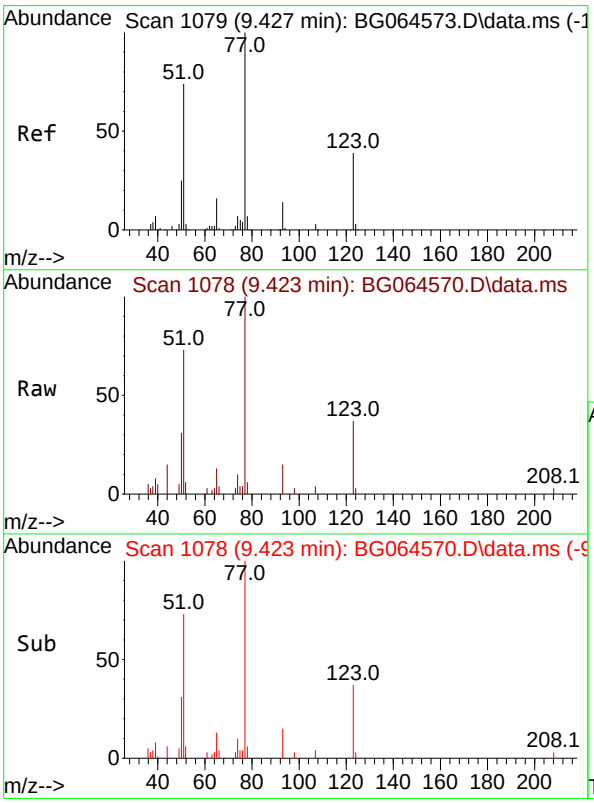
#23
Nitrobenzene-d5
Concen: 7.173 ng
RT: 9.382 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 20097

Ion	Ratio	Lower	Upper
82	100		
128	39.6	31.3	46.9
54	71.0	56.6	84.8

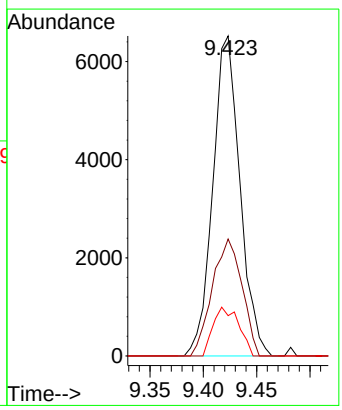


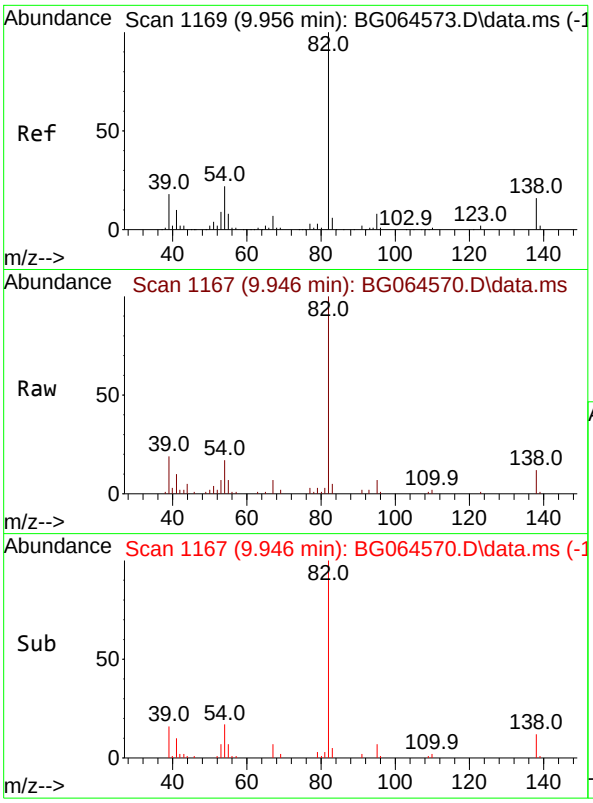


#24
Nitrobenzene
Concen: 3.782 ng
RT: 9.423 min Scan# 1078
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion: 77 Resp: 11526

Ion	Ratio	Lower	Upper
77	100		
123	36.6	31.0	46.6
65	12.6	12.7	19.1#



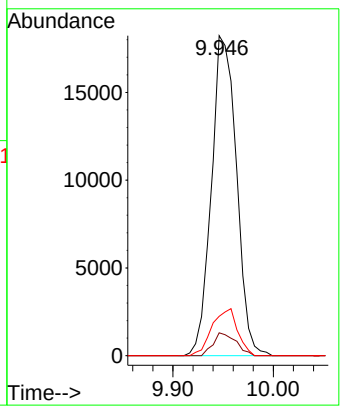


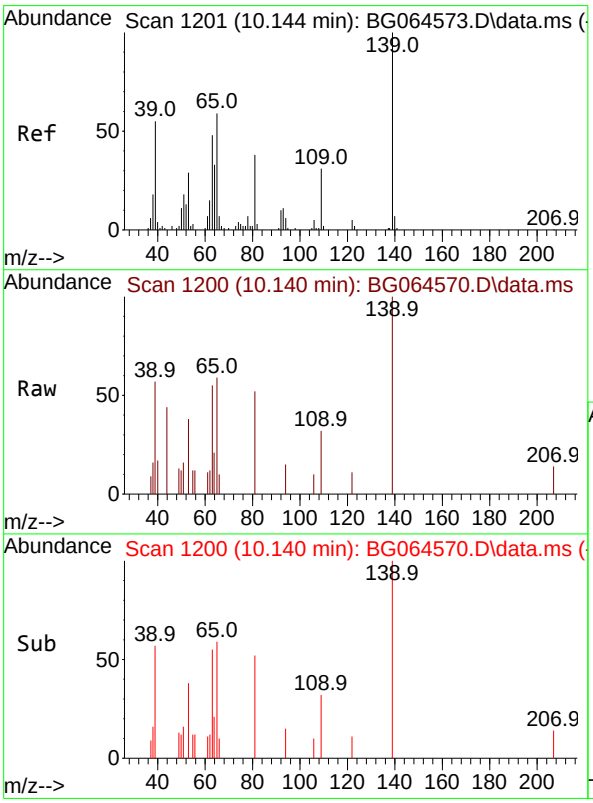
#25
Isophorone
Concen: 4.701 ng
RT: 9.946 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 31609

Ion	Ratio	Lower	Upper
82	100		
95	7.2	6.1	9.1
138	12.3	13.0	19.4#

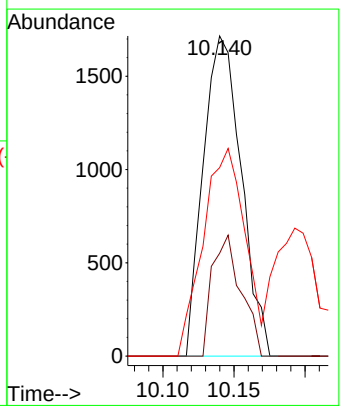


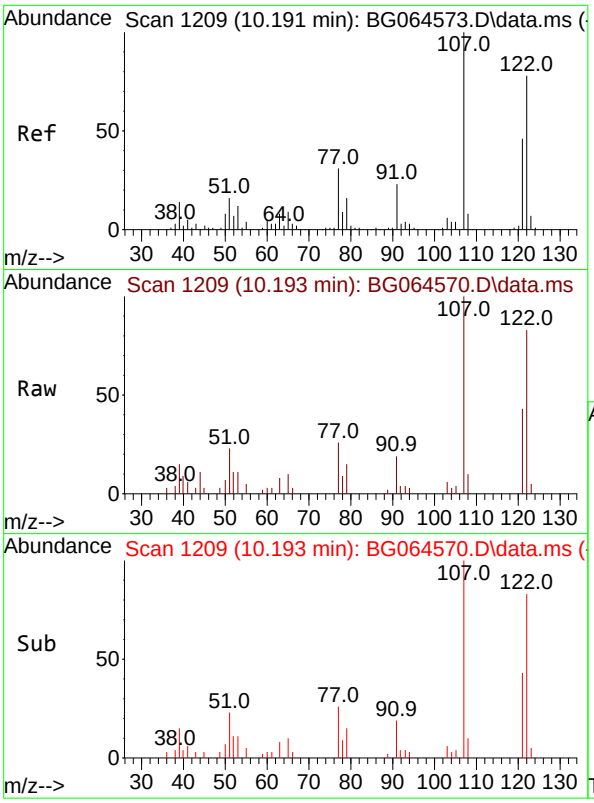


#26
2-Nitrophenol
Concen: 5.664 ng
RT: 10.140 min Scan# 1200
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:139 Resp: 3186

Ion	Ratio	Lower	Upper
139	100		
109	32.1	24.6	37.0
65	58.9	47.5	71.3



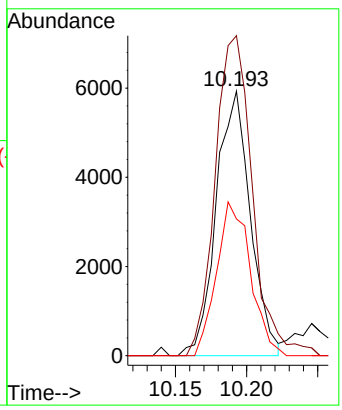


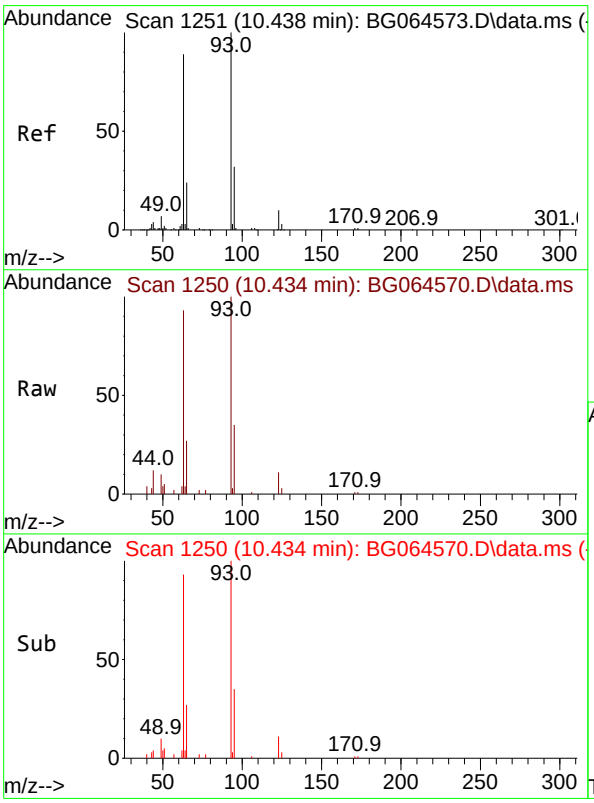
#27
2,4-Dimethylphenol
Concen: 3.969 ng
RT: 10.193 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:122 Resp: 9925

Ion	Ratio	Lower	Upper
122	100		
107	121.0	103.0	154.4
121	51.7	47.8	71.8

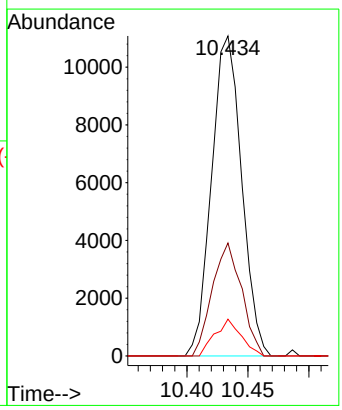


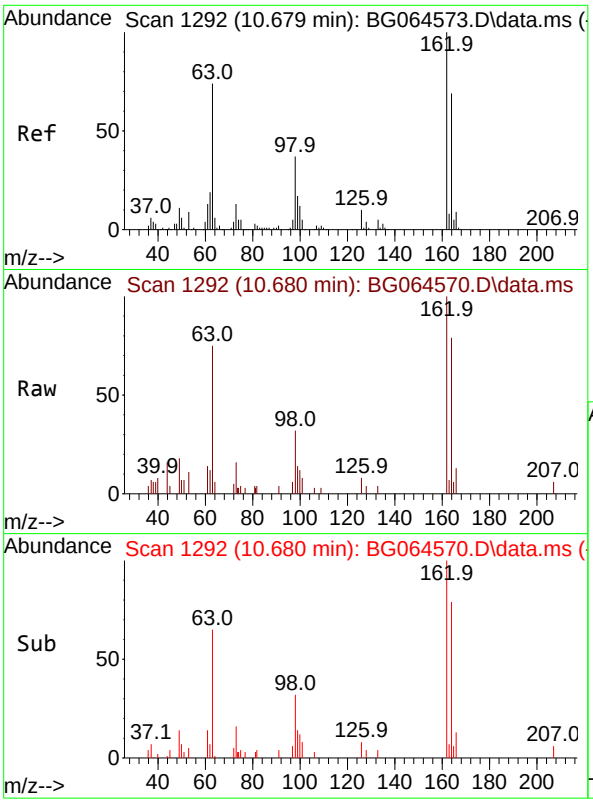


#28
bis(2-Chloroethoxy)methane
Concen: 4.963 ng
RT: 10.434 min Scan# 1250
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion: 93 Resp: 18999

Ion	Ratio	Lower	Upper
93	100		
95	35.3	25.4	38.2
123	11.5	8.4	12.6



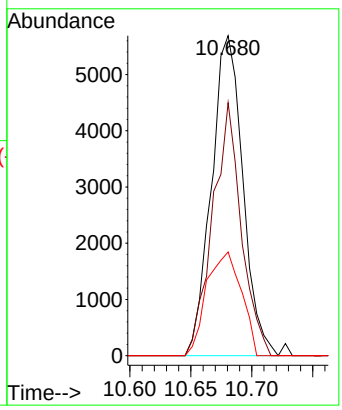


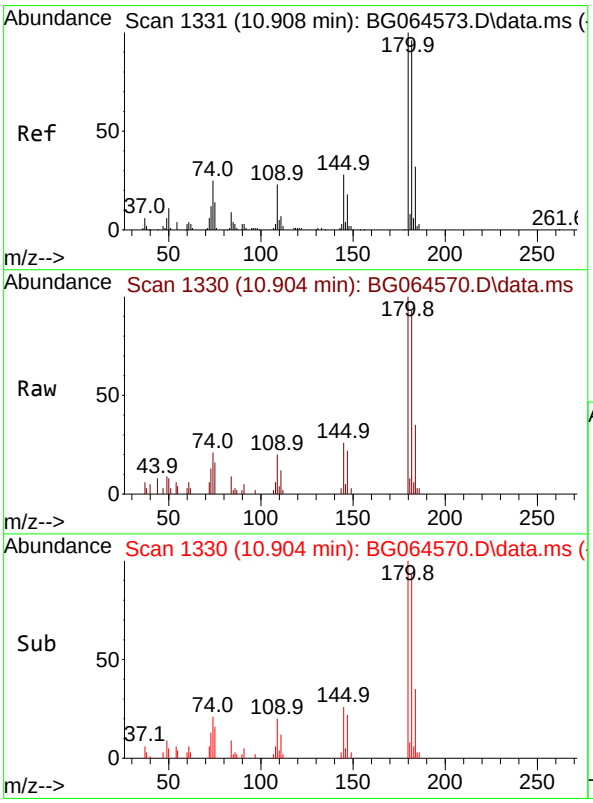
#29
2,4-Dichlorophenol
Concen: 3.798 ng
RT: 10.680 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:162 Resp: 10223

Ion	Ratio	Lower	Upper
162	100		
164	79.1	48.7	88.7
98	32.4	16.9	56.9

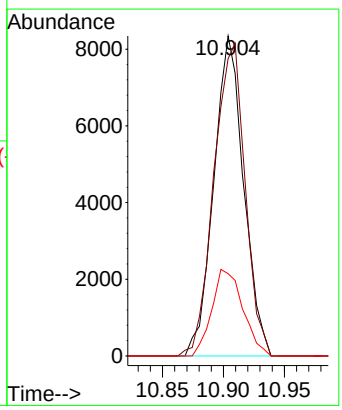


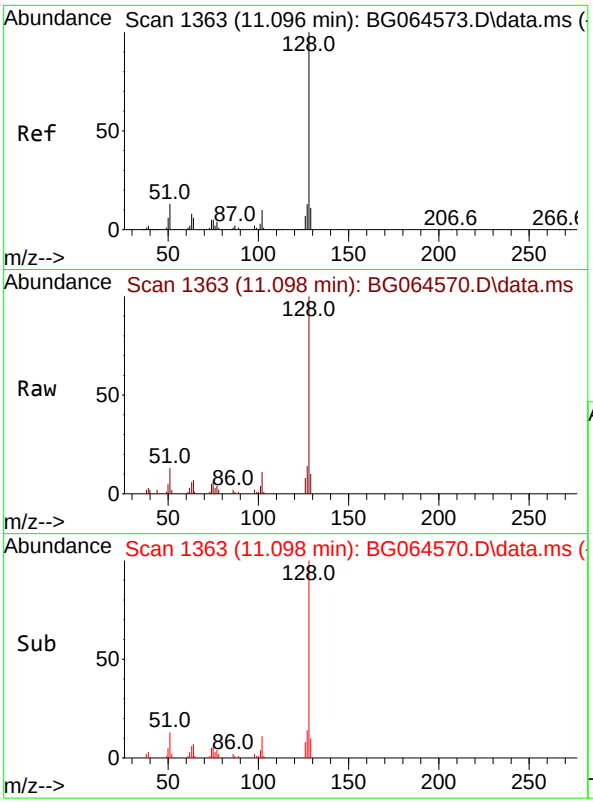


#30
1,2,4-Trichlorobenzene
Concen: 4.656 ng
RT: 10.904 min Scan# 1330
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:180 Resp: 14238

Ion	Ratio	Lower	Upper
180	100		
182	92.9	76.9	115.3
145	25.7	22.1	33.1



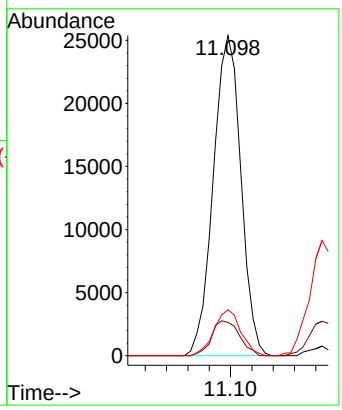


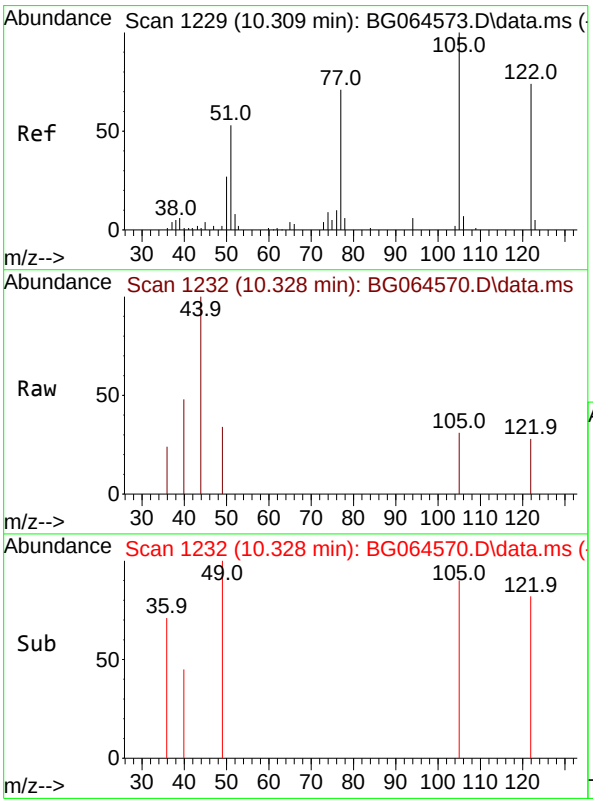
#31
Naphthalene
Concen: 4.883 ng
RT: 11.098 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 45559

Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.8	13.2
127	14.3	10.6	15.8

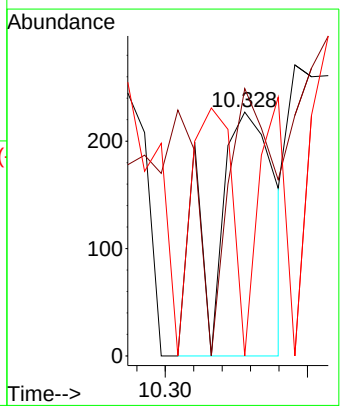


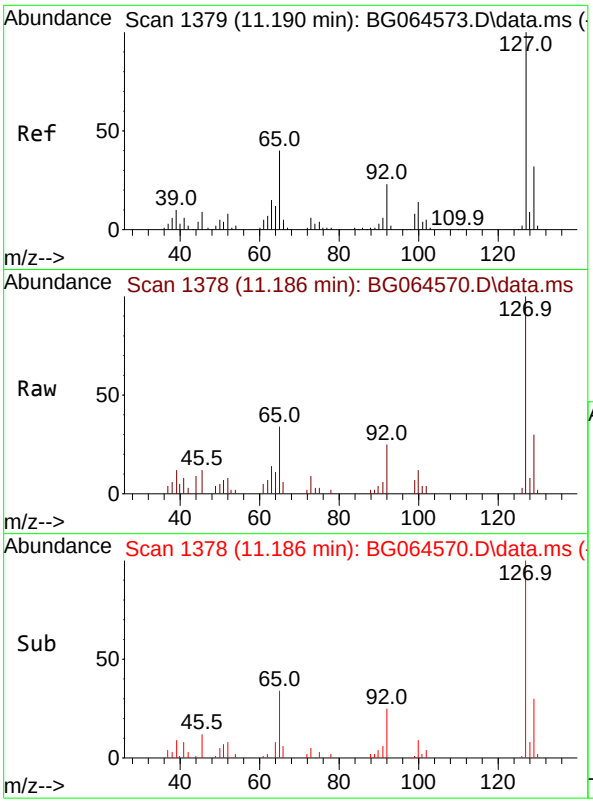


#32
Benzoic acid
Concen: 5.012 ng
RT: 10.328 min Scan# 1232
Delta R.T. 0.019 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:122 Resp: 347

Ion	Ratio	Lower	Upper
122	100		
105	109.7	104.2	144.2
77	0.0	70.2	110.2#



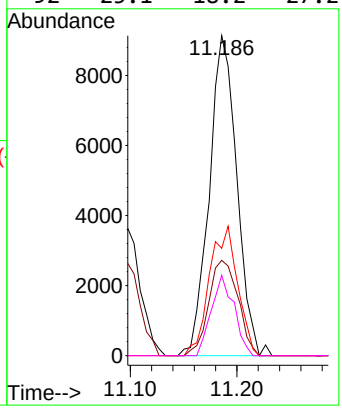


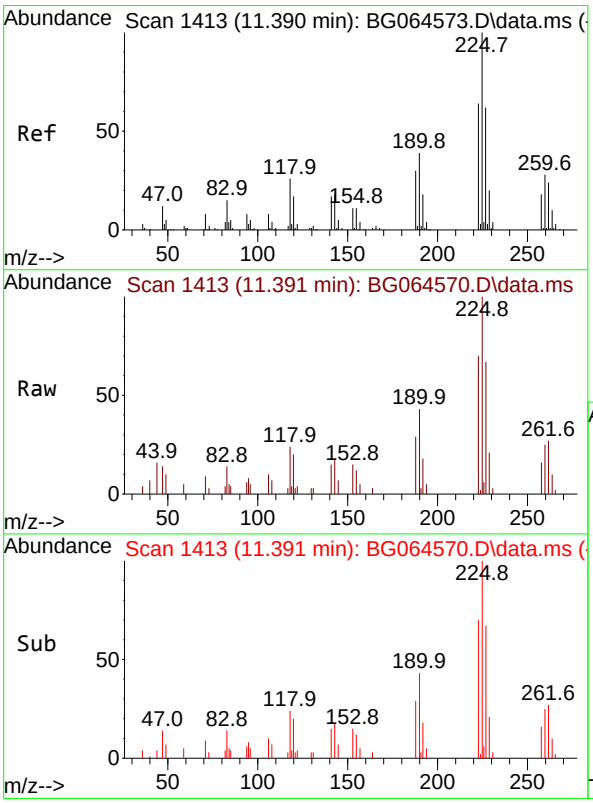
#33
4-Chloroaniline
Concen: 4.530 ng
RT: 11.186 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:127 Resp: 16429

Ion	Ratio	Lower	Upper
127	100		
129	29.8	25.5	38.3
65	33.5	32.2	48.4
92	25.1	18.2	27.2

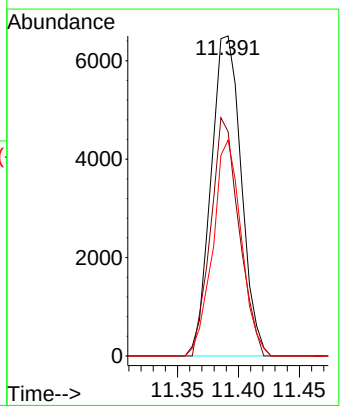


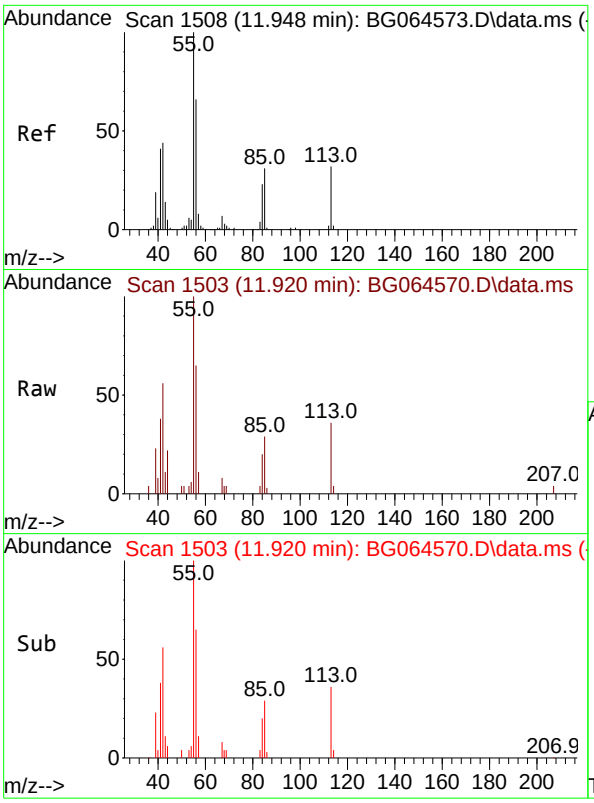


#34
Hexachlorobutadiene
Concen: 4.688 ng
RT: 11.391 min Scan# 1413
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:225 Resp: 11212

Ion	Ratio	Lower	Upper
225	100		
223	66.4	48.8	73.2
227	63.9	49.5	74.3



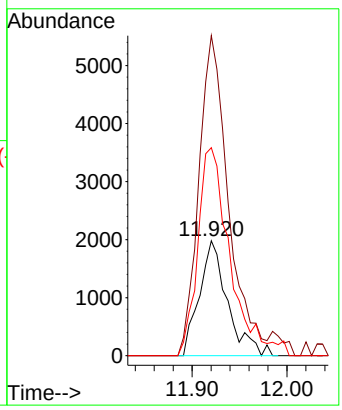


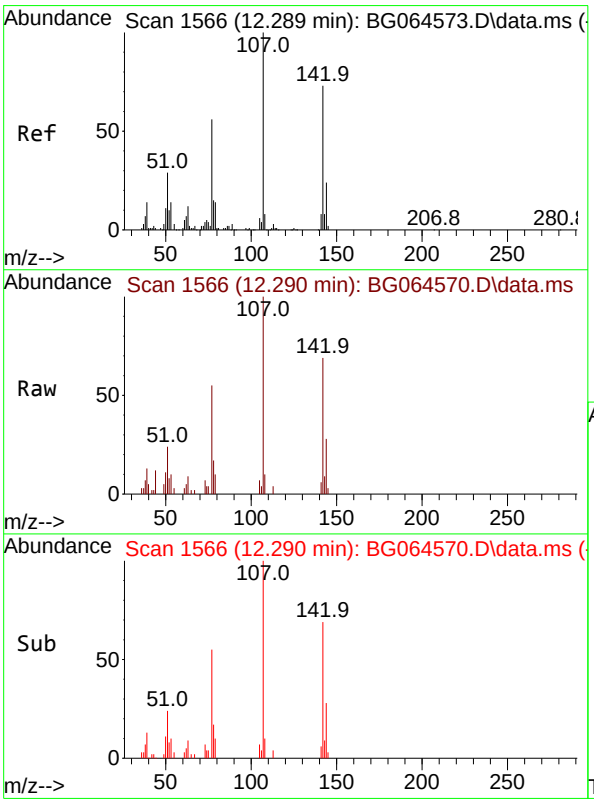
#35
Caprolactam
Concen: 3.960 ng
RT: 11.920 min Scan# 1
Delta R.T. -0.028 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:113 Resp: 4088

Ion	Ratio	Lower	Upper
113	100		
55	278.7	290.1	330.1#
56	181.2	183.8	223.8#

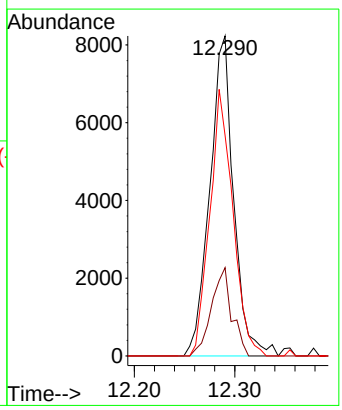


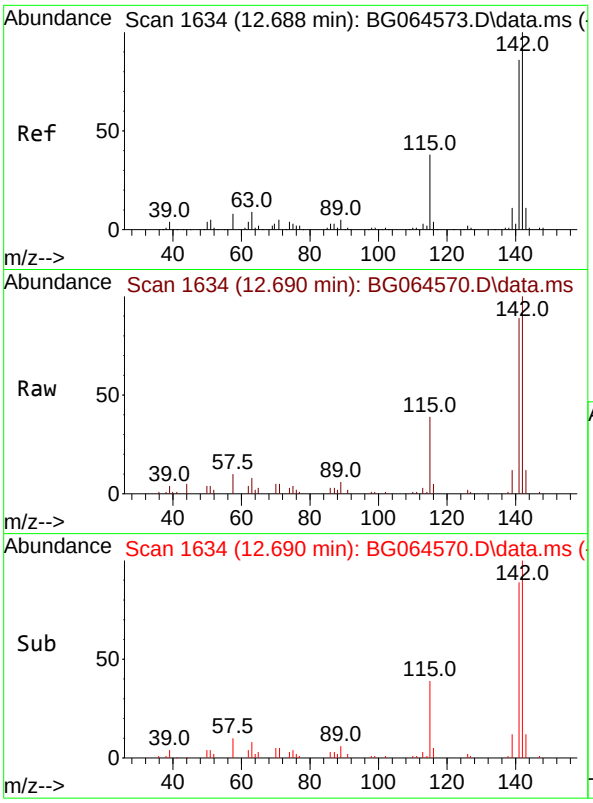


#36
4-Chloro-3-methylphenol
Concen: 4.205 ng
RT: 12.290 min Scan# 1566
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:107 Resp: 13604

Ion	Ratio	Lower	Upper
107	100		
144	27.6	19.1	28.7
142	68.9	58.6	87.8



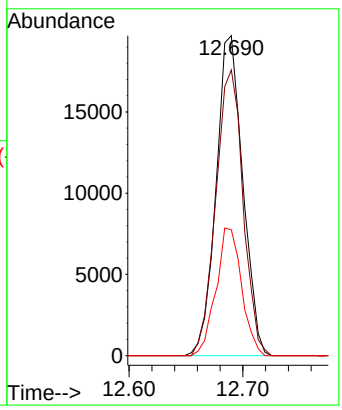


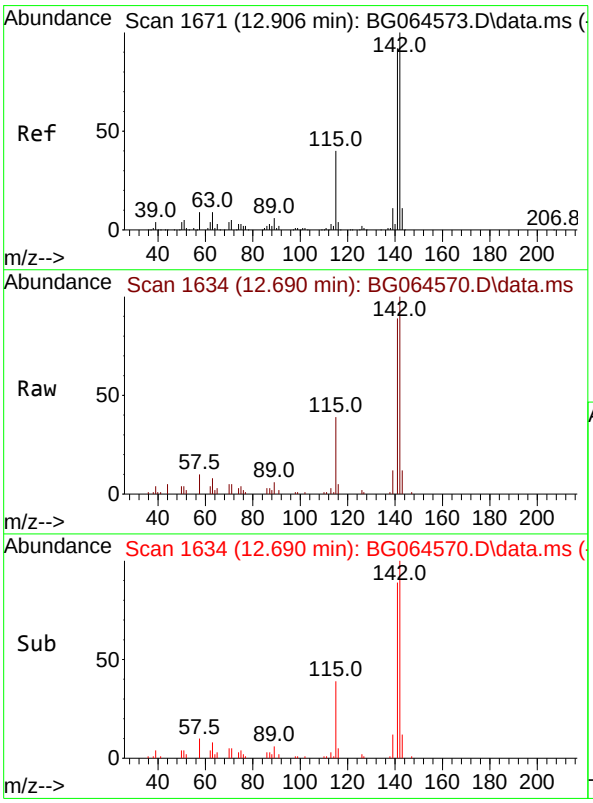
#37
2-Methylnaphthalene
Concen: 4.690 ng
RT: 12.690 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 32129

Ion	Ratio	Lower	Upper
142	100		
141	89.3	68.9	103.3
115	39.3	30.6	46.0

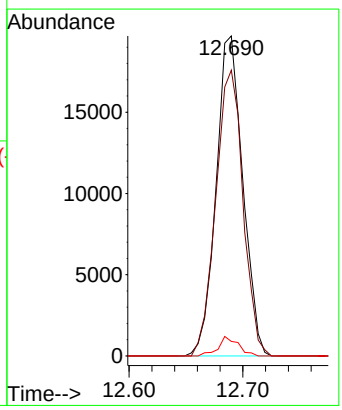


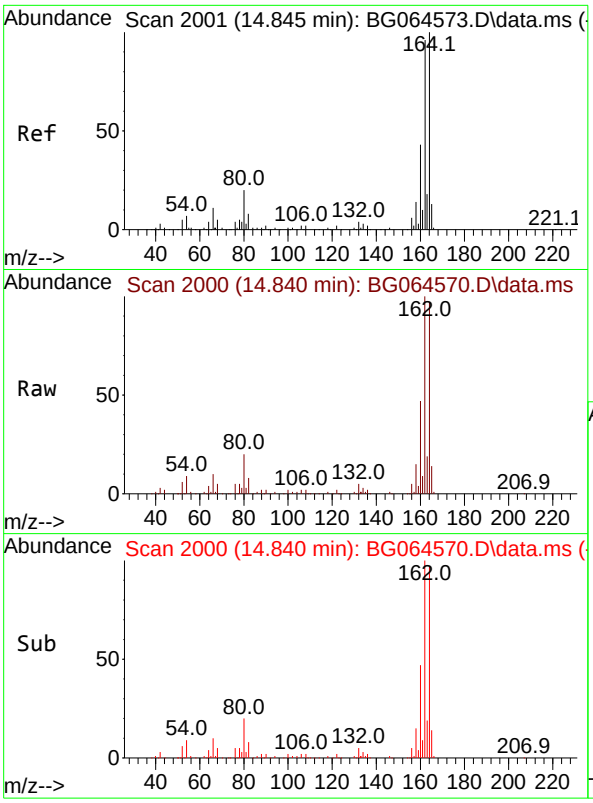


#38
1-Methylnaphthalene
Concen: 4.739 ng
RT: 12.690 min Scan# 1634
Delta R.T. -0.216 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:142 Resp: 32129

Ion	Ratio	Lower	Upper
142	100		
141	89.3	73.3	109.9
116	4.6	3.1	4.7



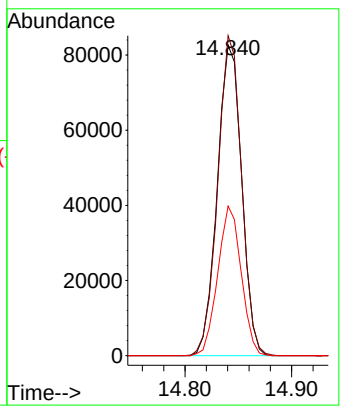


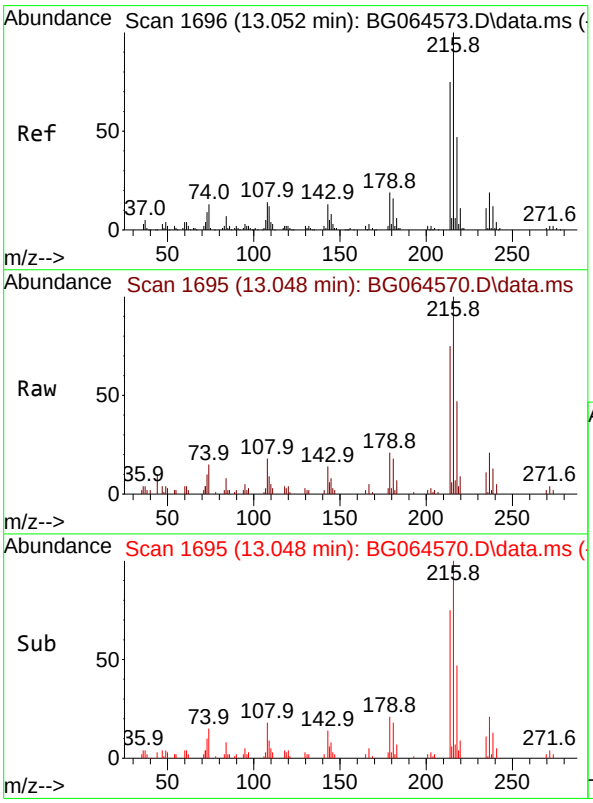
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.840 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:164 Resp: 131387

Ion	Ratio	Lower	Upper
164	100		
162	103.0	77.0	115.6
160	48.2	34.4	51.6

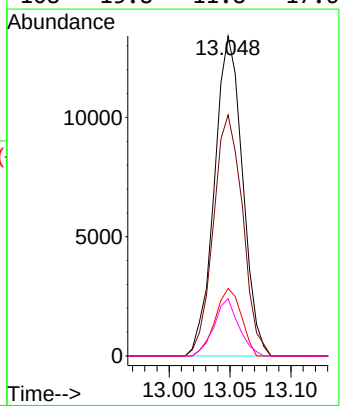


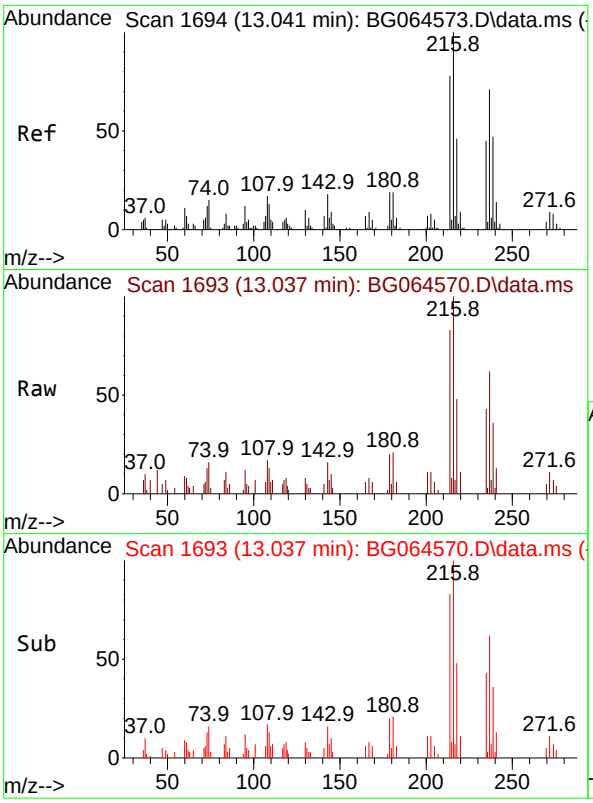


#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.893 ng
RT: 13.048 min Scan# 1695
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:216 Resp: 21576

Ion	Ratio	Lower	Upper
216	100		
214	78.0	61.4	92.2
179	19.5	15.4	23.0
108	15.8	11.8	17.6



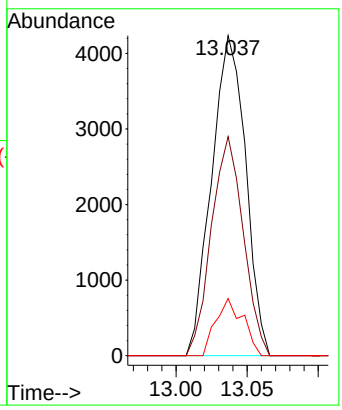


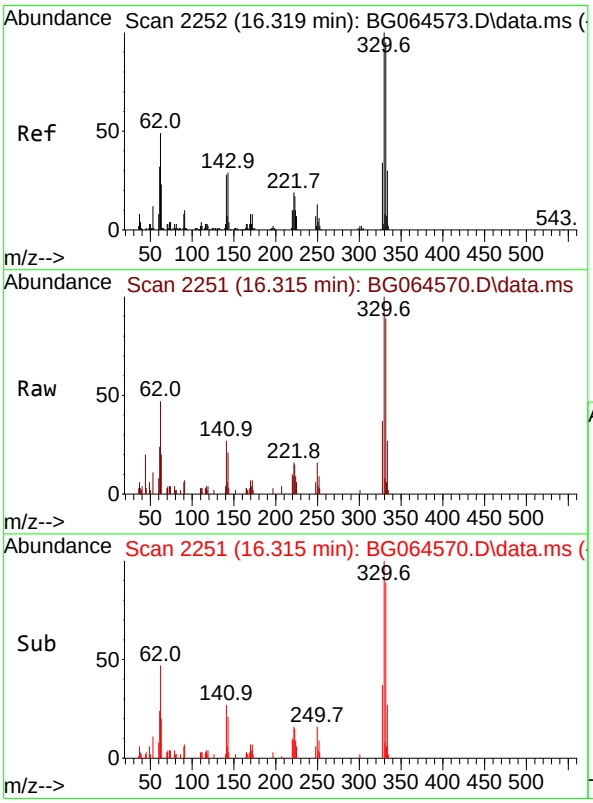
#41
Hexachlorocyclopentadiene
Concen: 3.556 ng
RT: 13.037 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:237 Resp: 7057

Ion	Ratio	Lower	Upper
237	100		
235	73.0	44.1	84.1
272	17.9	0.0	32.4

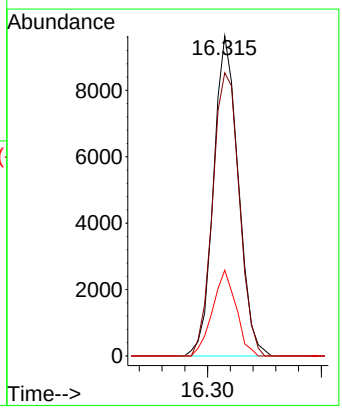


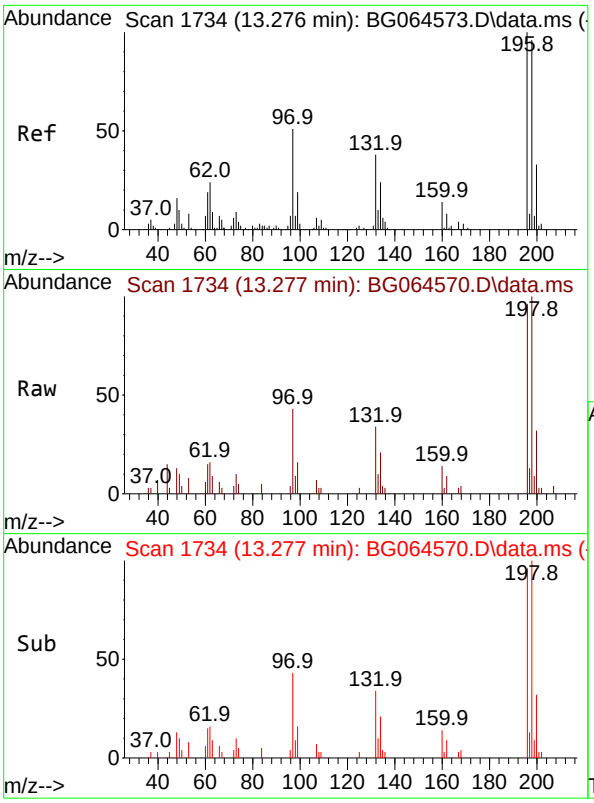


#42
2,4,6-Tribromophenol
Concen: 7.654 ng
RT: 16.315 min Scan# 2251
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:330 Resp: 14514

Ion	Ratio	Lower	Upper
330	100		
332	95.3	78.0	117.0
141	25.5	21.8	32.6



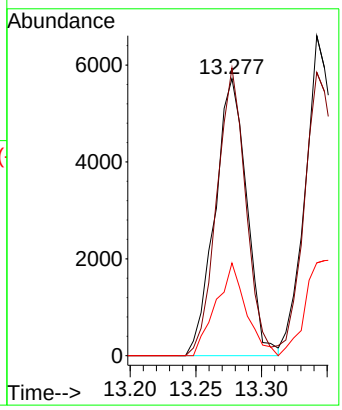


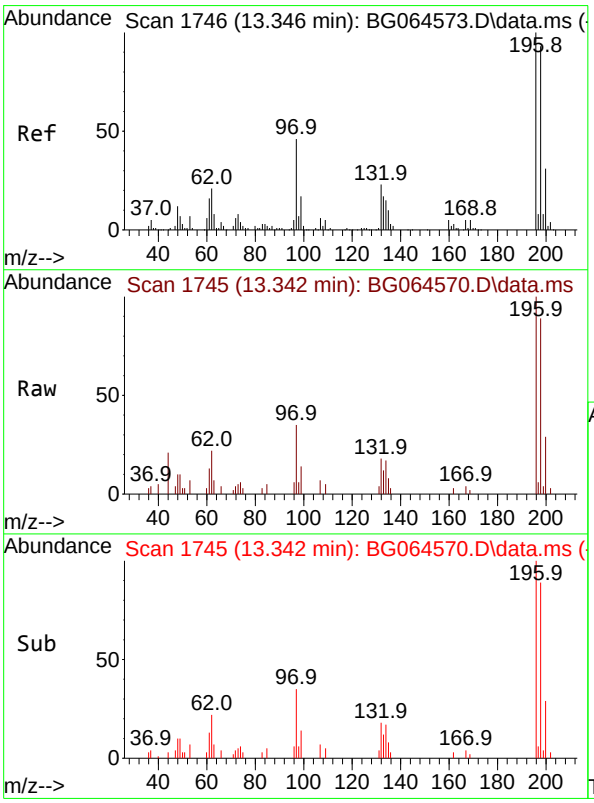
#43
2,4,6-Trichlorophenol
Concen: 3.826 ng
RT: 13.277 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:196 Resp: 9650

Ion	Ratio	Lower	Upper
196	100		
198	103.9	76.6	115.0
200	33.5	26.0	39.0

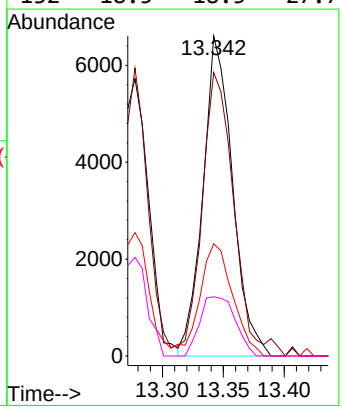


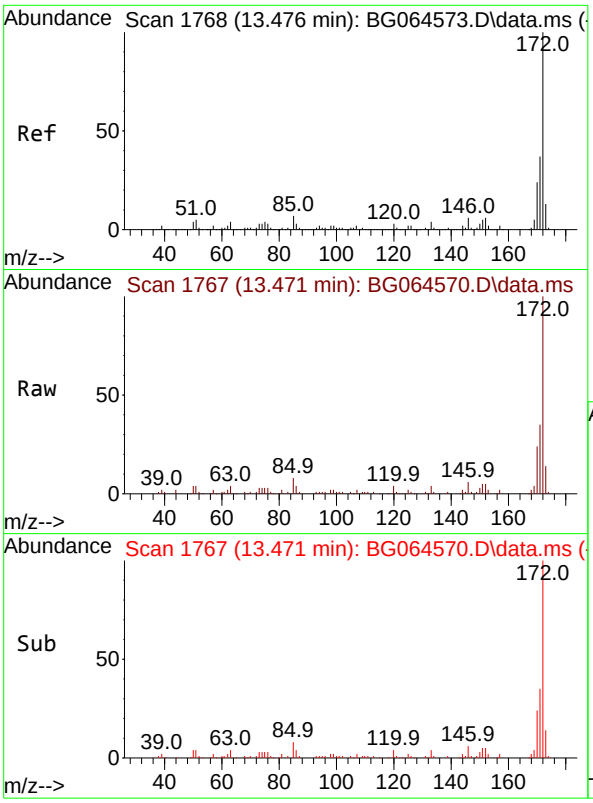


#44
2,4,5-Trichlorophenol
Concen: 3.831 ng
RT: 13.342 min Scan# 1745
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:196 Resp: 11151

Ion	Ratio	Lower	Upper
196	100		
198	88.6	74.2	111.4
97	35.1	37.0	55.6#
132	18.5	18.5	27.7



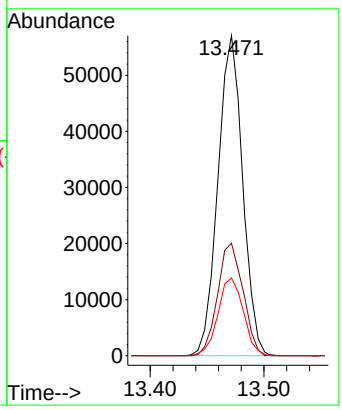


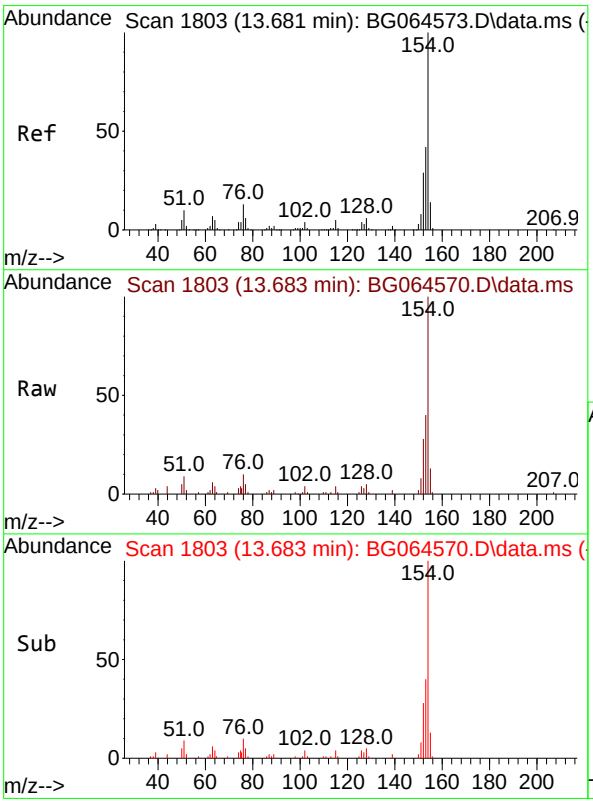
#45
2-Fluorobiphenyl
Concen: 9.932 ng
RT: 13.471 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:172 Resp: 86089

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.4	44.0
170	24.3	19.1	28.7

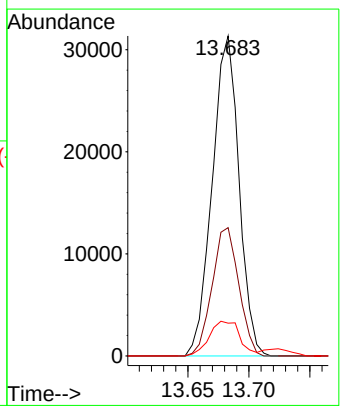


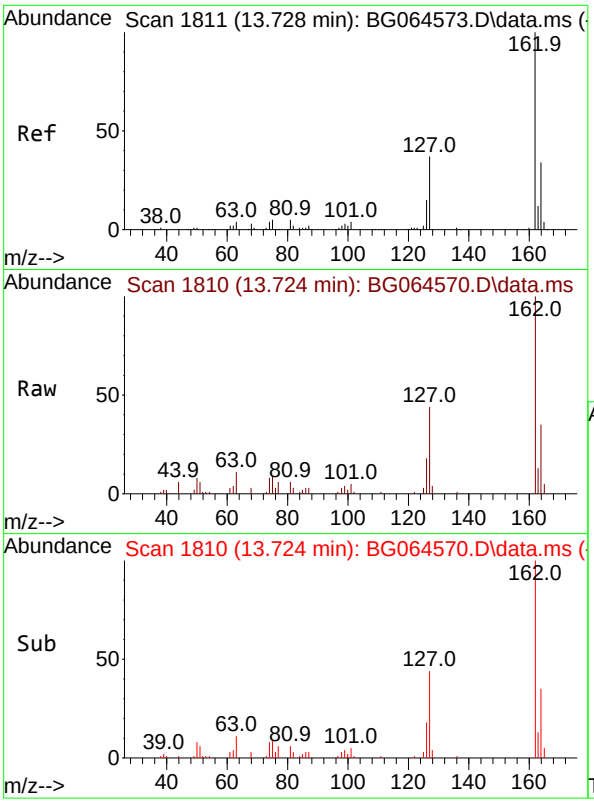


#46
1,1'-Biphenyl
Concen: 5.122 ng
RT: 13.683 min Scan# 1803
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:154 Resp: 47840

Ion	Ratio	Lower	Upper
154	100		
153	40.1	22.4	62.4
76	10.3	0.0	33.5



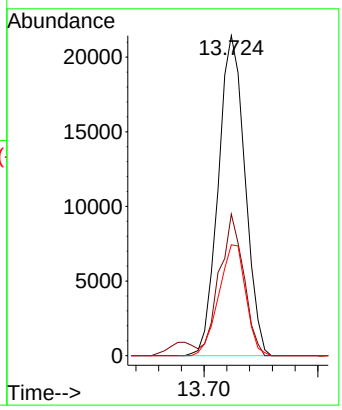


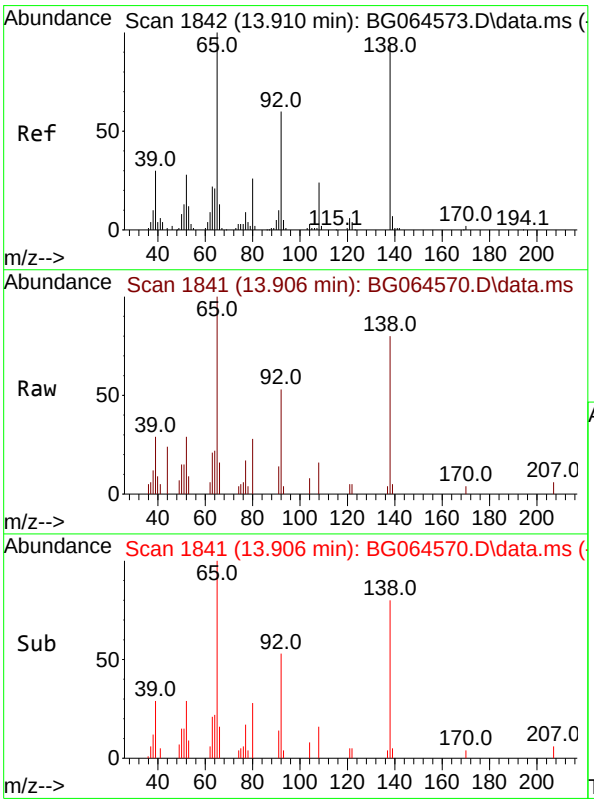
#47
2-Chloronaphthalene
Concen: 4.961 ng
RT: 13.724 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:162 Resp: 34977

Ion	Ratio	Lower	Upper
162	100		
127	44.2	32.2	48.2
164	34.7	27.5	41.3

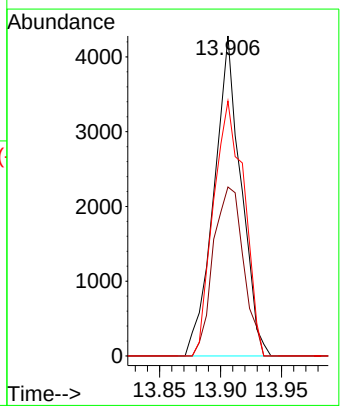


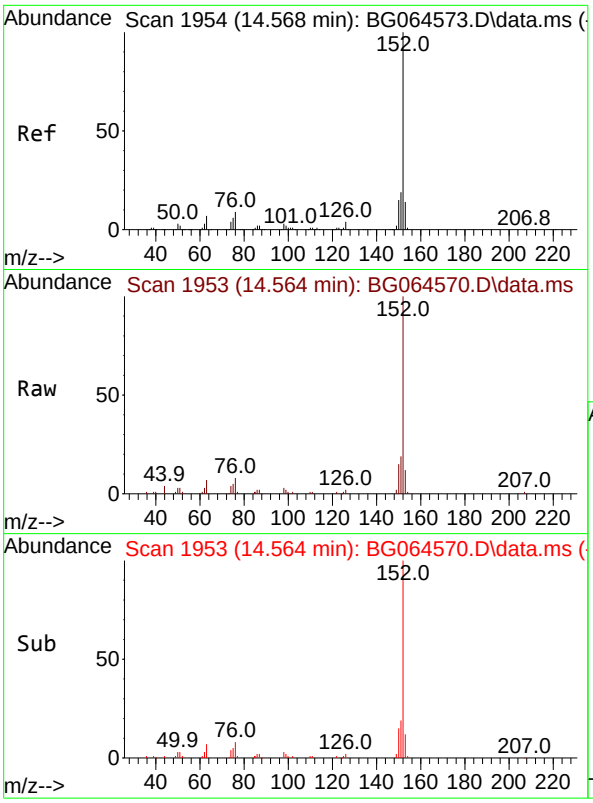


#48
2-Nitroaniline
Concen: 5.826 ng
RT: 13.906 min Scan# 1841
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion: 65 Resp: 6601

Ion	Ratio	Lower	Upper
65	100		
92	52.8	48.3	72.5
138	79.6	74.9	112.3



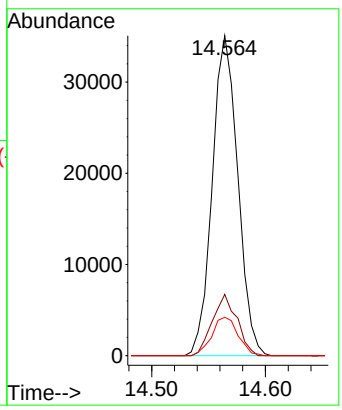


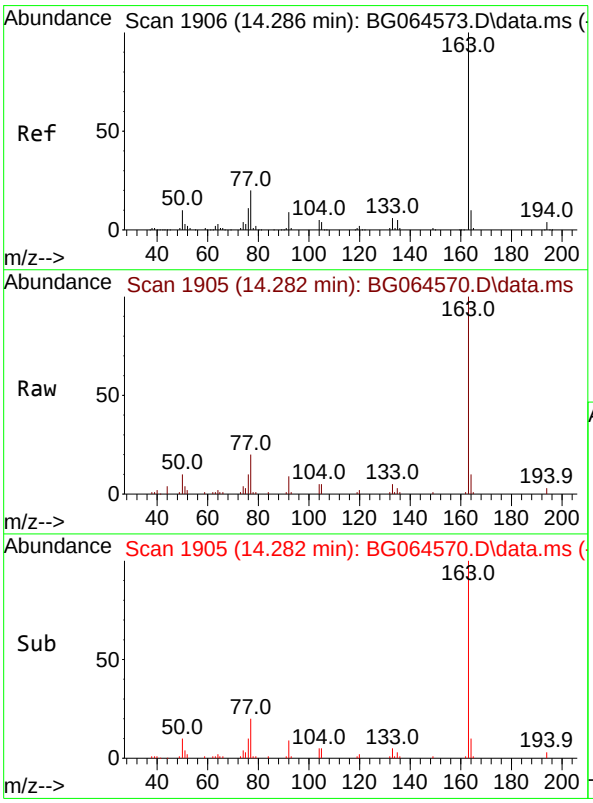
#49
Acenaphthylene
Concen: 4.923 ng
RT: 14.564 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 54748

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.2
153	12.0	11.0	16.4

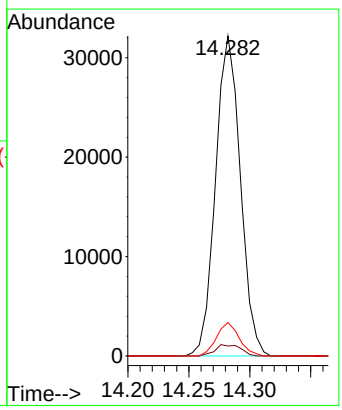


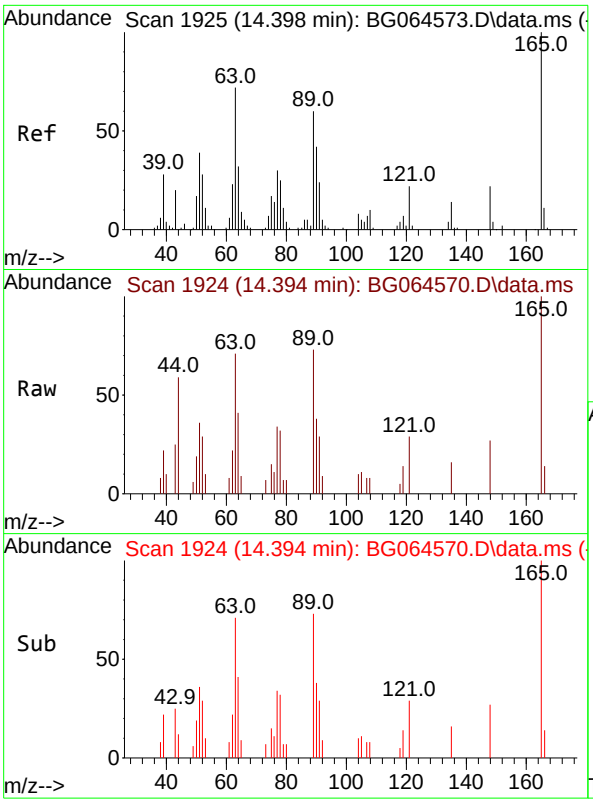


#50
Dimethylphthalate
Concen: 4.540 ng
RT: 14.282 min Scan# 1905
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:163 Resp: 45639

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.8	4.2
164	10.5	7.7	11.5



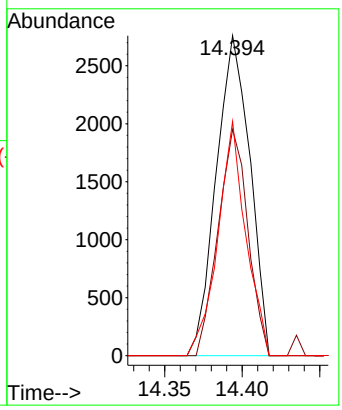


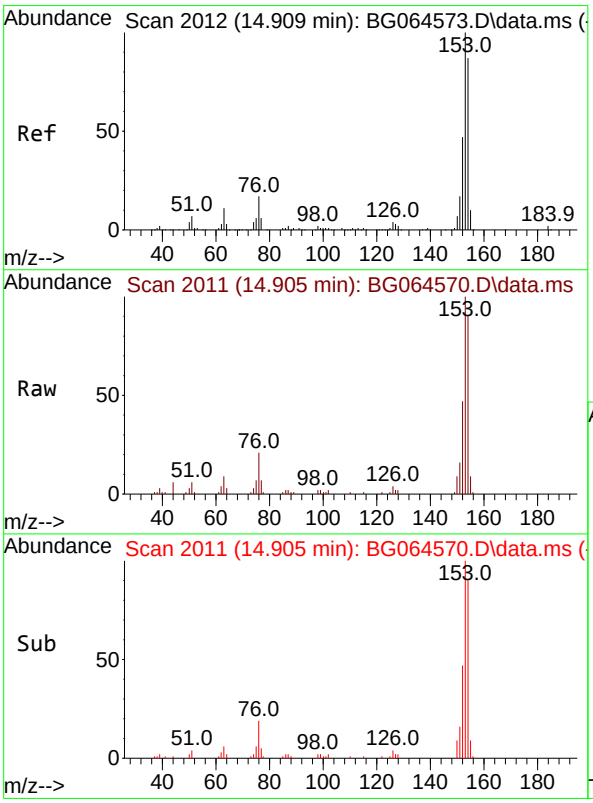
#51
2,6-Dinitrotoluene
Concen: 5.535 ng
RT: 14.394 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:165 Resp: 4161

Ion	Ratio	Lower	Upper
165	100		
63	70.7	57.4	86.0
89	73.2	47.8	71.8#

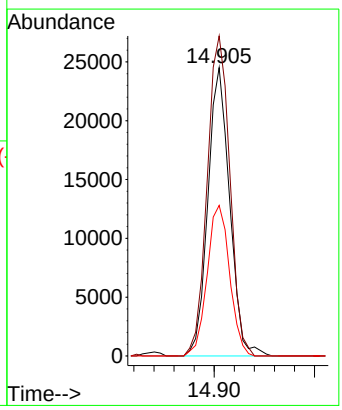


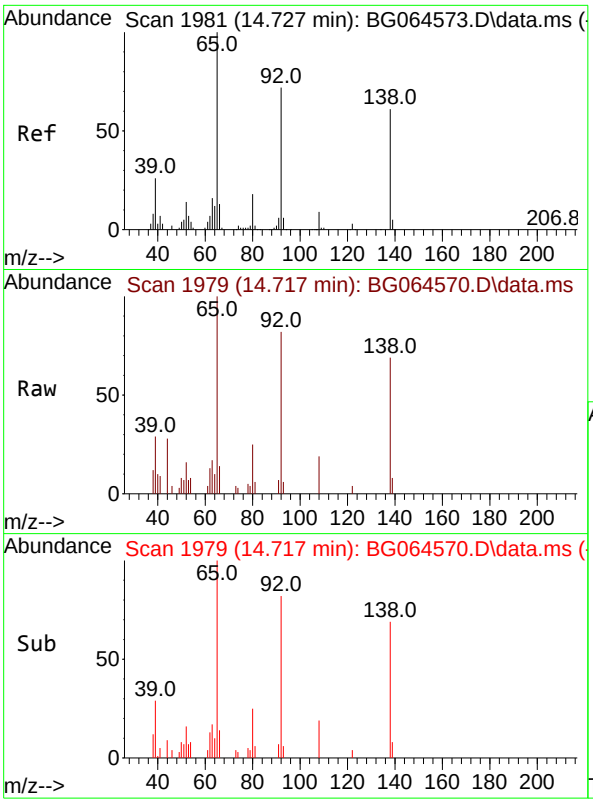


#52
Acenaphthene
Concen: 4.867 ng
RT: 14.905 min Scan# 2011
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:154 Resp: 36982

Ion	Ratio	Lower	Upper
154	100		
153	111.0	92.2	138.4
152	52.2	43.2	64.8



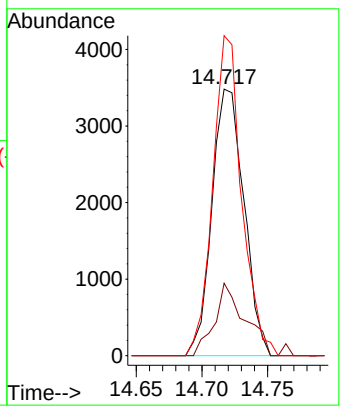


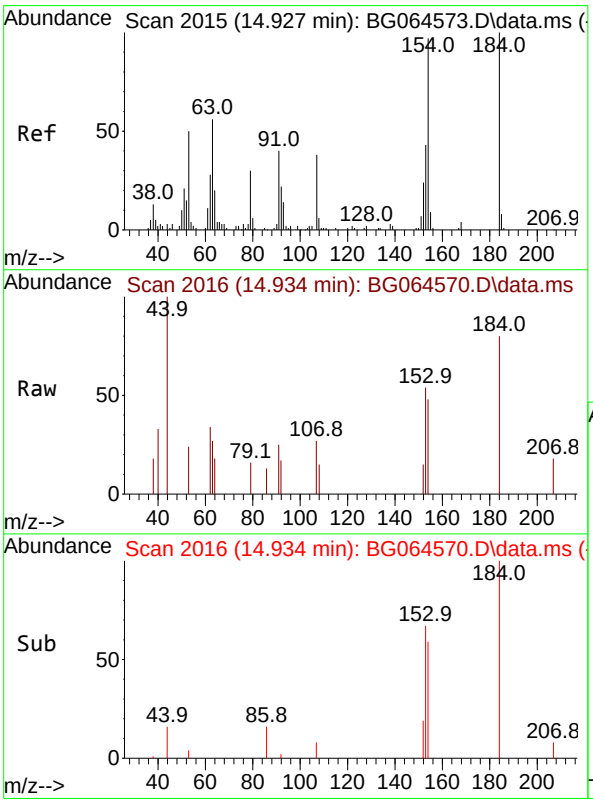
#53
3-Nitroaniline
Concen: 3.417 ng
RT: 14.717 min Scan# 1
Delta R.T. -0.010 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:138 Resp: 5903

Ion	Ratio	Lower	Upper
138	100		
108	27.2	11.4	17.0#
92	120.0	95.3	142.9

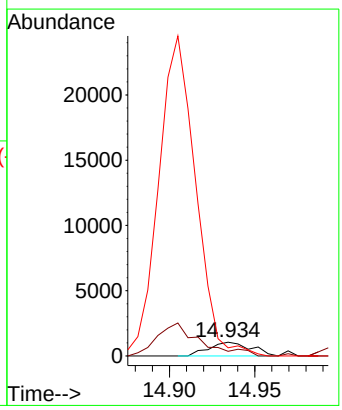


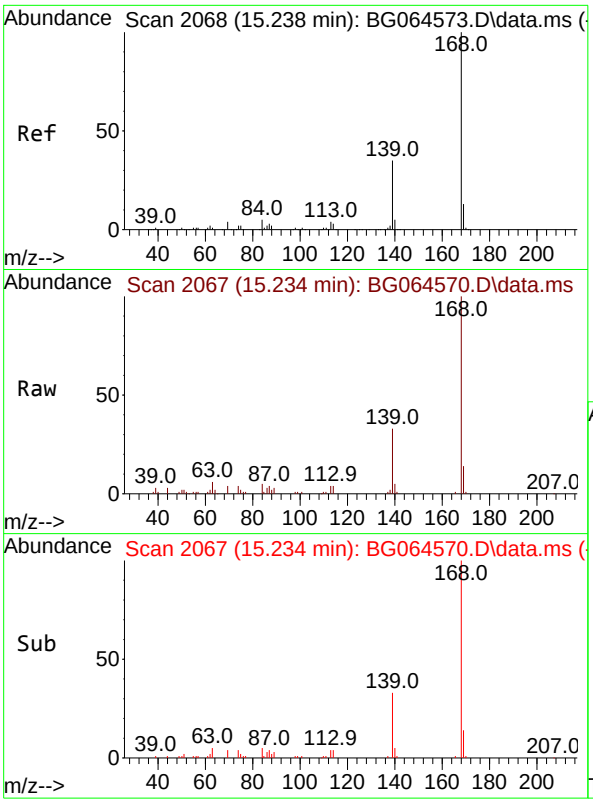


#54
2,4-Dinitrophenol
Concen: 7.229 ng
RT: 14.934 min Scan# 2016
Delta R.T. 0.007 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:184 Resp: 1813

Ion	Ratio	Lower	Upper
184	100		
63	34.1	56.6	85.0#
154	59.2	158.6	238.0#



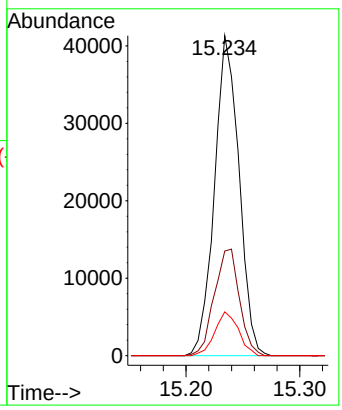


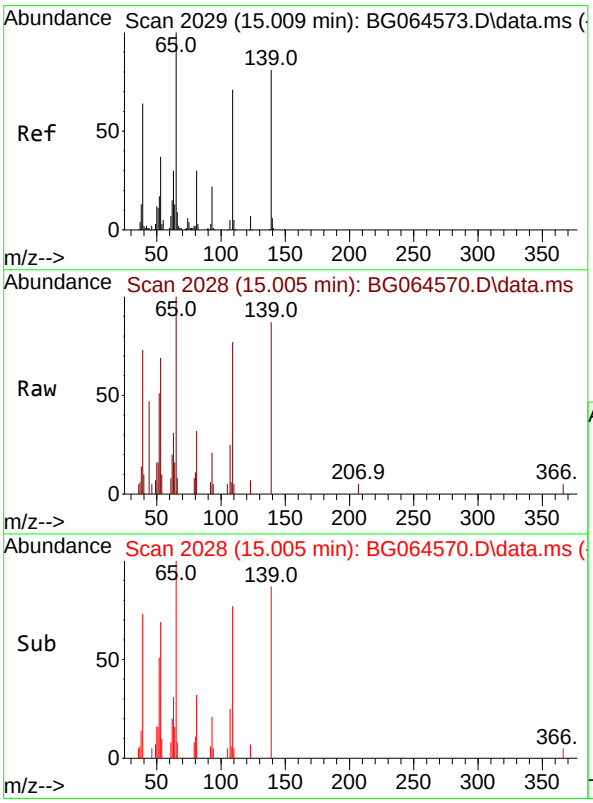
#55
Dibenzofuran
Concen: 5.029 ng
RT: 15.234 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:168 Resp: 61779

Ion	Ratio	Lower	Upper
168	100		
139	32.7	27.8	41.8
169	13.7	10.3	15.5

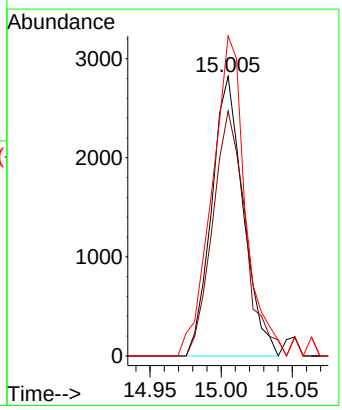


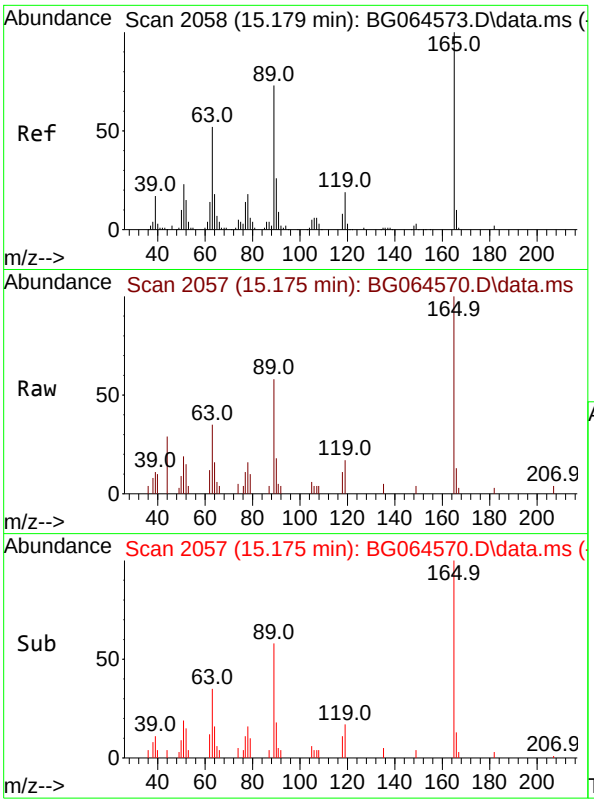


#56
4-Nitrophenol
Concen: 2.719 ng
RT: 15.005 min Scan# 2028
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:139 Resp: 4356

Ion	Ratio	Lower	Upper
139	100		
109	87.6	67.8	107.8
65	114.5	103.7	143.7



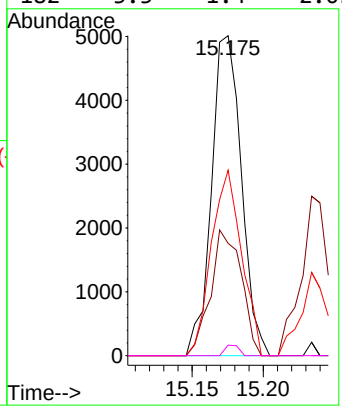


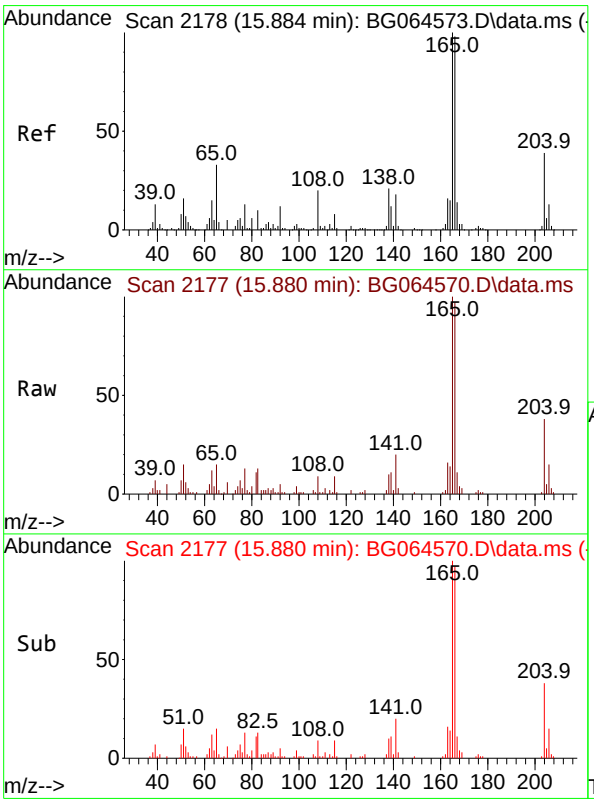
#57
2,4-Dinitrotoluene
Concen: 5.721 ng
RT: 15.175 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:165 Resp: 7312

Ion	Ratio	Lower	Upper
165	100		
63	35.1	41.8	62.8#
89	57.9	58.1	87.1#
182	3.3	1.4	2.0#

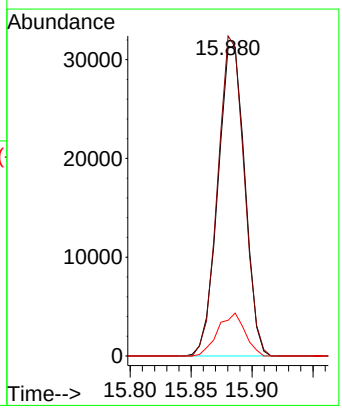


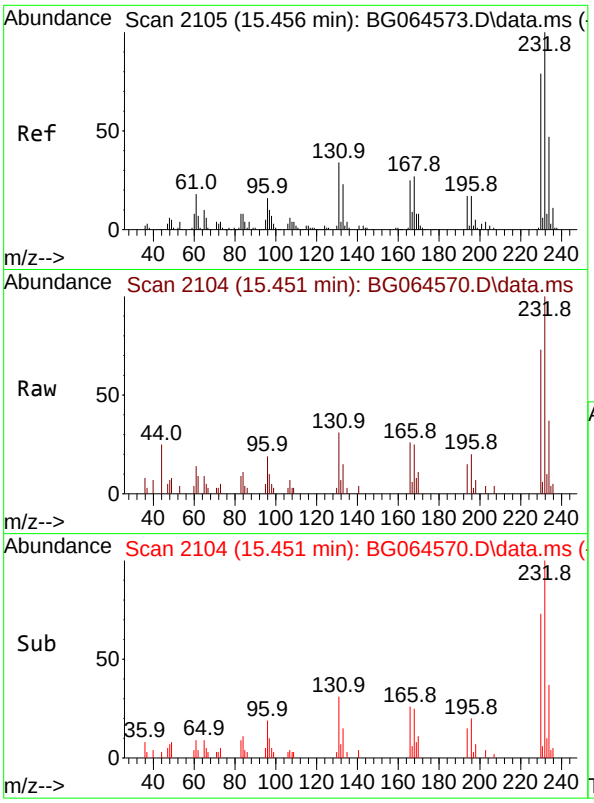


#58
Fluorene
Concen: 5.035 ng
RT: 15.880 min Scan# 2177
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:166 Resp: 48305

Ion	Ratio	Lower	Upper
166	100		
165	103.5	81.5	122.3
167	11.6	11.4	17.0



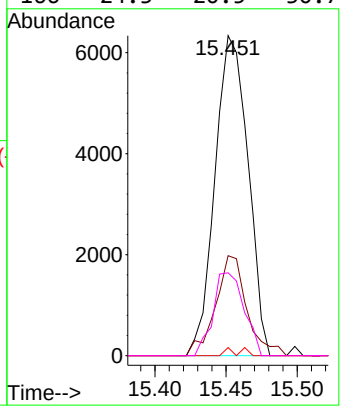


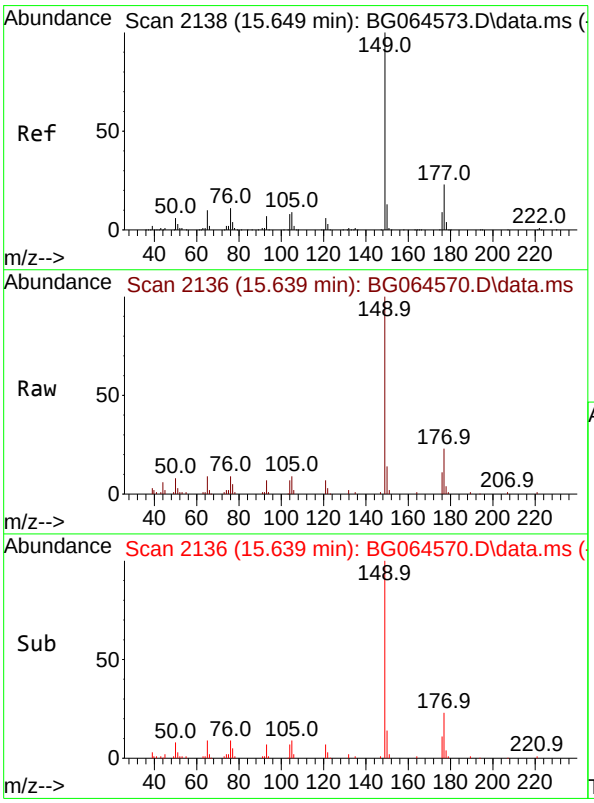
#59
2,3,4,6-Tetrachlorophenol
Concen: 3.679 ng
RT: 15.451 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:232 Resp: 10241

Ion	Ratio	Lower	Upper
232	100		
131	29.7	26.7	40.1
130	1.1	1.6	2.4#
166	24.3	20.5	30.7

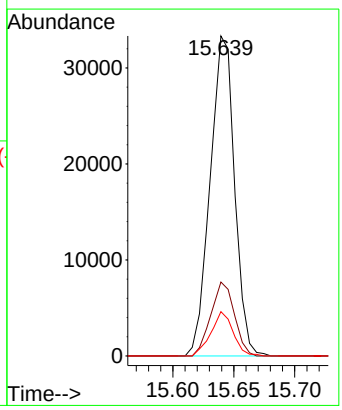


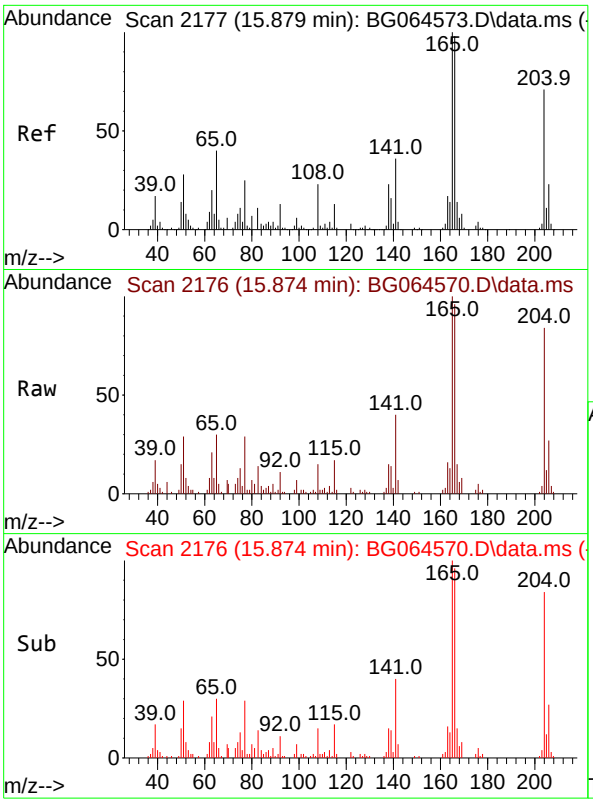


#60
Diethylphthalate
Concen: 4.533 ng
RT: 15.639 min Scan# 2136
Delta R.T. -0.010 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:149 Resp: 46534

Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.0	27.0
150	13.9	10.2	15.4



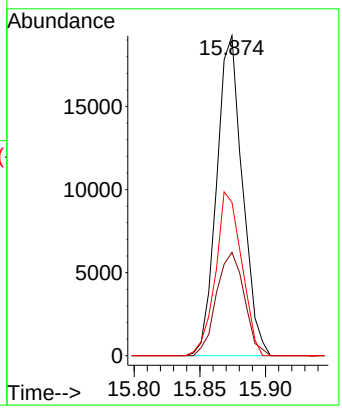


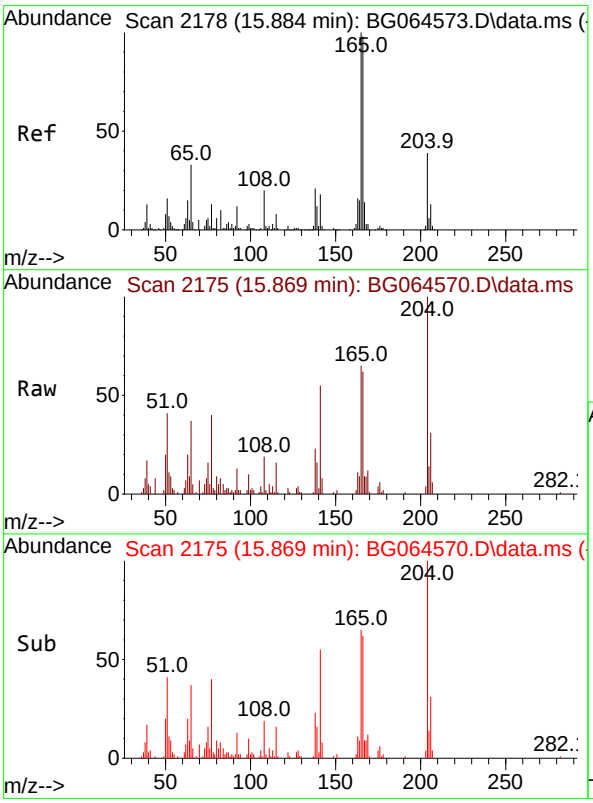
#61
4-Chlorophenyl-phenylether
Concen: 4.880 ng
RT: 15.874 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:204 Resp: 26270

Ion	Ratio	Lower	Upper
204	100		
206	32.3	25.6	38.4
141	48.0	40.6	60.8

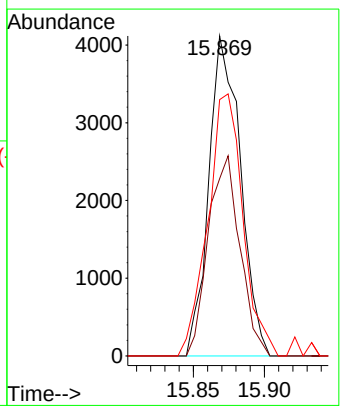


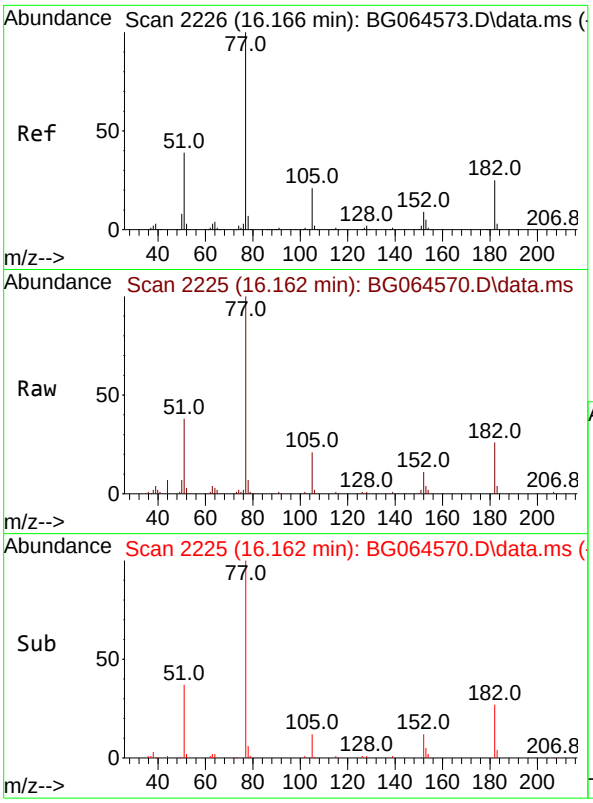


#62
4-Nitroaniline
Concen: 3.321 ng
RT: 15.869 min Scan# 2175
Delta R.T. -0.016 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:138 Resp: 6383

Ion	Ratio	Lower	Upper
138	100		
92	55.4	36.1	76.1
108	80.1	75.6	115.6



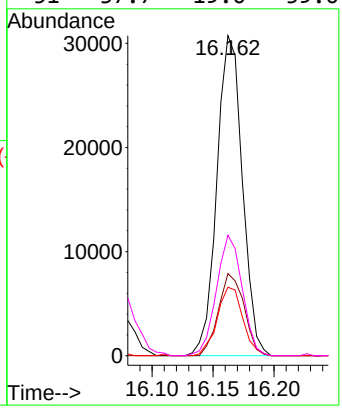


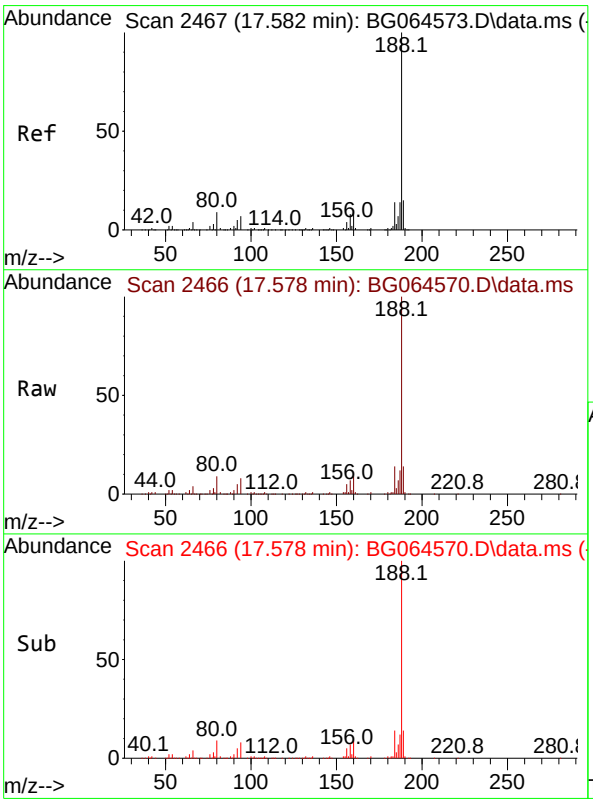
#63
Azobenzene
Concen: 4.749 ng
RT: 16.162 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion: 77 Resp: 44729

Ion	Ratio	Lower	Upper
77	100		
182	25.7	4.9	44.9
105	21.4	1.3	41.3
51	37.7	19.0	59.0

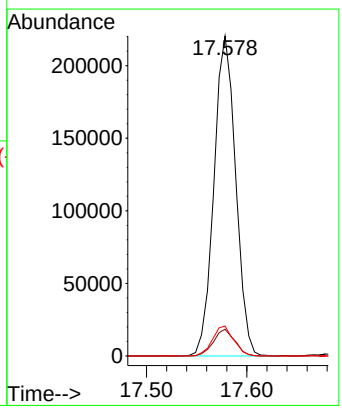


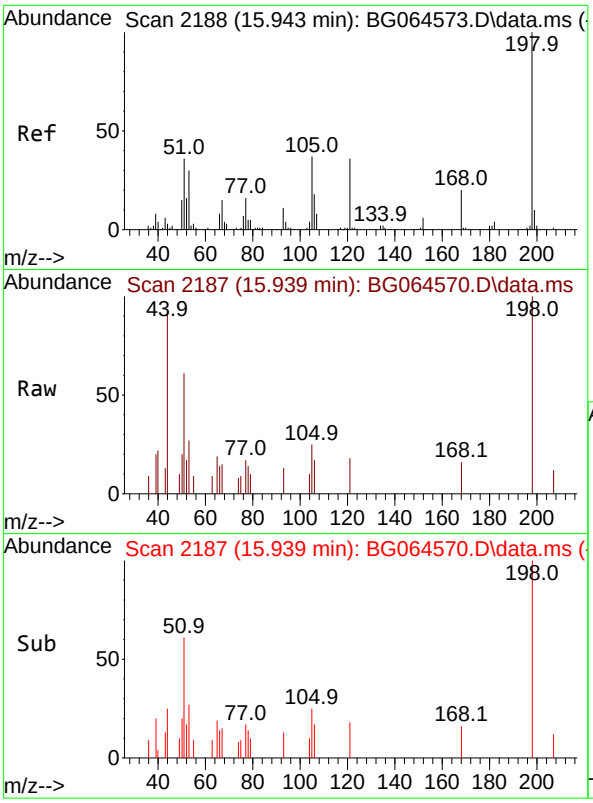


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.578 min Scan# 2466
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:188 Resp: 331372

Ion	Ratio	Lower	Upper
188	100		
94	8.3	5.7	8.5
80	9.4	6.8	10.2



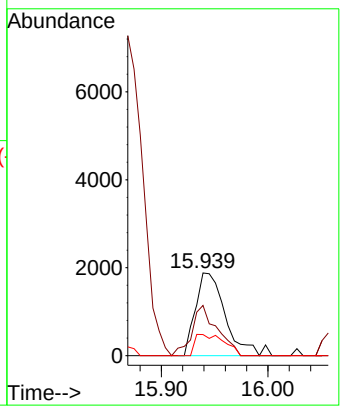


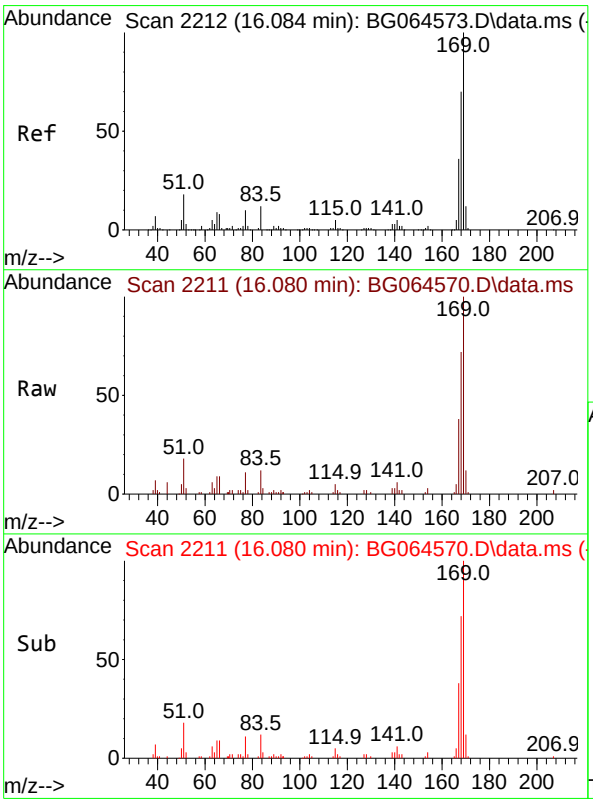
#65
4,6-Dinitro-2-methylphenol
Concen: 7.667 ng
RT: 15.939 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:198 Resp: 3684

Ion	Ratio	Lower	Upper
198	100		
51	60.8	24.7	64.7
105	25.5	18.0	58.0

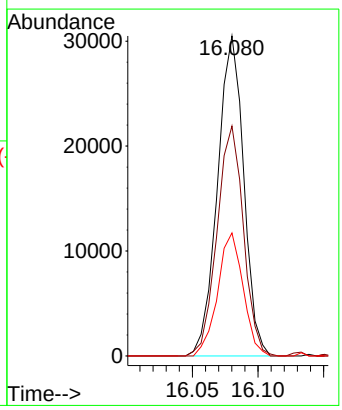


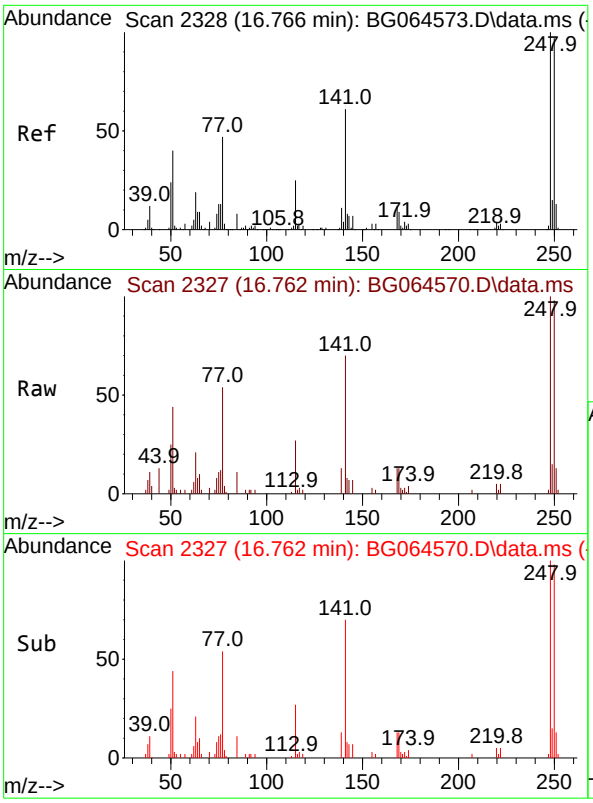


#66
n-Nitrosodiphenylamine
Concen: 4.725 ng
RT: 16.080 min Scan# 2211
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:169 Resp: 42291

Ion	Ratio	Lower	Upper
169	100		
168	71.9	56.3	84.5
167	38.5	29.0	43.6



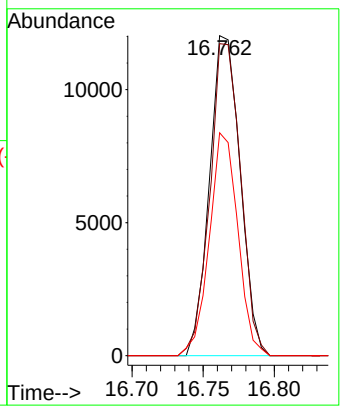


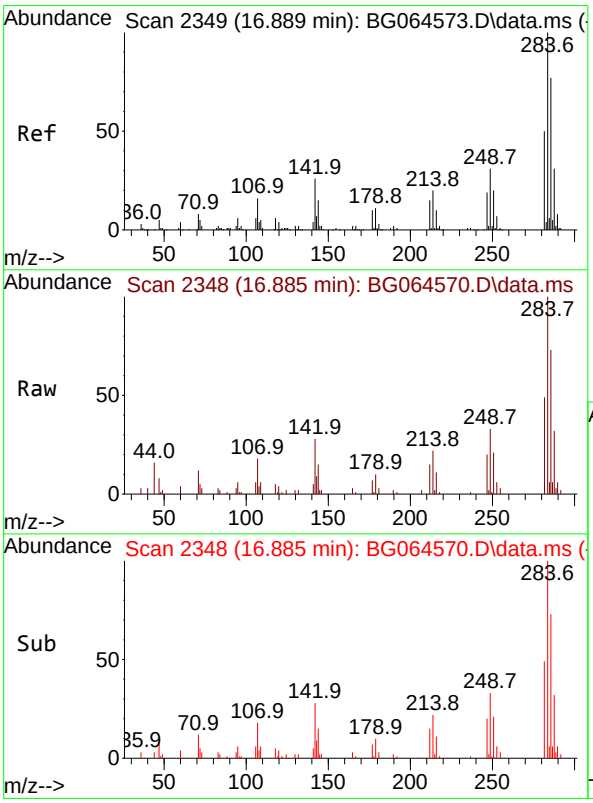
#67
4-Bromophenyl-phenylether
Concen: 4.600 ng
RT: 16.762 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:248 Resp: 18064

Ion	Ratio	Lower	Upper
248	100		
250	97.5	77.7	116.5
141	69.6	48.6	72.8

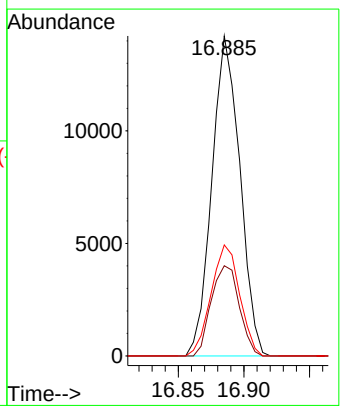


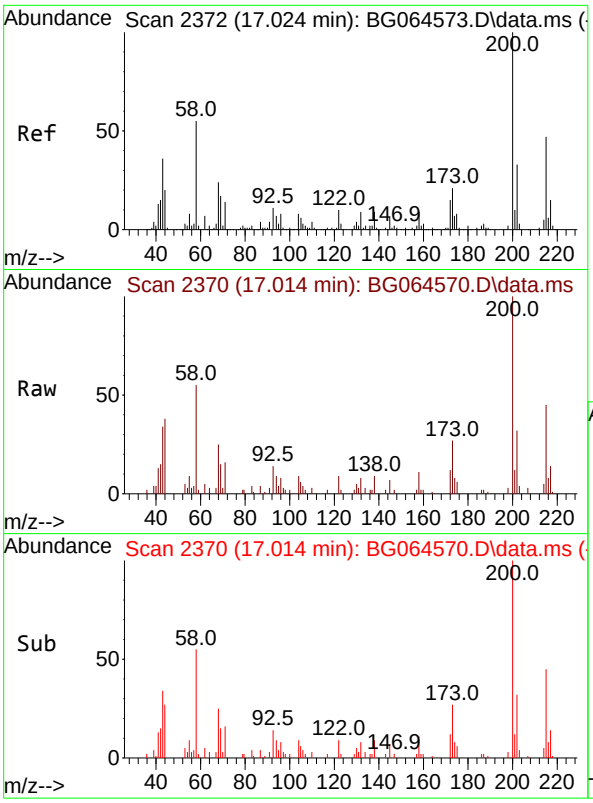


#68
Hexachlorobenzene
Concen: 4.705 ng
RT: 16.885 min Scan# 2348
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:284 Resp: 21076

Ion	Ratio	Lower	Upper
284	100		
142	28.2	21.0	31.6
249	34.7	24.9	37.3



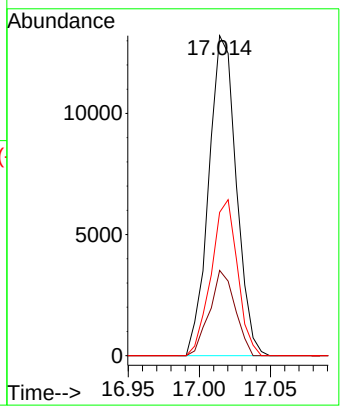


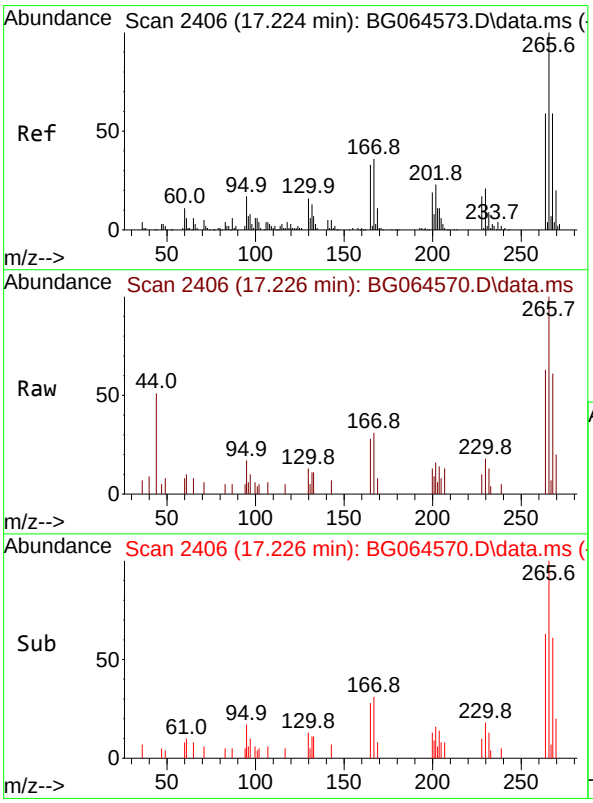
#69
Atrazine
Concen: 4.616 ng
RT: 17.014 min Scan# 2
Delta R.T. -0.010 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:200 Resp: 17783

Ion	Ratio	Lower	Upper
200	100		
173	26.6	0.9	40.9
215	44.8	27.0	67.0

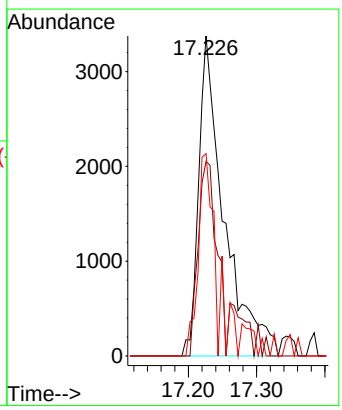


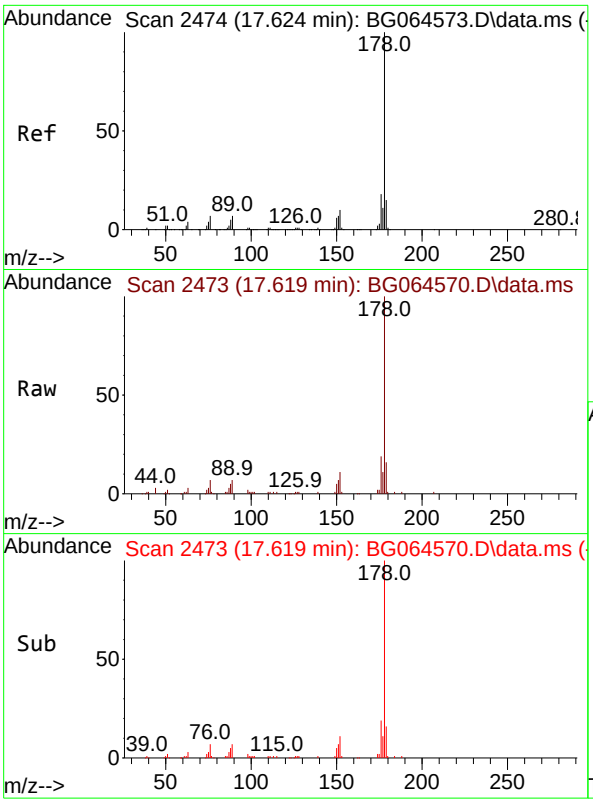


#70
Pentachlorophenol
Concen: 3.126 ng
RT: 17.226 min Scan# 2406
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:266 Resp: 8732

Ion	Ratio	Lower	Upper
266	100		
268	60.8	50.3	75.5
264	63.2	47.3	70.9



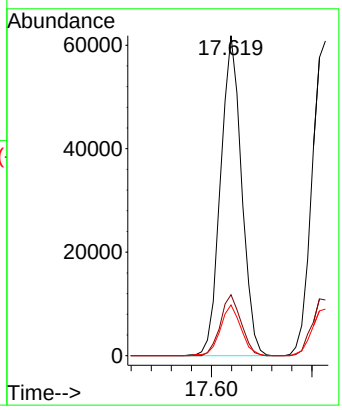


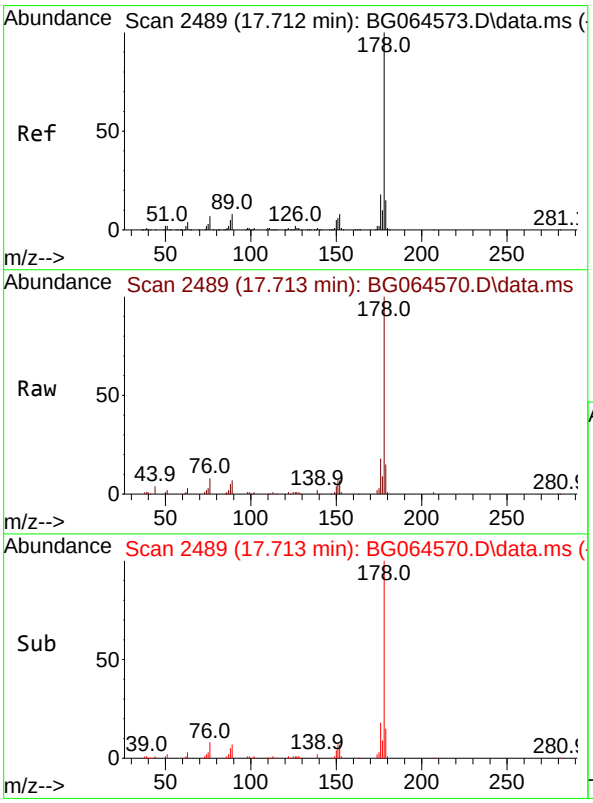
#71
Phenanthrene
Concen: 4.954 ng
RT: 17.619 min Scan# 24
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:178 Resp: 89771

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.7	22.1
179	15.8	12.2	18.4

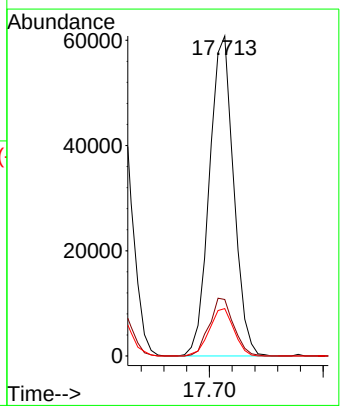


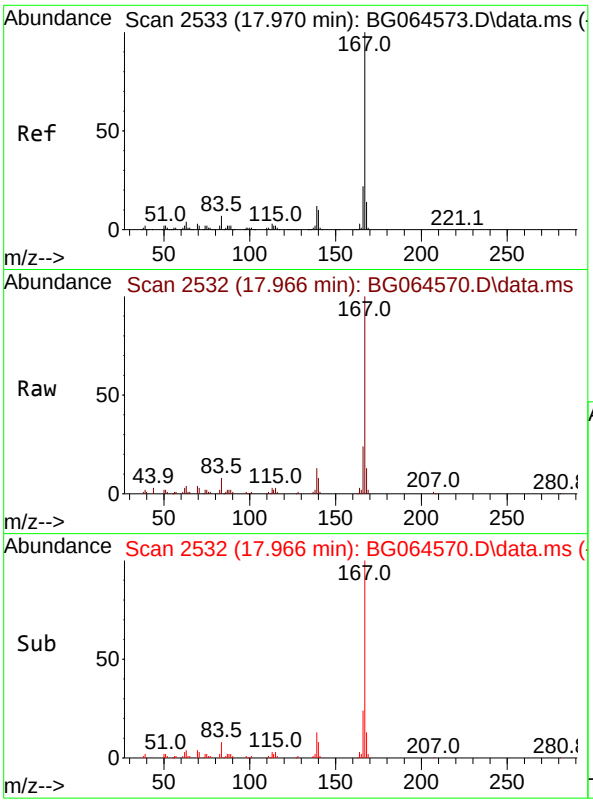


#72
Anthracene
Concen: 4.886 ng
RT: 17.713 min Scan# 2489
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:178 Resp: 90063

Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.4	21.6
179	14.8	12.4	18.6



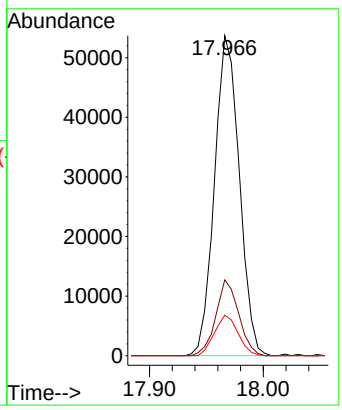


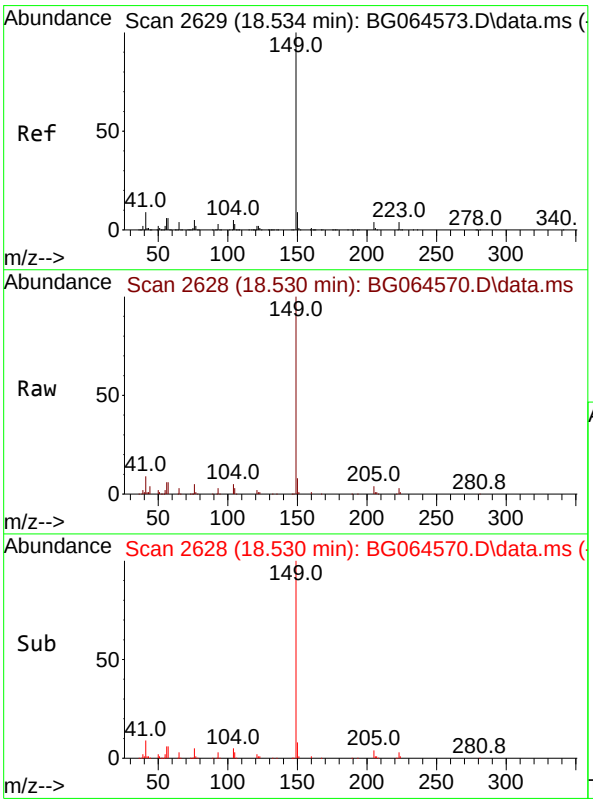
#73
Carbazole
Concen: 5.005 ng
RT: 17.966 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:167 Resp: 81350

Ion	Ratio	Lower	Upper
167	100		
166	23.7	17.9	26.9
139	12.7	9.7	14.5

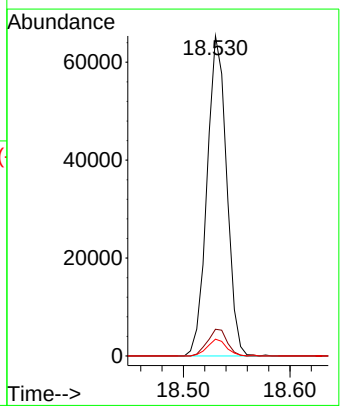


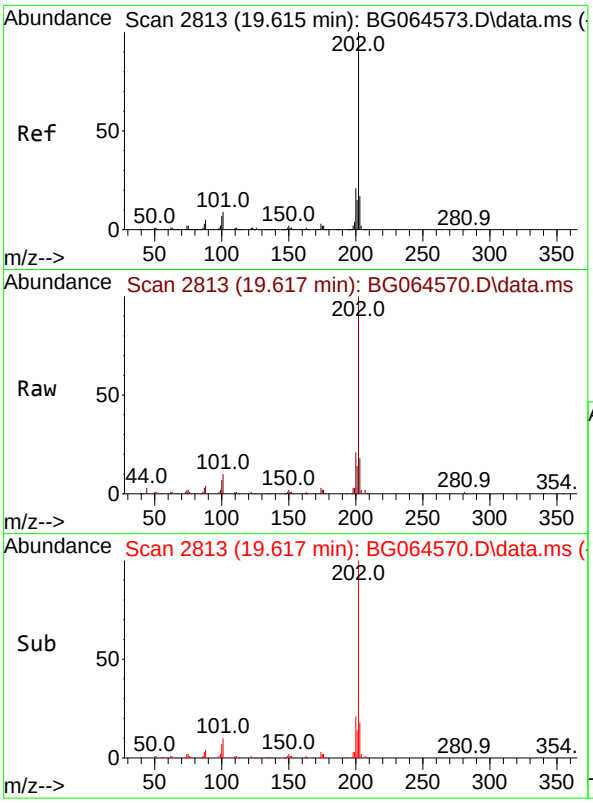


#74
Di-n-butylphthalate
Concen: 4.454 ng
RT: 18.530 min Scan# 2628
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:149 Resp: 83713

Ion	Ratio	Lower	Upper
149	100		
150	8.4	7.0	10.6
104	5.2	4.1	6.1



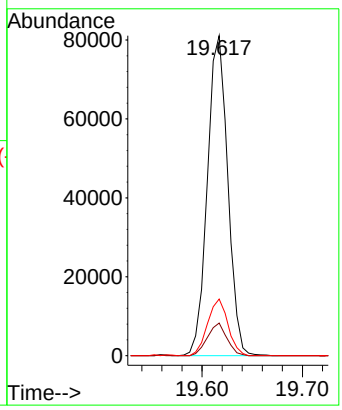


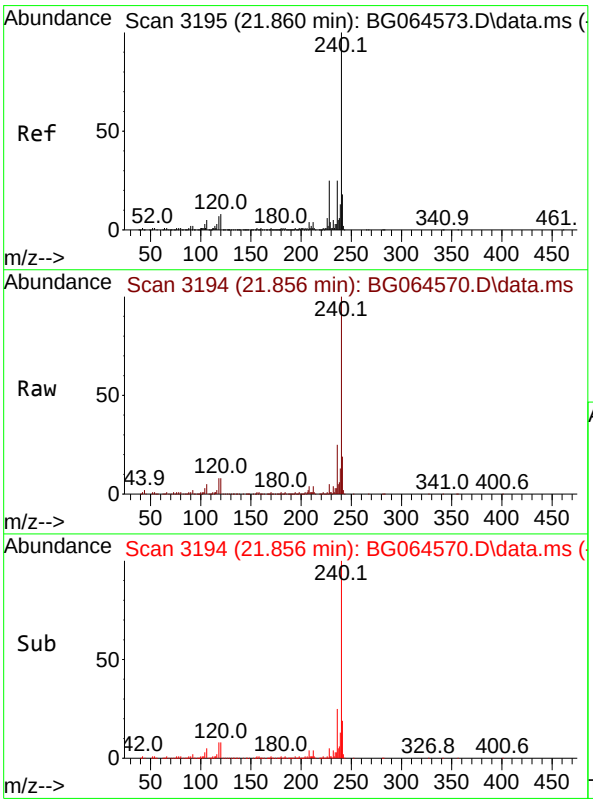
#75
Fluoranthene
Concen: 5.054 ng
RT: 19.617 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:202 Resp: 114724

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	28.7
203	17.7	0.0	37.0

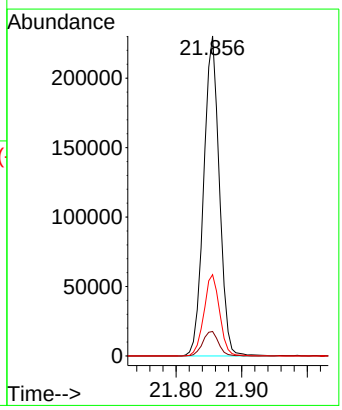


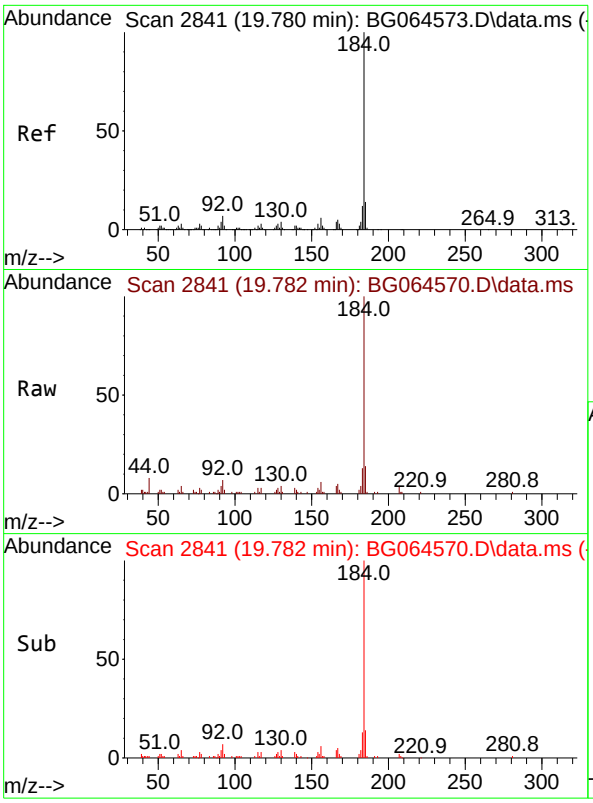


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.856 min Scan# 3194
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:240 Resp: 381389

Ion	Ratio	Lower	Upper
240	100		
120	7.7	6.5	9.7
236	25.4	20.2	30.2



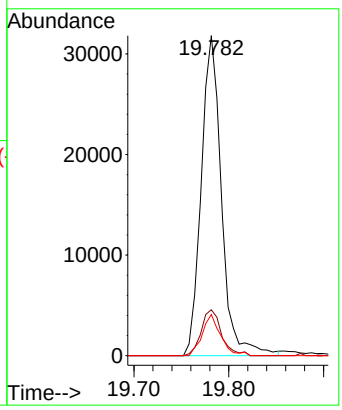


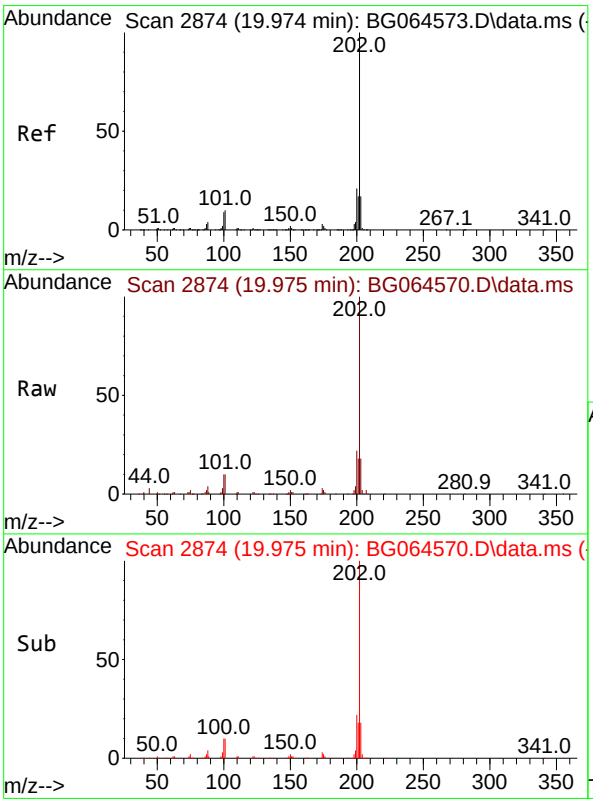
#77
Benzidine
Concen: 5.528 ng
RT: 19.782 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:184 Resp: 47236

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.4	17.2
183	12.9	9.4	14.2

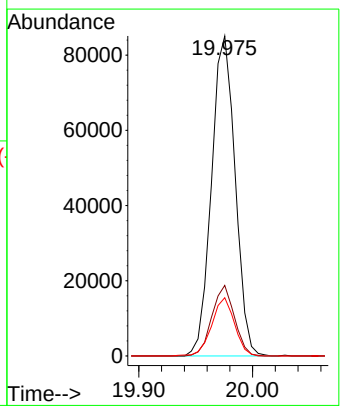


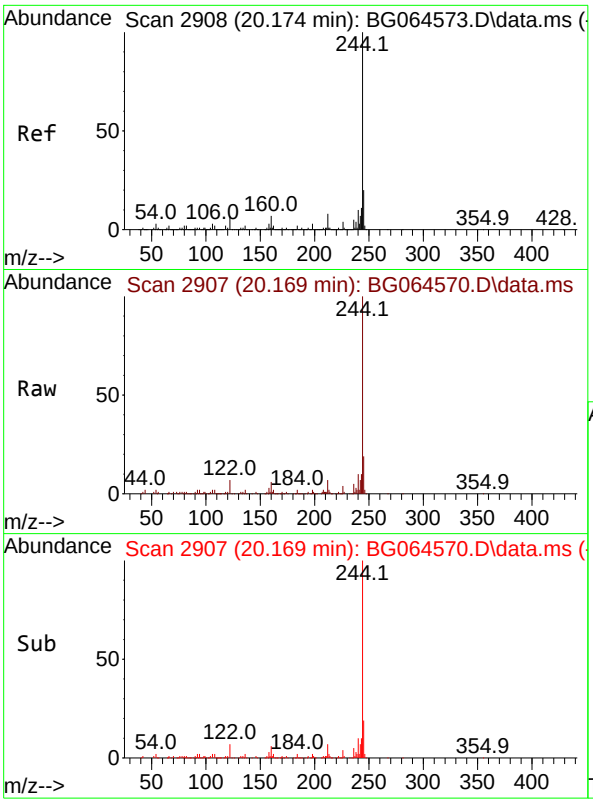


#78
Pyrene
Concen: 4.923 ng
RT: 19.975 min Scan# 2874
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:202 Resp: 122676

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.0	25.4
203	18.2	13.8	20.6



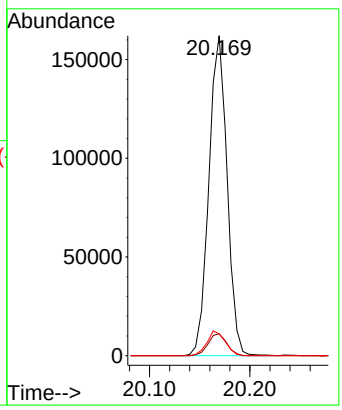


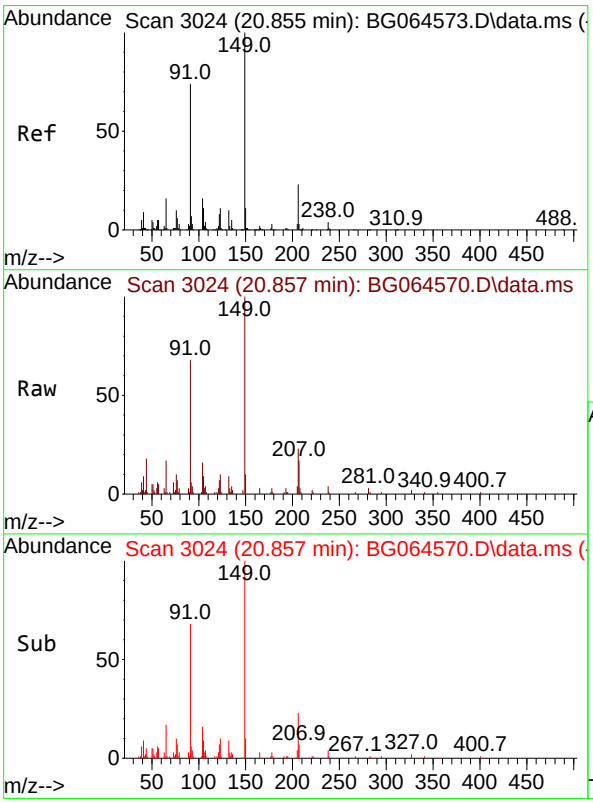
#79
Terphenyl-d14
Concen: 10.130 ng
RT: 20.169 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:244 Resp: 204719

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.1	9.1
122	6.8	5.6	8.4

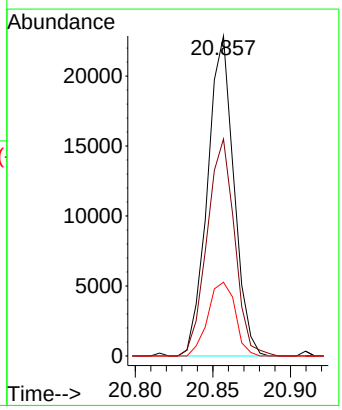


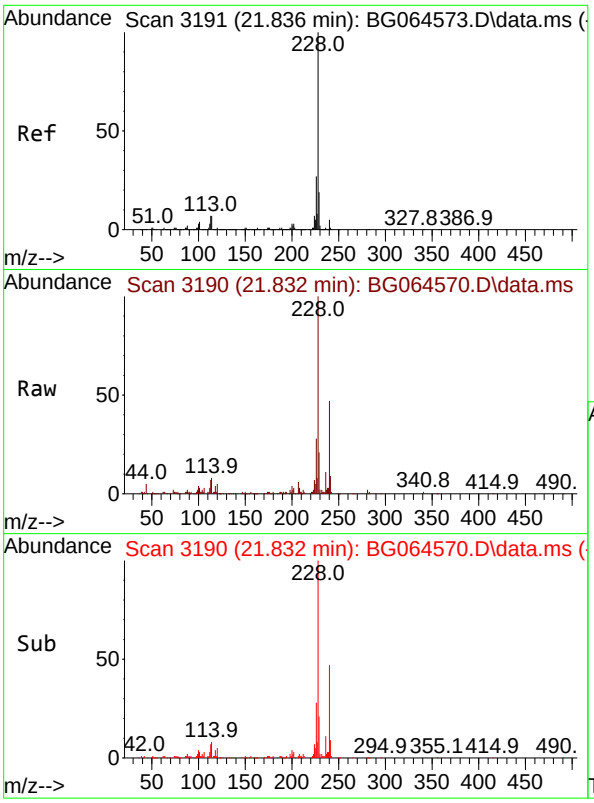


#80
Butylbenzylphthalate
Concen: 3.595 ng
RT: 20.857 min Scan# 3024
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:149 Resp: 27072

Ion	Ratio	Lower	Upper
149	100		
91	67.8	59.2	88.8
206	23.1	18.1	27.1



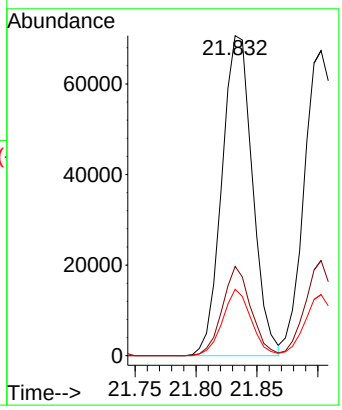


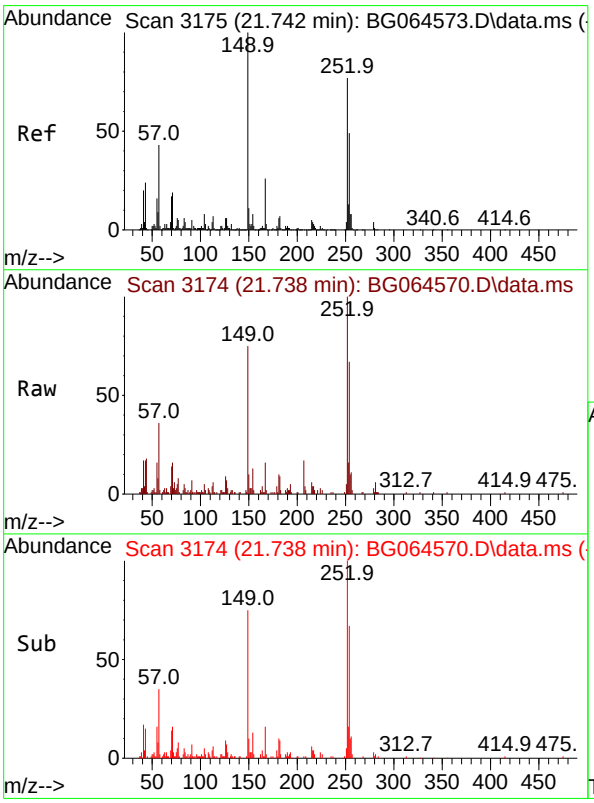
#81
Benzo(a)anthracene
Concen: 4.878 ng
RT: 21.832 min Scan# 3
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:228 Resp: 123345

Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.9	32.9
229	20.7	15.6	23.4

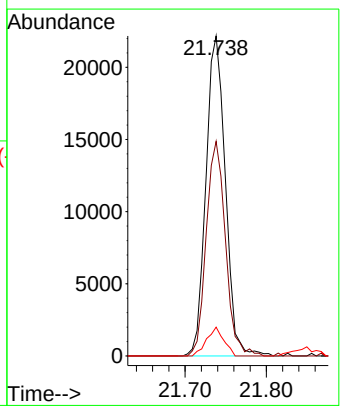


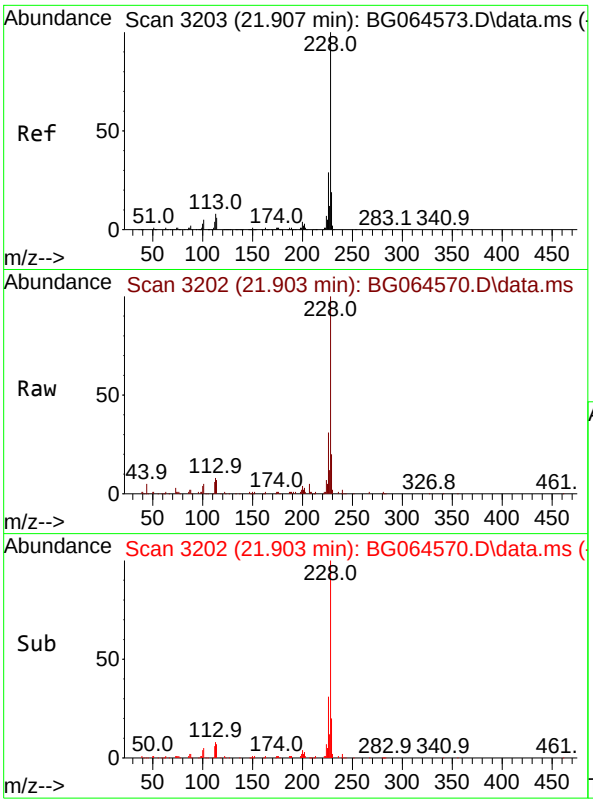


#82
3,3'-Dichlorobenzidine
Concen: 4.358 ng
RT: 21.738 min Scan# 3174
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:252 Resp: 36801

Ion	Ratio	Lower	Upper
252	100		
254	67.0	50.8	76.2
126	9.0	5.8	8.6#



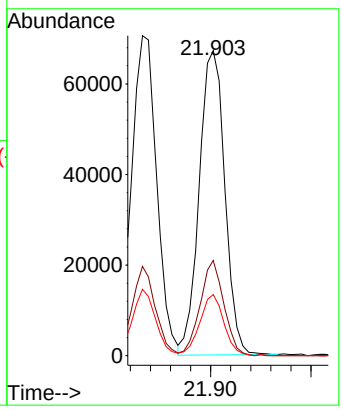


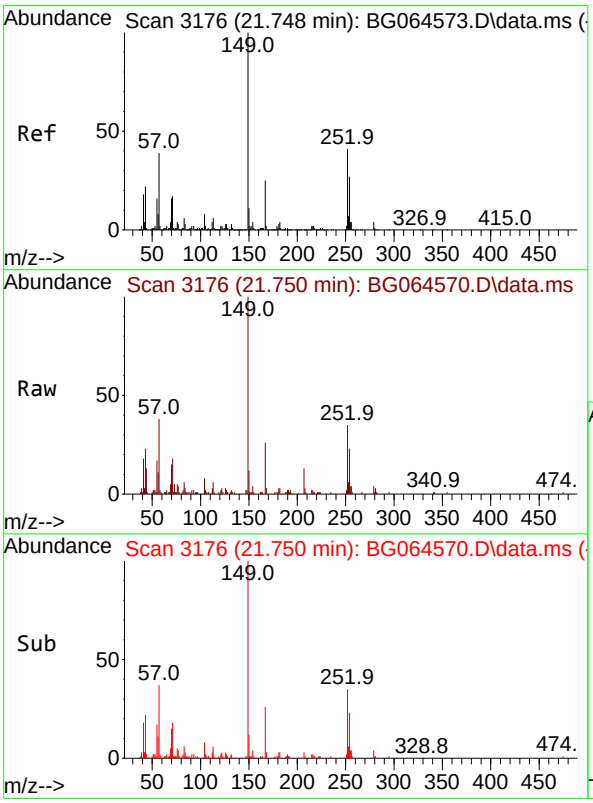
#83
Chrysene
Concen: 4.949 ng
RT: 21.903 min Scan# 3
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:228 Resp: 119080

Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.3	34.9
229	20.1	15.2	22.8

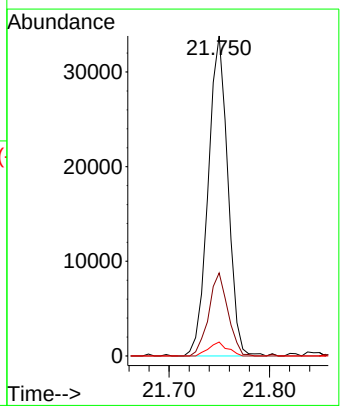


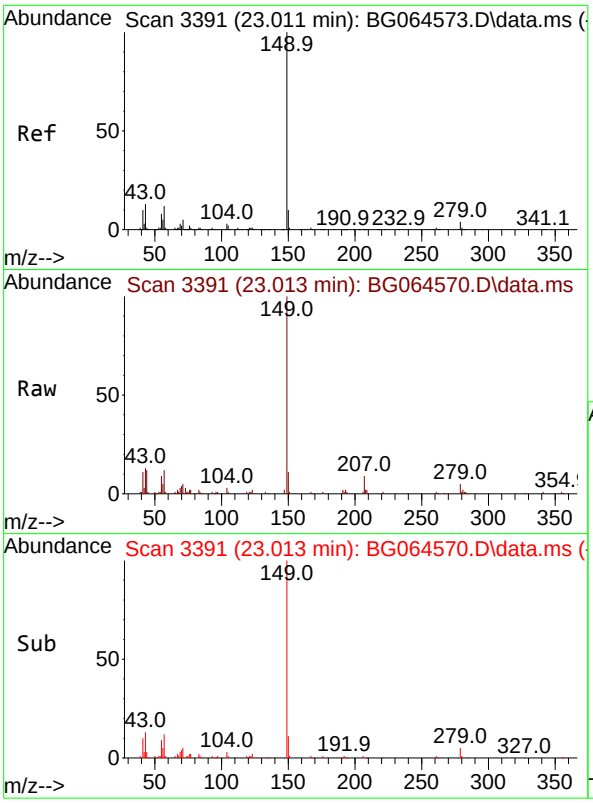


#84
Bis(2-ethylhexyl)phthalate
Concen: 4.098 ng
RT: 21.750 min Scan# 3176
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:149 Resp: 46117

Ion	Ratio	Lower	Upper
149	100		
167	26.0	20.0	30.0
279	4.3	3.1	4.7



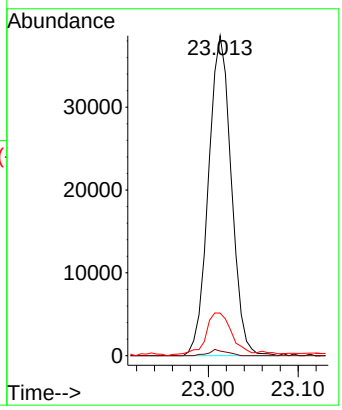


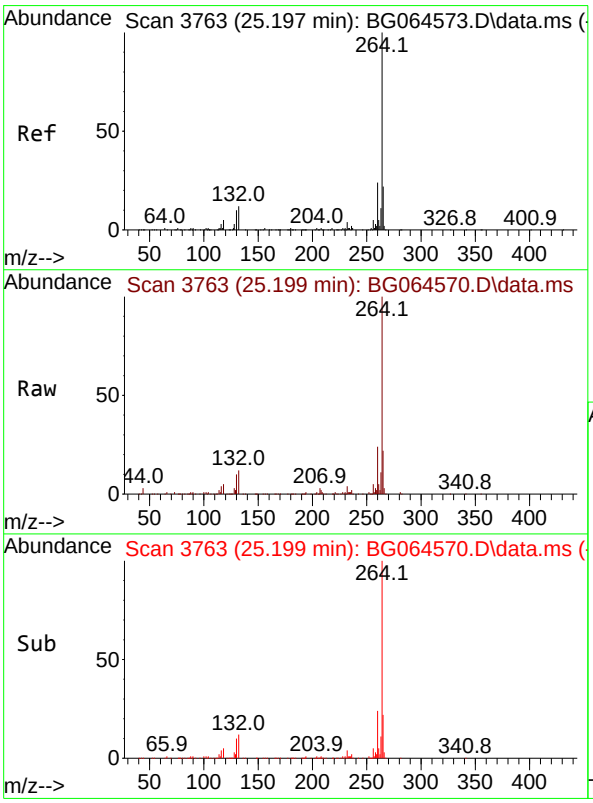
#85
Di-n-octyl phthalate
Concen: 3.599 ng
RT: 23.013 min Scan# 3
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 68286

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	15.7	10.8	16.2

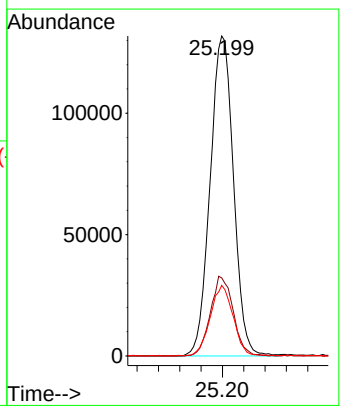


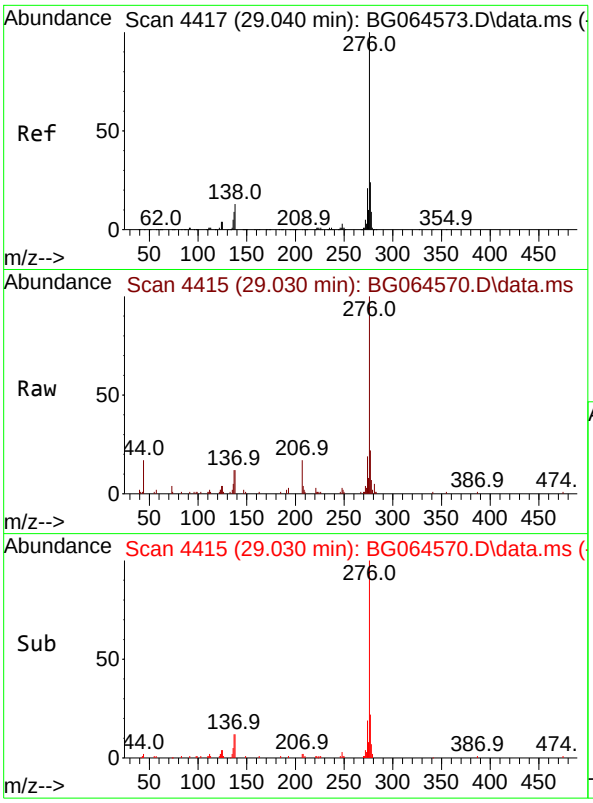


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.199 min Scan# 3763
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:264 Resp: 401350

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.0	28.4
265	22.1	17.6	26.4



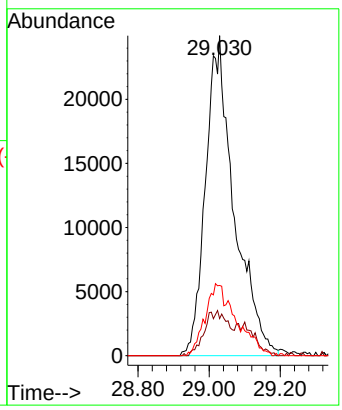


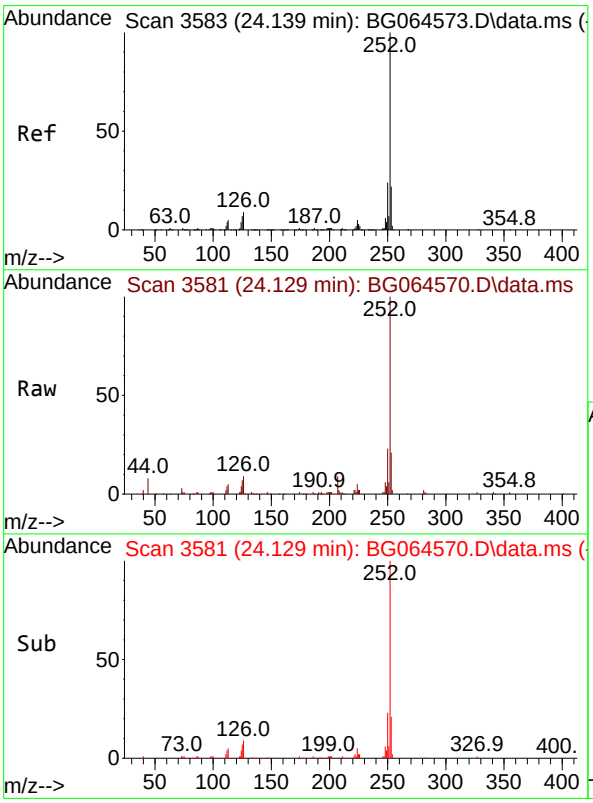
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.700 ng
RT: 29.030 min Scan# 4
Delta R.T. -0.010 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:276 Resp: 138758

Ion	Ratio	Lower	Upper
276	100		
138	0.0	10.8	16.2#
277	24.6	20.1	30.1

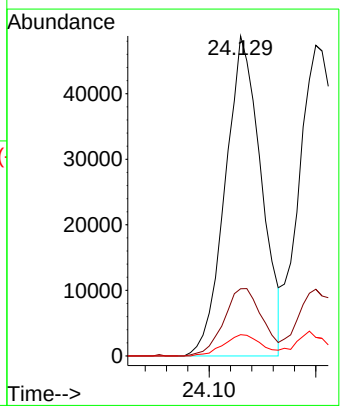


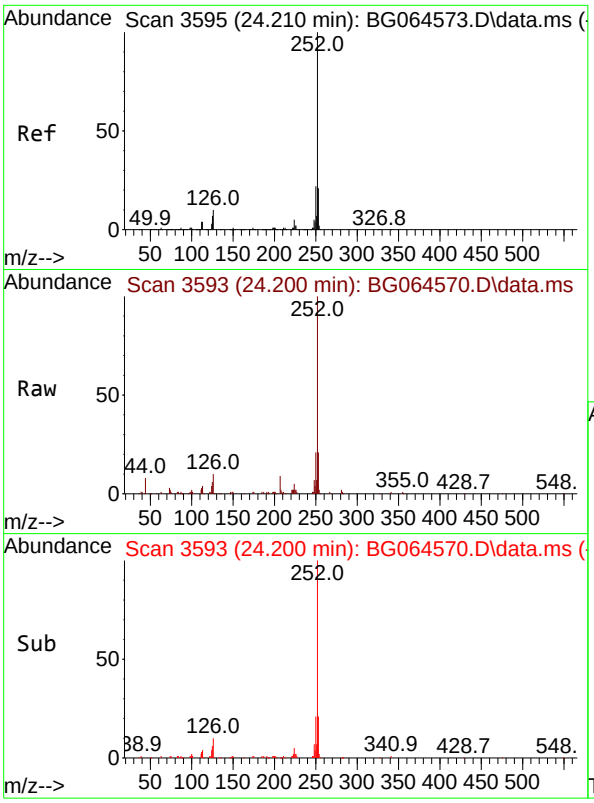


#88
Benzo(b)fluoranthene
Concen: 4.640 ng
RT: 24.129 min Scan# 3581
Delta R.T. -0.010 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:252 Resp: 114203

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.8	26.8
125	6.7	5.6	8.4



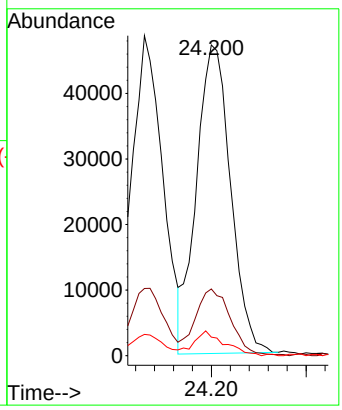


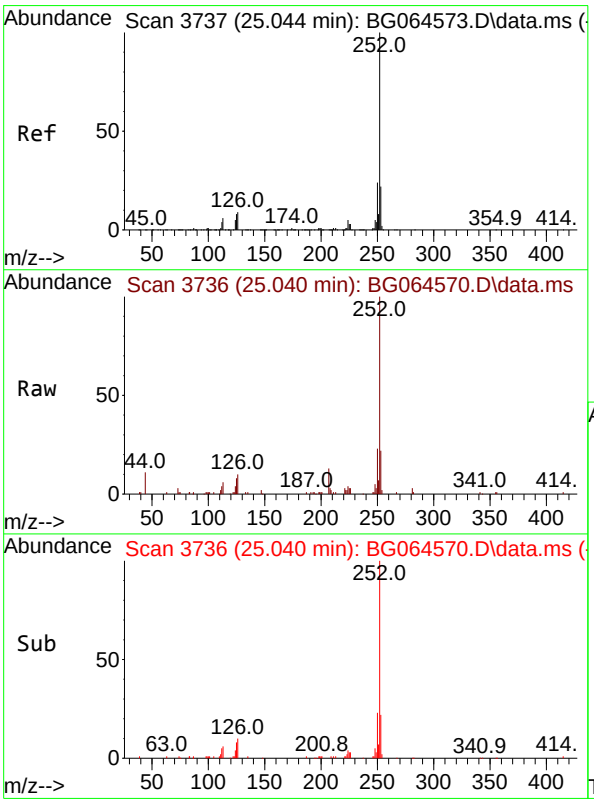
#89
Benzo(k)fluoranthene
Concen: 4.787 ng
RT: 24.200 min Scan# 3
Delta R.T. -0.010 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 117893

Ion	Ratio	Lower	Upper
252	100		
253	21.5	16.8	25.2
125	6.0	5.4	8.0

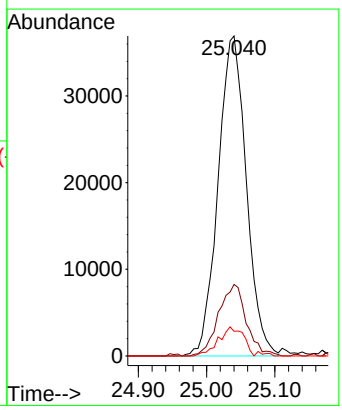


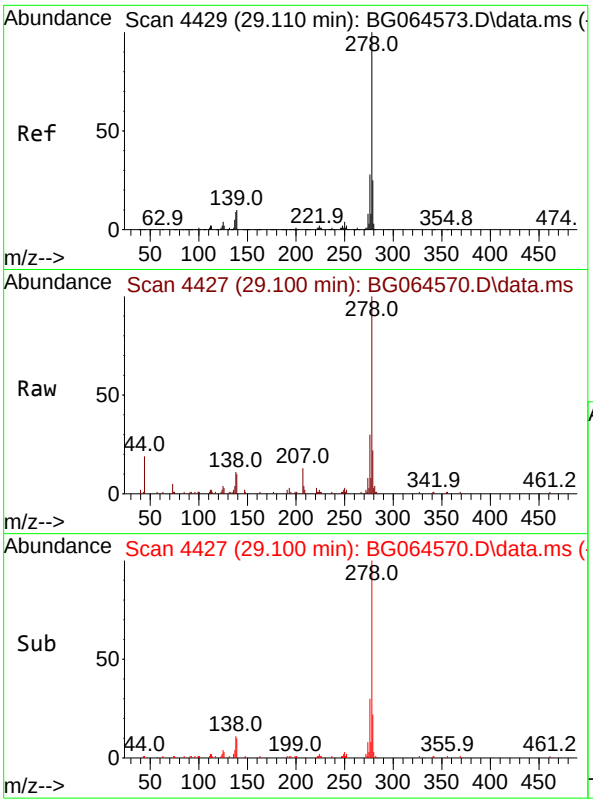


#90
Benzo(a)pyrene
Concen: 4.704 ng
RT: 25.040 min Scan# 3736
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:252 Resp: 106414

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	7.7	6.1	9.1



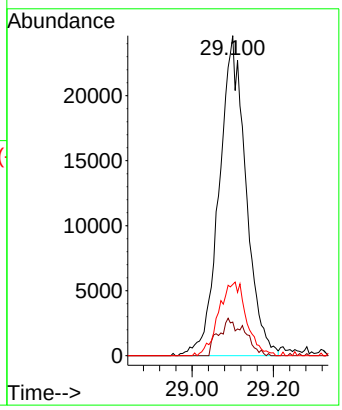


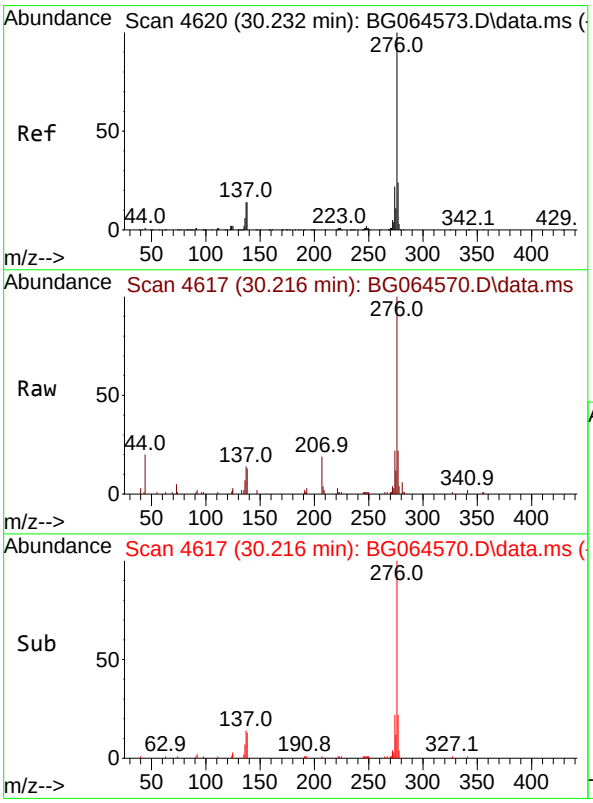
#91
Dibenzo(a,h)anthracene
Concen: 4.686 ng
RT: 29.100 min Scan# 4
Delta R.T. -0.010 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:278 Resp: 112398

Ion	Ratio	Lower	Upper
278	100		
139	10.5	8.0	12.0
279	22.2	19.8	29.6

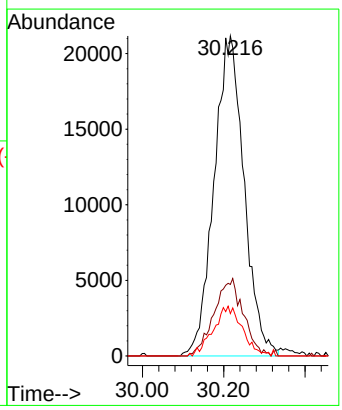




#92
Benzo(g,h,i)perylene
Concen: 4.731 ng
RT: 30.216 min Scan# 4617
Delta R.T. -0.016 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:276 Resp: 108407

Ion	Ratio	Lower	Upper
276	100		
277	22.3	19.1	28.7
138	13.2	11.3	16.9



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064571.D
Acq On : 24 Oct 2025 11:02
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Quant Time: Nov 03 17:59:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 17:56:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.218	152	36324	20.000	ng		0.00
21) Naphthalene-d8	11.044	136	151627	20.000	ng		0.00
39) Acenaphthene-d10	14.839	164	117618	20.000	ng		0.00
64) Phenanthrene-d10	17.577	188	300549	20.000	ng		0.00
76) Chrysene-d12	21.855	240	343958	20.000	ng		0.00
86) Perylene-d12	25.198	264	354939	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.750	112	43837	20.257	ng		0.00
7) Phenol-d6	7.348	99	60084	20.233	ng		0.00
23) Nitrobenzene-d5	9.381	82	43376	17.182	ng		0.00
42) 2,4,6-Tribromophenol	16.314	330	31236	18.400	ng		0.00
45) 2-Fluorobiphenyl	13.470	172	163340	21.050	ng		0.00
79) Terphenyl-d14	20.168	244	385094	21.129	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.588	88	10545	11.006	ng		97
3) Pyridine	3.999	79	29199	10.148	ng		95
4) n-Nitrosodimethylamine	3.905	42	16561	10.733	ng	#	92
6) Aniline	7.530	93	42134	10.427	ng		97
8) 2-Chlorophenol	7.777	128	21922	9.678	ng		96
9) Benzaldehyde	7.342	77	17117	10.558	ng		94
10) Phenol	7.372	94	33058	10.066	ng		87
11) bis(2-Chloroethyl)ether	7.618	93	25594	10.600	ng		91
12) 1,3-Dichlorobenzene	8.112	146	27537	10.562	ng		98
13) 1,4-Dichlorobenzene	8.253	146	28081	10.593	ng		91
14) 1,2-Dichlorobenzene	8.576	146	27577	10.785	ng		96
15) Benzyl Alcohol	8.447	79	23263	9.500	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.741	45	65452	10.334	ng		97
17) 2-Methylphenol	8.647	107	22254	10.206	ng		97
18) Hexachloroethane	9.322	117	9723	10.452	ng		93
19) n-Nitroso-di-n-propyla...	9.017	70	20724	10.098	ng	#	98
20) 3+4-Methylphenols	8.970	107	30009	9.786	ng		95
22) Acetophenone	9.040	105	42851	10.338	ng	#	93
24) Nitrobenzene	9.422	77	23618	8.602	ng		98
25) Isophorone	9.951	82	60347	9.962	ng		98
26) 2-Nitrophenol	10.139	139	7208	9.491	ng	#	91
27) 2,4-Dimethylphenol	10.192	122	22259	9.879	ng		96
28) bis(2-Chloroethoxy)met...	10.433	93	35170	10.197	ng		98
29) 2,4-Dichlorophenol	10.680	162	22643	9.338	ng		94
30) 1,2,4-Trichlorobenzene	10.903	180	27947	10.143	ng		93
31) Naphthalene	11.097	128	86750	10.319	ng		99
32) Benzoic acid	10.245	122	5563	7.849	ng	#	84
33) 4-Chloroaniline	11.185	127	34581	10.583	ng		97
34) Hexachlorobutadiene	11.390	225	22099	10.256	ng		95
35) Caprolactam	11.931	113	8521	9.162	ng		92
36) 4-Chloro-3-methylphenol	12.289	107	28904	9.916	ng		98
37) 2-Methylnaphthalene	12.689	142	65070	10.543	ng		95
38) 1-Methylnaphthalene	12.906	142	64384	10.540	ng		95
40) 1,2,4,5-Tetrachloroben...	13.053	216	40253	10.197	ng		98
41) Hexachlorocyclopentadiene	13.036	237	15733	8.855	ng		97
43) 2,4,6-Trichlorophenol	13.276	196	19584	8.673	ng		91

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064571.D
Acq On : 24 Oct 2025 11:02
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Quant Time: Nov 03 17:59:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 17:56:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.341	196	24973	9.584	ng		94
46) 1,1'-Biphenyl	13.682	154	85287	10.200	ng		96
47) 2-Chloronaphthalene	13.723	162	63631	10.081	ng		98
48) 2-Nitroaniline	13.905	65	13764	9.284	ng		91
49) Acenaphthylene	14.563	152	101526	10.198	ng		100
50) Dimethylphthalate	14.281	163	92308	10.256	ng		96
51) 2,6-Dinitrotoluene	14.393	165	10601	9.857	ng		87
52) Acenaphthene	14.904	154	69273	10.184	ng		97
53) 3-Nitroaniline	14.722	138	12414	8.026	ng	#	92
54) 2,4-Dinitrophenol	14.922	184	5082	10.760	ng	#	1
55) Dibenzofuran	15.239	168	115990	10.548	ng		97
56) 4-Nitrophenol	15.010	139	11207	7.815	ng		86
57) 2,4-Dinitrotoluene	15.174	165	15797	9.494	ng	#	94
58) Fluorene	15.879	166	91712	10.679	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.450	232	22645	9.088	ng	#	99
60) Diethylphthalate	15.644	149	96719	10.525	ng		98
61) 4-Chlorophenyl-phenyle...	15.873	204	50818	10.544	ng		97
62) 4-Nitroaniline	15.873	138	14819	8.612	ng		95
63) Azobenzene	16.161	77	88441	10.489	ng		97
65) 4,6-Dinitro-2-methylph...	15.938	198	8190	10.919	ng		86
66) n-Nitrosodiphenylamine	16.079	169	82787	10.197	ng		99
67) 4-Bromophenyl-phenylether	16.767	248	35433	9.949	ng		96
68) Hexachlorobenzene	16.884	284	39975	9.838	ng		94
69) Atrazine	17.019	200	34185	9.785	ng		99
70) Pentachlorophenol	17.225	266	19859	7.838	ng		96
71) Phenanthrene	17.618	178	170294	10.361	ng		99
72) Anthracene	17.712	178	171860	10.279	ng		98
73) Carbazole	17.965	167	155907	10.575	ng		99
74) Di-n-butylphthalate	18.529	149	173716	10.189	ng		99
75) Fluoranthene	19.616	202	219838	10.677	ng		98
77) Benzidine	19.781	184	67427	8.750	ng		99
78) Pyrene	19.975	202	228905	10.186	ng		99
80) Butylbenzylphthalate	20.850	149	61669	9.080	ng		94
81) Benzo(a)anthracene	21.831	228	233051	10.219	ng		99
82) 3,3'-Dichlorobenzidine	21.737	252	71951	9.448	ng		94
83) Chrysene	21.902	228	222018	10.231	ng		97
84) Bis(2-ethylhexyl)phtha...	21.749	149	95500	9.410	ng	#	99
85) Di-n-octyl phthalate	23.012	149	149877	8.759	ng		99
87) Indeno(1,2,3-cd)pyrene	29.023	276	264547	10.132	ng		93
88) Benzo(b)fluoranthene	24.128	252	221197	10.163	ng		98
89) Benzo(k)fluoranthene	24.199	252	223674	10.270	ng		98
90) Benzo(a)pyrene	25.033	252	202985	10.146	ng		98
91) Dibenzo(a,h)anthracene	29.099	278	217114	10.235	ng		99
92) Benzo(g,h,i)perylene	30.210	276	206153	10.173	ng		98

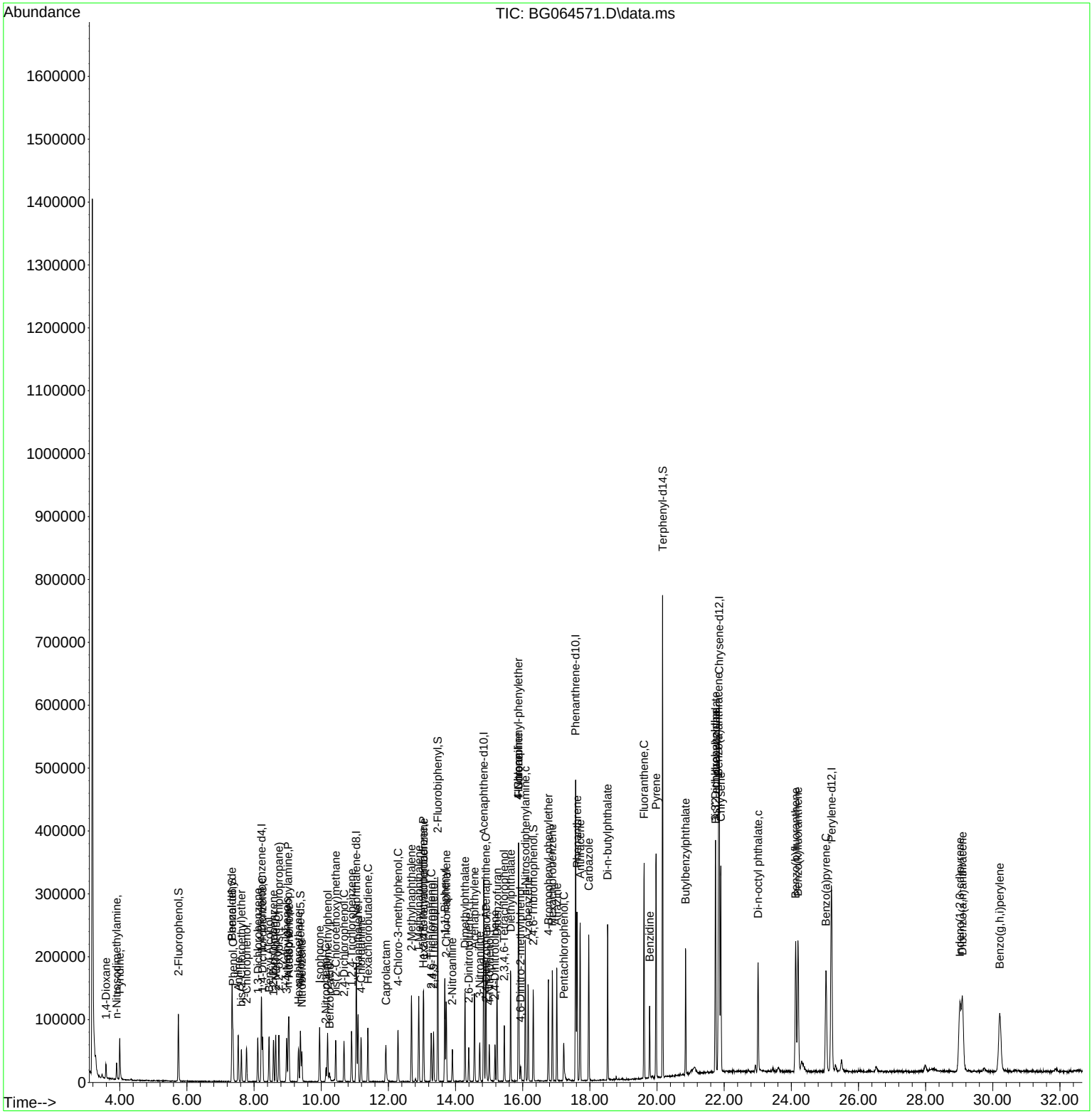
(#) = qualifier out of range (m) = manual integration (+) = signals summed

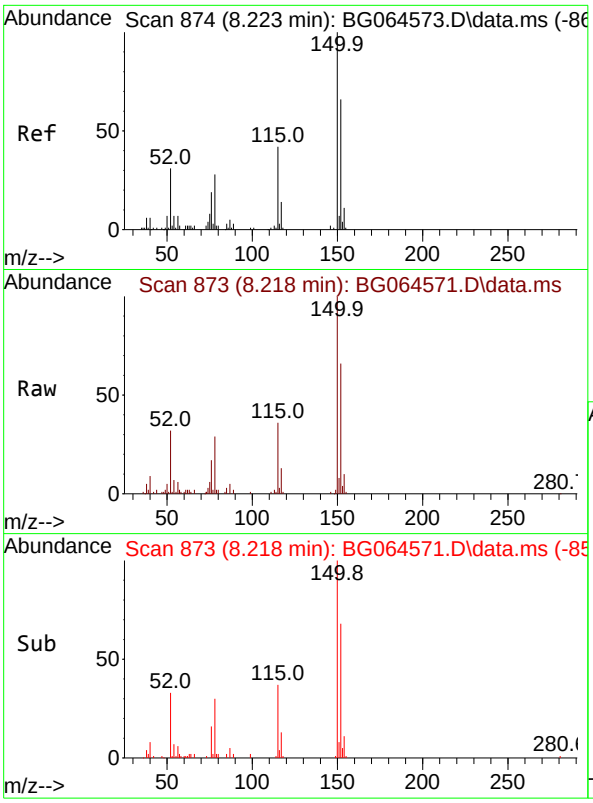
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064571.D
Acq On : 24 Oct 2025 11:02
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Quant Time: Nov 03 17:59:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 17:56:56 2025
Response via : Initial Calibration



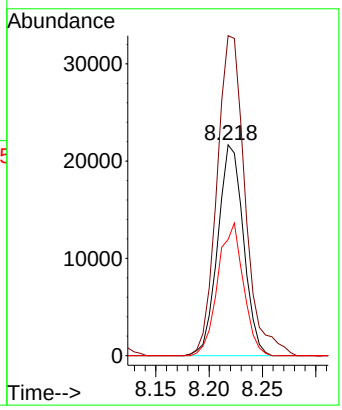


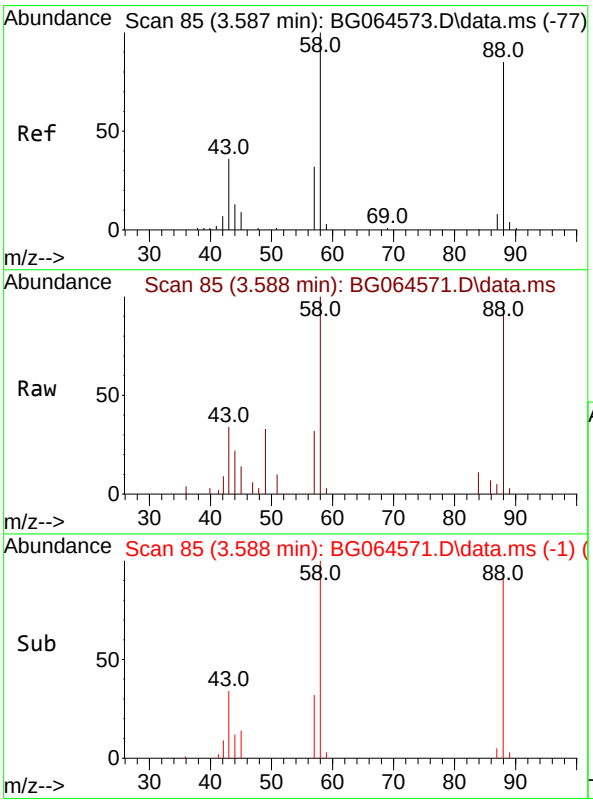
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.218 min Scan# 8
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 36324

Ion	Ratio	Lower	Upper
152	100		
150	151.7	122.2	183.4
115	55.1	50.8	76.2

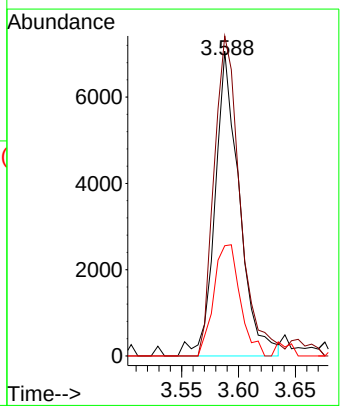


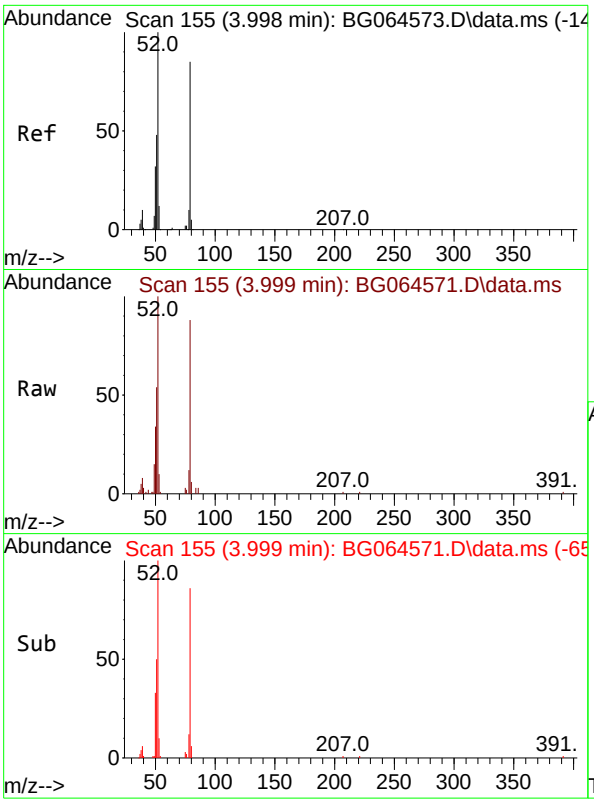


#2
1,4-Dioxane
Concen: 11.006 ng
RT: 3.588 min Scan# 85
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion: 88 Resp: 10545

Ion	Ratio	Lower	Upper
88	100		
58	112.0	92.4	138.6
43	39.4	33.0	49.6



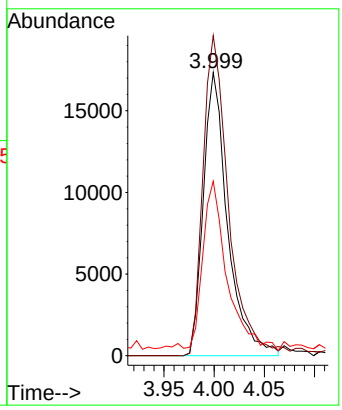


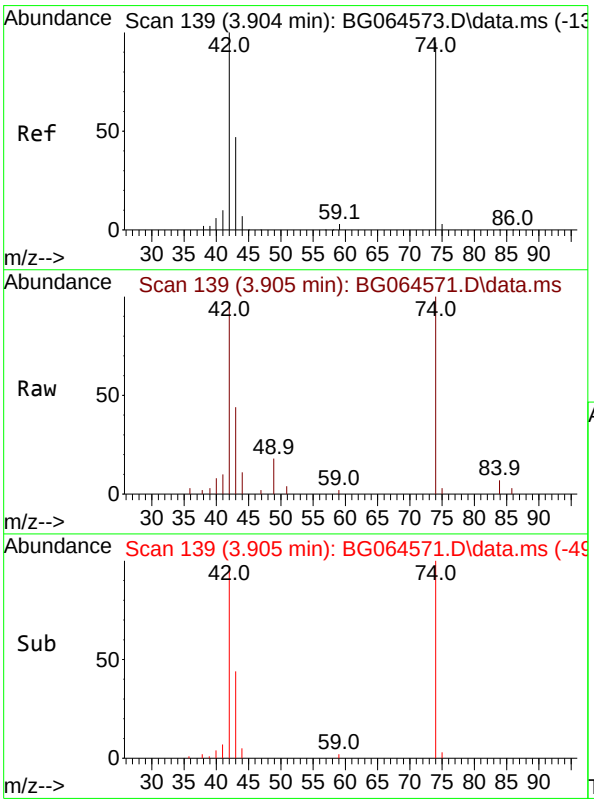
#3
Pyridine
Concen: 10.148 ng
RT: 3.999 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 29199

Ion	Ratio	Lower	Upper
79	100		
52	113.0	94.2	141.2
51	61.6	46.1	69.1

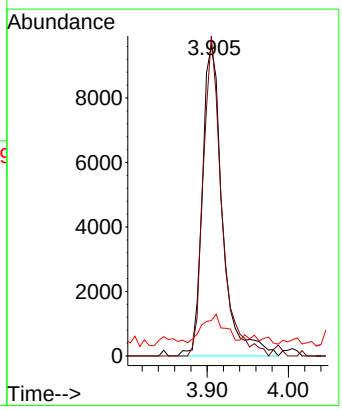


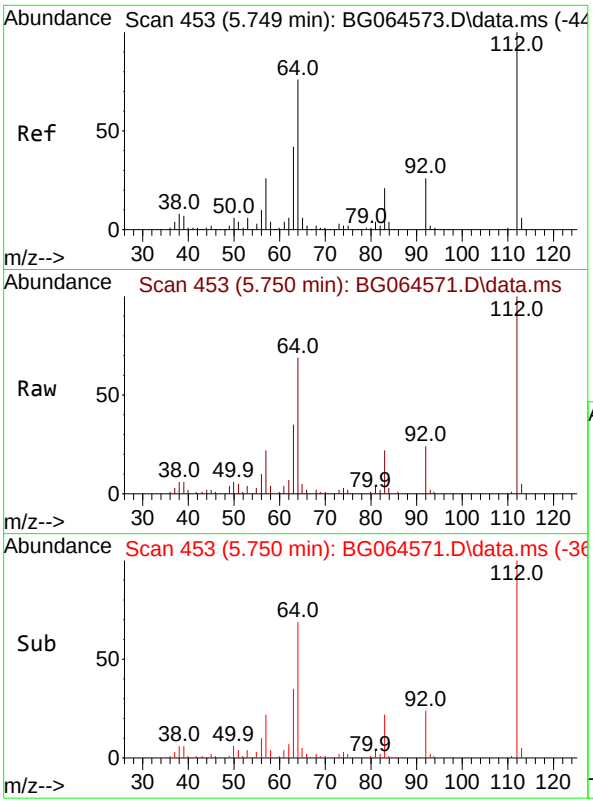


#4
n-Nitrosodimethylamine
Concen: 10.733 ng
RT: 3.905 min Scan# 139
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion: 42 Resp: 16561

Ion	Ratio	Lower	Upper
42	100		
74	103.1	76.1	114.1
44	11.4	6.3	9.5#



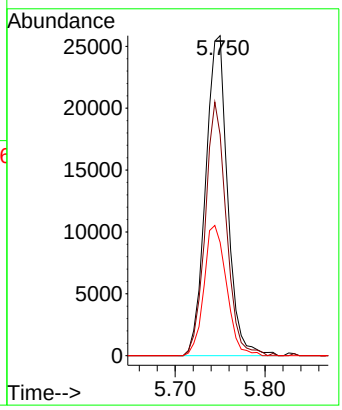


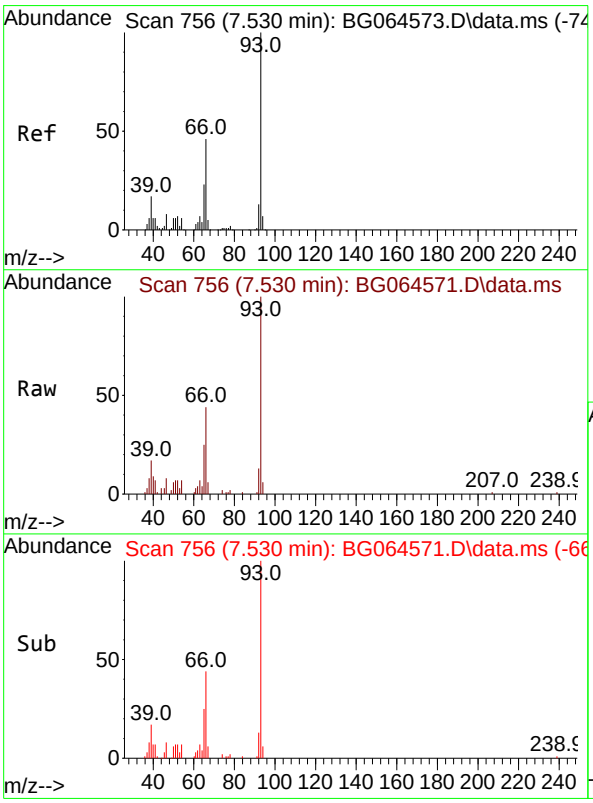
#5
2-Fluorophenol
Concen: 20.257 ng
RT: 5.750 min Scan# 4
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:112 Resp: 43837

Ion	Ratio	Lower	Upper
112	100		
64	69.1	60.7	91.1
63	35.4	33.4	50.0

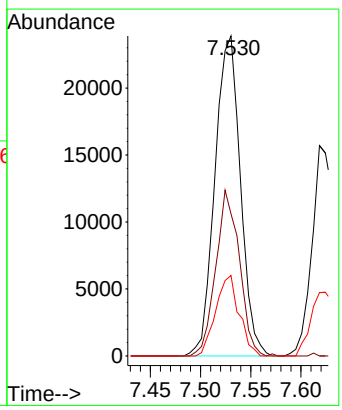


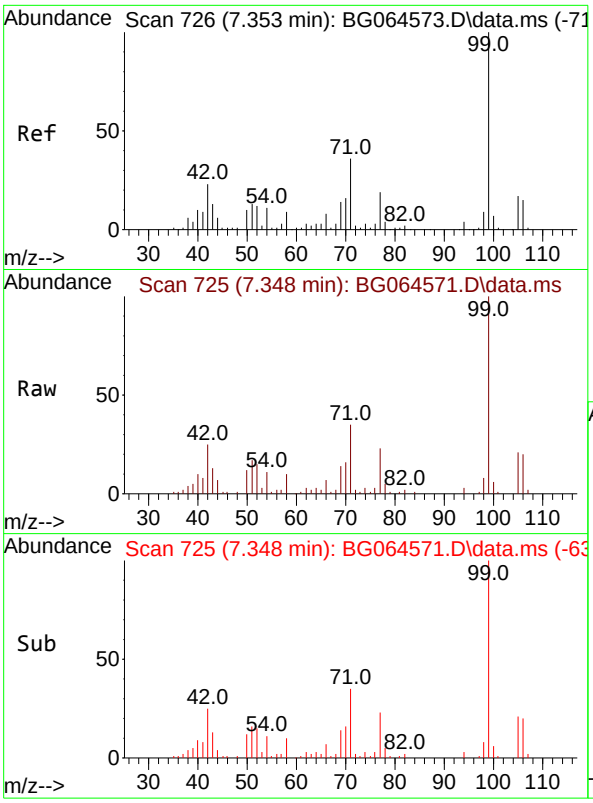


#6
Aniline
Concen: 10.427 ng
RT: 7.530 min Scan# 756
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion: 93 Resp: 42134

Ion	Ratio	Lower	Upper
93	100		
66	44.4	37.0	55.6
65	25.1	18.3	27.5



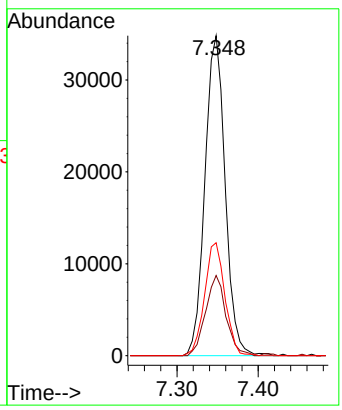


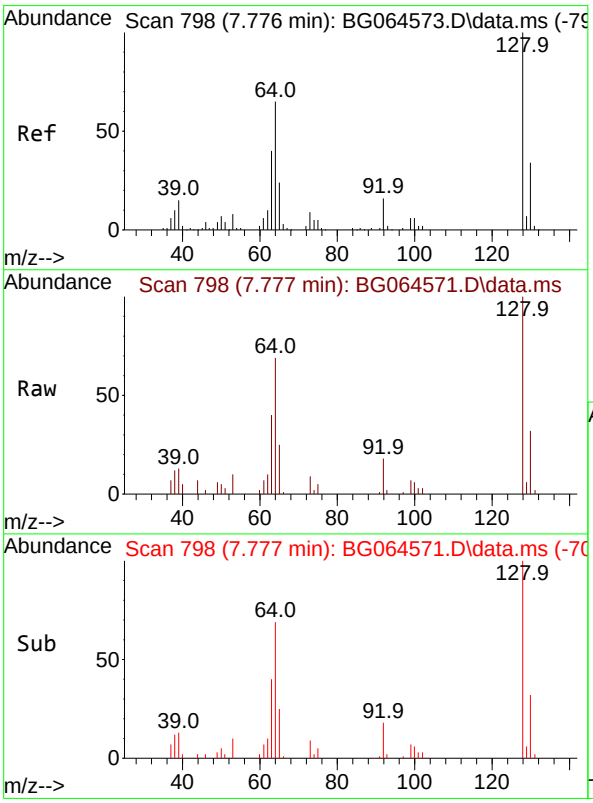
#7
Phenol-d6
Concen: 20.233 ng
RT: 7.348 min Scan# 7
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 60084

Ion	Ratio	Lower	Upper
99	100		
42	25.0	18.3	27.5
71	35.3	28.6	43.0

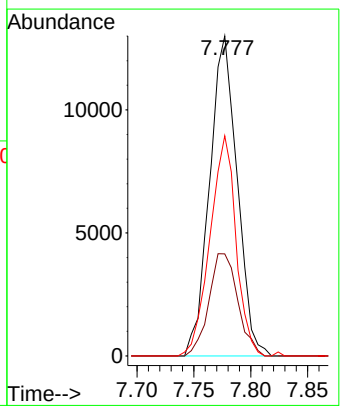


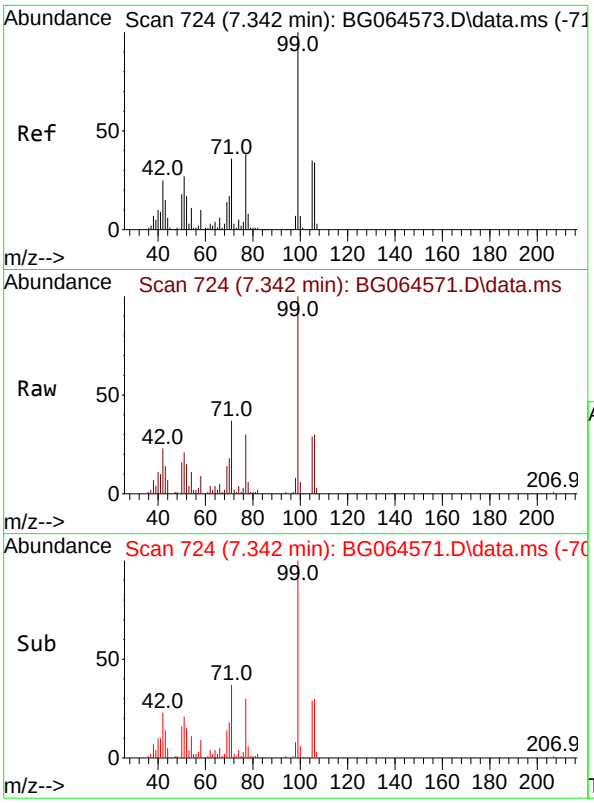


#8
2-Chlorophenol
Concen: 9.678 ng
RT: 7.777 min Scan# 798
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:128 Resp: 21922

Ion	Ratio	Lower	Upper
128	100		
130	31.9	13.5	53.5
64	68.8	45.2	85.2



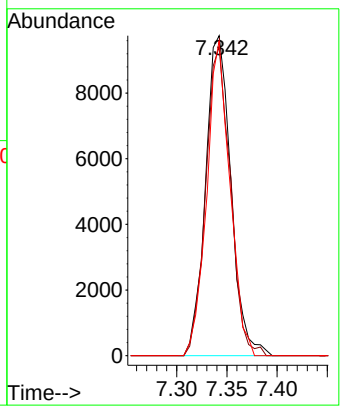


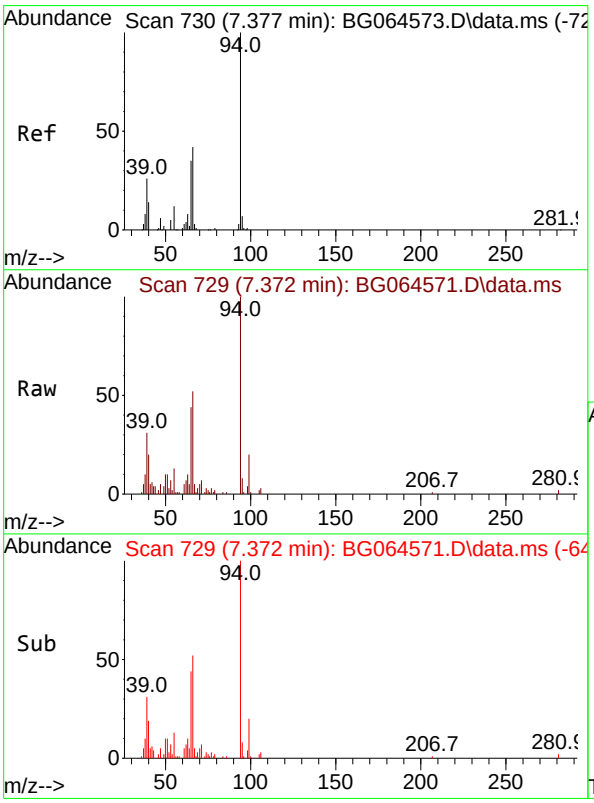
#9
Benzaldehyde
Concen: 10.558 ng
RT: 7.342 min Scan# 7
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 17117

Ion	Ratio	Lower	Upper
77	100		
105	96.5	72.9	112.9
106	98.4	70.8	110.8

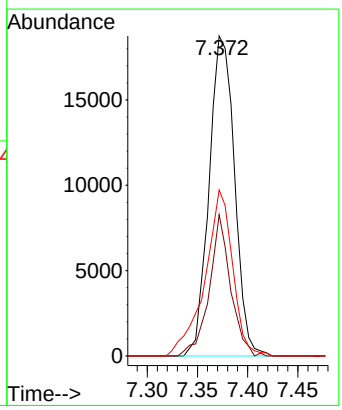


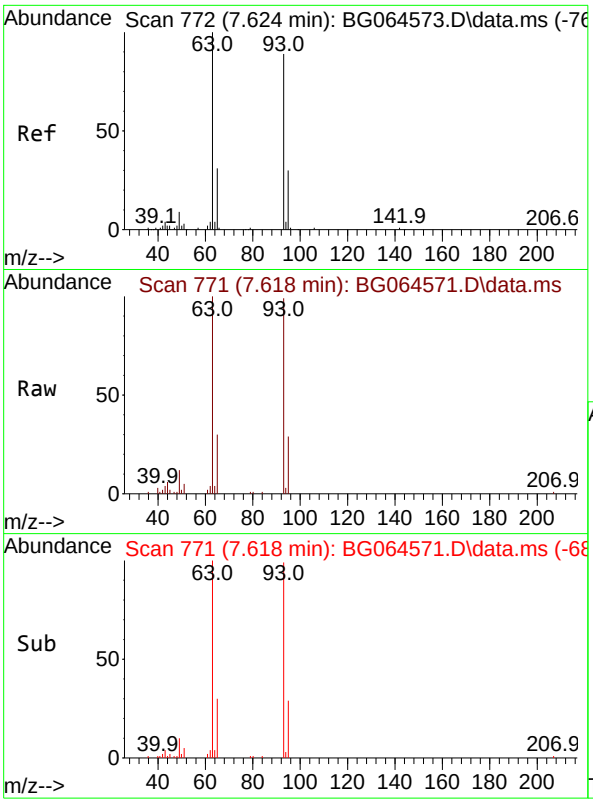


#10
Phenol
Concen: 10.066 ng
RT: 7.372 min Scan# 729
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion: 94 Resp: 33058

Ion	Ratio	Lower	Upper
94	100		
65	44.2	15.8	55.8
66	51.9	24.0	64.0



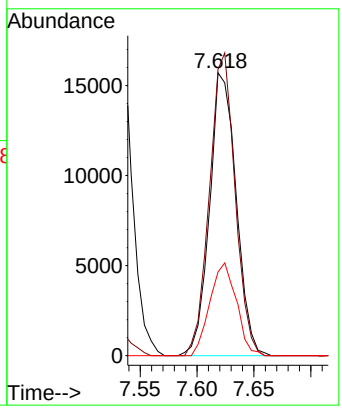


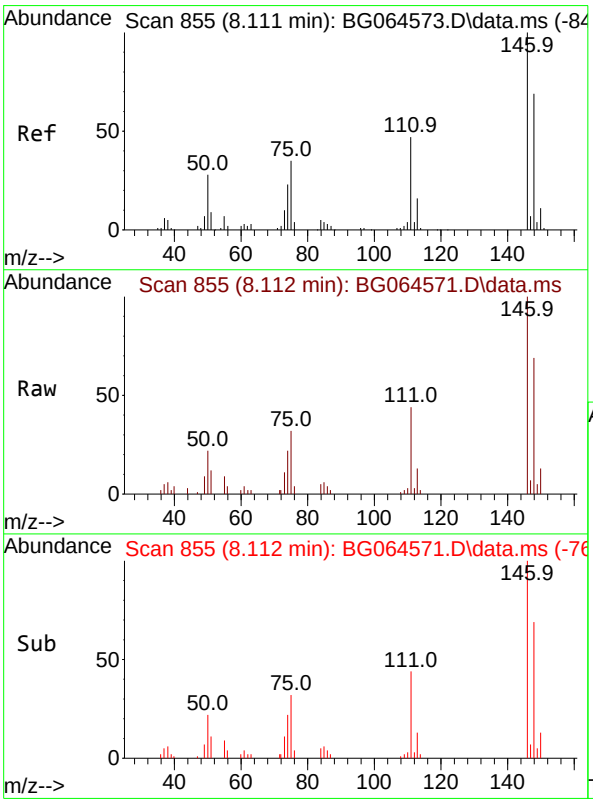
#11
bis(2-Chloroethyl)ether
Concen: 10.600 ng
RT: 7.618 min Scan# 7
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion: 93 Resp: 25594

Ion	Ratio	Lower	Upper
93	100		
63	101.2	91.3	131.3
95	29.6	13.3	53.3

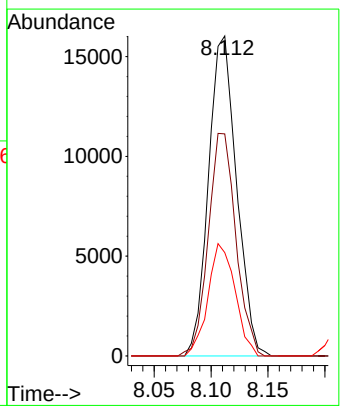


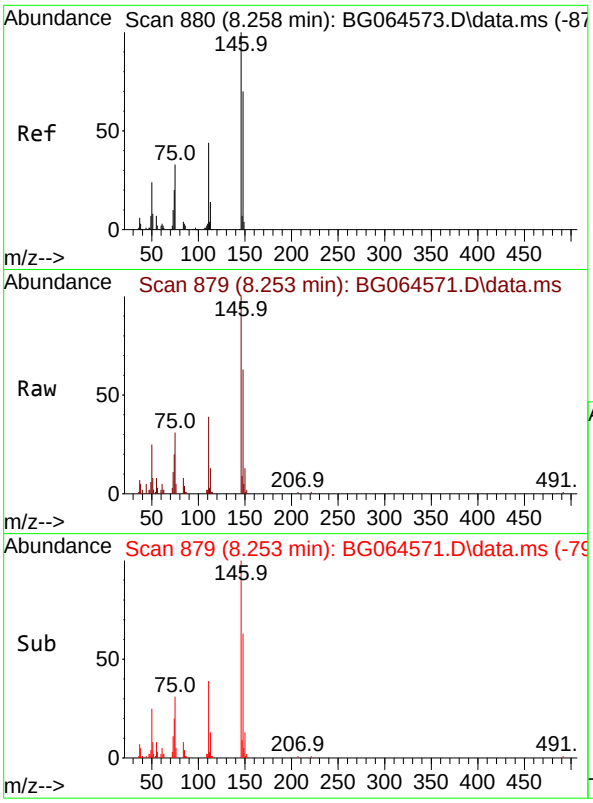


#12
1,3-Dichlorobenzene
Concen: 10.562 ng
RT: 8.112 min Scan# 855
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:146 Resp: 27537

Ion	Ratio	Lower	Upper
146	100		
148	69.4	55.3	82.9
75	32.3	28.2	42.2



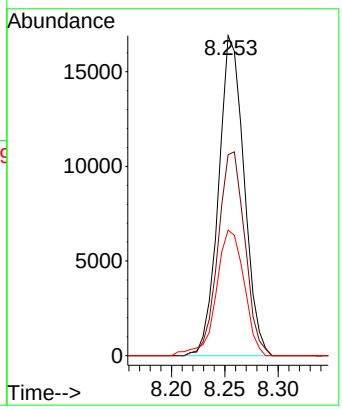


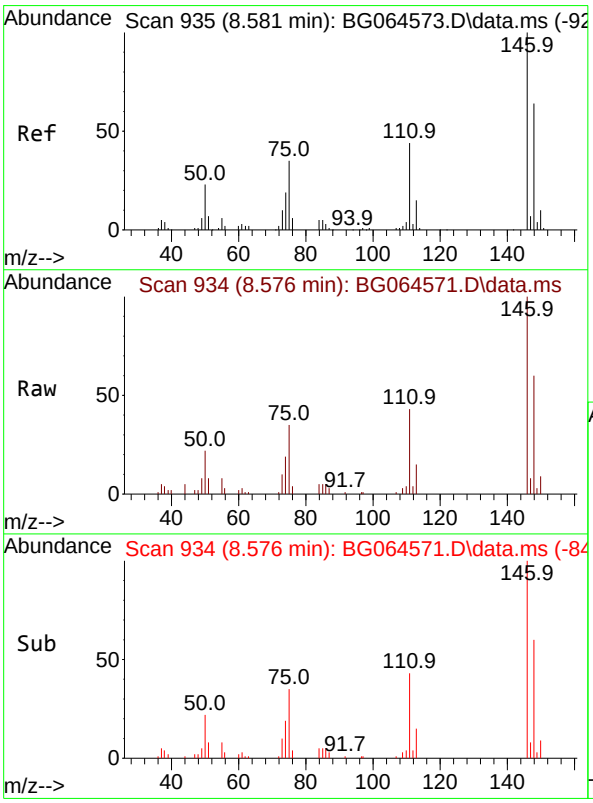
#13
1,4-Dichlorobenzene
Concen: 10.593 ng
RT: 8.253 min Scan# 8
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:146 Resp: 28081

Ion	Ratio	Lower	Upper
146	100		
148	62.8	56.2	84.4
111	39.3	35.4	53.0

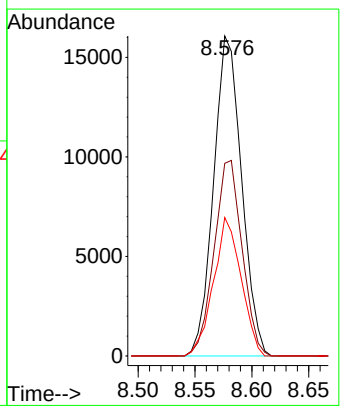


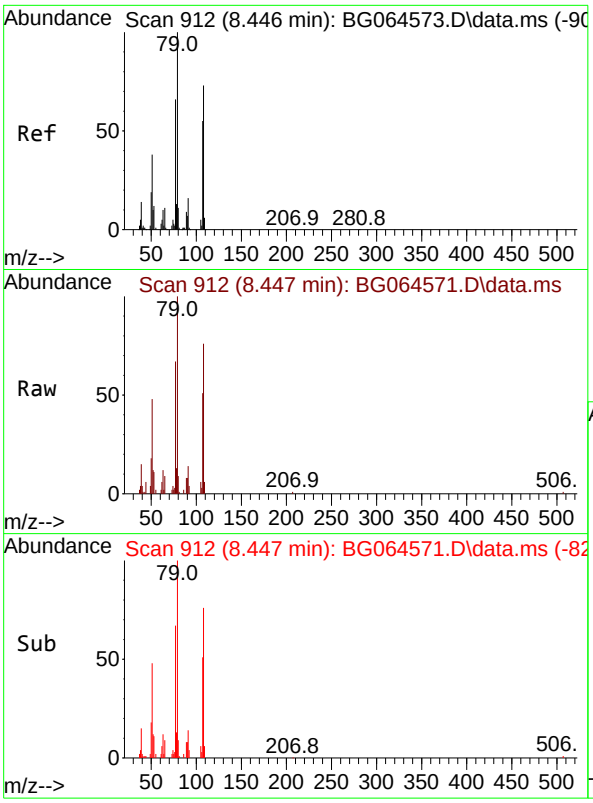


#14
1,2-Dichlorobenzene
Concen: 10.785 ng
RT: 8.576 min Scan# 934
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:146 Resp: 27577

Ion	Ratio	Lower	Upper
146	100		
148	60.2	51.5	77.3
111	43.3	35.0	52.6



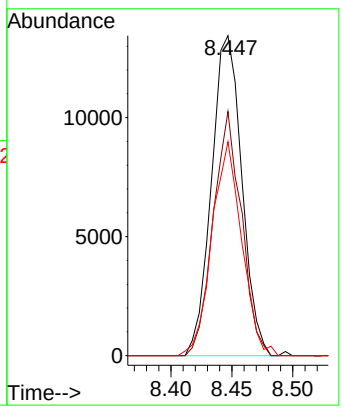


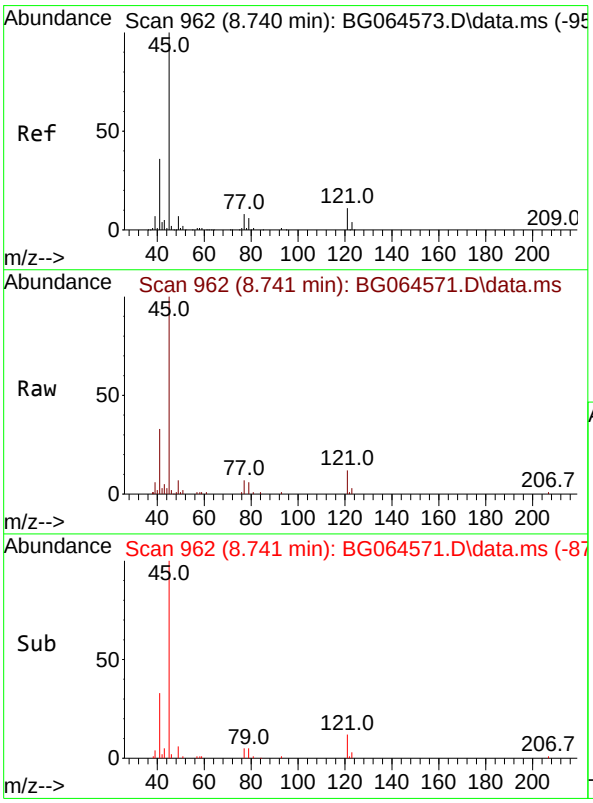
#15
Benzyl Alcohol
Concen: 9.500 ng
RT: 8.447 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 23263

Ion	Ratio	Lower	Upper
79	100		
108	76.3	58.1	87.1
77	66.9	52.8	79.2

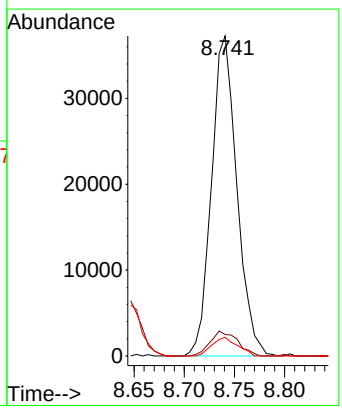


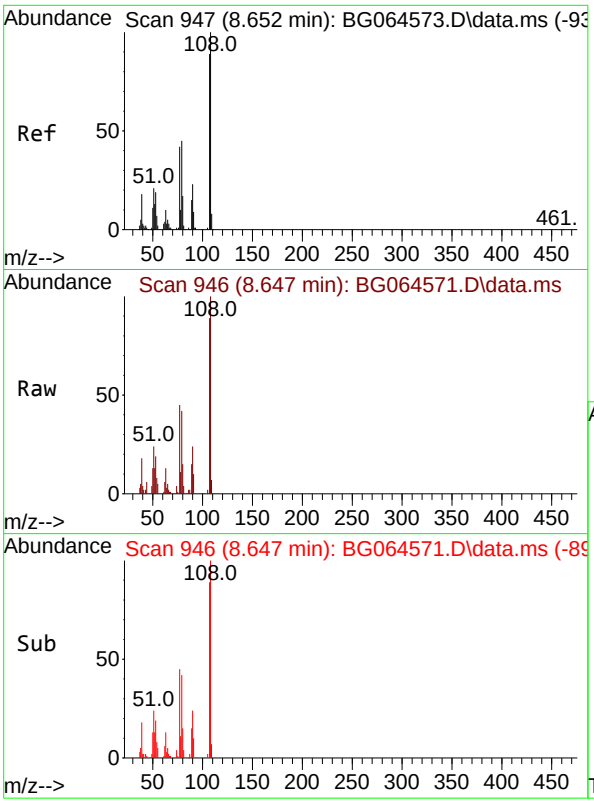


#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.334 ng
RT: 8.741 min Scan# 962
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion: 45 Resp: 65452

Ion	Ratio	Lower	Upper
45	100		
77	6.7	0.0	28.5
79	5.8	0.0	25.6



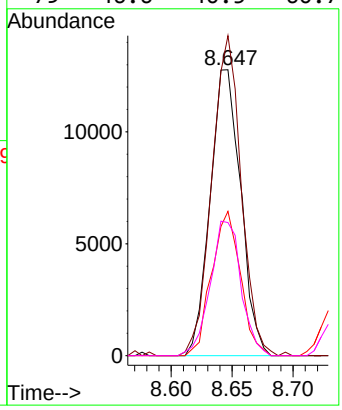


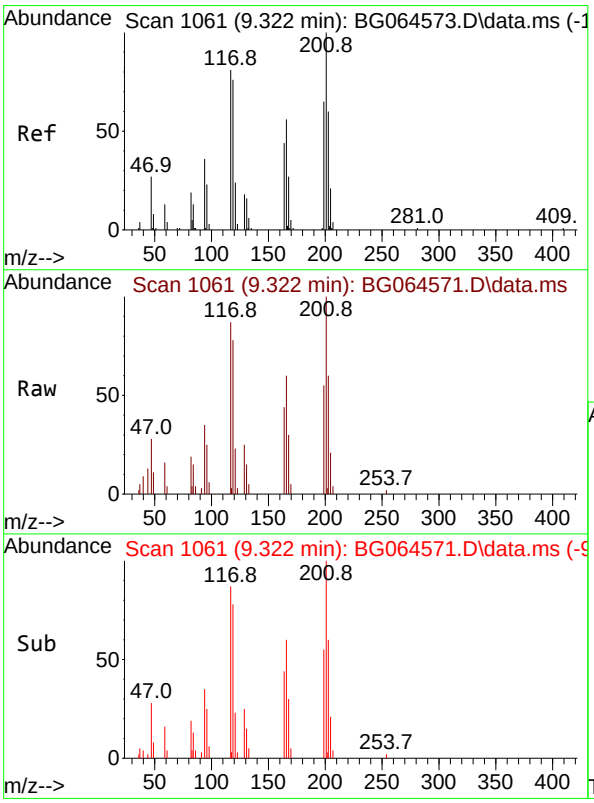
#17
2-Methylphenol
Concen: 10.206 ng
RT: 8.647 min Scan# 94
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:107 Resp: 22254

Ion	Ratio	Lower	Upper
107	100		
108	111.9	90.0	135.0
77	50.5	37.8	56.8
79	46.6	40.5	60.7

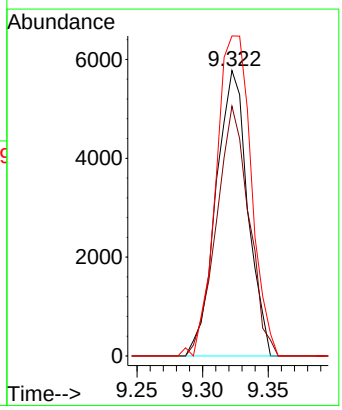


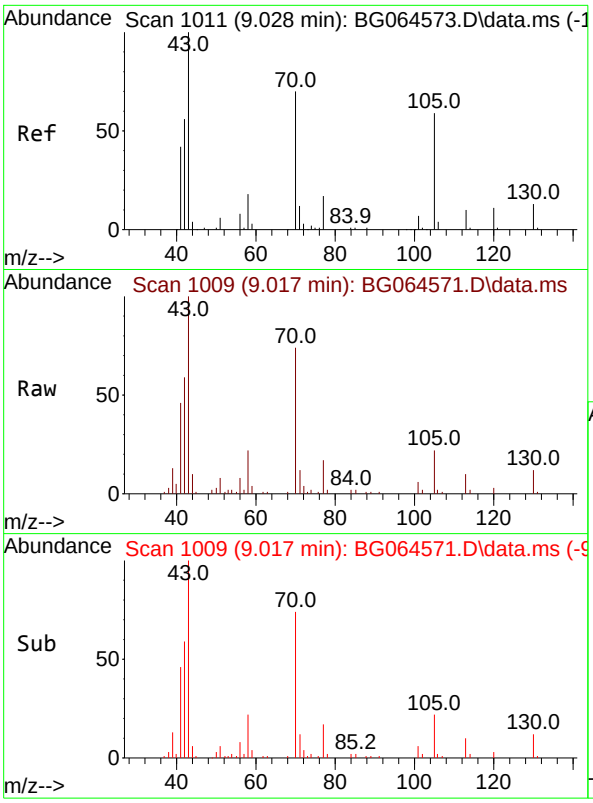


#18
Hexachloroethane
Concen: 10.452 ng
RT: 9.322 min Scan# 1061
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:117 Resp: 9723

Ion	Ratio	Lower	Upper
117	100		
119	87.5	75.4	113.2
201	115.2	99.2	148.8



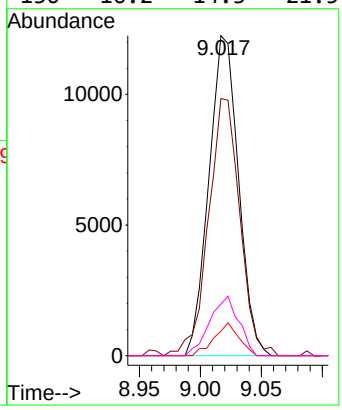


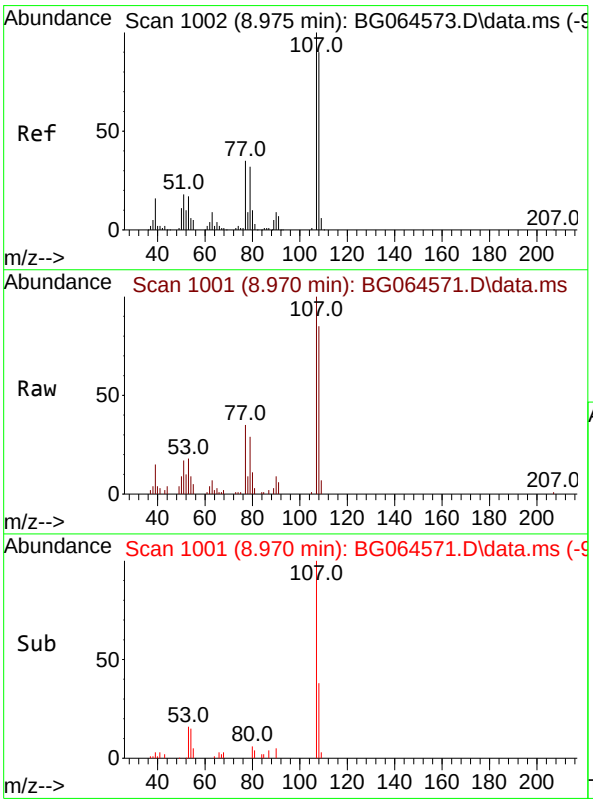
#19
n-Nitroso-di-n-propylamine
Concen: 10.098 ng
RT: 9.017 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion: 70 Resp: 20724

Ion	Ratio	Lower	Upper
70	100		
42	80.3	65.2	97.8
101	7.6	7.9	11.9#
130	16.2	14.3	21.5

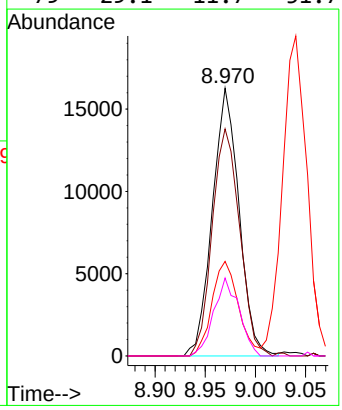


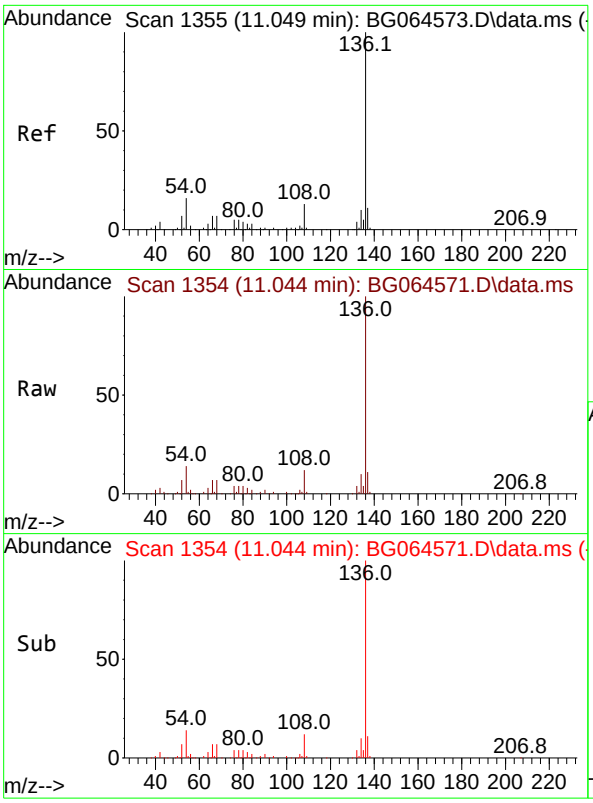


#20
3+4-Methylphenols
Concen: 9.786 ng
RT: 8.970 min Scan# 1001
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:107 Resp: 30009

Ion	Ratio	Lower	Upper
107	100		
108	84.8	70.3	110.3
77	35.4	14.6	54.6
79	29.1	11.7	51.7



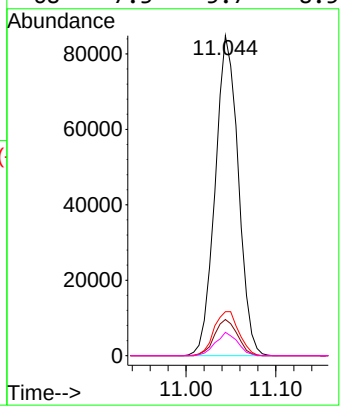


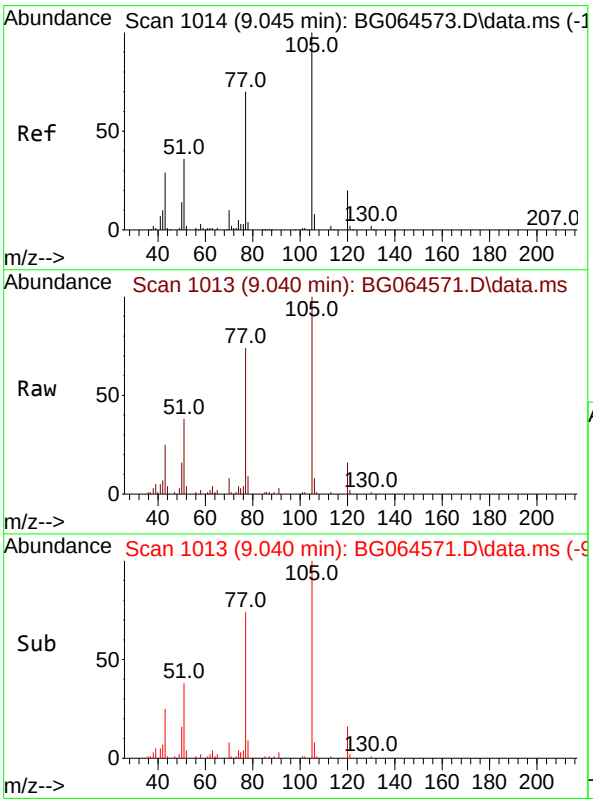
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.044 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:136 Resp: 151627

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	13.8	12.6	19.0
68	7.3	5.7	8.5

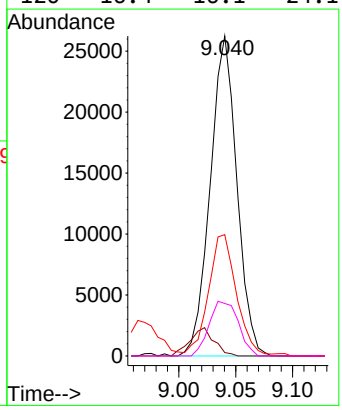


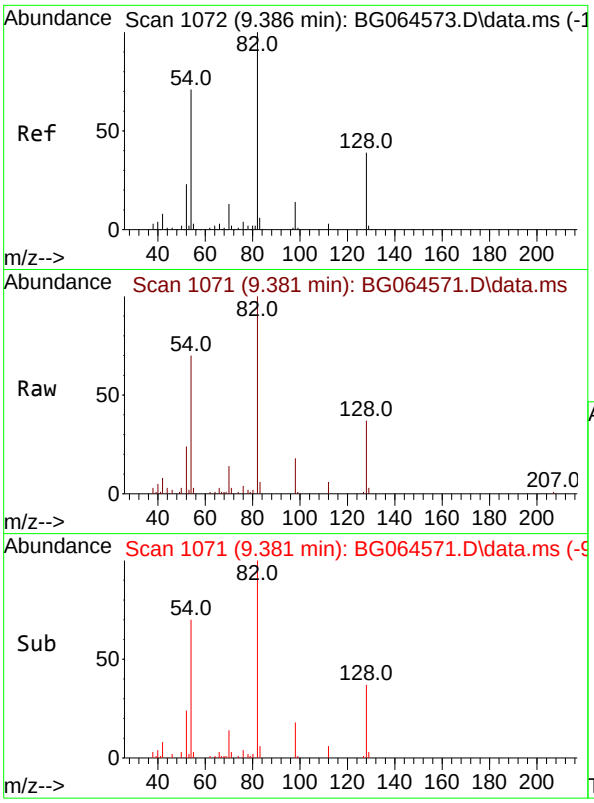


#22
Acetophenone
Concen: 10.338 ng
RT: 9.040 min Scan# 1013
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:105 Resp: 42851

Ion	Ratio	Lower	Upper
105	100		
71	1.1	1.5	2.3#
51	37.9	33.7	50.5
120	16.4	16.1	24.1



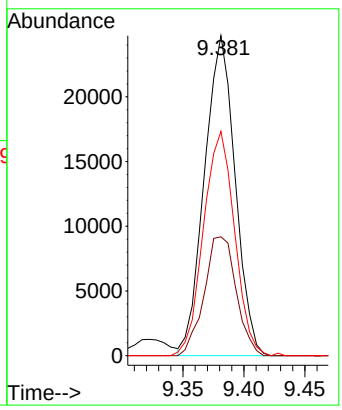


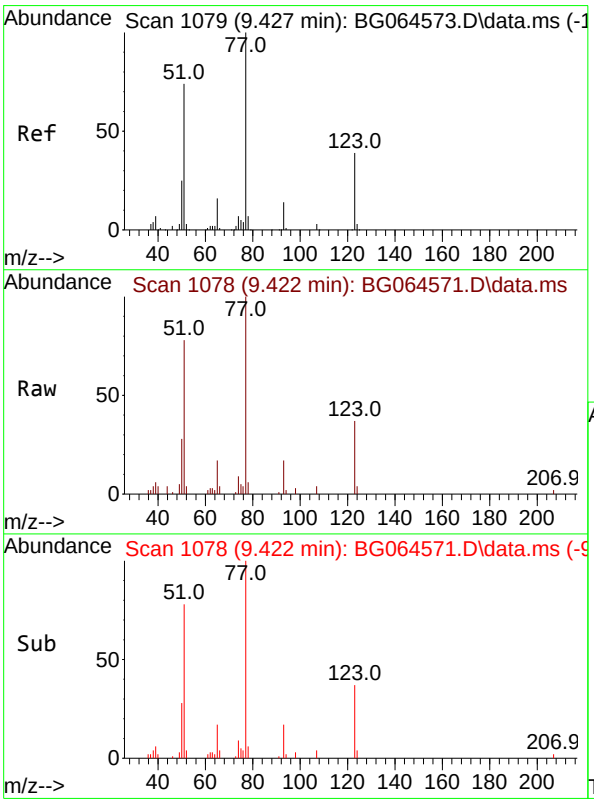
#23
Nitrobenzene-d5
Concen: 17.182 ng
RT: 9.381 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 43376

Ion	Ratio	Lower	Upper
82	100		
128	37.2	31.3	46.9
54	70.1	56.6	84.8

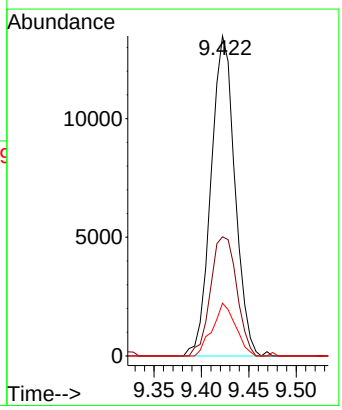


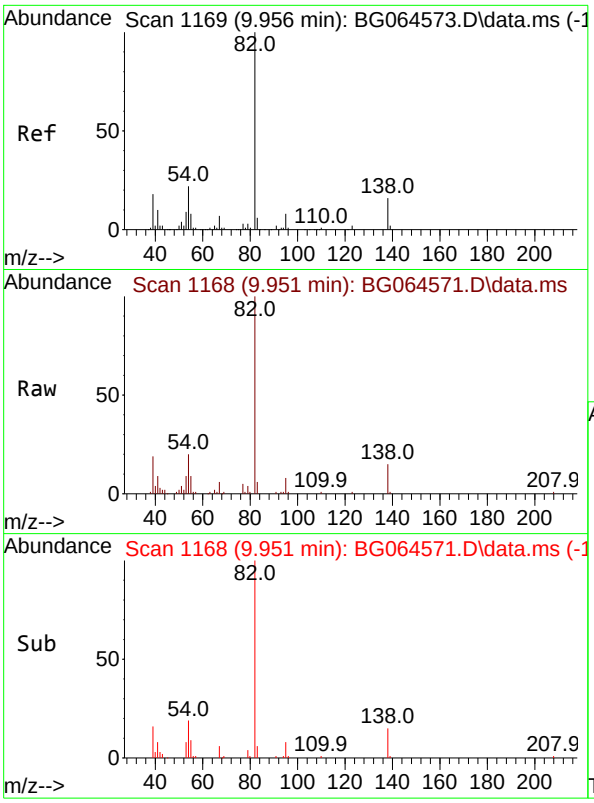


#24
Nitrobenzene
Concen: 8.602 ng
RT: 9.422 min Scan# 1078
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion: 77 Resp: 23618

Ion	Ratio	Lower	Upper
77	100		
123	37.3	31.0	46.6
65	16.5	12.7	19.1



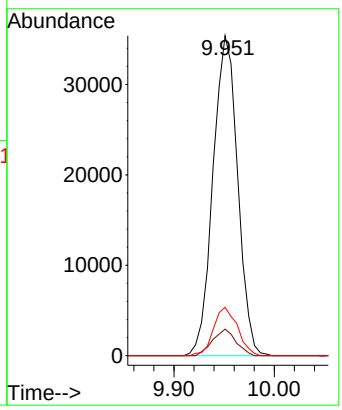


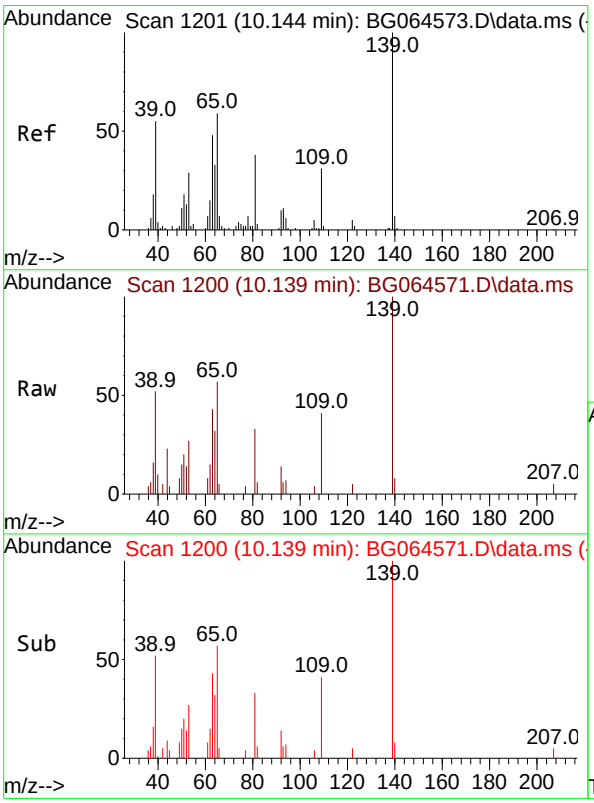
#25
Isophorone
Concen: 9.962 ng
RT: 9.951 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 60347

Ion	Ratio	Lower	Upper
82	100		
95	8.3	6.1	9.1
138	15.1	13.0	19.4

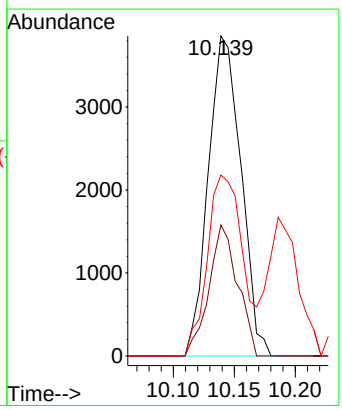


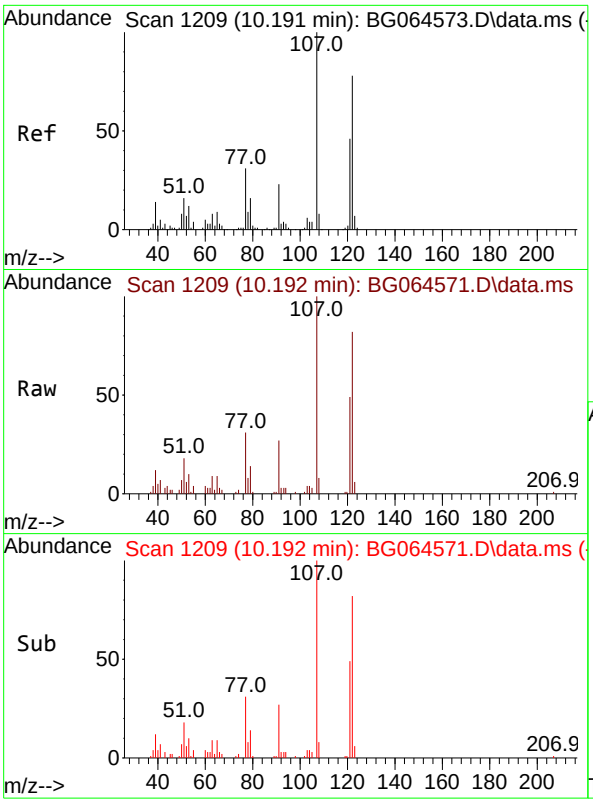


#26
2-Nitrophenol
Concen: 9.491 ng
RT: 10.139 min Scan# 1200
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:139 Resp: 7208

Ion	Ratio	Lower	Upper
139	100		
109	40.9	24.6	37.0#
65	56.6	47.5	71.3



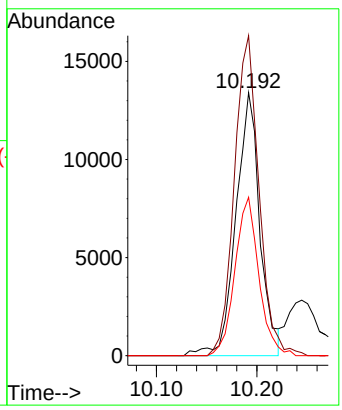


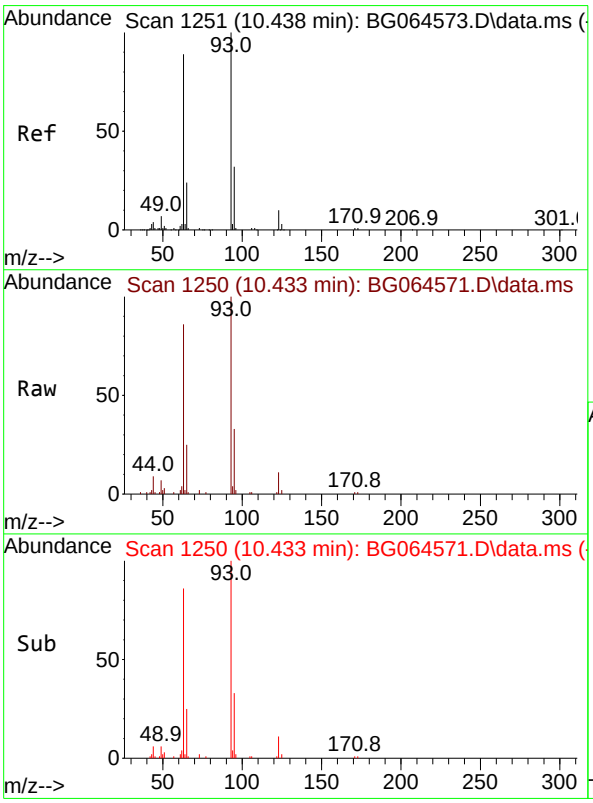
#27
2,4-Dimethylphenol
Concen: 9.879 ng
RT: 10.192 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:122 Resp: 22259

Ion	Ratio	Lower	Upper
122	100		
107	121.6	103.0	154.4
121	60.2	47.8	71.8

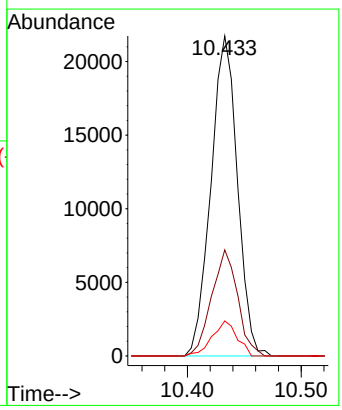


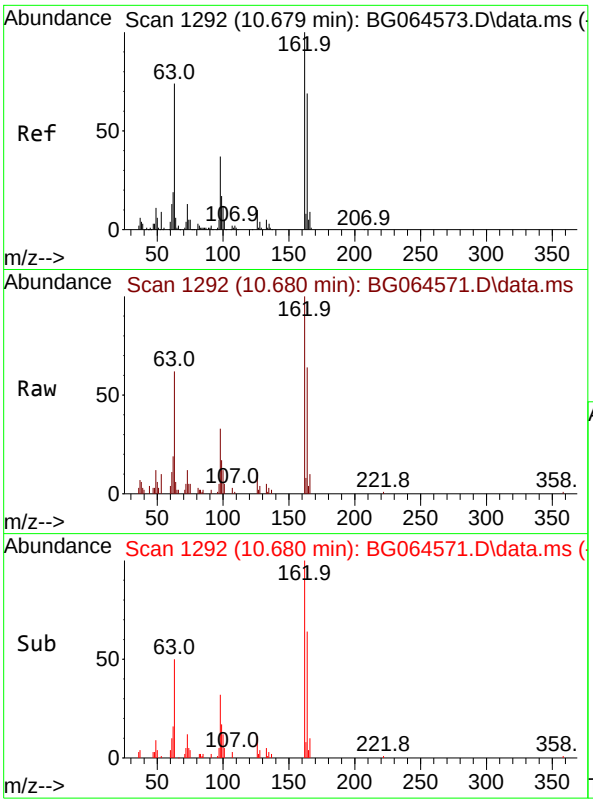


#28
bis(2-Chloroethoxy)methane
Concen: 10.197 ng
RT: 10.433 min Scan# 1250
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion: 93 Resp: 35170

Ion	Ratio	Lower	Upper
93	100		
95	33.2	25.4	38.2
123	11.0	8.4	12.6



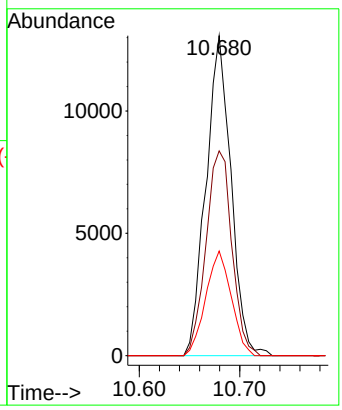


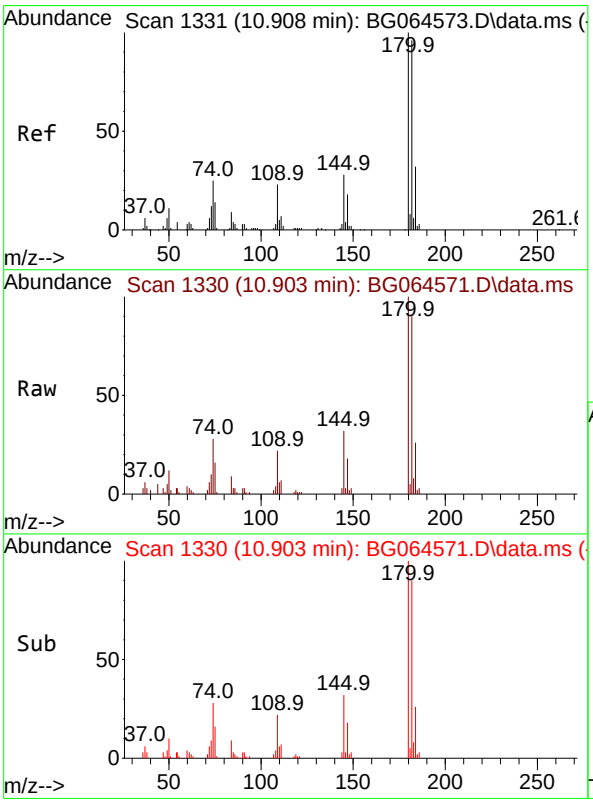
#29
2,4-Dichlorophenol
Concen: 9.338 ng
RT: 10.680 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 22643

Ion	Ratio	Lower	Upper
162	100		
164	64.0	48.7	88.7
98	32.7	16.9	56.9

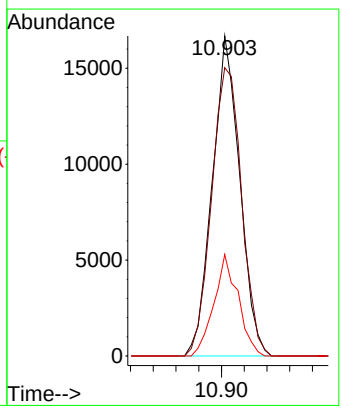


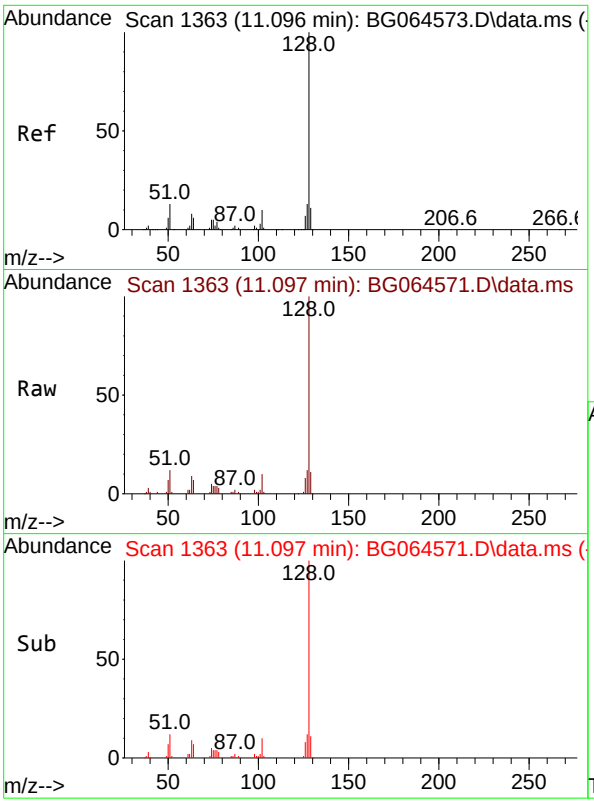


#30
1,2,4-Trichlorobenzene
Concen: 10.143 ng
RT: 10.903 min Scan# 1330
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:180 Resp: 27947

Ion	Ratio	Lower	Upper
180	100		
182	90.1	76.9	115.3
145	31.7	22.1	33.1



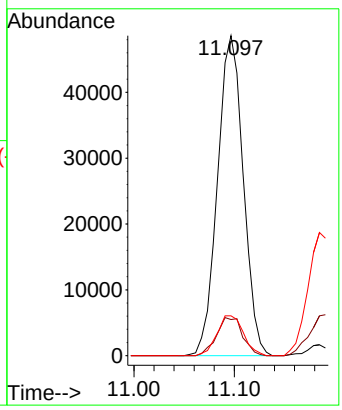


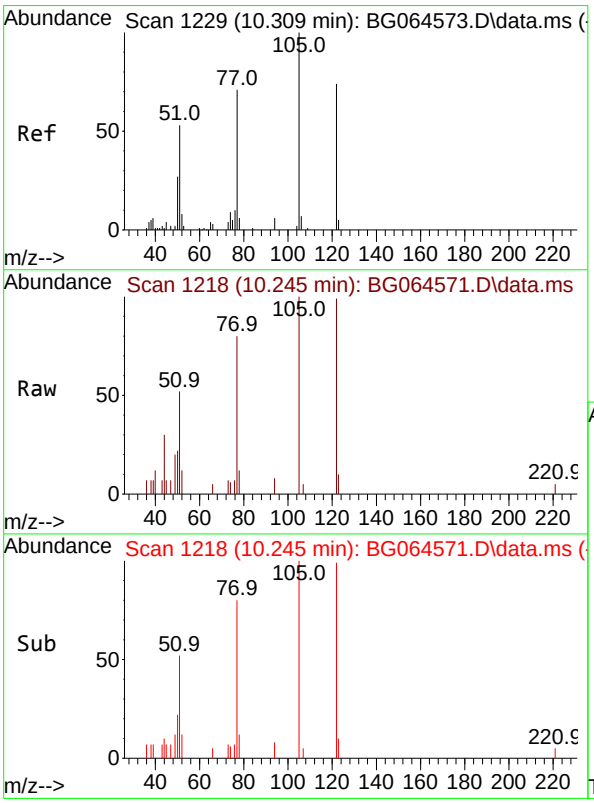
#31
Naphthalene
Concen: 10.319 ng
RT: 11.097 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:128 Resp: 86750

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	12.4	10.6	15.8

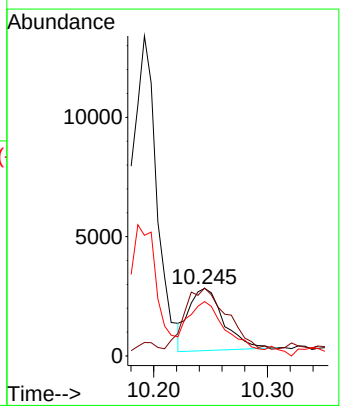


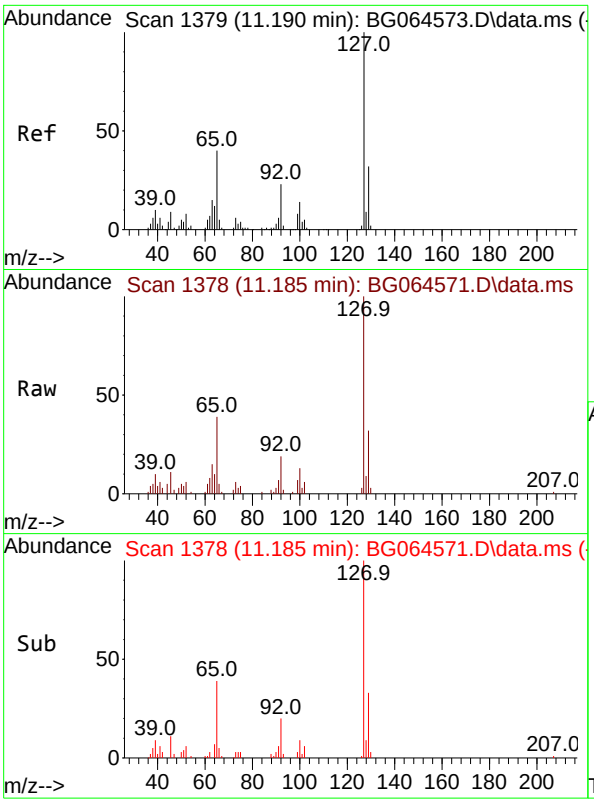


#32
Benzoic acid
Concen: 7.849 ng
RT: 10.245 min Scan# 1218
Delta R.T. -0.064 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:122 Resp: 5563

Ion	Ratio	Lower	Upper
122	100		
105	100.8	104.2	144.2#
77	80.6	70.2	110.2



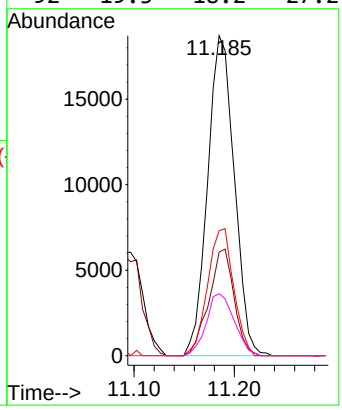


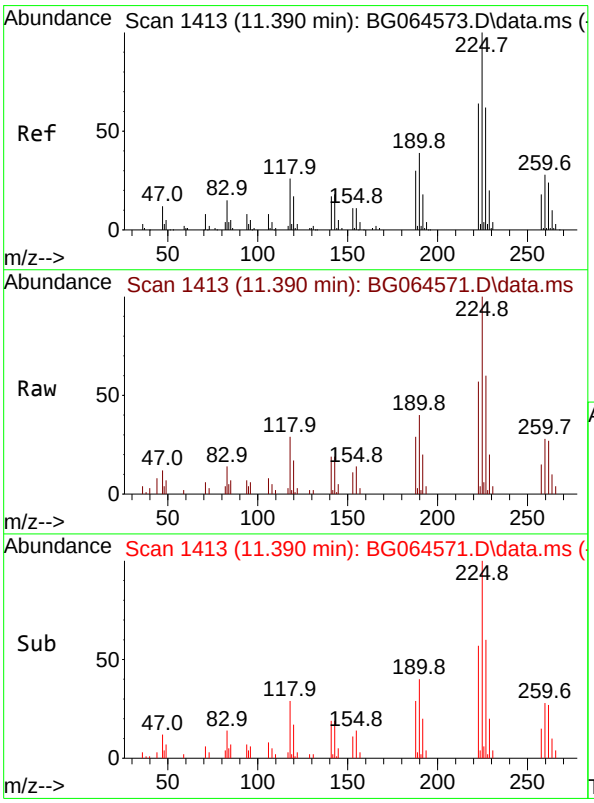
#33
4-Chloroaniline
Concen: 10.583 ng
RT: 11.185 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:127 Resp: 34581

Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.5	38.3
65	39.1	32.2	48.4
92	19.3	18.2	27.2

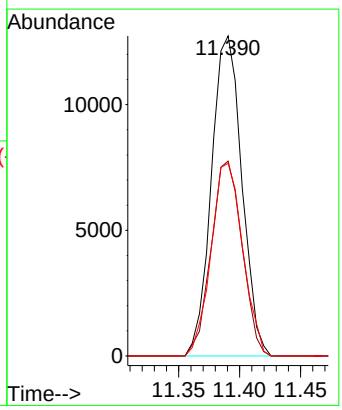


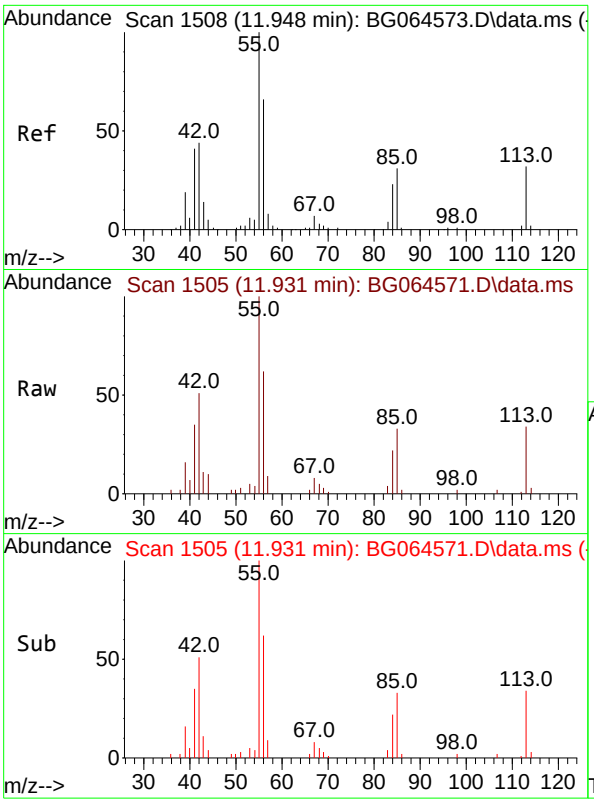


#34
Hexachlorobutadiene
Concen: 10.256 ng
RT: 11.390 min Scan# 1413
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:225 Resp: 22099

Ion	Ratio	Lower	Upper
225	100		
223	57.6	48.8	73.2
227	57.0	49.5	74.3



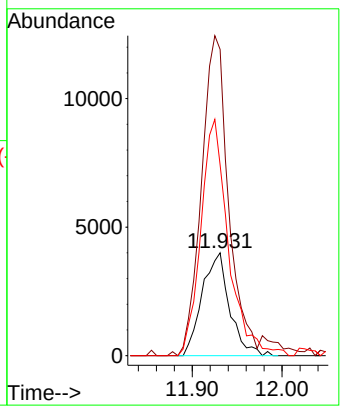


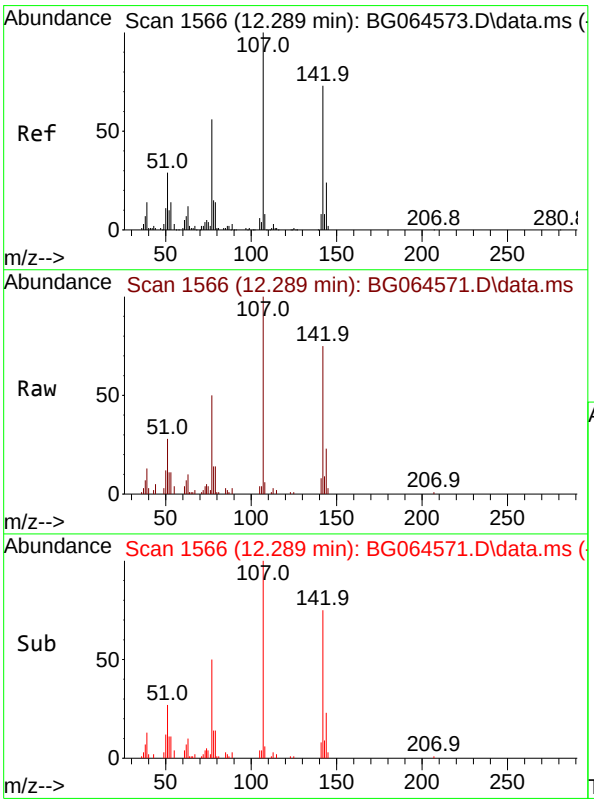
#35
Caprolactam
Concen: 9.162 ng
RT: 11.931 min Scan# 1
Delta R.T. -0.017 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:113 Resp: 8521

Ion	Ratio	Lower	Upper
113	100		
55	297.7	290.1	330.1
56	185.5	183.8	223.8

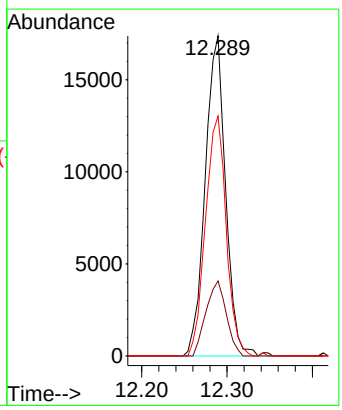


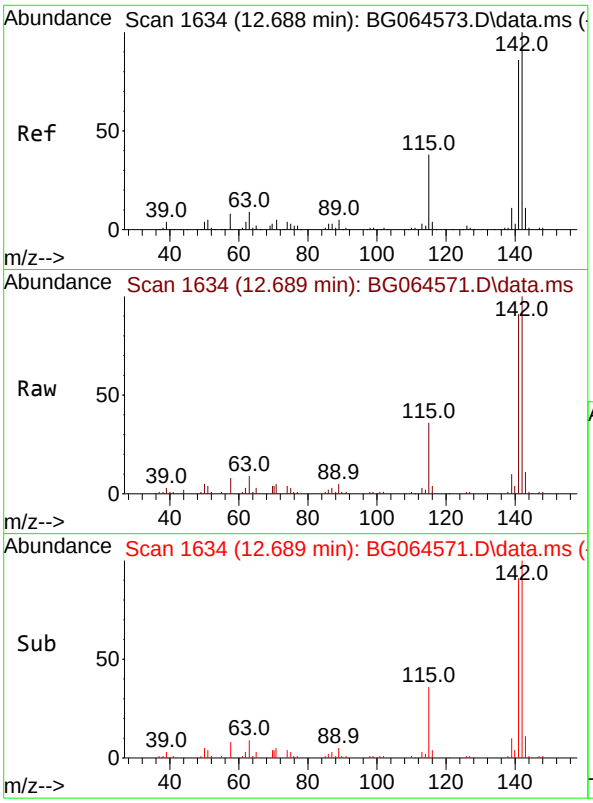


#36
4-Chloro-3-methylphenol
Concen: 9.916 ng
RT: 12.289 min Scan# 1566
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:107 Resp: 28904

Ion	Ratio	Lower	Upper
107	100		
144	23.5	19.1	28.7
142	74.9	58.6	87.8



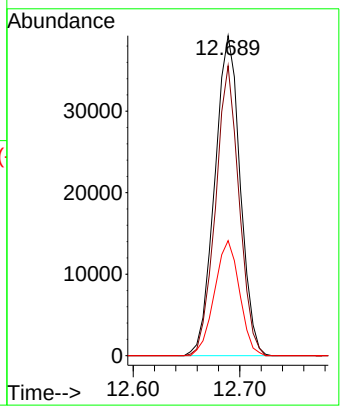


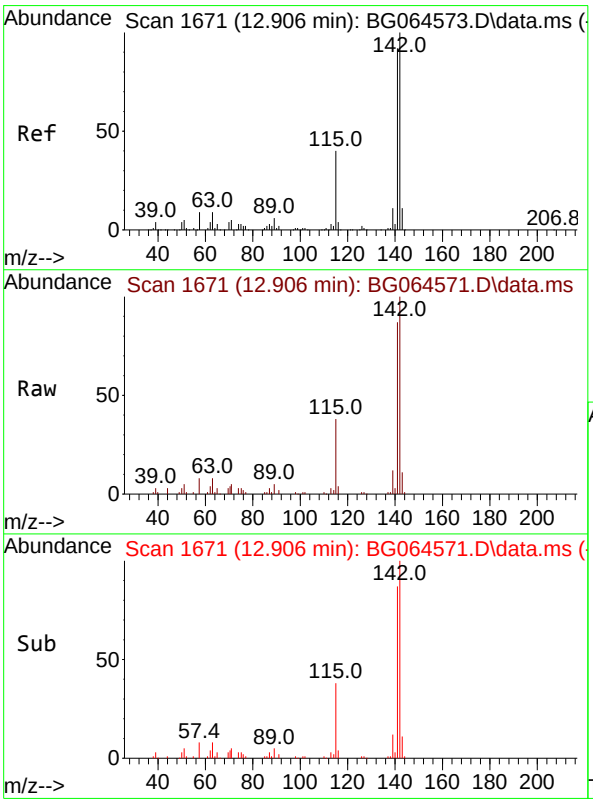
#37
2-Methylnaphthalene
Concen: 10.543 ng
RT: 12.689 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:142 Resp: 65070

Ion	Ratio	Lower	Upper
142	100		
141	90.6	68.9	103.3
115	36.0	30.6	46.0

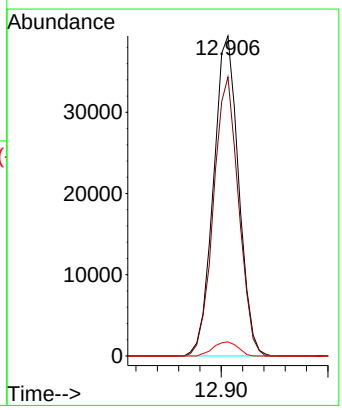


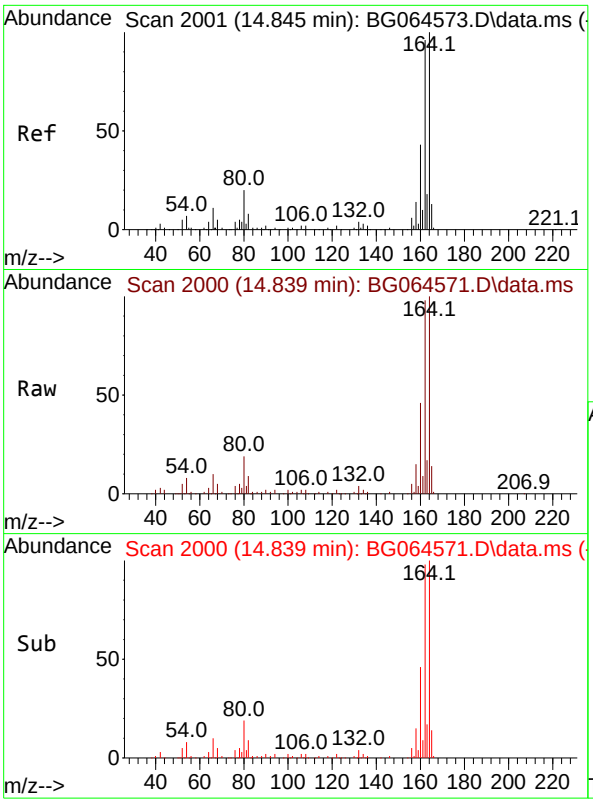


#38
1-Methylnaphthalene
Concen: 10.540 ng
RT: 12.906 min Scan# 1671
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:142 Resp: 64384

Ion	Ratio	Lower	Upper
142	100		
141	87.2	73.3	109.9
116	4.4	3.1	4.7



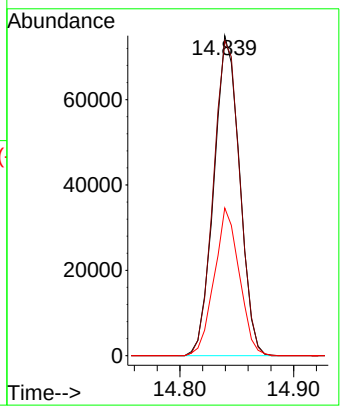


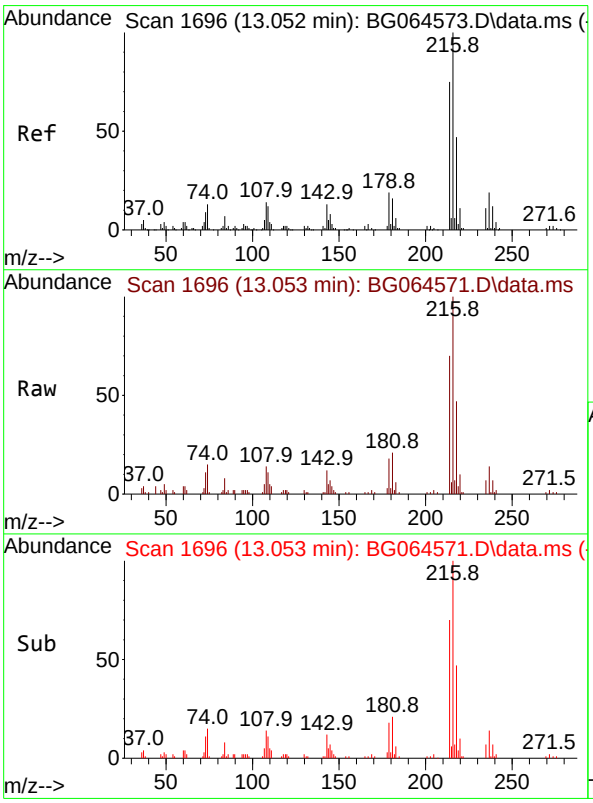
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.839 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:164 Resp: 117618

Ion	Ratio	Lower	Upper
164	100		
162	98.4	77.0	115.6
160	46.2	34.4	51.6

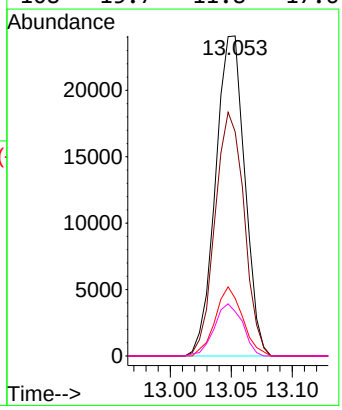


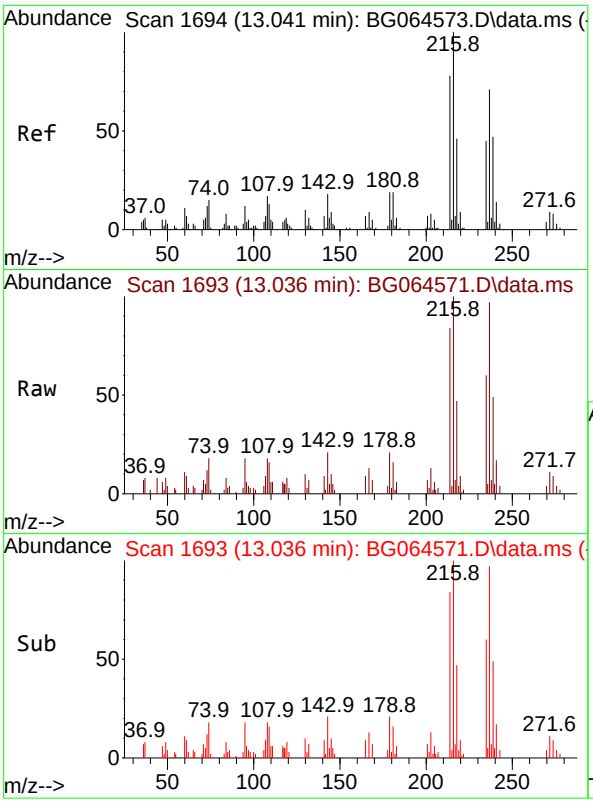


#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.197 ng
RT: 13.053 min Scan# 1696
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:216 Resp: 40253

Ion	Ratio	Lower	Upper
216	100		
214	75.7	61.4	92.2
179	20.2	15.4	23.0
108	15.7	11.8	17.6



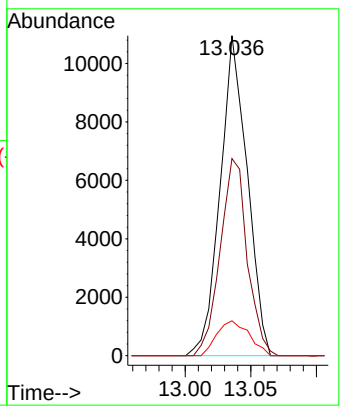


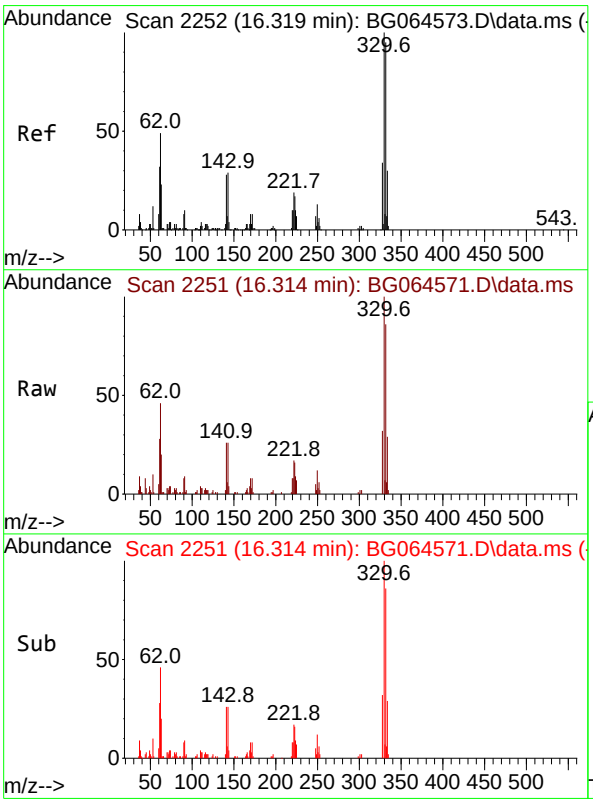
#41
Hexachlorocyclopentadiene
Concen: 8.855 ng
RT: 13.036 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:237 Resp: 15733

Ion	Ratio	Lower	Upper
237	100		
235	61.6	44.1	84.1
272	10.9	0.0	32.4

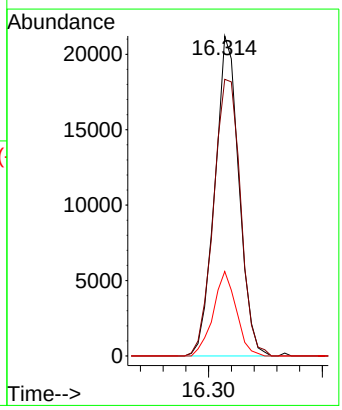


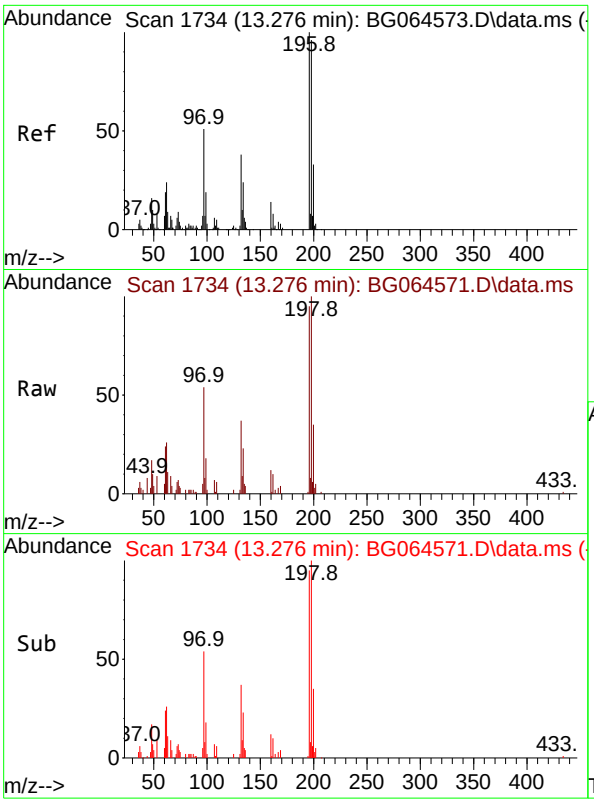


#42
2,4,6-Tribromophenol
Concen: 18.400 ng
RT: 16.314 min Scan# 2251
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:330 Resp: 31236

Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.0	117.0
141	25.2	21.8	32.6



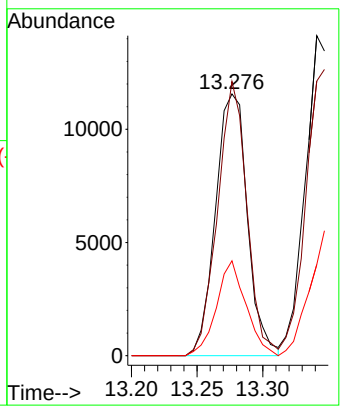


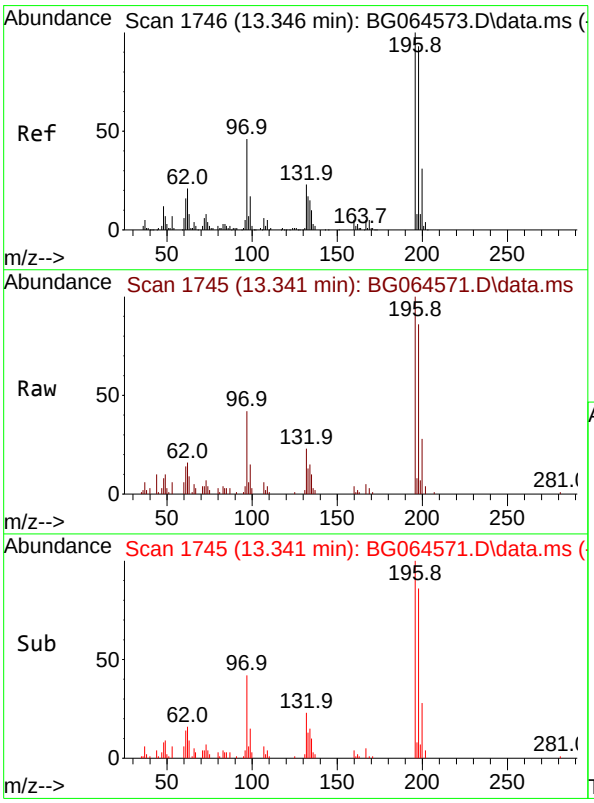
#43
2,4,6-Trichlorophenol
Concen: 8.673 ng
RT: 13.276 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:196 Resp: 19584

Ion	Ratio	Lower	Upper
196	100		
198	104.8	76.6	115.0
200	36.2	26.0	39.0

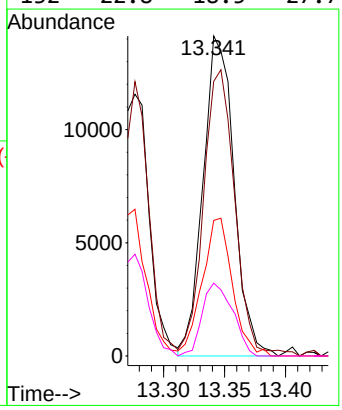


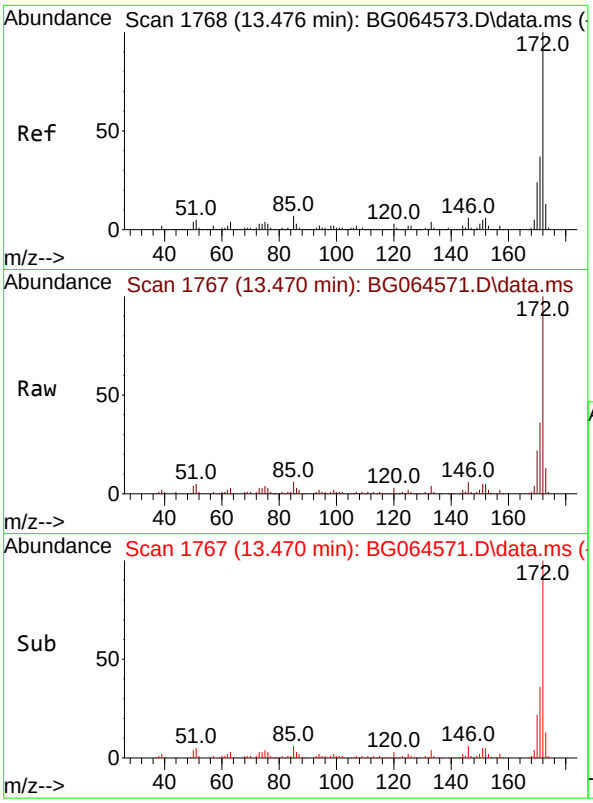


#44
2,4,5-Trichlorophenol
Concen: 9.584 ng
RT: 13.341 min Scan# 1745
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:196 Resp: 24973

Ion	Ratio	Lower	Upper
196	100		
198	85.8	74.2	111.4
97	42.4	37.0	55.6
132	22.8	18.5	27.7



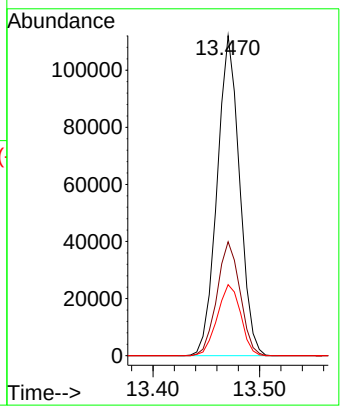


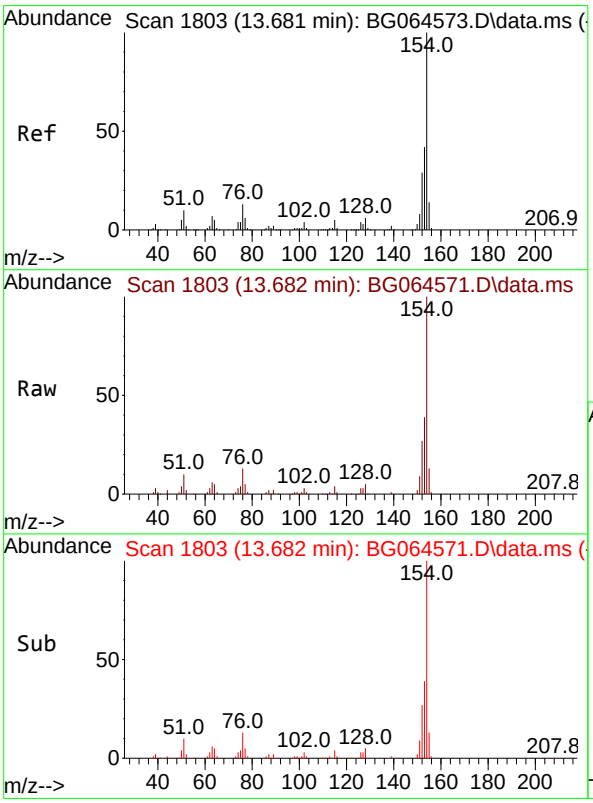
#45
2-Fluorobiphenyl
Concen: 21.050 ng
RT: 13.470 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:172 Resp: 163340

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.4	44.0
170	22.2	19.1	28.7

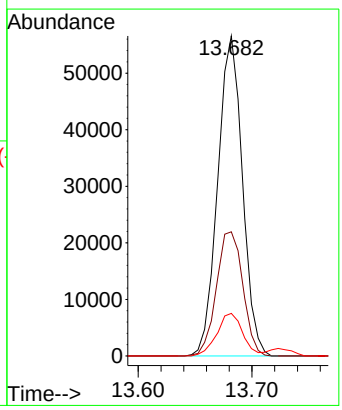


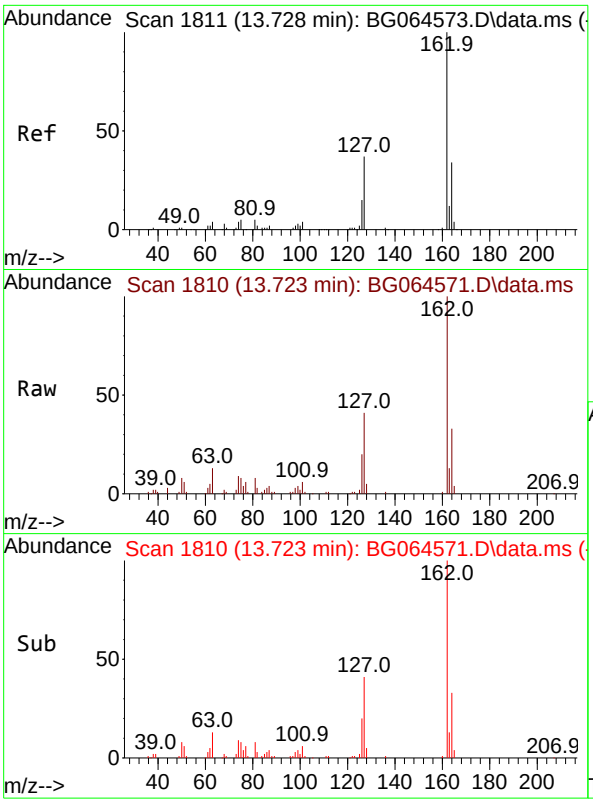


#46
1,1'-Biphenyl
Concen: 10.200 ng
RT: 13.682 min Scan# 1803
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:154 Resp: 85287

Ion	Ratio	Lower	Upper
154	100		
153	38.8	22.4	62.4
76	13.3	0.0	33.5



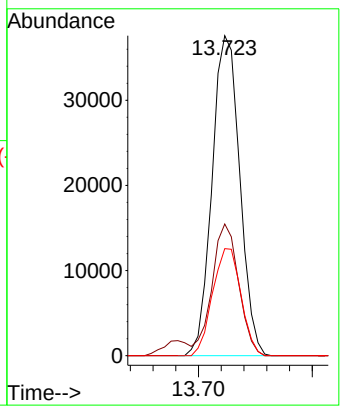


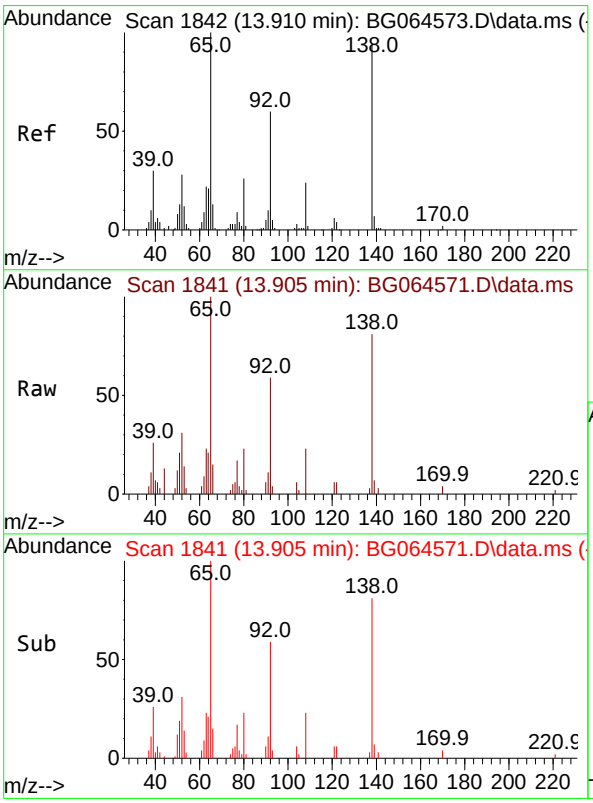
#47
2-Chloronaphthalene
Concen: 10.081 ng
RT: 13.723 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 63631

Ion	Ratio	Lower	Upper
162	100		
127	41.2	32.2	48.2
164	33.4	27.5	41.3

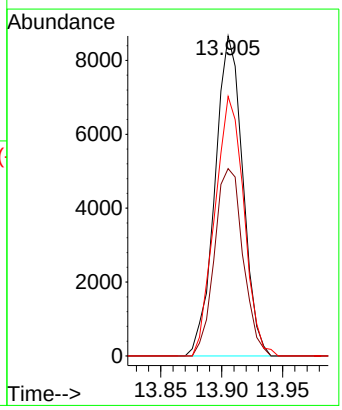


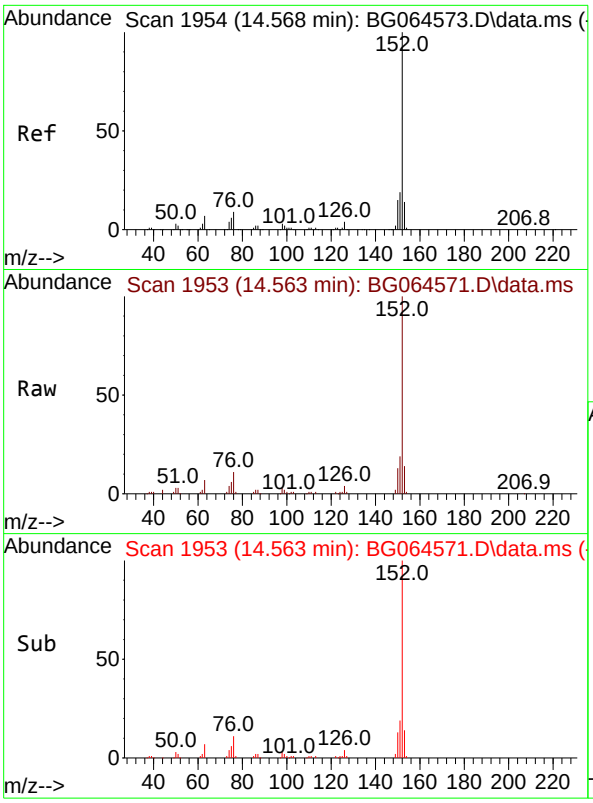


#48
2-Nitroaniline
Concen: 9.284 ng
RT: 13.905 min Scan# 1841
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion: 65 Resp: 13764

Ion	Ratio	Lower	Upper
65	100		
92	58.5	48.3	72.5
138	81.1	74.9	112.3



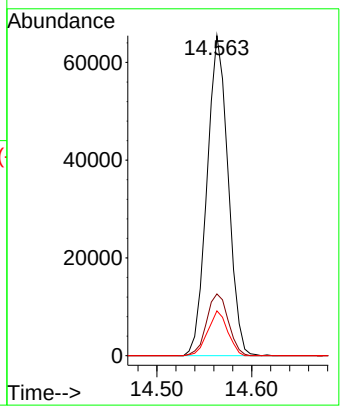


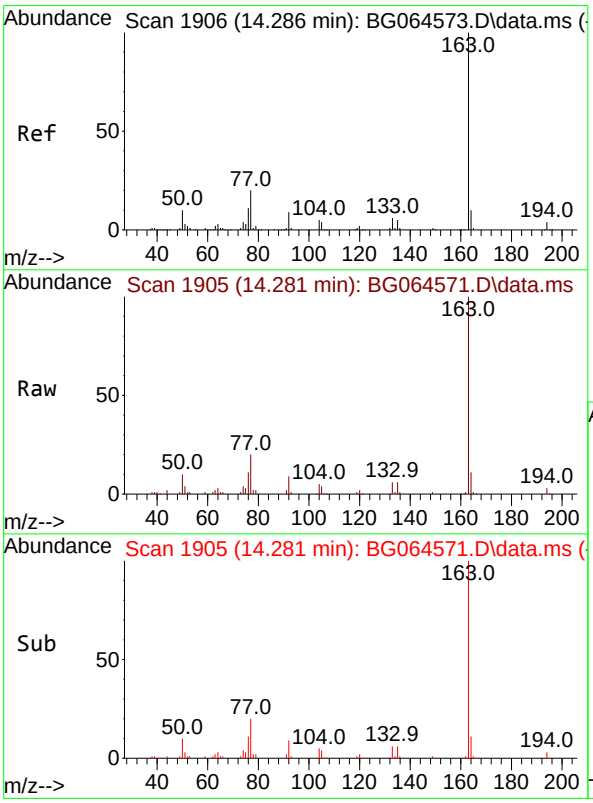
#49
Acenaphthylene
Concen: 10.198 ng
RT: 14.563 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 101526

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.2
153	14.0	11.0	16.4

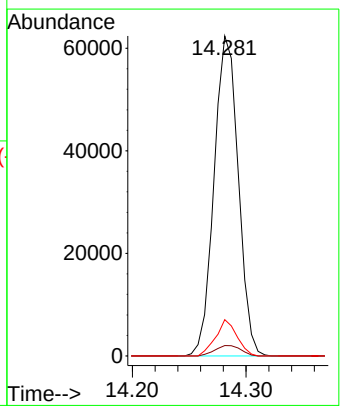


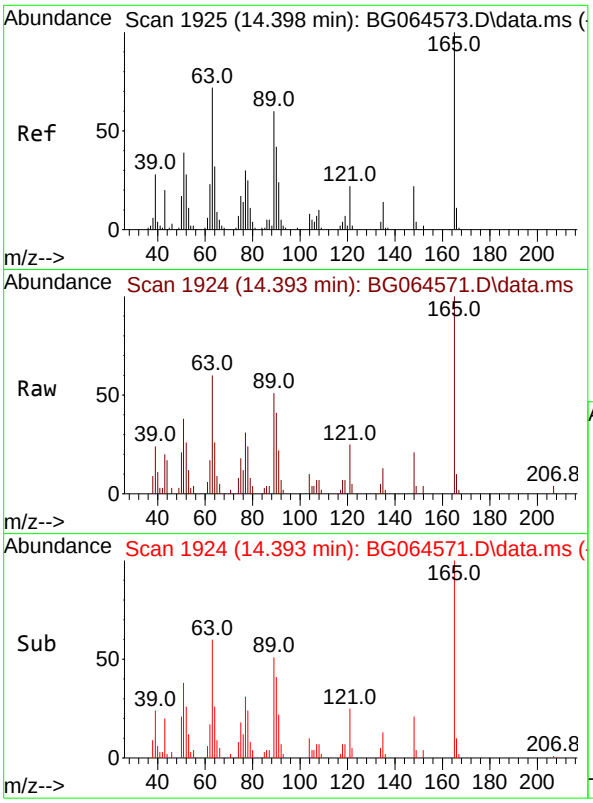


#50
Dimethylphthalate
Concen: 10.256 ng
RT: 14.281 min Scan# 1905
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:163 Resp: 92308

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	11.3	7.7	11.5



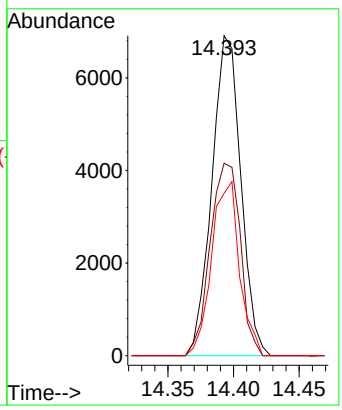


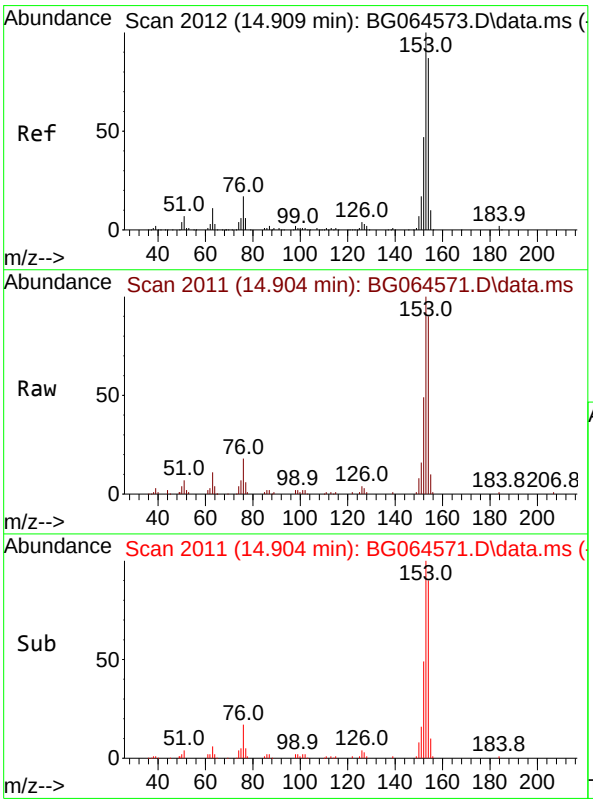
#51
2,6-Dinitrotoluene
Concen: 9.857 ng
RT: 14.393 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 10601

Ion	Ratio	Lower	Upper
165	100		
63	60.2	57.4	86.0
89	50.8	47.8	71.8

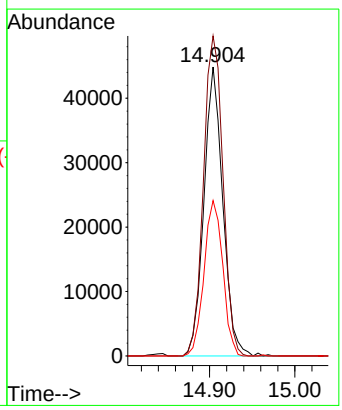


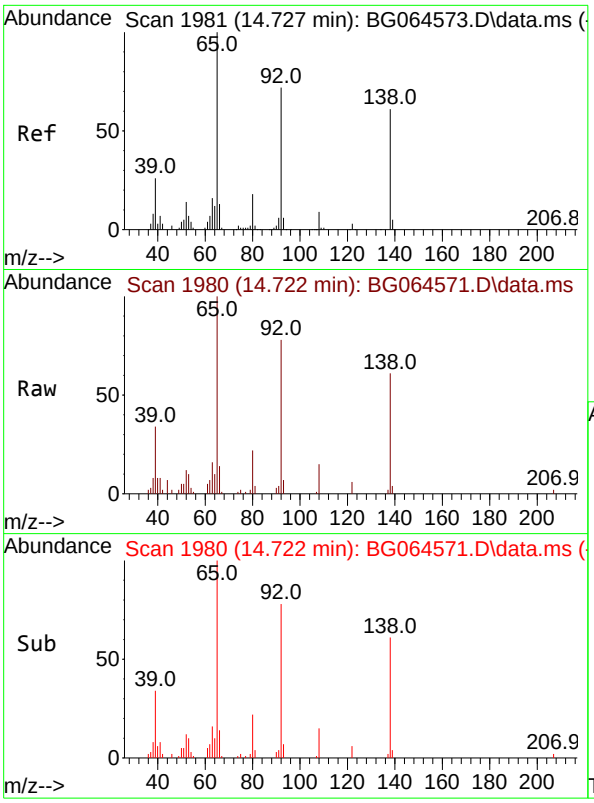


#52
Acenaphthene
Concen: 10.184 ng
RT: 14.904 min Scan# 2011
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:154 Resp: 69273

Ion	Ratio	Lower	Upper
154	100		
153	110.8	92.2	138.4
152	53.8	43.2	64.8



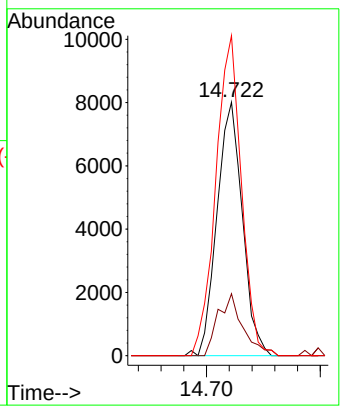


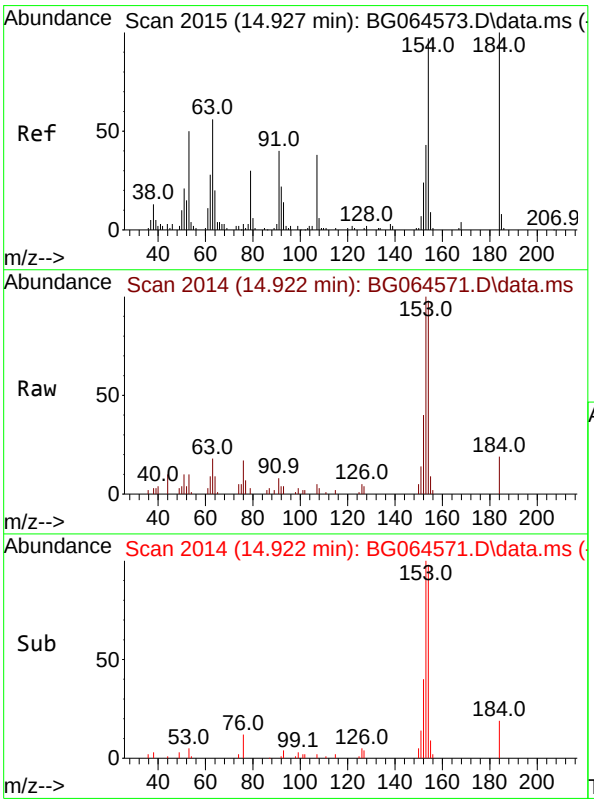
#53
3-Nitroaniline
Concen: 8.026 ng
RT: 14.722 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:138 Resp: 12414

Ion	Ratio	Lower	Upper
138	100		
108	24.4	11.4	17.0#
92	126.2	95.3	142.9

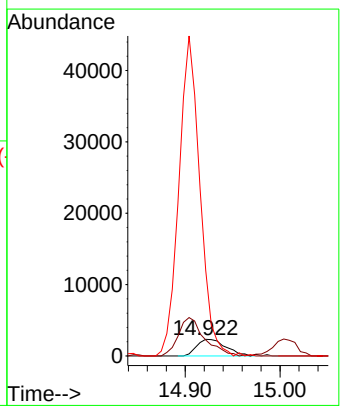


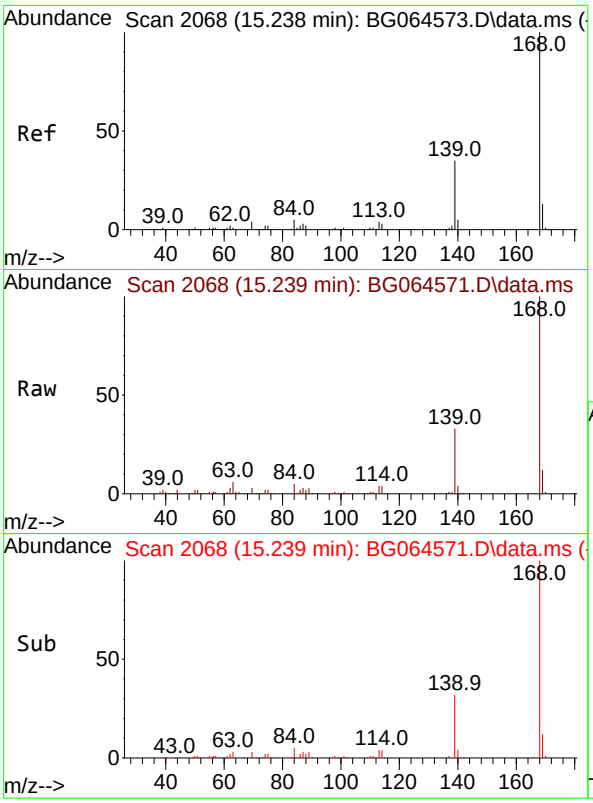


#54
2,4-Dinitrophenol
Concen: 10.760 ng
RT: 14.922 min Scan# 2014
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:184 Resp: 5082

Ion	Ratio	Lower	Upper
184	100		
63	95.9	56.6	85.0#
154	514.8	158.6	238.0#



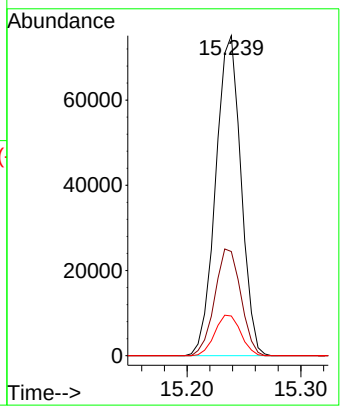


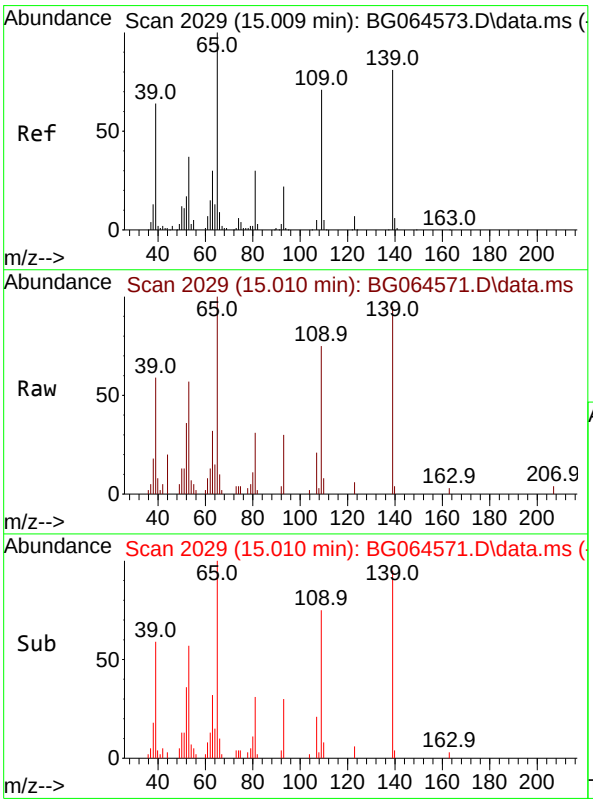
#55
Dibenzofuran
Concen: 10.548 ng
RT: 15.239 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:168 Resp: 115990

Ion	Ratio	Lower	Upper
168	100		
139	32.6	27.8	41.8
169	12.4	10.3	15.5

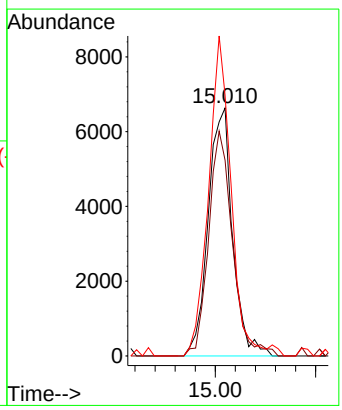


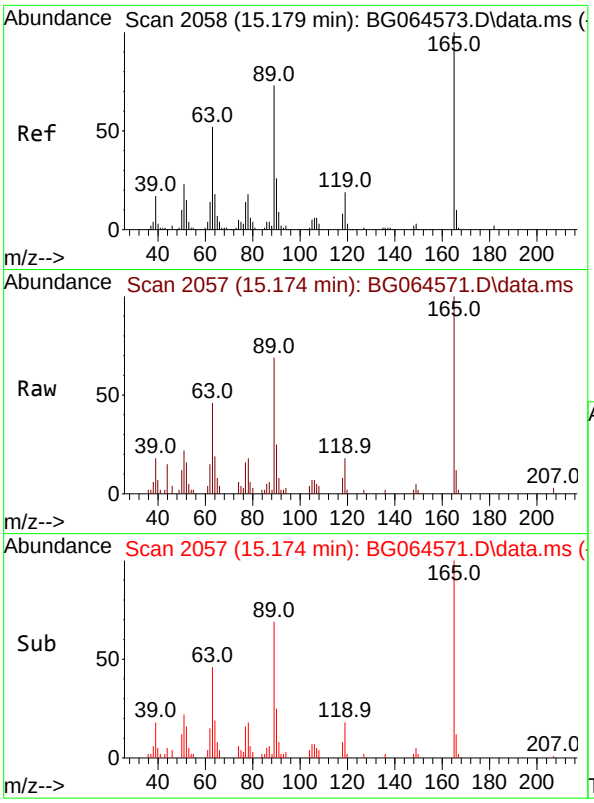


#56
4-Nitrophenol
Concen: 7.815 ng
RT: 15.010 min Scan# 2029
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:139 Resp: 11207

Ion	Ratio	Lower	Upper
139	100		
109	78.9	67.8	107.8
65	105.0	103.7	143.7



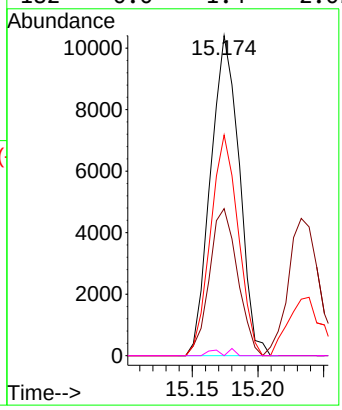


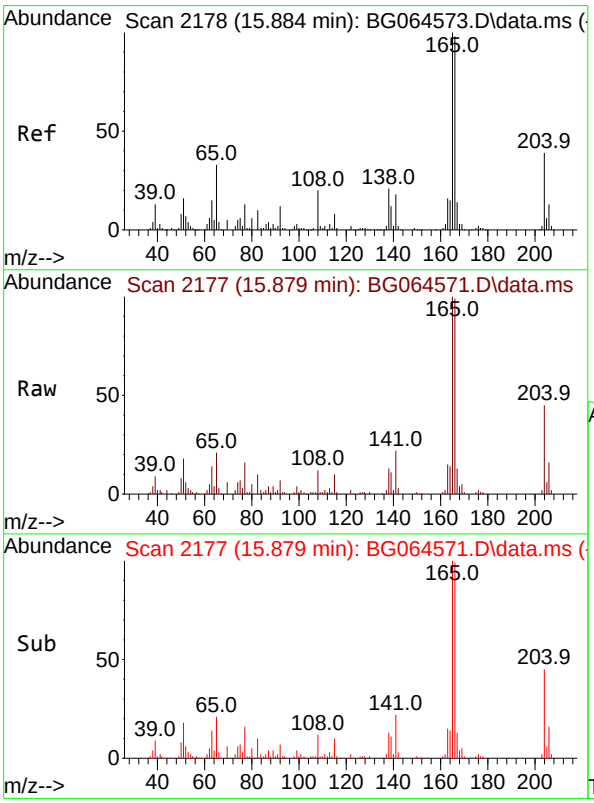
#57
2,4-Dinitrotoluene
Concen: 9.494 ng
RT: 15.174 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 15797

Ion	Ratio	Lower	Upper
165	100		
63	45.9	41.8	62.8
89	68.9	58.1	87.1
182	0.0	1.4	2.0#

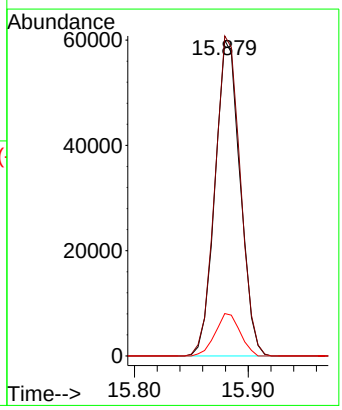


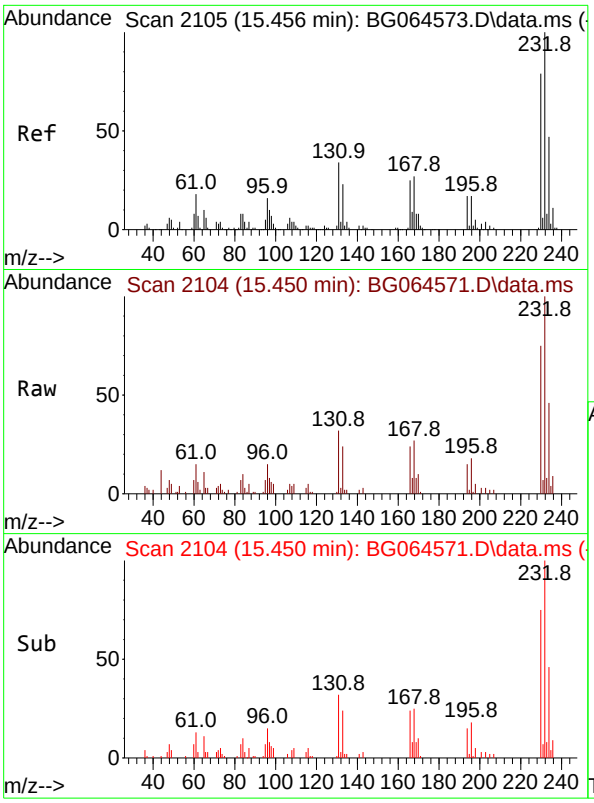


#58
Fluorene
Concen: 10.679 ng
RT: 15.879 min Scan# 2177
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:166 Resp: 91712

Ion	Ratio	Lower	Upper
166	100		
165	101.4	81.5	122.3
167	13.4	11.4	17.0



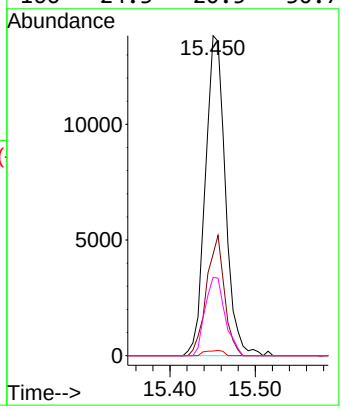


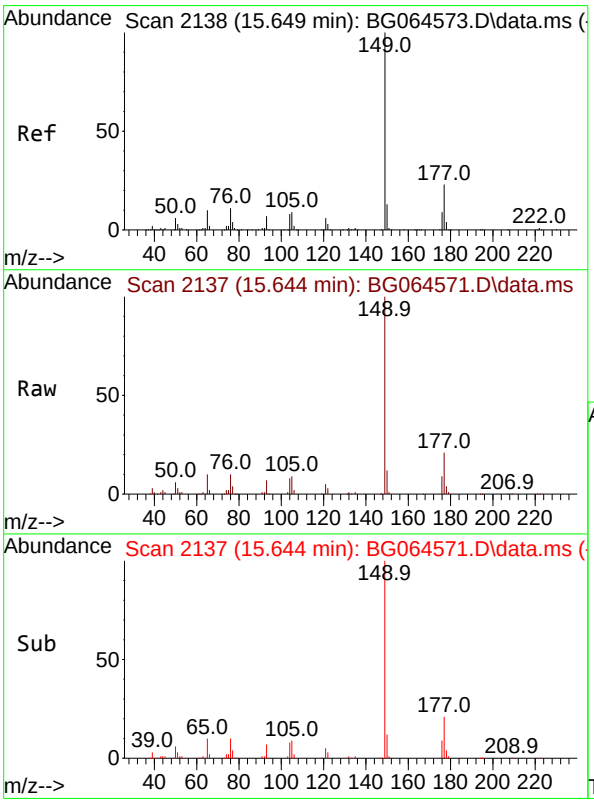
#59
2,3,4,6-Tetrachlorophenol
Concen: 9.088 ng
RT: 15.450 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:232 Resp: 22645

Ion	Ratio	Lower	Upper
232	100		
131	33.5	26.7	40.1
130	1.5	1.6	2.4#
166	24.3	20.5	30.7

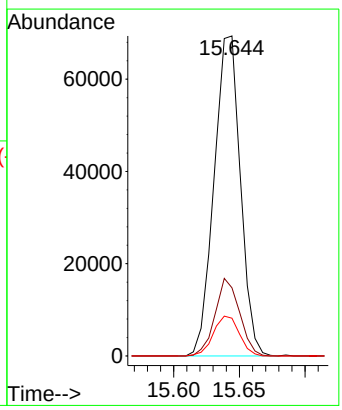


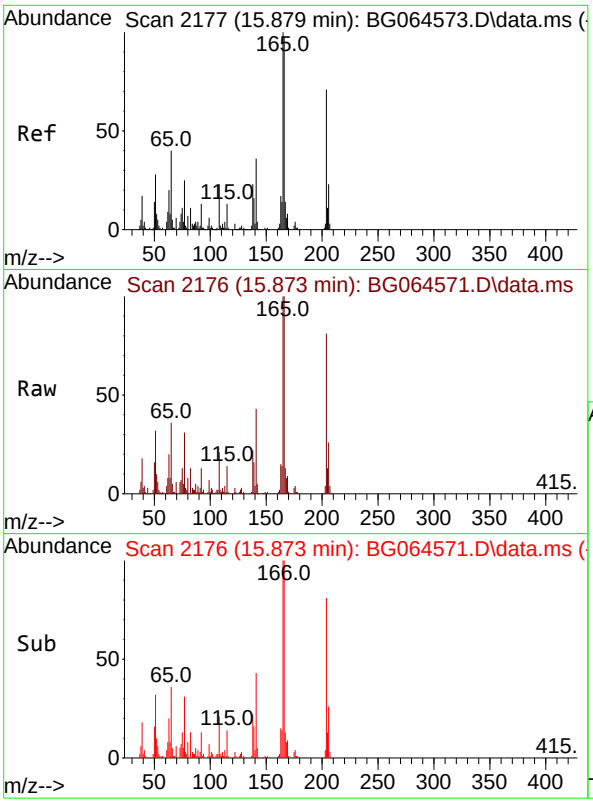


#60
Diethylphthalate
Concen: 10.525 ng
RT: 15.644 min Scan# 2137
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:149 Resp: 96719

Ion	Ratio	Lower	Upper
149	100		
177	21.3	18.0	27.0
150	11.8	10.2	15.4



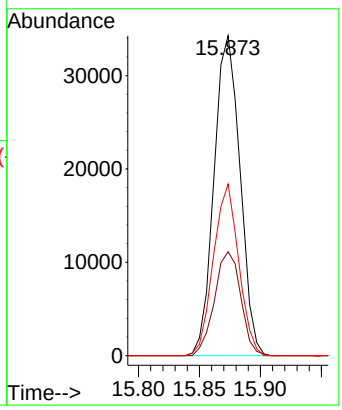


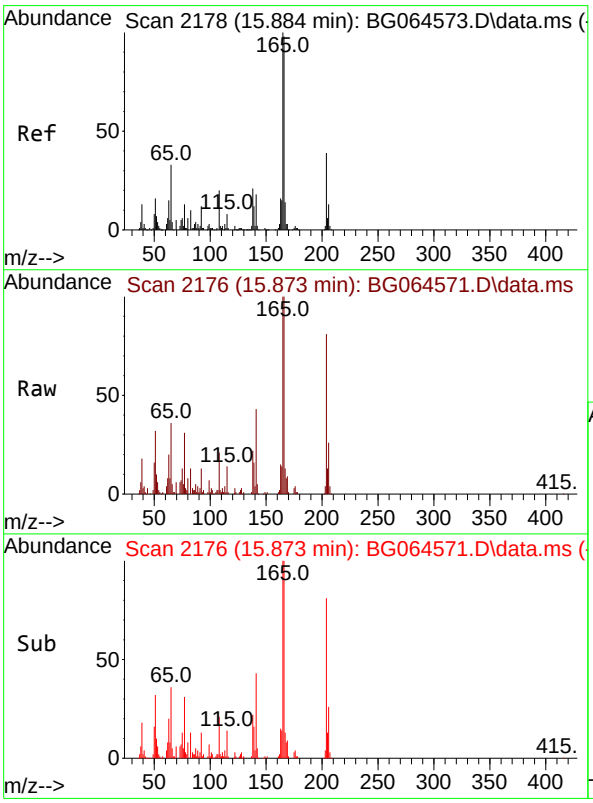
#61
4-Chlorophenyl-phenylether
Concen: 10.544 ng
RT: 15.873 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:204 Resp: 50818

Ion	Ratio	Lower	Upper
204	100		
206	32.5	25.6	38.4
141	53.7	40.6	60.8

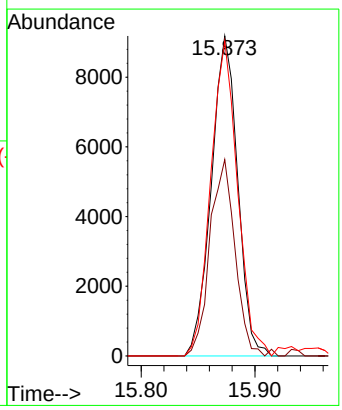


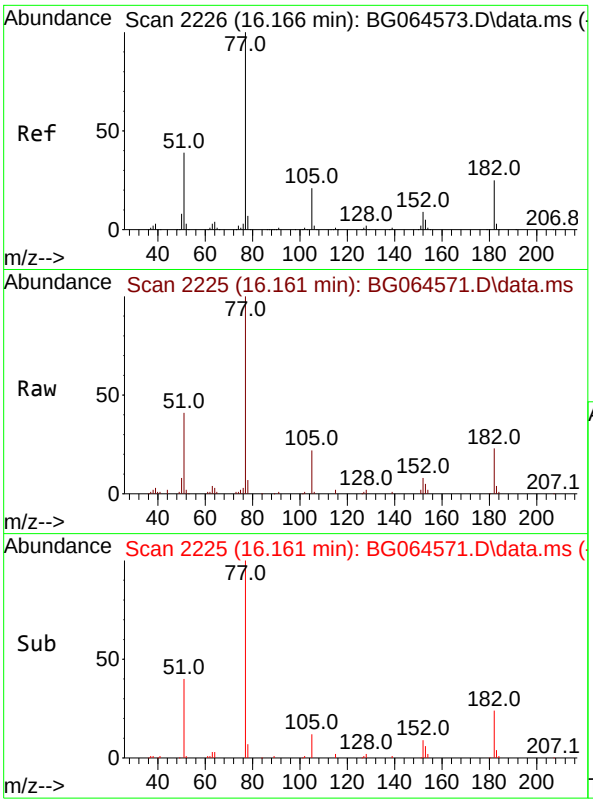


#62
4-Nitroaniline
Concen: 8.612 ng
RT: 15.873 min Scan# 2176
Delta R.T. -0.011 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:138 Resp: 14819

Ion	Ratio	Lower	Upper
138	100		
92	61.4	36.1	76.1
108	98.5	75.6	115.6



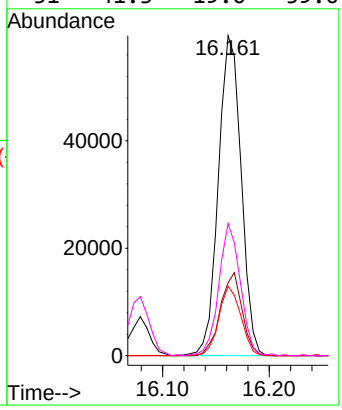


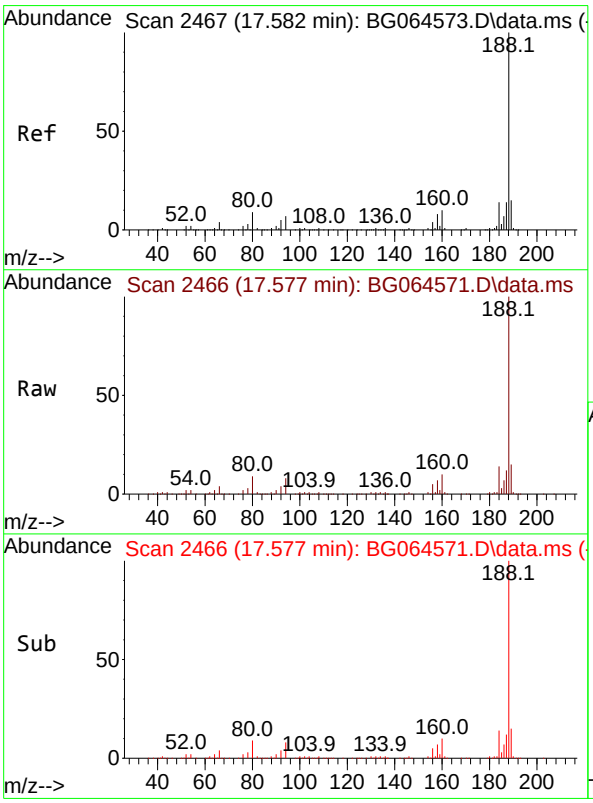
#63
Azobenzene
Concen: 10.489 ng
RT: 16.161 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 88441

Ion	Ratio	Lower	Upper
77	100		
182	22.8	4.9	44.9
105	21.7	1.3	41.3
51	41.3	19.0	59.0

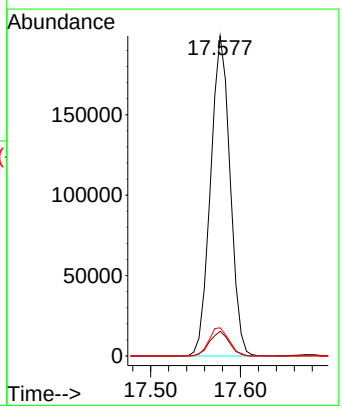


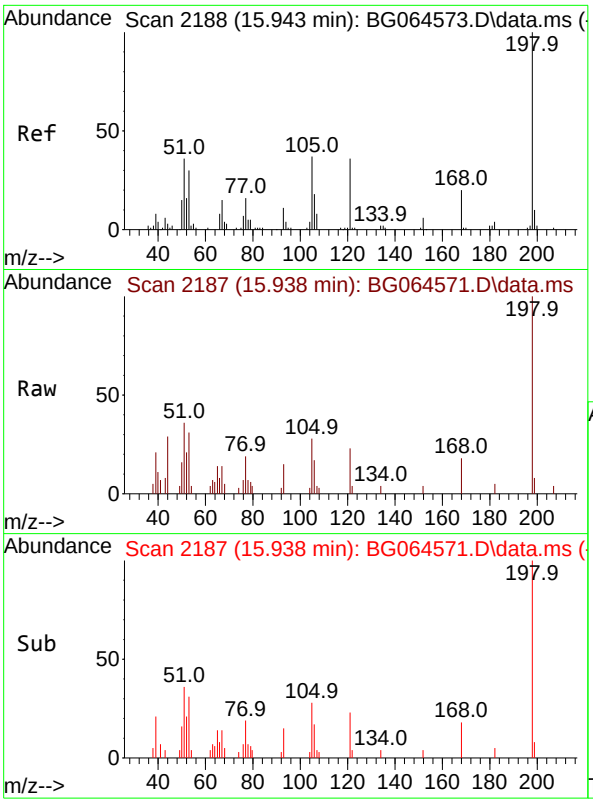


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.577 min Scan# 2466
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:188 Resp: 300549

Ion	Ratio	Lower	Upper
188	100		
94	7.7	5.7	8.5
80	8.8	6.8	10.2



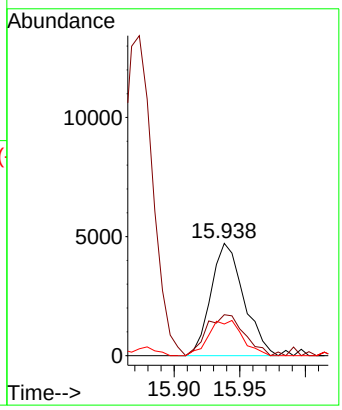


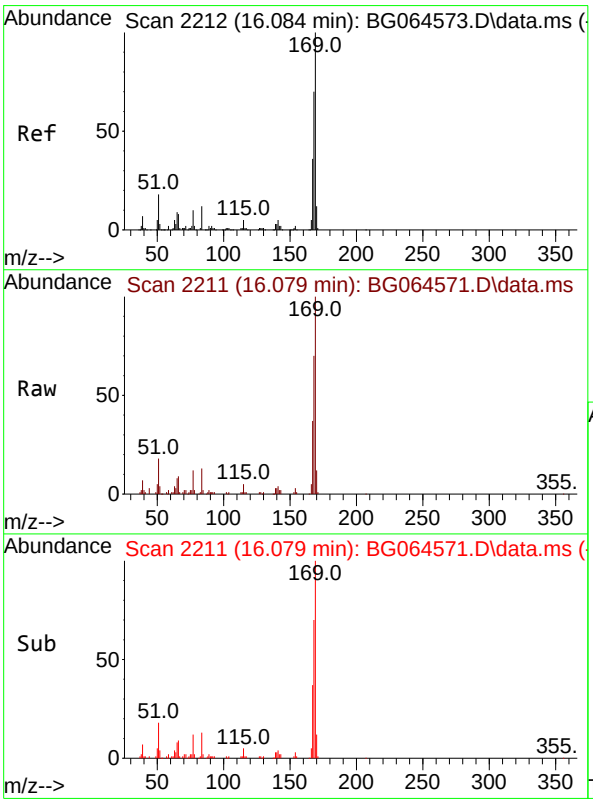
#65
4,6-Dinitro-2-methylphenol
Concen: 10.919 ng
RT: 15.938 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:198 Resp: 8190

Ion	Ratio	Lower	Upper
198	100		
51	36.4	24.7	64.7
105	28.3	18.0	58.0

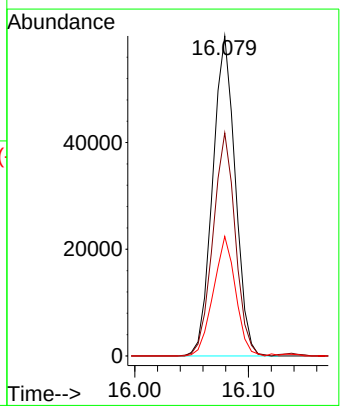


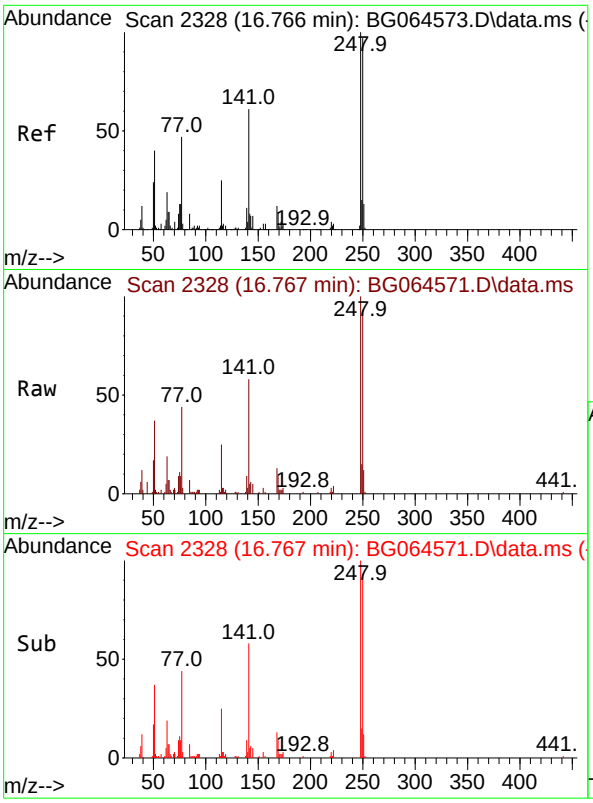


#66
n-Nitrosodiphenylamine
Concen: 10.197 ng
RT: 16.079 min Scan# 2211
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:169 Resp: 82787

Ion	Ratio	Lower	Upper
169	100		
168	69.7	56.3	84.5
167	37.4	29.0	43.6



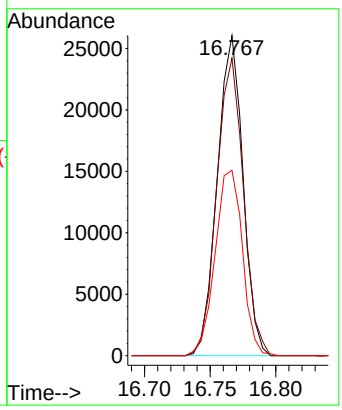


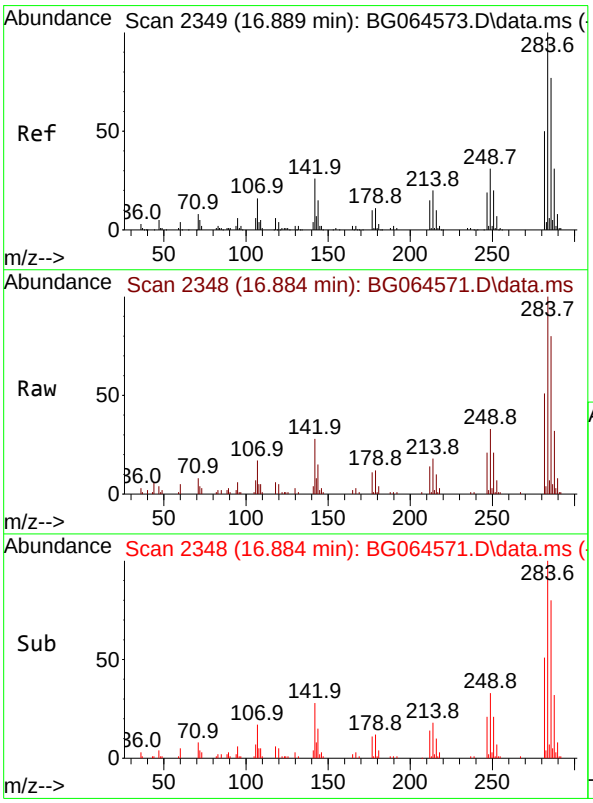
#67
4-Bromophenyl-phenylether
Concen: 9.949 ng
RT: 16.767 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:248 Resp: 35433

Ion	Ratio	Lower	Upper
248	100		
250	93.0	77.7	116.5
141	58.0	48.6	72.8

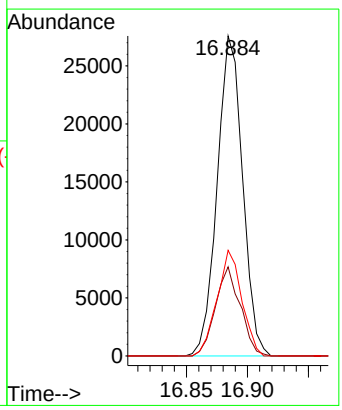


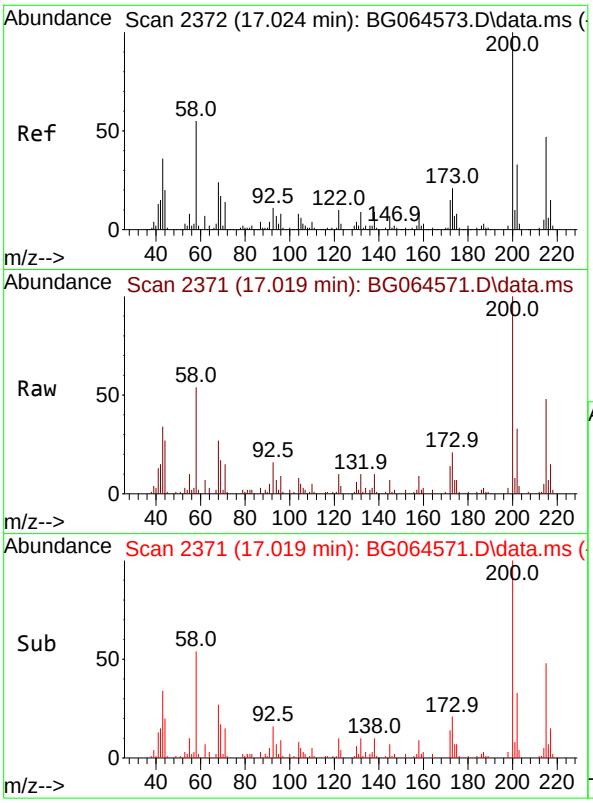


#68
Hexachlorobenzene
Concen: 9.838 ng
RT: 16.884 min Scan# 2348
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:284 Resp: 39975

Ion	Ratio	Lower	Upper
284	100		
142	27.8	21.0	31.6
249	35.9	24.9	37.3



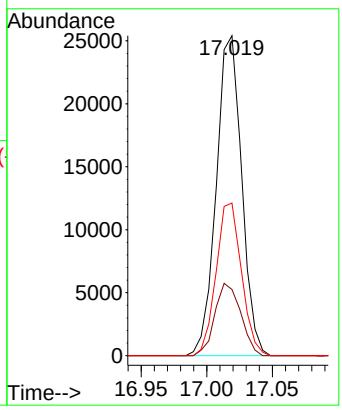


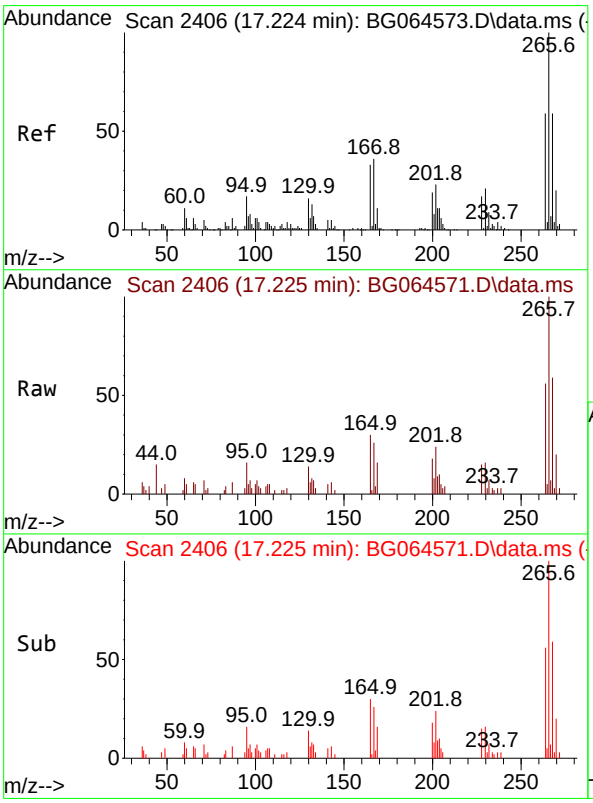
#69
Atrazine
Concen: 9.785 ng
RT: 17.019 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:200 Resp: 34185

Ion	Ratio	Lower	Upper
200	100		
173	20.7	0.9	40.9
215	47.7	27.0	67.0

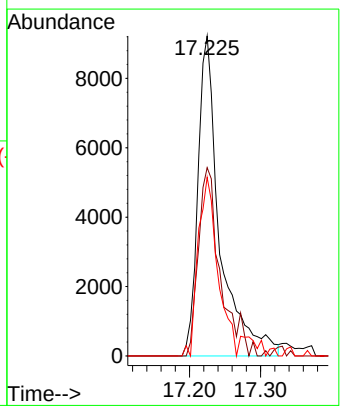


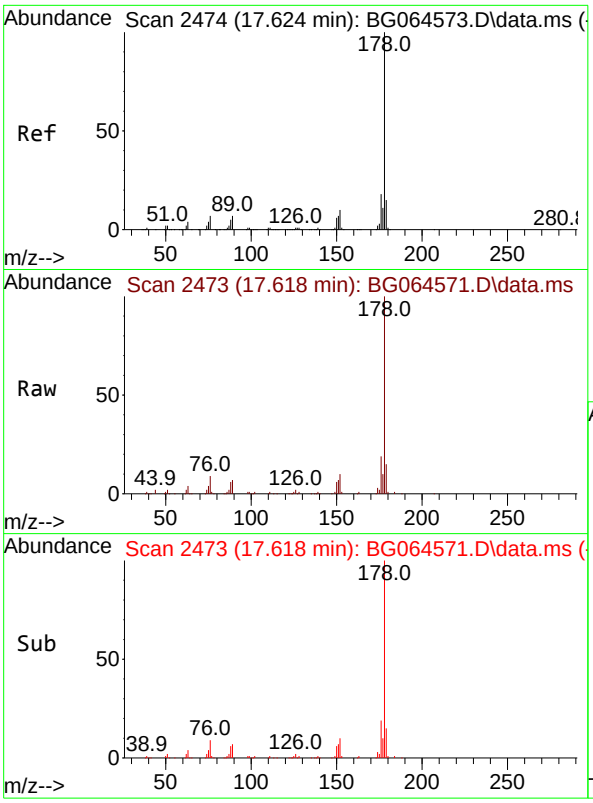


#70
Pentachlorophenol
Concen: 7.838 ng
RT: 17.225 min Scan# 2406
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:266 Resp: 19859

Ion	Ratio	Lower	Upper
266	100		
268	58.9	50.3	75.5
264	61.2	47.3	70.9



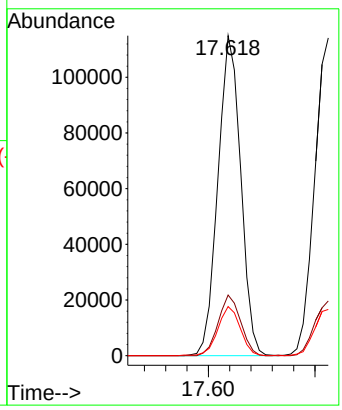


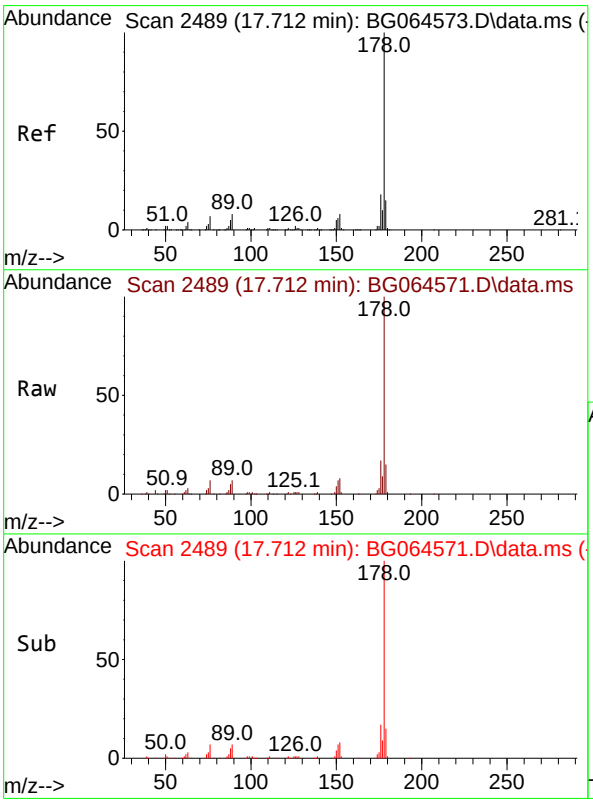
#71
Phenanthrene
Concen: 10.361 ng
RT: 17.618 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:178 Resp: 170294

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.7	22.1
179	15.4	12.2	18.4

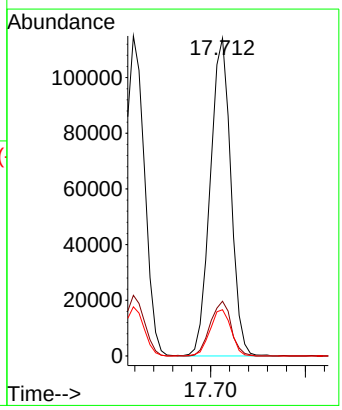


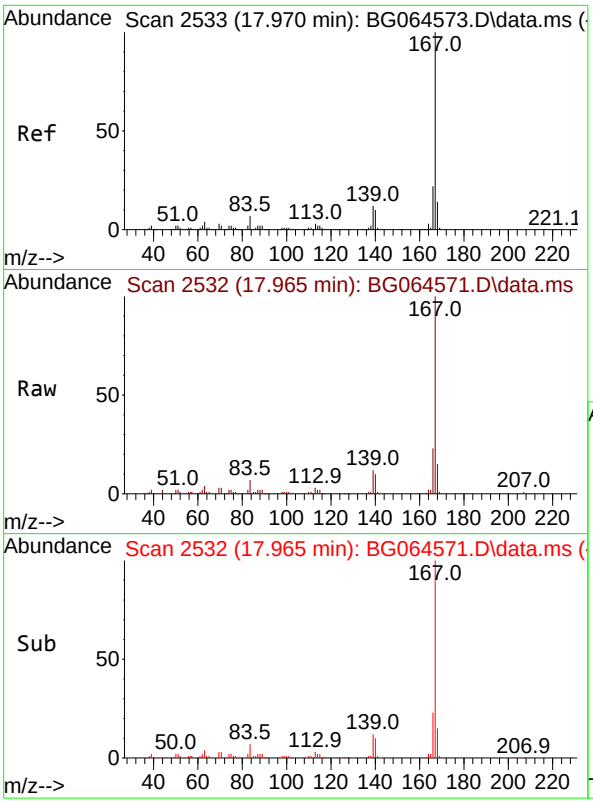


#72
Anthracene
Concen: 10.279 ng
RT: 17.712 min Scan# 2489
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:178 Resp: 171860

Ion	Ratio	Lower	Upper
178	100		
176	17.2	14.4	21.6
179	14.5	12.4	18.6



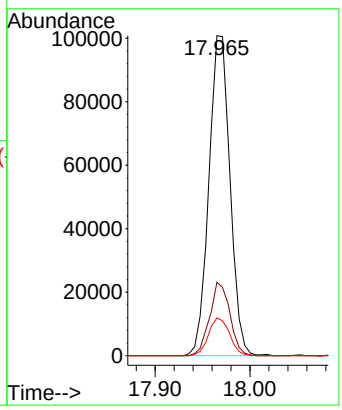


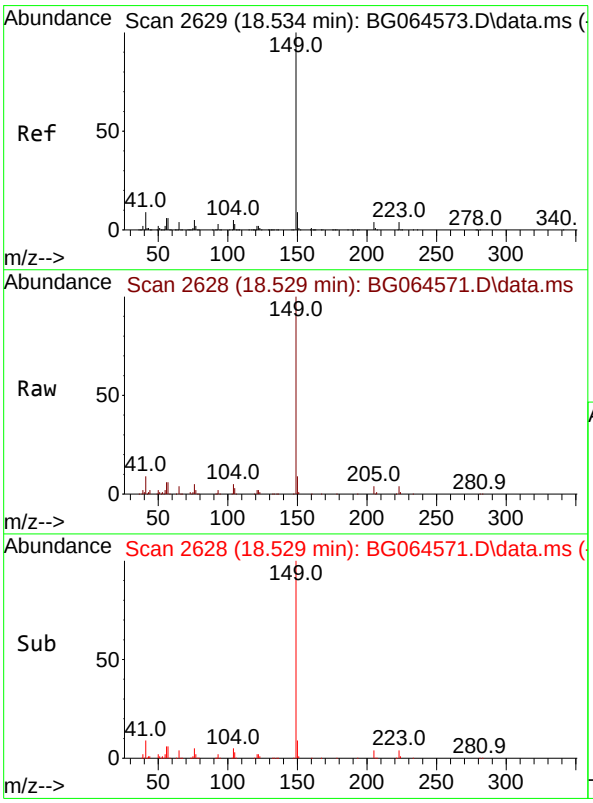
#73
Carbazole
Concen: 10.575 ng
RT: 17.965 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:167 Resp: 155907

Ion	Ratio	Lower	Upper
167	100		
166	23.0	17.9	26.9
139	11.8	9.7	14.5

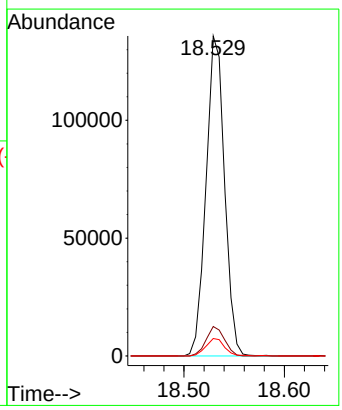


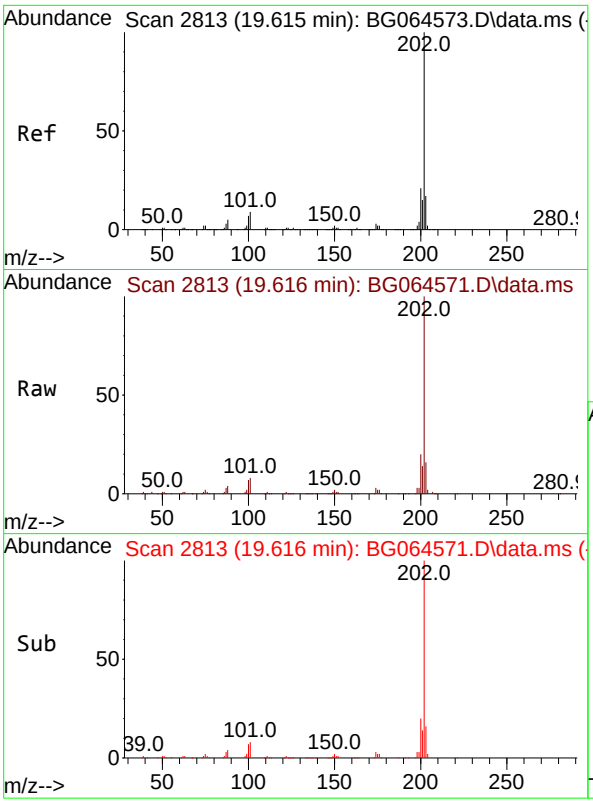


#74
Di-n-butylphthalate
Concen: 10.189 ng
RT: 18.529 min Scan# 2628
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:149 Resp: 173716

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.0	10.6
104	5.5	4.1	6.1



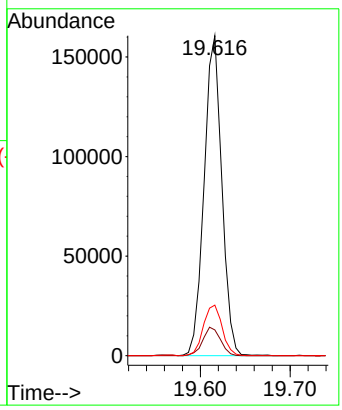


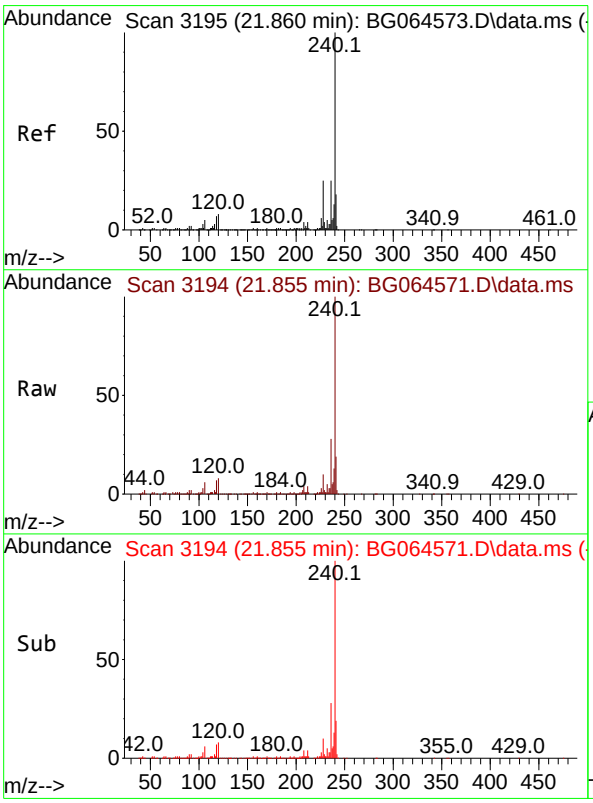
#75
Fluoranthene
Concen: 10.677 ng
RT: 19.616 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:202 Resp: 219838

Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	28.7
203	15.8	0.0	37.0

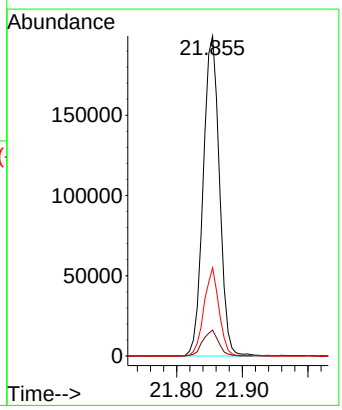


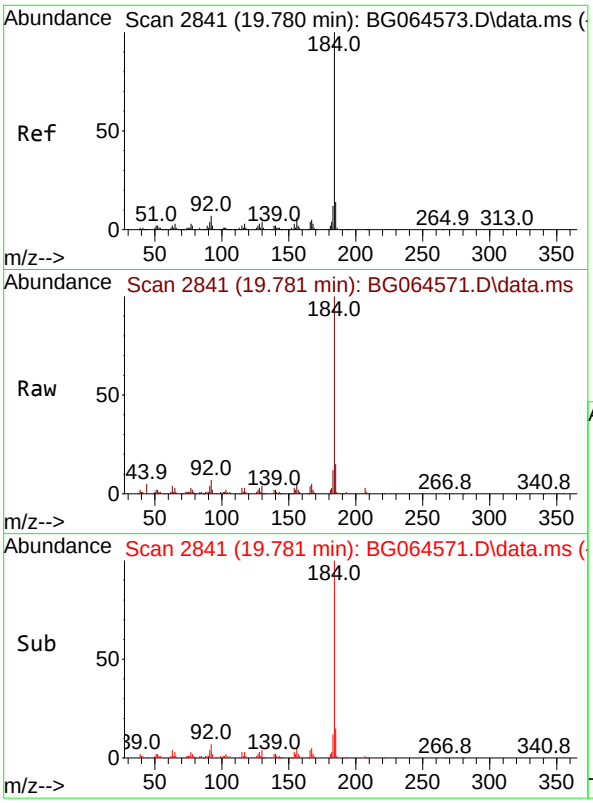


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.855 min Scan# 3194
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:240 Resp: 343958

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.5	9.7
236	27.6	20.2	30.2



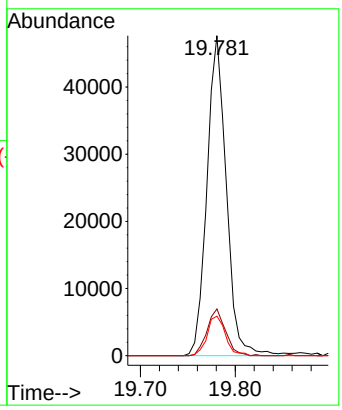


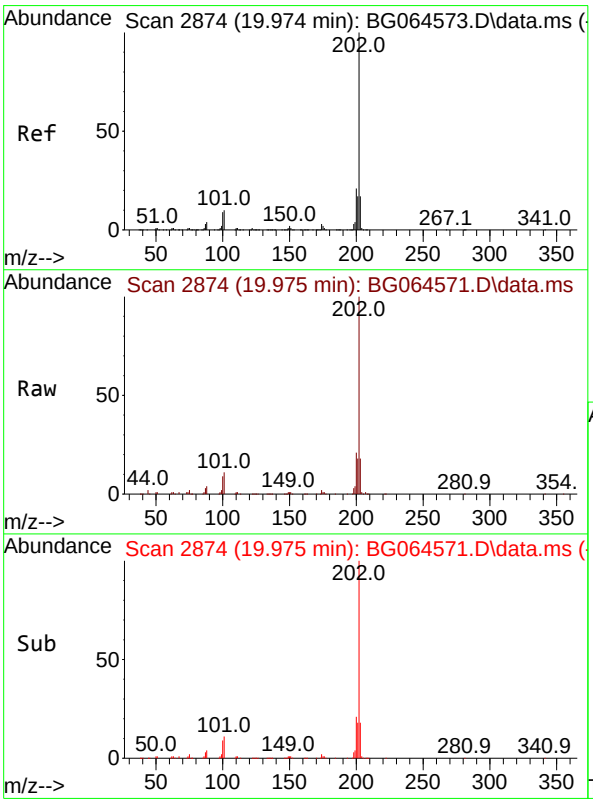
#77
Benzidine
Concen: 8.750 ng
RT: 19.781 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:184 Resp: 67427

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.4	17.2
183	12.3	9.4	14.2

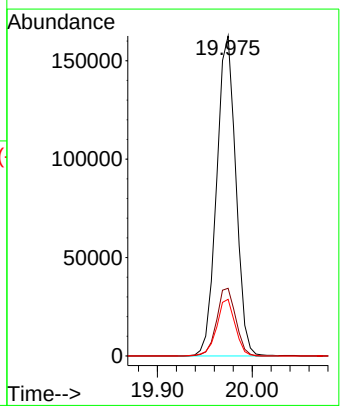


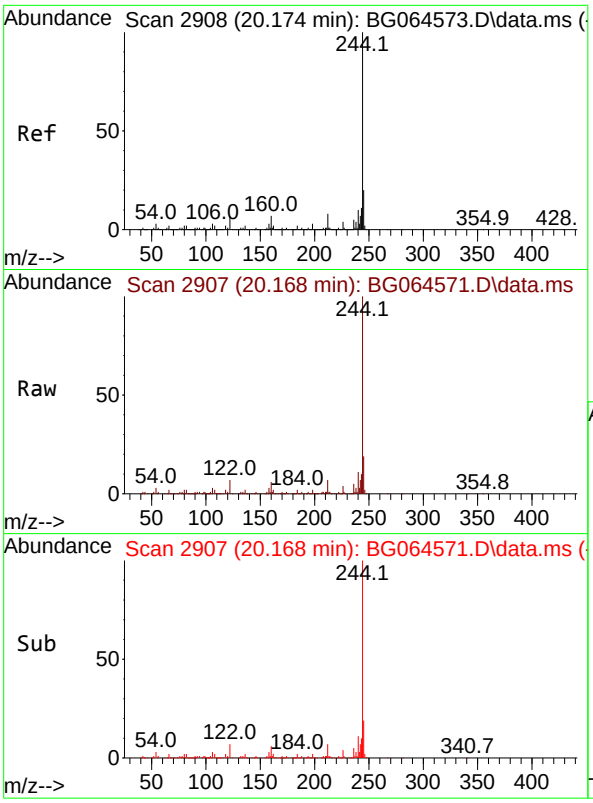


#78
Pyrene
Concen: 10.186 ng
RT: 19.975 min Scan# 2874
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:202 Resp: 228905

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	17.7	13.8	20.6



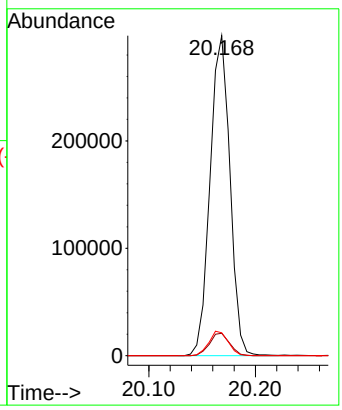


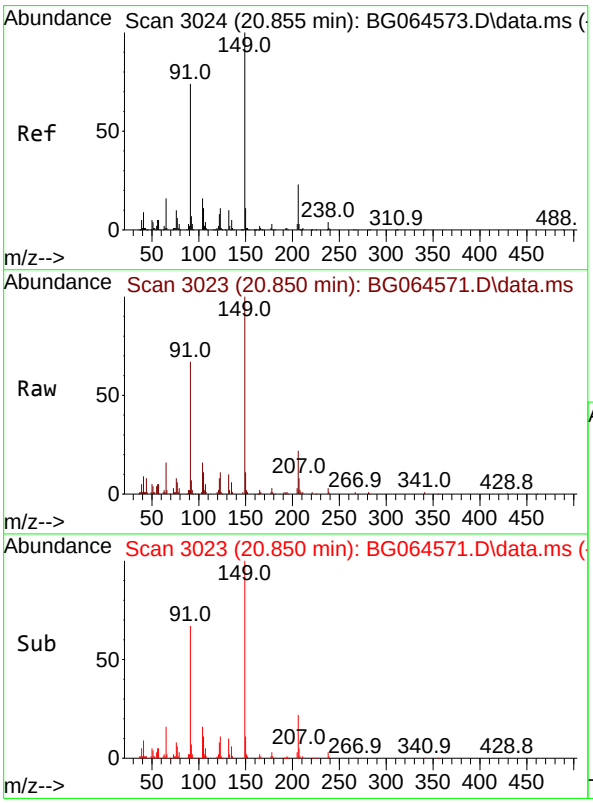
#79
Terphenyl-d14
Concen: 21.129 ng
RT: 20.168 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:244 Resp: 385094

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.1	9.1
122	7.2	5.6	8.4

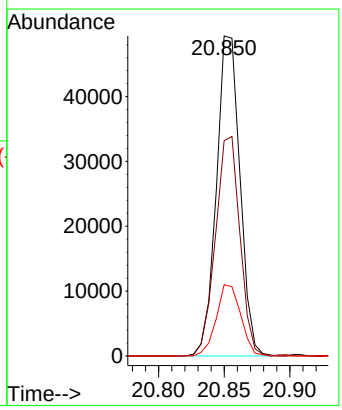


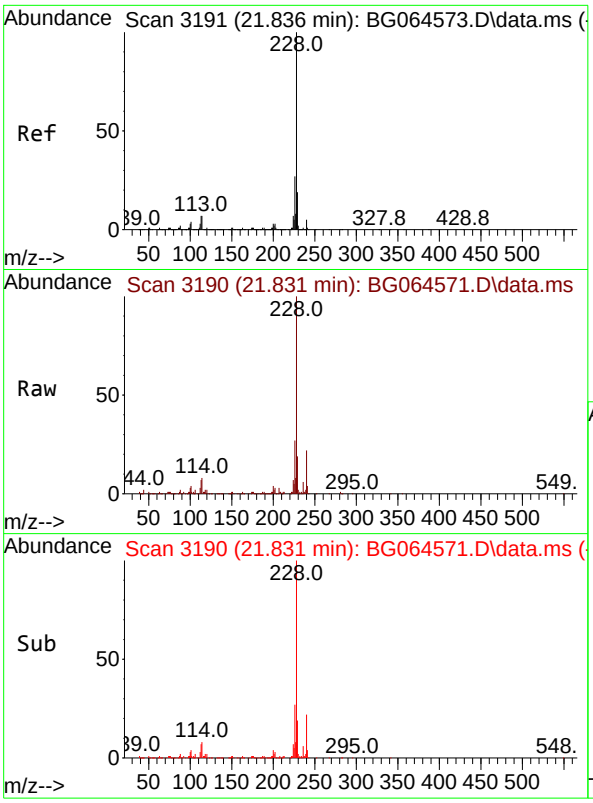


#80
Butylbenzylphthalate
Concen: 9.080 ng
RT: 20.850 min Scan# 3023
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:149 Resp: 61669

Ion	Ratio	Lower	Upper
149	100		
91	67.3	59.2	88.8
206	22.3	18.1	27.1



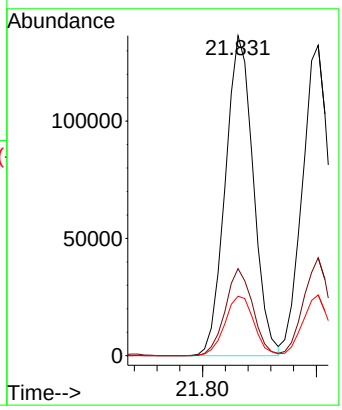


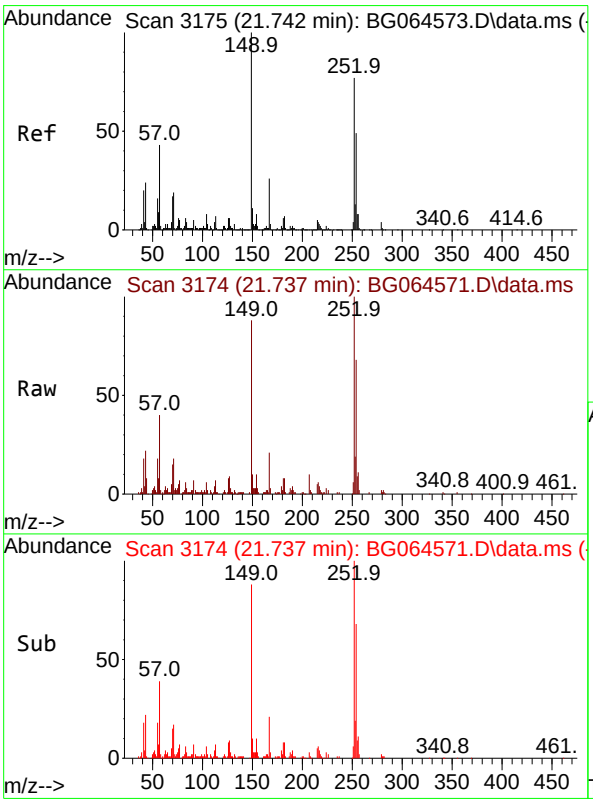
#81
Benzo(a)anthracene
Concen: 10.219 ng
RT: 21.831 min Scan# 3
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 233051

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.9	32.9
229	18.6	15.6	23.4

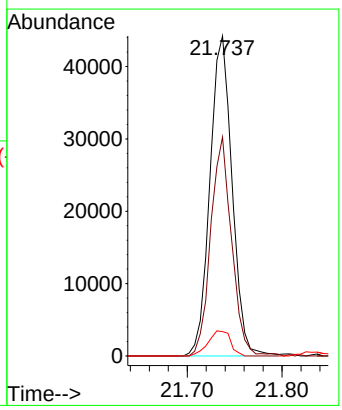


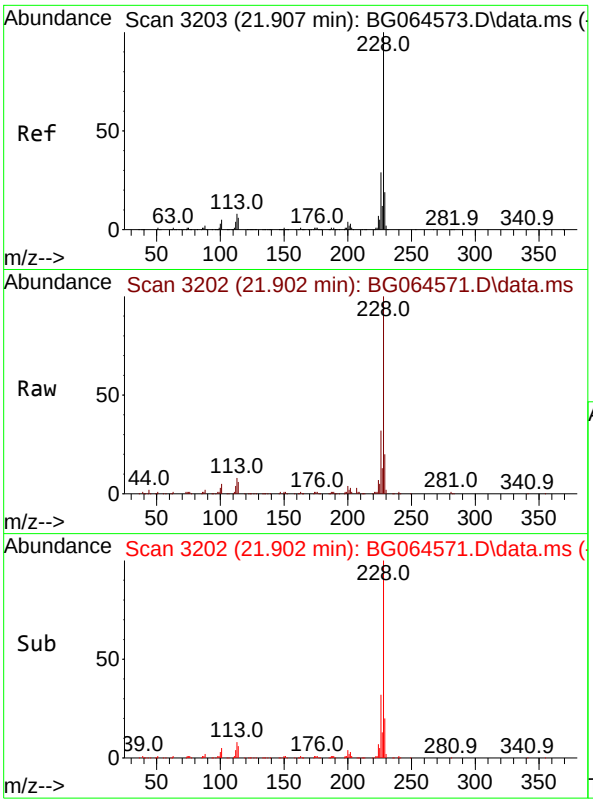


#82
3,3'-Dichlorobenzidine
Concen: 9.448 ng
RT: 21.737 min Scan# 3174
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:252 Resp: 71951

Ion	Ratio	Lower	Upper
252	100		
254	68.4	50.8	76.2
126	7.6	5.8	8.6



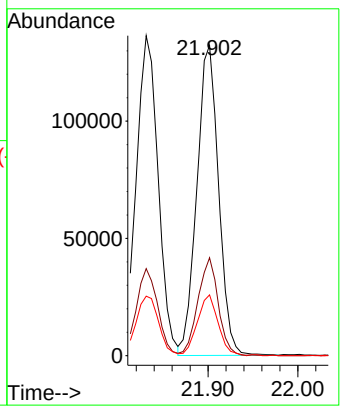


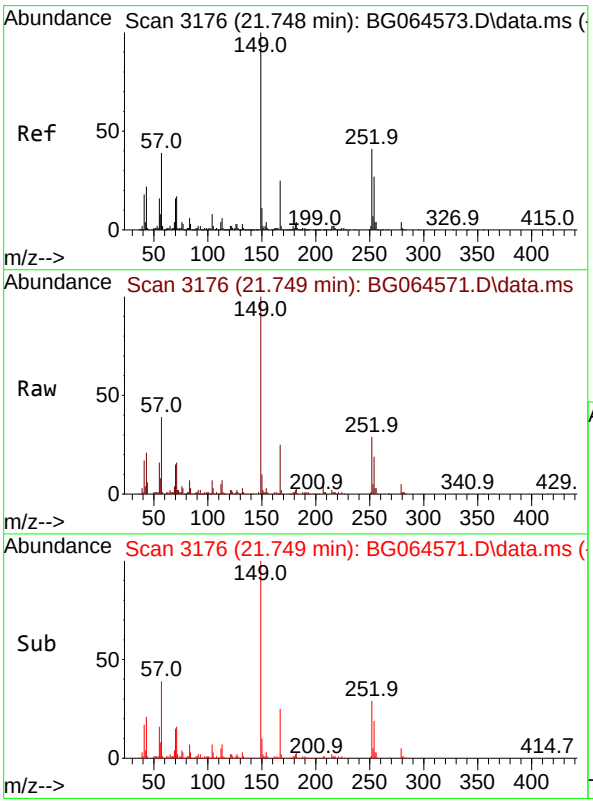
#83
Chrysene
Concen: 10.231 ng
RT: 21.902 min Scan# 3
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 222018

Ion	Ratio	Lower	Upper
228	100		
226	31.5	23.3	34.9
229	19.6	15.2	22.8

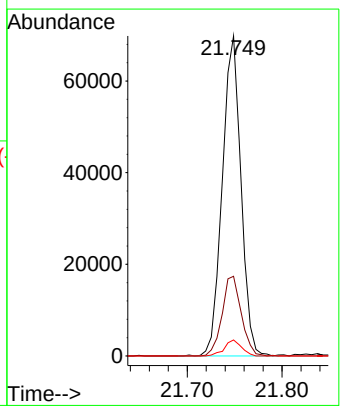


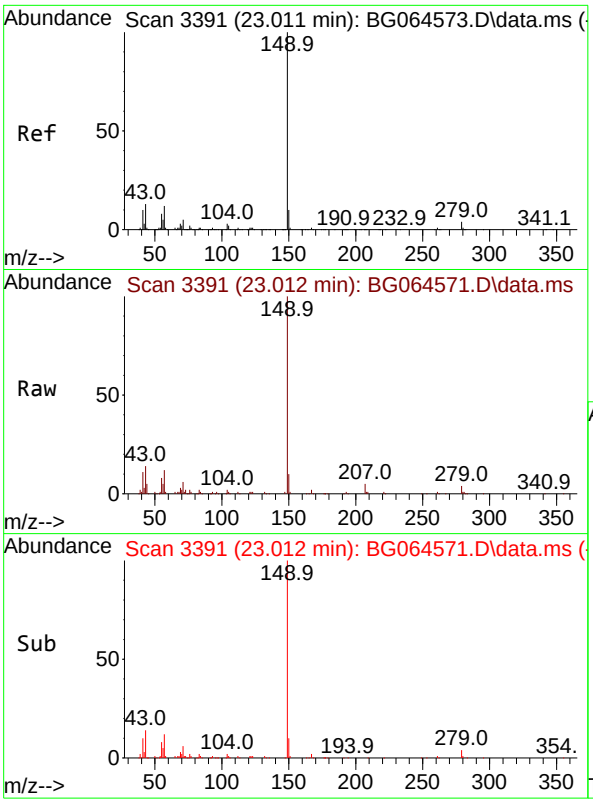


#84
Bis(2-ethylhexyl)phthalate
Concen: 9.410 ng
RT: 21.749 min Scan# 3176
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:149 Resp: 95500

Ion	Ratio	Lower	Upper
149	100		
167	24.9	20.0	30.0
279	5.0	3.1	4.7#



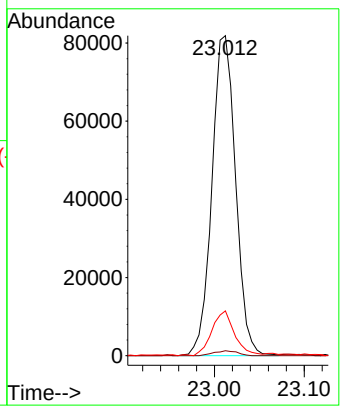


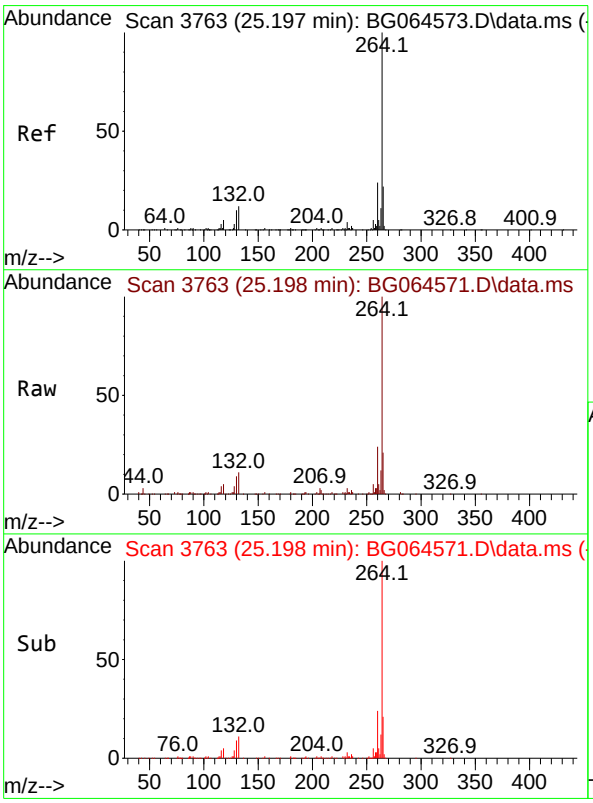
#85
Di-n-octyl phthalate
Concen: 8.759 ng
RT: 23.012 min Scan# 3
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:149 Resp: 149877

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	12.9	10.8	16.2

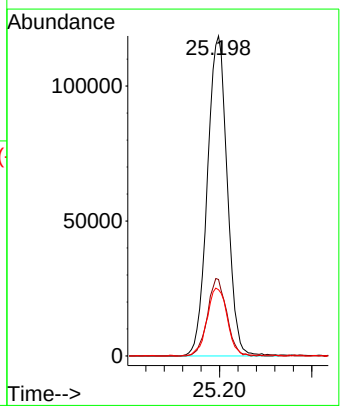


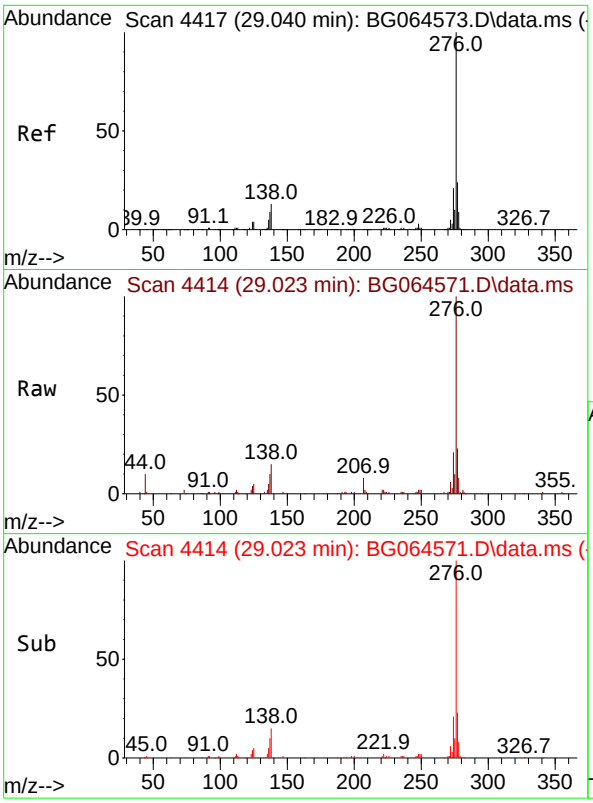


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.198 min Scan# 3763
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:264 Resp: 354939

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.4
265	20.7	17.6	26.4



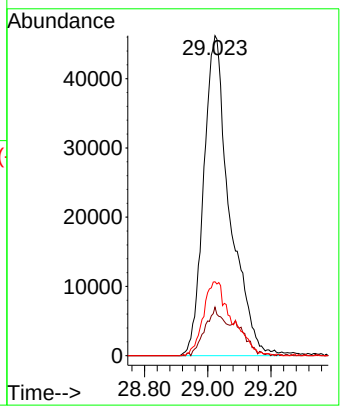


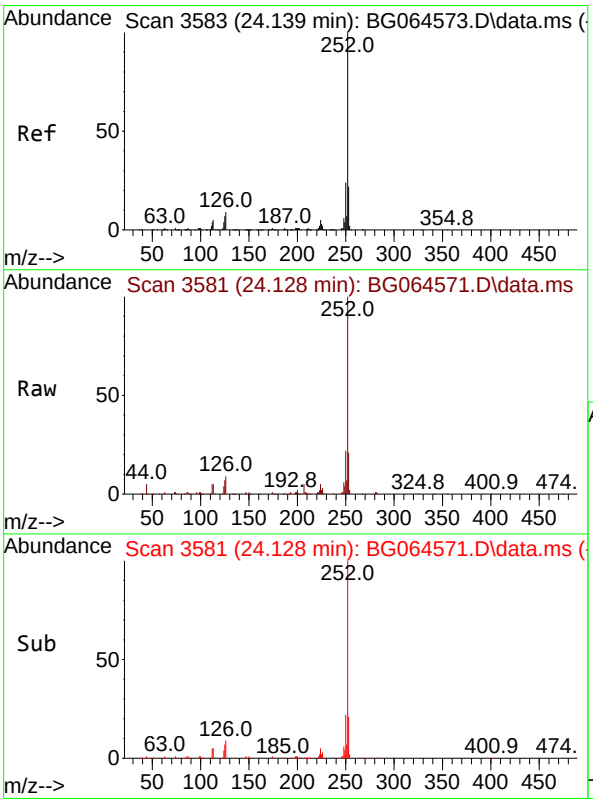
#87
Indeno(1,2,3-cd)pyrene
Concen: 10.132 ng
RT: 29.023 min Scan# 4
Delta R.T. -0.017 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:276 Resp: 264547

Ion	Ratio	Lower	Upper
276	100		
138	11.8	10.8	16.2
277	20.9	20.1	30.1

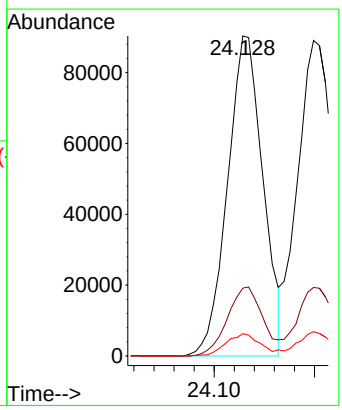


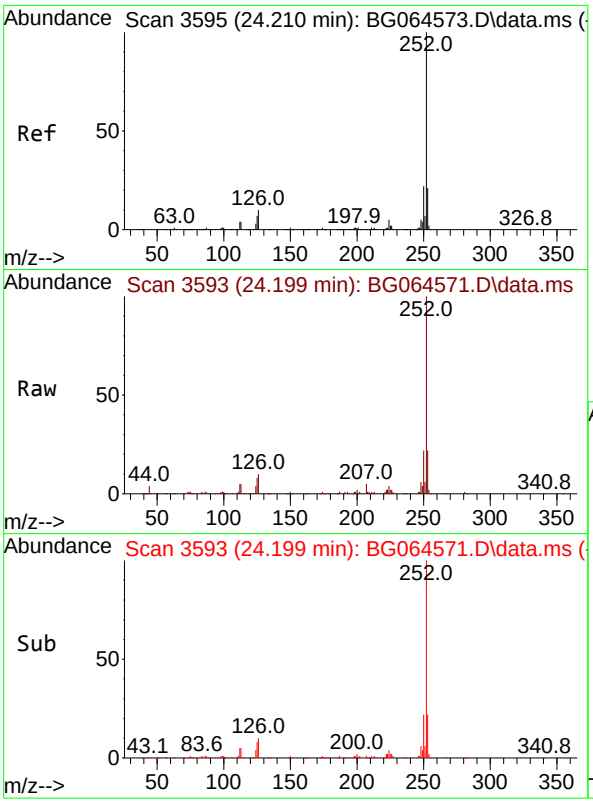


#88
Benzo(b)fluoranthene
Concen: 10.163 ng
RT: 24.128 min Scan# 3581
Delta R.T. -0.011 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:252 Resp: 221197

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.8	26.8
125	7.0	5.6	8.4



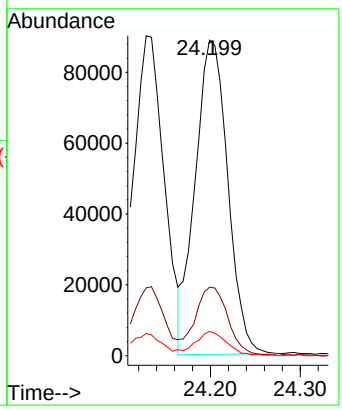


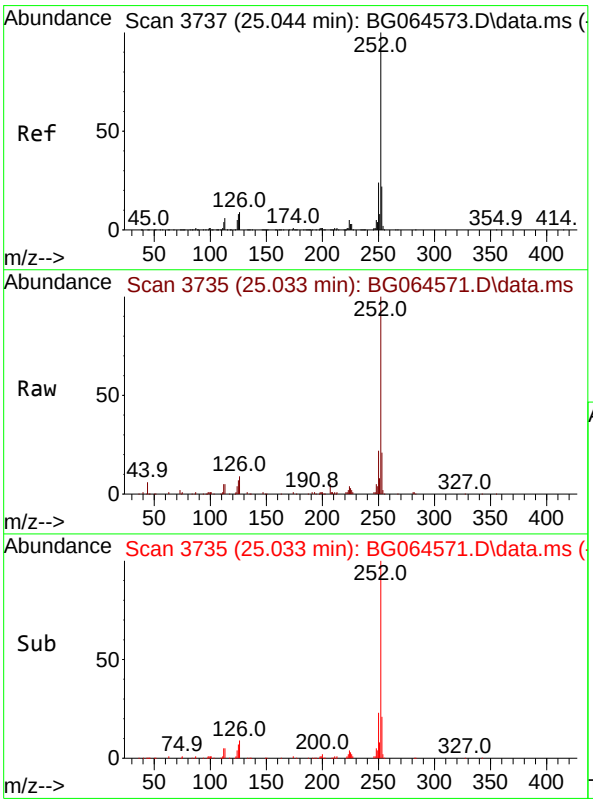
#89
Benzo(k)fluoranthene
Concen: 10.270 ng
RT: 24.199 min Scan# 3
Delta R.T. -0.011 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 223674

Ion	Ratio	Lower	Upper
252	100		
253	21.7	16.8	25.2
125	7.7	5.4	8.0

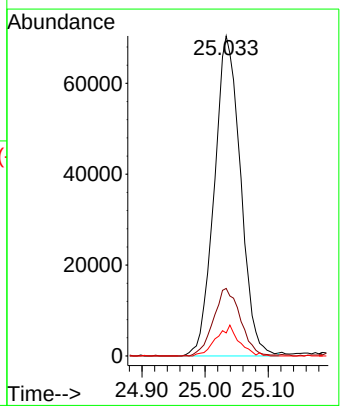


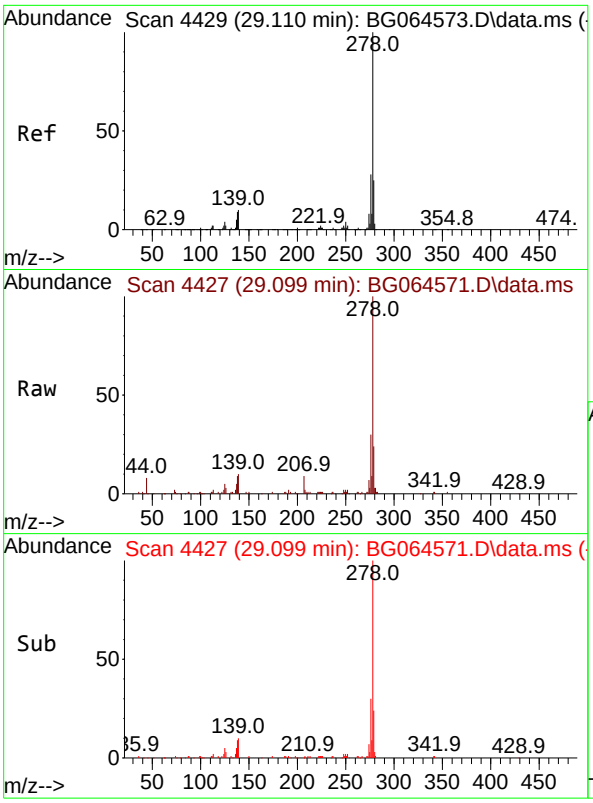


#90
Benzo(a)pyrene
Concen: 10.146 ng
RT: 25.033 min Scan# 3735
Delta R.T. -0.011 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:252 Resp: 202985

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.6	26.4
125	7.2	6.1	9.1



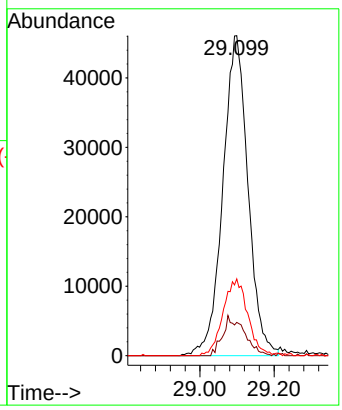


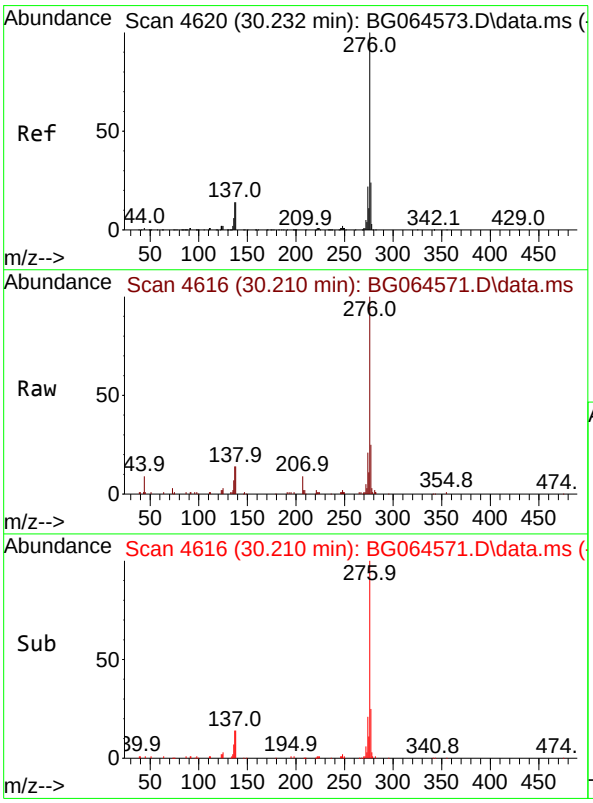
#91
Dibenzo(a,h)anthracene
Concen: 10.235 ng
RT: 29.099 min Scan# 4
Delta R.T. -0.011 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:278 Resp: 217114

Ion	Ratio	Lower	Upper
278	100		
139	10.4	8.0	12.0
279	24.0	19.8	29.6

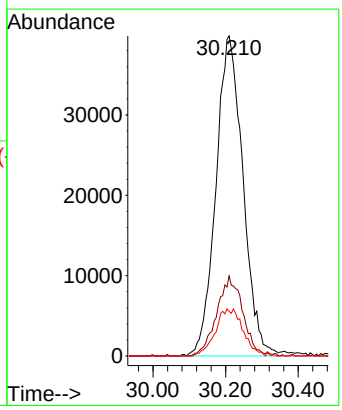




#92
Benzo(g,h,i)perylene
Concen: 10.173 ng
RT: 30.210 min Scan# 4616
Delta R.T. -0.023 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:276 Resp: 206153

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.1	28.7
138	13.9	11.3	16.9



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064572.D
Acq On : 24 Oct 2025 12:23
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Quant Time: Nov 03 18:00:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 17:56:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.217	152	46818	20.000	ng		0.00
21) Naphthalene-d8	11.049	136	192551	20.000	ng		0.00
39) Acenaphthene-d10	14.845	164	147520	20.000	ng		0.00
64) Phenanthrene-d10	17.577	188	357228	20.000	ng		0.00
76) Chrysene-d12	21.854	240	408574	20.000	ng		0.00
86) Perylene-d12	25.198	264	430370	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.744	112	108123	38.764	ng		0.00
7) Phenol-d6	7.348	99	146608	38.304	ng		0.00
23) Nitrobenzene-d5	9.381	82	121107	37.777	ng		0.00
42) 2,4,6-Tribromophenol	16.320	330	80231	37.682	ng		0.00
45) 2-Fluorobiphenyl	13.470	172	385251	39.584	ng		0.00
79) Terphenyl-d14	20.168	244	870741	40.219	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.588	88	24533	19.867	ng		99
3) Pyridine	3.999	79	72660	19.593	ng		96
4) n-Nitrosodimethylamine	3.905	42	37799	19.007	ng	#	90
6) Aniline	7.530	93	99762	19.155	ng		99
8) 2-Chlorophenol	7.777	128	56018	19.187	ng		93
9) Benzaldehyde	7.342	77	46540	22.273	ng		97
10) Phenol	7.377	94	81849	19.337	ng		97
11) bis(2-Chloroethyl)ether	7.624	93	60495	19.439	ng		93
12) 1,3-Dichlorobenzene	8.112	146	65241	19.415	ng		99
13) 1,4-Dichlorobenzene	8.259	146	67506	19.757	ng		94
14) 1,2-Dichlorobenzene	8.582	146	63867	19.380	ng		99
15) Benzyl Alcohol	8.447	79	59123	18.732	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.740	45	158985	19.476	ng		97
17) 2-Methylphenol	8.646	107	55174	19.632	ng		97
18) Hexachloroethane	9.322	117	23663	19.735	ng		97
19) n-Nitroso-di-n-propyla...	9.022	70	52857	19.982	ng	#	94
20) 3+4-Methylphenols	8.969	107	74026	18.730	ng		94
22) Acetophenone	9.040	105	101737	19.328	ng		96
24) Nitrobenzene	9.422	77	66292	19.012	ng		95
25) Isophorone	9.951	82	148388	19.290	ng		98
26) 2-Nitrophenol	10.145	139	21166	17.837	ng		92
27) 2,4-Dimethylphenol	10.192	122	54972	19.211	ng		90
28) bis(2-Chloroethoxy)met...	10.432	93	85225	19.458	ng		97
29) 2,4-Dichlorophenol	10.679	162	60695	19.710	ng		96
30) 1,2,4-Trichlorobenzene	10.908	180	67078	19.171	ng		97
31) Naphthalene	11.096	128	208734	19.552	ng		99
32) Benzoic acid	10.274	122	22667	14.433	ng		90
33) 4-Chloroaniline	11.190	127	79067	19.055	ng		96
34) Hexachlorobutadiene	11.390	225	54233	19.820	ng		98
35) Caprolactam	11.931	113	22010	18.635	ng		93
36) 4-Chloro-3-methylphenol	12.289	107	69582	18.798	ng		92
37) 2-Methylnaphthalene	12.689	142	153445	19.577	ng		97
38) 1-Methylnaphthalene	12.906	142	149456	19.266	ng		97
40) 1,2,4,5-Tetrachloroben...	13.053	216	95653	19.320	ng		99
41) Hexachlorocyclopentadiene	13.035	237	41178	18.479	ng		97
43) 2,4,6-Trichlorophenol	13.276	196	55295	19.525	ng		95

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064572.D
Acq On : 24 Oct 2025 12:23
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Quant Time: Nov 03 18:00:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 17:56:56 2025
Response via : Initial Calibration

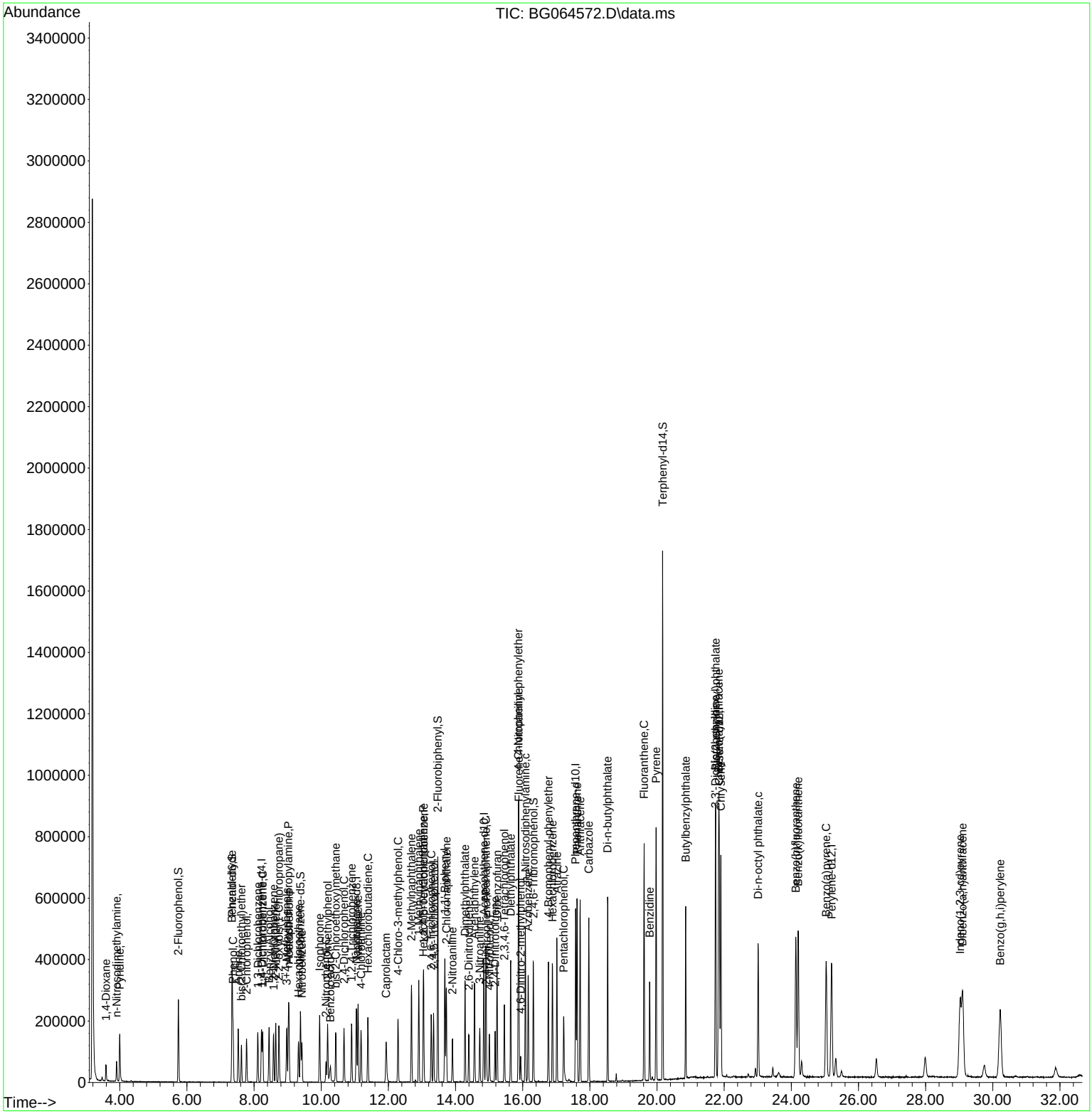
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.347	196	64753	19.814	ng		93
46) 1,1'-Biphenyl	13.682	154	206656	19.705	ng		94
47) 2-Chloronaphthalene	13.729	162	155356	19.625	ng		99
48) 2-Nitroaniline	13.911	65	40854	17.565	ng		98
49) Acenaphthylene	14.563	152	242914	19.454	ng		98
50) Dimethylphthalate	14.281	163	219575	19.452	ng		99
51) 2,6-Dinitrotoluene	14.393	165	28427	17.440	ng		96
52) Acenaphthene	14.904	154	164542	19.287	ng		96
53) 3-Nitroaniline	14.722	138	37234	19.193	ng	#	99
54) 2,4-Dinitrophenol	14.921	184	16182	18.744	ng	#	29
55) Dibenzofuran	15.239	168	269419	19.534	ng		98
56) 4-Nitrophenol	15.009	139	31366	17.439	ng		90
57) 2,4-Dinitrotoluene	15.180	165	44209	17.427	ng	#	96
58) Fluorene	15.885	166	210426	19.536	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.456	232	59314	18.980	ng		99
60) Diethylphthalate	15.644	149	223398	19.382	ng		99
61) 4-Chlorophenyl-phenyle...	15.873	204	116865	19.333	ng		98
62) 4-Nitroaniline	15.879	138	42261	19.582	ng		99
63) Azobenzene	16.161	77	203101	19.205	ng		99
65) 4,6-Dinitro-2-methylph...	15.944	198	22843	18.316	ng		92
66) n-Nitrosodiphenylamine	16.079	169	187560	19.437	ng		98
67) 4-Bromophenyl-phenylether	16.766	248	82311	19.444	ng		98
68) Hexachlorobenzene	16.890	284	93647	19.391	ng		96
69) Atrazine	17.019	200	88832	21.392	ng		95
70) Pentachlorophenol	17.219	266	54275	18.022	ng		88
71) Phenanthrene	17.618	178	383359	19.624	ng		99
72) Anthracene	17.712	178	393312	19.792	ng		100
73) Carbazole	17.971	167	350722	20.014	ng		99
74) Di-n-butylphthalate	18.529	149	421239	20.788	ng		100
75) Fluoranthene	19.616	202	492924	20.142	ng		99
77) Benzidine	19.780	184	194070	21.201	ng		99
78) Pyrene	19.974	202	524431	19.646	ng		99
80) Butylbenzylphthalate	20.856	149	158394	19.633	ng		97
81) Benzo(a)anthracene	21.837	228	528009	19.490	ng		100
82) 3,3'-Dichlorobenzidine	21.737	252	174803	19.323	ng		99
83) Chrysene	21.901	228	502125	19.479	ng		97
84) Bis(2-ethylhexyl)phtha...	21.749	149	237524	19.703	ng		100
85) Di-n-octyl phthalate	23.012	149	380895	18.740	ng		99
87) Indeno(1,2,3-cd)pyrene	29.028	276	606702	19.163	ng		99
88) Benzo(b)fluoranthene	24.134	252	503145	19.066	ng		98
89) Benzo(k)fluoranthene	24.205	252	518915	19.650	ng		99
90) Benzo(a)pyrene	25.039	252	470556	19.398	ng		98
91) Dibenzo(a,h)anthracene	29.099	278	498395	19.377	ng		97
92) Benzo(g,h,i)perylene	30.221	276	468496	19.067	ng		99

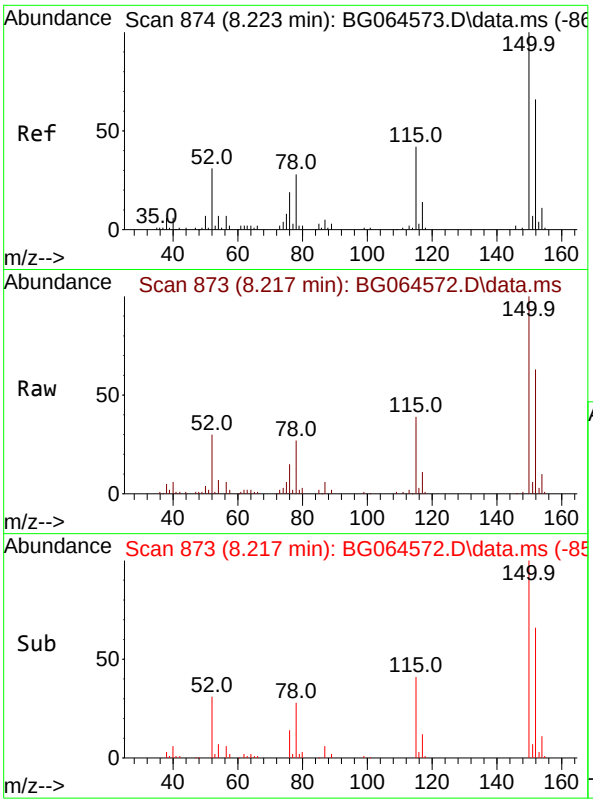
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064572.D
Acq On : 24 Oct 2025 12:23
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Quant Time: Nov 03 18:00:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 17:56:56 2025
Response via : Initial Calibration



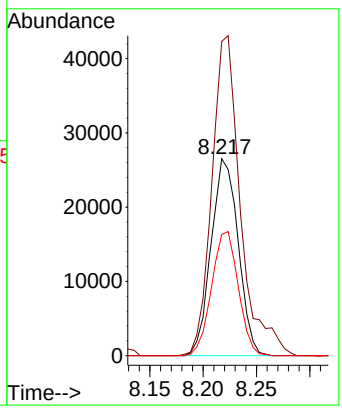


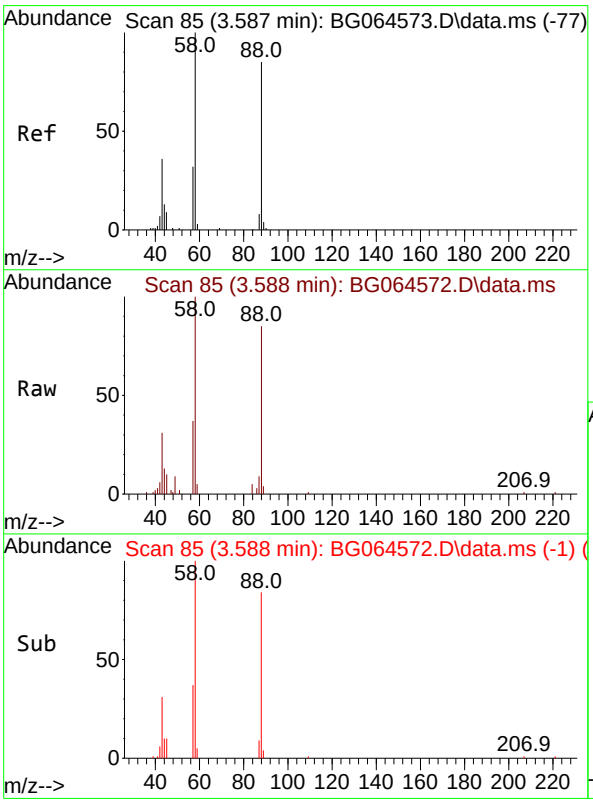
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.217 min Scan# 8
Delta R.T. -0.006 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:152 Resp: 46818

Ion	Ratio	Lower	Upper
152	100		
150	159.6	122.2	183.4
115	61.5	50.8	76.2

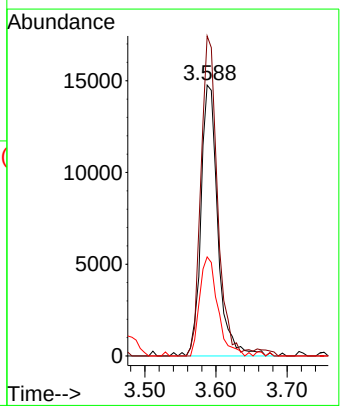


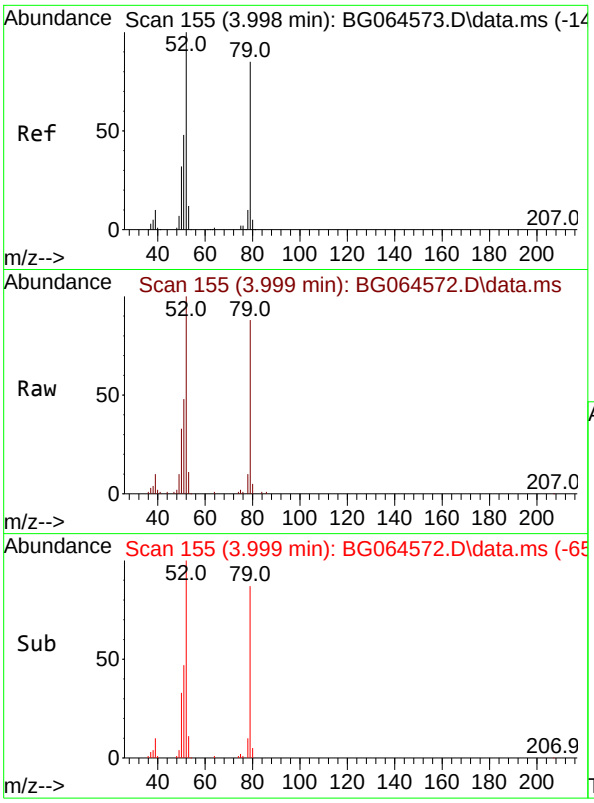


#2
1,4-Dioxane
Concen: 19.867 ng
RT: 3.588 min Scan# 85
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion: 88 Resp: 24533

Ion	Ratio	Lower	Upper
88	100		
58	114.9	92.4	138.6
43	38.9	33.0	49.6



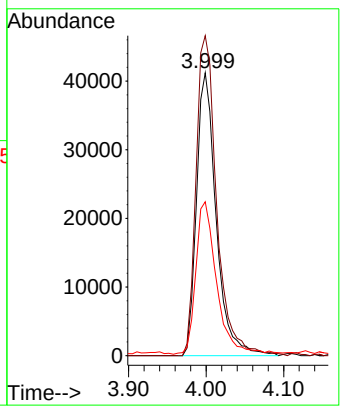


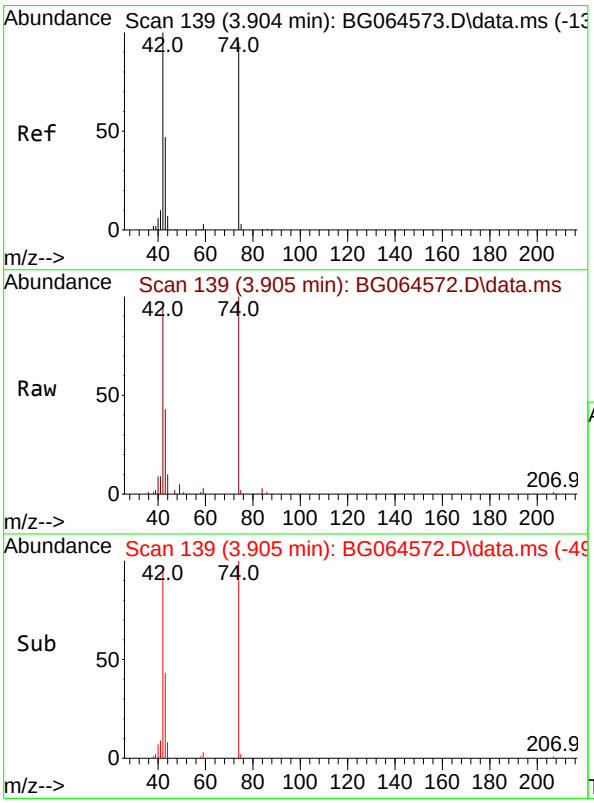
#3
Pyridine
Concen: 19.593 ng
RT: 3.999 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 72660

Ion	Ratio	Lower	Upper
79	100		
52	113.1	94.2	141.2
51	54.4	46.1	69.1

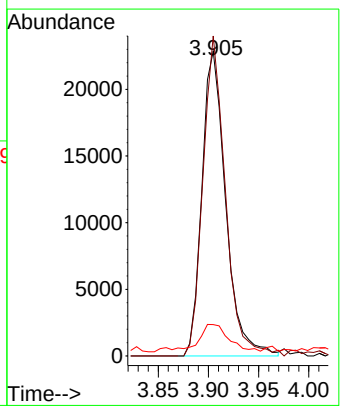


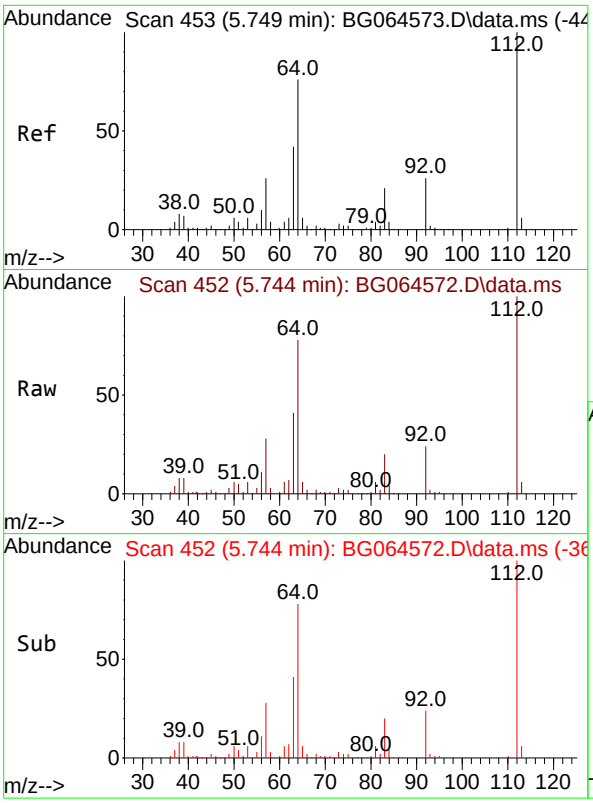


#4
n-Nitrosodimethylamine
Concen: 19.007 ng
RT: 3.905 min Scan# 139
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion: 42 Resp: 37799

Ion	Ratio	Lower	Upper
42	100		
74	105.0	76.1	114.1
44	10.3	6.3	9.5#



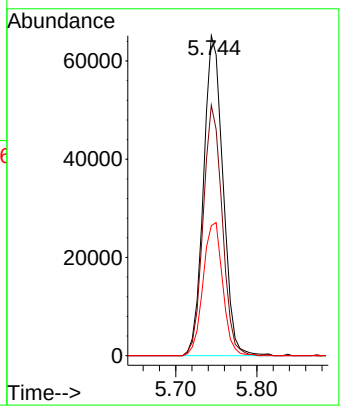


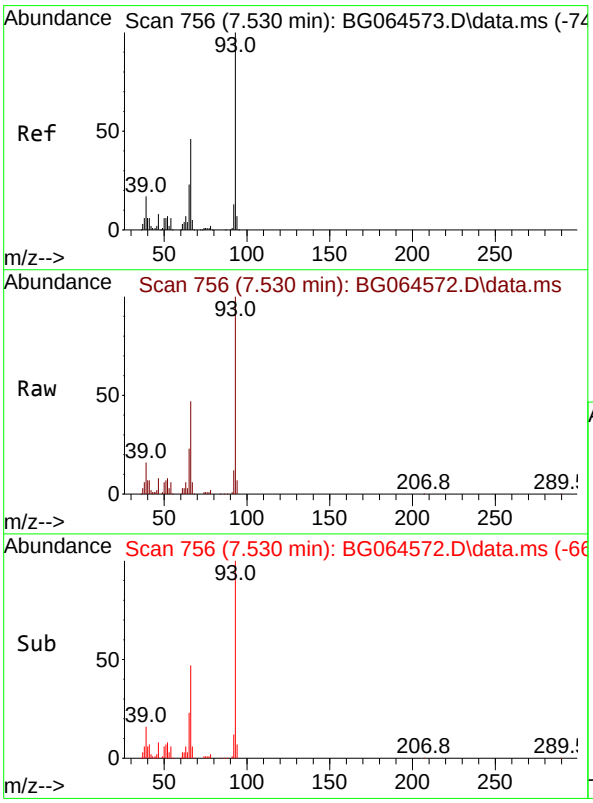
#5
2-Fluorophenol
Concen: 38.764 ng
RT: 5.744 min Scan# 4
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:112 Resp: 108123

Ion	Ratio	Lower	Upper
112	100		
64	78.2	60.7	91.1
63	40.7	33.4	50.0

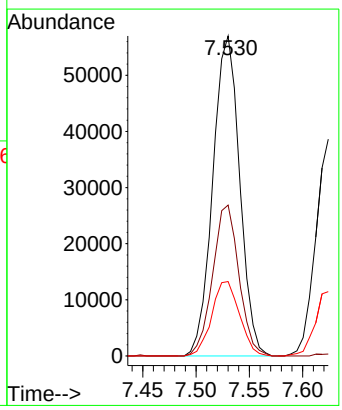


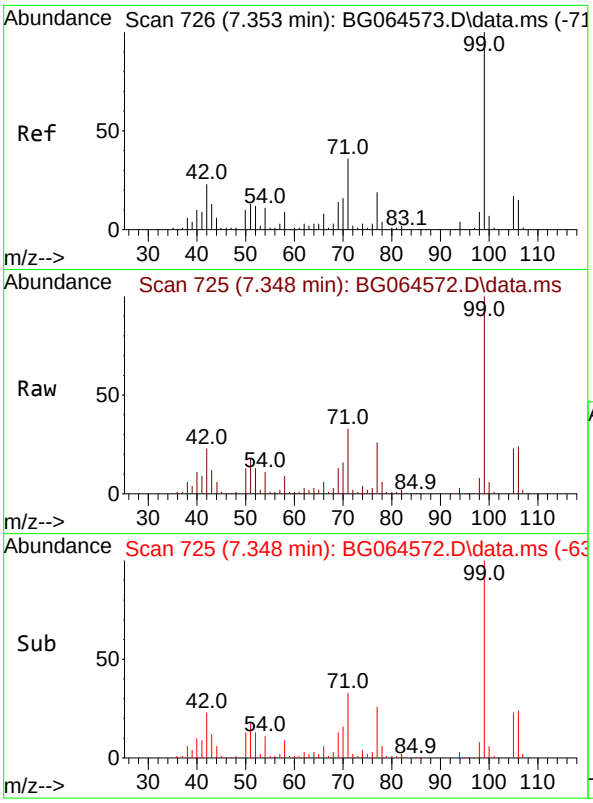


#6
Aniline
Concen: 19.155 ng
RT: 7.530 min Scan# 756
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion: 93 Resp: 99762

Ion	Ratio	Lower	Upper
93	100		
66	47.2	37.0	55.6
65	23.2	18.3	27.5



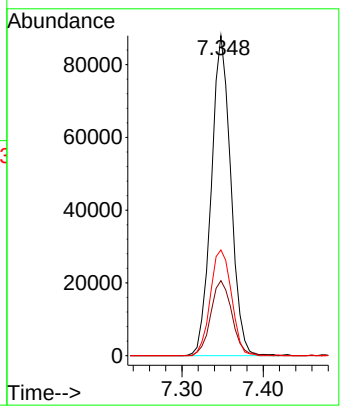


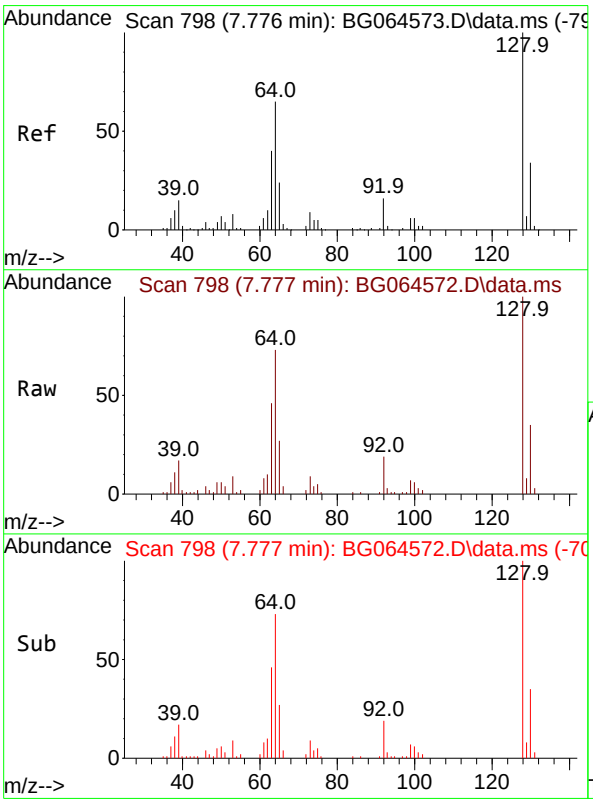
#7
Phenol-d6
Concen: 38.304 ng
RT: 7.348 min Scan# 7
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion: 99 Resp: 146608

Ion	Ratio	Lower	Upper
99	100		
42	23.4	18.3	27.5
71	33.1	28.6	43.0

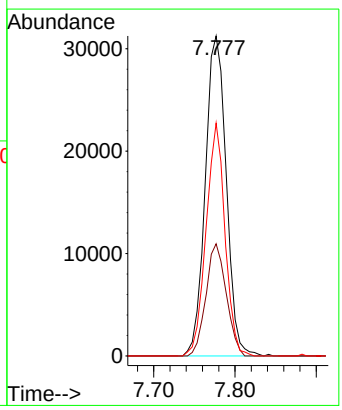


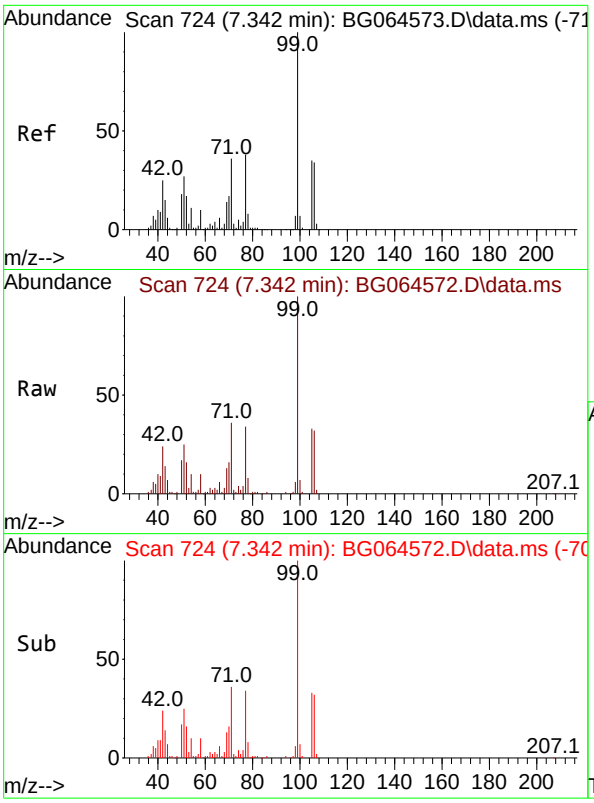


#8
2-Chlorophenol
Concen: 19.187 ng
RT: 7.777 min Scan# 798
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:128 Resp: 56018

Ion	Ratio	Lower	Upper
128	100		
130	35.0	13.5	53.5
64	72.8	45.2	85.2



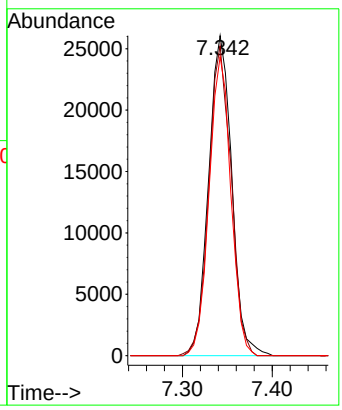


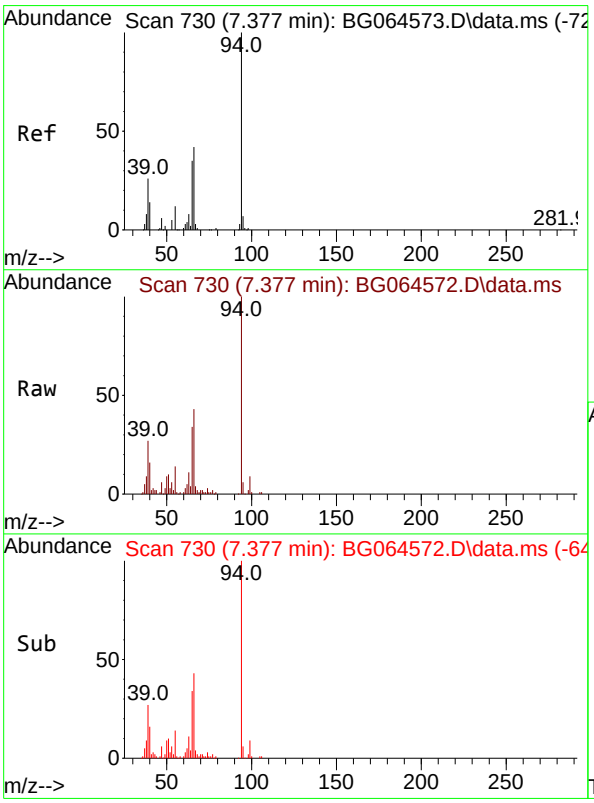
#9
Benzaldehyde
Concen: 22.273 ng
RT: 7.342 min Scan# 7
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 46540

Ion	Ratio	Lower	Upper
77	100		
105	96.8	72.9	112.9
106	93.4	70.8	110.8

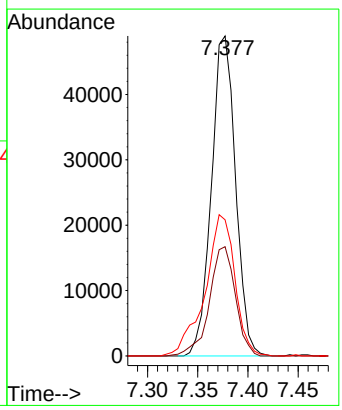


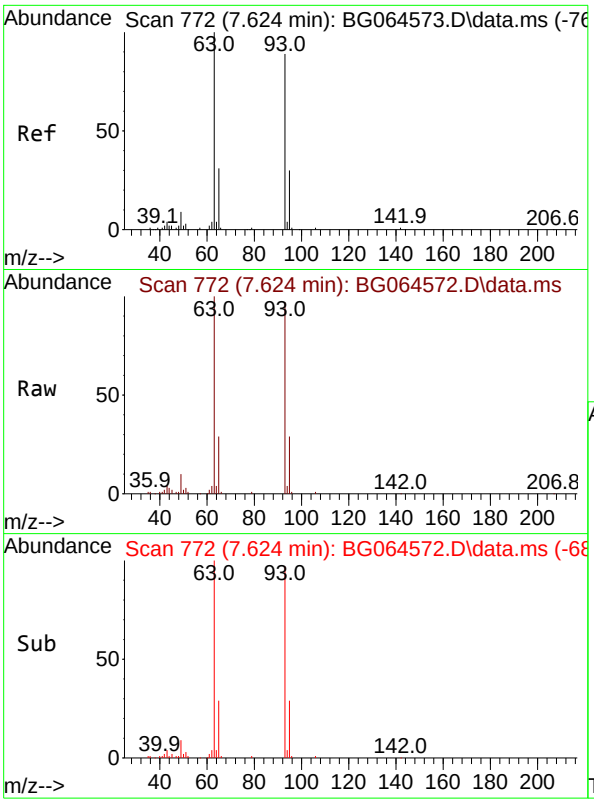


#10
Phenol
Concen: 19.337 ng
RT: 7.377 min Scan# 730
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion: 94 Resp: 81849

Ion	Ratio	Lower	Upper
94	100		
65	34.1	15.8	55.8
66	42.5	24.0	64.0



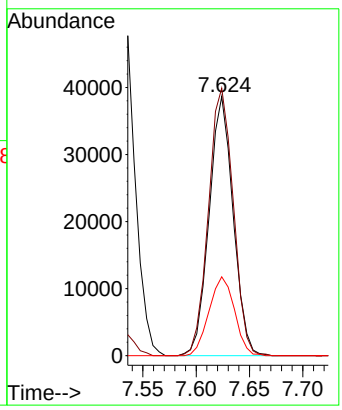


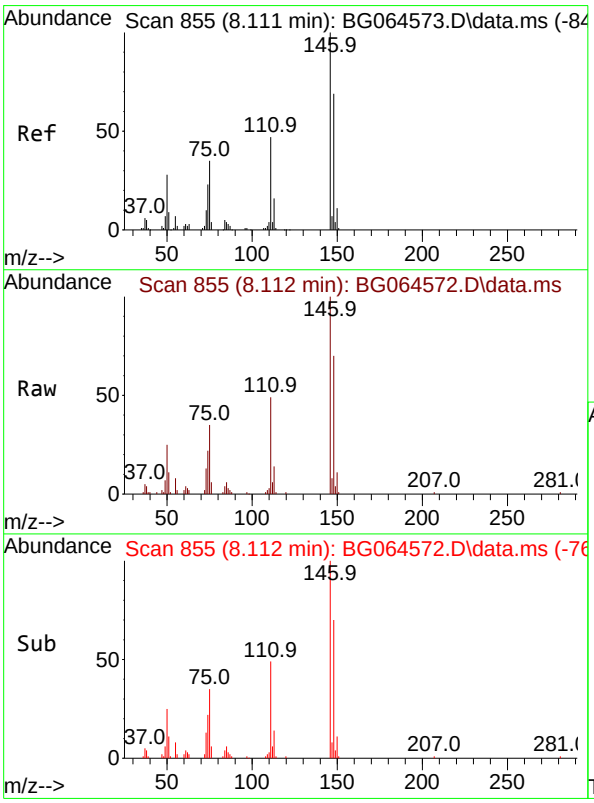
#11
bis(2-Chloroethyl)ether
Concen: 19.439 ng
RT: 7.624 min Scan# 7
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion: 93 Resp: 60495

Ion	Ratio	Lower	Upper
93	100		
63	103.3	91.3	131.3
95	30.4	13.3	53.3

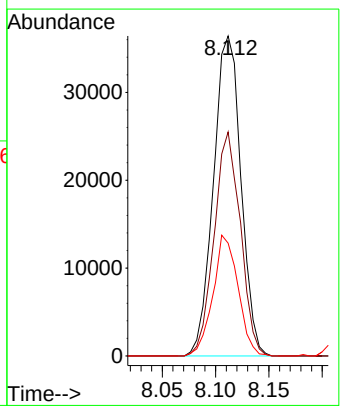


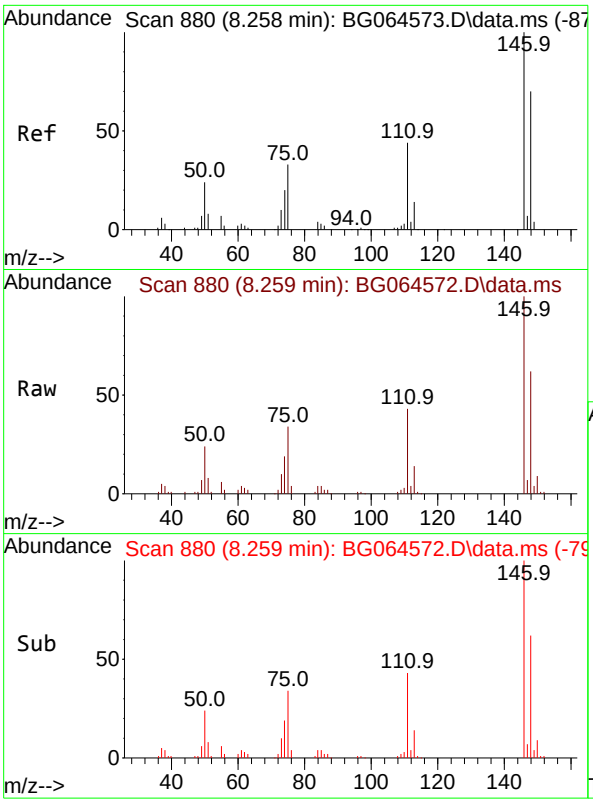


#12
1,3-Dichlorobenzene
Concen: 19.415 ng
RT: 8.112 min Scan# 855
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:146 Resp: 65241

Ion	Ratio	Lower	Upper
146	100		
148	70.0	55.3	82.9
75	35.2	28.2	42.2



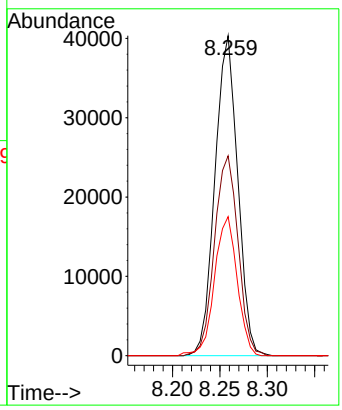


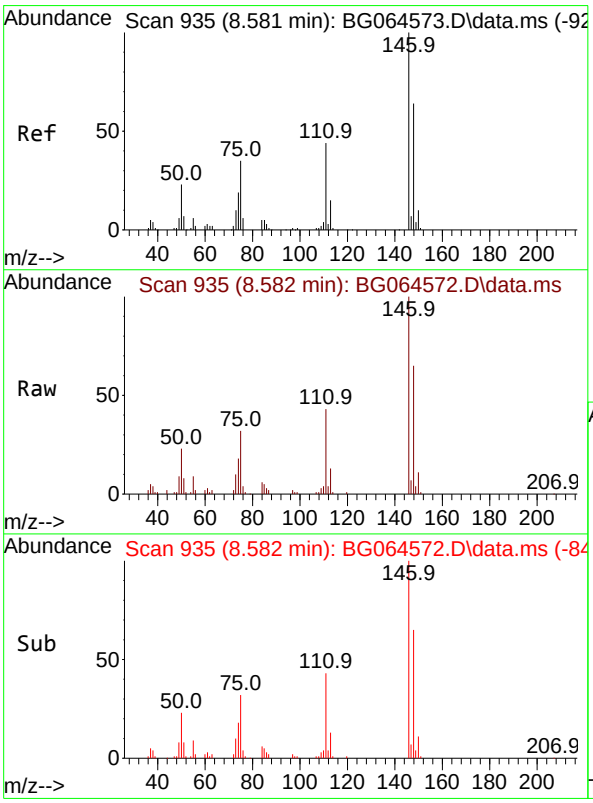
#13
1,4-Dichlorobenzene
Concen: 19.757 ng
RT: 8.259 min Scan# 8
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:146 Resp: 67506

Ion	Ratio	Lower	Upper
146	100		
148	62.4	56.2	84.4
111	43.5	35.4	53.0

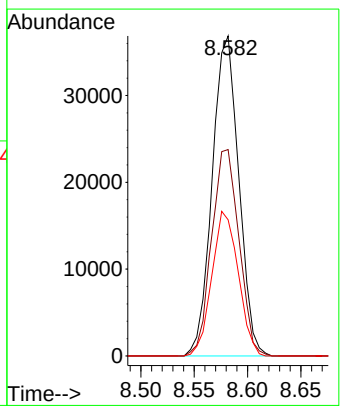


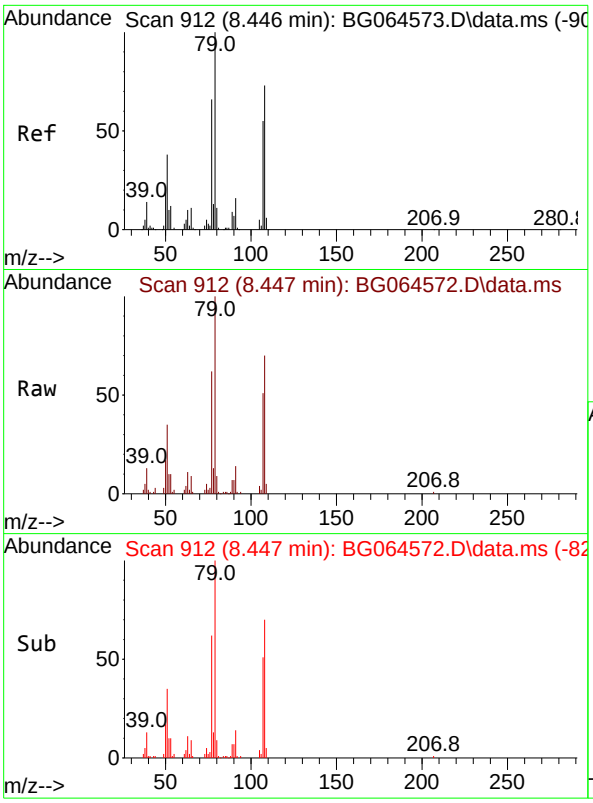


#14
1,2-Dichlorobenzene
Concen: 19.380 ng
RT: 8.582 min Scan# 935
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:146 Resp: 63867

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.5	77.3
111	42.5	35.0	52.6



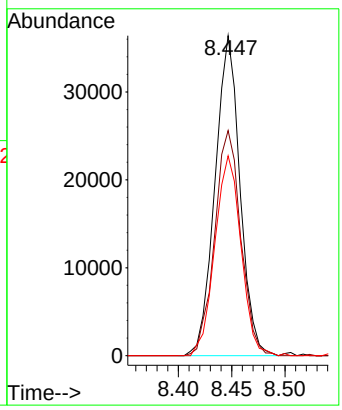


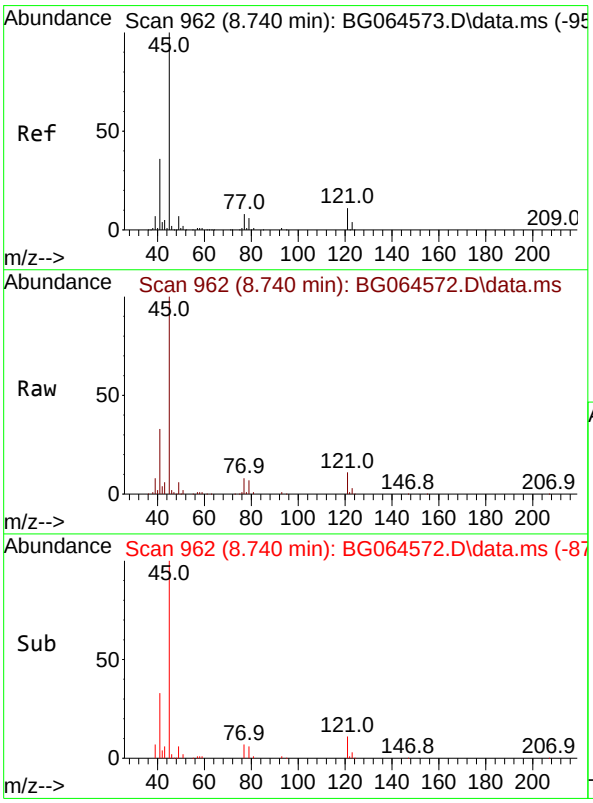
#15
Benzyl Alcohol
Concen: 18.732 ng
RT: 8.447 min Scan# 91
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 59123

Ion	Ratio	Lower	Upper
79	100		
108	70.4	58.1	87.1
77	62.4	52.8	79.2

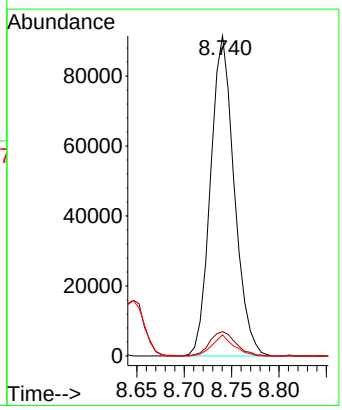


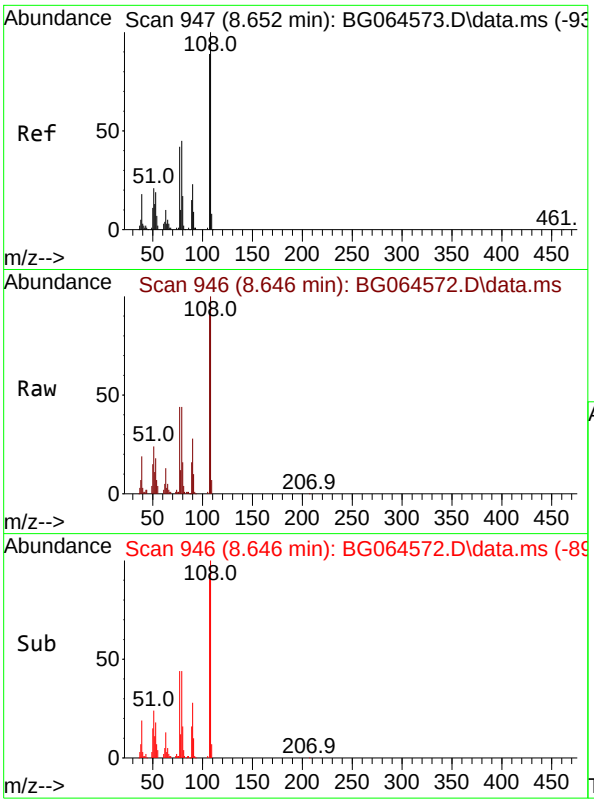


#16
2,2'-oxybis(1-Chloropropane)
Concen: 19.476 ng
RT: 8.740 min Scan# 962
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion: 45 Resp: 158985

Ion	Ratio	Lower	Upper
45	100		
77	7.6	0.0	28.5
79	6.6	0.0	25.6



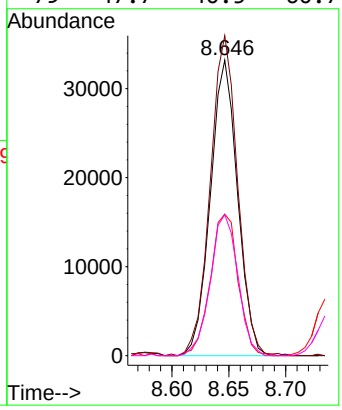


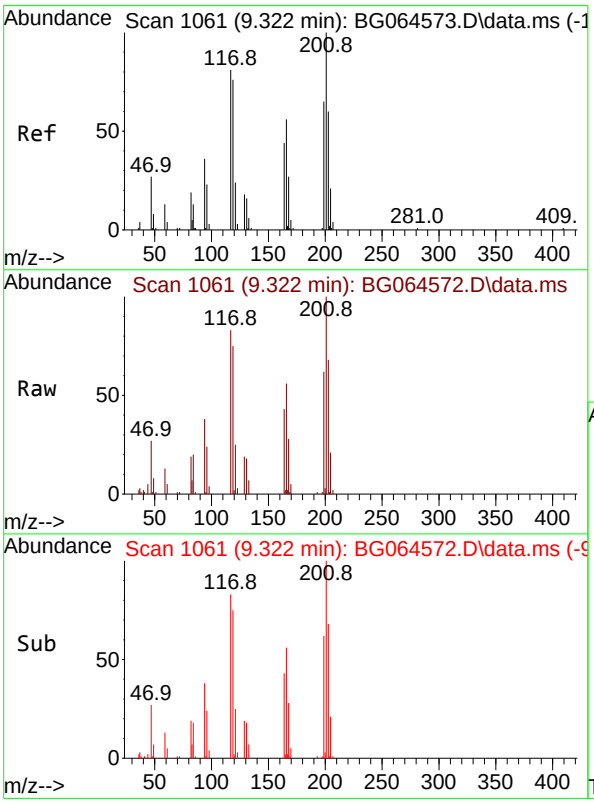
#17
2-Methylphenol
Concen: 19.632 ng
RT: 8.646 min Scan# 94
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:107 Resp: 55174

Ion	Ratio	Lower	Upper
107	100		
108	108.3	90.0	135.0
77	47.9	37.8	56.8
79	47.7	40.5	60.7

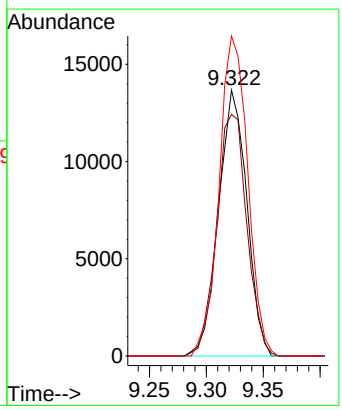


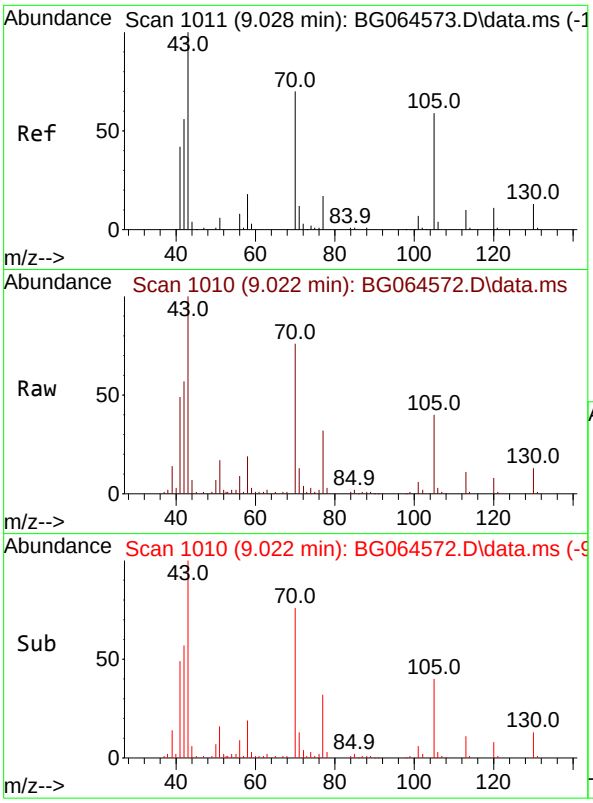


#18
Hexachloroethane
Concen: 19.735 ng
RT: 9.322 min Scan# 1061
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:117 Resp: 23663

Ion	Ratio	Lower	Upper
117	100		
119	90.8	75.4	113.2
201	120.3	99.2	148.8



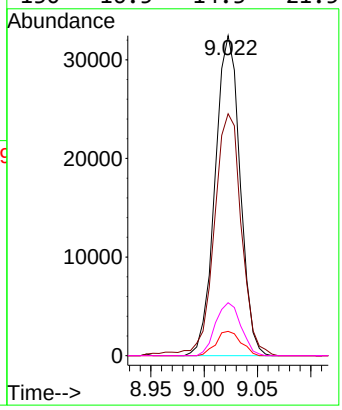


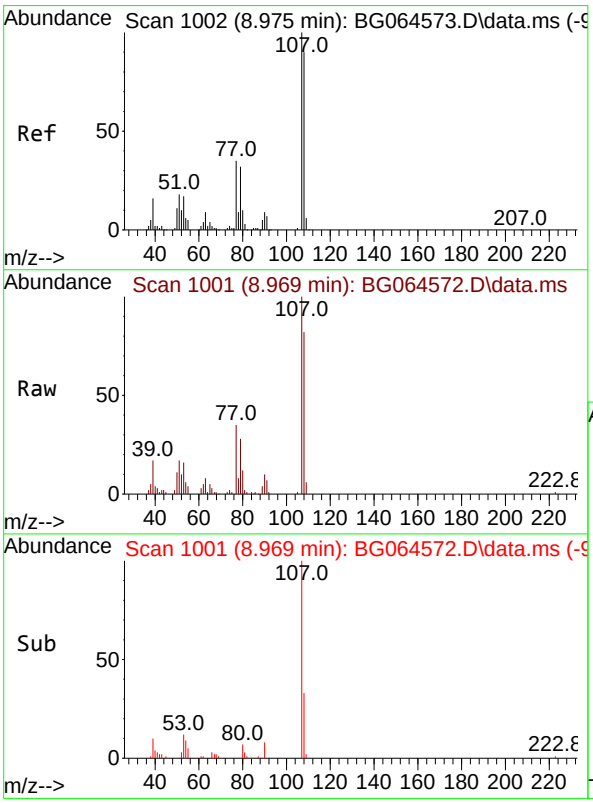
#19
n-Nitroso-di-n-propylamine
Concen: 19.982 ng
RT: 9.022 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion: 70 Resp: 52857

Ion	Ratio	Lower	Upper
70	100		
42	75.6	65.2	97.8
101	7.6	7.9	11.9#
130	16.5	14.3	21.5

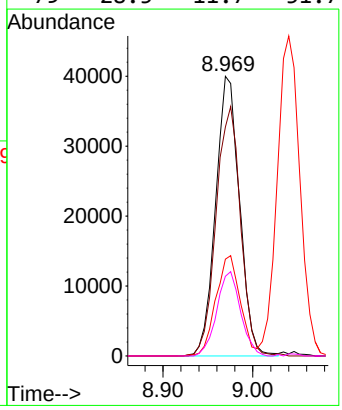


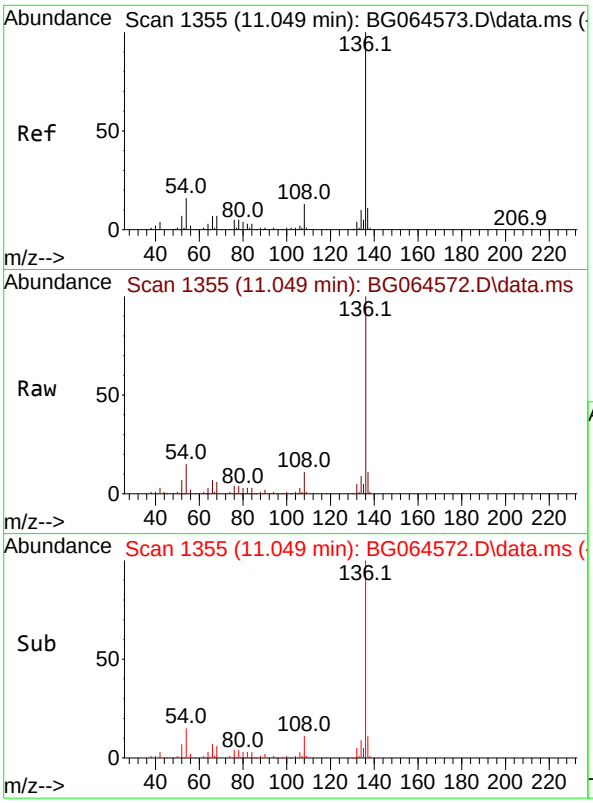


#20
3+4-Methylphenols
Concen: 18.730 ng
RT: 8.969 min Scan# 1001
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:107 Resp: 74026

Ion	Ratio	Lower	Upper
107	100		
108	81.9	70.3	110.3
77	34.6	14.6	54.6
79	28.5	11.7	51.7



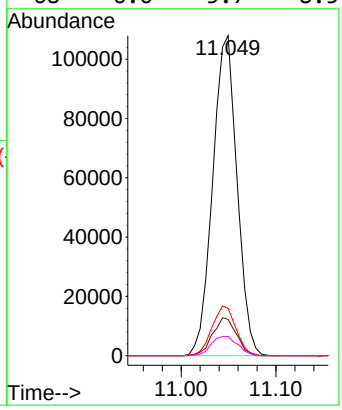


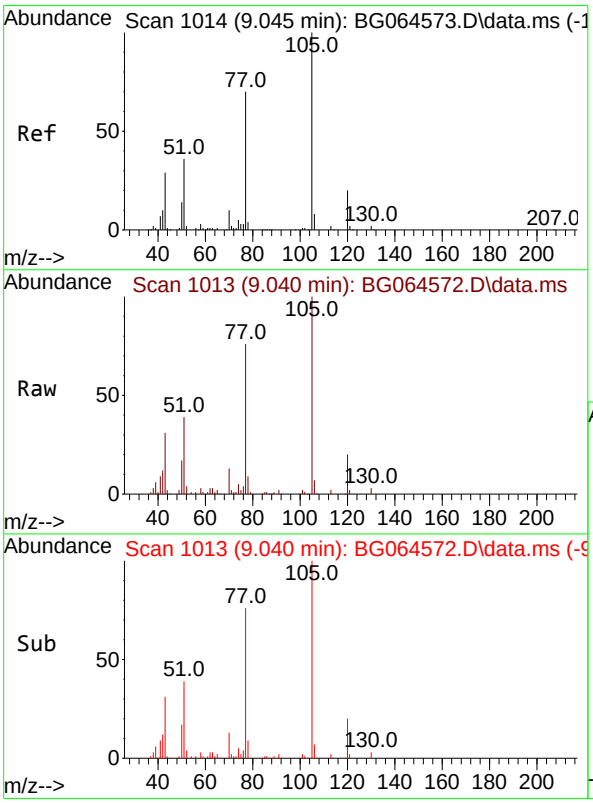
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.049 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:136 Resp: 192551

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	14.8	12.6	19.0
68	6.0	5.7	8.5

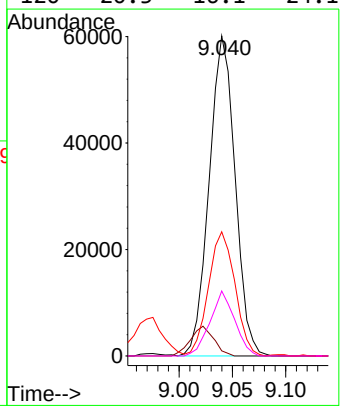


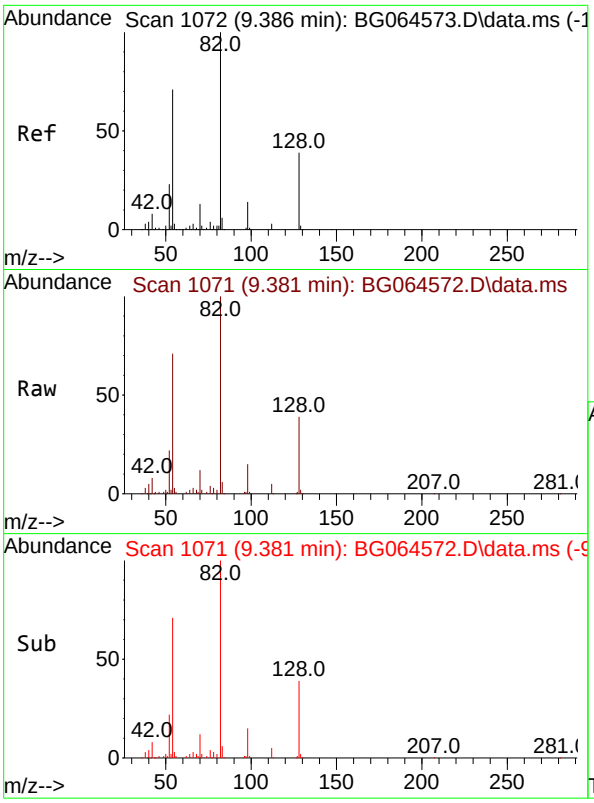


#22
Acetophenone
Concen: 19.328 ng
RT: 9.040 min Scan# 1013
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:105 Resp: 101737

Ion	Ratio	Lower	Upper
105	100		
71	1.6	1.5	2.3
51	38.8	33.7	50.5
120	20.3	16.1	24.1



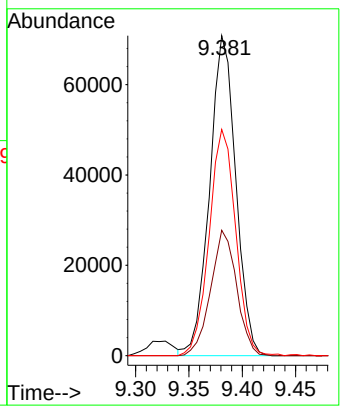


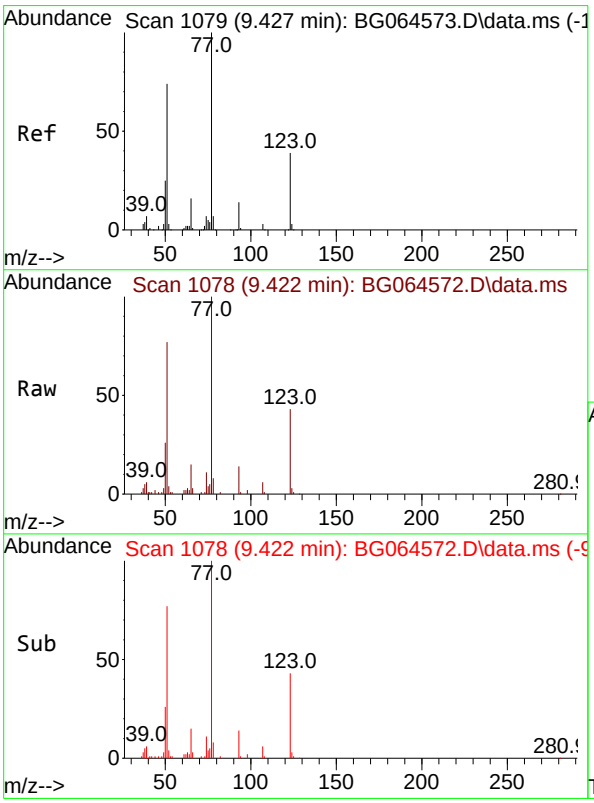
#23
Nitrobenzene-d5
Concen: 37.777 ng
RT: 9.381 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 121107

Ion	Ratio	Lower	Upper
82	100		
128	39.2	31.3	46.9
54	70.7	56.6	84.8

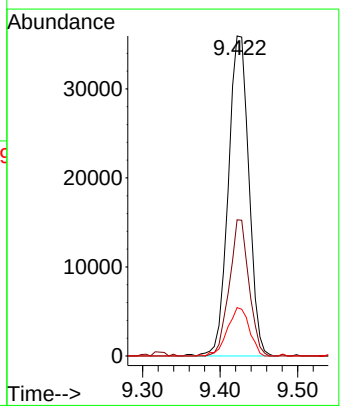


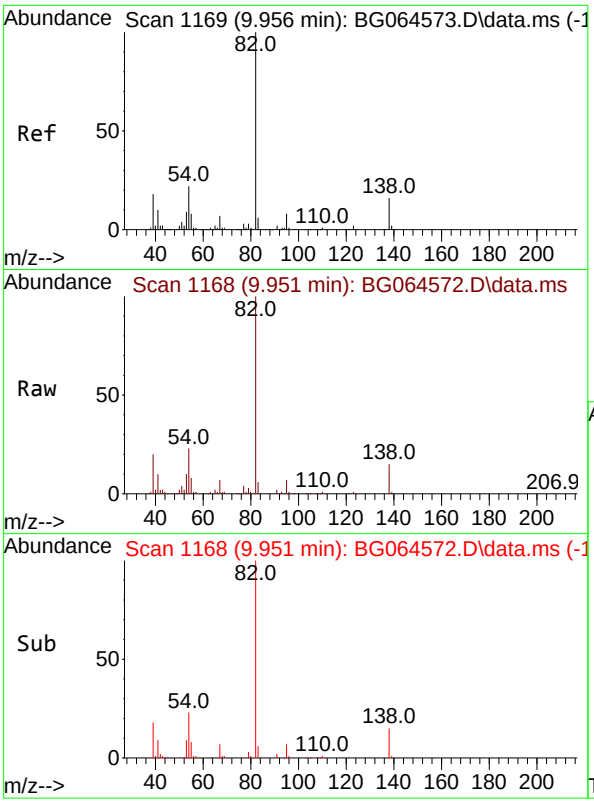


#24
Nitrobenzene
Concen: 19.012 ng
RT: 9.422 min Scan# 1078
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion: 77 Resp: 66292

Ion	Ratio	Lower	Upper
77	100		
123	42.6	31.0	46.6
65	15.1	12.7	19.1



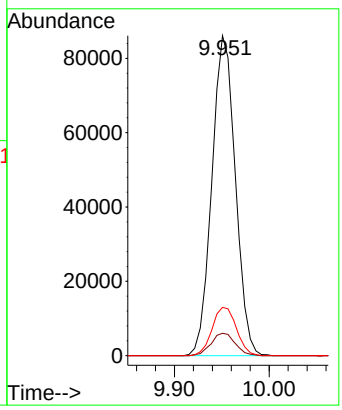


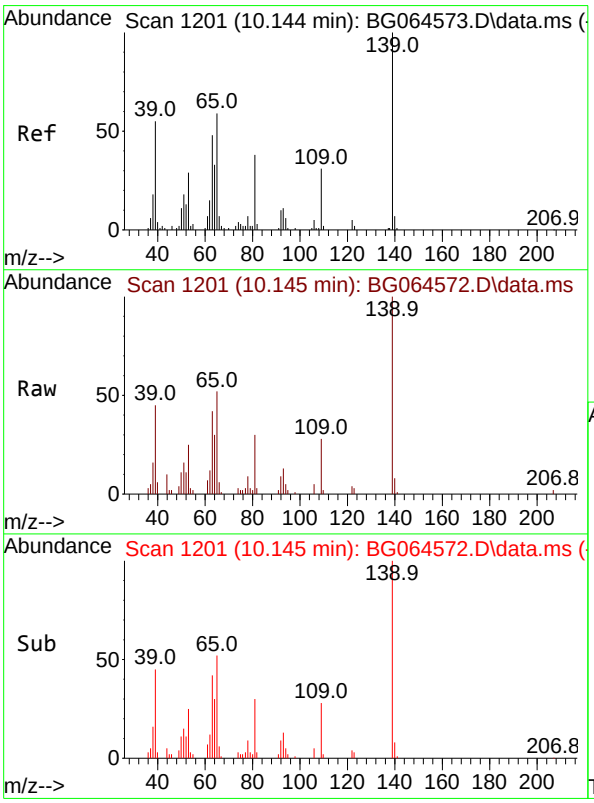
#25
Isophorone
Concen: 19.290 ng
RT: 9.951 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 148388

Ion	Ratio	Lower	Upper
82	100		
95	7.0	6.1	9.1
138	15.1	13.0	19.4

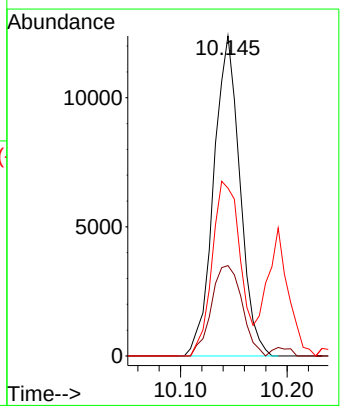


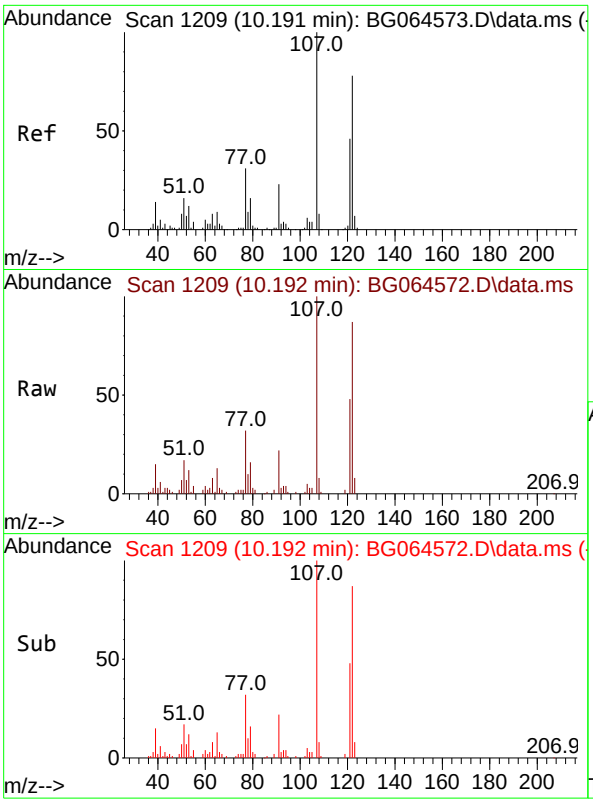


#26
2-Nitrophenol
Concen: 17.837 ng
RT: 10.145 min Scan# 1201
Delta R.T. 0.001 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:139 Resp: 21166

Ion	Ratio	Lower	Upper
139	100		
109	28.2	24.6	37.0
65	52.4	47.5	71.3



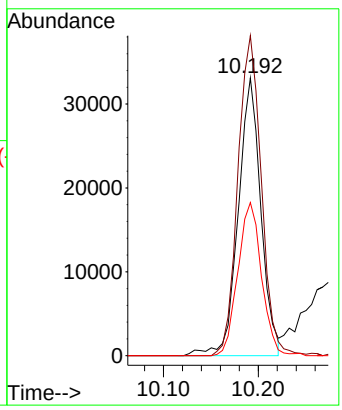


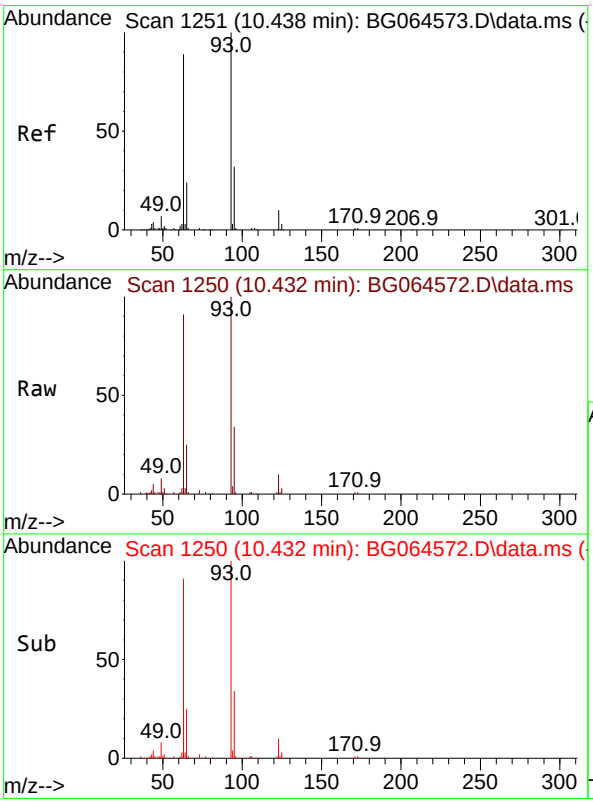
#27
2,4-Dimethylphenol
Concen: 19.211 ng
RT: 10.192 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:122 Resp: 54972

Ion	Ratio	Lower	Upper
122	100		
107	115.2	103.0	154.4
121	55.1	47.8	71.8

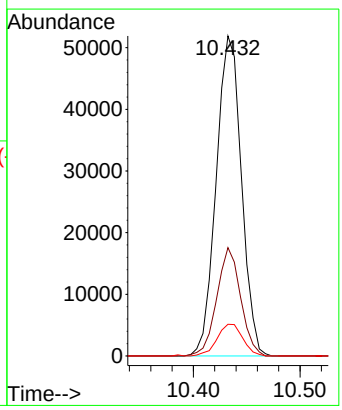


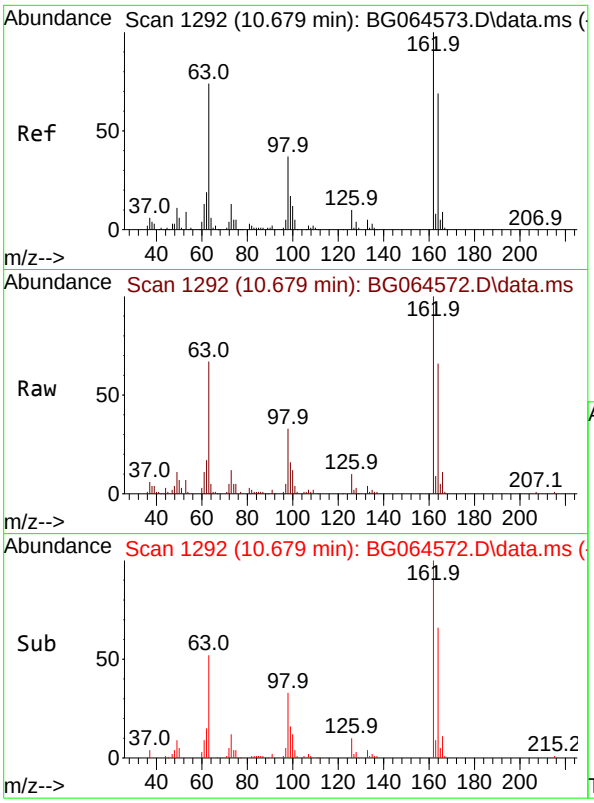


#28
bis(2-Chloroethoxy)methane
Concen: 19.458 ng
RT: 10.432 min Scan# 1250
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion: 93 Resp: 85225

Ion	Ratio	Lower	Upper
93	100		
95	33.8	25.4	38.2
123	9.9	8.4	12.6



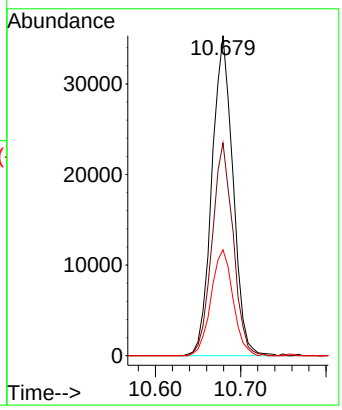


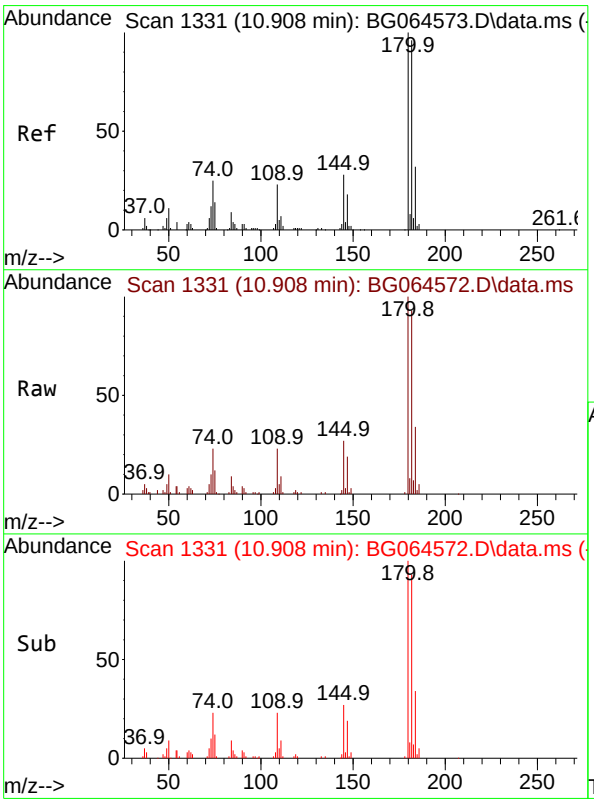
#29
2,4-Dichlorophenol
Concen: 19.710 ng
RT: 10.679 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 60695

Ion	Ratio	Lower	Upper
162	100		
164	66.4	48.7	88.7
98	33.1	16.9	56.9

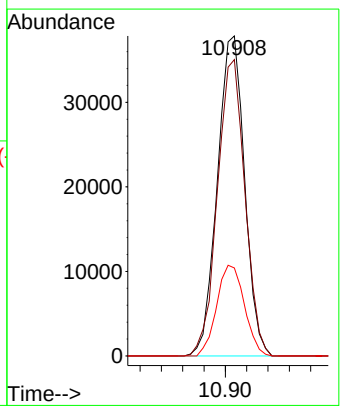


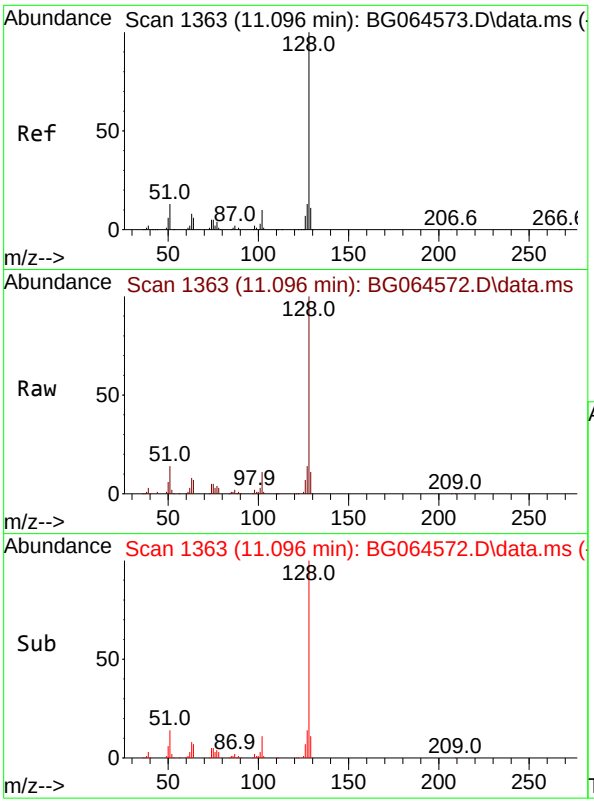


#30
1,2,4-Trichlorobenzene
Concen: 19.171 ng
RT: 10.908 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:180 Resp: 67078

Ion	Ratio	Lower	Upper
180	100		
182	92.6	76.9	115.3
145	27.5	22.1	33.1



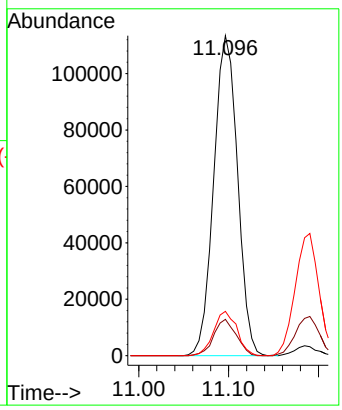


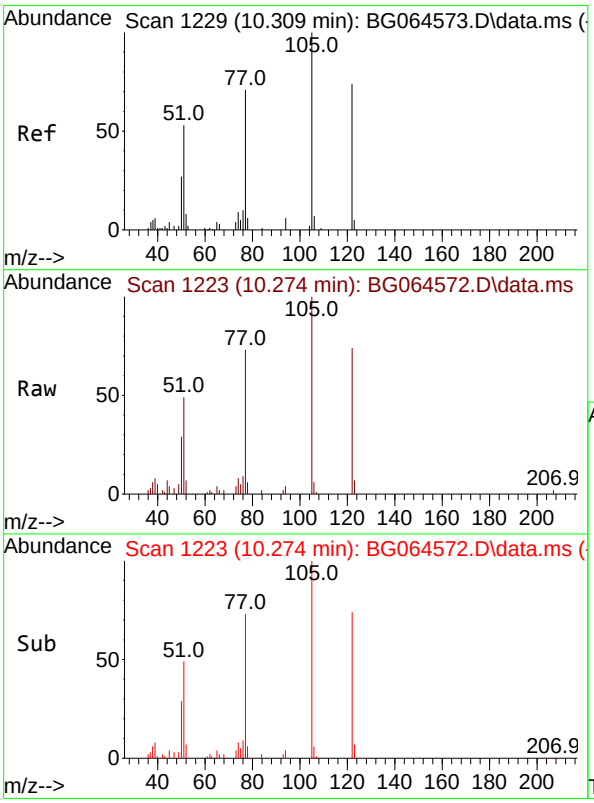
#31
Naphthalene
Concen: 19.552 ng
RT: 11.096 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:128 Resp: 208734

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.9	10.6	15.8

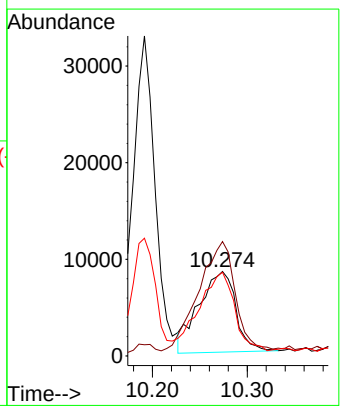


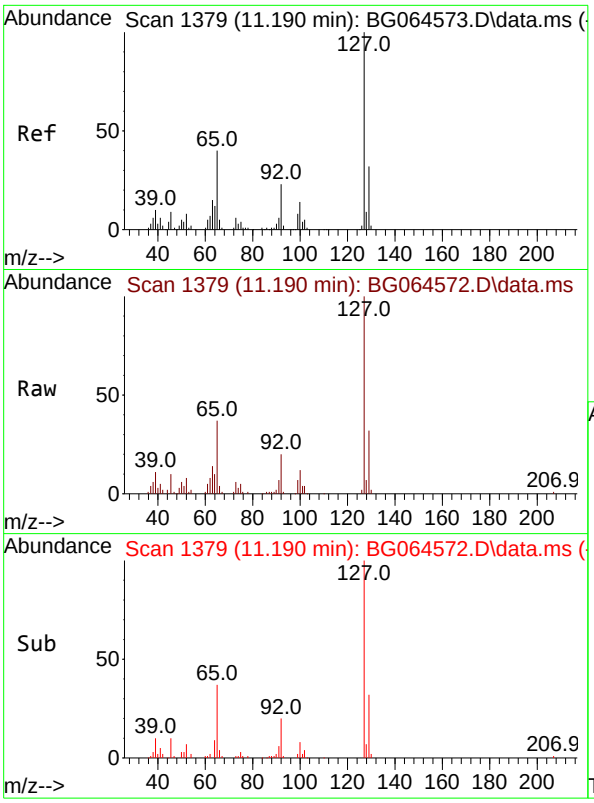


#32
Benzoic acid
Concen: 14.433 ng
RT: 10.274 min Scan# 1223
Delta R.T. -0.035 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:122 Resp: 22667

Ion	Ratio	Lower	Upper
122	100		
105	135.4	104.2	144.2
77	99.0	70.2	110.2



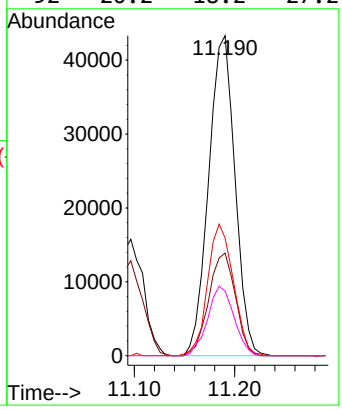


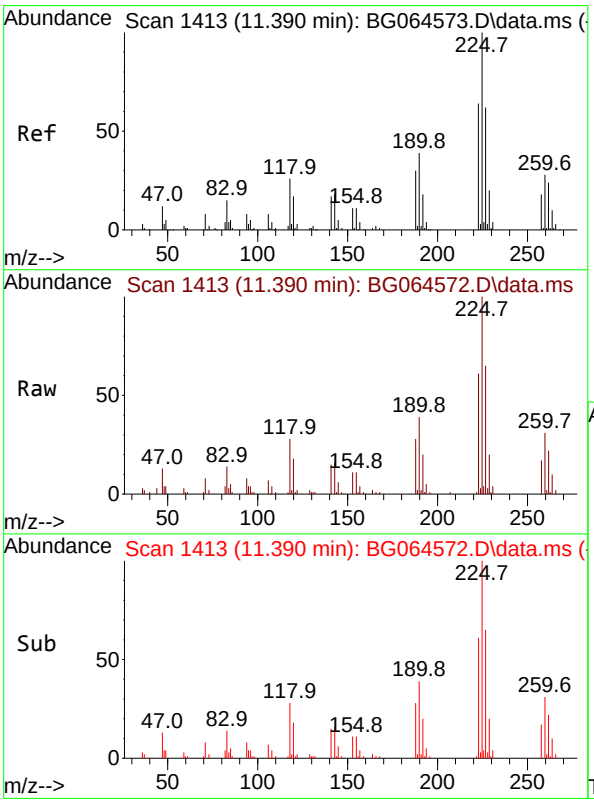
#33
4-Chloroaniline
Concen: 19.055 ng
RT: 11.190 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:127 Resp: 79067

Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.5	38.3
65	36.8	32.2	48.4
92	20.2	18.2	27.2

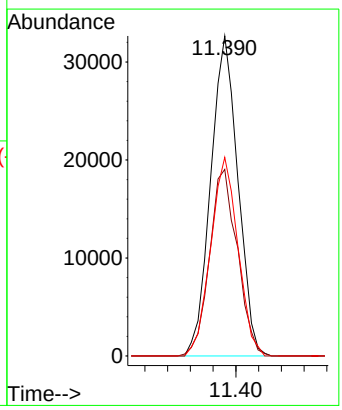


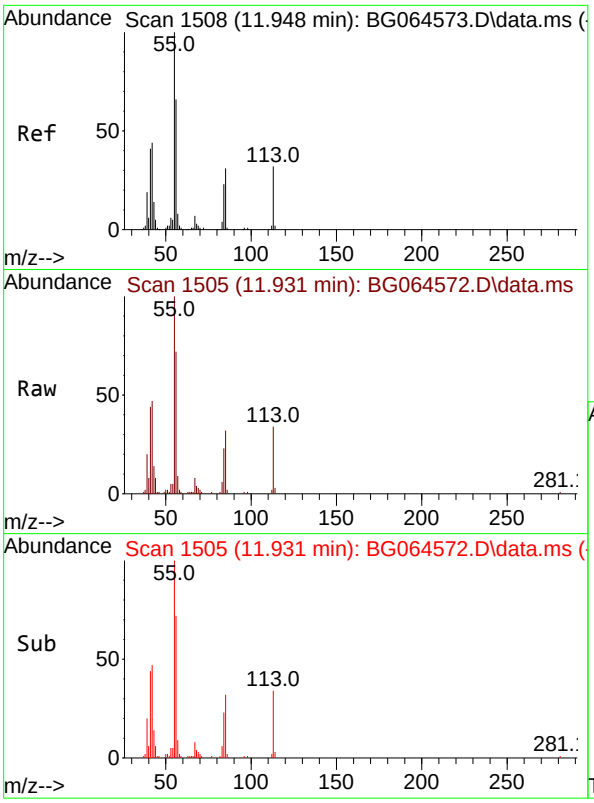


#34
Hexachlorobutadiene
Concen: 19.820 ng
RT: 11.390 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:225 Resp: 54233

Ion	Ratio	Lower	Upper
225	100		
223	58.3	48.8	73.2
227	62.1	49.5	74.3



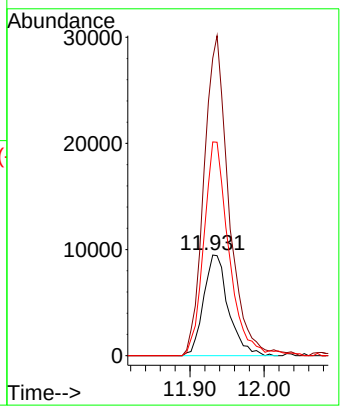


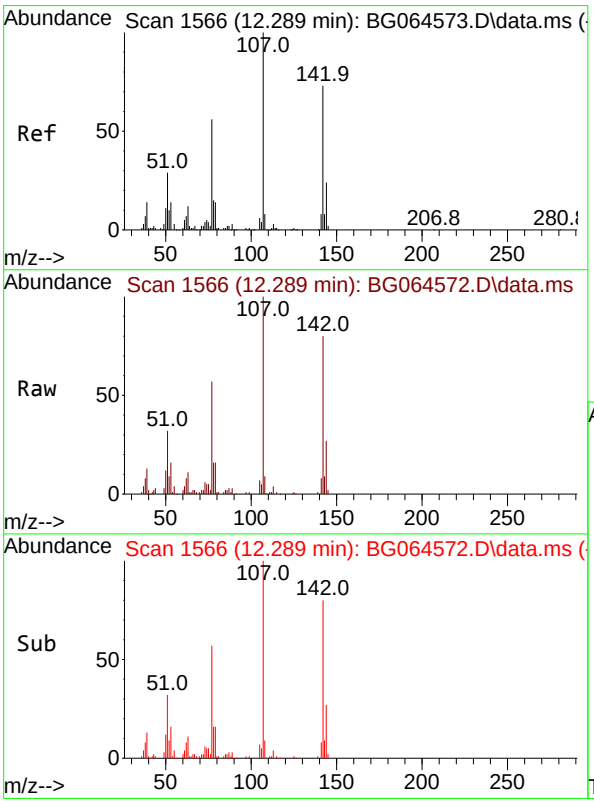
#35
Caprolactam
Concen: 18.635 ng
RT: 11.931 min Scan# 1
Delta R.T. -0.017 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:113 Resp: 22010

Ion	Ratio	Lower	Upper
113	100		
55	295.5	290.1	330.1
56	212.3	183.8	223.8

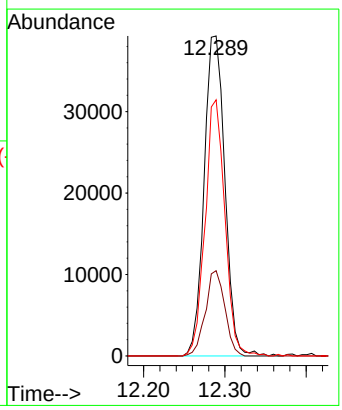


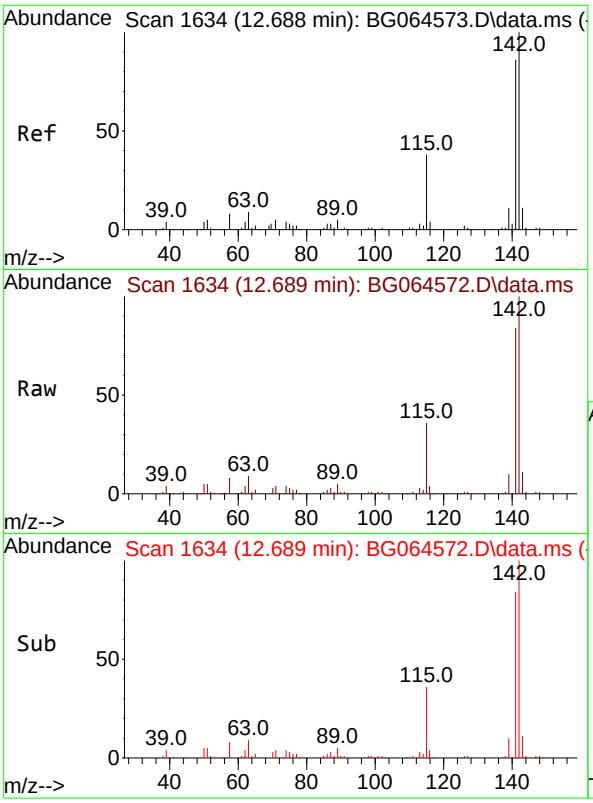


#36
4-Chloro-3-methylphenol
Concen: 18.798 ng
RT: 12.289 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:107 Resp: 69582

Ion	Ratio	Lower	Upper
107	100		
144	26.6	19.1	28.7
142	80.0	58.6	87.8



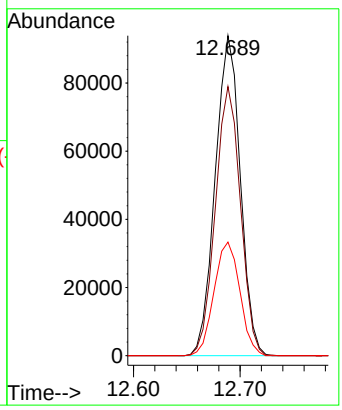


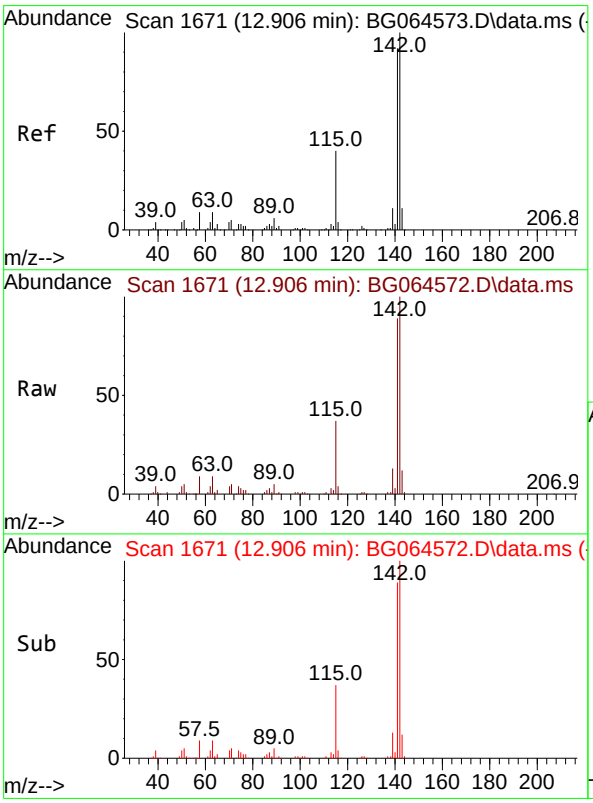
#37
2-Methylnaphthalene
Concen: 19.577 ng
RT: 12.689 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:142 Resp: 153445

Ion	Ratio	Lower	Upper
142	100		
141	84.1	68.9	103.3
115	35.5	30.6	46.0

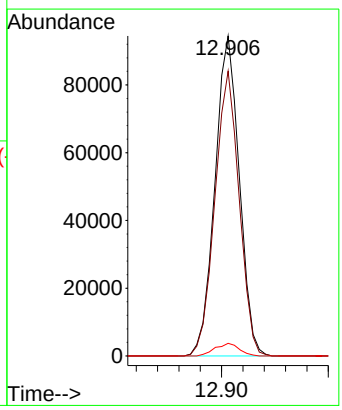


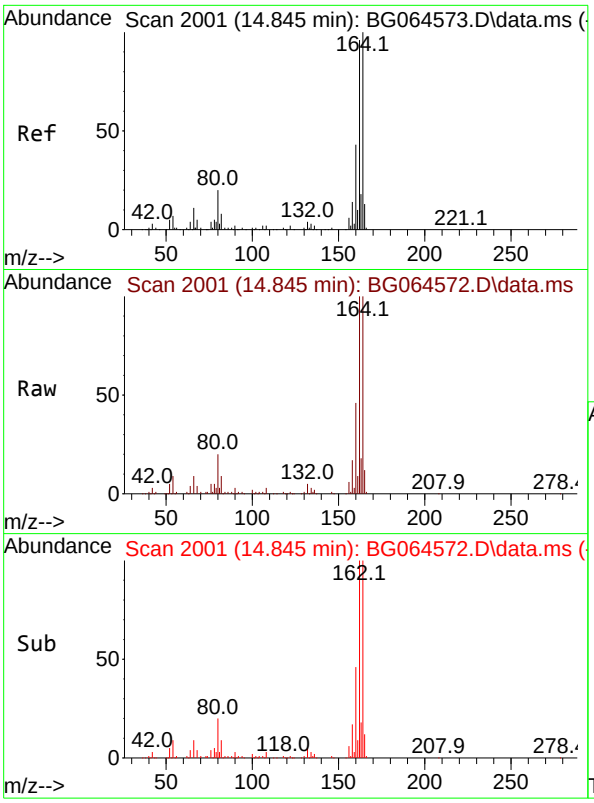


#38
1-Methylnaphthalene
Concen: 19.266 ng
RT: 12.906 min Scan# 1671
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:142 Resp: 149456

Ion	Ratio	Lower	Upper
142	100		
141	89.0	73.3	109.9
116	3.9	3.1	4.7



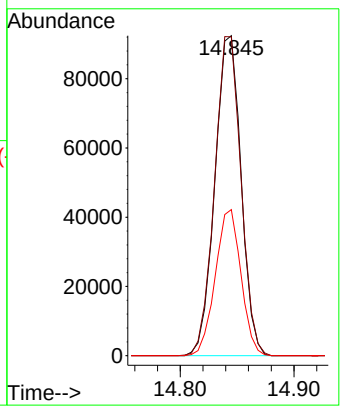


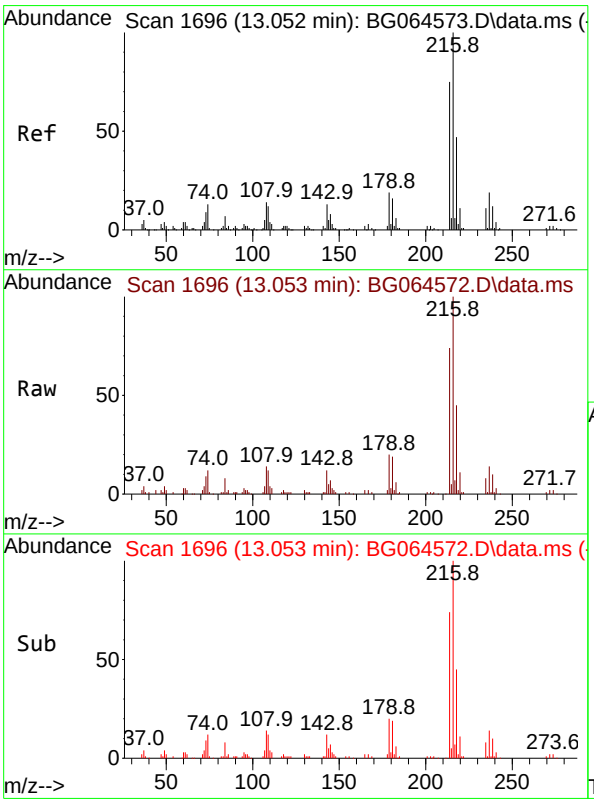
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.845 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:164 Resp: 147520

Ion	Ratio	Lower	Upper
164	100		
162	99.6	77.0	115.6
160	45.6	34.4	51.6

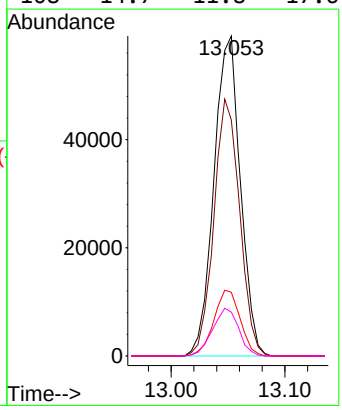


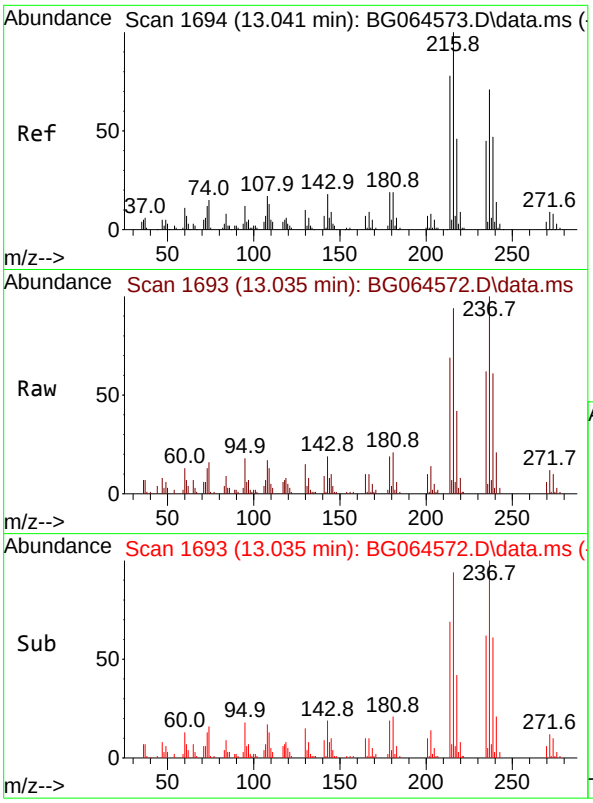


#40
1,2,4,5-Tetrachlorobenzene
Concen: 19.320 ng
RT: 13.053 min Scan# 1696
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:216 Resp: 95653

Ion	Ratio	Lower	Upper
216	100		
214	78.1	61.4	92.2
179	20.4	15.4	23.0
108	14.7	11.8	17.6



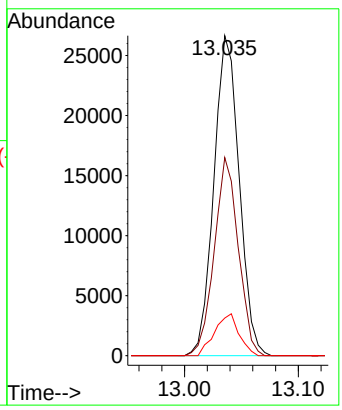


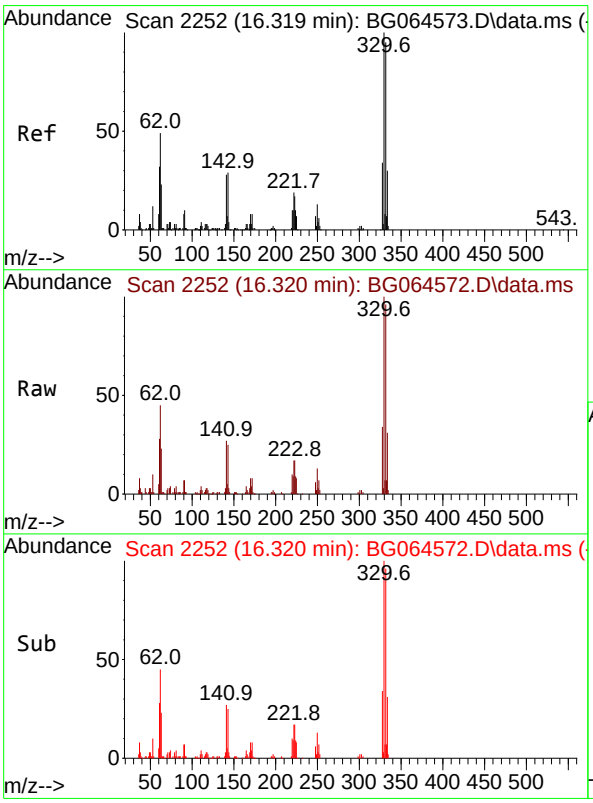
#41
Hexachlorocyclopentadiene
Concen: 18.479 ng
RT: 13.035 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:237 Resp: 41178

Ion	Ratio	Lower	Upper
237	100		
235	61.9	44.1	84.1
272	11.7	0.0	32.4

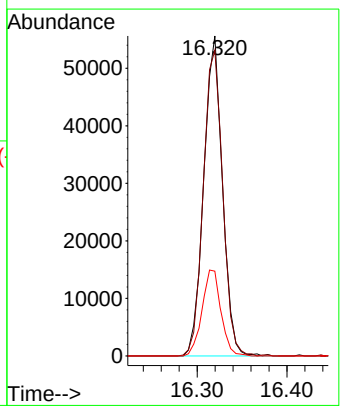


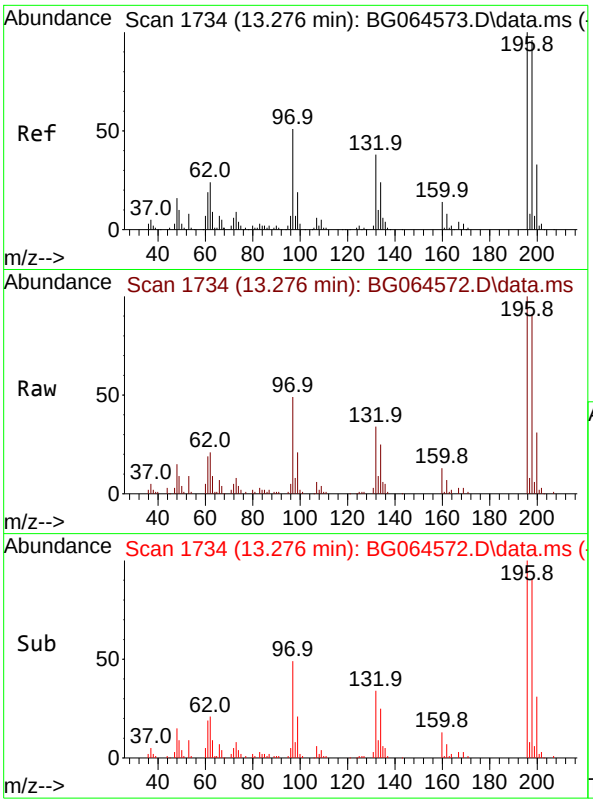


#42
2,4,6-Tribromophenol
Concen: 37.682 ng
RT: 16.320 min Scan# 2252
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:330 Resp: 80231

Ion	Ratio	Lower	Upper
330	100		
332	99.2	78.0	117.0
141	27.2	21.8	32.6



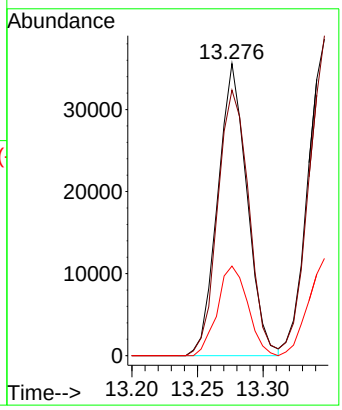


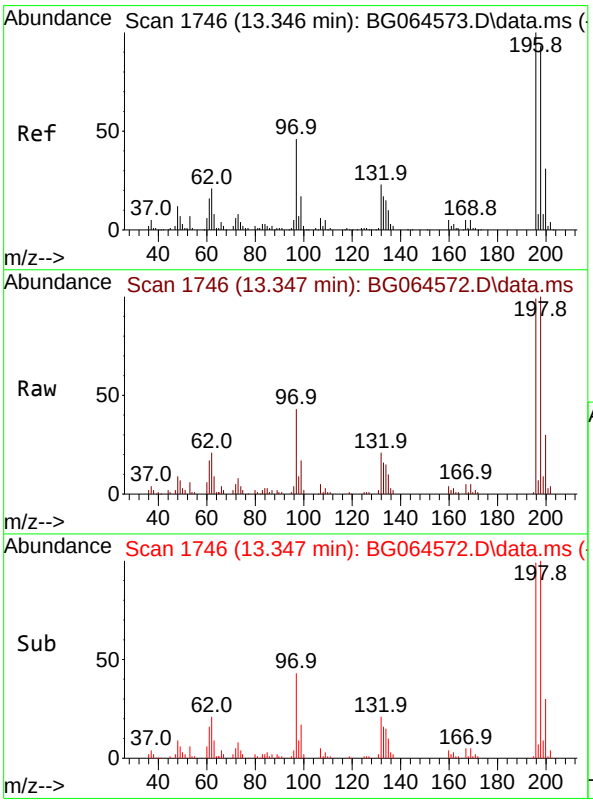
#43
2,4,6-Trichlorophenol
Concen: 19.525 ng
RT: 13.276 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:196 Resp: 55295

Ion	Ratio	Lower	Upper
196	100		
198	90.9	76.6	115.0
200	30.7	26.0	39.0

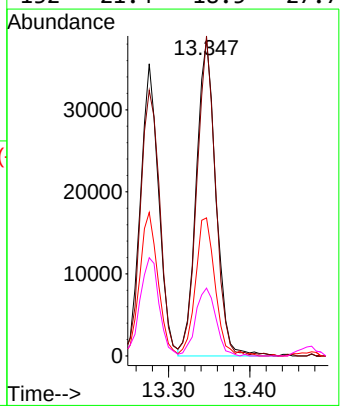


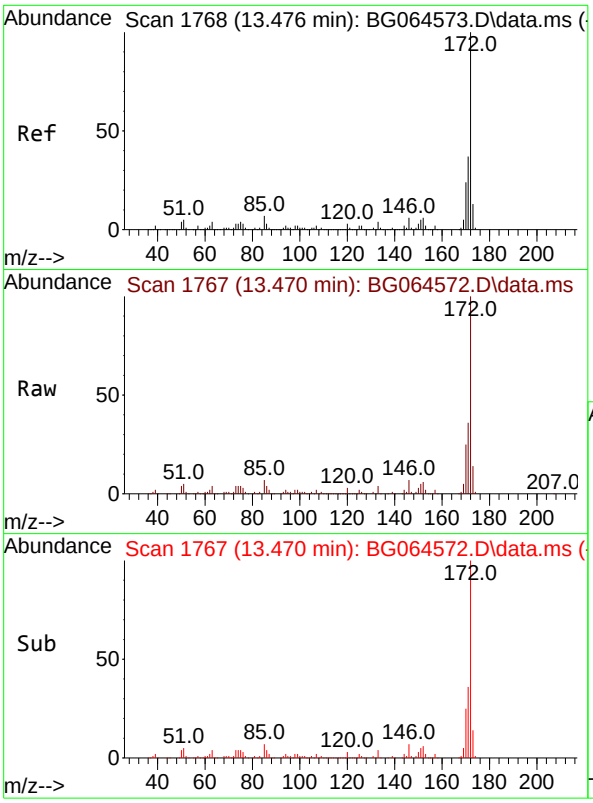


#44
2,4,5-Trichlorophenol
Concen: 19.814 ng
RT: 13.347 min Scan# 1746
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:196 Resp: 64753

Ion	Ratio	Lower	Upper
196	100		
198	101.1	74.2	111.4
97	43.6	37.0	55.6
132	21.4	18.5	27.7



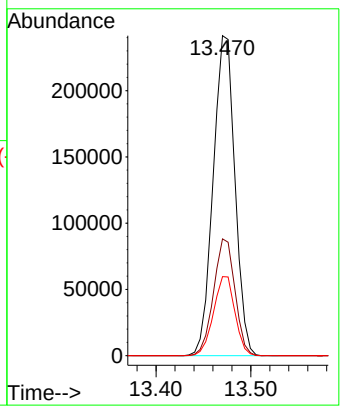


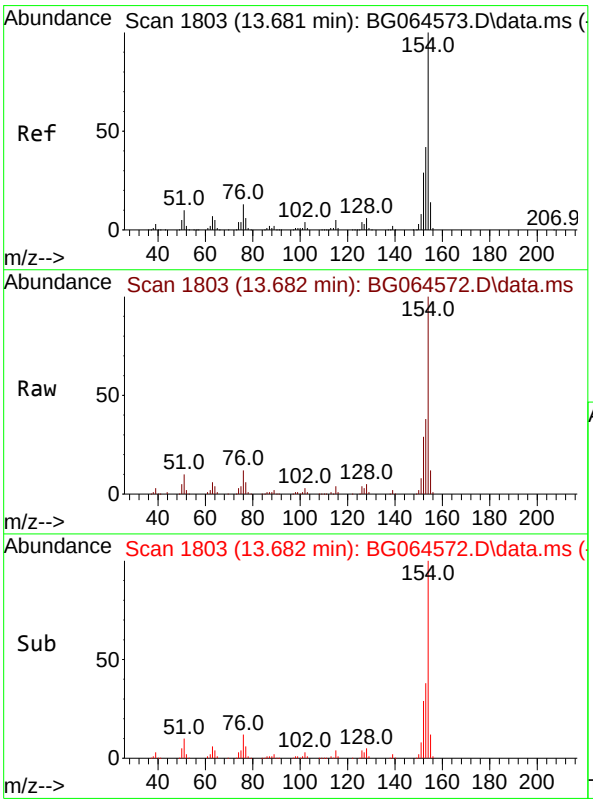
#45
2-Fluorobiphenyl
Concen: 39.584 ng
RT: 13.470 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:172 Resp: 385251

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.7	19.1	28.7

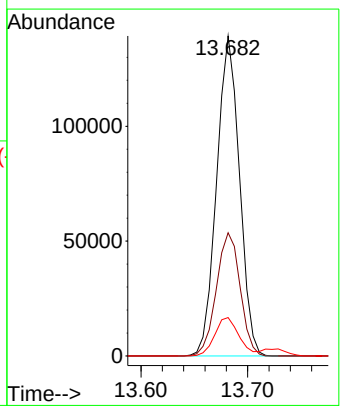


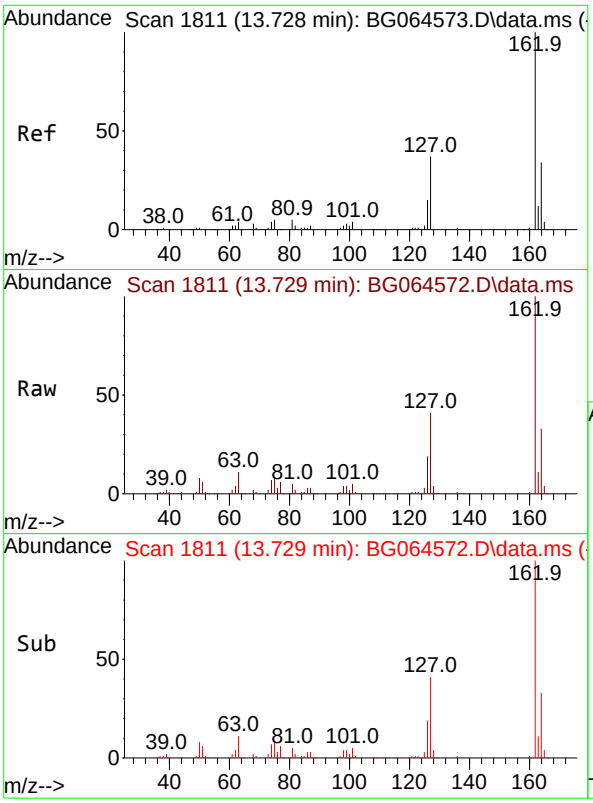


#46
1,1'-Biphenyl
Concen: 19.705 ng
RT: 13.682 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:154 Resp: 206656

Ion	Ratio	Lower	Upper
154	100		
153	38.5	22.4	62.4
76	12.0	0.0	33.5



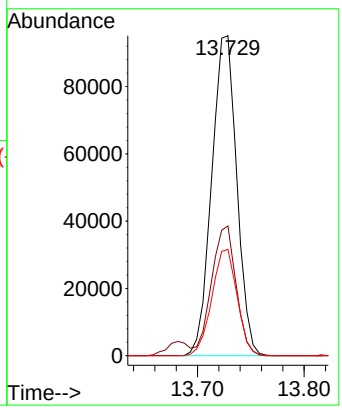


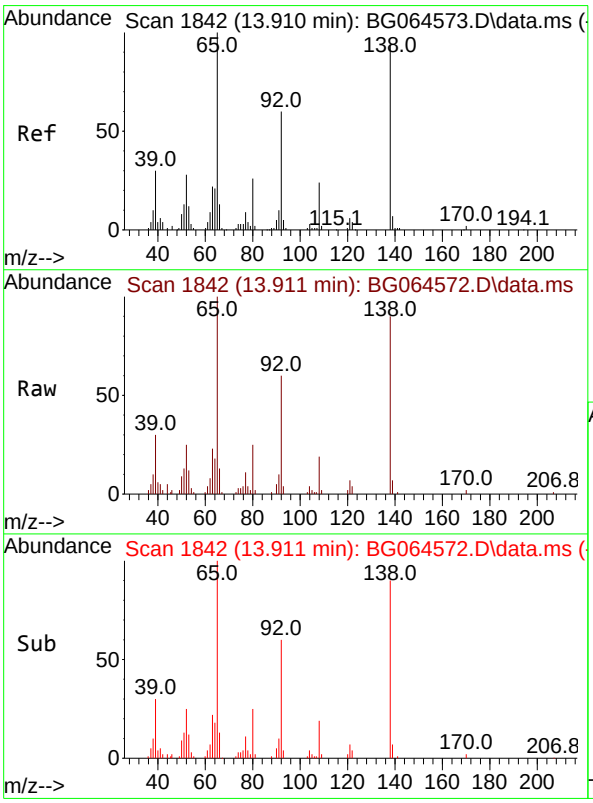
#47
2-Chloronaphthalene
Concen: 19.625 ng
RT: 13.729 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 155356

Ion	Ratio	Lower	Upper
162	100		
127	40.6	32.2	48.2
164	33.2	27.5	41.3

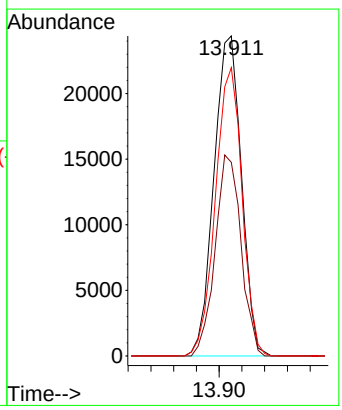


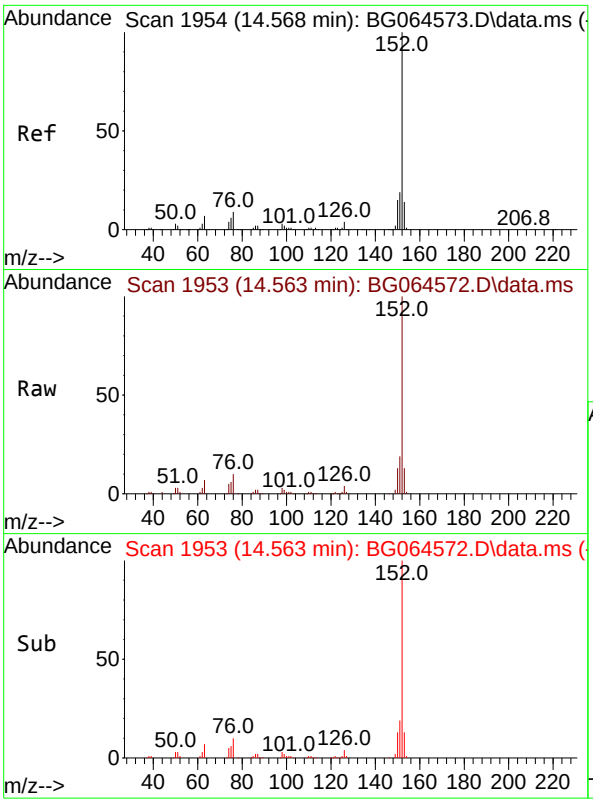


#48
2-Nitroaniline
Concen: 17.565 ng
RT: 13.911 min Scan# 1842
Delta R.T. 0.001 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion: 65 Resp: 40854

Ion	Ratio	Lower	Upper
65	100		
92	60.5	48.3	72.5
138	90.1	74.9	112.3



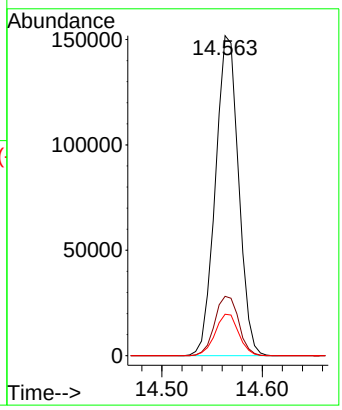


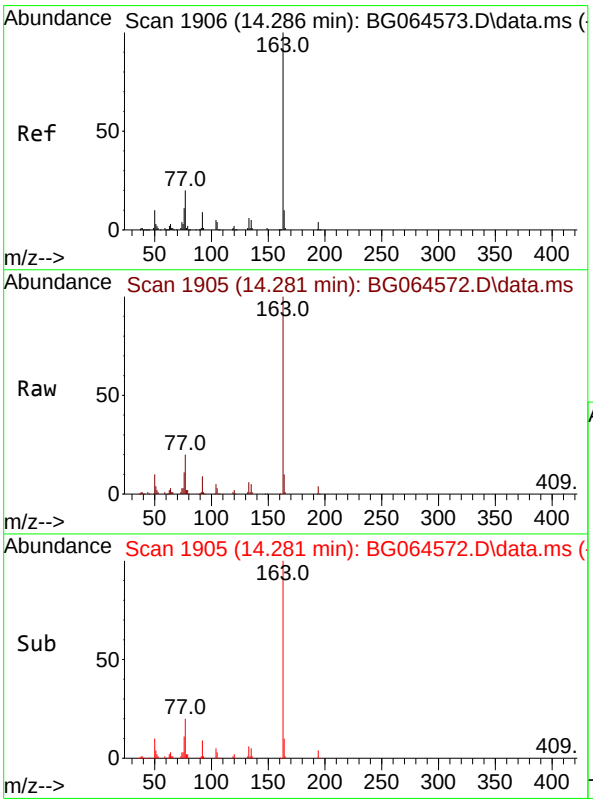
#49
Acenaphthylene
Concen: 19.454 ng
RT: 14.563 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:152 Resp: 242914

Ion	Ratio	Lower	Upper
152	100		
151	18.6	15.4	23.2
153	12.9	11.0	16.4

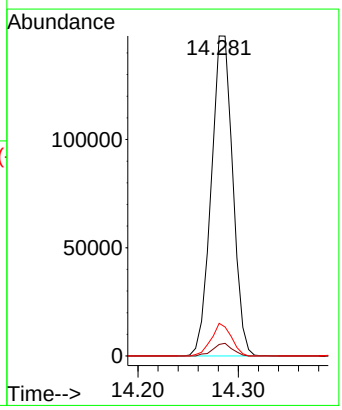


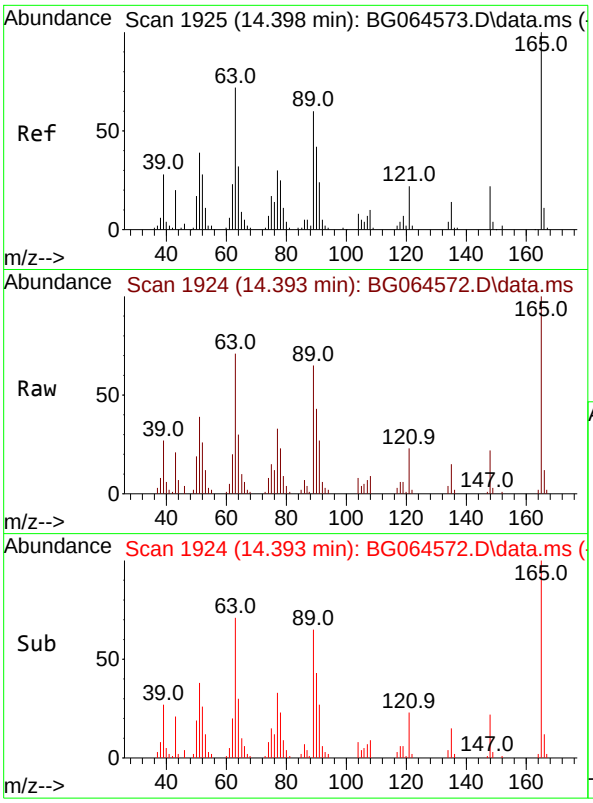


#50
Dimethylphthalate
Concen: 19.452 ng
RT: 14.281 min Scan# 1905
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:163 Resp: 219575

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.8	4.2
164	10.2	7.7	11.5



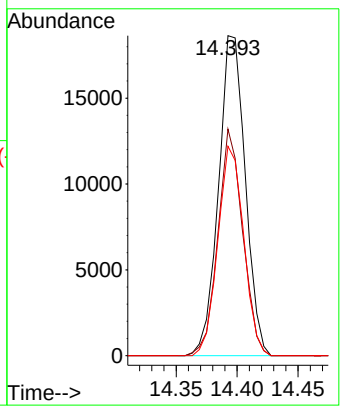


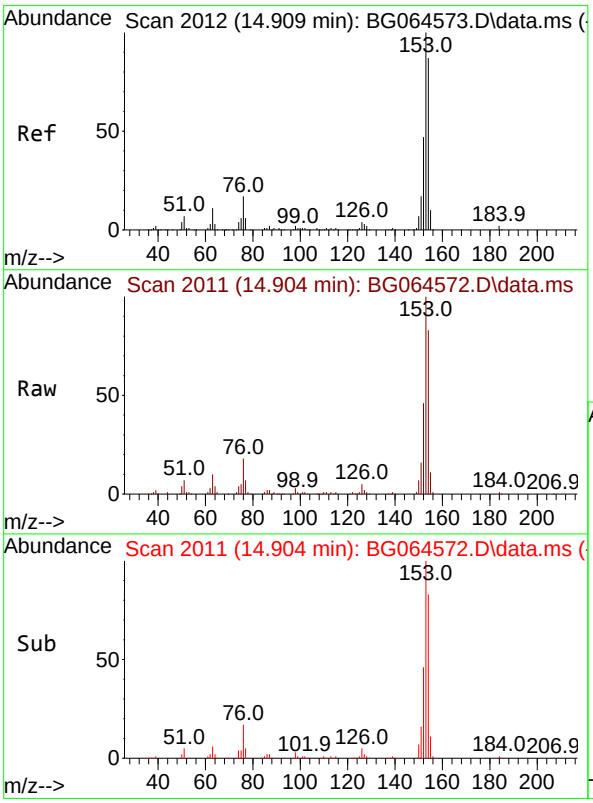
#51
2,6-Dinitrotoluene
Concen: 17.440 ng
RT: 14.393 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 28427

Ion	Ratio	Lower	Upper
165	100		
63	70.8	57.4	86.0
89	65.5	47.8	71.8

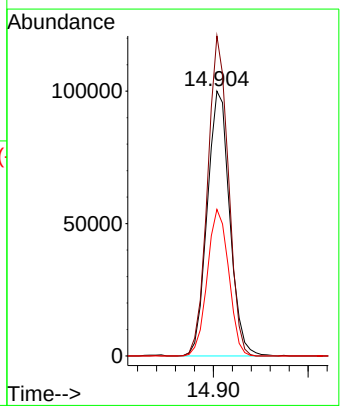


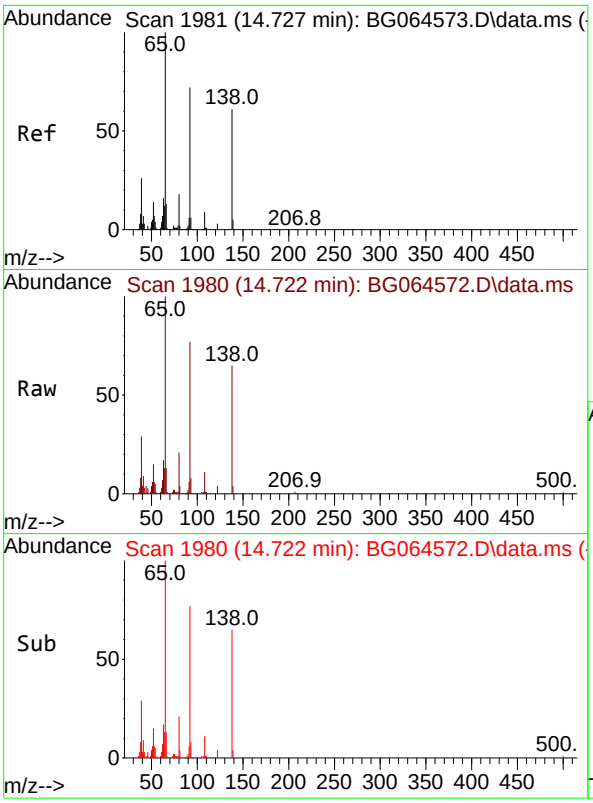


#52
Acenaphthene
Concen: 19.287 ng
RT: 14.904 min Scan# 2011
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:154 Resp: 164542

Ion	Ratio	Lower	Upper
154	100		
153	120.8	92.2	138.4
152	55.3	43.2	64.8



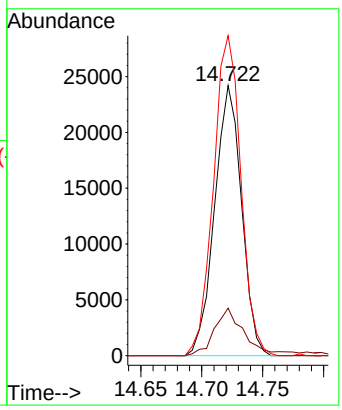


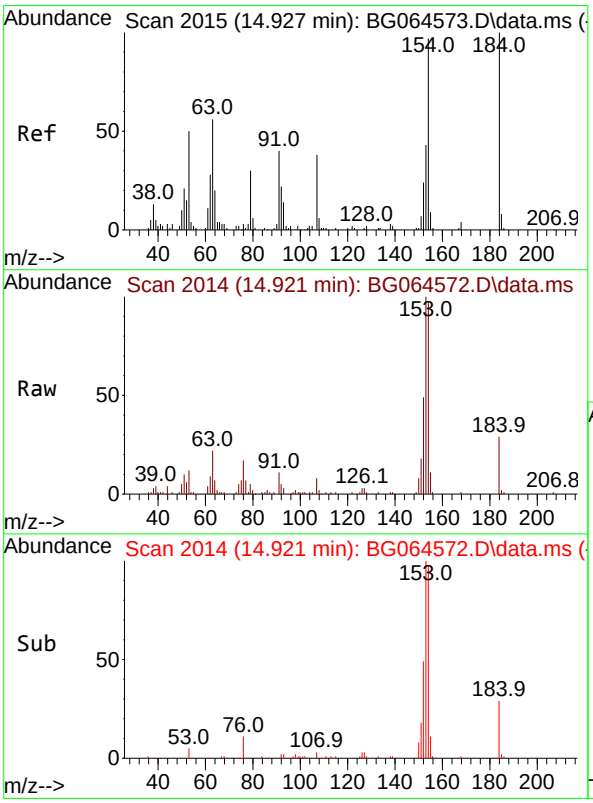
#53
3-Nitroaniline
Concen: 19.193 ng
RT: 14.722 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:138 Resp: 37234

Ion	Ratio	Lower	Upper
138	100		
108	17.6	11.4	17.0#
92	118.5	95.3	142.9

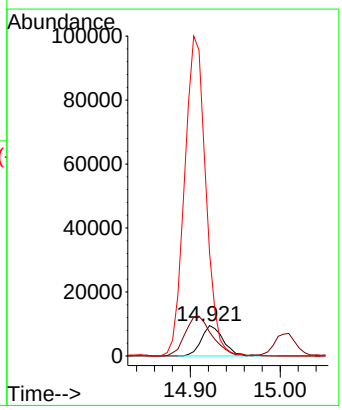


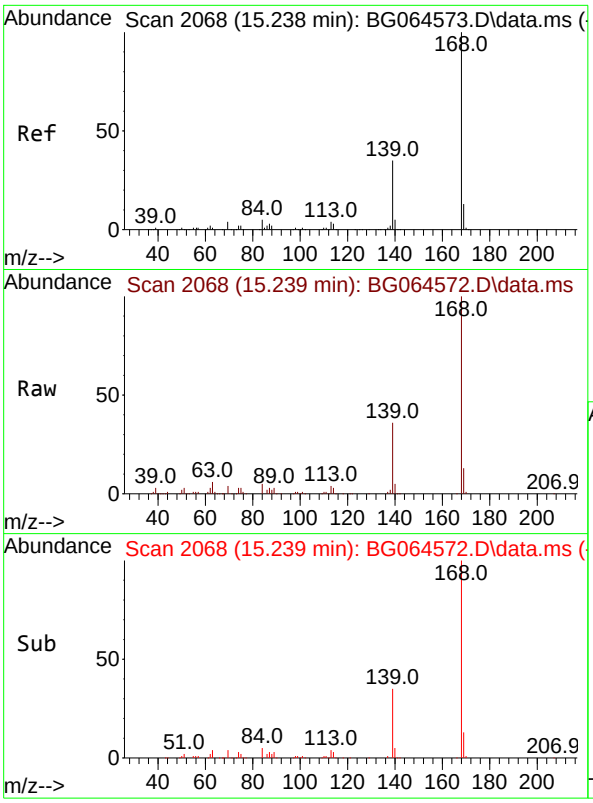


#54
2,4-Dinitrophenol
Concen: 18.744 ng
RT: 14.921 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:184 Resp: 16182

Ion	Ratio	Lower	Upper
184	100		
63	78.3	56.6	85.0
154	339.0	158.6	238.0#



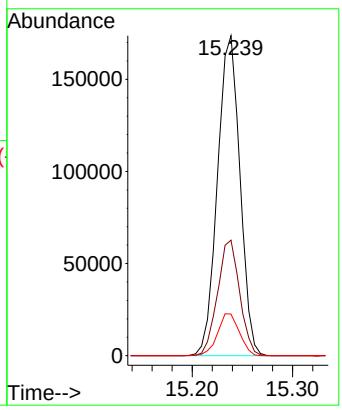


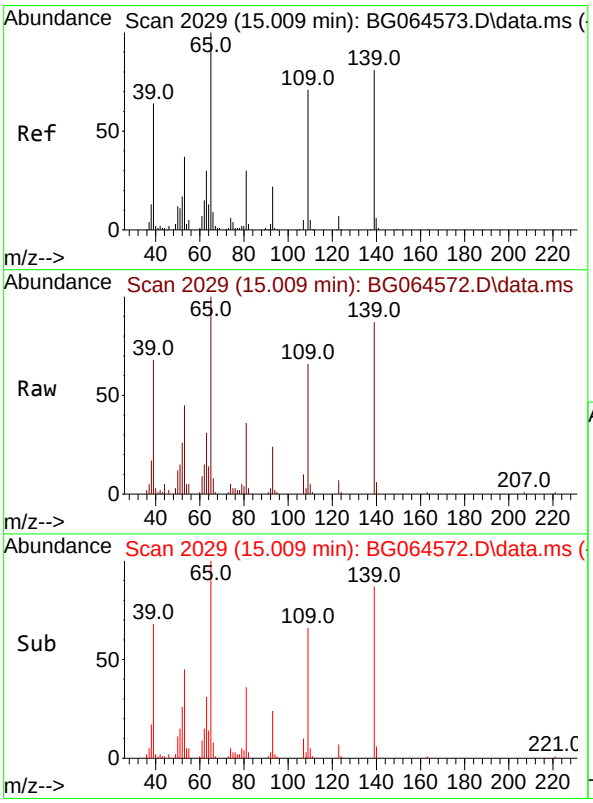
#55
Dibenzofuran
Concen: 19.534 ng
RT: 15.239 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:168 Resp: 269419

Ion	Ratio	Lower	Upper
168	100		
139	36.1	27.8	41.8
169	13.0	10.3	15.5

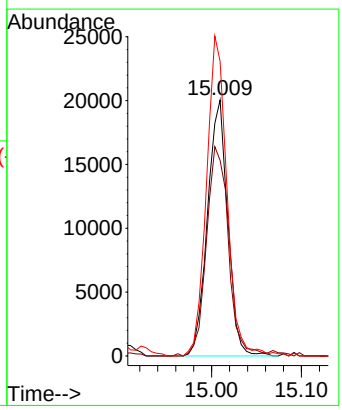


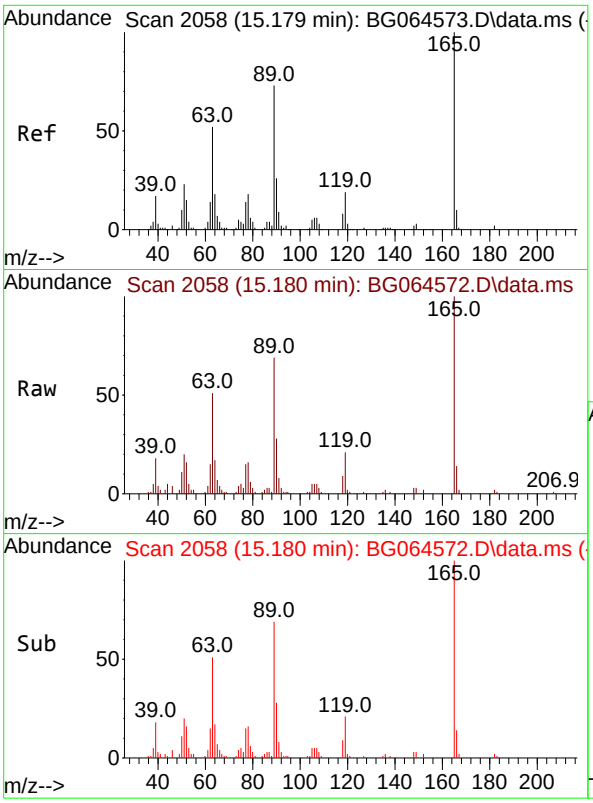


#56
4-Nitrophenol
Concen: 17.439 ng
RT: 15.009 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:139 Resp: 31366

Ion	Ratio	Lower	Upper
139	100		
109	76.4	67.8	107.8
65	115.0	103.7	143.7



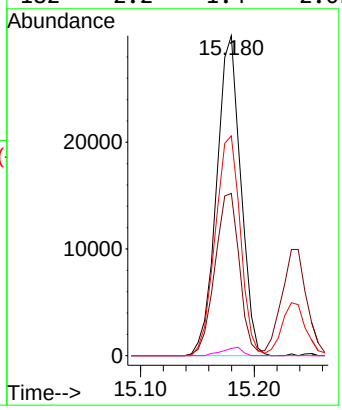


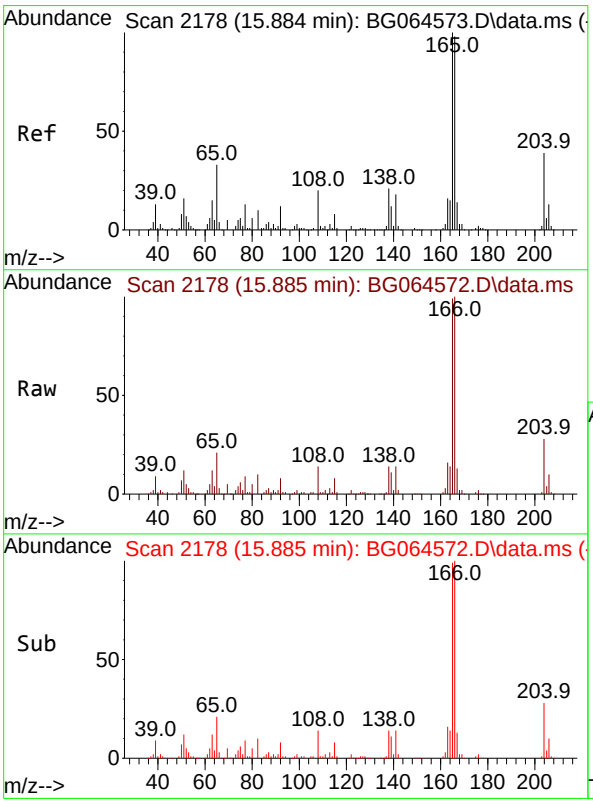
#57
2,4-Dinitrotoluene
Concen: 17.427 ng
RT: 15.180 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 44209

Ion	Ratio	Lower	Upper
165	100		
63	50.7	41.8	62.8
89	68.7	58.1	87.1
182	2.2	1.4	2.0#

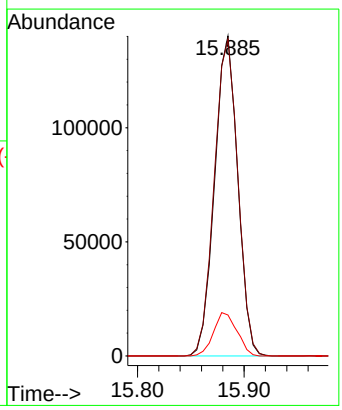


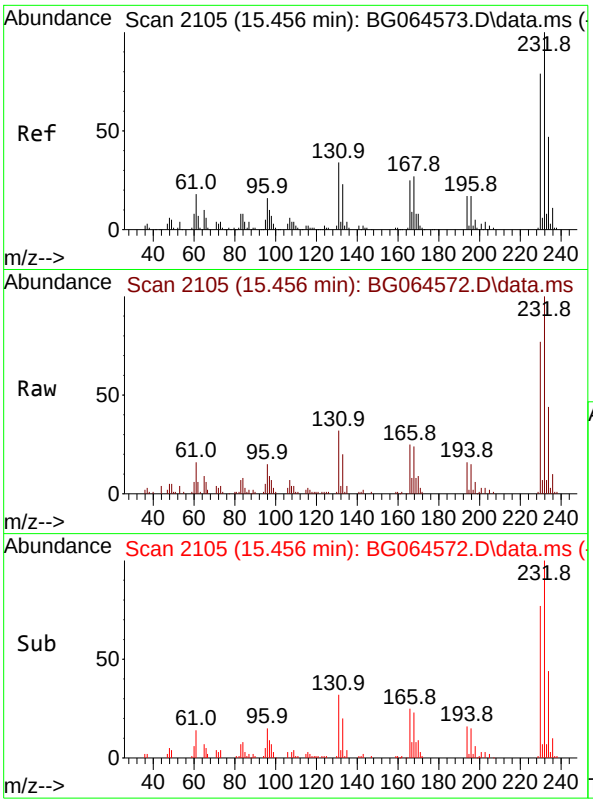


#58
Fluorene
Concen: 19.536 ng
RT: 15.885 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:166 Resp: 210426

Ion	Ratio	Lower	Upper
166	100		
165	99.0	81.5	122.3
167	12.8	11.4	17.0



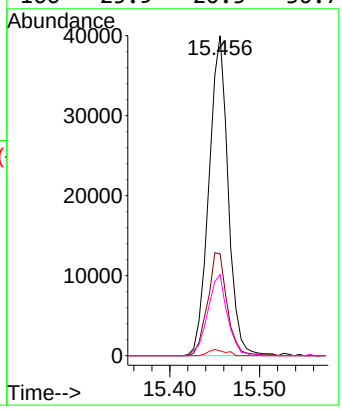


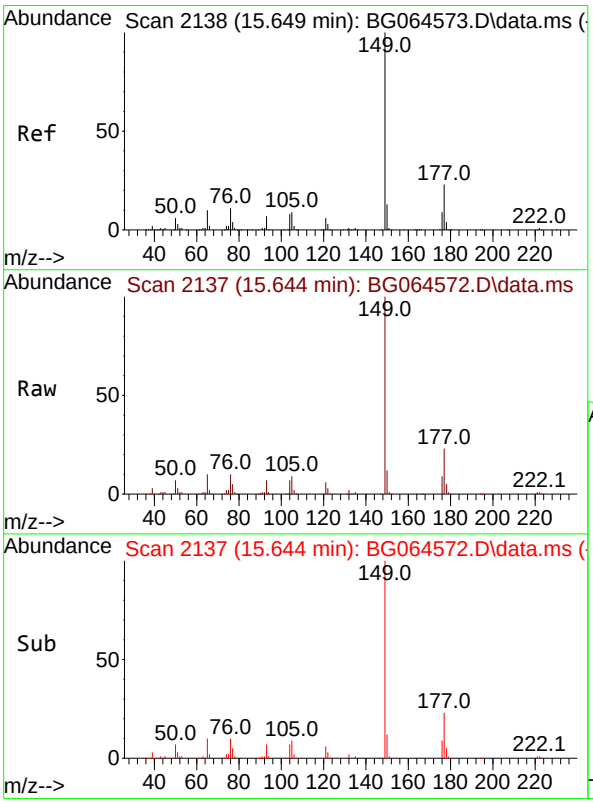
#59
2,3,4,6-Tetrachlorophenol
Concen: 18.980 ng
RT: 15.456 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:232 Resp: 59314

Ion	Ratio	Lower	Upper
232	100		
131	32.5	26.7	40.1
130	1.8	1.6	2.4
166	25.9	20.5	30.7

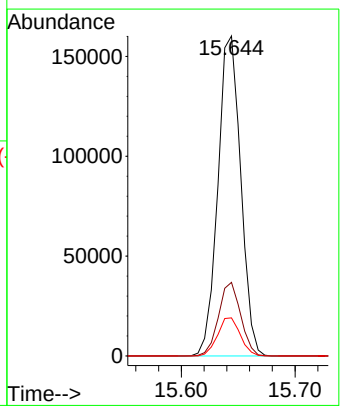


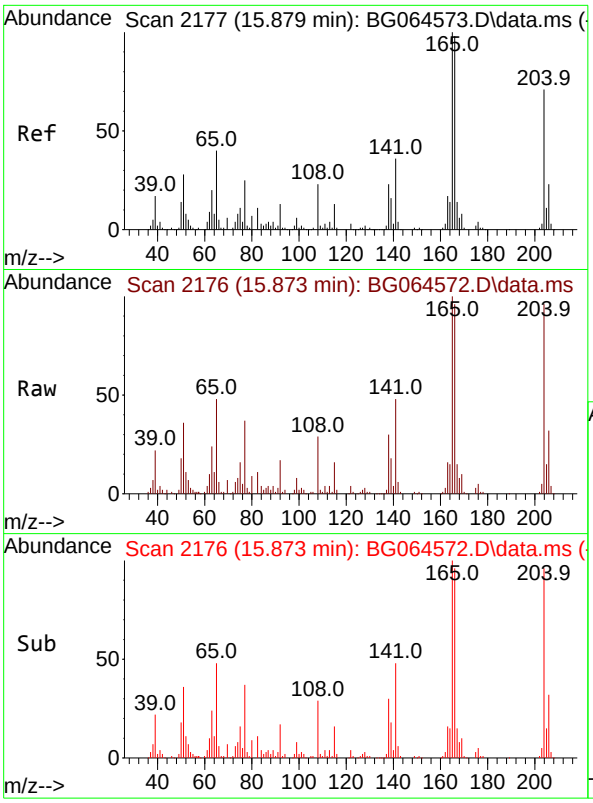


#60
Diethylphthalate
Concen: 19.382 ng
RT: 15.644 min Scan# 2137
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:149 Resp: 223398

Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.0	27.0
150	11.9	10.2	15.4



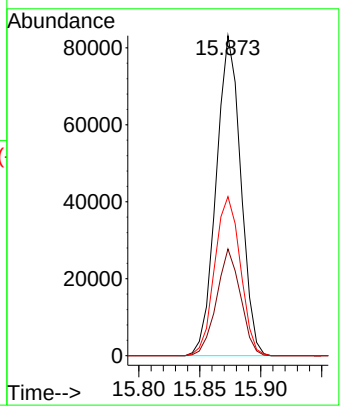


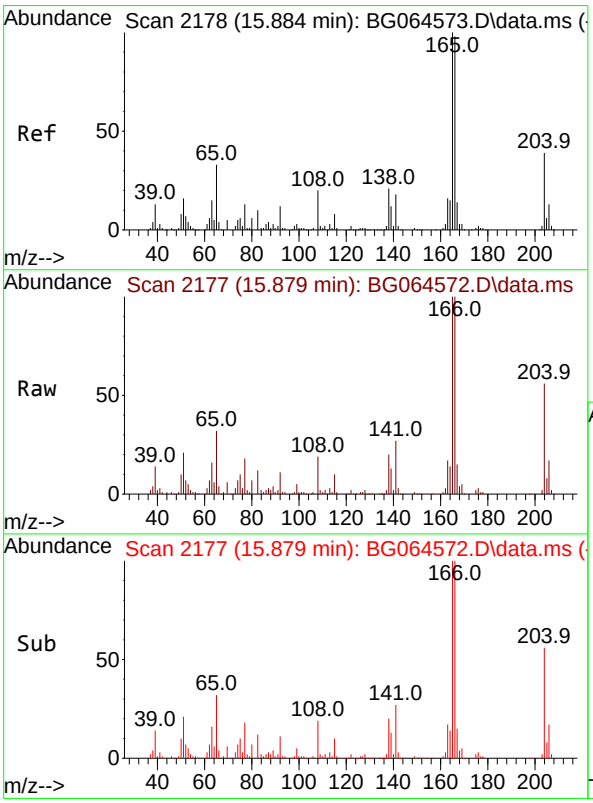
#61
4-Chlorophenyl-phenylether
Concen: 19.333 ng
RT: 15.873 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:204 Resp: 116865

Ion	Ratio	Lower	Upper
204	100		
206	33.3	25.6	38.4
141	49.7	40.6	60.8

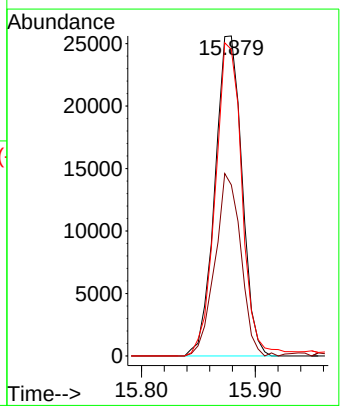


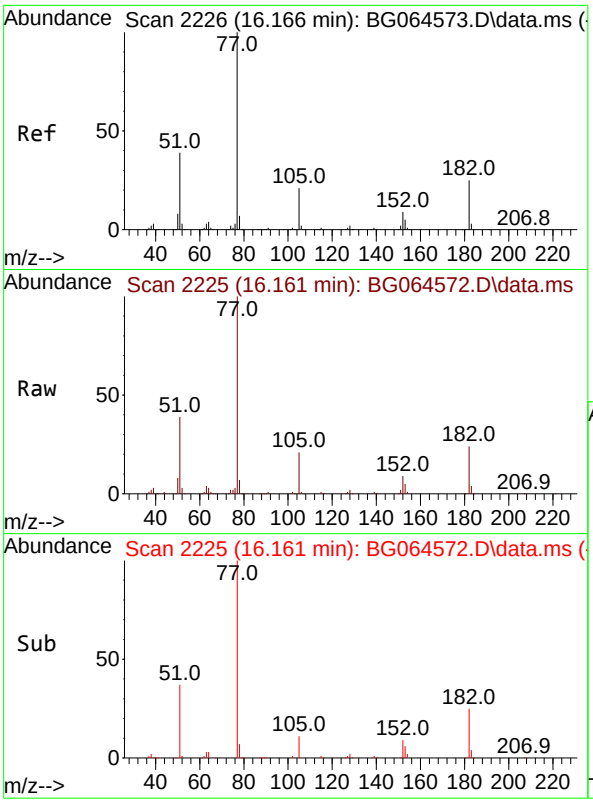


#62
4-Nitroaniline
Concen: 19.582 ng
RT: 15.879 min Scan# 2177
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:138 Resp: 42261

Ion	Ratio	Lower	Upper
138	100		
92	53.4	36.1	76.1
108	95.8	75.6	115.6



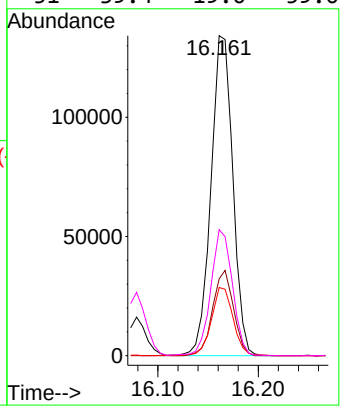


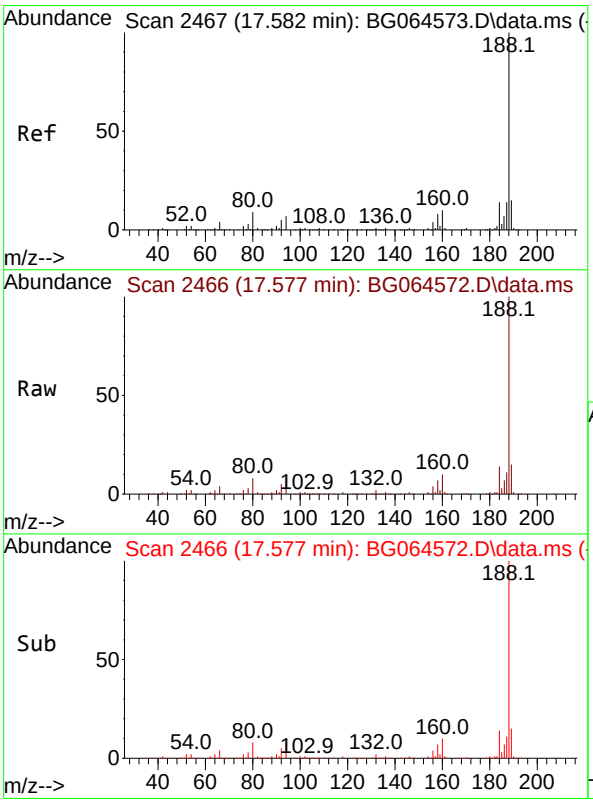
#63
Azobenzene
Concen: 19.205 ng
RT: 16.161 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 203101

Ion	Ratio	Lower	Upper
77	100		
182	24.0	4.9	44.9
105	21.3	1.3	41.3
51	39.4	19.0	59.0

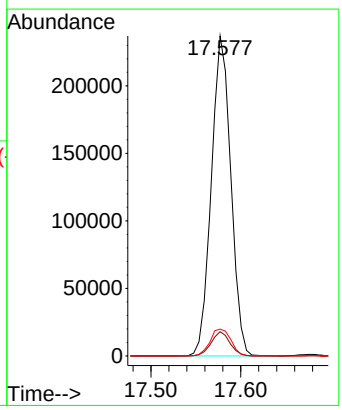


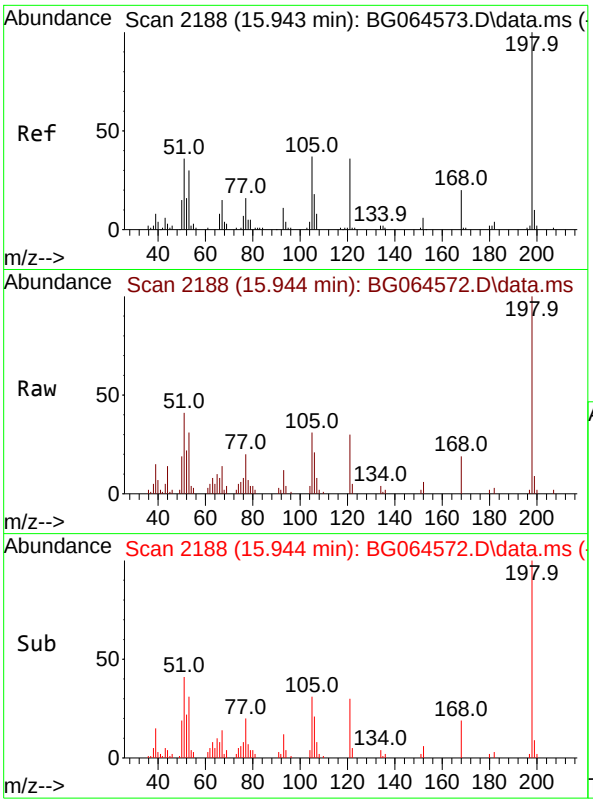


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.577 min Scan# 2466
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:188 Resp: 357228

Ion	Ratio	Lower	Upper
188	100		
94	7.6	5.7	8.5
80	8.4	6.8	10.2



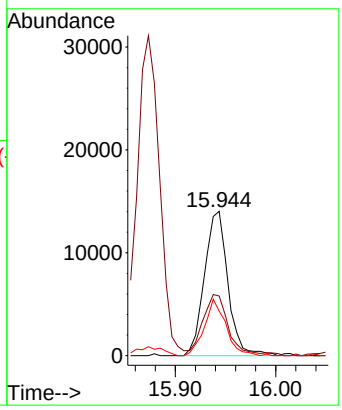


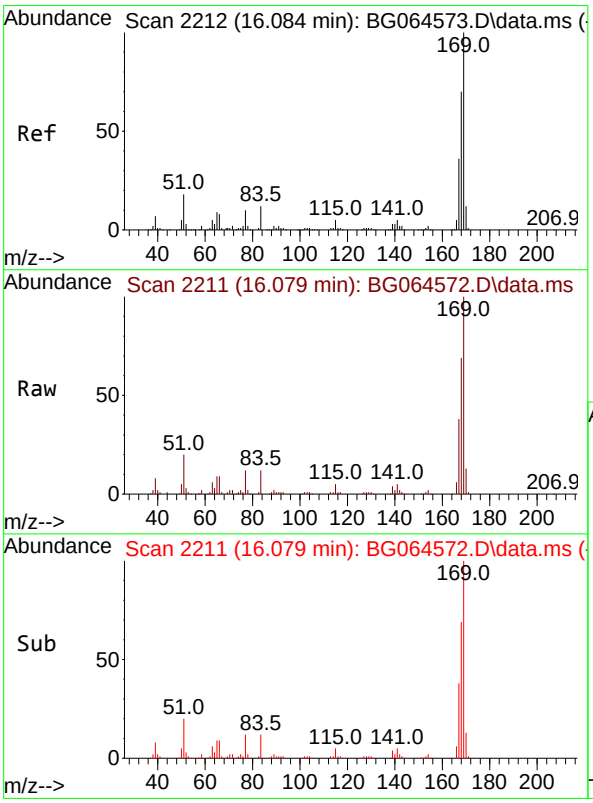
#65
4,6-Dinitro-2-methylphenol
Concen: 18.316 ng
RT: 15.944 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:198 Resp: 22843

Ion	Ratio	Lower	Upper
198	100		
51	41.3	24.7	64.7
105	30.8	18.0	58.0

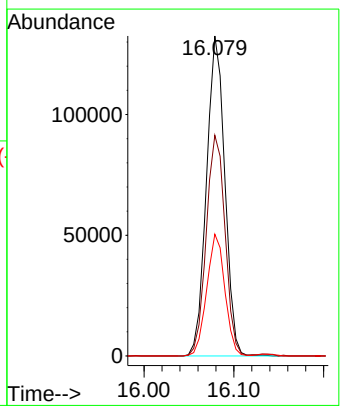


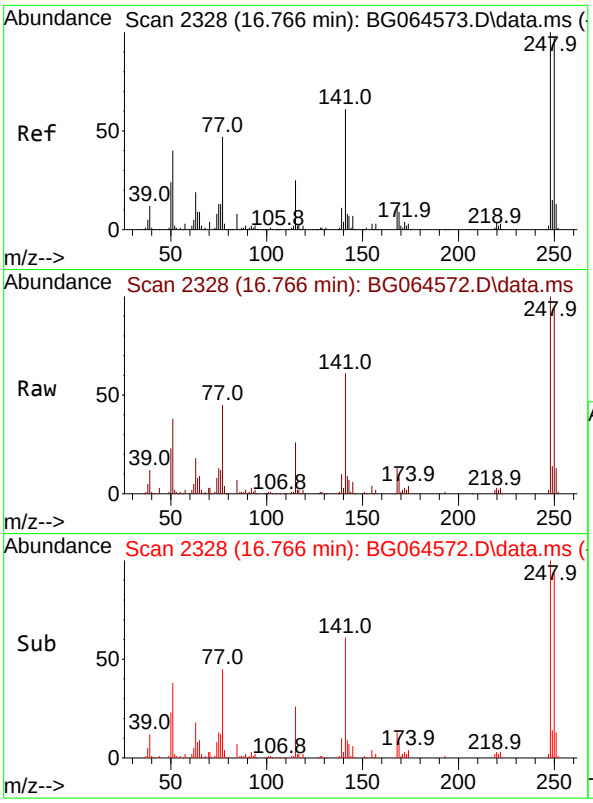


#66
n-Nitrosodiphenylamine
Concen: 19.437 ng
RT: 16.079 min Scan# 2211
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:169 Resp: 187560

Ion	Ratio	Lower	Upper
169	100		
168	69.0	56.3	84.5
167	38.0	29.0	43.6



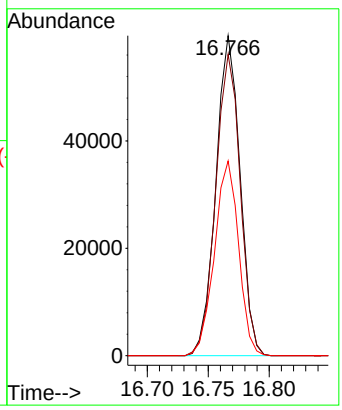


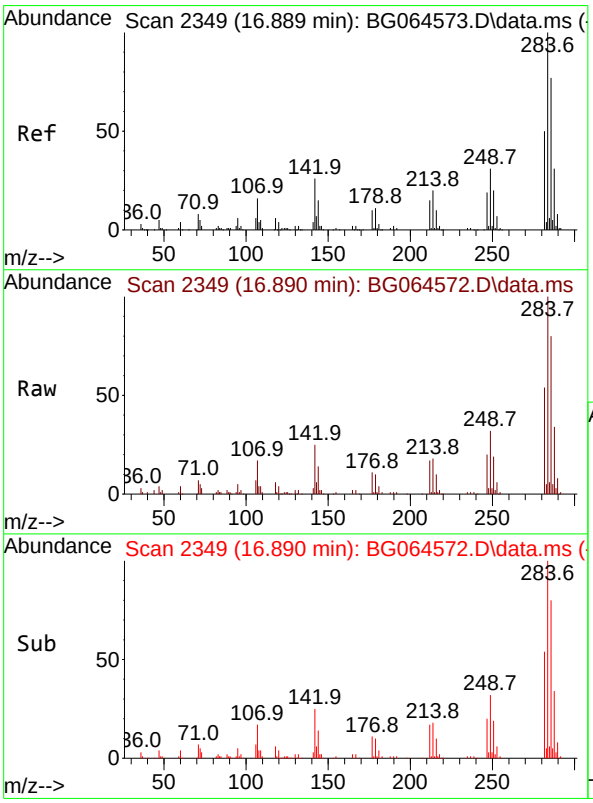
#67
4-Bromophenyl-phenylether
Concen: 19.444 ng
RT: 16.766 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:248 Resp: 82311

Ion	Ratio	Lower	Upper
248	100		
250	94.2	77.7	116.5
141	60.9	48.6	72.8

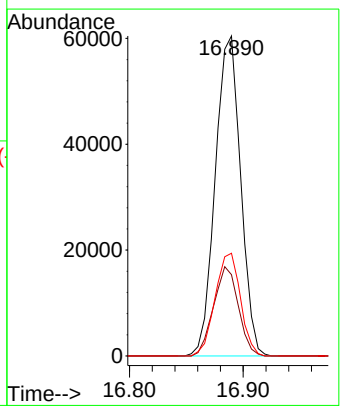


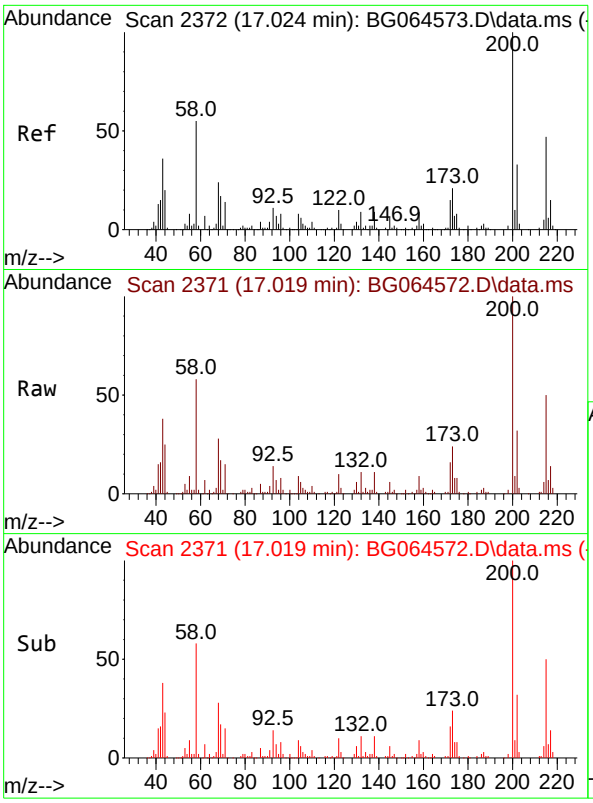


#68
Hexachlorobenzene
Concen: 19.391 ng
RT: 16.890 min Scan# 2349
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:284 Resp: 93647

Ion	Ratio	Lower	Upper
284	100		
142	25.4	21.0	31.6
249	34.6	24.9	37.3



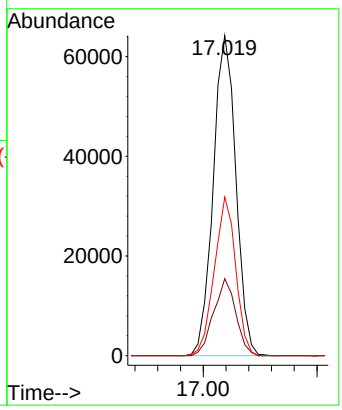


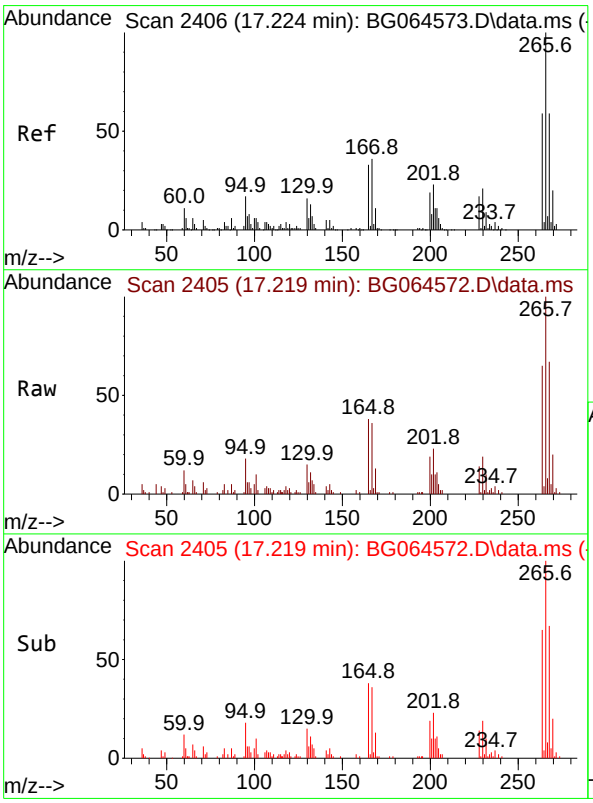
#69
Atrazine
Concen: 21.392 ng
RT: 17.019 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:200 Resp: 88832

Ion	Ratio	Lower	Upper
200	100		
173	24.1	0.9	40.9
215	49.6	27.0	67.0

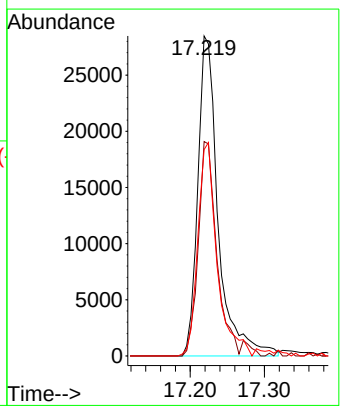


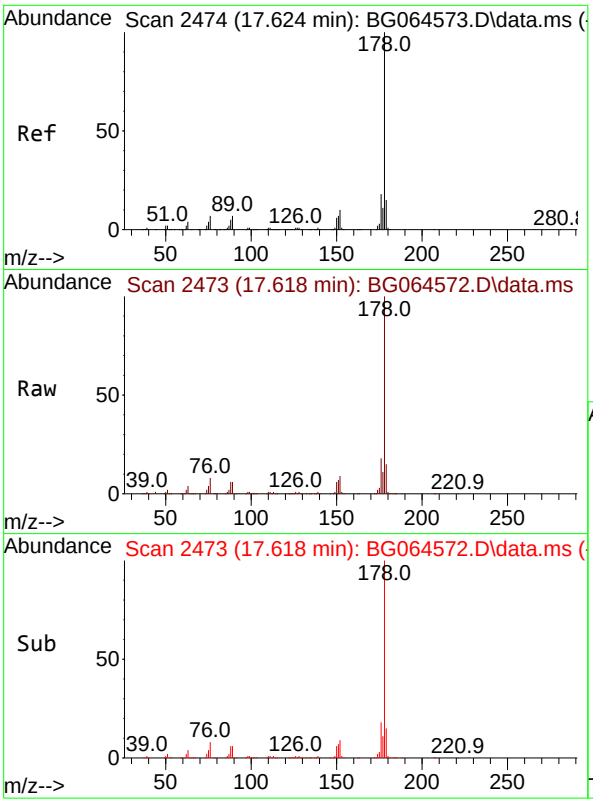


#70
Pentachlorophenol
Concen: 18.022 ng
RT: 17.219 min Scan# 2405
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:266 Resp: 54275

Ion	Ratio	Lower	Upper
266	100		
268	71.7	50.3	75.5
264	68.9	47.3	70.9



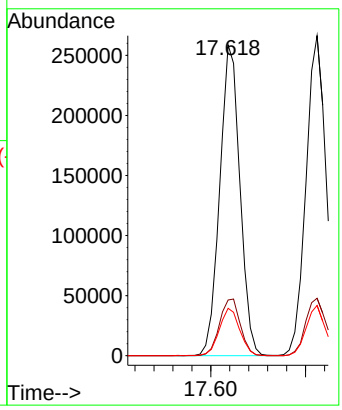


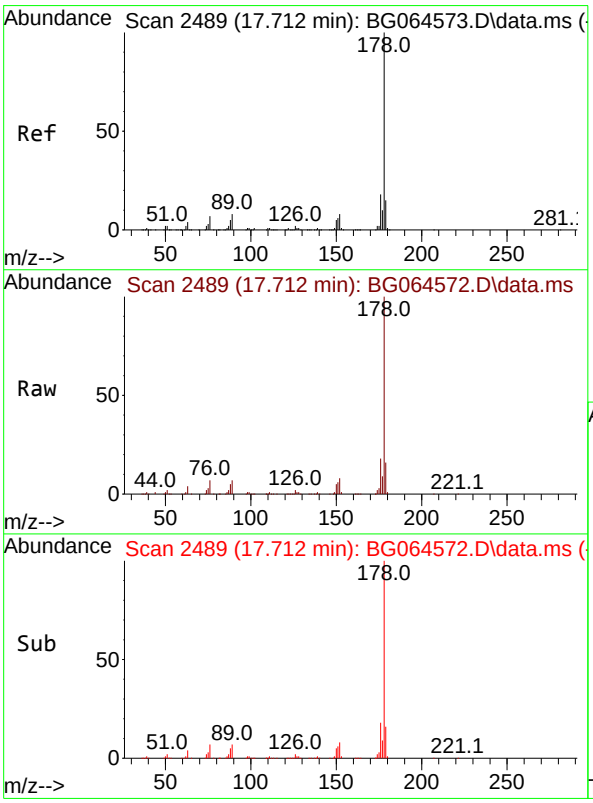
#71
Phenanthrene
Concen: 19.624 ng
RT: 17.618 min Scan# 24
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:178 Resp: 383359

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.7	22.1
179	15.3	12.2	18.4

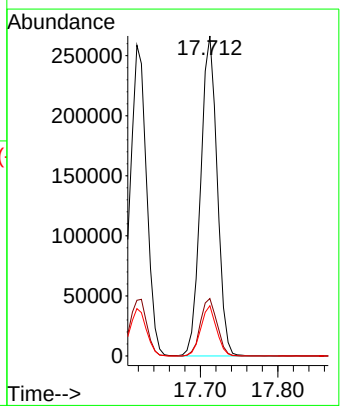


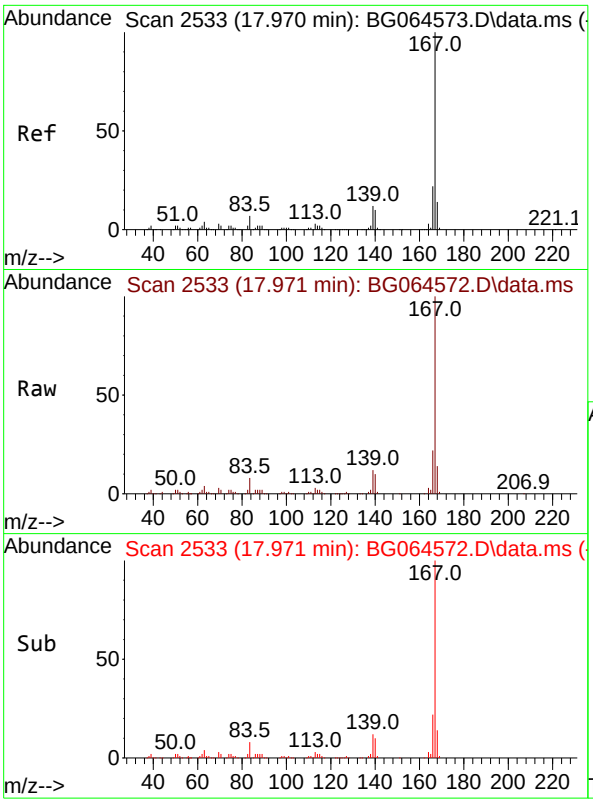


#72
Anthracene
Concen: 19.792 ng
RT: 17.712 min Scan# 2489
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:178 Resp: 393312

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.4	21.6
179	15.7	12.4	18.6



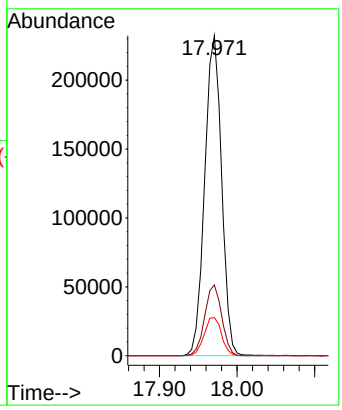


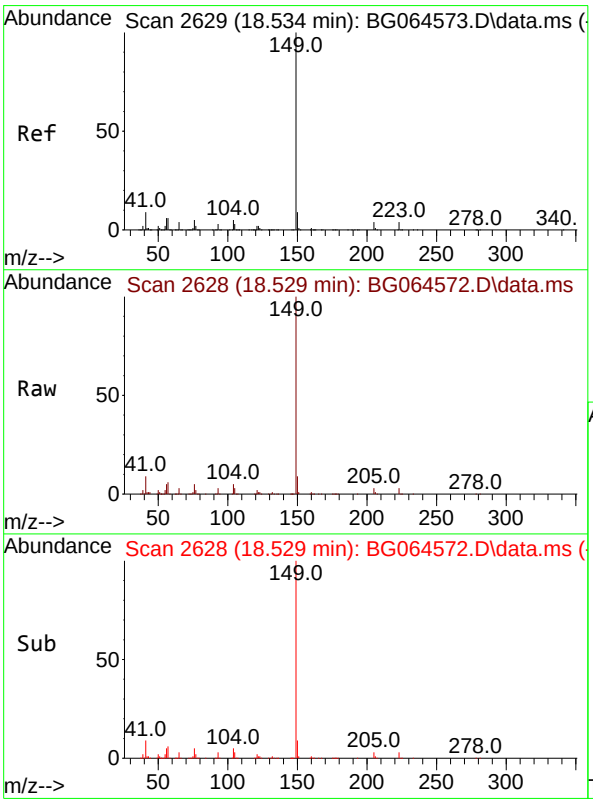
#73
Carbazole
Concen: 20.014 ng
RT: 17.971 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:167 Resp: 350722

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.9	26.9
139	11.9	9.7	14.5

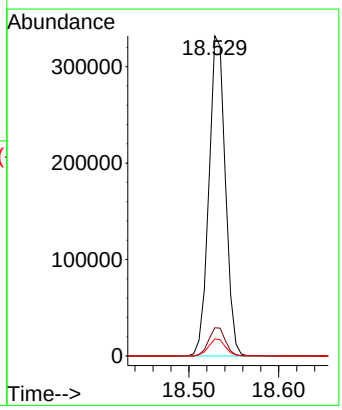


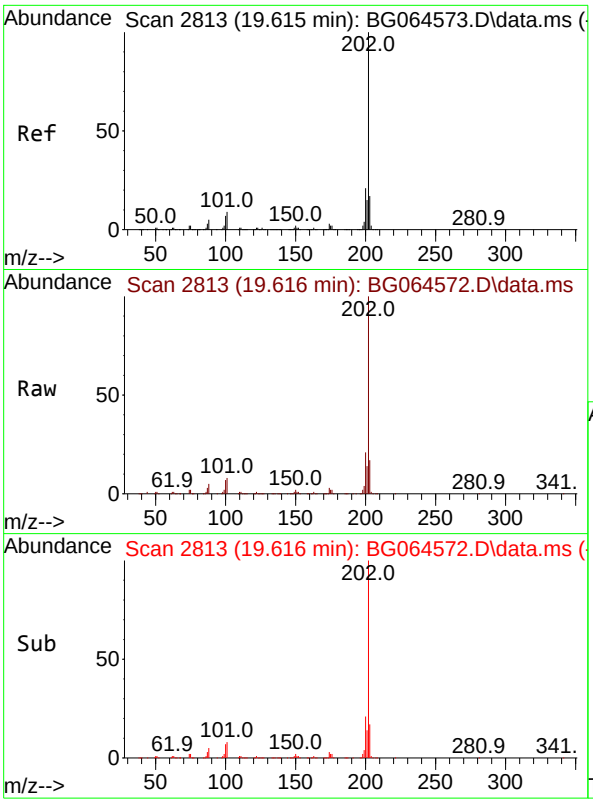


#74
Di-n-butylphthalate
Concen: 20.788 ng
RT: 18.529 min Scan# 2628
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:149 Resp: 421239

Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.0	10.6
104	5.4	4.1	6.1



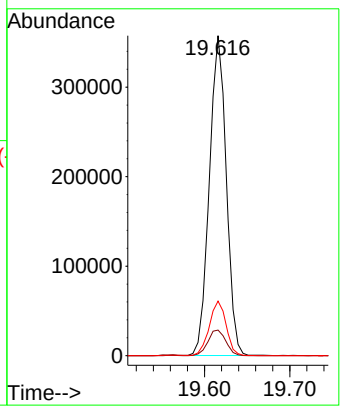


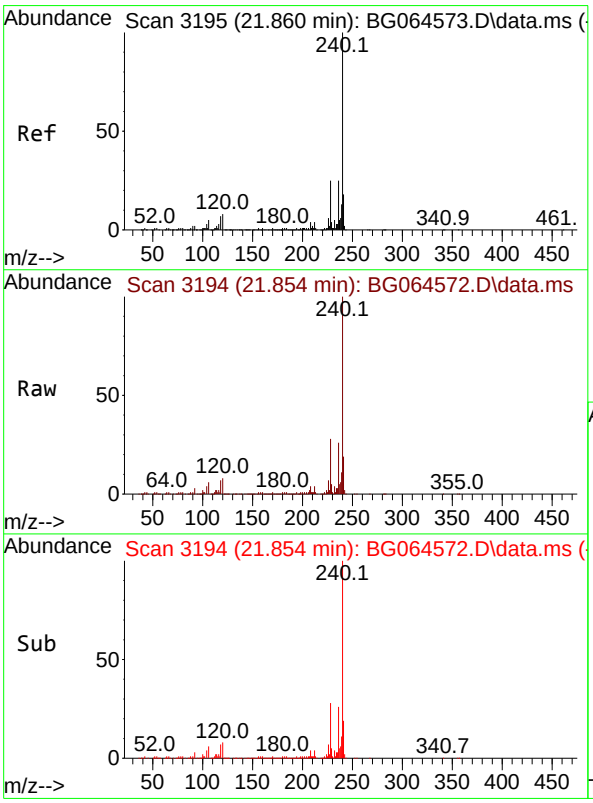
#75
Fluoranthene
Concen: 20.142 ng
RT: 19.616 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:202 Resp: 492924

Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	28.7
203	17.0	0.0	37.0

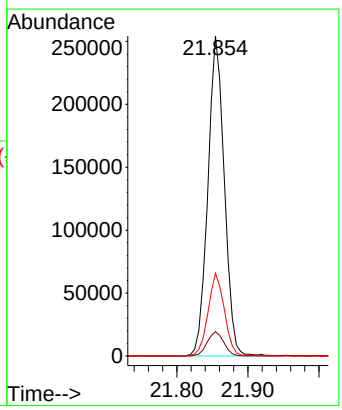


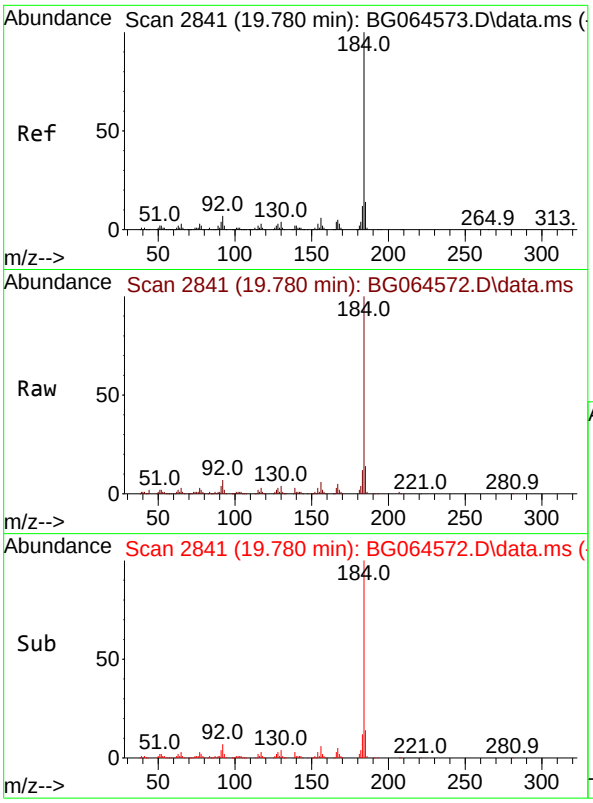


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.854 min Scan# 3194
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:240 Resp: 408574

Ion	Ratio	Lower	Upper
240	100		
120	7.6	6.5	9.7
236	25.9	20.2	30.2



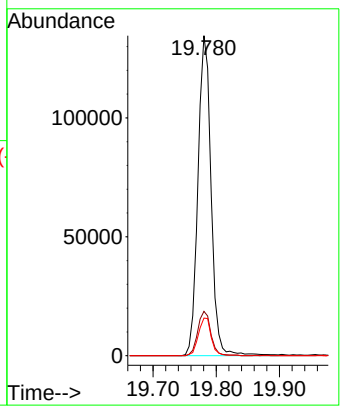


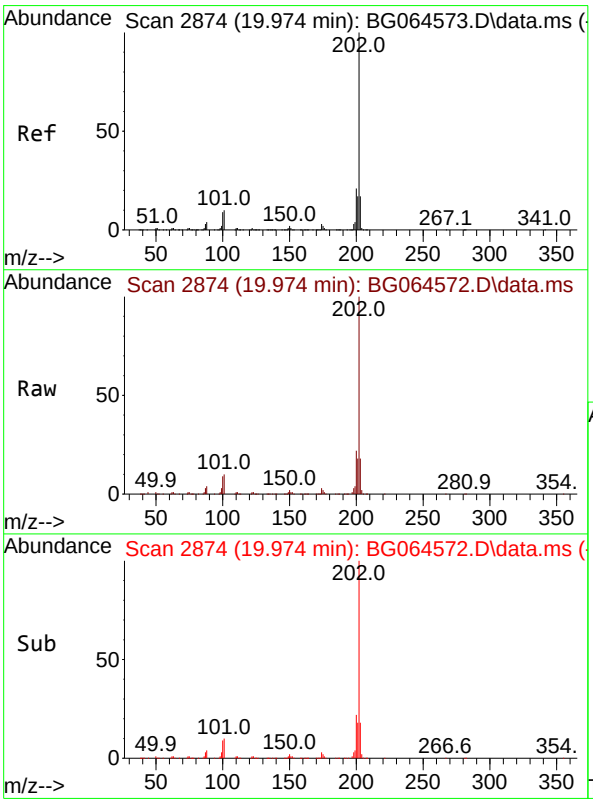
#77
Benzidine
Concen: 21.201 ng
RT: 19.780 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:184 Resp: 194070

Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.4	17.2
183	11.7	9.4	14.2

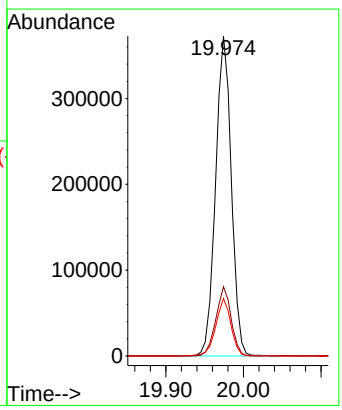


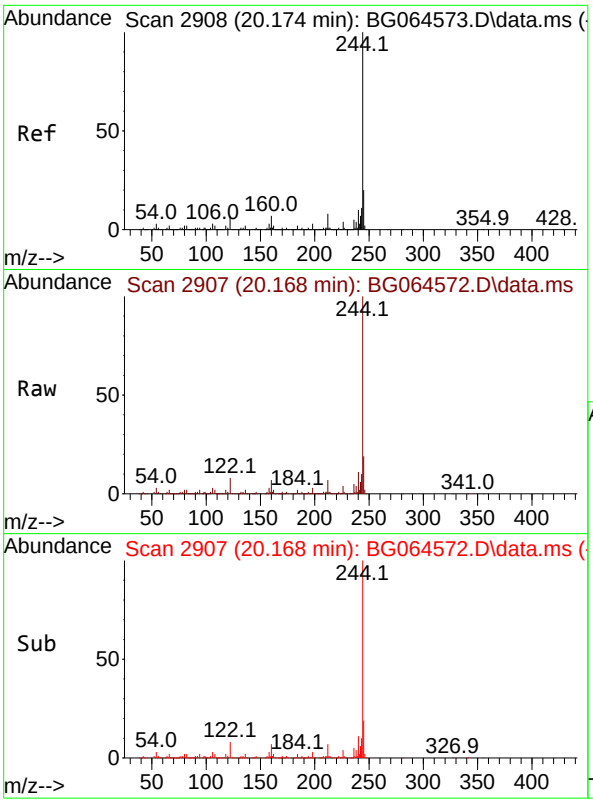


#78
Pyrene
Concen: 19.646 ng
RT: 19.974 min Scan# 2874
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:202 Resp: 524431

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.0	25.4
203	18.0	13.8	20.6



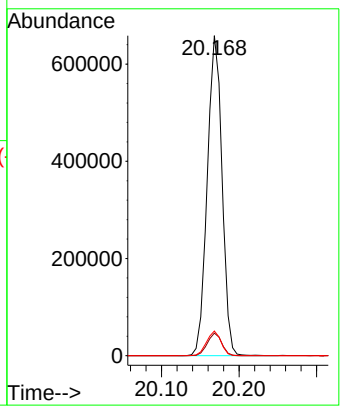


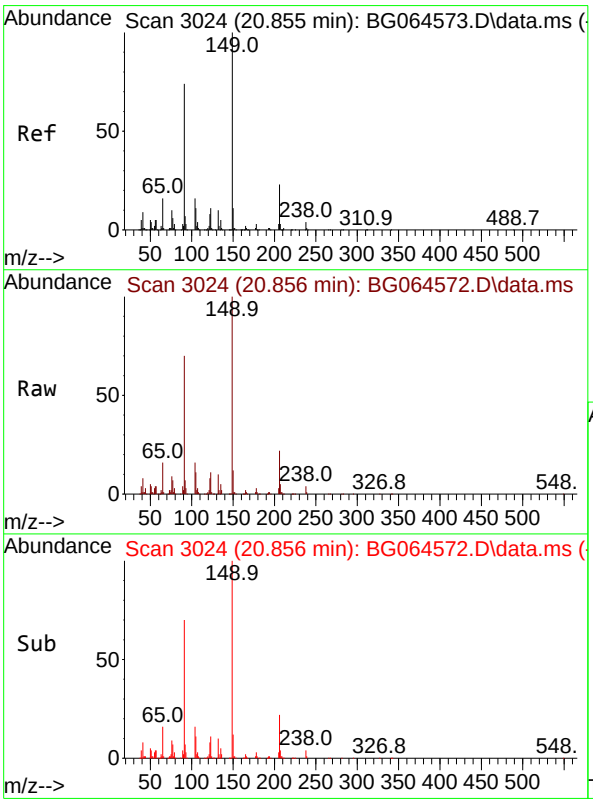
#79
Terphenyl-d14
Concen: 40.219 ng
RT: 20.168 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:244 Resp: 870741

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.1	9.1
122	7.7	5.6	8.4

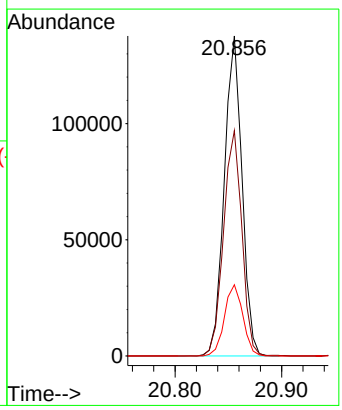


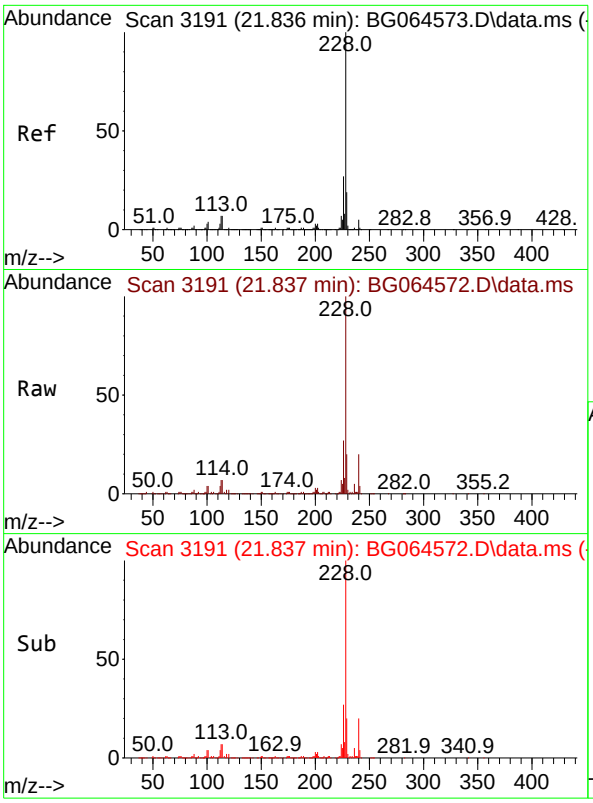


#80
Butylbenzylphthalate
Concen: 19.633 ng
RT: 20.856 min Scan# 3024
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:149 Resp: 158394

Ion	Ratio	Lower	Upper
149	100		
91	70.4	59.2	88.8
206	22.3	18.1	27.1



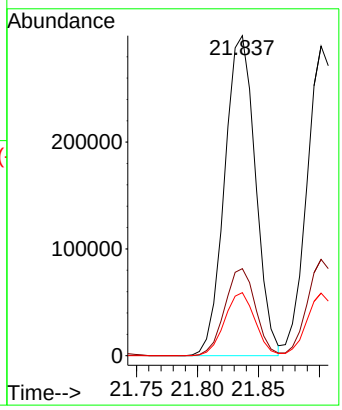


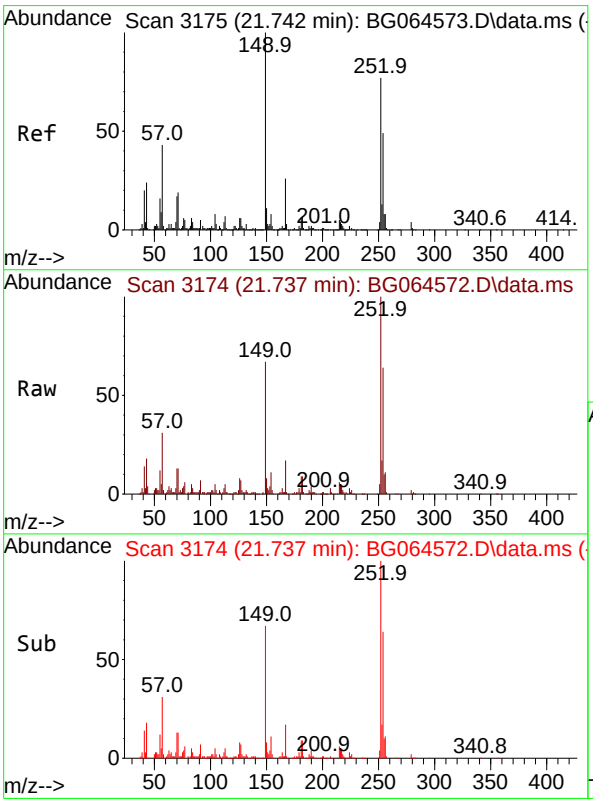
#81
Benzo(a)anthracene
Concen: 19.490 ng
RT: 21.837 min Scan# 3
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 528009

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.9	32.9
229	19.7	15.6	23.4

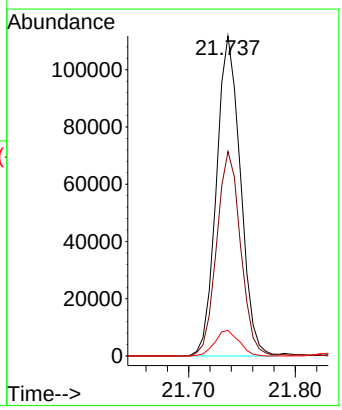


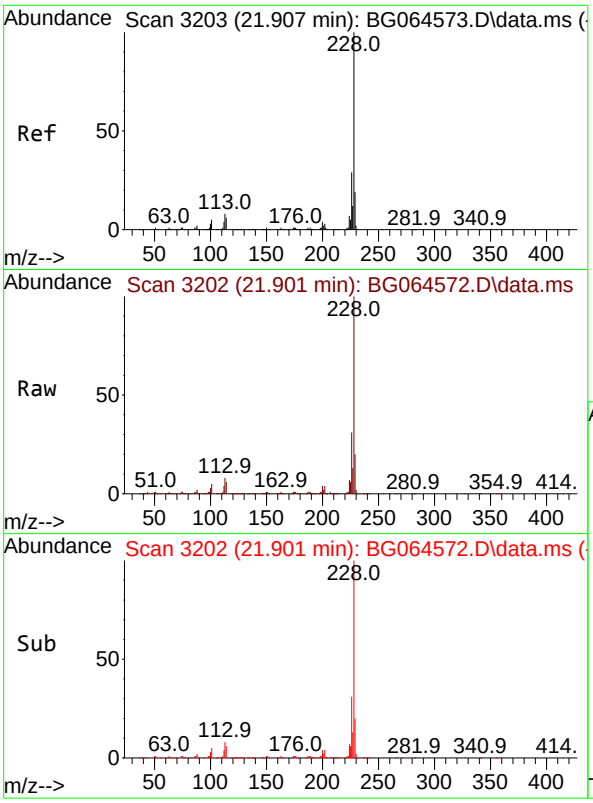


#82
3,3'-Dichlorobenzidine
Concen: 19.323 ng
RT: 21.737 min Scan# 3174
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:252 Resp: 174803

Ion	Ratio	Lower	Upper
252	100		
254	63.9	50.8	76.2
126	8.0	5.8	8.6



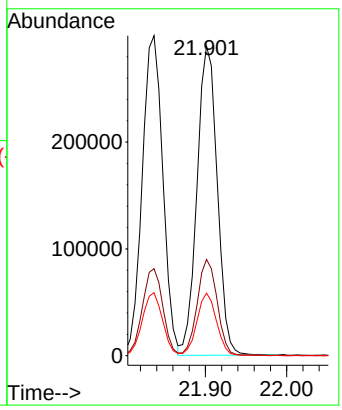


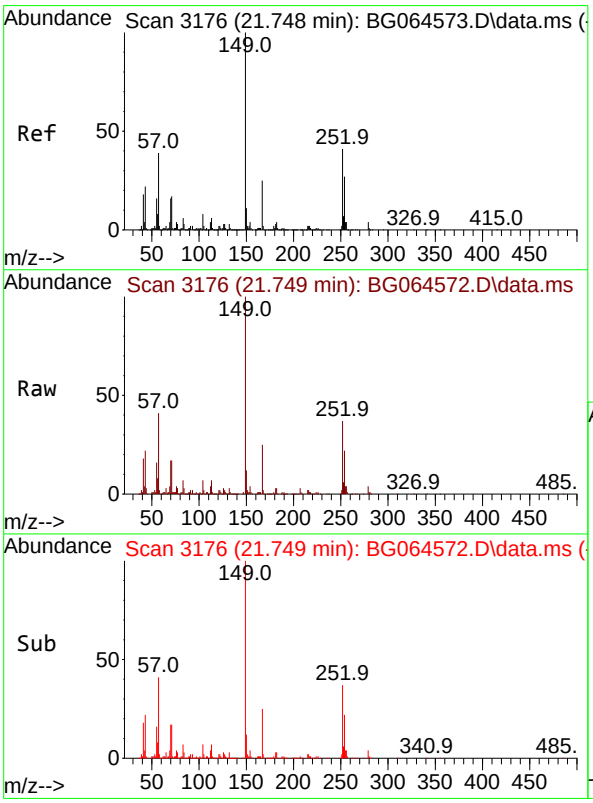
#83
Chrysene
Concen: 19.479 ng
RT: 21.901 min Scan# 3
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 502125

Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.3	34.9
229	20.2	15.2	22.8

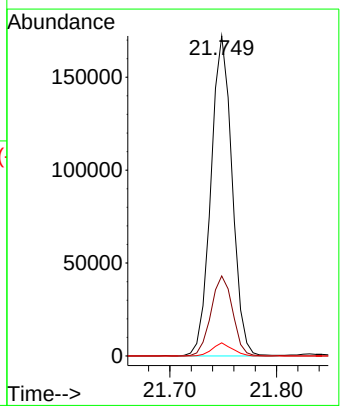


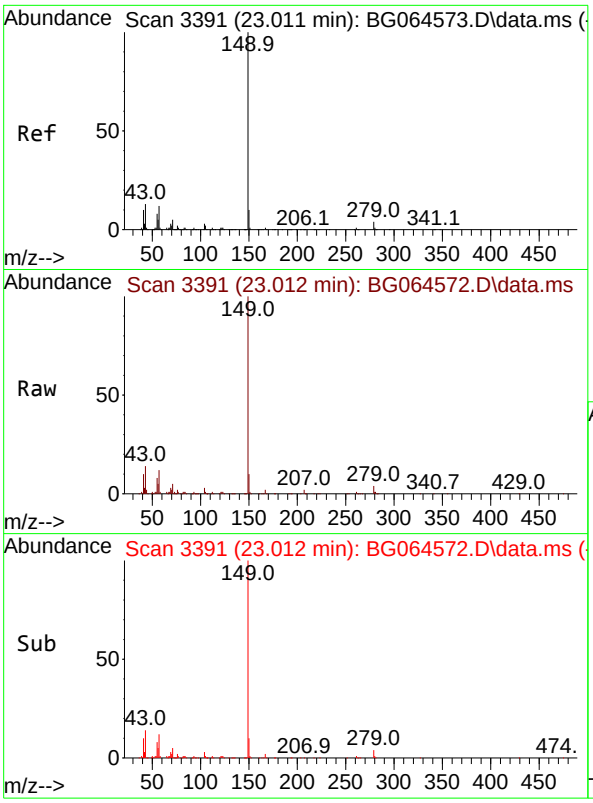


#84
Bis(2-ethylhexyl)phthalate
Concen: 19.703 ng
RT: 21.749 min Scan# 3176
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:149 Resp: 237524

Ion	Ratio	Lower	Upper
149	100		
167	25.0	20.0	30.0
279	4.1	3.1	4.7



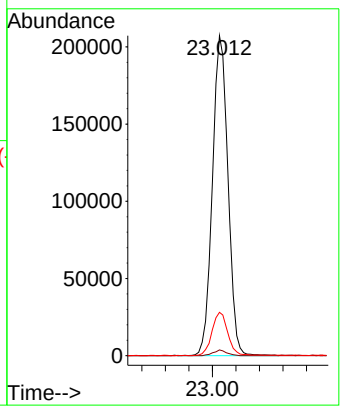


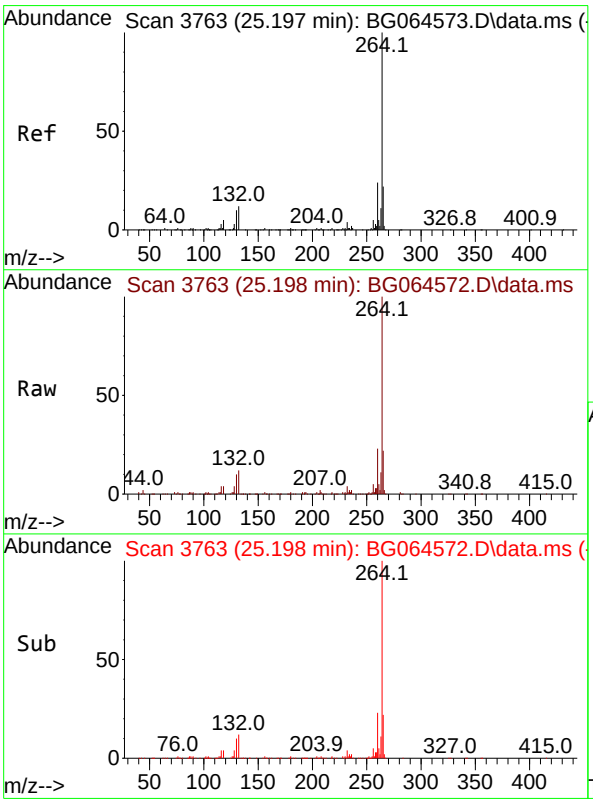
#85
Di-n-octyl phthalate
Concen: 18.740 ng
RT: 23.012 min Scan# 3
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:149 Resp: 380895

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	14.0	10.8	16.2

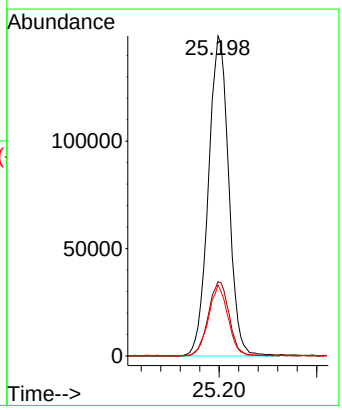


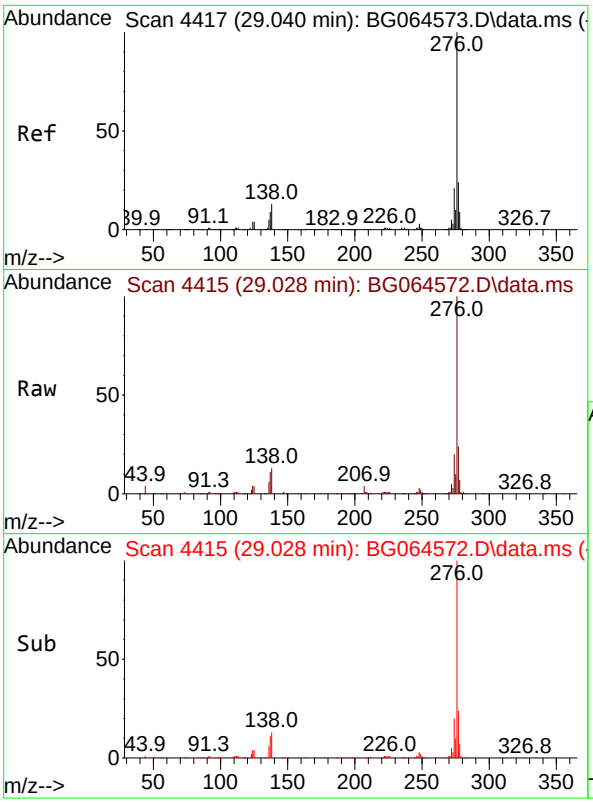


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.198 min Scan# 3763
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:264 Resp: 430370

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.0	28.4
265	22.2	17.6	26.4



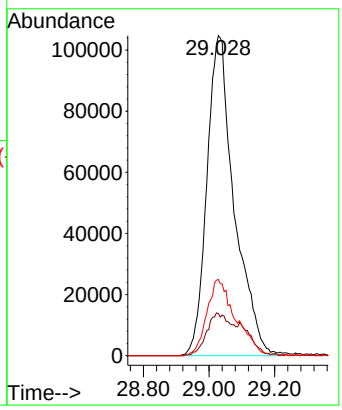


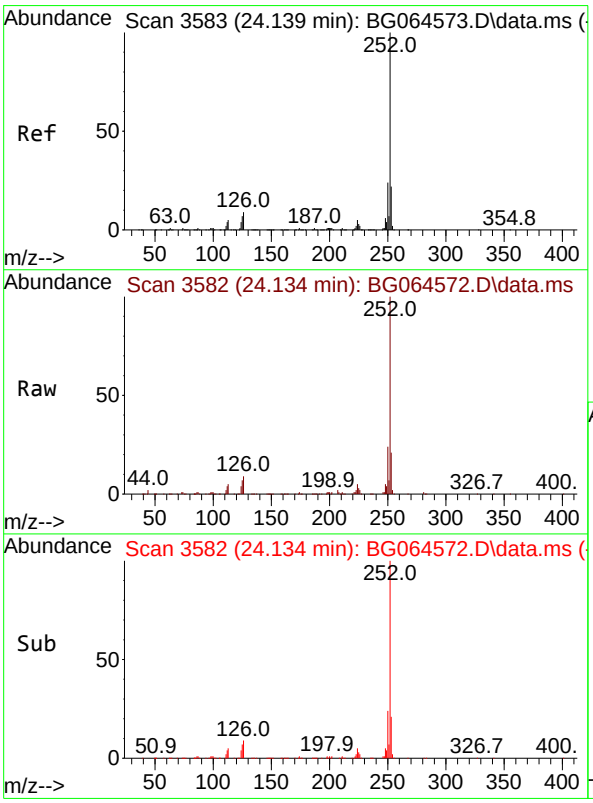
#87
Indeno(1,2,3-cd)pyrene
Concen: 19.163 ng
RT: 29.028 min Scan# 44
Delta R.T. -0.011 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:276 Resp: 606702

Ion	Ratio	Lower	Upper
276	100		
138	12.0	10.8	16.2
277	25.1	20.1	30.1

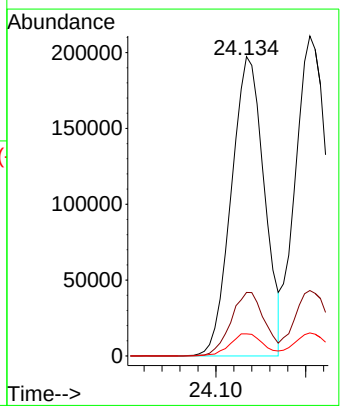


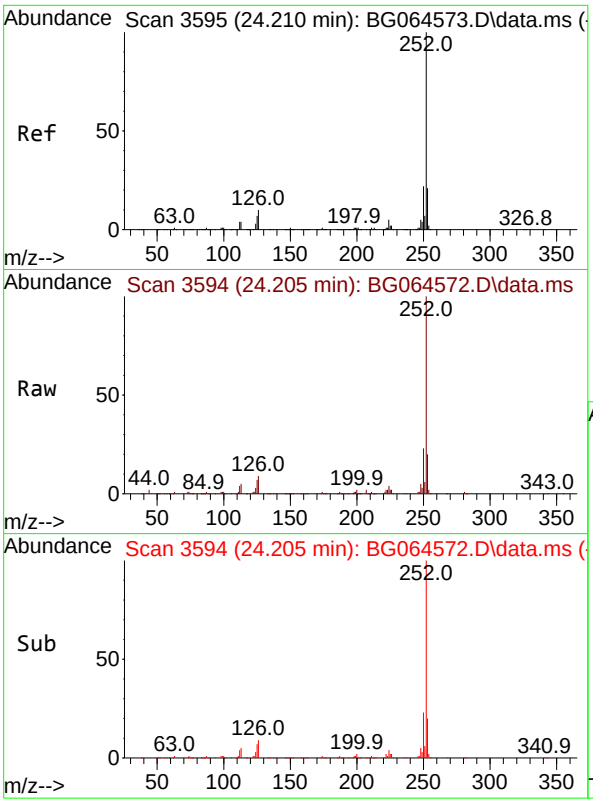


#88
Benzo(b)fluoranthene
Concen: 19.066 ng
RT: 24.134 min Scan# 3582
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:252 Resp: 503145

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.8	26.8
125	7.4	5.6	8.4



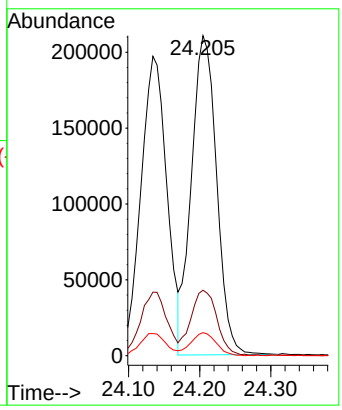


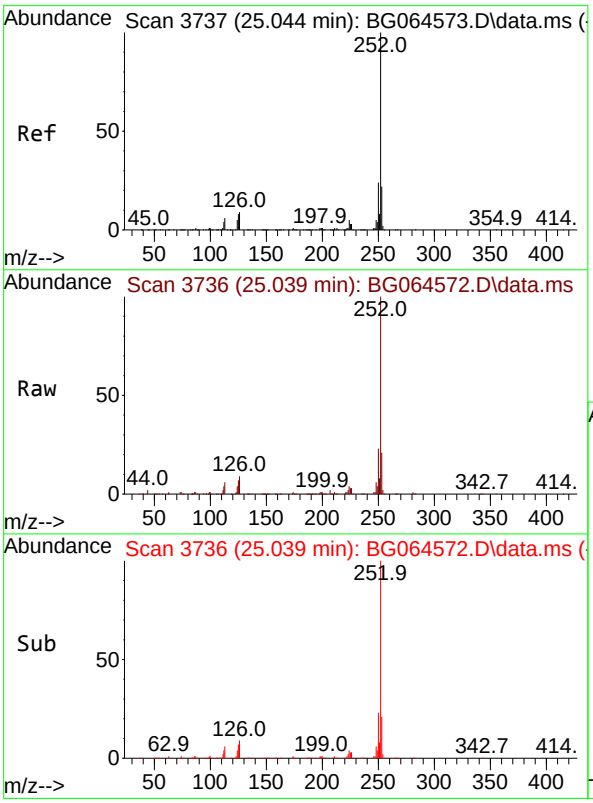
#89
Benzo(k)fluoranthene
Concen: 19.650 ng
RT: 24.205 min Scan# 3
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:252 Resp: 518915

Ion	Ratio	Lower	Upper
252	100		
253	20.5	16.8	25.2
125	7.2	5.4	8.0

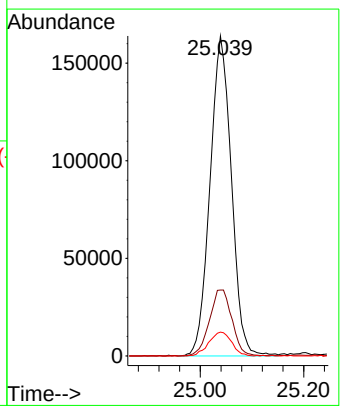


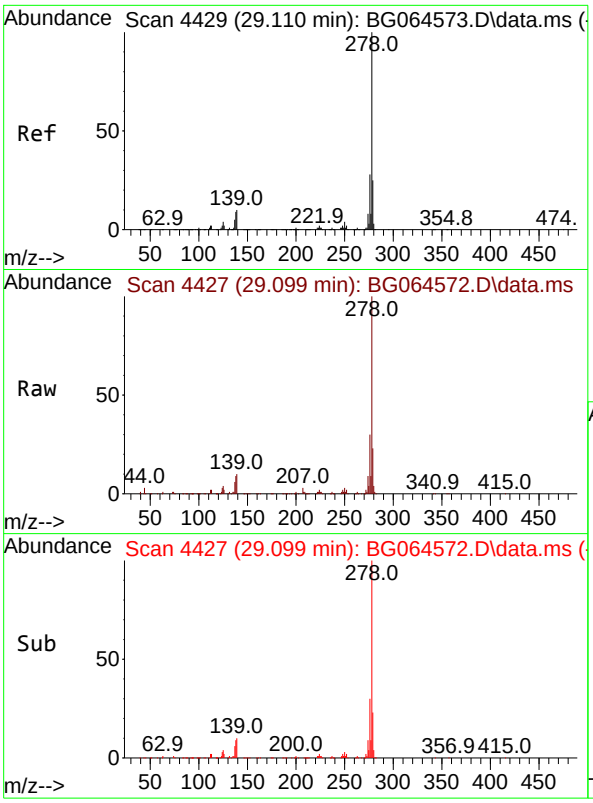


#90
Benzo(a)pyrene
Concen: 19.398 ng
RT: 25.039 min Scan# 3736
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:252 Resp: 470556

Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.6	26.4
125	7.4	6.1	9.1



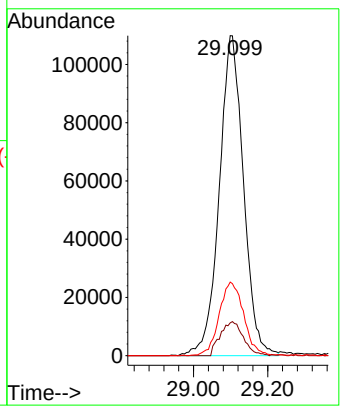


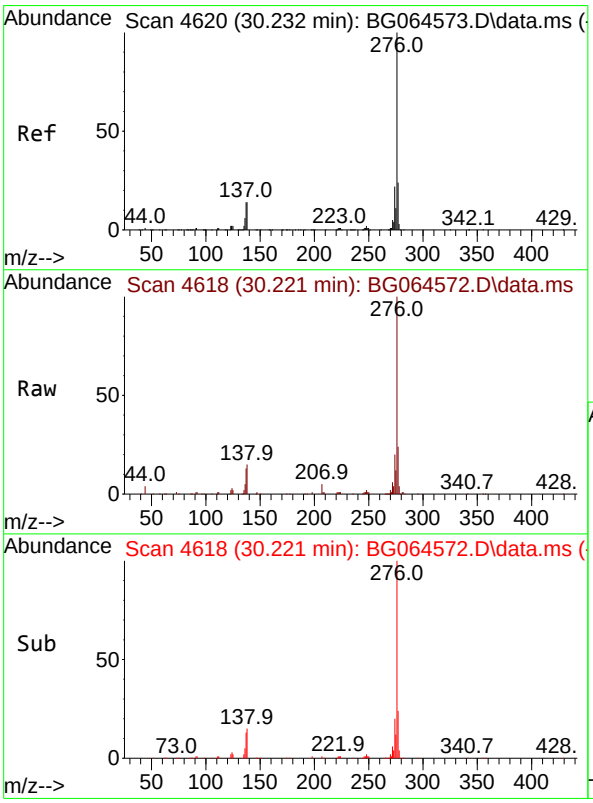
#91
Dibenzo(a,h)anthracene
Concen: 19.377 ng
RT: 29.099 min Scan# 4
Delta R.T. -0.011 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:278 Resp: 498395

Ion	Ratio	Lower	Upper
278	100		
139	10.2	8.0	12.0
279	23.0	19.8	29.6

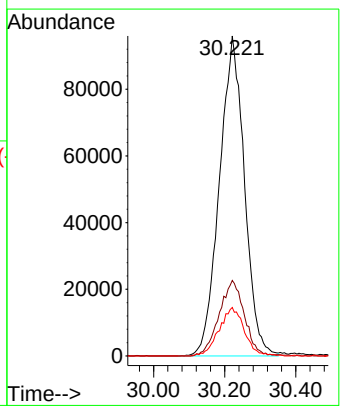




#92
Benzo(g,h,i)perylene
Concen: 19.067 ng
RT: 30.221 min Scan# 4618
Delta R.T. -0.011 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:276 Resp: 468496

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.1	28.7
138	15.1	11.3	16.9



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064573.D
Acq On : 24 Oct 2025 13:03
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Quant Time: Nov 03 18:00:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 17:56:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.223	152	40195	20.000	ng	0.00
21) Naphthalene-d8	11.049	136	164795	20.000	ng	0.00
39) Acenaphthene-d10	14.845	164	130542	20.000	ng	0.00
64) Phenanthrene-d10	17.582	188	313311	20.000	ng	0.00
76) Chrysene-d12	21.860	240	332834	20.000	ng	0.00
86) Perylene-d12	25.197	264	350897	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.749	112	207807	86.778	ng	0.00
7) Phenol-d6	7.353	99	284694	86.638	ng	0.00
23) Nitrobenzene-d5	9.386	82	248341	90.513	ng	0.00
42) 2,4,6-Tribromophenol	16.319	330	165976	88.092	ng	0.00
45) 2-Fluorobiphenyl	13.476	172	722477	83.888	ng	0.00
79) Terphenyl-d14	20.174	244	1521028	86.242	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.587	88	42215	39.818	ng	100
3) Pyridine	3.998	79	134153	42.136	ng	100
4) n-Nitrosodimethylamine	3.904	42	72367	42.385	ng	100
6) Aniline	7.530	93	191799	42.894	ng	100
8) 2-Chlorophenol	7.776	128	110414	44.051	ng	100
9) Benzaldehyde	7.342	77	75557	42.117	ng	100
10) Phenol	7.377	94	156259	42.998	ng	100
11) bis(2-Chloroethyl)ether	7.624	93	111183	41.613	ng	100
12) 1,3-Dichlorobenzene	8.111	146	122224	42.367	ng	100
13) 1,4-Dichlorobenzene	8.258	146	123314	42.037	ng	100
14) 1,2-Dichlorobenzene	8.581	146	119228	42.140	ng	100
15) Benzyl Alcohol	8.446	79	114526	42.265	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.740	45	300095	42.819	ng	100
17) 2-Methylphenol	8.652	107	102315	42.405	ng	100
18) Hexachloroethane	9.322	117	43488	42.246	ng	100
19) n-Nitroso-di-n-propyla...	9.028	70	98647	43.438	ng	100
20) 3+4-Methylphenols	8.975	107	146177	43.080	ng	100
22) Acetophenone	9.045	105	192583	42.750	ng	100
24) Nitrobenzene	9.427	77	135107	45.274	ng	100
25) Isophorone	9.956	82	286439	43.507	ng	100
26) 2-Nitrophenol	10.144	139	45134	39.772	ng	100
27) 2,4-Dimethylphenol	10.191	122	110518	45.129	ng	100
28) bis(2-Chloroethoxy)met...	10.438	93	161449	43.070	ng	100
29) 2,4-Dichlorophenol	10.679	162	118669	45.026	ng	100
30) 1,2,4-Trichlorobenzene	10.908	180	128902	43.046	ng	100
31) Naphthalene	11.096	128	388032	42.469	ng	100
32) Benzoic acid	10.309	122	57715	32.923	ng	100
33) 4-Chloroaniline	11.190	127	151231	42.585	ng	100
34) Hexachlorobutadiene	11.390	225	98683	42.139	ng	100
35) Caprolactam	11.948	113	44205	43.731	ng	100
36) 4-Chloro-3-methylphenol	12.289	107	140272	44.278	ng	100
37) 2-Methylnaphthalene	12.688	142	285089	42.499	ng	100
38) 1-Methylnaphthalene	12.906	142	281256	42.362	ng	100
40) 1,2,4,5-Tetrachloroben...	13.052	216	183376	41.856	ng	100
41) Hexachlorocyclopentadiene	13.041	237	84505	42.853	ng	100
43) 2,4,6-Trichlorophenol	13.276	196	110509	44.097	ng	100

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064573.D
Acq On : 24 Oct 2025 13:03
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Quant Time: Nov 03 18:00:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 17:56:56 2025
Response via : Initial Calibration

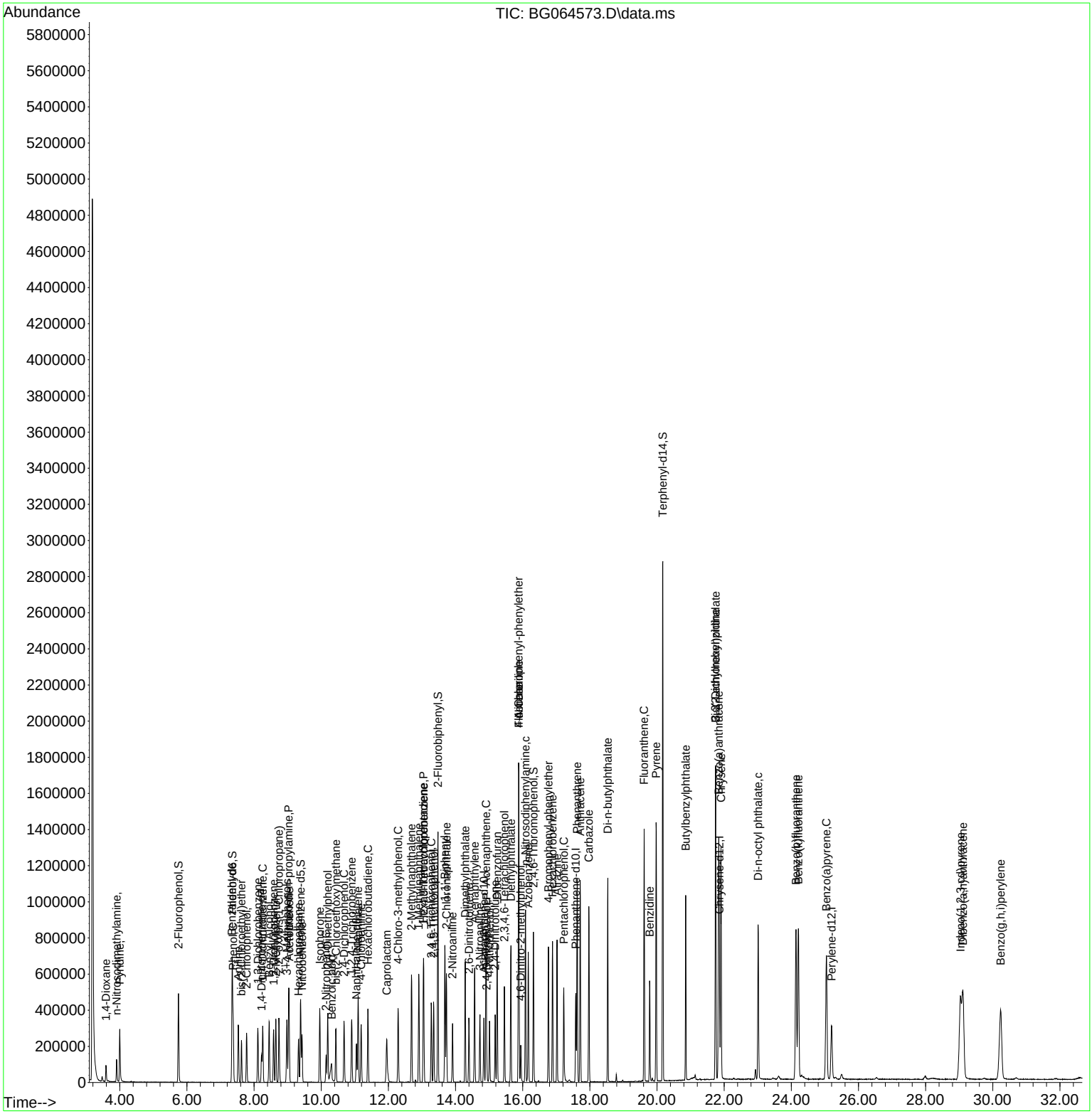
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.346	196	126360	43.694	ng	100
46) 1,1'-Biphenyl	13.681	154	388718	41.885	ng	100
47) 2-Chloronaphthalene	13.728	162	295501	42.182	ng	100
48) 2-Nitroaniline	13.910	65	90958	39.303	ng	100
49) Acenaphthylene	14.568	152	466393	42.209	ng	100
50) Dimethylphthalate	14.286	163	428475	42.894	ng	100
51) 2,6-Dinitrotoluene	14.398	165	64452	39.696	ng	100
52) Acenaphthene	14.909	154	319250	42.289	ng	100
53) 3-Nitroaniline	14.727	138	76841	44.762	ng	100
54) 2,4-Dinitrophenol	14.927	184	35677	38.390	ng	100
55) Dibenzofuran	15.238	168	512547	41.995	ng	100
56) 4-Nitrophenol	15.009	139	68064	42.765	ng	100
57) 2,4-Dinitrotoluene	15.179	165	100448	39.962	ng	100
58) Fluorene	15.884	166	399745	41.939	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.456	232	121762	44.030	ng	100
60) Diethylphthalate	15.649	149	432571	42.412	ng	100
61) 4-Chlorophenyl-phenyle...	15.879	204	226104	42.270	ng	100
62) 4-Nitroaniline	15.884	138	85297	44.662	ng	100
63) Azobenzene	16.166	77	401676	42.922	ng	100
65) 4,6-Dinitro-2-methylph...	15.943	198	51829	38.770	ng	100
66) n-Nitrosodiphenylamine	16.084	169	365624	43.201	ng	100
67) 4-Bromophenyl-phenylether	16.766	248	161744	43.563	ng	100
68) Hexachlorobenzene	16.889	284	183262	43.265	ng	100
69) Atrazine	17.024	200	153706	42.203	ng	100
70) Pentachlorophenol	17.224	266	112769	42.694	ng	100
71) Phenanthrene	17.624	178	728184	42.500	ng	100
72) Anthracene	17.712	178	743567	42.663	ng	100
73) Carbazole	17.970	167	646319	42.053	ng	100
74) Di-n-butylphthalate	18.534	149	776847	43.711	ng	100
75) Fluoranthene	19.615	202	902557	42.050	ng	100
77) Benzidine	19.780	184	325845	43.697	ng	100
78) Pyrene	19.974	202	939110	43.186	ng	100
80) Butylbenzylphthalate	20.855	149	299706	45.601	ng	100
81) Benzo(a)anthracene	21.836	228	942839	42.723	ng	100
82) 3,3'-Dichlorobenzidine	21.742	252	317851	43.131	ng	100
83) Chrysene	21.907	228	894813	42.613	ng	100
84) Bis(2-ethylhexyl)phtha...	21.748	149	446785	45.494	ng	100
85) Di-n-octyl phthalate	23.011	149	723360	43.688	ng	100
87) Indeno(1,2,3-cd)pyrene	29.040	276	1100259	42.624	ng	100
88) Benzo(b)fluoranthene	24.139	252	927550	43.108	ng	100
89) Benzo(k)fluoranthene	24.210	252	901706	41.878	ng	100
90) Benzo(a)pyrene	25.044	252	843258	42.635	ng	100
91) Dibenzo(a,h)anthracene	29.110	278	889808	42.430	ng	100
92) Benzo(g,h,i)perylene	30.232	276	851248	42.492	ng	100

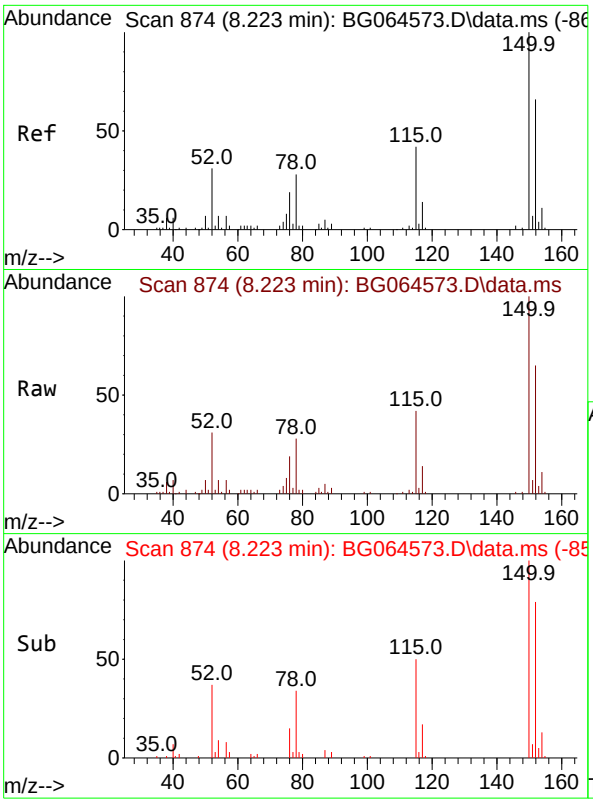
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064573.D
Acq On : 24 Oct 2025 13:03
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Quant Time: Nov 03 18:00:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 17:56:56 2025
Response via : Initial Calibration



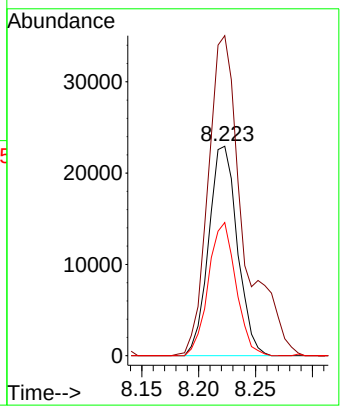


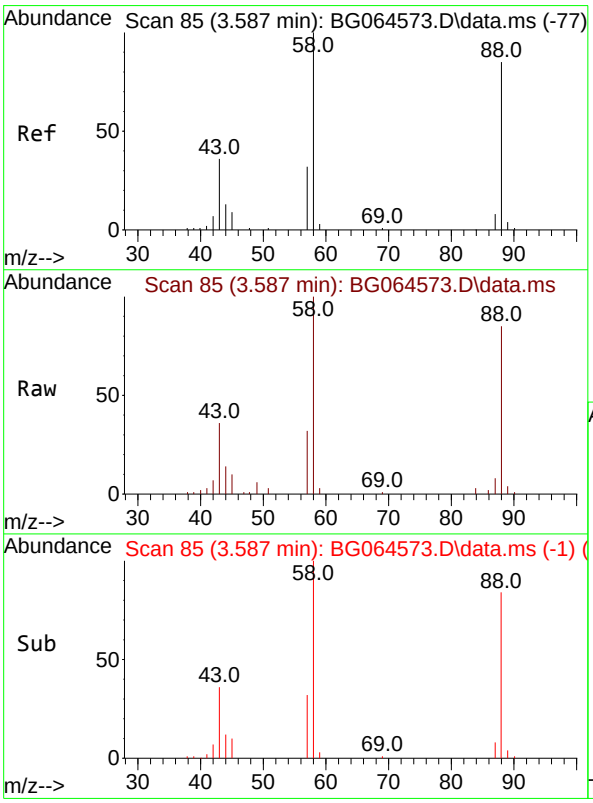
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.223 min Scan# 8
Delta R.T. -0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 40195

Ion	Ratio	Lower	Upper
152	100		
150	152.8	122.2	183.4
115	63.5	50.8	76.2

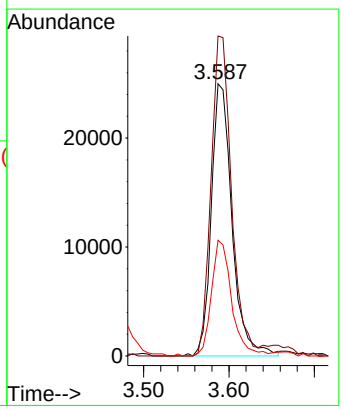


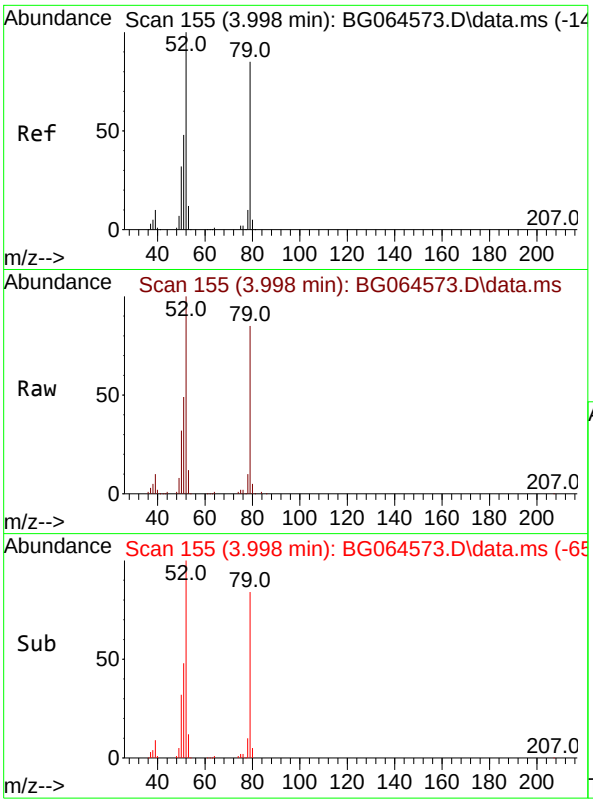


#2
1,4-Dioxane
Concen: 39.818 ng
RT: 3.587 min Scan# 85
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion: 88 Resp: 42215

Ion	Ratio	Lower	Upper
88	100		
58	115.5	92.4	138.6
43	41.3	33.0	49.6



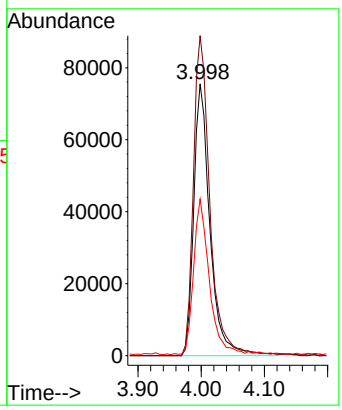


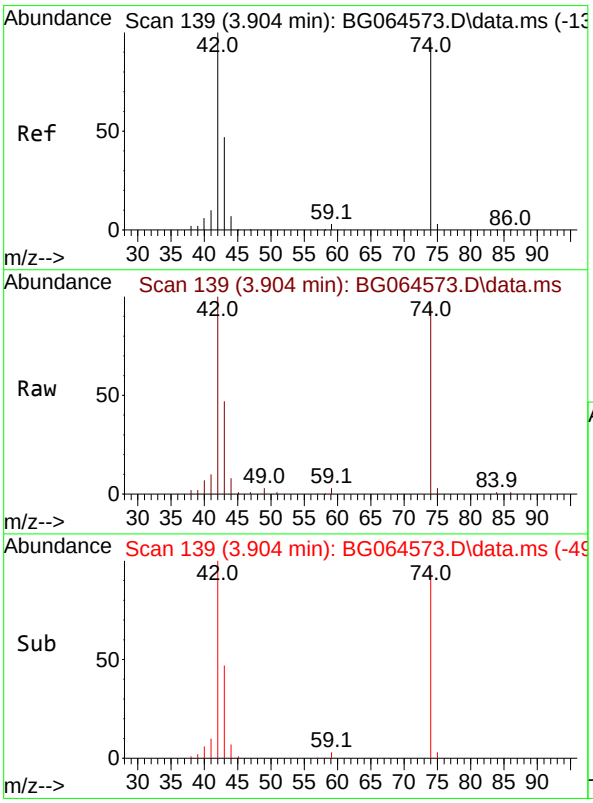
#3
Pyridine
Concen: 42.136 ng
RT: 3.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 134153

Ion	Ratio	Lower	Upper
79	100		
52	117.7	94.2	141.2
51	57.6	46.1	69.1

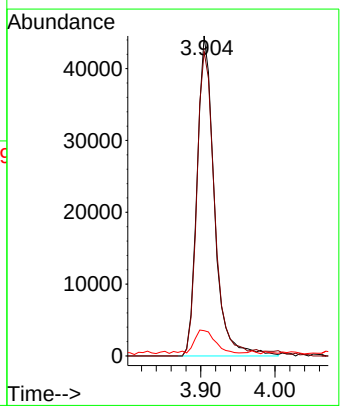


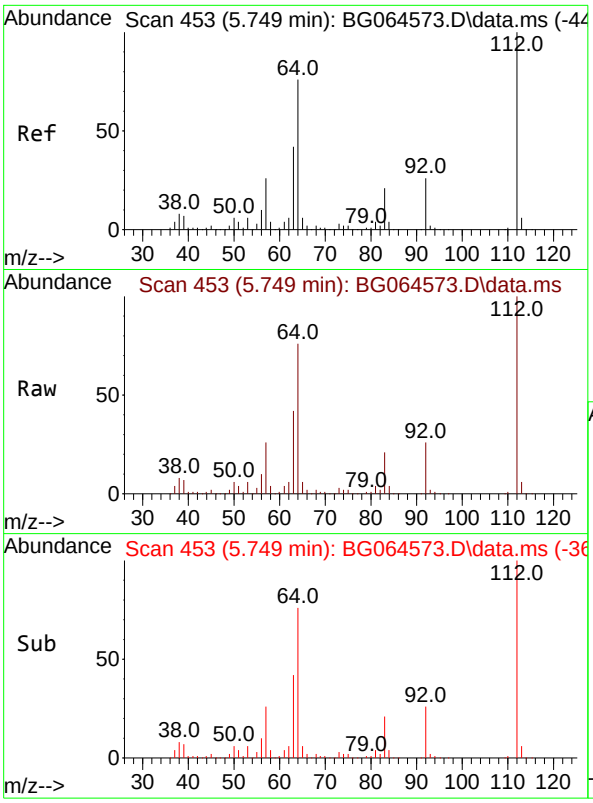


#4
n-Nitrosodimethylamine
Concen: 42.385 ng
RT: 3.904 min Scan# 139
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion: 42 Resp: 72367

Ion	Ratio	Lower	Upper
42	100		
74	95.1	76.1	114.1
44	7.9	6.3	9.5



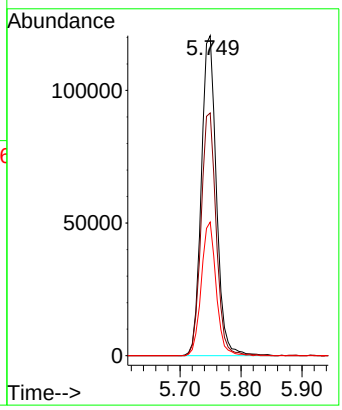


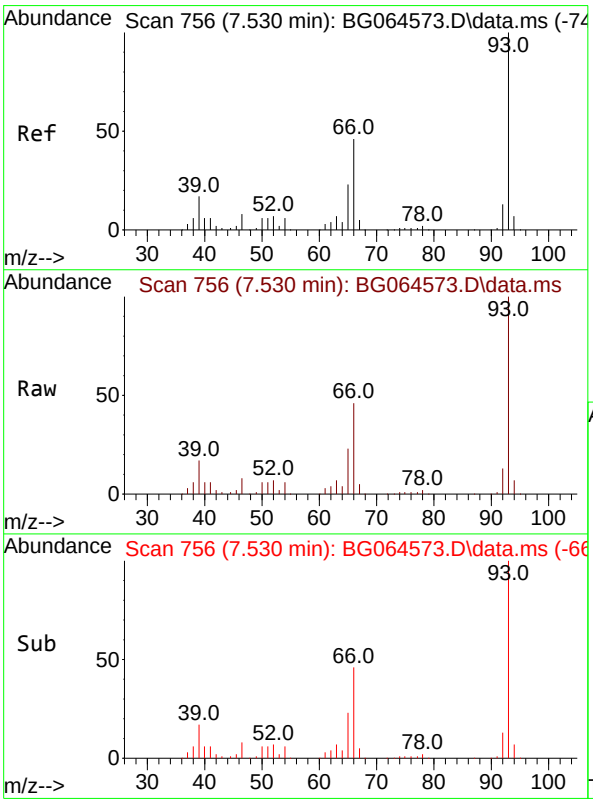
#5
2-Fluorophenol
Concen: 86.778 ng
RT: 5.749 min Scan# 4
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:112 Resp: 207807

Ion	Ratio	Lower	Upper
112	100		
64	75.9	60.7	91.1
63	41.7	33.4	50.0

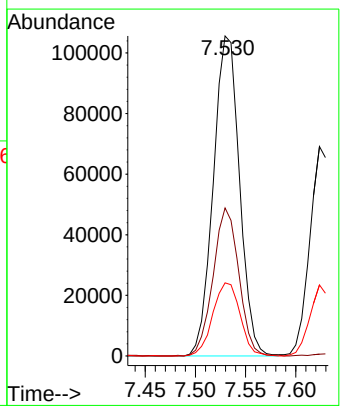


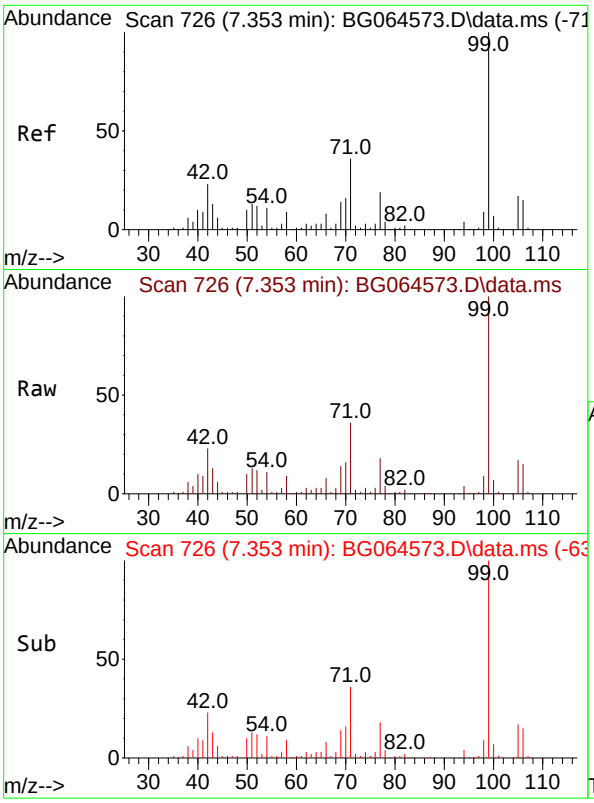


#6
Aniline
Concen: 42.894 ng
RT: 7.530 min Scan# 756
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion: 93 Resp: 191799

Ion	Ratio	Lower	Upper
93	100		
66	46.3	37.0	55.6
65	22.9	18.3	27.5



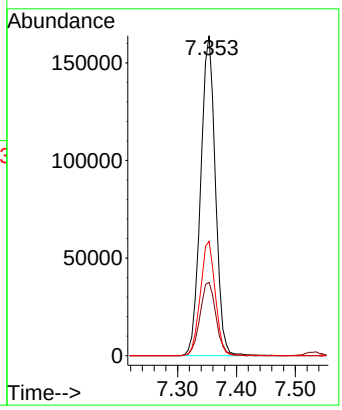


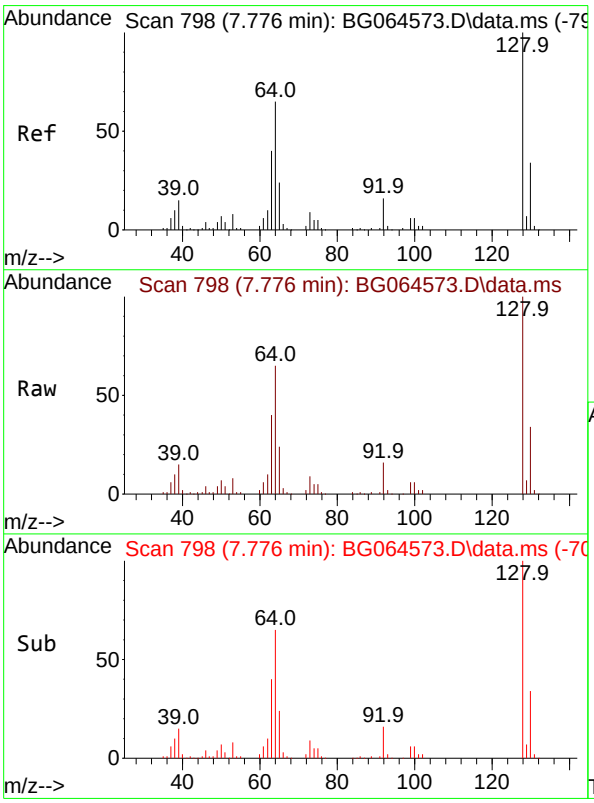
#7
Phenol-d6
Concen: 86.638 ng
RT: 7.353 min Scan# 7
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion: 99 Resp: 284694

Ion	Ratio	Lower	Upper
99	100		
42	22.9	18.3	27.5
71	35.8	28.6	43.0

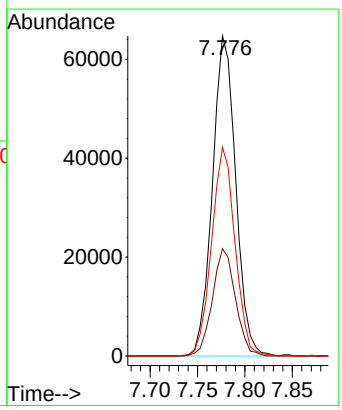


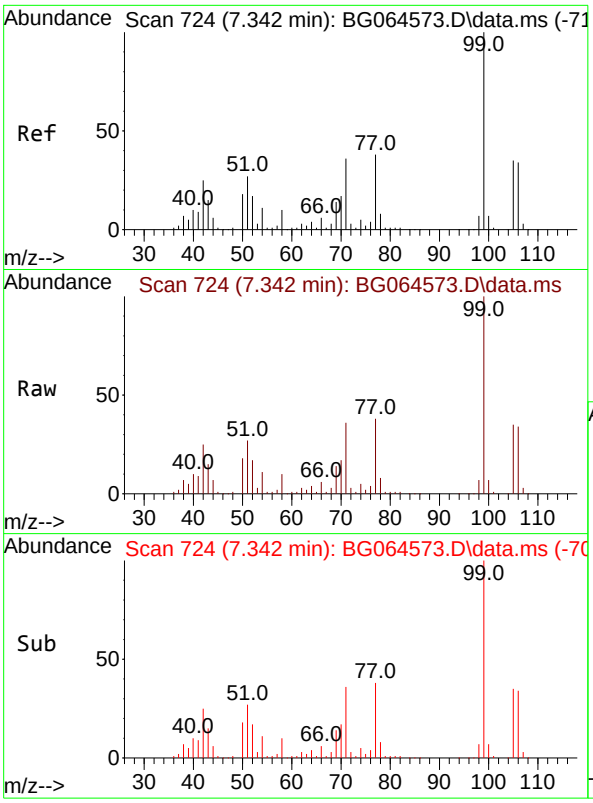


#8
2-Chlorophenol
Concen: 44.051 ng
RT: 7.776 min Scan# 798
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:128 Resp: 110414

Ion	Ratio	Lower	Upper
128	100		
130	33.5	13.5	53.5
64	65.2	45.2	85.2



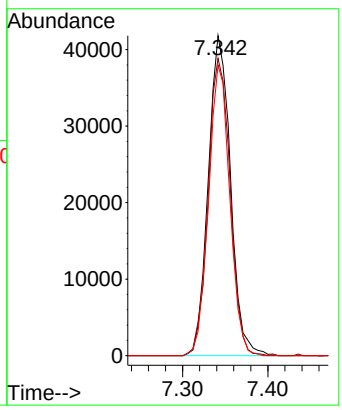


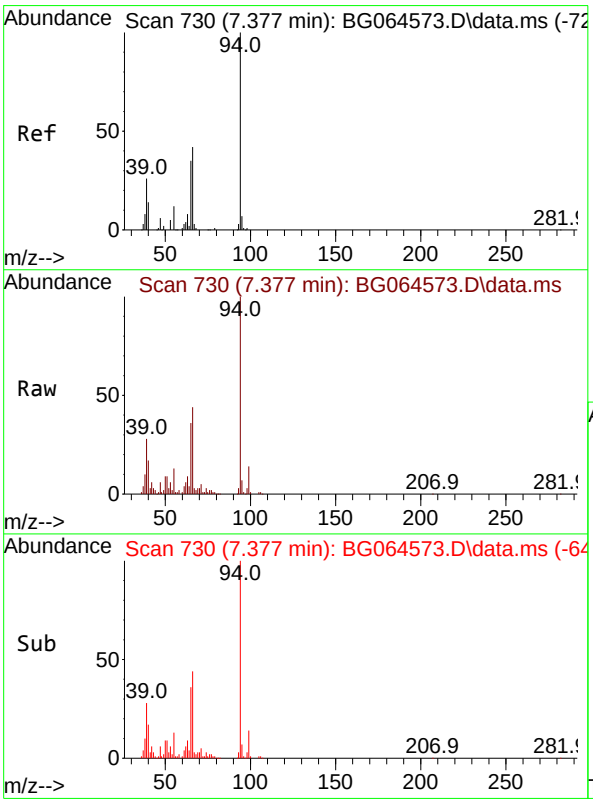
#9
Benzaldehyde
Concen: 42.117 ng
RT: 7.342 min Scan# 7
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 75557

Ion	Ratio	Lower	Upper
77	100		
105	92.9	72.9	112.9
106	90.8	70.8	110.8

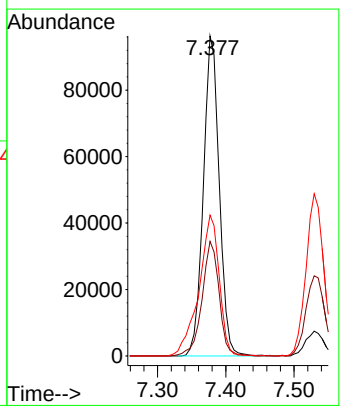


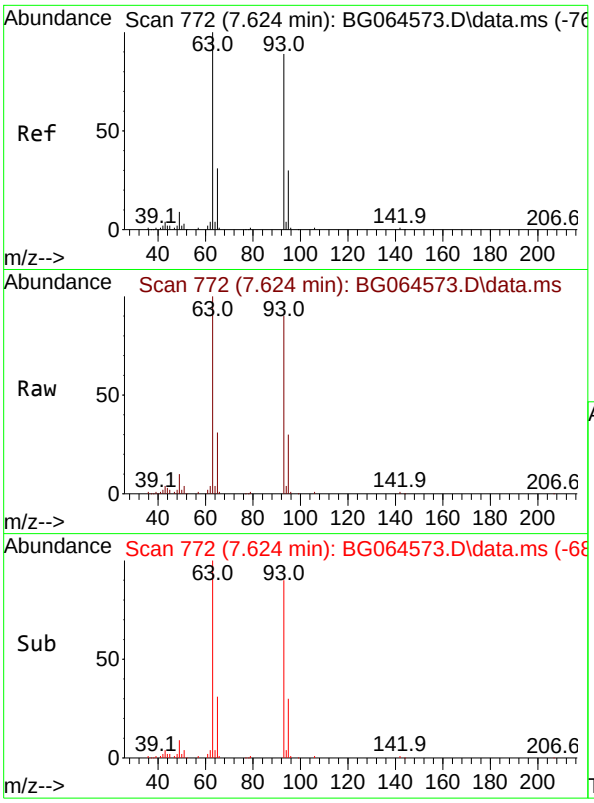


#10
Phenol
Concen: 42.998 ng
RT: 7.377 min Scan# 730
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion: 94 Resp: 156259

Ion	Ratio	Lower	Upper
94	100		
65	35.8	15.8	55.8
66	44.0	24.0	64.0



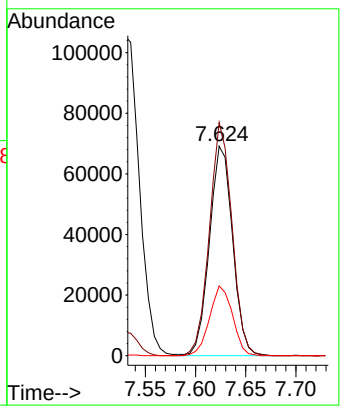


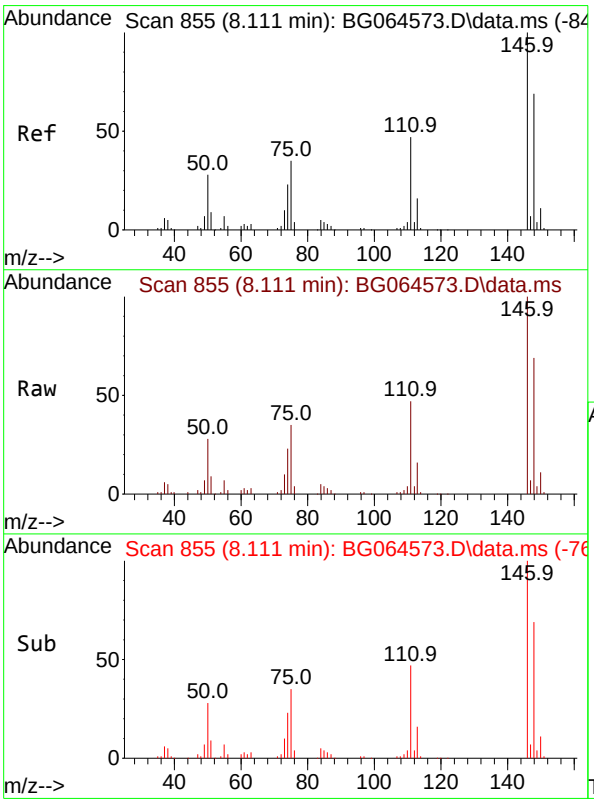
#11
bis(2-Chloroethyl)ether
Concen: 41.613 ng
RT: 7.624 min Scan# 7
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion: 93 Resp: 111183

Ion	Ratio	Lower	Upper
93	100		
63	111.3	91.3	131.3
95	33.3	13.3	53.3

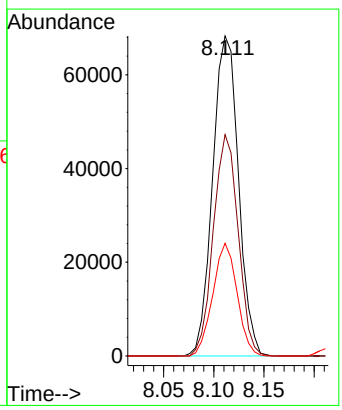


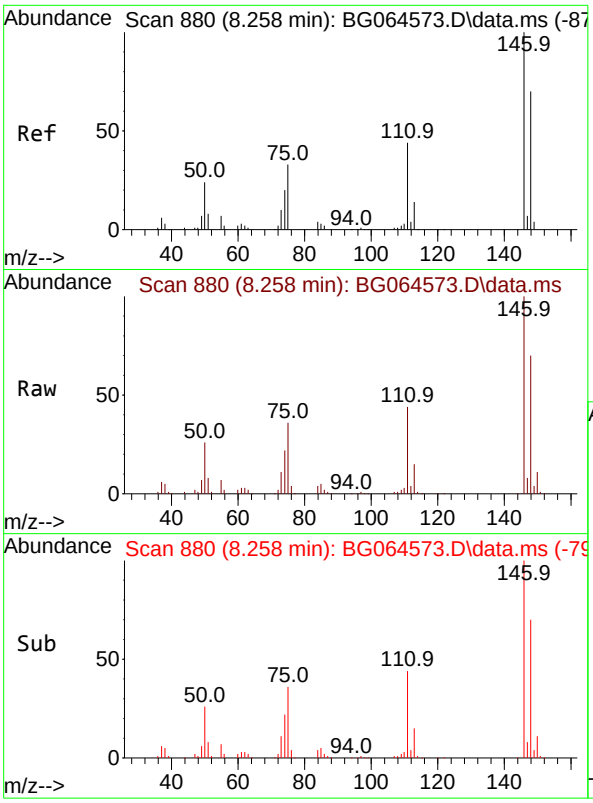


#12
1,3-Dichlorobenzene
Concen: 42.367 ng
RT: 8.111 min Scan# 855
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:146 Resp: 122224

Ion	Ratio	Lower	Upper
146	100		
148	69.1	55.3	82.9
75	35.2	28.2	42.2



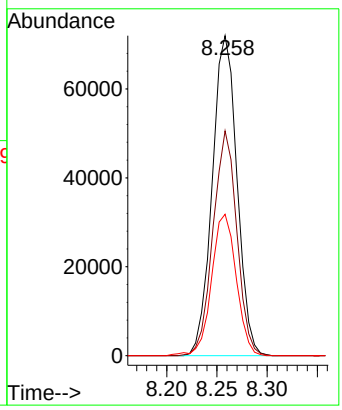


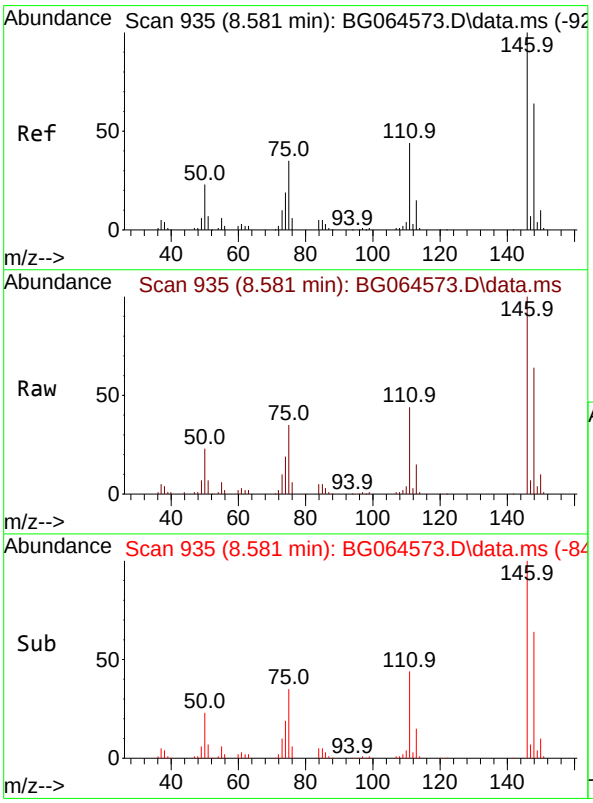
#13
1,4-Dichlorobenzene
Concen: 42.037 ng
RT: 8.258 min Scan# 8
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:146 Resp: 123314

Ion	Ratio	Lower	Upper
146	100		
148	70.3	56.2	84.4
111	44.2	35.4	53.0

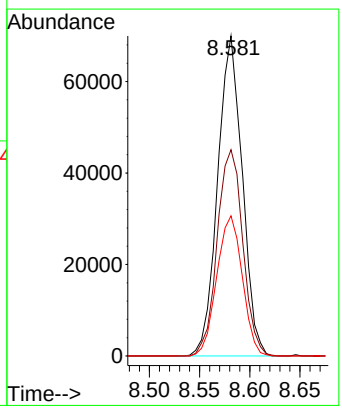


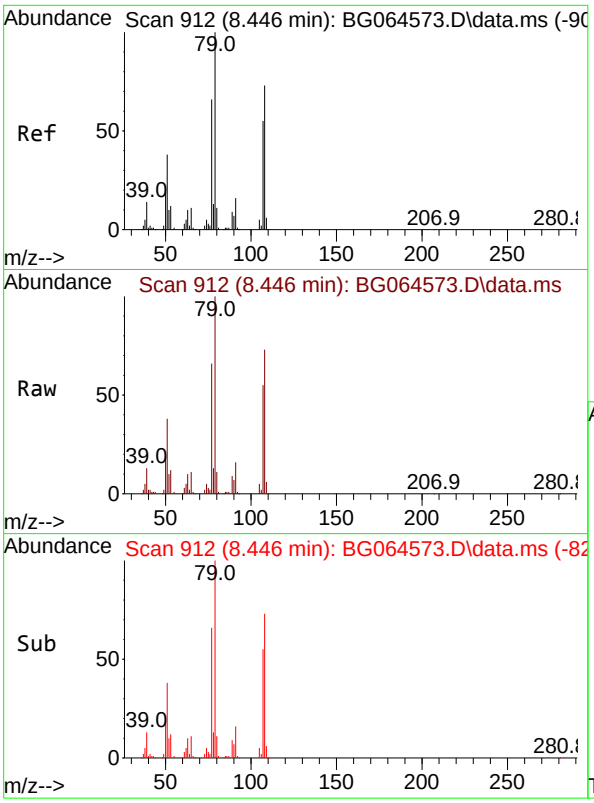


#14
1,2-Dichlorobenzene
Concen: 42.140 ng
RT: 8.581 min Scan# 935
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:146 Resp: 119228

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.5	77.3
111	43.8	35.0	52.6



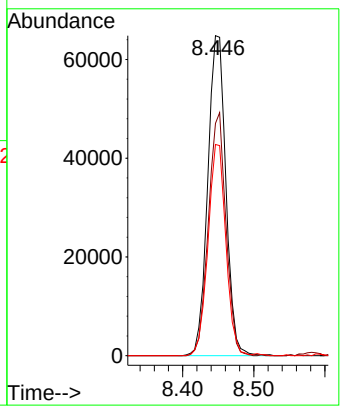


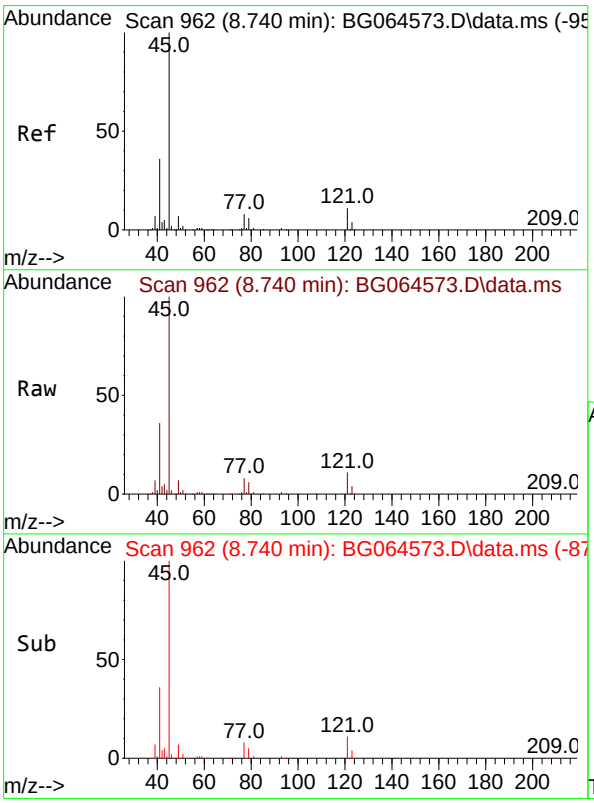
#15
Benzyl Alcohol
Concen: 42.265 ng
RT: 8.446 min Scan# 91
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 114526

Ion	Ratio	Lower	Upper
79	100		
108	72.6	58.1	87.1
77	66.0	52.8	79.2

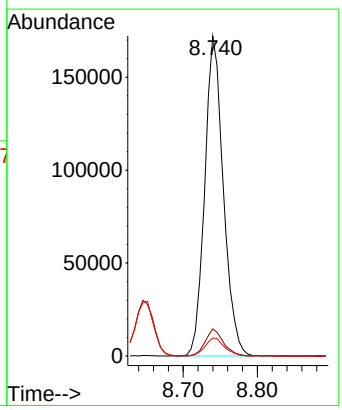


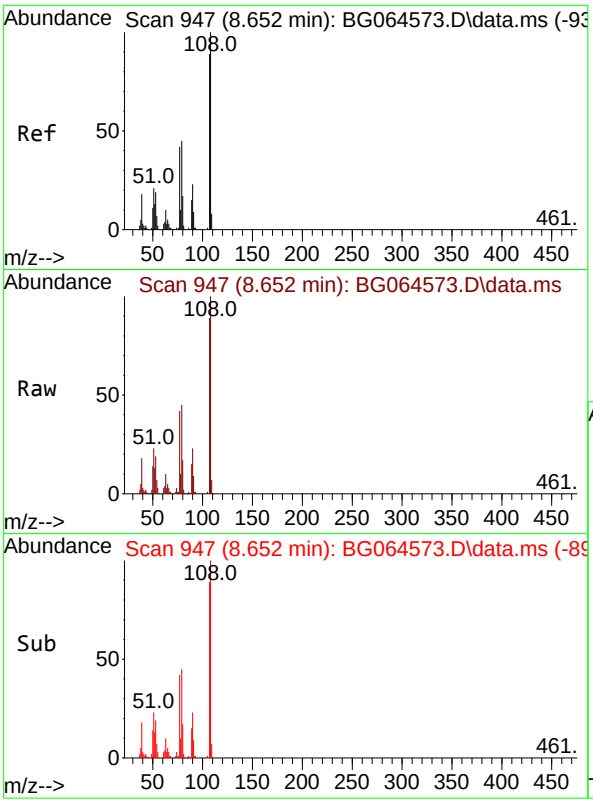


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.819 ng
RT: 8.740 min Scan# 962
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion: 45 Resp: 300095

Ion	Ratio	Lower	Upper
45	100		
77	8.5	0.0	28.5
79	5.6	0.0	25.6



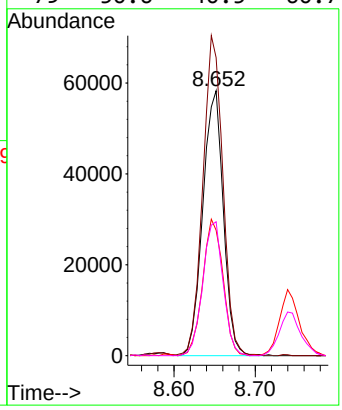


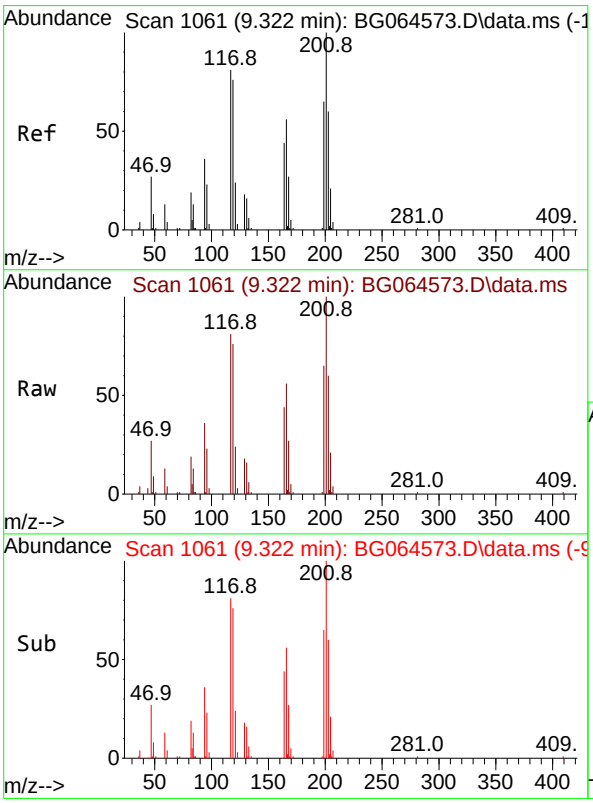
#17
2-Methylphenol
Concen: 42.405 ng
RT: 8.652 min Scan# 94
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:107 Resp: 102315

Ion	Ratio	Lower	Upper
107	100		
108	112.5	90.0	135.0
77	47.3	37.8	56.8
79	50.6	40.5	60.7

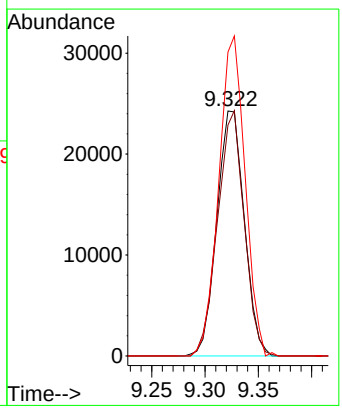


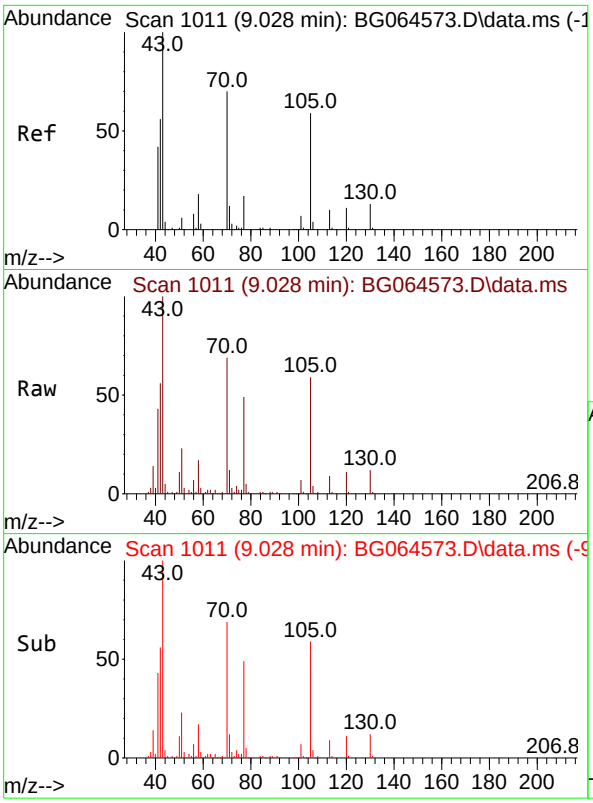


#18
Hexachloroethane
Concen: 42.246 ng
RT: 9.322 min Scan# 1061
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:117 Resp: 43488

Ion	Ratio	Lower	Upper
117	100		
119	94.3	75.4	113.2
201	124.0	99.2	148.8



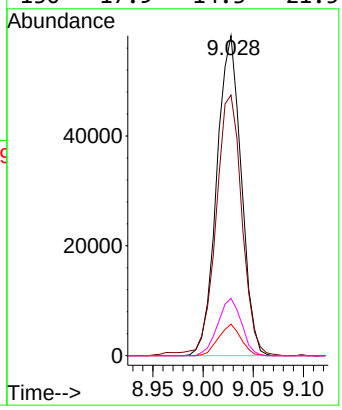


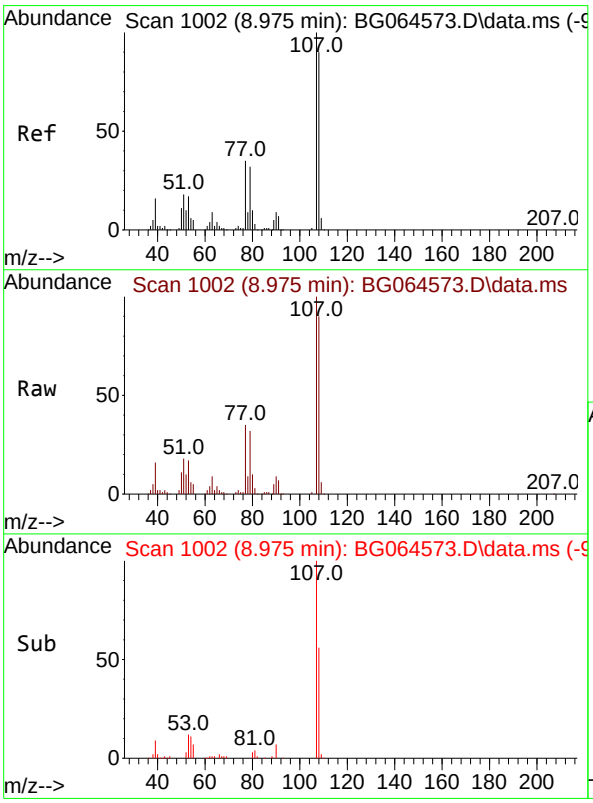
#19
n-Nitroso-di-n-propylamine
Concen: 43.438 ng
RT: 9.028 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion: 70 Resp: 98647

Ion	Ratio	Lower	Upper
70	100		
42	81.5	65.2	97.8
101	9.9	7.9	11.9
130	17.9	14.3	21.5

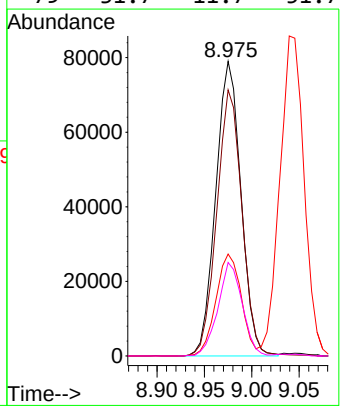


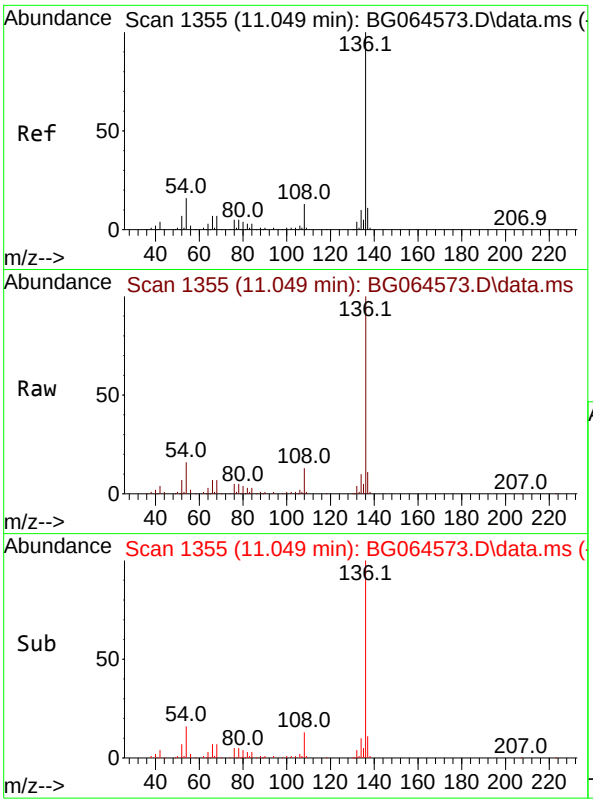


#20
3+4-Methylphenols
Concen: 43.080 ng
RT: 8.975 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:107 Resp: 146177

Ion	Ratio	Lower	Upper
107	100		
108	90.3	70.3	110.3
77	34.6	14.6	54.6
79	31.7	11.7	51.7



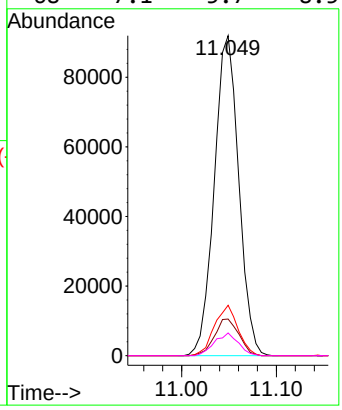


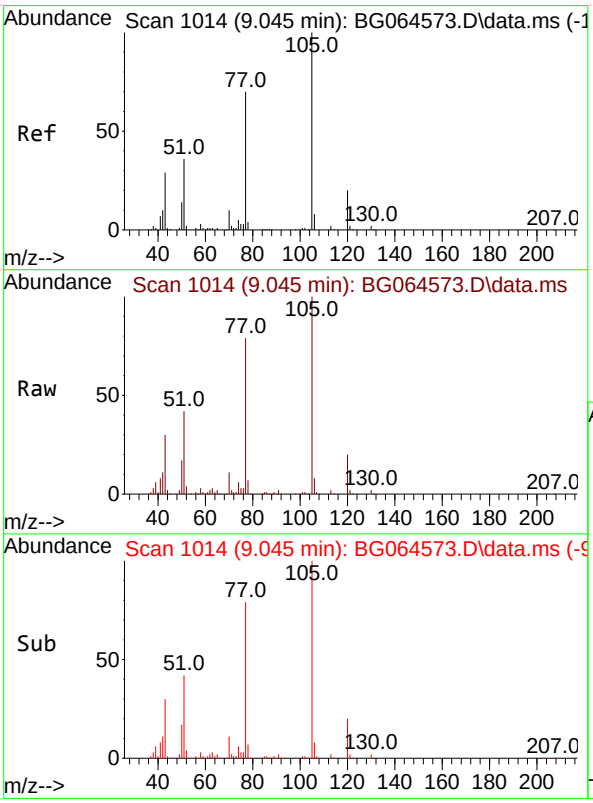
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.049 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:136 Resp: 164795

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	15.8	12.6	19.0
68	7.1	5.7	8.5

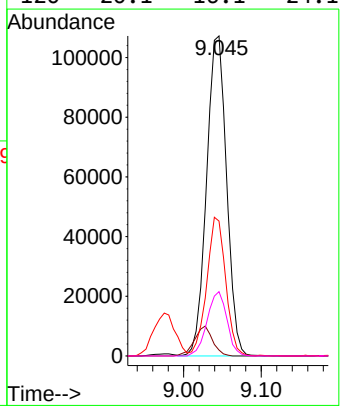


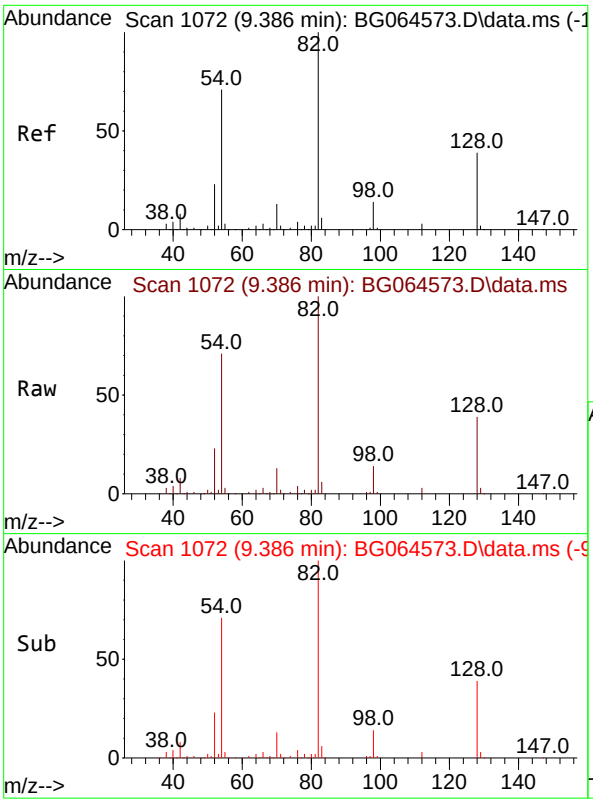


#22
Acetophenone
Concen: 42.750 ng
RT: 9.045 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:105 Resp: 192583

Ion	Ratio	Lower	Upper
105	100		
71	1.9	1.5	2.3
51	42.1	33.7	50.5
120	20.1	16.1	24.1



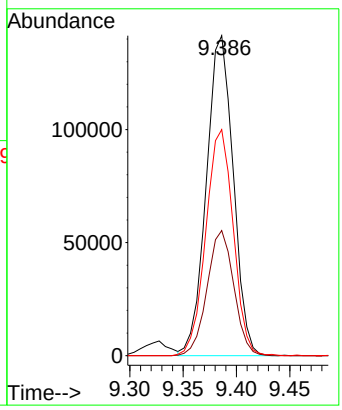


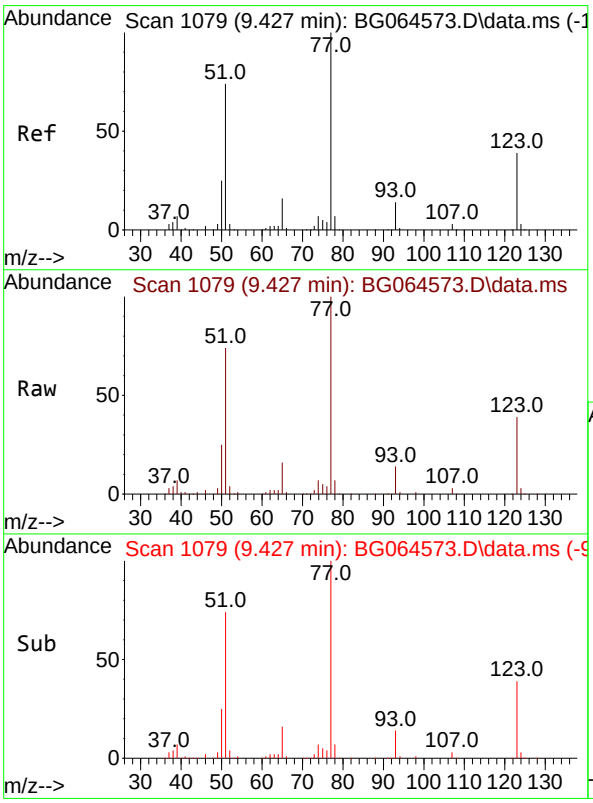
#23
Nitrobenzene-d5
Concen: 90.513 ng
RT: 9.386 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 248341

Ion	Ratio	Lower	Upper
82	100		
128	39.1	31.3	46.9
54	70.7	56.6	84.8

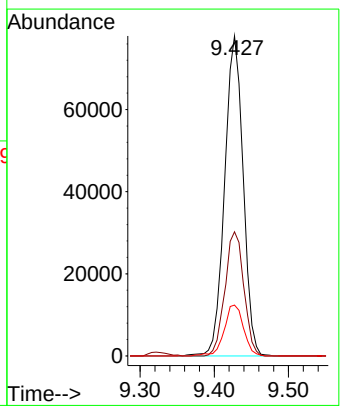


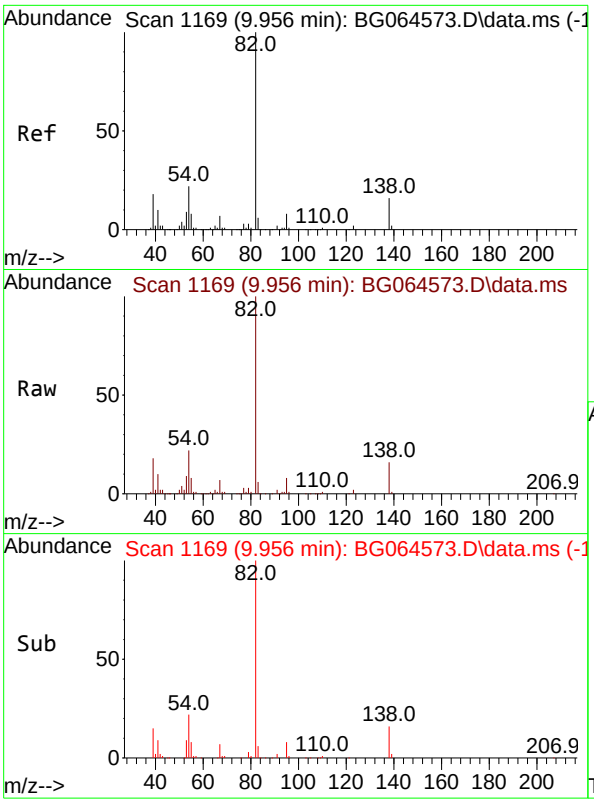


#24
Nitrobenzene
Concen: 45.274 ng
RT: 9.427 min Scan# 1079
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion: 77 Resp: 135107

Ion	Ratio	Lower	Upper
77	100		
123	38.8	31.0	46.6
65	15.9	12.7	19.1



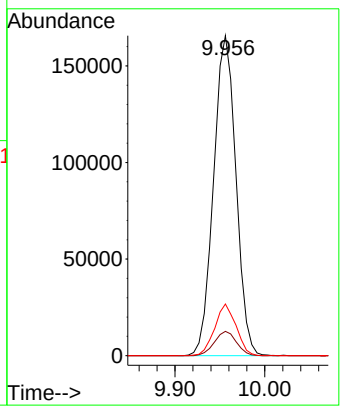


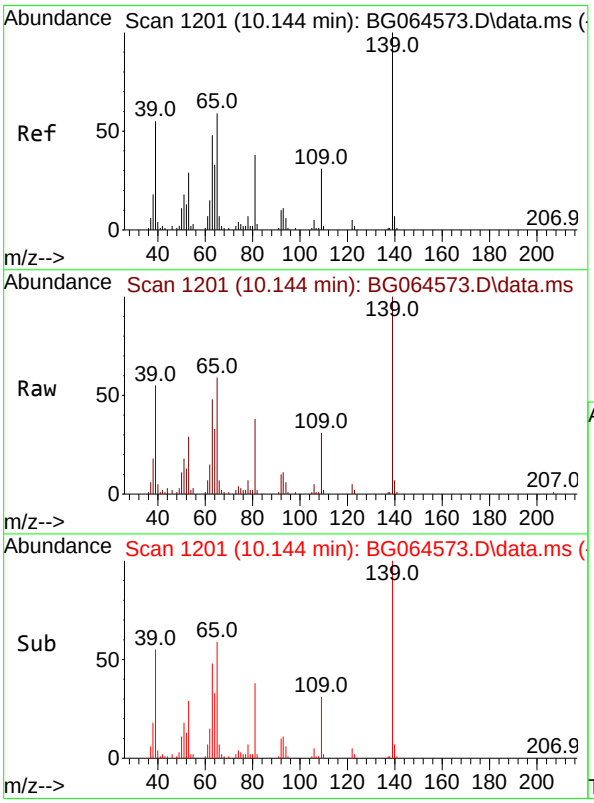
#25
Isophorone
Concen: 43.507 ng
RT: 9.956 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 286439

Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.1	9.1
138	16.2	13.0	19.4

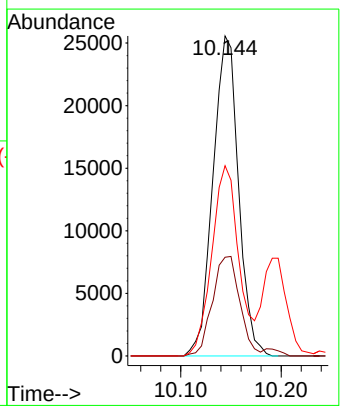


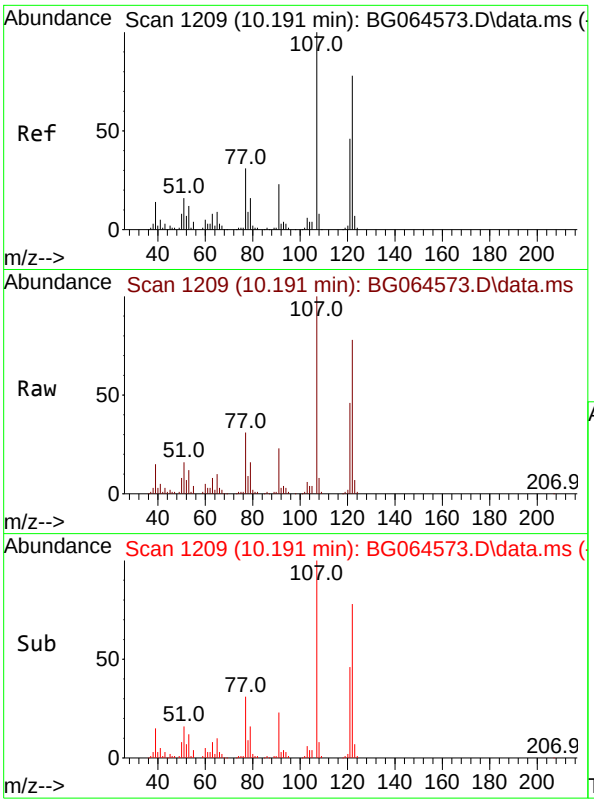


#26
2-Nitrophenol
Concen: 39.772 ng
RT: 10.144 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:139 Resp: 45134

Ion	Ratio	Lower	Upper
139	100		
109	30.8	24.6	37.0
65	59.4	47.5	71.3



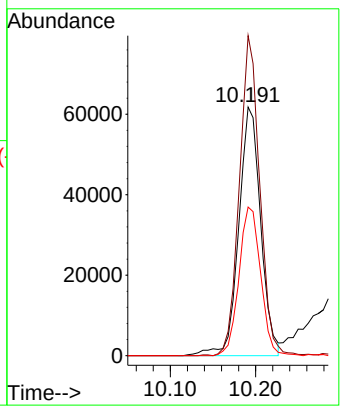


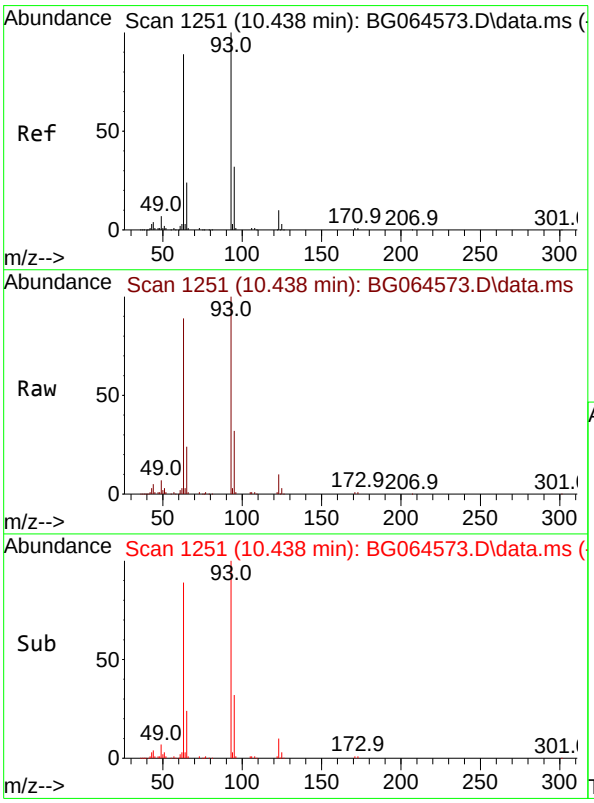
#27
2,4-Dimethylphenol
Concen: 45.129 ng
RT: 10.191 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:122 Resp: 110518

Ion	Ratio	Lower	Upper
122	100		
107	128.7	103.0	154.4
121	59.8	47.8	71.8

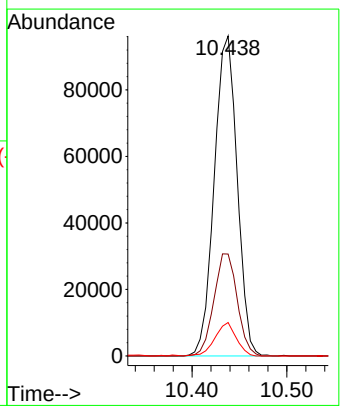


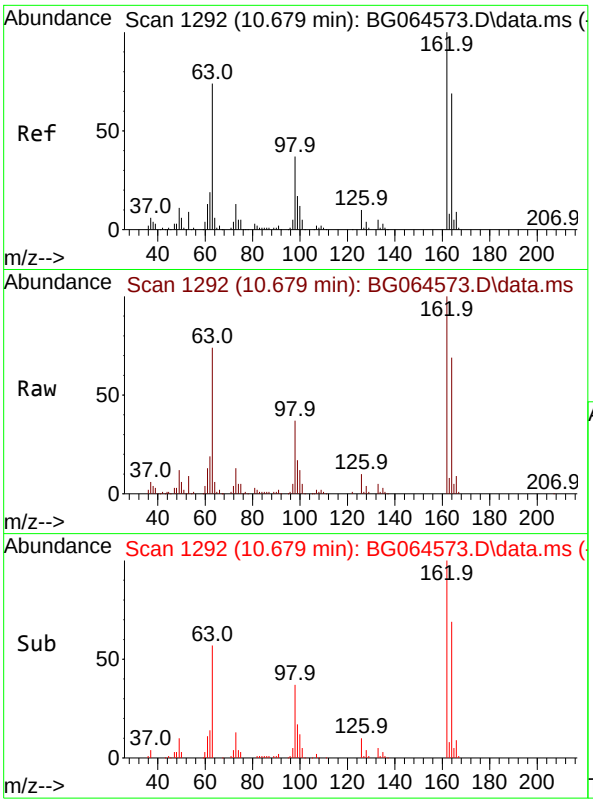


#28
bis(2-Chloroethoxy)methane
Concen: 43.070 ng
RT: 10.438 min Scan# 1251
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion: 93 Resp: 161449

Ion	Ratio	Lower	Upper
93	100		
95	31.8	25.4	38.2
123	10.5	8.4	12.6



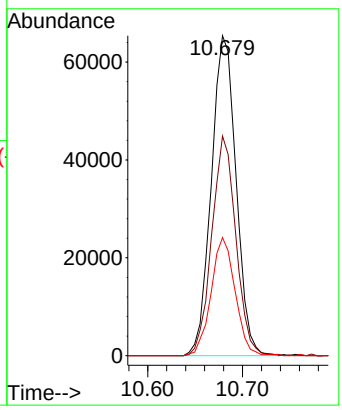


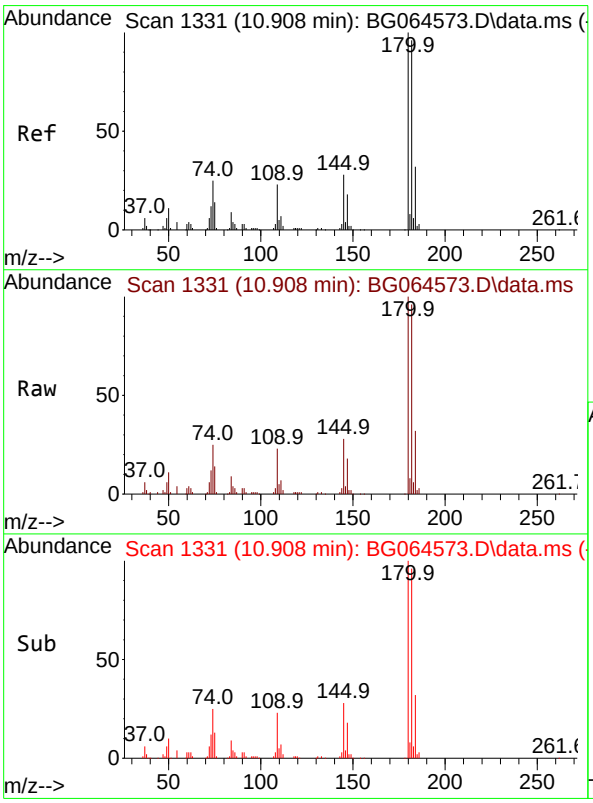
#29
2,4-Dichlorophenol
Concen: 45.026 ng
RT: 10.679 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 118669

Ion	Ratio	Lower	Upper
162	100		
164	68.7	48.7	88.7
98	36.9	16.9	56.9

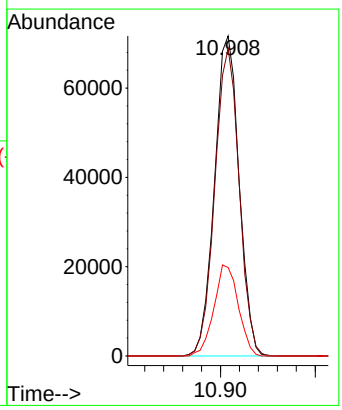


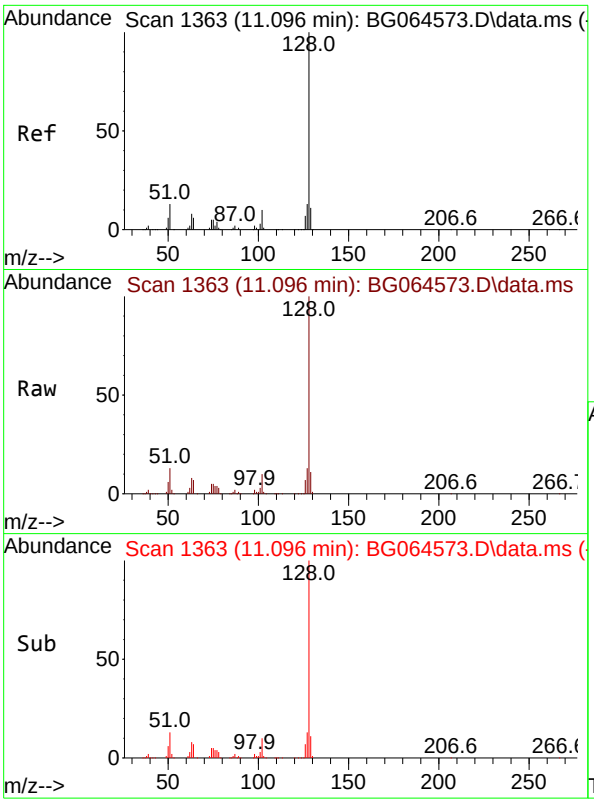


#30
1,2,4-Trichlorobenzene
Concen: 43.046 ng
RT: 10.908 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:180 Resp: 128902

Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.9	115.3
145	27.6	22.1	33.1



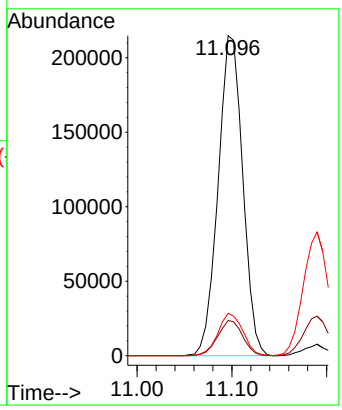


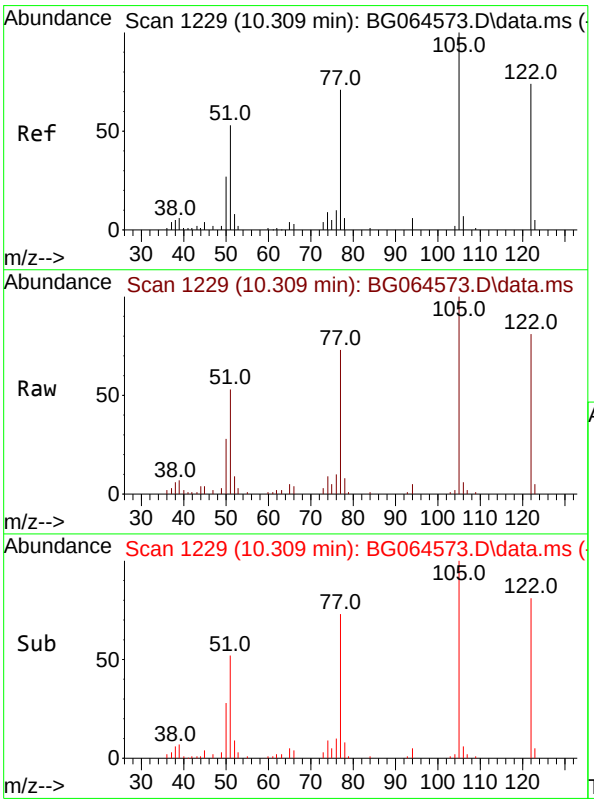
#31
Naphthalene
Concen: 42.469 ng
RT: 11.096 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:128 Resp: 388032

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.2	10.6	15.8

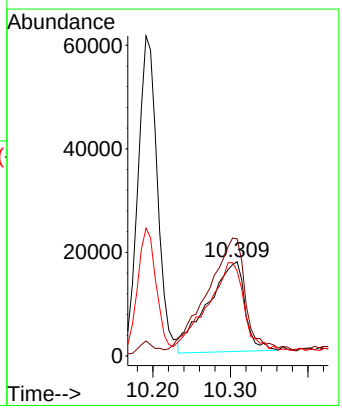


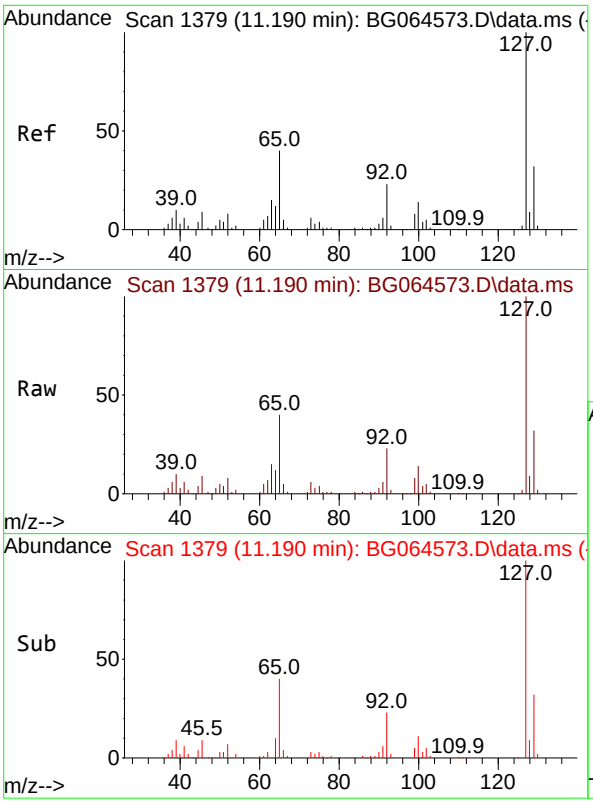


#32
Benzoic acid
Concen: 32.923 ng
RT: 10.309 min Scan# 1229
Delta R.T. -0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:122 Resp: 57715

Ion	Ratio	Lower	Upper
122	100		
105	124.2	104.2	144.2
77	90.2	70.2	110.2



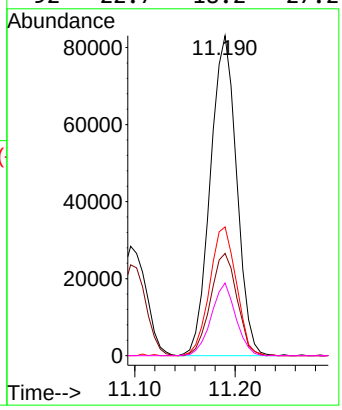


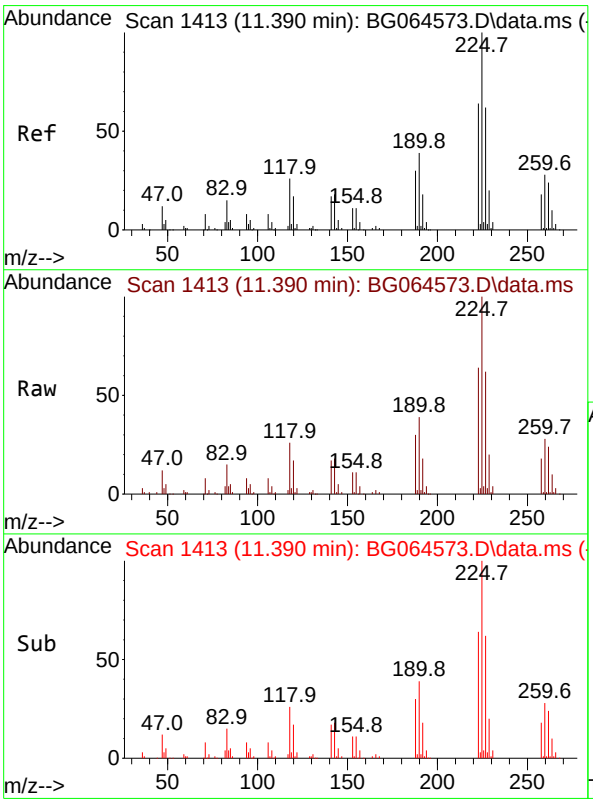
#33
4-Chloroaniline
Concen: 42.585 ng
RT: 11.190 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:127 Resp: 151231

Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.5	38.3
65	40.3	32.2	48.4
92	22.7	18.2	27.2

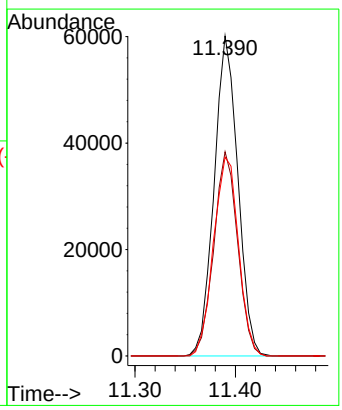


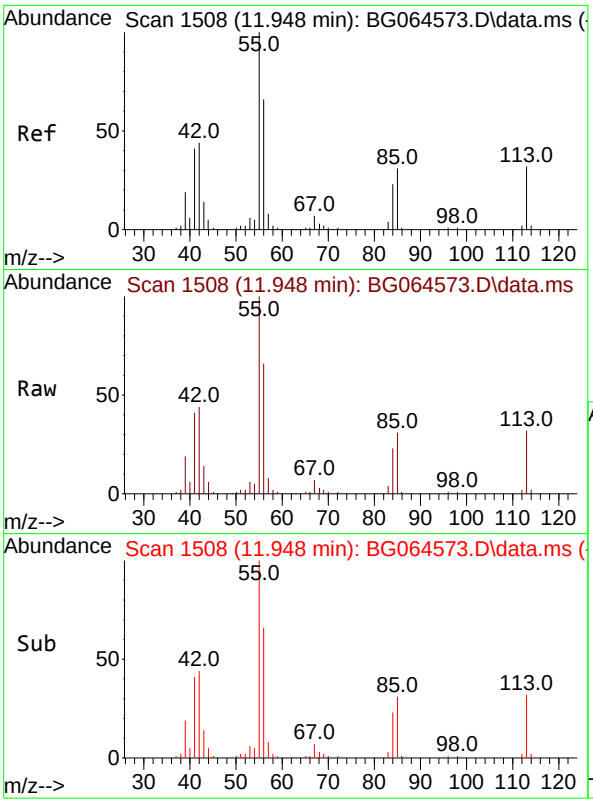


#34
Hexachlorobutadiene
Concen: 42.139 ng
RT: 11.390 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:225 Resp: 98683

Ion	Ratio	Lower	Upper
225	100		
223	61.0	48.8	73.2
227	61.9	49.5	74.3



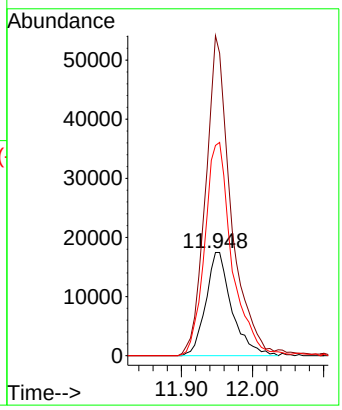


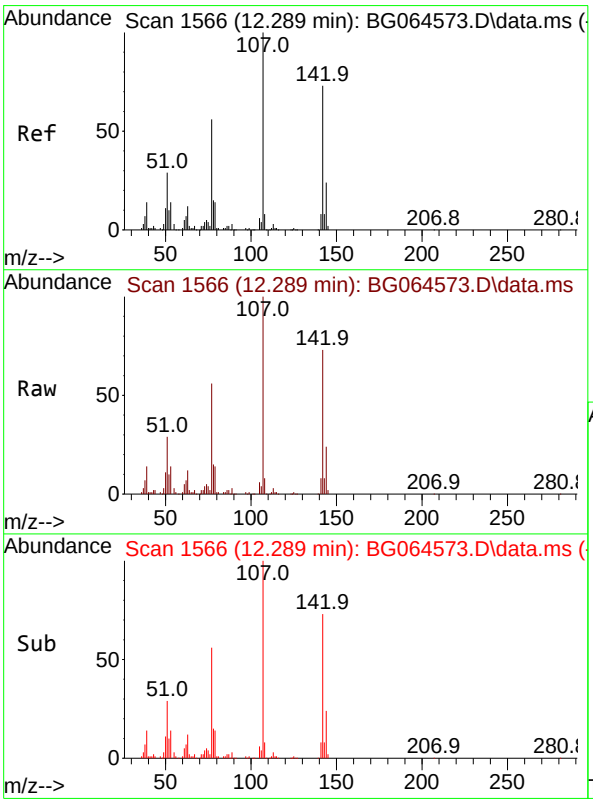
#35
Caprolactam
Concen: 43.731 ng
RT: 11.948 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:113 Resp: 44205

Ion	Ratio	Lower	Upper
113	100		
55	310.1	290.1	330.1
56	203.8	183.8	223.8

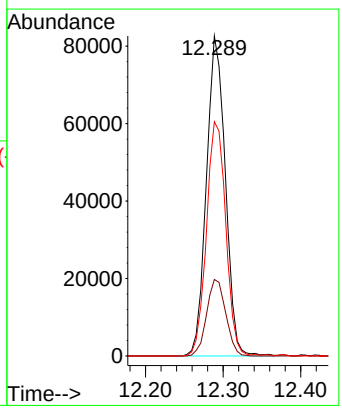


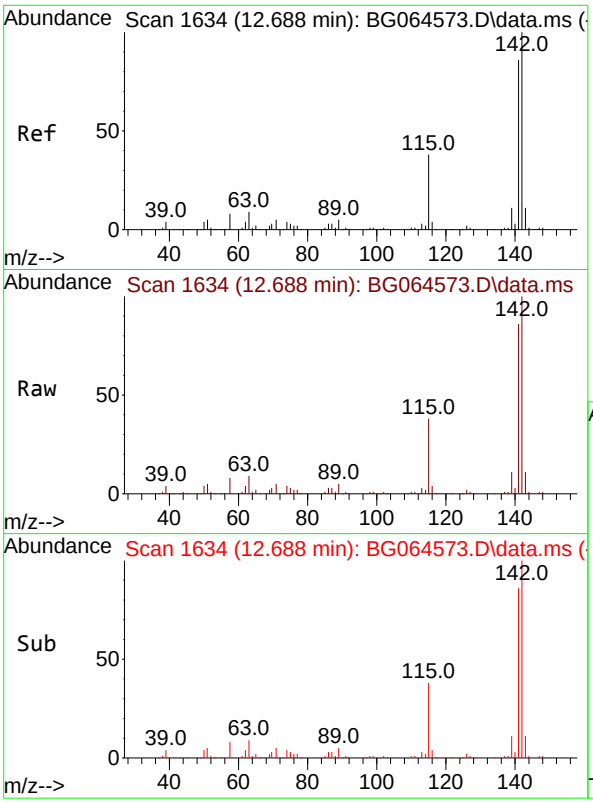


#36
4-Chloro-3-methylphenol
Concen: 44.278 ng
RT: 12.289 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:107 Resp: 140272

Ion	Ratio	Lower	Upper
107	100		
144	23.9	19.1	28.7
142	73.2	58.6	87.8



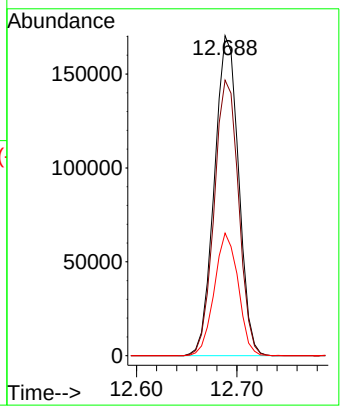


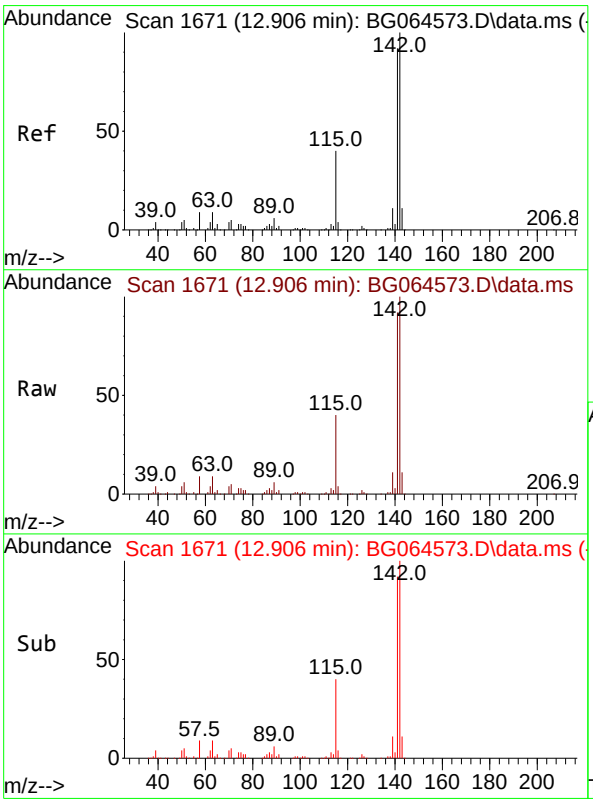
#37
2-Methylnaphthalene
Concen: 42.499 ng
RT: 12.688 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:142 Resp: 285089

Ion	Ratio	Lower	Upper
142	100		
141	86.1	68.9	103.3
115	38.3	30.6	46.0

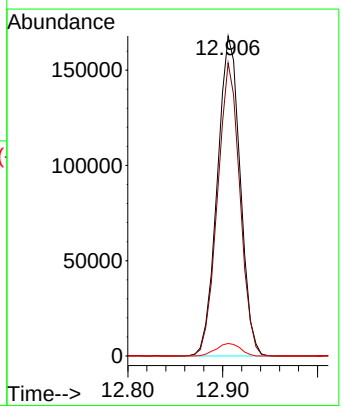


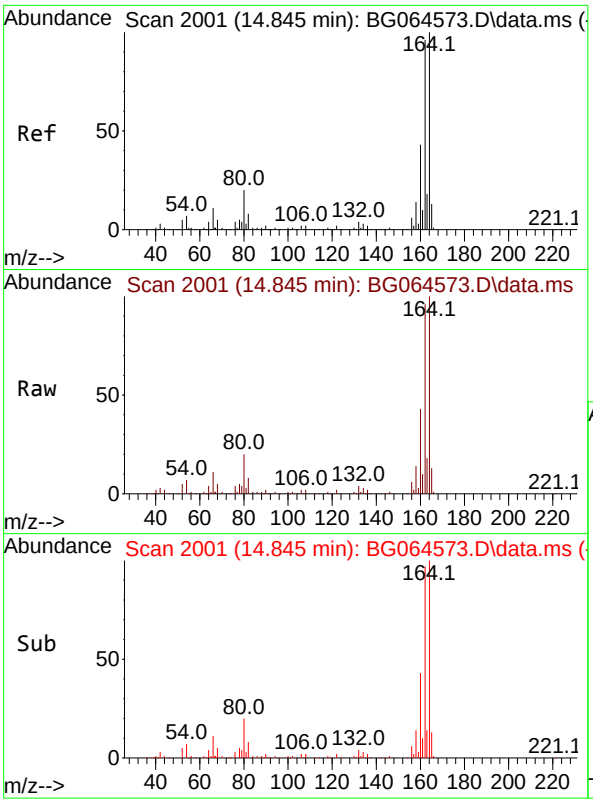


#38
1-Methylnaphthalene
Concen: 42.362 ng
RT: 12.906 min Scan# 1671
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:142 Resp: 281256

Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.3	109.9
116	3.9	3.1	4.7



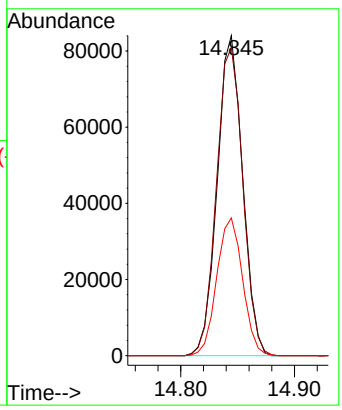


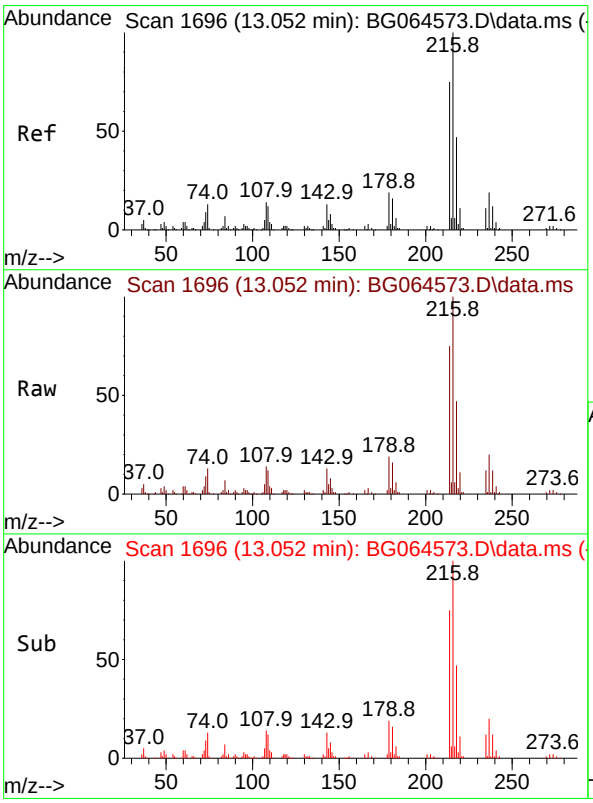
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.845 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:164 Resp: 130542

Ion	Ratio	Lower	Upper
164	100		
162	96.3	77.0	115.6
160	43.0	34.4	51.6

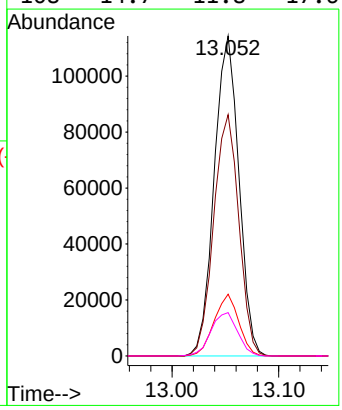


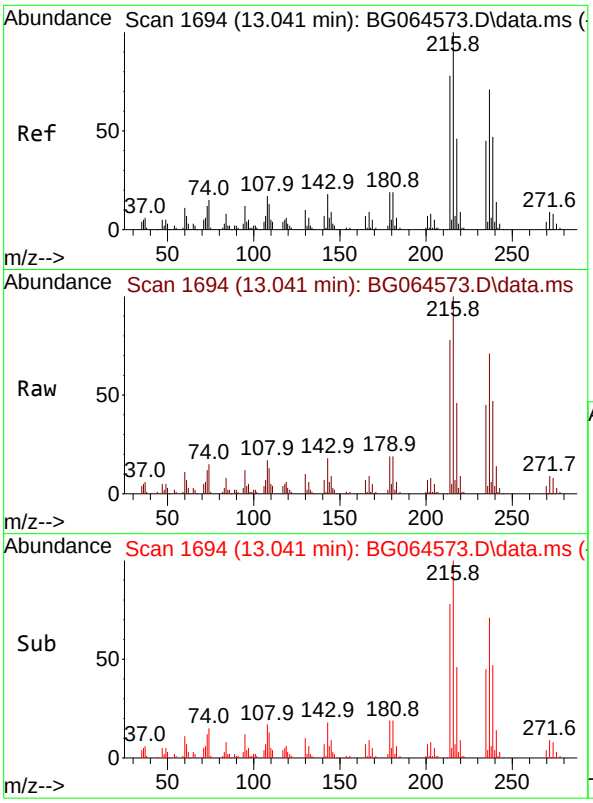


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.856 ng
RT: 13.052 min Scan# 1696
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:216 Resp: 183376

Ion	Ratio	Lower	Upper
216	100		
214	76.8	61.4	92.2
179	19.2	15.4	23.0
108	14.7	11.8	17.6



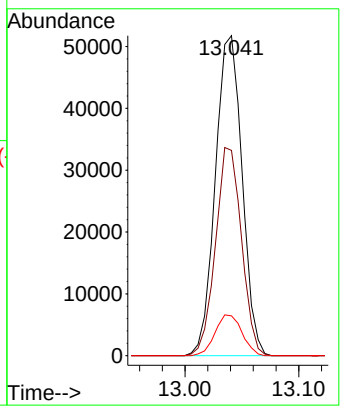


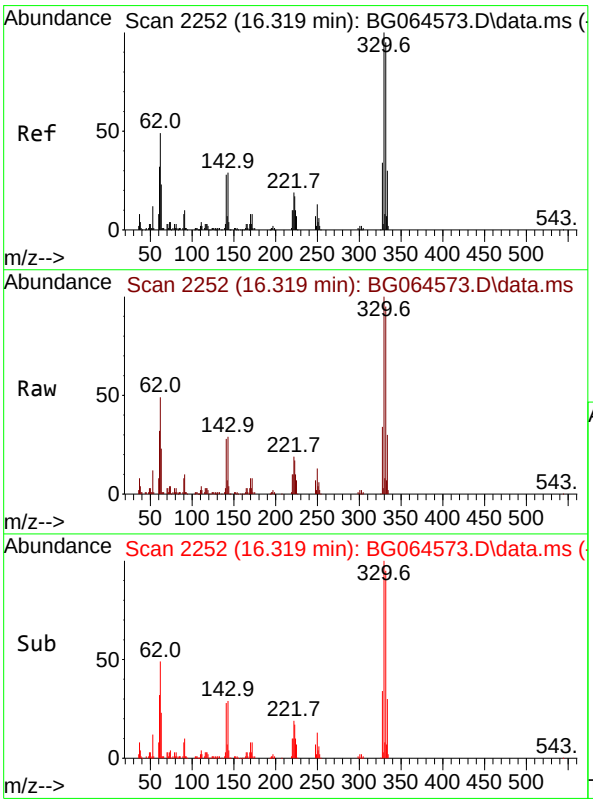
#41
Hexachlorocyclopentadiene
Concen: 42.853 ng
RT: 13.041 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:237 Resp: 84505

Ion	Ratio	Lower	Upper
237	100		
235	64.1	44.1	84.1
272	12.4	0.0	32.4

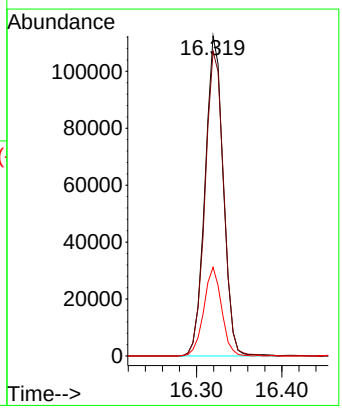


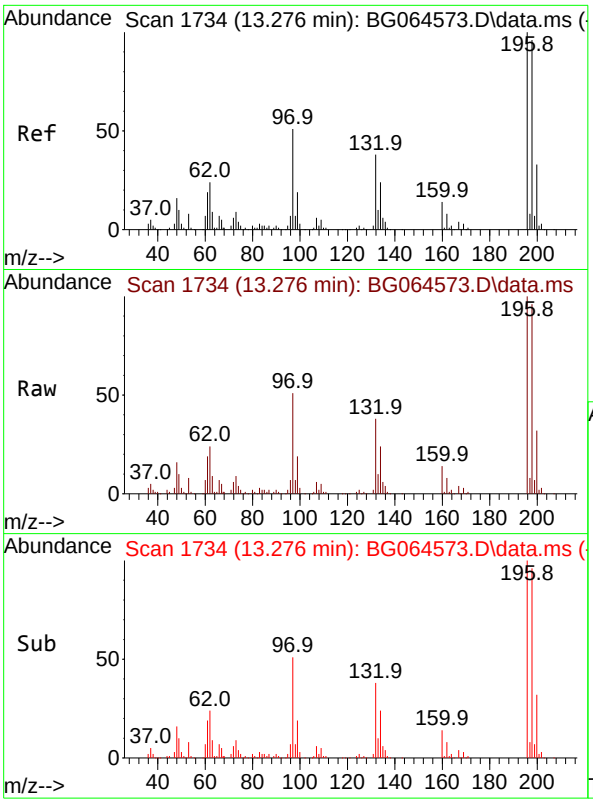


#42
2,4,6-Tribromophenol
Concen: 88.092 ng
RT: 16.319 min Scan# 2252
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:330 Resp: 165976

Ion	Ratio	Lower	Upper
330	100		
332	97.5	78.0	117.0
141	27.2	21.8	32.6



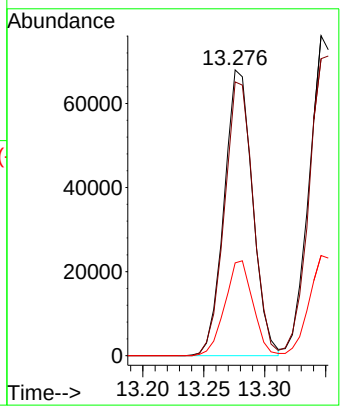


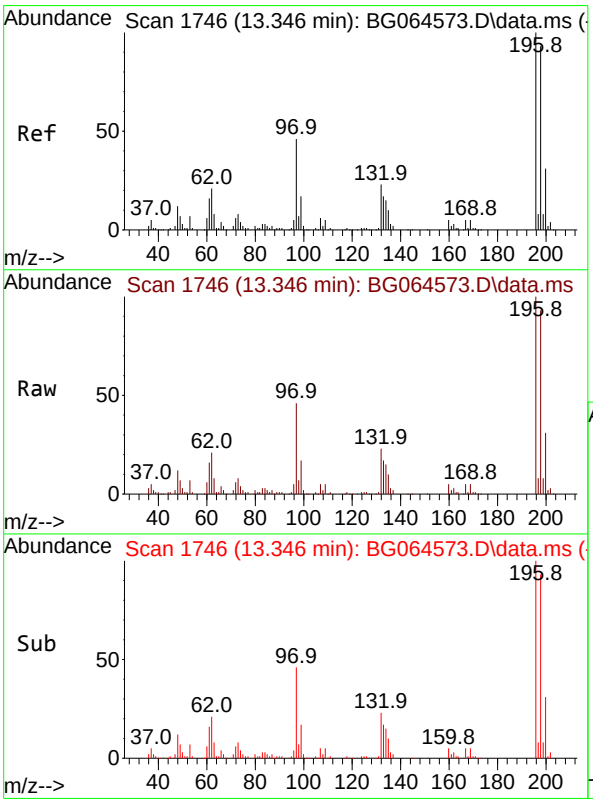
#43
2,4,6-Trichlorophenol
Concen: 44.097 ng
RT: 13.276 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:196 Resp: 110509

Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.6	115.0
200	32.5	26.0	39.0

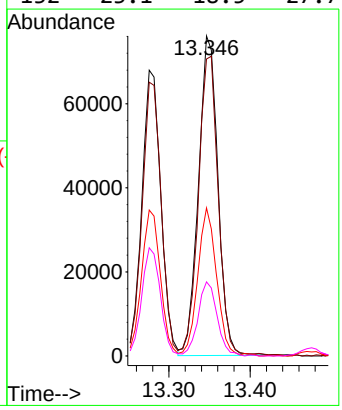


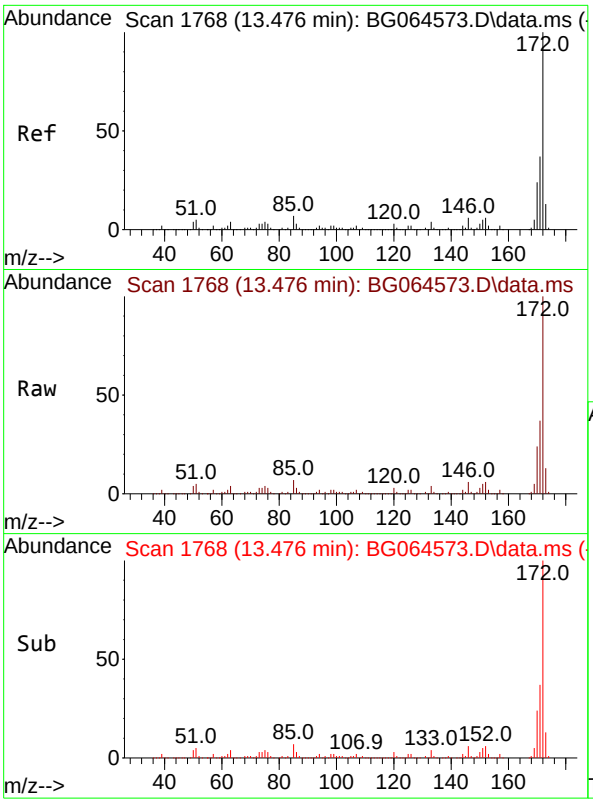


#44
2,4,5-Trichlorophenol
Concen: 43.694 ng
RT: 13.346 min Scan# 1746
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:196 Resp: 126360

Ion	Ratio	Lower	Upper
196	100		
198	92.8	74.2	111.4
97	46.3	37.0	55.6
132	23.1	18.5	27.7



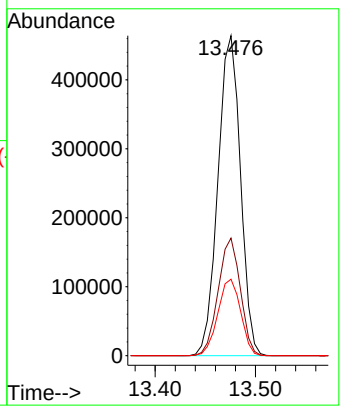


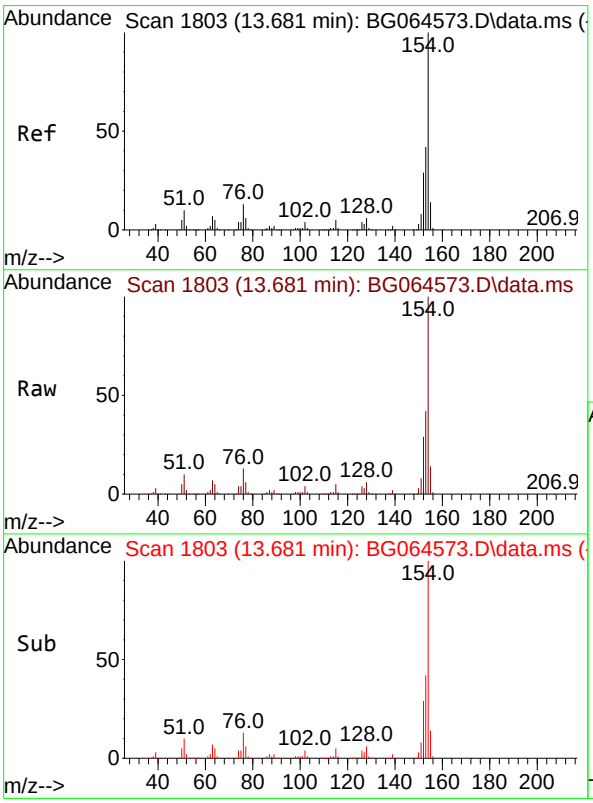
#45
2-Fluorobiphenyl
Concen: 83.888 ng
RT: 13.476 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:172 Resp: 722477

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	23.9	19.1	28.7

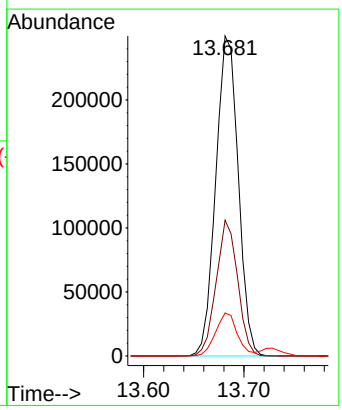


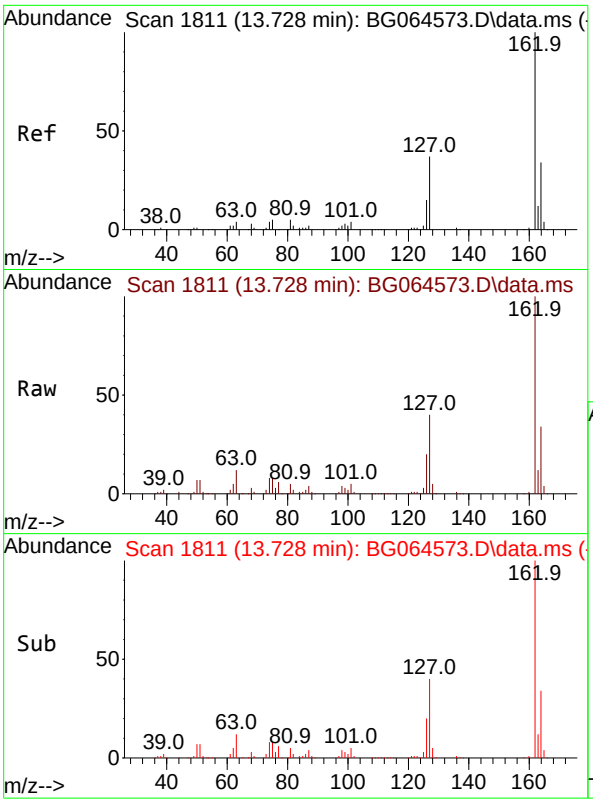


#46
1,1'-Biphenyl
Concen: 41.885 ng
RT: 13.681 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:154 Resp: 388718

Ion	Ratio	Lower	Upper
154	100		
153	42.4	22.4	62.4
76	13.5	0.0	33.5



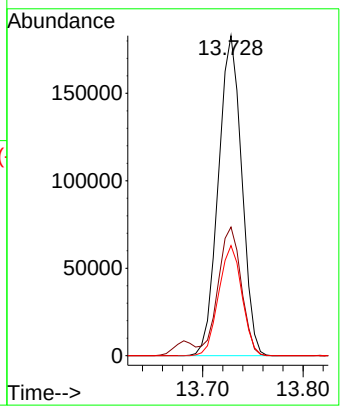


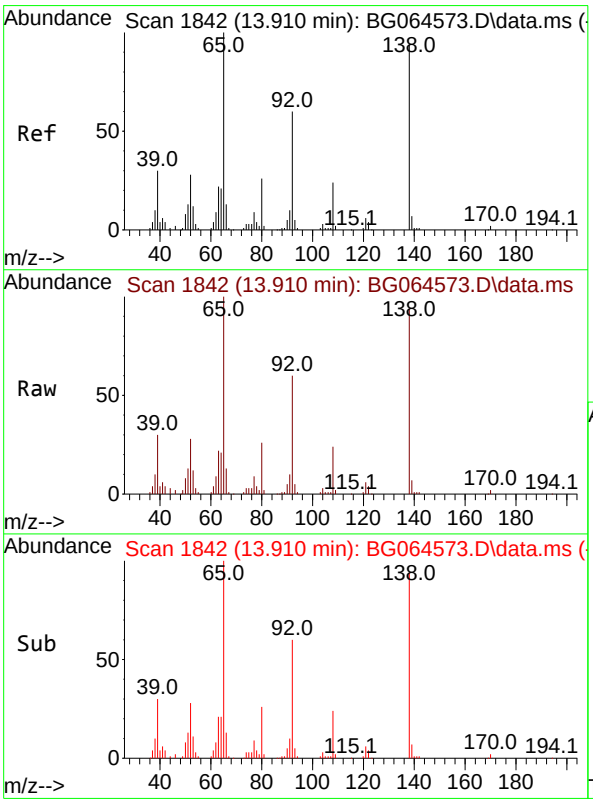
#47
2-Chloronaphthalene
Concen: 42.182 ng
RT: 13.728 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 295501

Ion	Ratio	Lower	Upper
162	100		
127	40.2	32.2	48.2
164	34.4	27.5	41.3

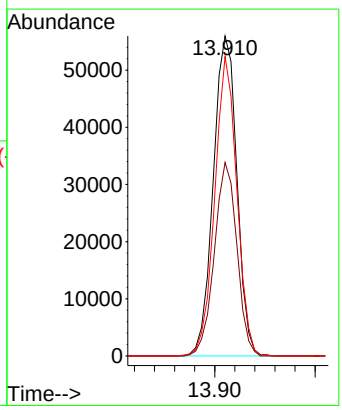


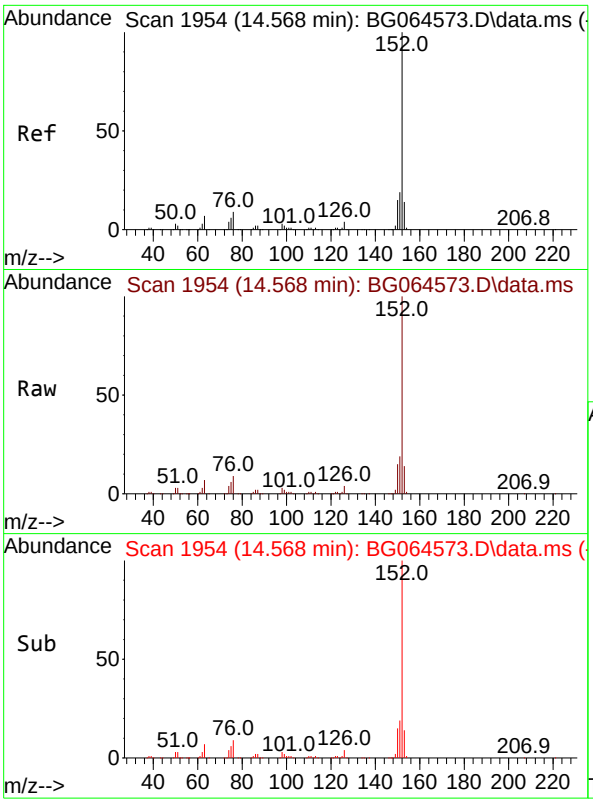


#48
2-Nitroaniline
Concen: 39.303 ng
RT: 13.910 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion: 65 Resp: 90958

Ion	Ratio	Lower	Upper
65	100		
92	60.4	48.3	72.5
138	93.6	74.9	112.3



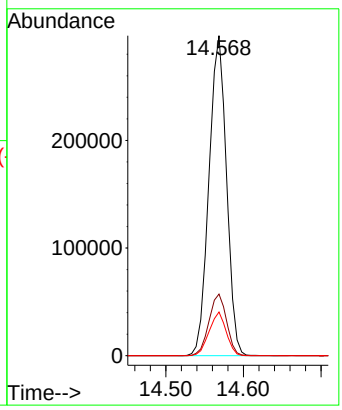


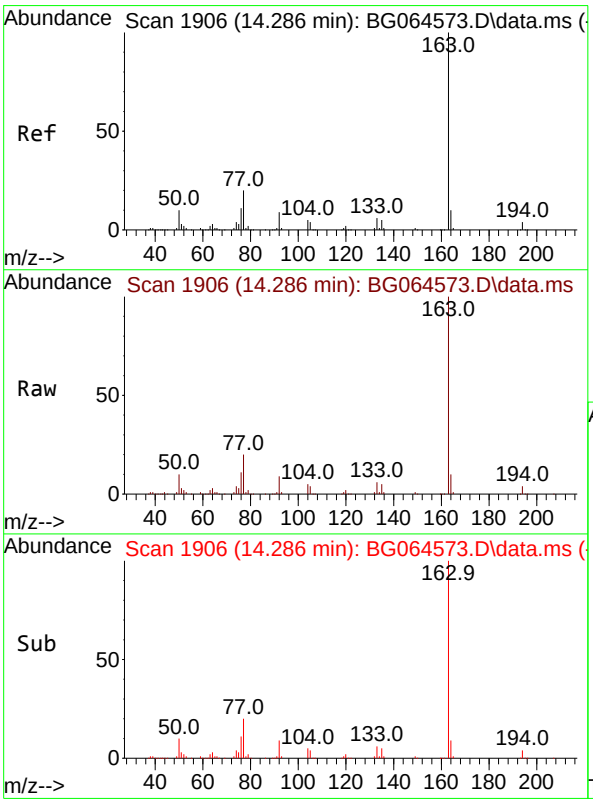
#49
Acenaphthylene
Concen: 42.209 ng
RT: 14.568 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 466393

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.2
153	13.7	11.0	16.4

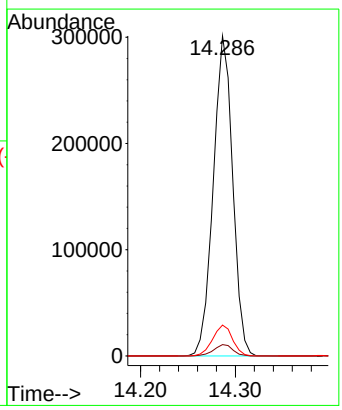


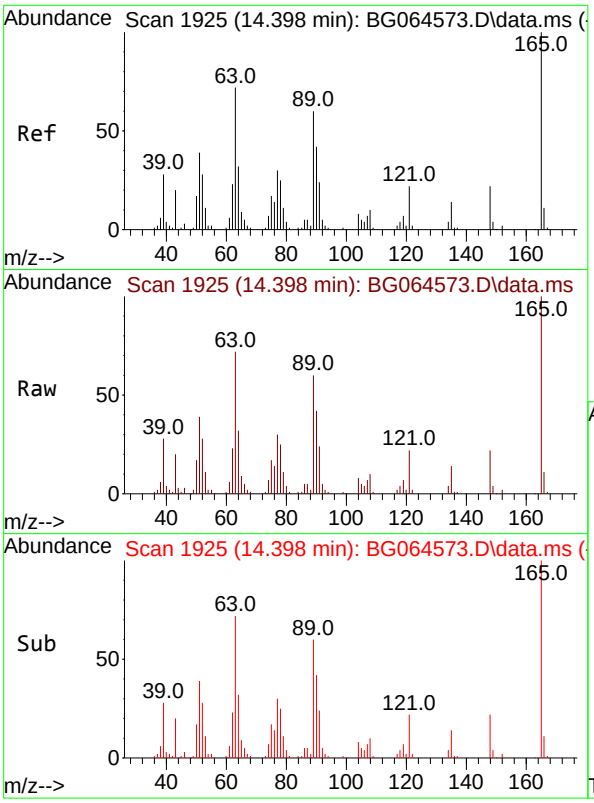


#50
Dimethylphthalate
Concen: 42.894 ng
RT: 14.286 min Scan# 1906
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:163 Resp: 428475

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	9.6	7.7	11.5



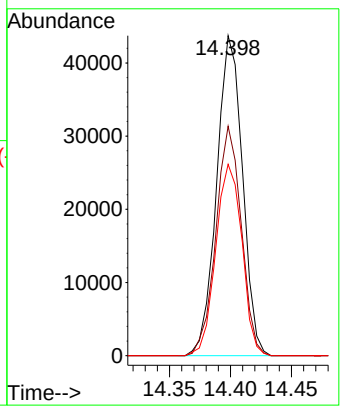


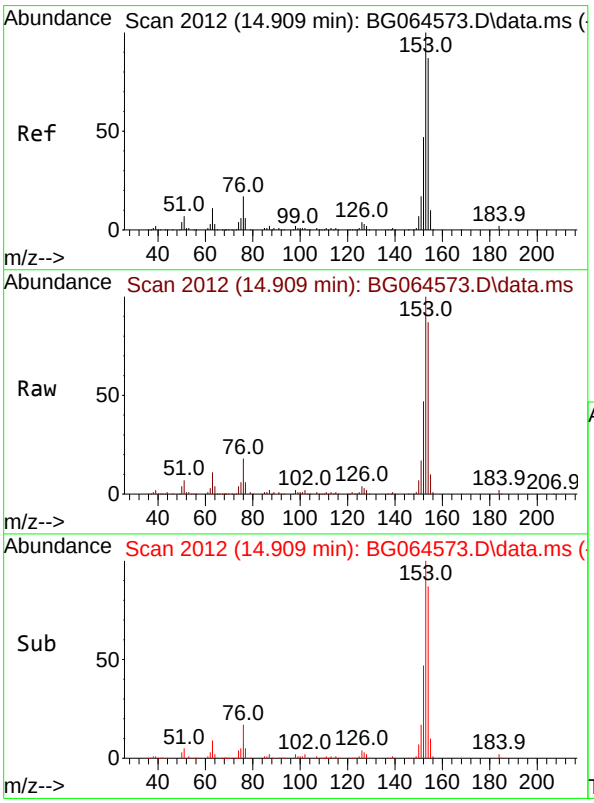
#51
2,6-Dinitrotoluene
Concen: 39.696 ng
RT: 14.398 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 64452

Ion	Ratio	Lower	Upper
165	100		
63	71.7	57.4	86.0
89	59.8	47.8	71.8

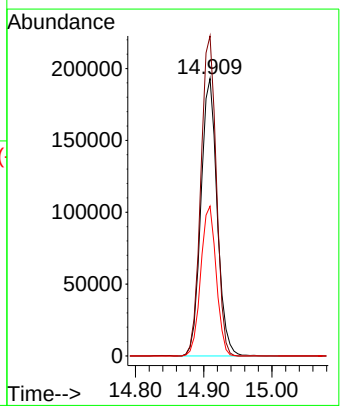


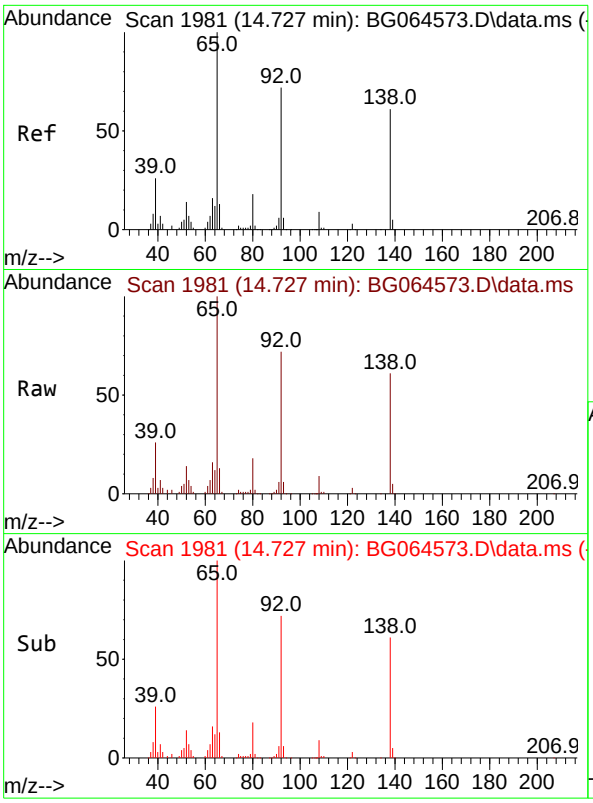


#52
Acenaphthene
Concen: 42.289 ng
RT: 14.909 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:154 Resp: 319250

Ion	Ratio	Lower	Upper
154	100		
153	115.3	92.2	138.4
152	54.0	43.2	64.8



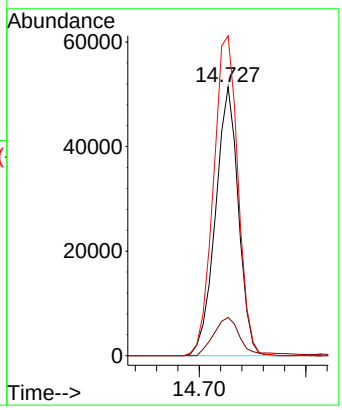


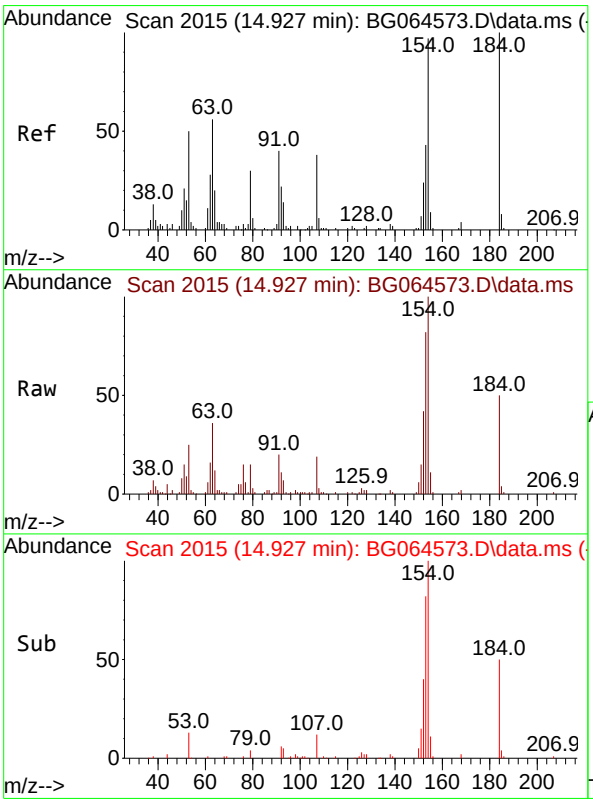
#53
3-Nitroaniline
Concen: 44.762 ng
RT: 14.727 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:138 Resp: 76841

Ion	Ratio	Lower	Upper
138	100		
108	14.2	11.4	17.0
92	119.1	95.3	142.9

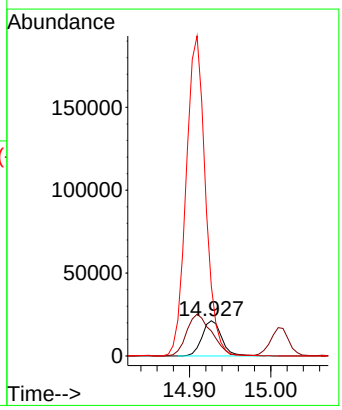


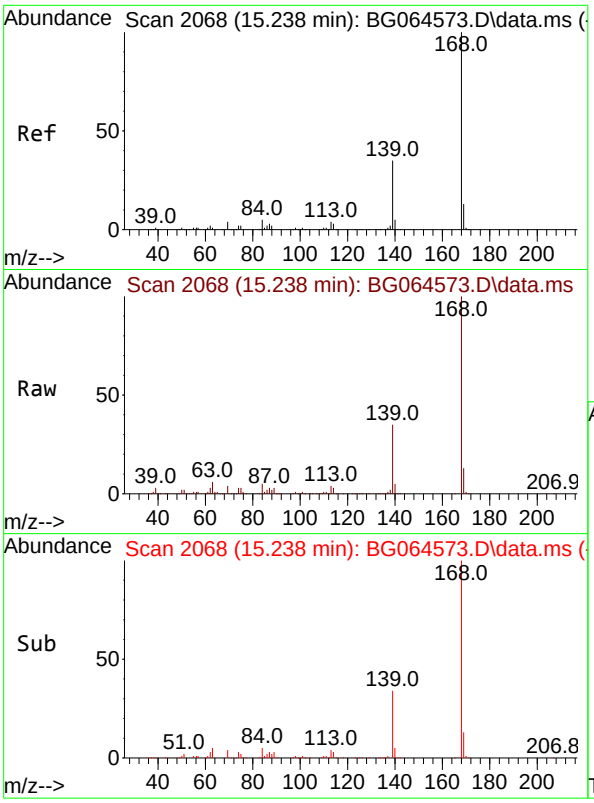


#54
2,4-Dinitrophenol
Concen: 38.390 ng
RT: 14.927 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:184 Resp: 35677

Ion	Ratio	Lower	Upper
184	100		
63	70.8	56.6	85.0
154	198.3	158.6	238.0



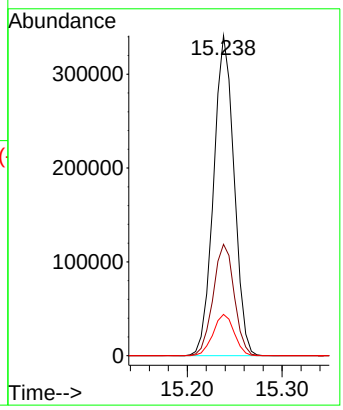


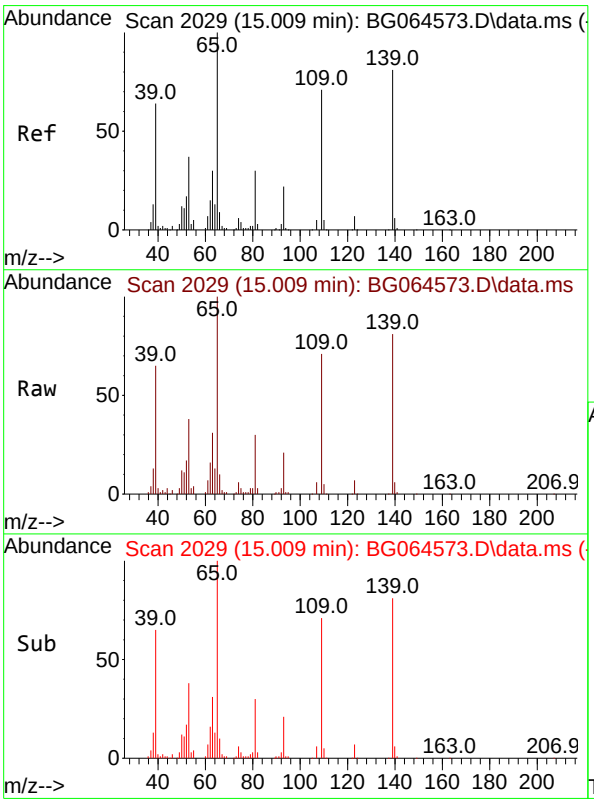
#55
Dibenzofuran
Concen: 41.995 ng
RT: 15.238 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:168 Resp: 512547

Ion	Ratio	Lower	Upper
168	100		
139	34.8	27.8	41.8
169	12.9	10.3	15.5

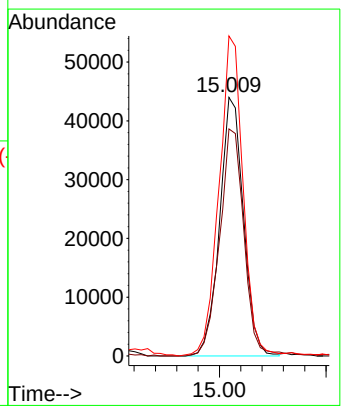


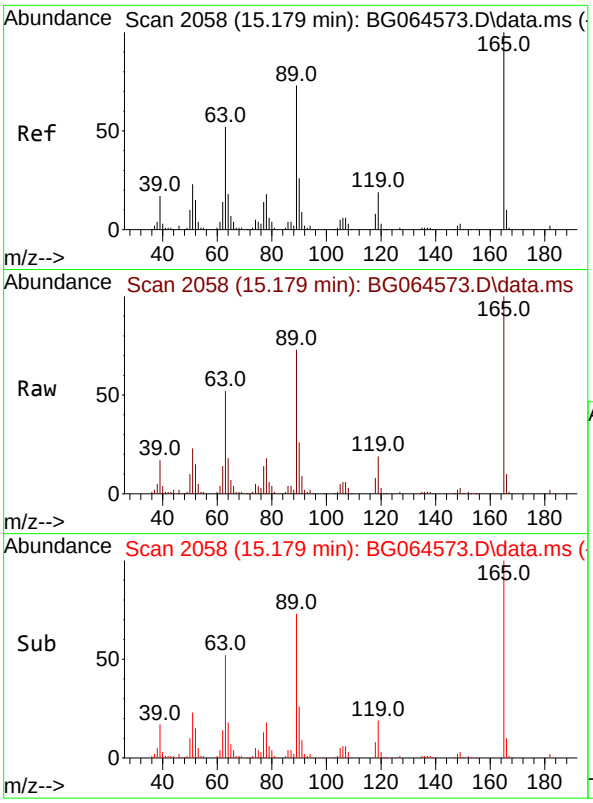


#56
4-Nitrophenol
Concen: 42.765 ng
RT: 15.009 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:139 Resp: 68064

Ion	Ratio	Lower	Upper
139	100		
109	87.8	67.8	107.8
65	123.7	103.7	143.7



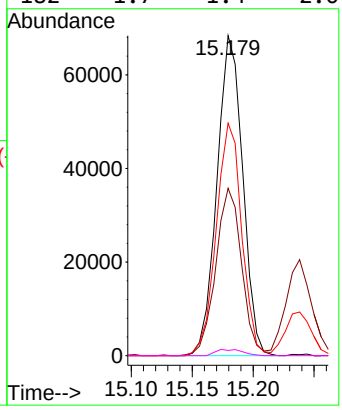


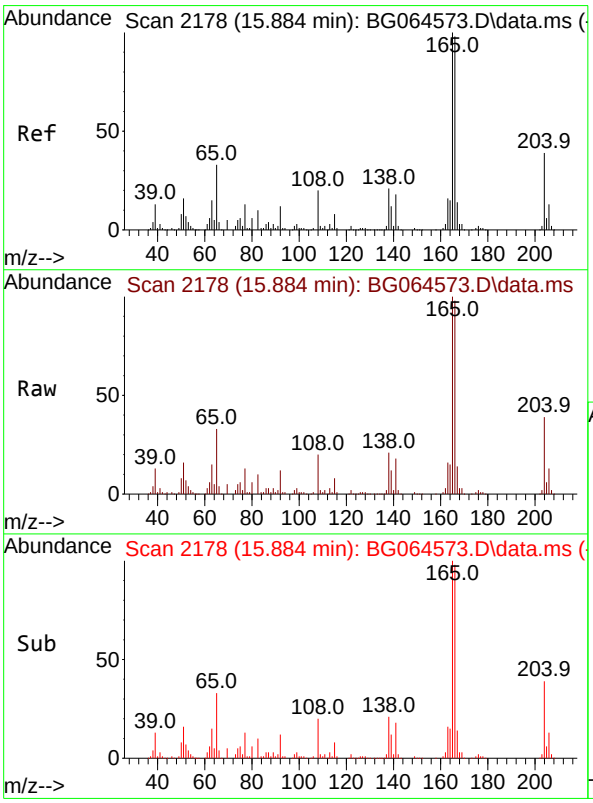
#57
2,4-Dinitrotoluene
Concen: 39.962 ng
RT: 15.179 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 100448

Ion	Ratio	Lower	Upper
165	100		
63	52.3	41.8	62.8
89	72.6	58.1	87.1
182	1.7	1.4	2.0

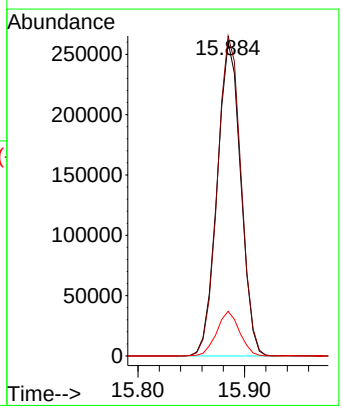


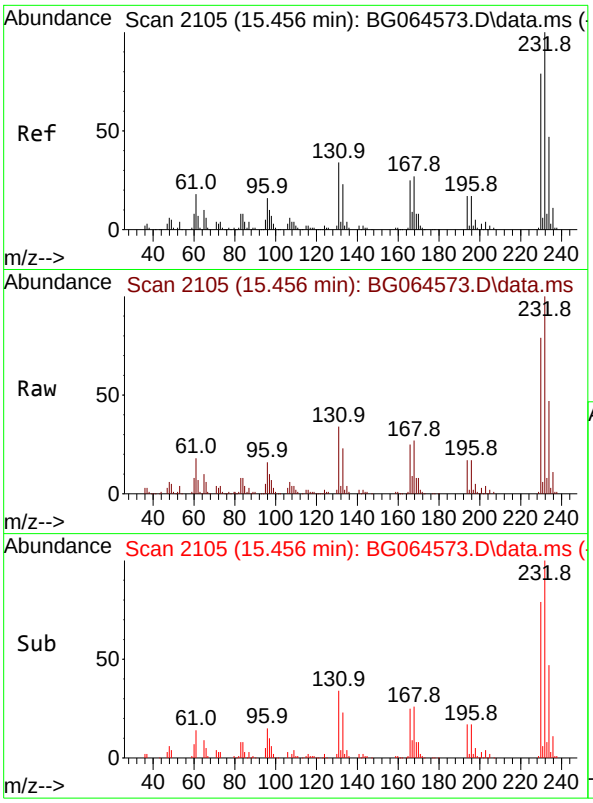


#58
Fluorene
Concen: 41.939 ng
RT: 15.884 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:166 Resp: 399745

Ion	Ratio	Lower	Upper
166	100		
165	101.9	81.5	122.3
167	14.2	11.4	17.0



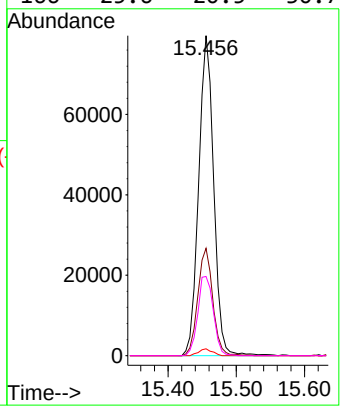


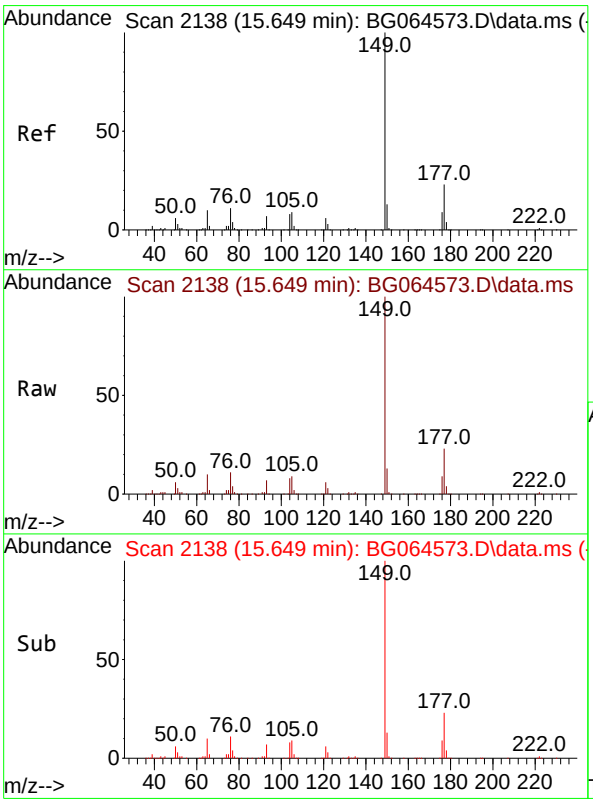
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.030 ng
RT: 15.456 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:232 Resp: 121762

Ion	Ratio	Lower	Upper
232	100		
131	33.4	26.7	40.1
130	2.0	1.6	2.4
166	25.6	20.5	30.7

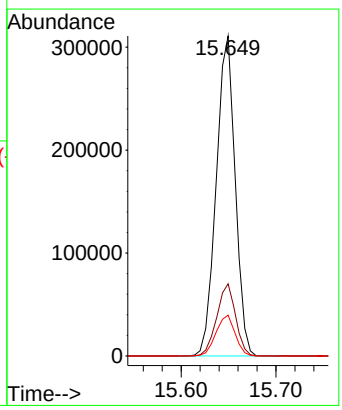


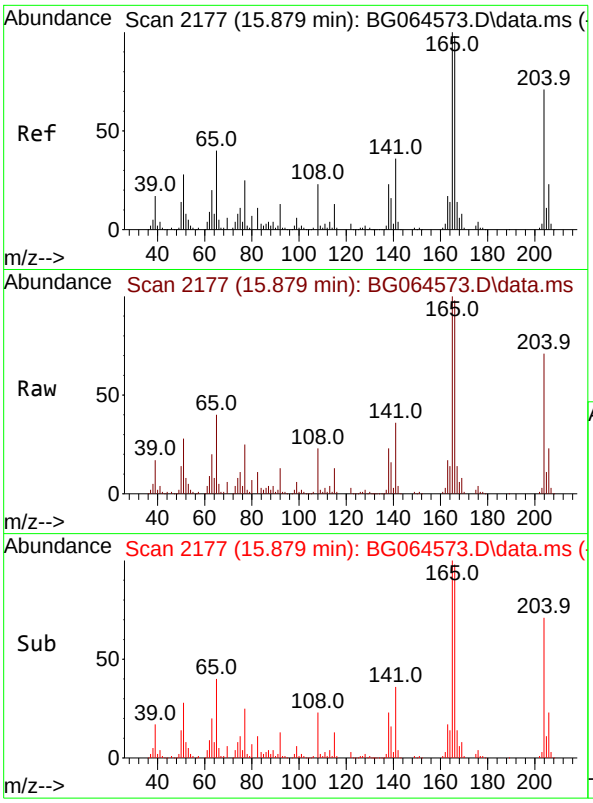


#60
Diethylphthalate
Concen: 42.412 ng
RT: 15.649 min Scan# 2138
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:149 Resp: 432571

Ion	Ratio	Lower	Upper
149	100		
177	22.5	18.0	27.0
150	12.8	10.2	15.4



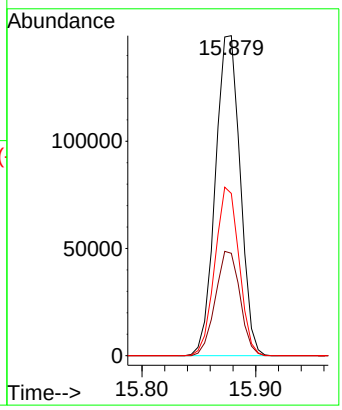


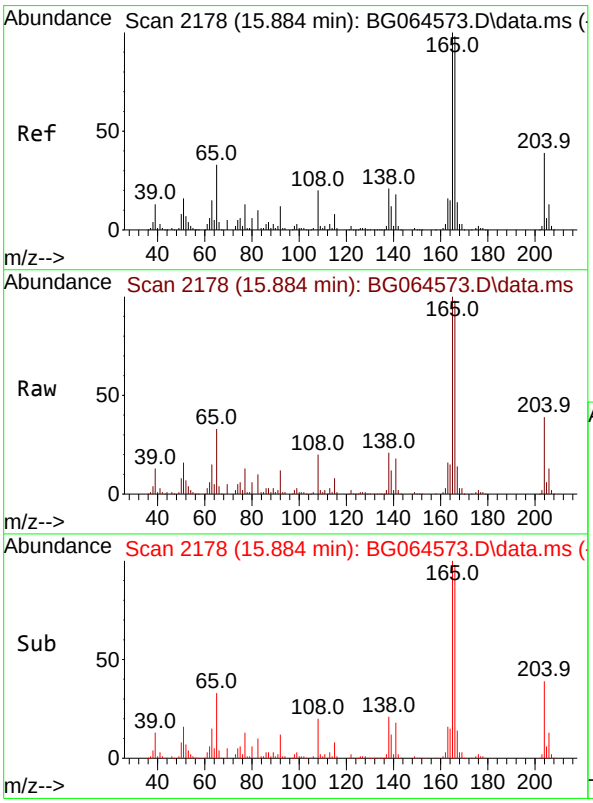
#61
4-Chlorophenyl-phenylether
Concen: 42.270 ng
RT: 15.879 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:204 Resp: 226104

Ion	Ratio	Lower	Upper
204	100		
206	32.0	25.6	38.4
141	50.7	40.6	60.8

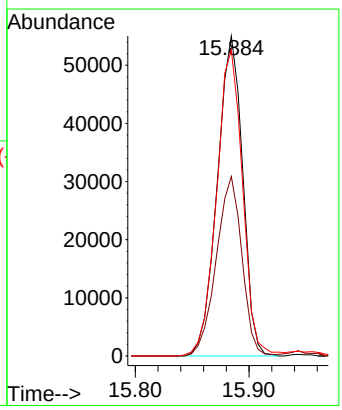


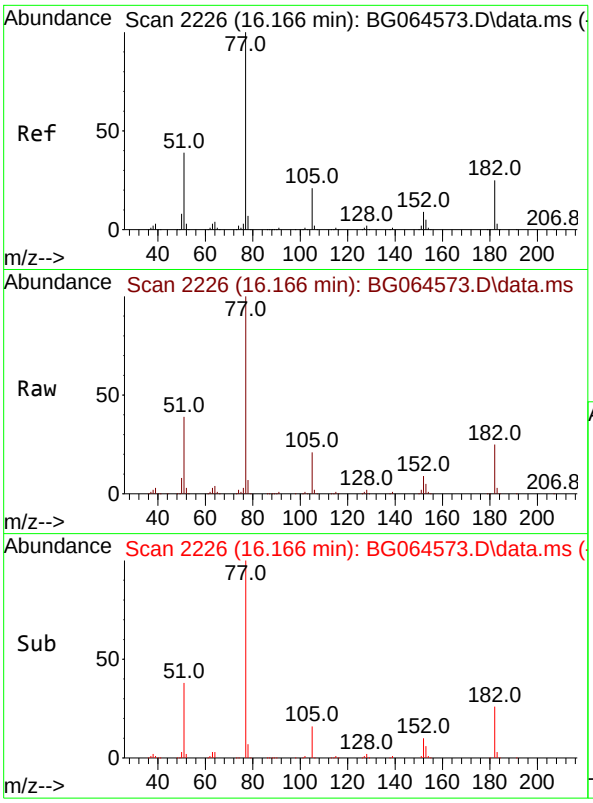


#62
4-Nitroaniline
Concen: 44.662 ng
RT: 15.884 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:138 Resp: 85297

Ion	Ratio	Lower	Upper
138	100		
92	56.1	36.1	76.1
108	95.6	75.6	115.6



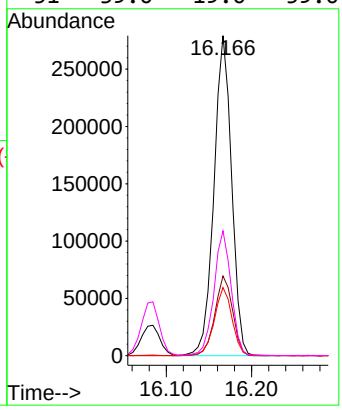


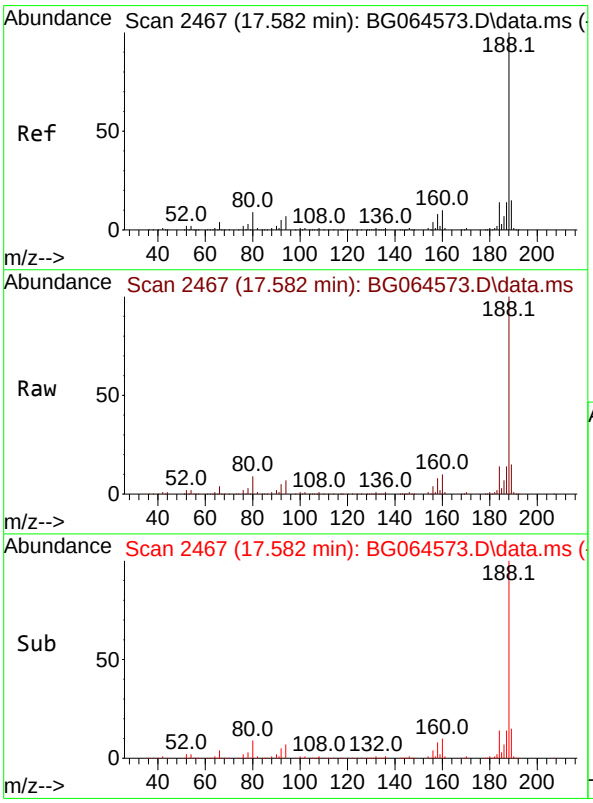
#63
Azobenzene
Concen: 42.922 ng
RT: 16.166 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 401676

Ion	Ratio	Lower	Upper
77	100		
182	24.9	4.9	44.9
105	21.3	1.3	41.3
51	39.0	19.0	59.0

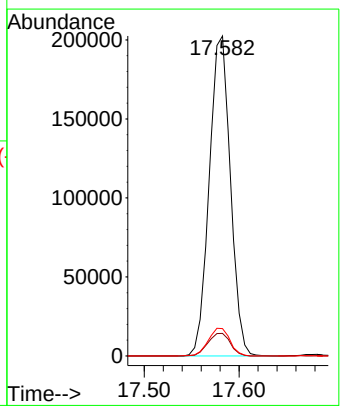


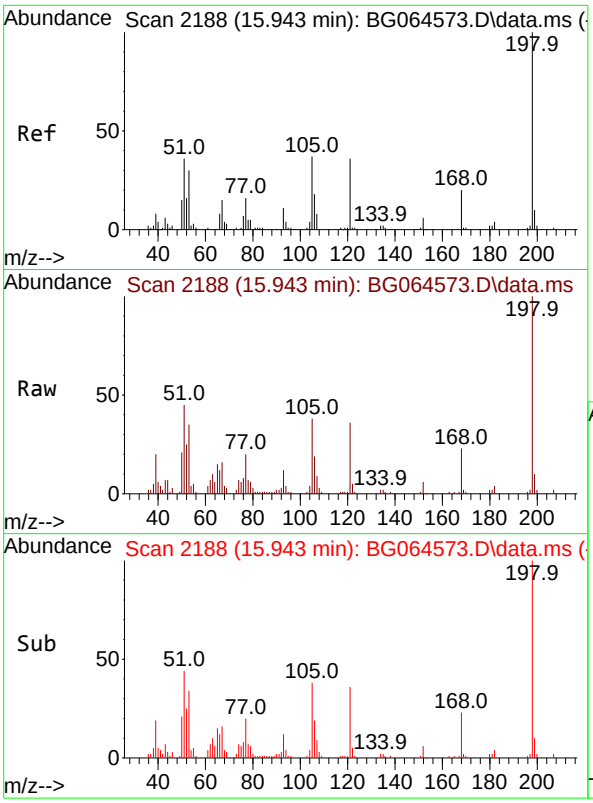


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.582 min Scan# 2467
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:188 Resp: 313311

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.7	8.5
80	8.5	6.8	10.2



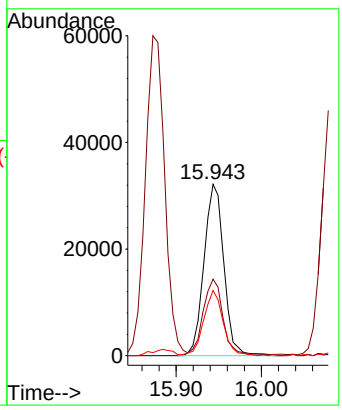


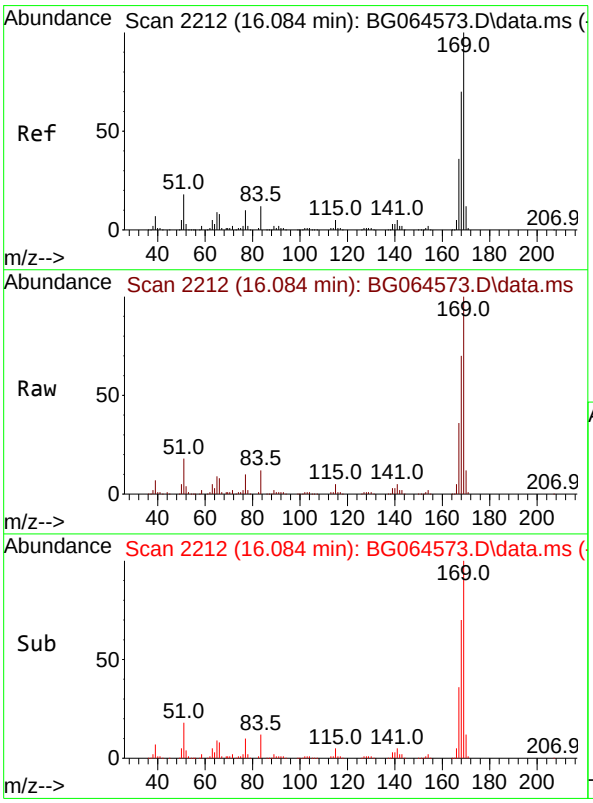
#65
4,6-Dinitro-2-methylphenol
Concen: 38.770 ng
RT: 15.943 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 51829

Ion	Ratio	Lower	Upper
198	100		
51	44.7	24.7	64.7
105	38.0	18.0	58.0

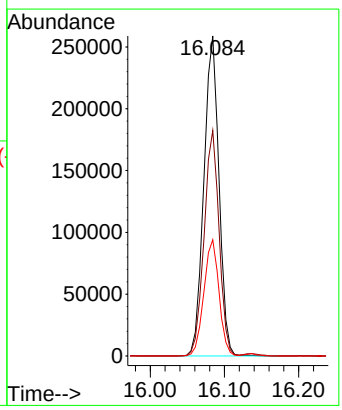


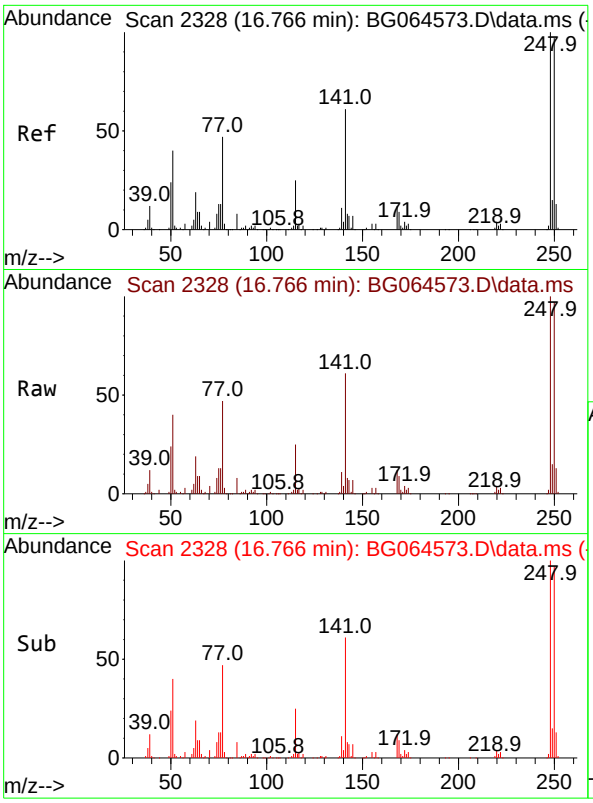


#66
n-Nitrosodiphenylamine
Concen: 43.201 ng
RT: 16.084 min Scan# 2212
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:169 Resp: 365624

Ion	Ratio	Lower	Upper
169	100		
168	70.4	56.3	84.5
167	36.3	29.0	43.6



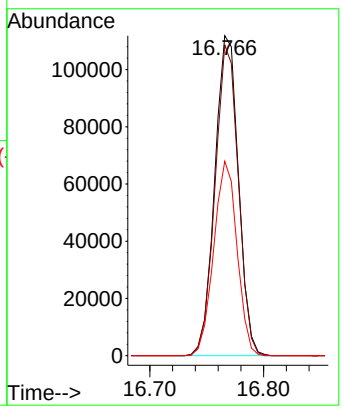


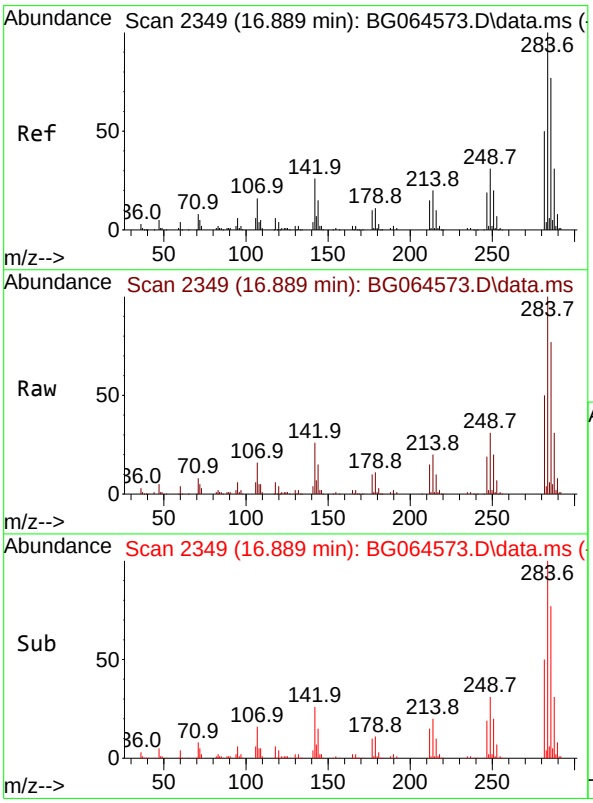
#67
4-Bromophenyl-phenylether
Concen: 43.563 ng
RT: 16.766 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:248 Resp: 161744

Ion	Ratio	Lower	Upper
248	100		
250	97.1	77.7	116.5
141	60.7	48.6	72.8

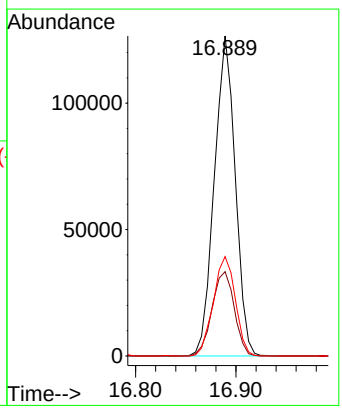


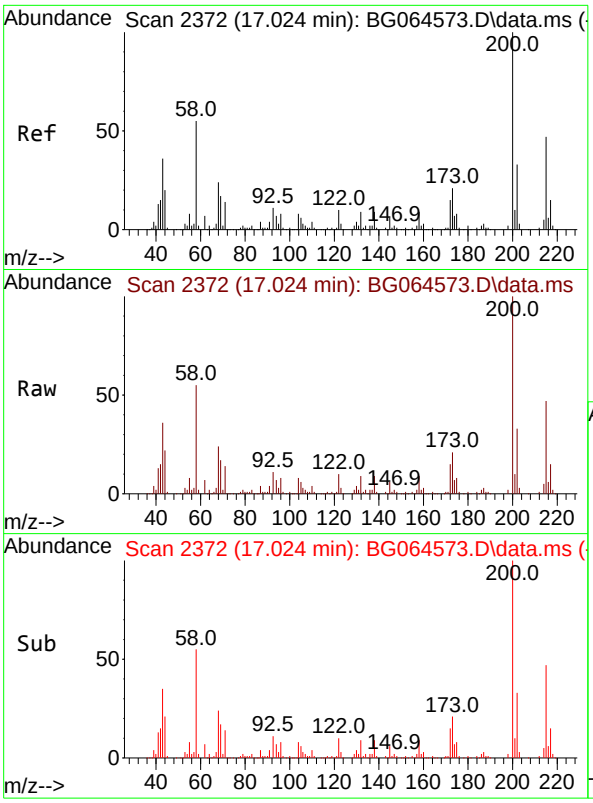


#68
Hexachlorobenzene
Concen: 43.265 ng
RT: 16.889 min Scan# 2349
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:284 Resp: 183262

Ion	Ratio	Lower	Upper
284	100		
142	26.3	21.0	31.6
249	31.1	24.9	37.3



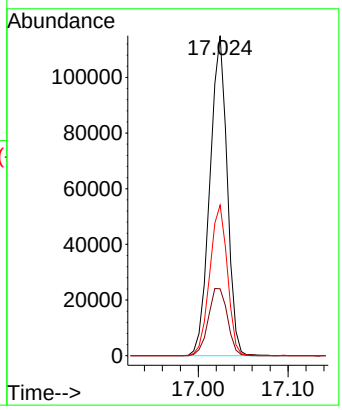


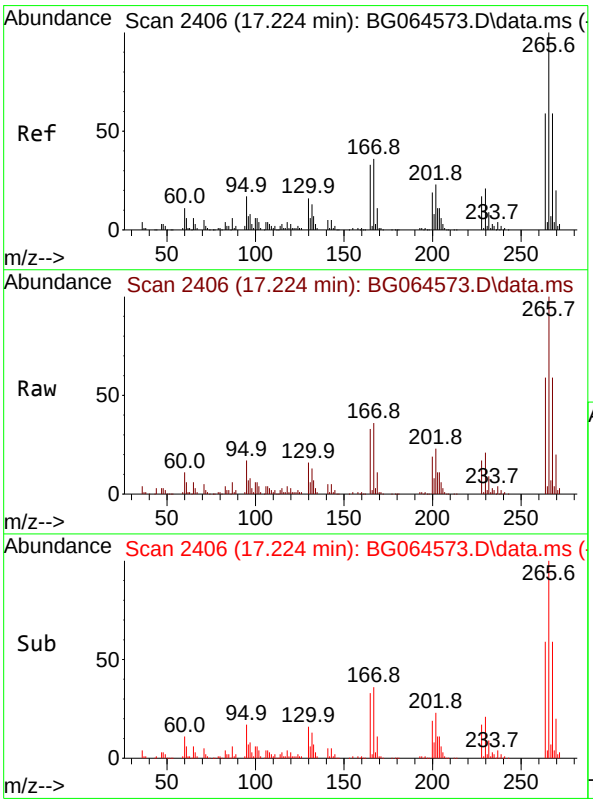
#69
Atrazine
Concen: 42.203 ng
RT: 17.024 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:200 Resp: 153706

Ion	Ratio	Lower	Upper
200	100		
173	20.9	0.9	40.9
215	47.0	27.0	67.0

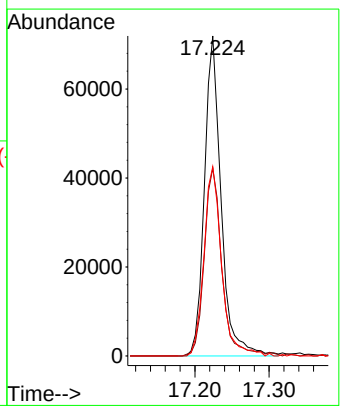


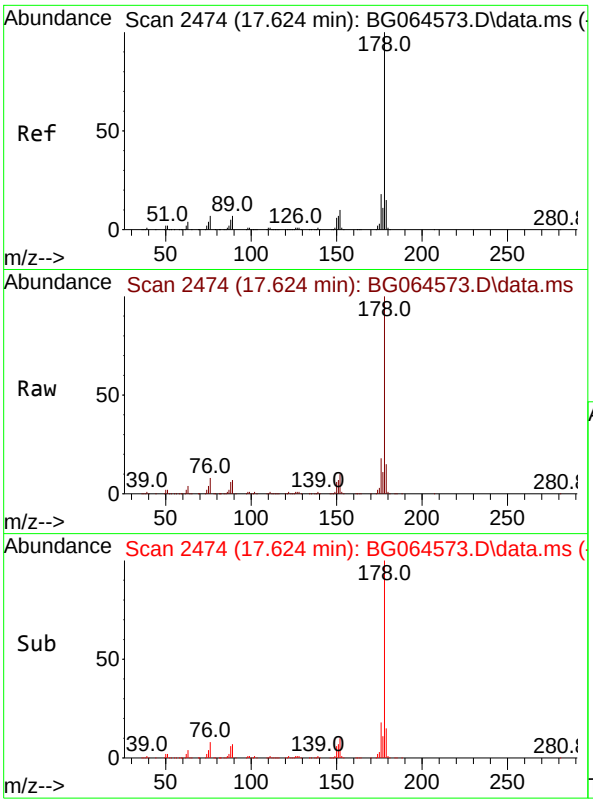


#70
Pentachlorophenol
Concen: 42.694 ng
RT: 17.224 min Scan# 2406
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:266 Resp: 112769

Ion	Ratio	Lower	Upper
266	100		
268	62.9	50.3	75.5
264	59.1	47.3	70.9



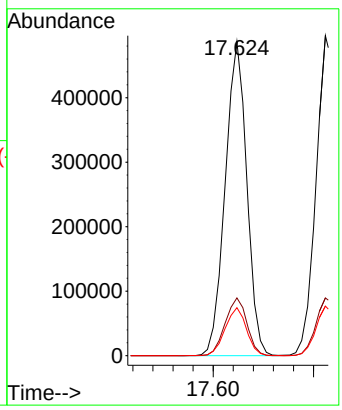


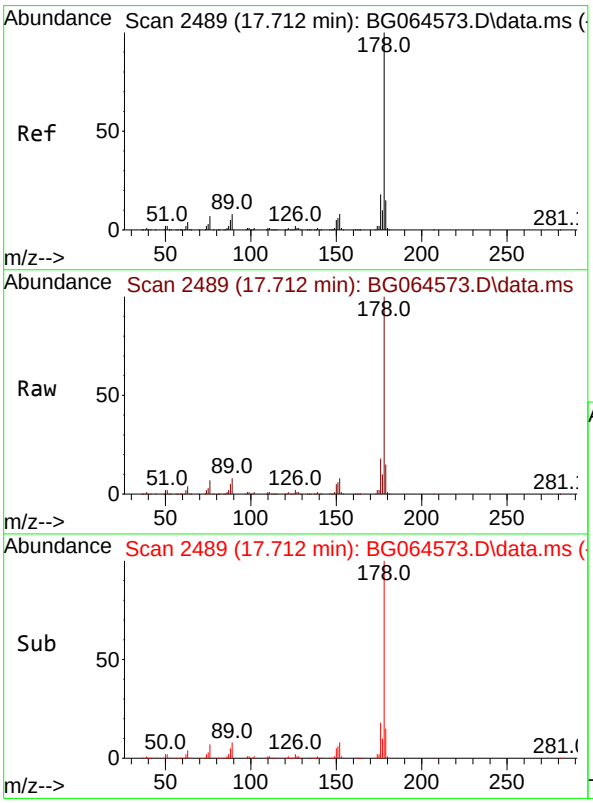
#71
Phenanthrene
Concen: 42.500 ng
RT: 17.624 min Scan# 24
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:178 Resp: 728184

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.7	22.1
179	15.3	12.2	18.4

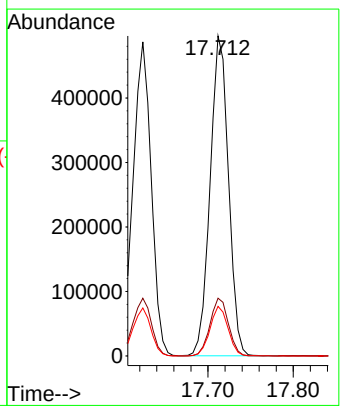


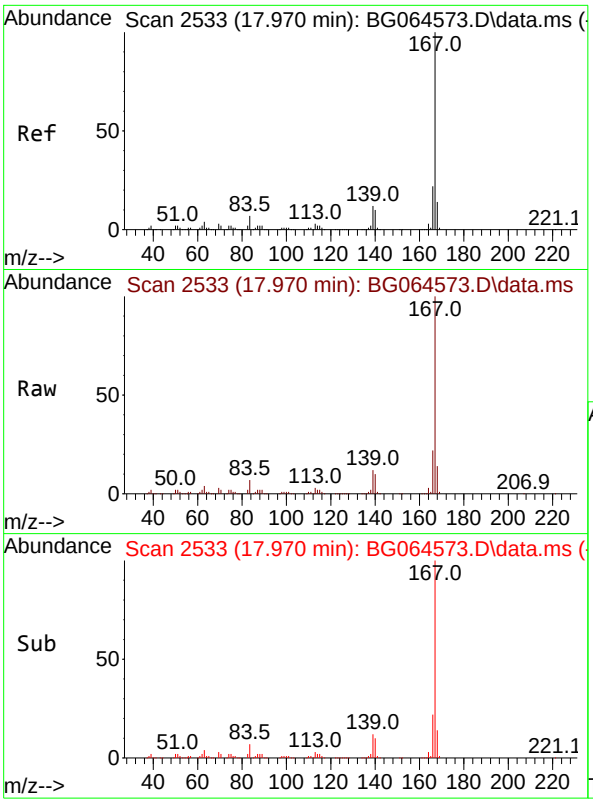


#72
Anthracene
Concen: 42.663 ng
RT: 17.712 min Scan# 2489
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:178 Resp: 743567

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.4	21.6
179	15.5	12.4	18.6



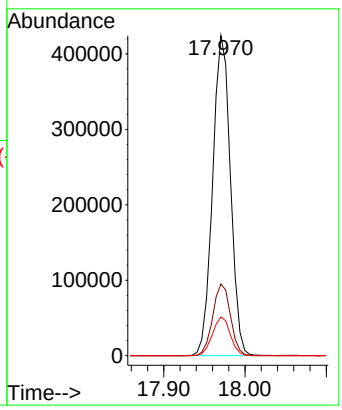


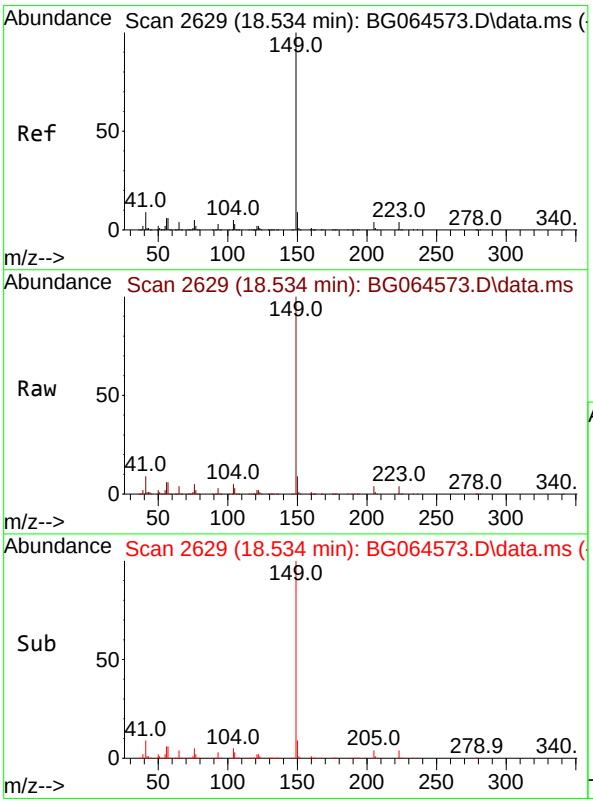
#73
Carbazole
Concen: 42.053 ng
RT: 17.970 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:167 Resp: 646319

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.9	26.9
139	12.1	9.7	14.5

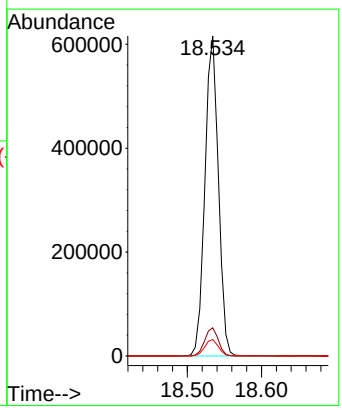


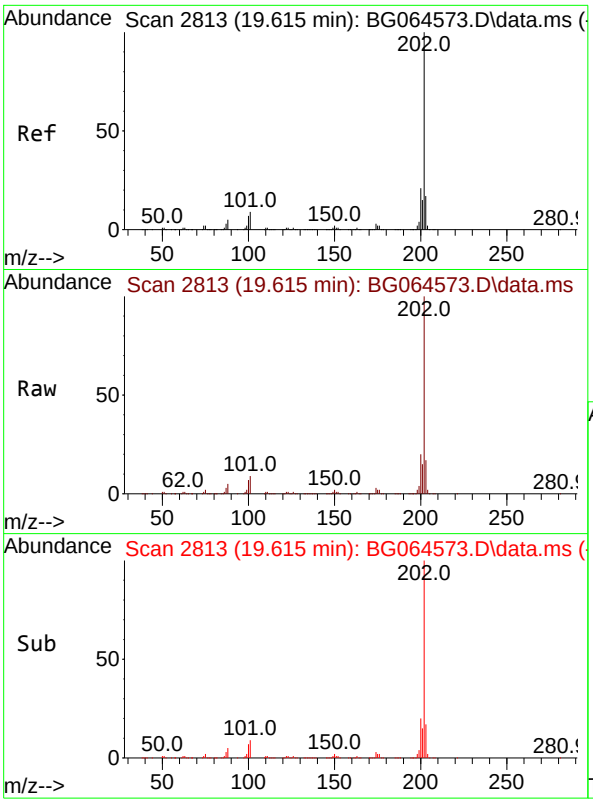


#74
Di-n-butylphthalate
Concen: 43.711 ng
RT: 18.534 min Scan# 2629
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:149 Resp: 776847

Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.0	10.6
104	5.1	4.1	6.1



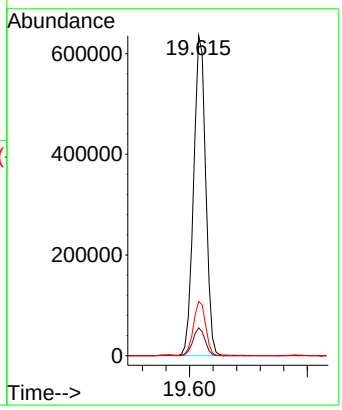


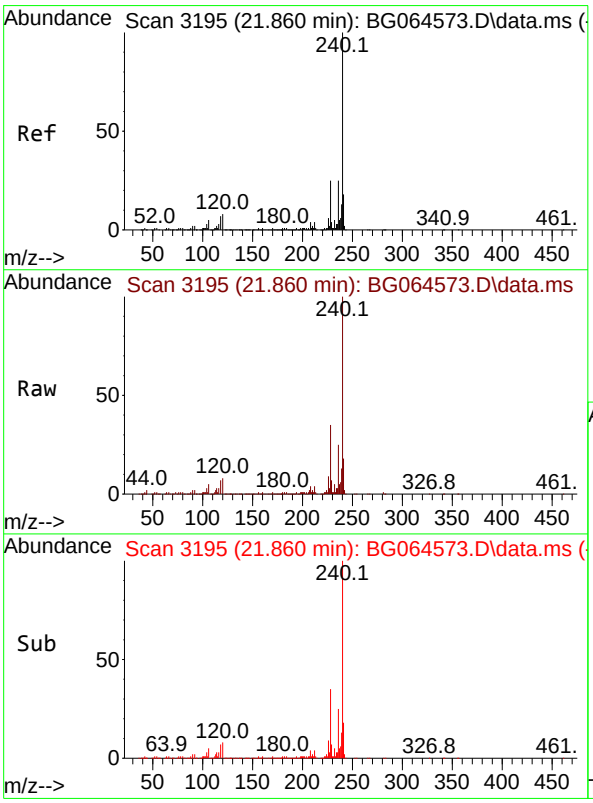
#75
Fluoranthene
Concen: 42.050 ng
RT: 19.615 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:202 Resp: 902557

Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	28.7
203	17.0	0.0	37.0

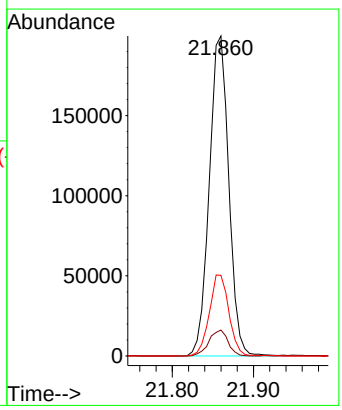


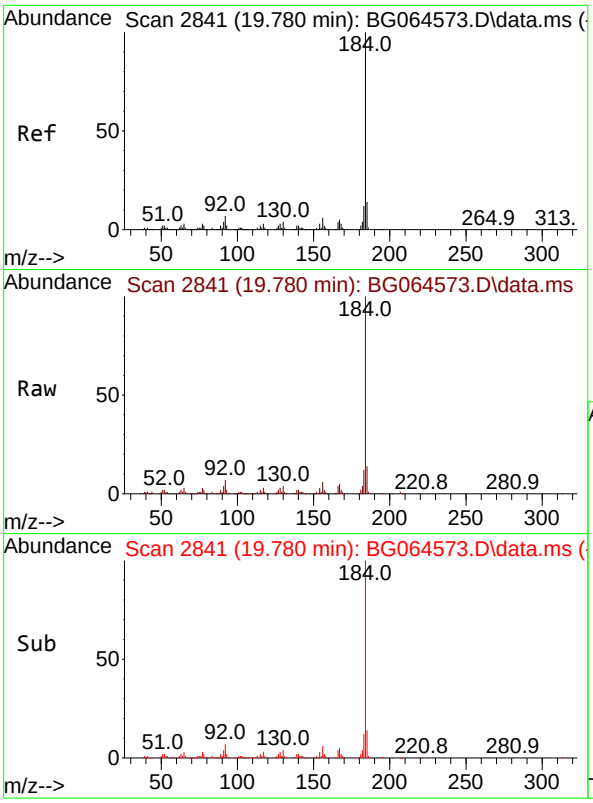


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.860 min Scan# 3195
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:240 Resp: 332834

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.5	9.7
236	25.2	20.2	30.2



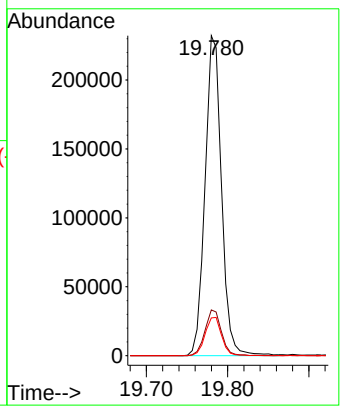


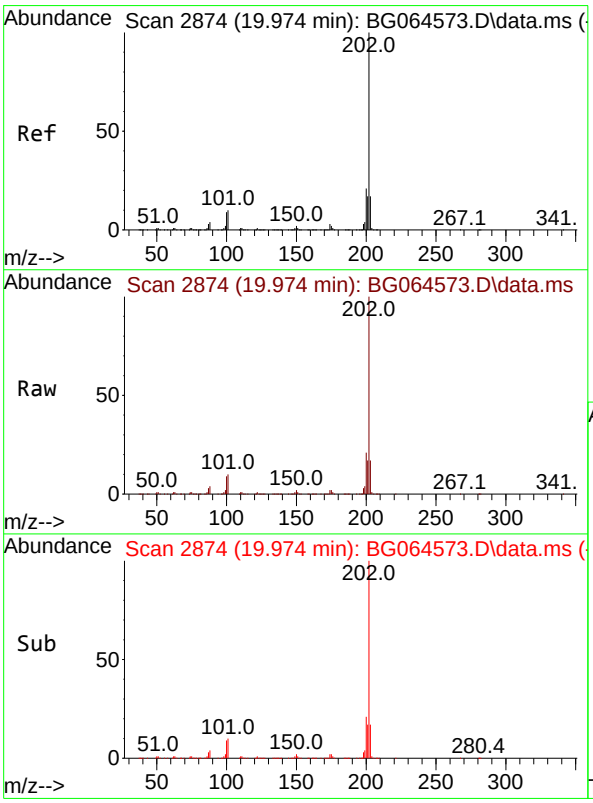
#77
Benzidine
Concen: 43.697 ng
RT: 19.780 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:184 Resp: 325845

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.4	17.2
183	11.8	9.4	14.2

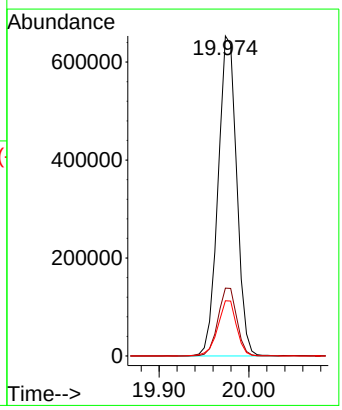


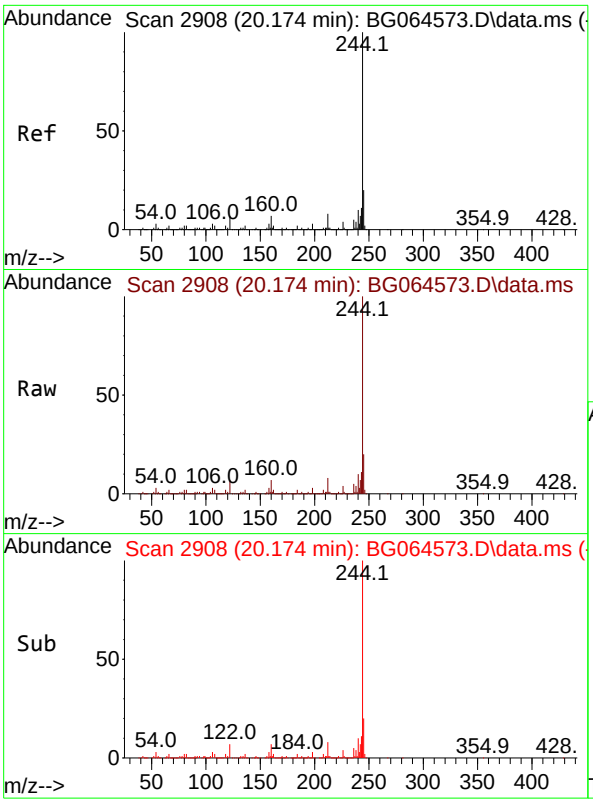


#78
Pyrene
Concen: 43.186 ng
RT: 19.974 min Scan# 2874
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:202 Resp: 939110

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	17.2	13.8	20.6



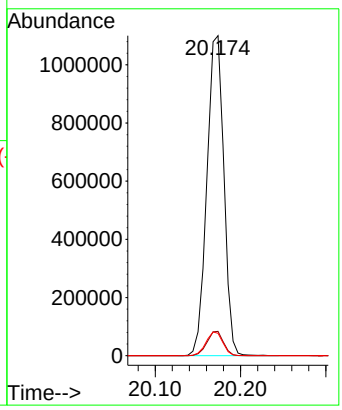


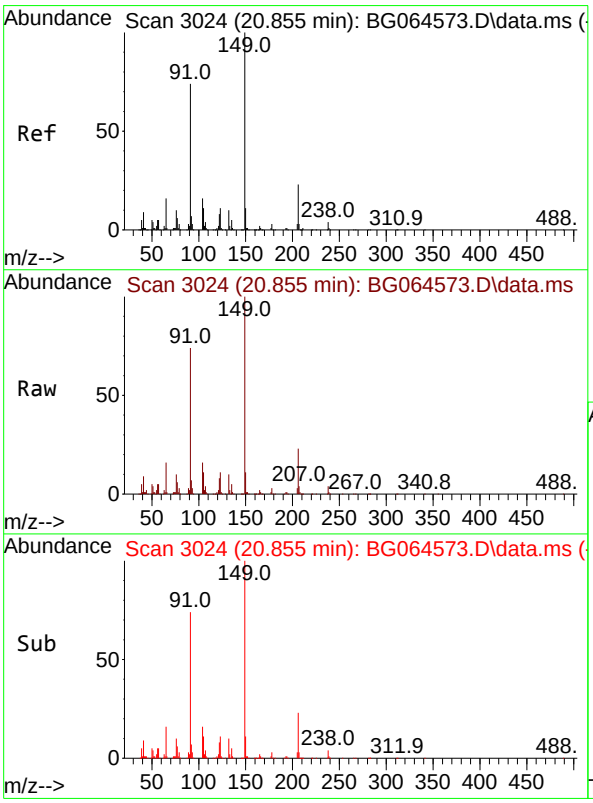
#79
Terphenyl-d14
Concen: 86.242 ng
RT: 20.174 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:244 Resp: 1521028

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	7.0	5.6	8.4

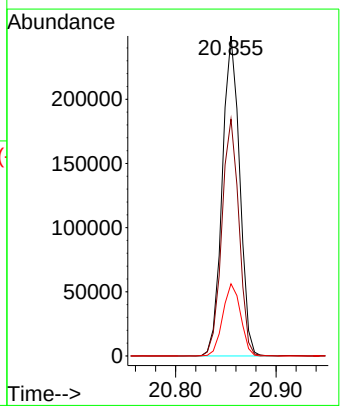


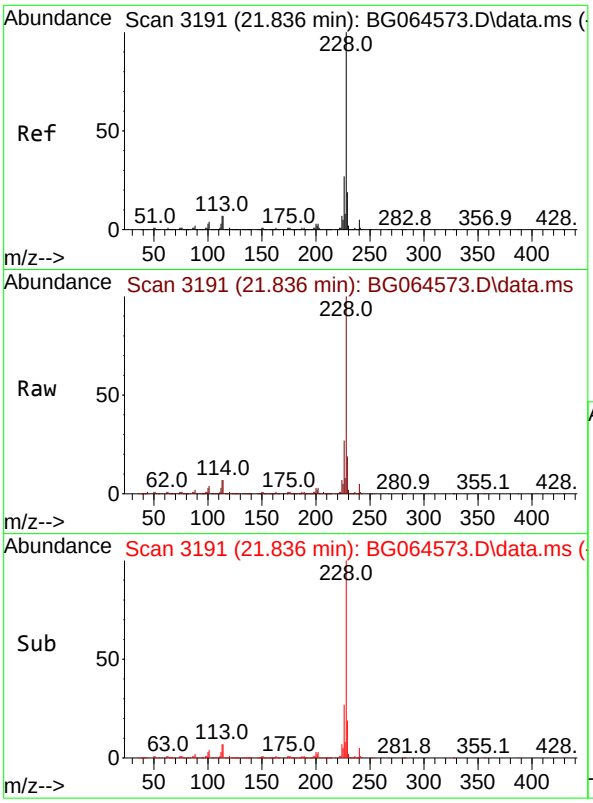


#80
Butylbenzylphthalate
Concen: 45.601 ng
RT: 20.855 min Scan# 3024
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:149 Resp: 299706

Ion	Ratio	Lower	Upper
149	100		
91	74.0	59.2	88.8
206	22.6	18.1	27.1



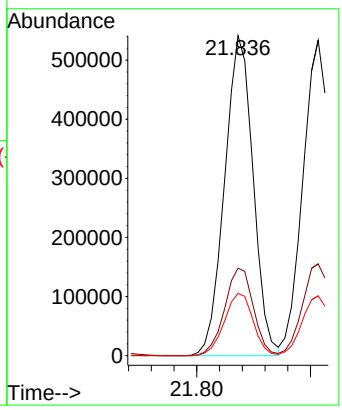


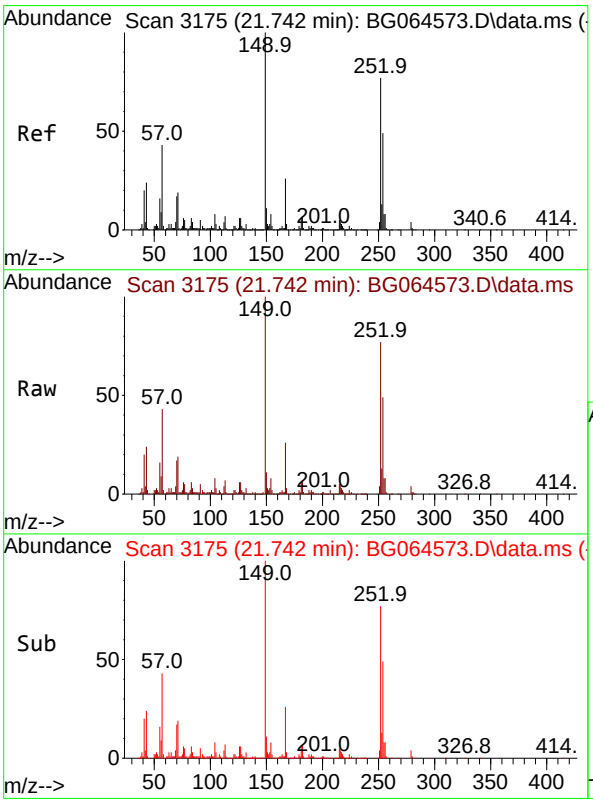
#81
Benzo(a)anthracene
Concen: 42.723 ng
RT: 21.836 min Scan# 3
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 942839

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.9	32.9
229	19.5	15.6	23.4

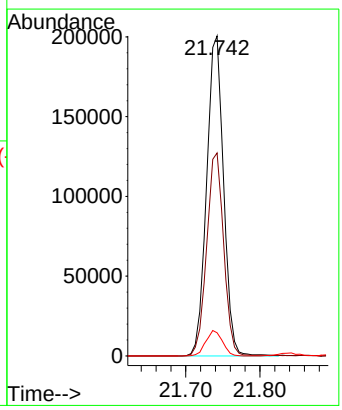


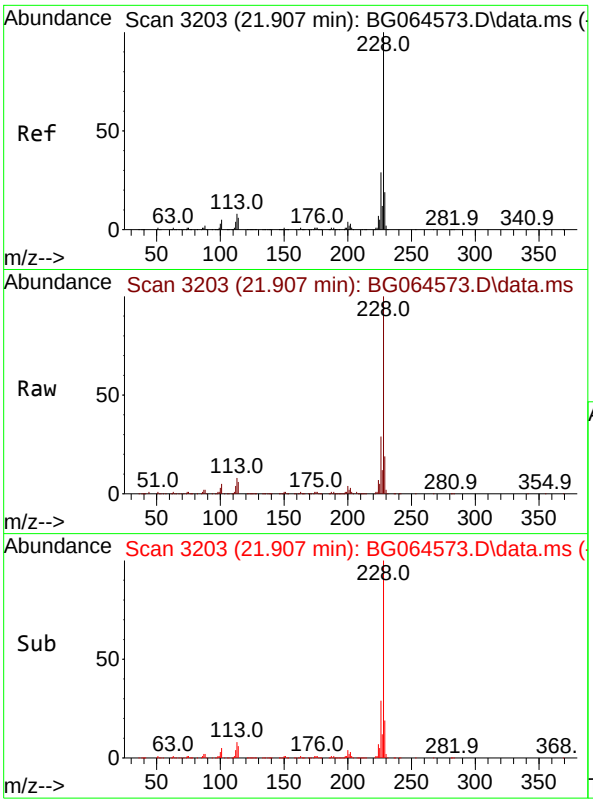


#82
3,3'-Dichlorobenzidine
Concen: 43.131 ng
RT: 21.742 min Scan# 3175
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:252 Resp: 317851

Ion	Ratio	Lower	Upper
252	100		
254	63.5	50.8	76.2
126	7.2	5.8	8.6



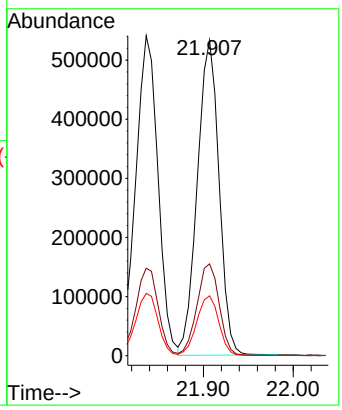


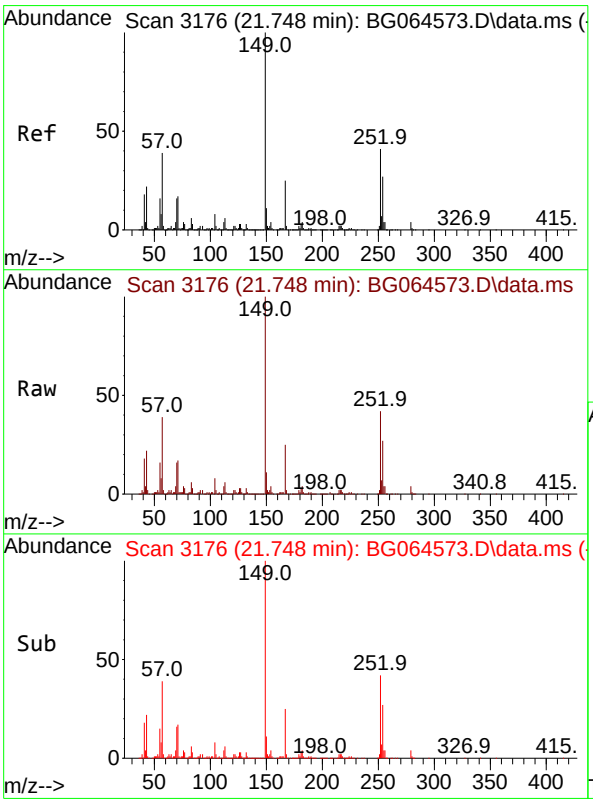
#83
Chrysene
Concen: 42.613 ng
RT: 21.907 min Scan# 3
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 894813

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.3	34.9
229	19.0	15.2	22.8

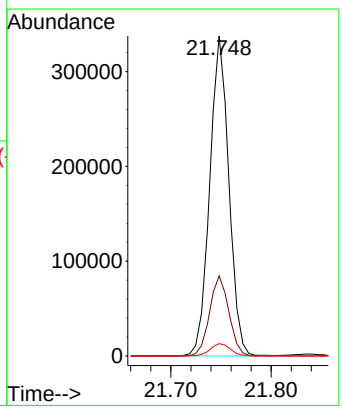


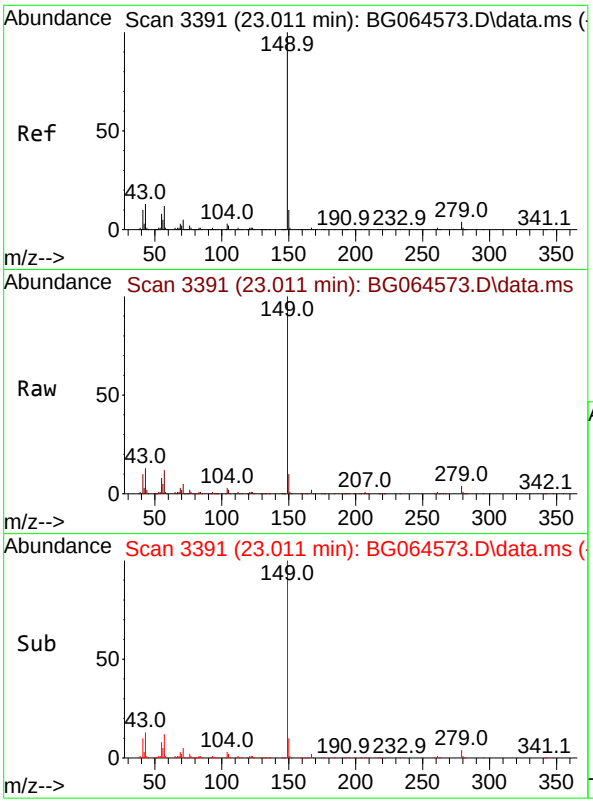


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.494 ng
RT: 21.748 min Scan# 3176
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:149 Resp: 446785

Ion	Ratio	Lower	Upper
149	100		
167	25.0	20.0	30.0
279	3.9	3.1	4.7



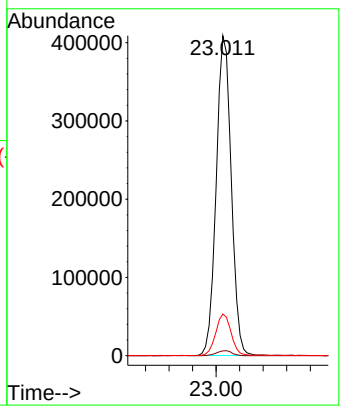


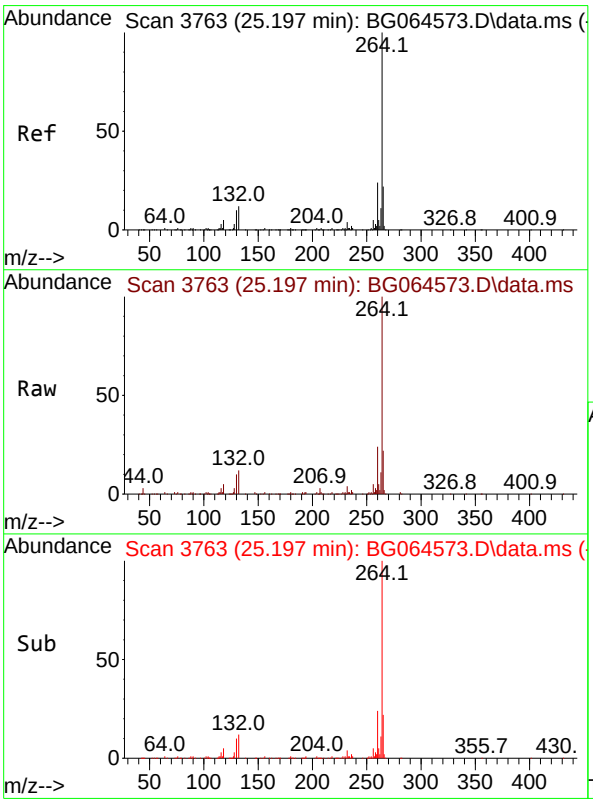
#85
Di-n-octyl phthalate
Concen: 43.688 ng
RT: 23.011 min Scan# 3
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:149 Resp: 723360

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	13.5	10.8	16.2

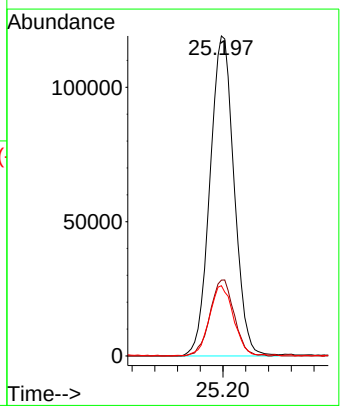


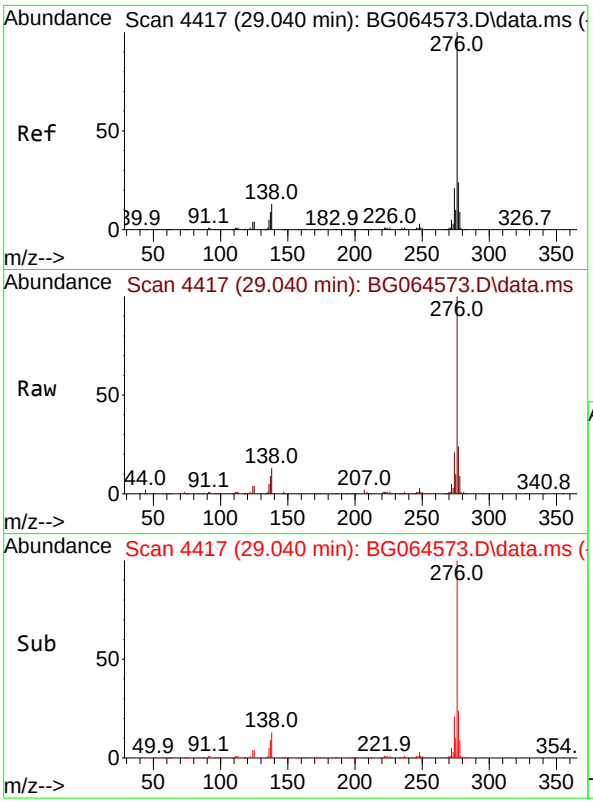


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.197 min Scan# 3763
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:264 Resp: 350897

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.4
265	22.0	17.6	26.4



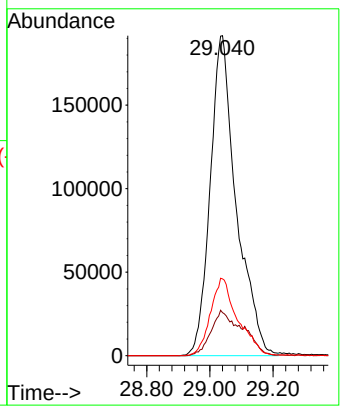


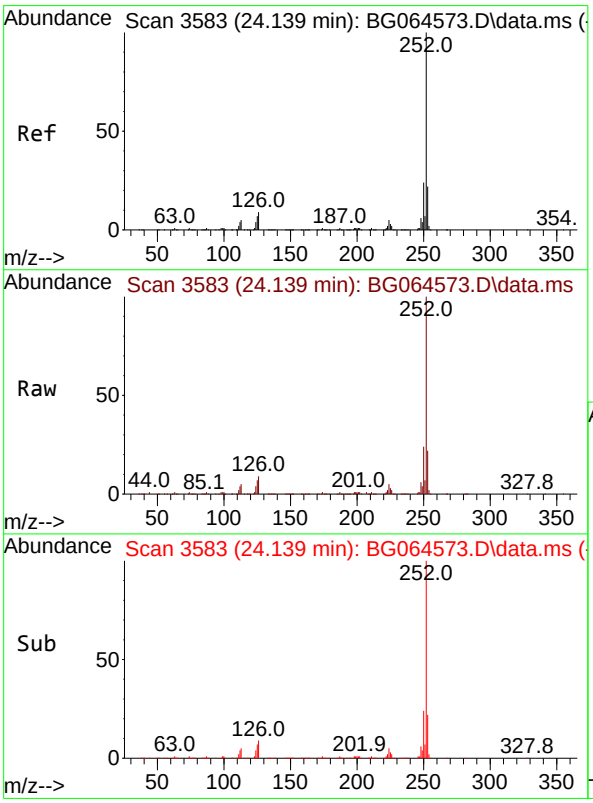
#87
Indeno(1,2,3-cd)pyrene
Concen: 42.624 ng
RT: 29.040 min Scan# 4
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:276 Resp: 1100259

Ion	Ratio	Lower	Upper
276	100		
138	13.5	10.8	16.2
277	25.1	20.1	30.1

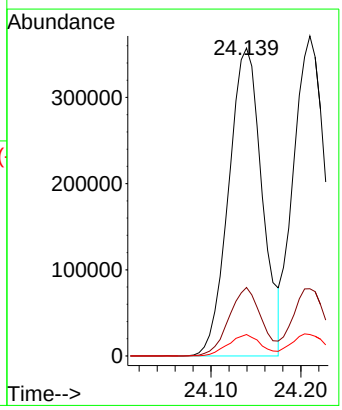


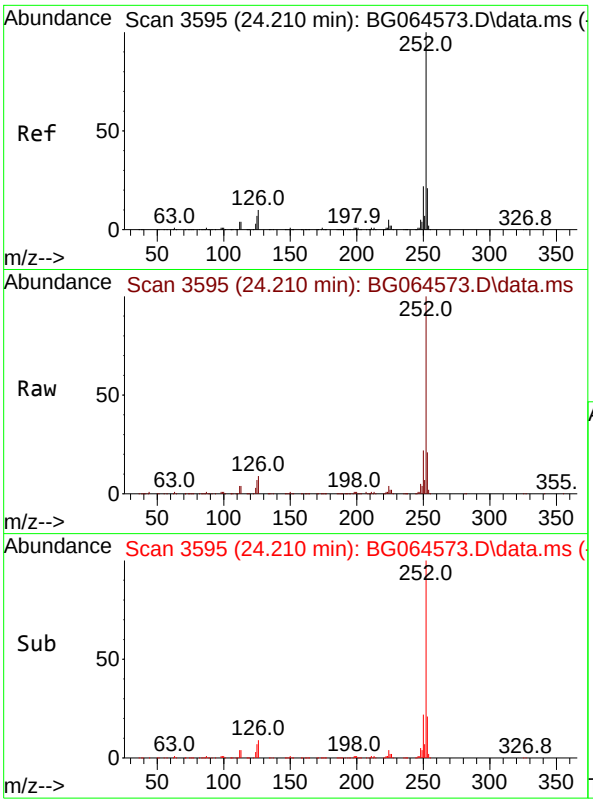


#88
Benzo(b)fluoranthene
Concen: 43.108 ng
RT: 24.139 min Scan# 3583
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:252 Resp: 927550

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	7.0	5.6	8.4



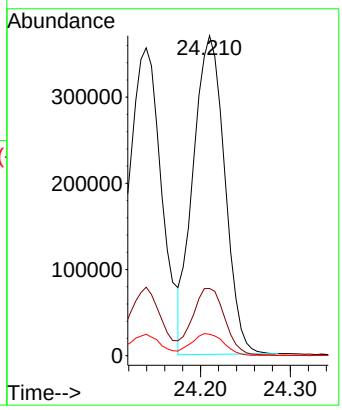


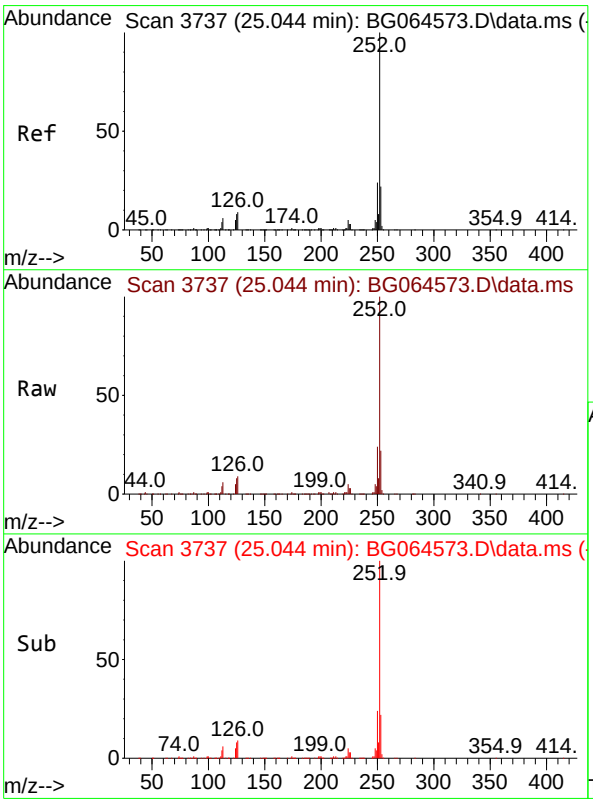
#89
Benzo(k)fluoranthene
Concen: 41.878 ng
RT: 24.210 min Scan# 3
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:252 Resp: 901706

Ion	Ratio	Lower	Upper
252	100		
253	21.0	16.8	25.2
125	6.7	5.4	8.0

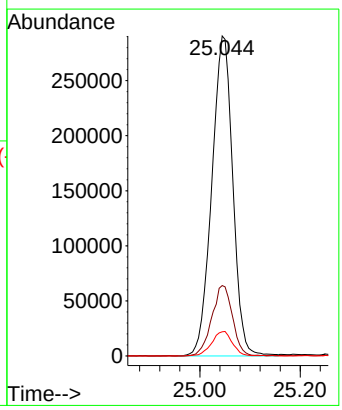


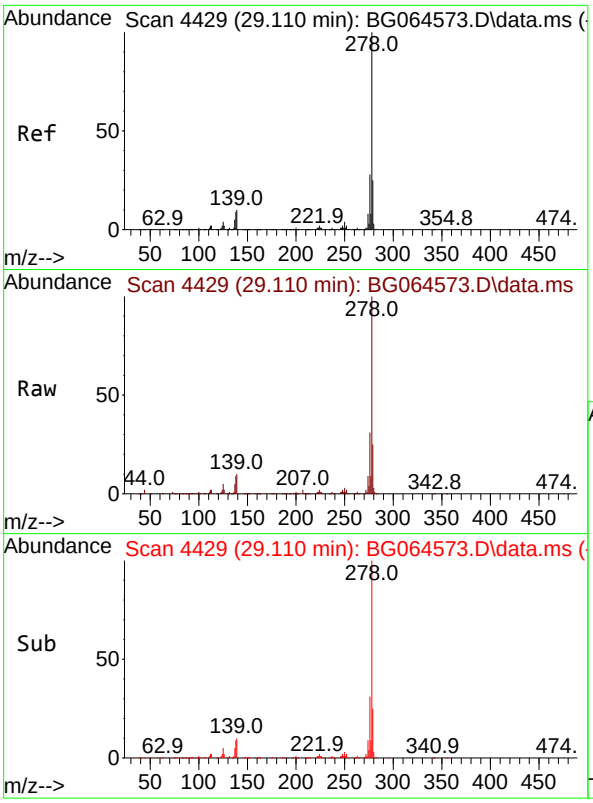


#90
Benzo(a)pyrene
Concen: 42.635 ng
RT: 25.044 min Scan# 3737
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:252 Resp: 843258

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	7.6	6.1	9.1



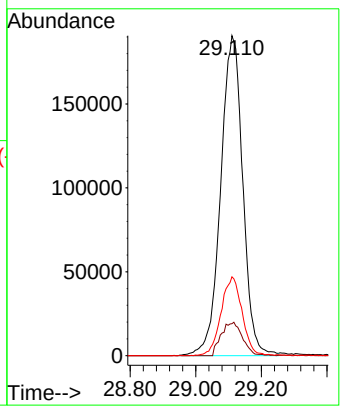


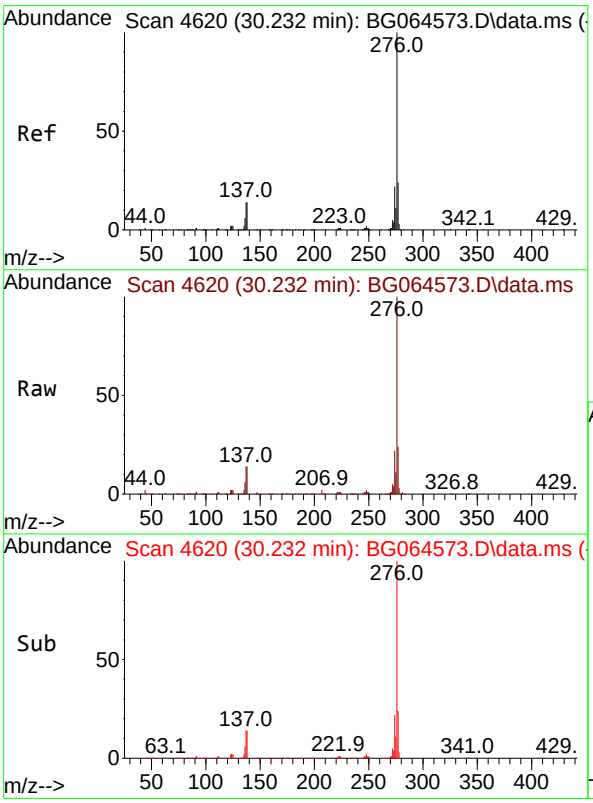
#91
Dibenzo(a,h)anthracene
Concen: 42.430 ng
RT: 29.110 min Scan# 4
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:278 Resp: 889808

Ion	Ratio	Lower	Upper
278	100		
139	10.0	8.0	12.0
279	24.7	19.8	29.6

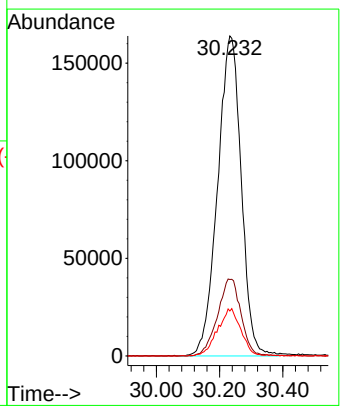




#92
Benzo(g,h,i)perylene
Concen: 42.492 ng
RT: 30.232 min Scan# 4620
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:276 Resp: 851248

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	14.1	11.3	16.9



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064574.D
Acq On : 24 Oct 2025 13:44
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Quant Time: Nov 03 18:01:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 17:56:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.219	152	40271	20.000	ng		0.00
21) Naphthalene-d8	11.045	136	168005	20.000	ng		0.00
39) Acenaphthene-d10	14.841	164	134994	20.000	ng		0.00
64) Phenanthrene-d10	17.579	188	324385	20.000	ng		0.00
76) Chrysene-d12	21.856	240	340896	20.000	ng		0.00
86) Perylene-d12	25.205	264	350916	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.746	112	318446	132.728	ng		0.00
7) Phenol-d6	7.355	99	450449	136.821	ng		0.00
23) Nitrobenzene-d5	9.388	82	406268	145.243	ng		0.00
42) 2,4,6-Tribromophenol	16.321	330	280190	143.807	ng		0.00
45) 2-Fluorobiphenyl	13.478	172	1120989	125.867	ng		0.00
79) Terphenyl-d14	20.176	244	2253704	124.763	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.589	88	67487	63.535	ng		98
3) Pyridine	4.001	79	209372	65.637	ng		98
4) n-Nitrosodimethylamine	3.907	42	111310	65.071	ng		94
6) Aniline	7.532	93	294791	65.803	ng		98
8) 2-Chlorophenol	7.779	128	176533	70.297	ng		98
9) Benzaldehyde	7.344	77	118559	65.963	ng		98
10) Phenol	7.379	94	244914	67.267	ng		98
11) bis(2-Chloroethyl)ether	7.626	93	174337	65.126	ng		100
12) 1,3-Dichlorobenzene	8.113	146	186290	64.452	ng		99
13) 1,4-Dichlorobenzene	8.254	146	188553	64.156	ng		95
14) 1,2-Dichlorobenzene	8.583	146	183593	64.766	ng		98
15) Benzyl Alcohol	8.448	79	185157	68.201	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.742	45	459295	65.410	ng		100
17) 2-Methylphenol	8.648	107	162536	67.237	ng		98
18) Hexachloroethane	9.324	117	67237	65.193	ng		99
19) n-Nitroso-di-n-propyla...	9.030	70	155683	68.424	ng		99
20) 3+4-Methylphenols	8.983	107	228995	67.359	ng		98
22) Acetophenone	9.048	105	297413	64.759	ng	#	96
24) Nitrobenzene	9.430	77	220774	72.567	ng		98
25) Isophorone	9.958	82	449298	66.940	ng		99
26) 2-Nitrophenol	10.146	139	76368	63.945	ng		98
27) 2,4-Dimethylphenol	10.193	122	173061	69.317	ng		97
28) bis(2-Chloroethoxy)met...	10.440	93	248699	65.078	ng		99
29) 2,4-Dichlorophenol	10.681	162	188233	70.056	ng		96
30) 1,2,4-Trichlorobenzene	10.904	180	200988	65.837	ng		95
31) Naphthalene	11.098	128	605239	64.976	ng		99
32) Benzoic acid	10.340	122	102744	53.046	ng		94
33) 4-Chloroaniline	11.192	127	245101	67.699	ng		98
34) Hexachlorobutadiene	11.392	225	154303	64.630	ng		97
35) Caprolactam	11.968	113	71319	69.206	ng		96
36) 4-Chloro-3-methylphenol	12.297	107	228833	70.853	ng		100
37) 2-Methylnaphthalene	12.690	142	447497	65.435	ng		98
38) 1-Methylnaphthalene	12.908	142	442677	65.402	ng		99
40) 1,2,4,5-Tetrachloroben...	13.055	216	290173	64.049	ng		100
41) Hexachlorocyclopentadiene	13.037	237	137727	67.540	ng		99
43) 2,4,6-Trichlorophenol	13.278	196	184771	71.299	ng		99

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064574.D
Acq On : 24 Oct 2025 13:44
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Quant Time: Nov 03 18:01:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 17:56:56 2025
Response via : Initial Calibration

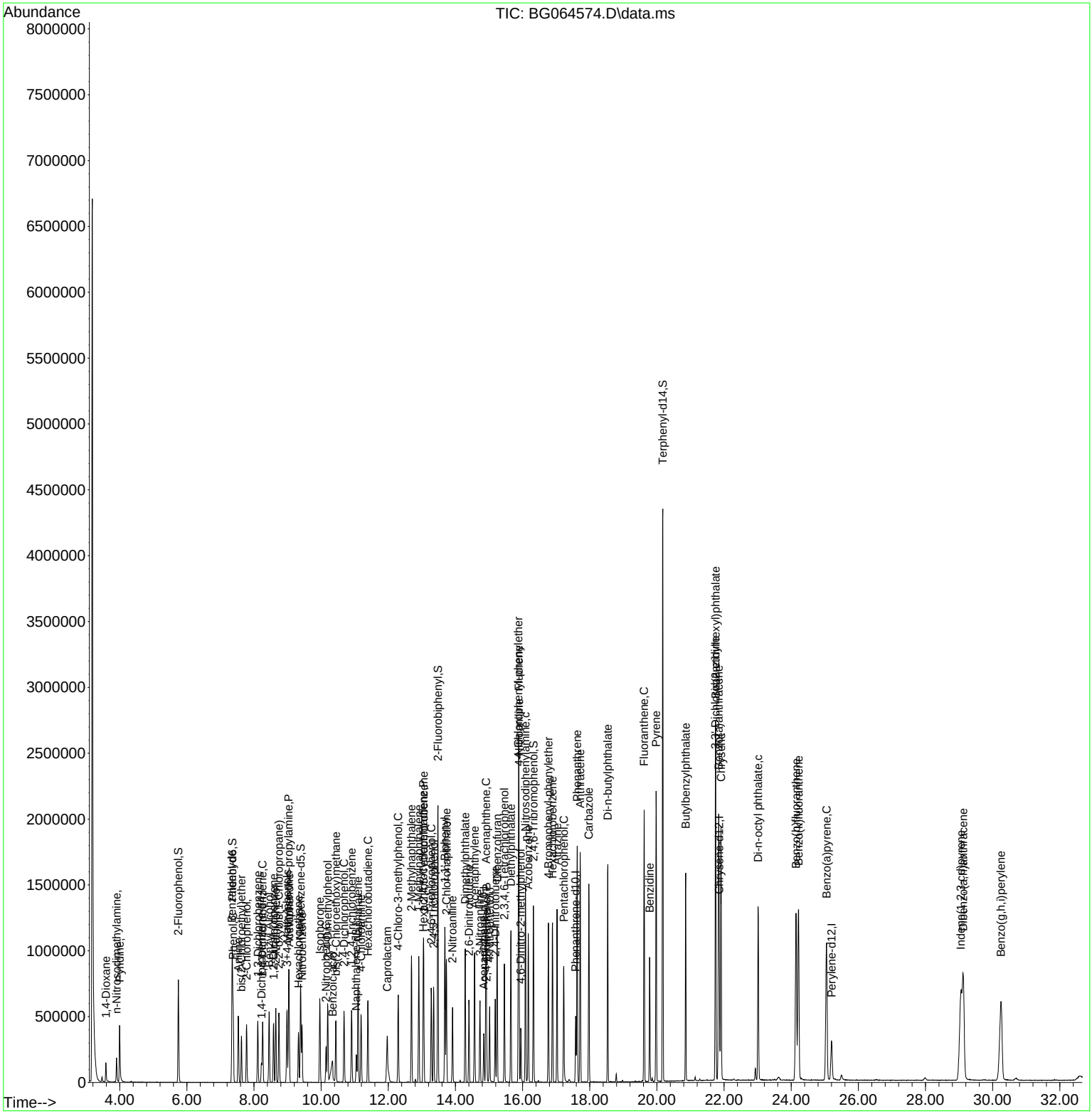
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.354	196	209320	69.994	ng		96
46) 1,1'-Biphenyl	13.683	154	606860	63.233	ng		98
47) 2-Chloronaphthalene	13.730	162	463792	64.022	ng		98
48) 2-Nitroaniline	13.913	65	163796	66.052	ng		95
49) Acenaphthylene	14.571	152	739728	64.738	ng		100
50) Dimethylphthalate	14.289	163	688128	66.616	ng		99
51) 2,6-Dinitrotoluene	14.400	165	114588	65.951	ng		95
52) Acenaphthene	14.911	154	510499	65.392	ng		98
53) 3-Nitroaniline	14.729	138	131776	74.231	ng		91
54) 2,4-Dinitrophenol	14.929	184	66900	65.082	ng	#	75
55) Dibenzofuran	15.240	168	804964	63.779	ng		97
56) 4-Nitrophenol	15.017	139	114408	69.512	ng		97
57) 2,4-Dinitrotoluene	15.187	165	175802	65.522	ng	#	100
58) Fluorene	15.887	166	627437	63.656	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.458	232	205529	71.870	ng		99
60) Diethylphthalate	15.652	149	695924	65.982	ng		99
61) 4-Chlorophenyl-phenyle...	15.875	204	359759	65.038	ng		99
62) 4-Nitroaniline	15.893	138	143839	72.832	ng		98
63) Azobenzene	16.169	77	633520	65.464	ng		99
65) 4,6-Dinitro-2-methylph...	15.945	198	94338	64.046	ng		93
66) n-Nitrosodiphenylamine	16.086	169	577835	65.944	ng		99
67) 4-Bromophenyl-phenylether	16.768	248	256556	66.740	ng		100
68) Hexachlorobenzene	16.891	284	293831	67.001	ng		96
69) Atrazine	17.026	200	254070	67.378	ng		97
70) Pentachlorophenol	17.226	266	193954	70.923	ng		91
71) Phenanthrene	17.626	178	1147317	64.676	ng		99
72) Anthracene	17.714	178	1171223	64.905	ng		99
73) Carbazole	17.972	167	1000680	62.887	ng		99
74) Di-n-butylphthalate	18.536	149	1165396	63.334	ng		99
75) Fluoranthene	19.618	202	1364891	61.419	ng		98
77) Benzidine	19.782	184	544918	71.348	ng		99
78) Pyrene	19.976	202	1437669	64.549	ng		99
80) Butylbenzylphthalate	20.857	149	477358	70.914	ng		98
81) Benzo(a)anthracene	21.839	228	1462488	64.702	ng		99
82) 3,3'-Dichlorobenzidine	21.739	252	497174	65.868	ng		99
83) Chrysene	21.909	228	1389821	64.621	ng		98
84) Bis(2-ethylhexyl)phtha...	21.750	149	681649	67.768	ng		98
85) Di-n-octyl phthalate	23.014	149	1142651	67.379	ng		100
87) Indeno(1,2,3-cd)pyrene	29.048	276	1729035	66.979	ng		98
88) Benzo(b)fluoranthene	24.142	252	1424640	66.207	ng		99
89) Benzo(k)fluoranthene	24.218	252	1436312	66.703	ng		99
90) Benzo(a)pyrene	25.052	252	1311701	66.315	ng		100
91) Dibenzo(a,h)anthracene	29.124	278	1394234	66.479	ng		99
92) Benzo(g,h,i)perylene	30.246	276	1347382	67.253	ng		98

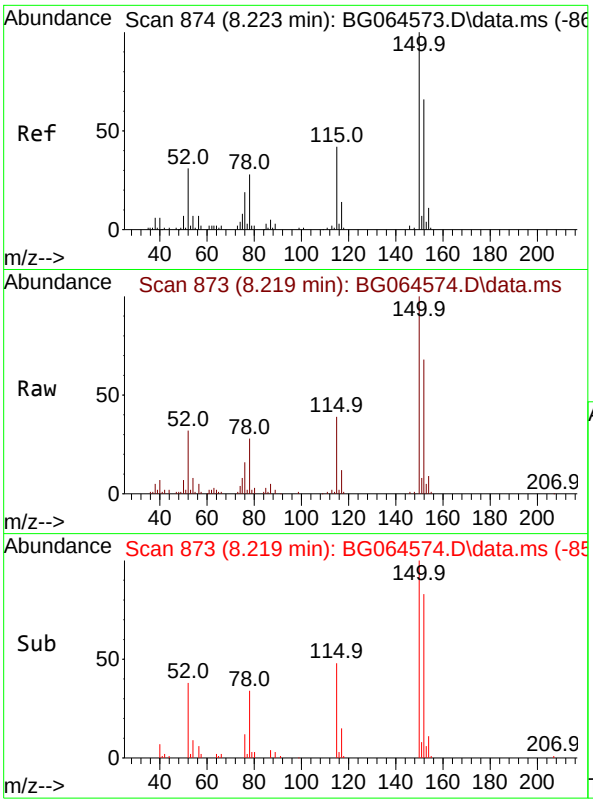
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Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064574.D
Acq On : 24 Oct 2025 13:44
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Quant Time: Nov 03 18:01:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 17:56:56 2025
Response via : Initial Calibration



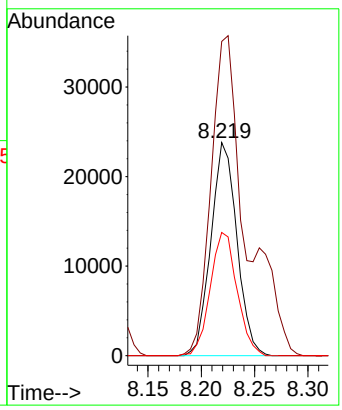


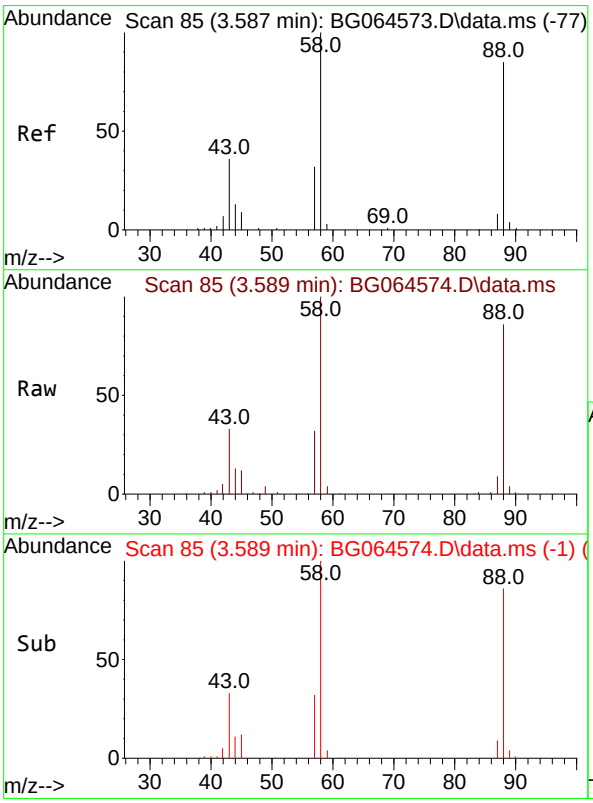
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.219 min Scan# 8
Delta R.T. -0.004 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 40271

Ion	Ratio	Lower	Upper
152	100		
150	147.4	122.2	183.4
115	57.8	50.8	76.2

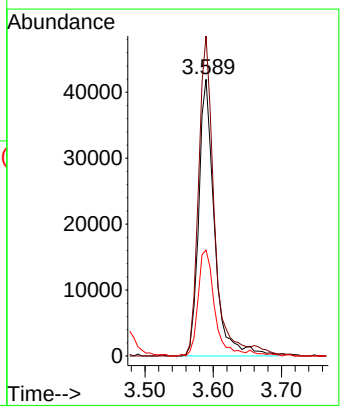


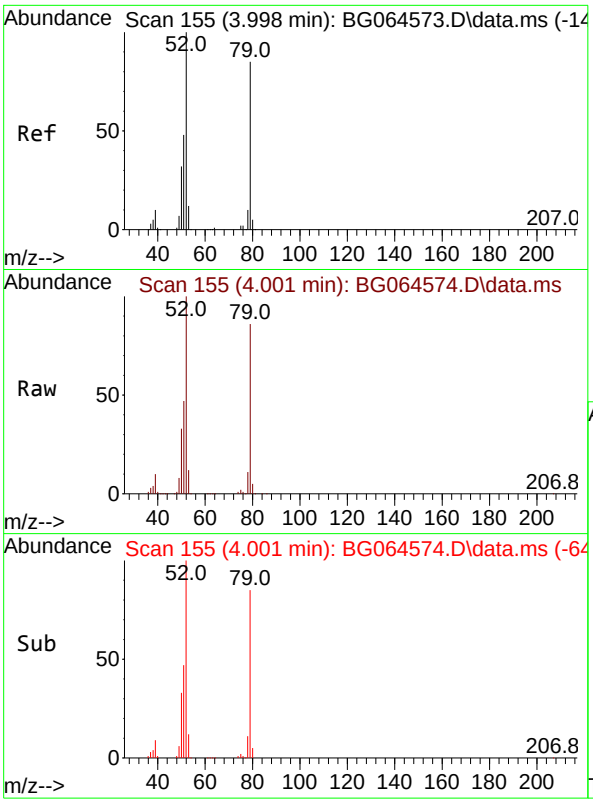


#2
1,4-Dioxane
Concen: 63.535 ng
RT: 3.589 min Scan# 85
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion: 88 Resp: 67487

Ion	Ratio	Lower	Upper
88	100		
58	113.3	92.4	138.6
43	40.0	33.0	49.6



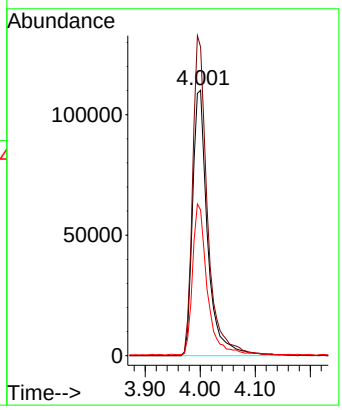


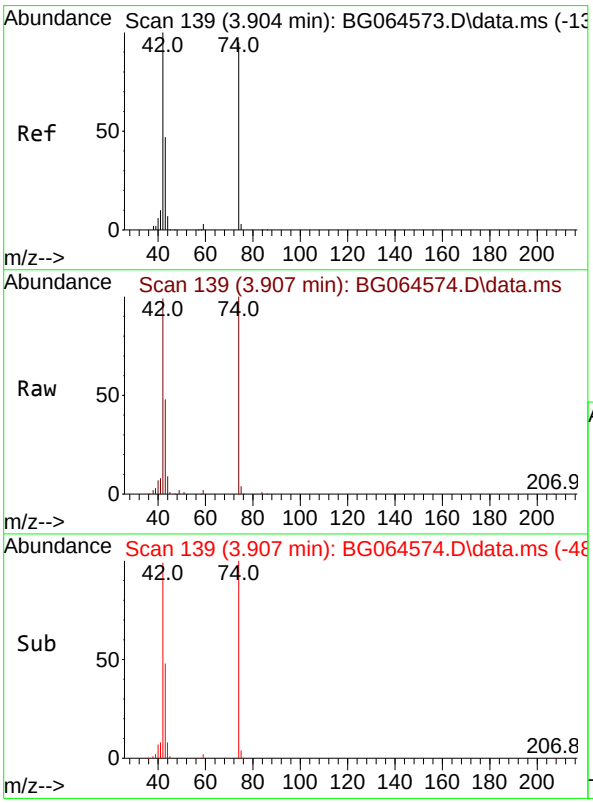
#3
Pyridine
Concen: 65.637 ng
RT: 4.001 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 209372

Ion	Ratio	Lower	Upper
79	100		
52	116.3	94.2	141.2
51	54.8	46.1	69.1

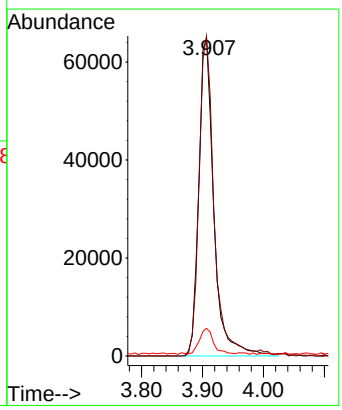


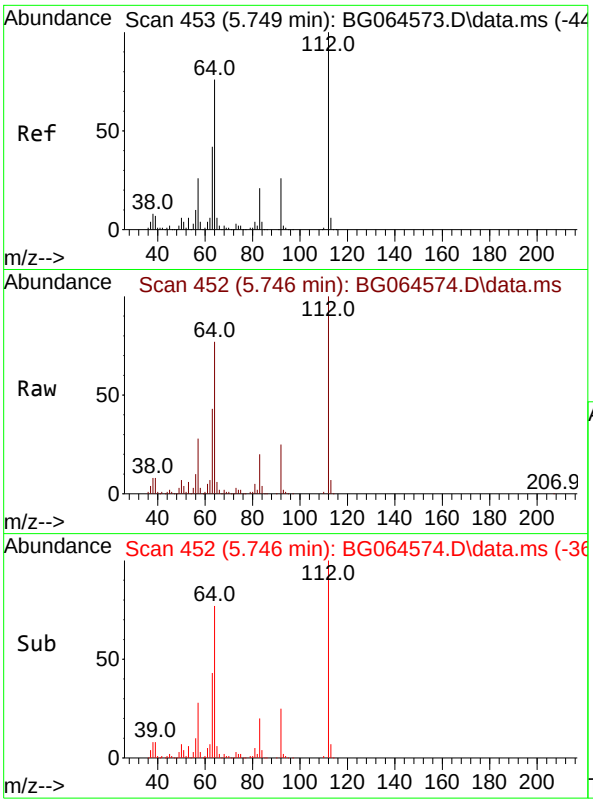


#4
n-Nitrosodimethylamine
Concen: 65.071 ng
RT: 3.907 min Scan# 139
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion: 42 Resp: 111310

Ion	Ratio	Lower	Upper
42	100		
74	100.7	76.1	114.1
44	8.7	6.3	9.5



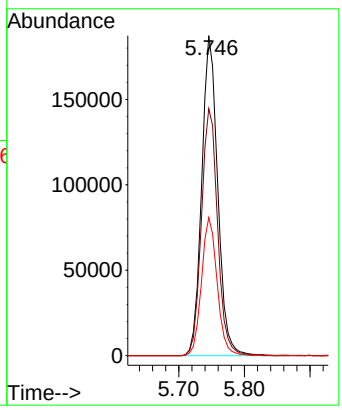


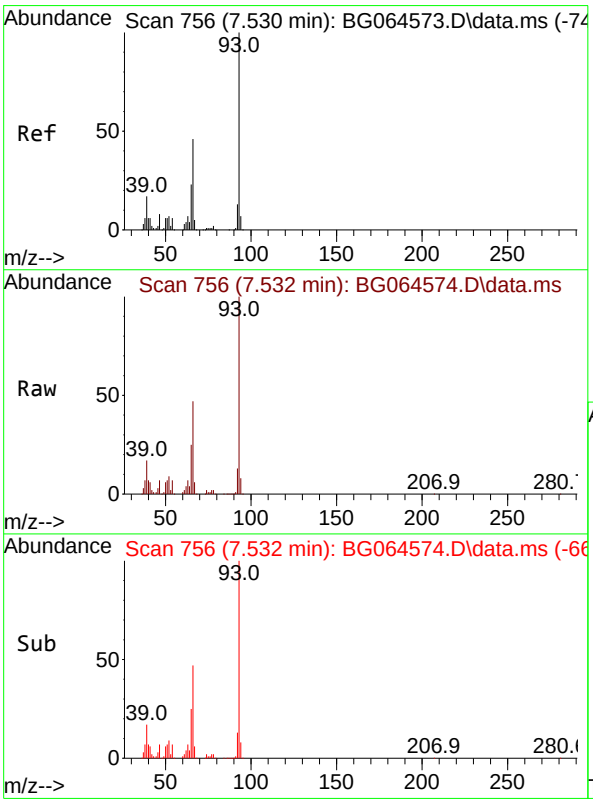
#5
2-Fluorophenol
Concen: 132.728 ng
RT: 5.746 min Scan# 4
Delta R.T. -0.004 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion:112 Resp: 318446

Ion	Ratio	Lower	Upper
112	100		
64	77.2	60.7	91.1
63	43.1	33.4	50.0

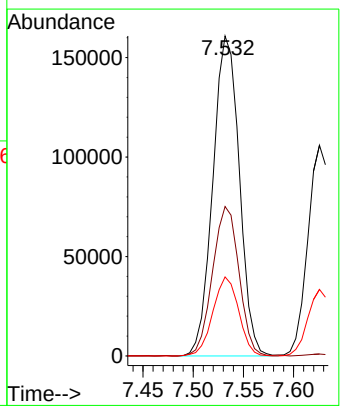


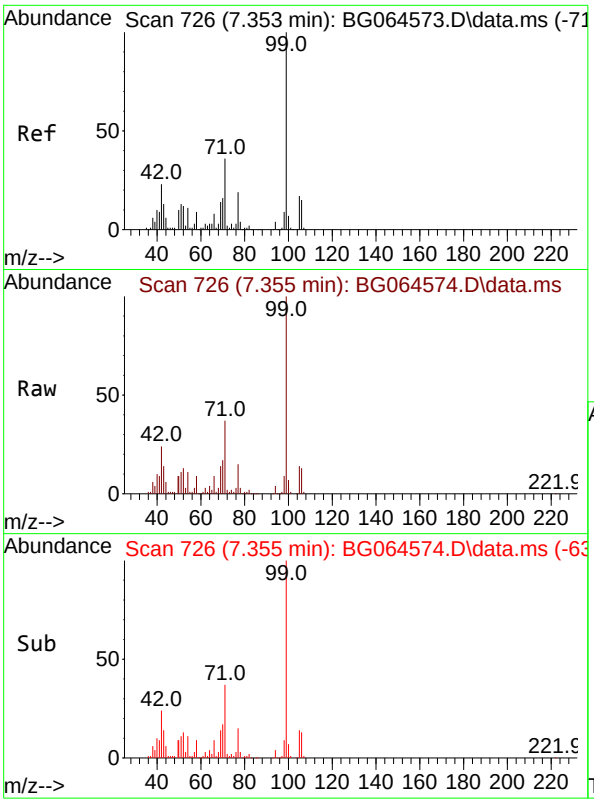


#6
Aniline
Concen: 65.803 ng
RT: 7.532 min Scan# 756
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion: 93 Resp: 294791

Ion	Ratio	Lower	Upper
93	100		
66	46.7	37.0	55.6
65	24.7	18.3	27.5



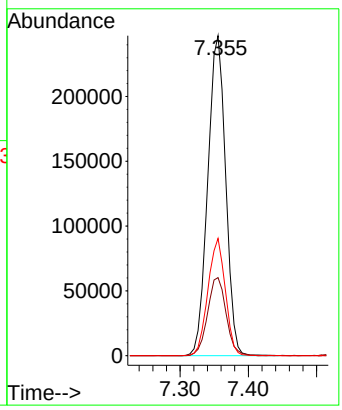


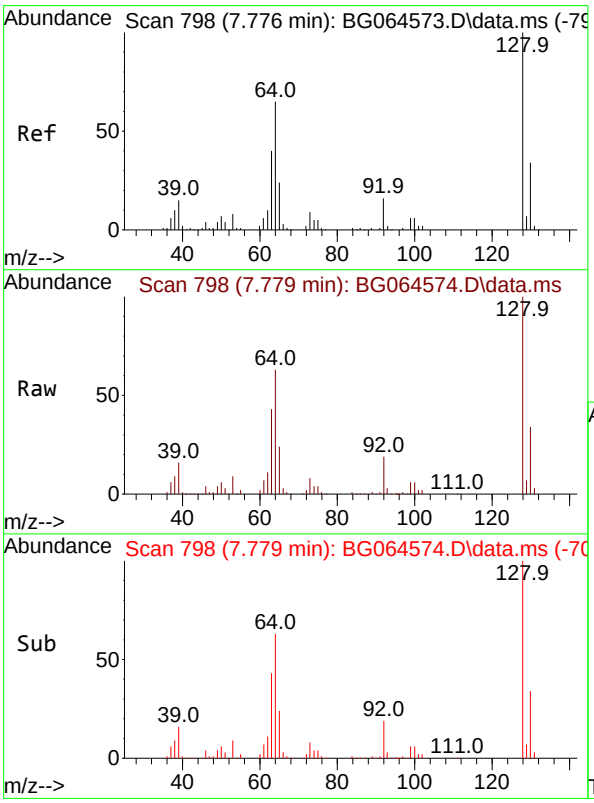
#7
Phenol-d6
Concen: 136.821 ng
RT: 7.355 min Scan# 7
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion: 99 Resp: 450449

Ion	Ratio	Lower	Upper
99	100		
42	24.4	18.3	27.5
71	36.7	28.6	43.0

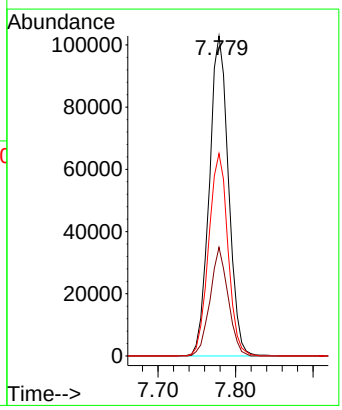


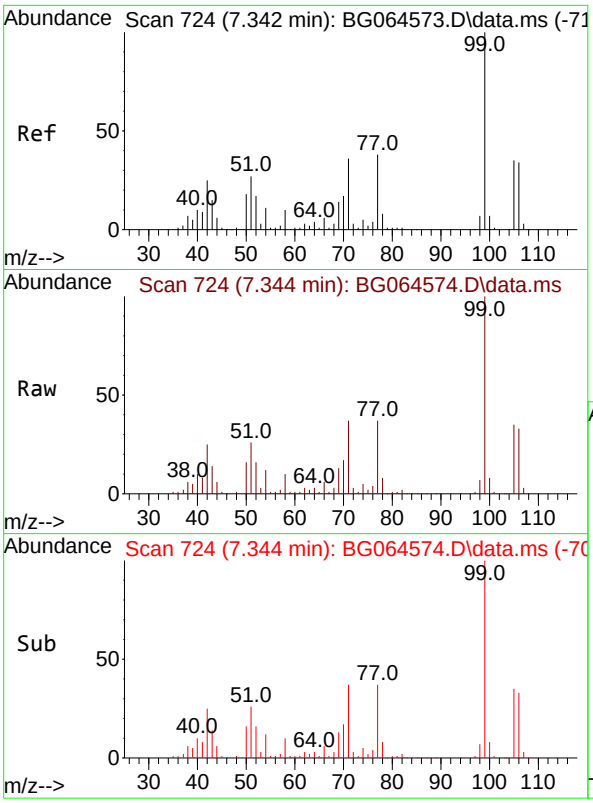


#8
2-Chlorophenol
Concen: 70.297 ng
RT: 7.779 min Scan# 798
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:128 Resp: 176533

Ion	Ratio	Lower	Upper
128	100		
130	33.9	13.5	53.5
64	63.3	45.2	85.2



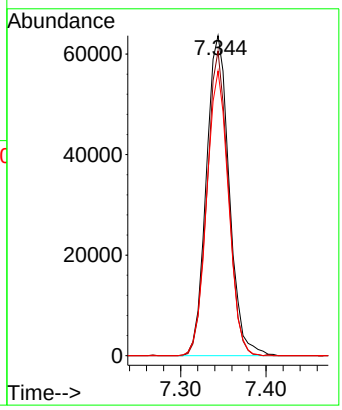


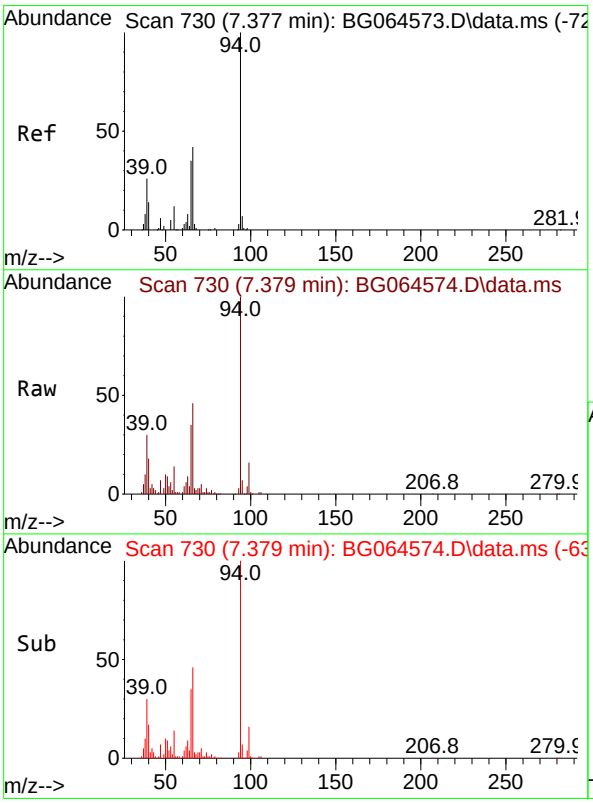
#9
Benzaldehyde
Concen: 65.963 ng
RT: 7.344 min Scan# 7
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 118559

Ion	Ratio	Lower	Upper
77	100		
105	95.2	72.9	112.9
106	89.0	70.8	110.8

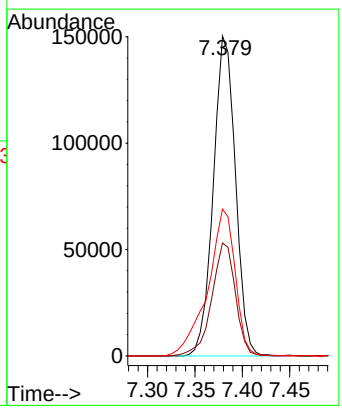


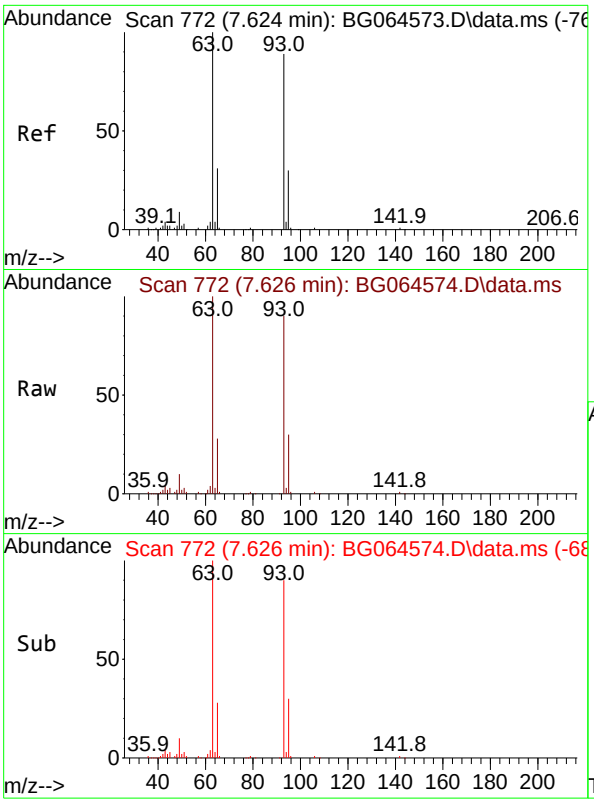


#10
Phenol
Concen: 67.267 ng
RT: 7.379 min Scan# 730
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion: 94 Resp: 244914

Ion	Ratio	Lower	Upper
94	100		
65	35.3	15.8	55.8
66	45.9	24.0	64.0



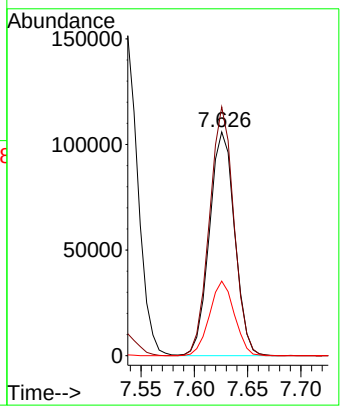


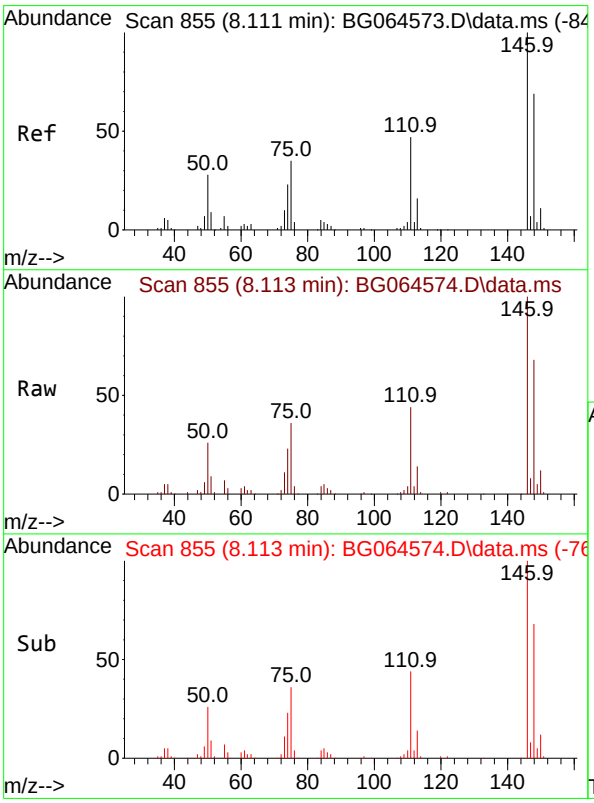
#11
bis(2-Chloroethyl)ether
Concen: 65.126 ng
RT: 7.626 min Scan# 7
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion: 93 Resp: 174337

Ion	Ratio	Lower	Upper
93	100		
63	111.2	91.3	131.3
95	33.3	13.3	53.3

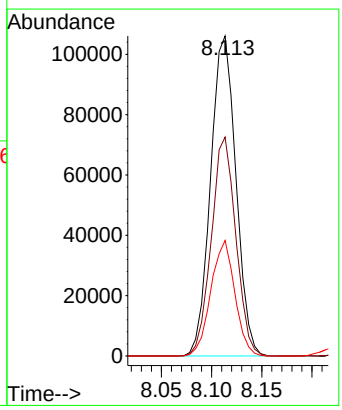


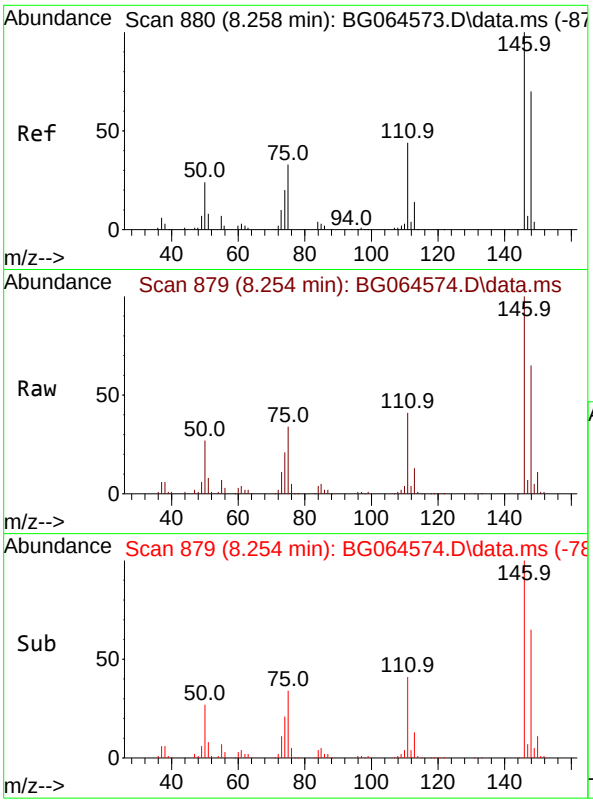


#12
1,3-Dichlorobenzene
Concen: 64.452 ng
RT: 8.113 min Scan# 855
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:146 Resp: 186290

Ion	Ratio	Lower	Upper
146	100		
148	68.4	55.3	82.9
75	36.1	28.2	42.2



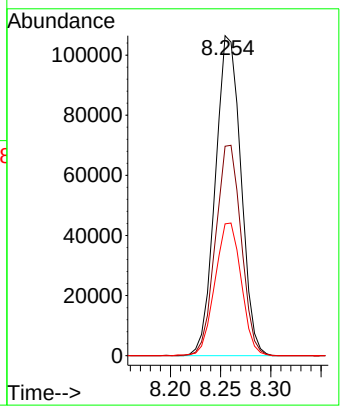


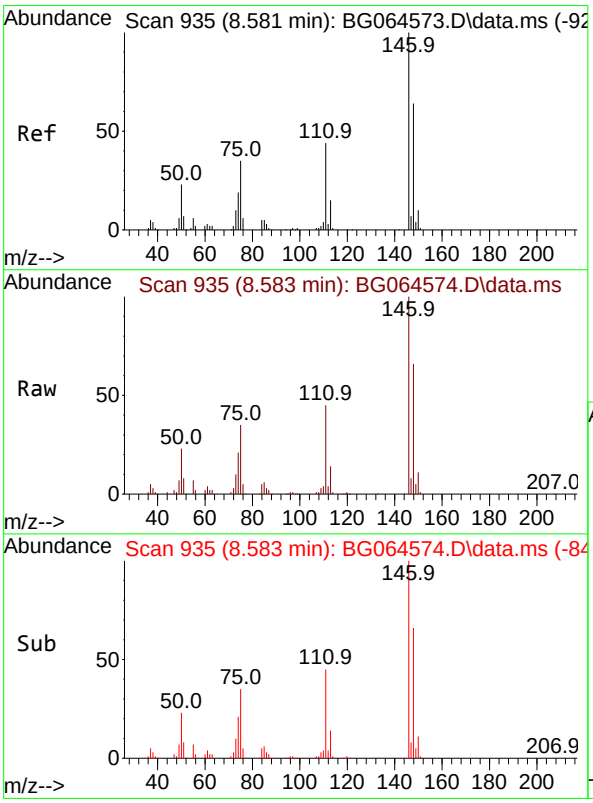
#13
1,4-Dichlorobenzene
Concen: 64.156 ng
RT: 8.254 min Scan# 8
Delta R.T. -0.004 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion:146 Resp: 188553

Ion	Ratio	Lower	Upper
146	100		
148	65.5	56.2	84.4
111	41.2	35.4	53.0

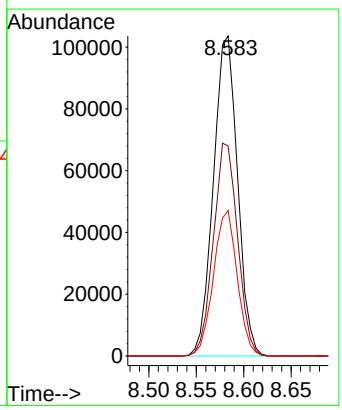


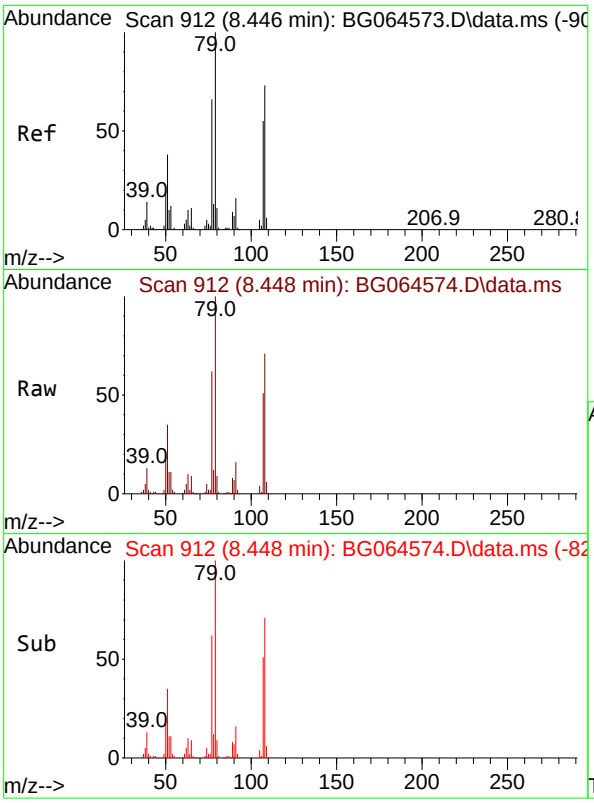


#14
1,2-Dichlorobenzene
Concen: 64.766 ng
RT: 8.583 min Scan# 935
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:146 Resp: 183593

Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.5	77.3
111	45.4	35.0	52.6



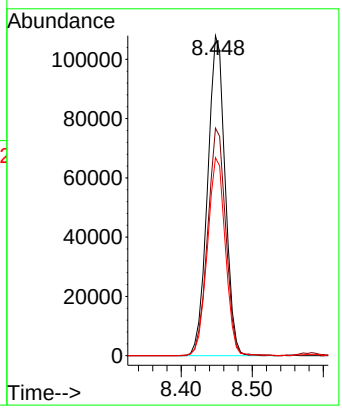


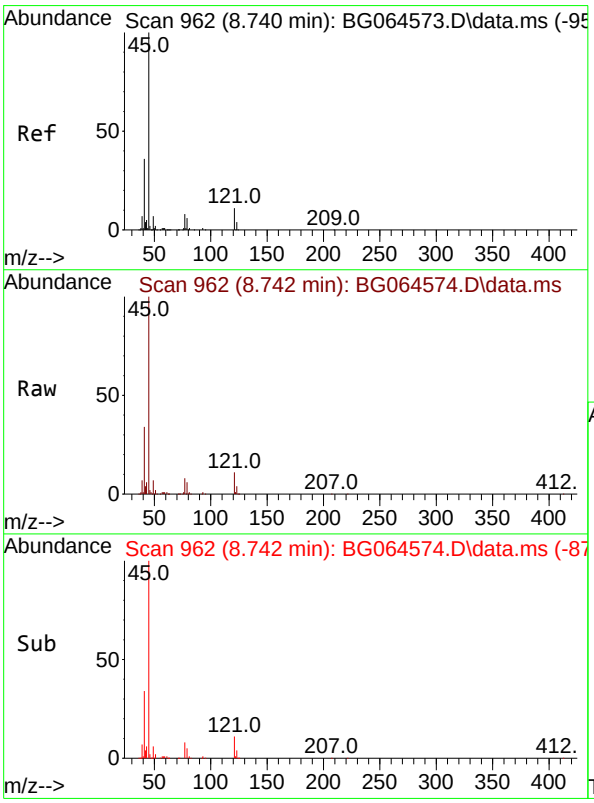
#15
Benzyl Alcohol
Concen: 68.201 ng
RT: 8.448 min Scan# 91
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 185157

Ion	Ratio	Lower	Upper
79	100		
108	71.1	58.1	87.1
77	61.8	52.8	79.2

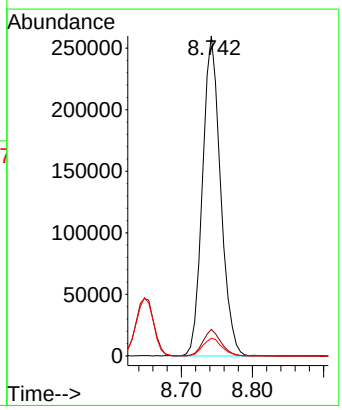


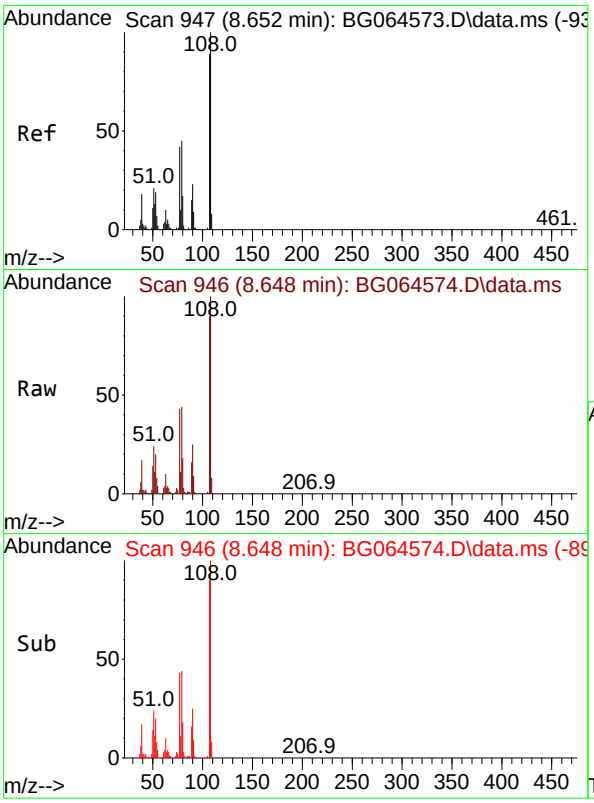


#16
2,2'-oxybis(1-Chloropropane)
Concen: 65.410 ng
RT: 8.742 min Scan# 962
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion: 45 Resp: 459295

Ion	Ratio	Lower	Upper
45	100		
77	8.3	0.0	28.5
79	5.6	0.0	25.6



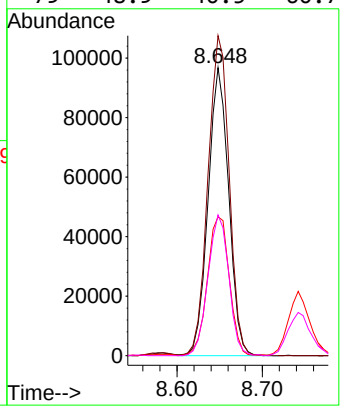


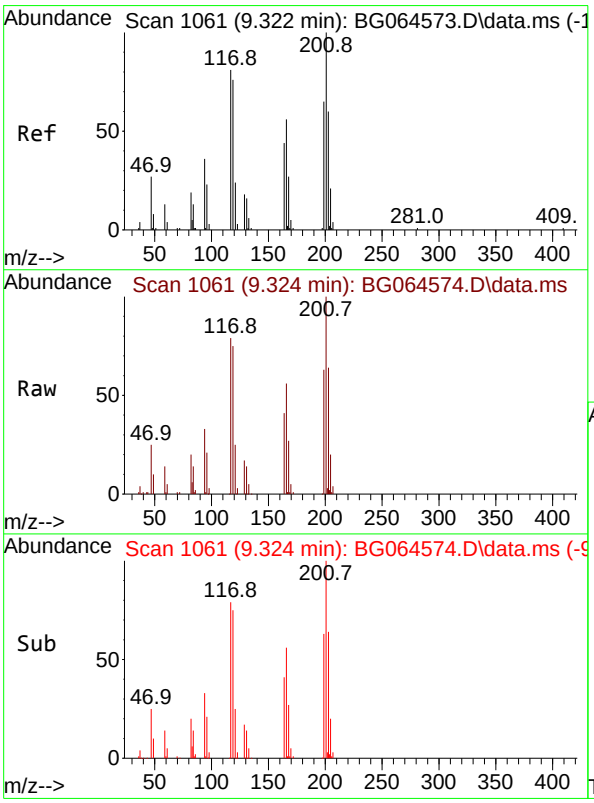
#17
2-Methylphenol
Concen: 67.237 ng
RT: 8.648 min Scan# 94
Delta R.T. -0.004 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion:107 Resp: 162536

Ion	Ratio	Lower	Upper
107	100		
108	111.1	90.0	135.0
77	48.2	37.8	56.8
79	48.9	40.5	60.7

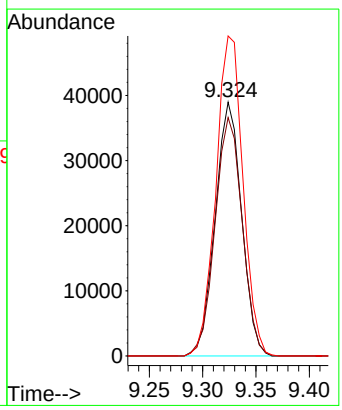


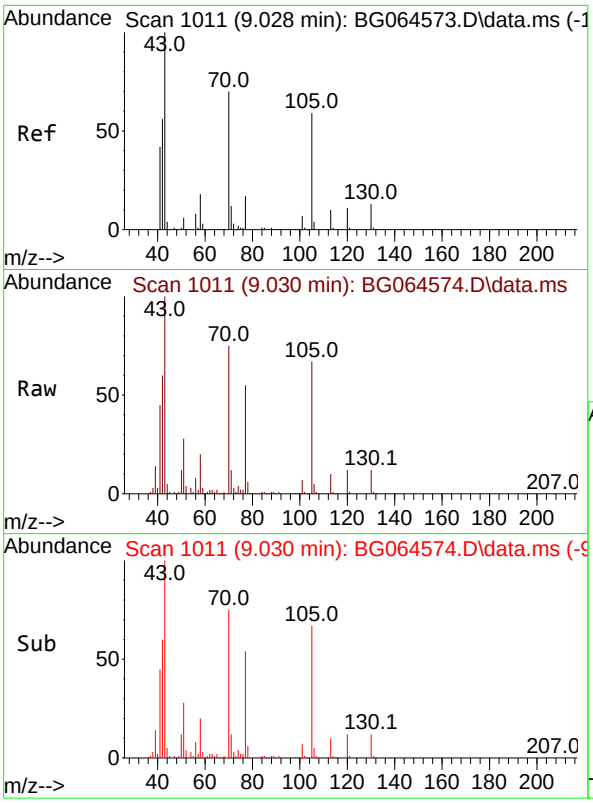


#18
Hexachloroethane
Concen: 65.193 ng
RT: 9.324 min Scan# 1061
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:117 Resp: 67237

Ion	Ratio	Lower	Upper
117	100		
119	93.9	75.4	113.2
201	126.1	99.2	148.8



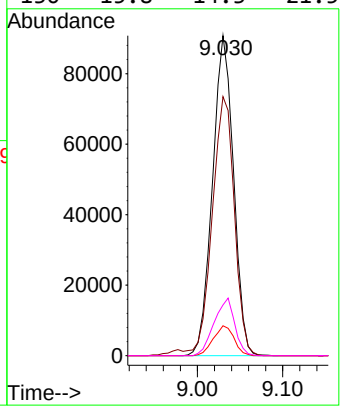


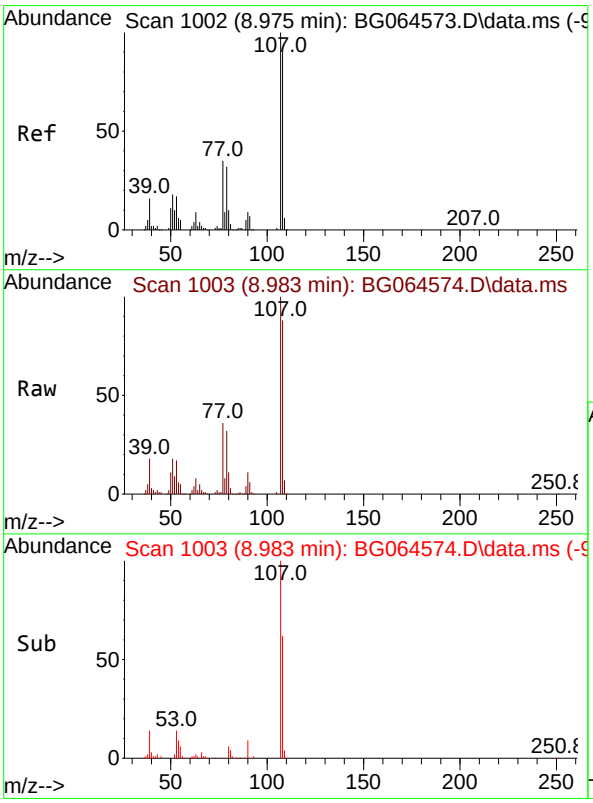
#19
n-Nitroso-di-n-propylamine
Concen: 68.424 ng
RT: 9.030 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion: 70 Resp: 155683

Ion	Ratio	Lower	Upper
70	100		
42	80.9	65.2	97.8
101	9.4	7.9	11.9
130	15.8	14.3	21.5

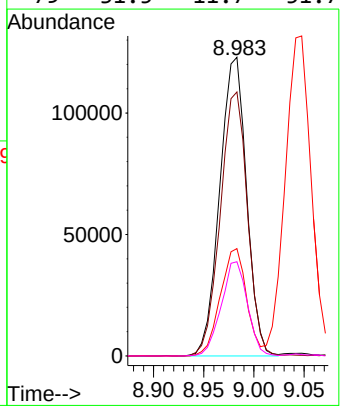


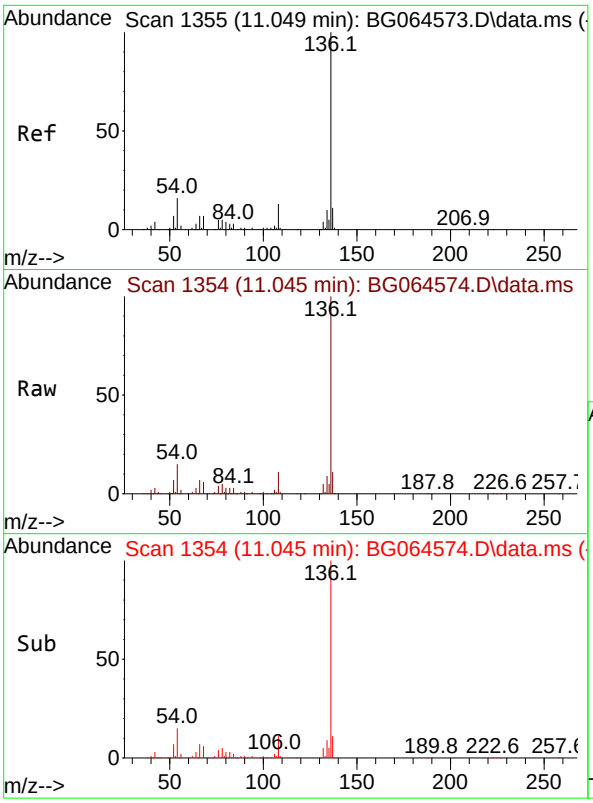


#20
3+4-Methylphenols
Concen: 67.359 ng
RT: 8.983 min Scan# 1003
Delta R.T. 0.008 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:107 Resp: 228995

Ion	Ratio	Lower	Upper
107	100		
108	88.4	70.3	110.3
77	35.9	14.6	54.6
79	31.5	11.7	51.7



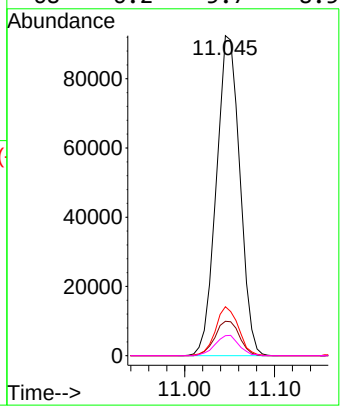


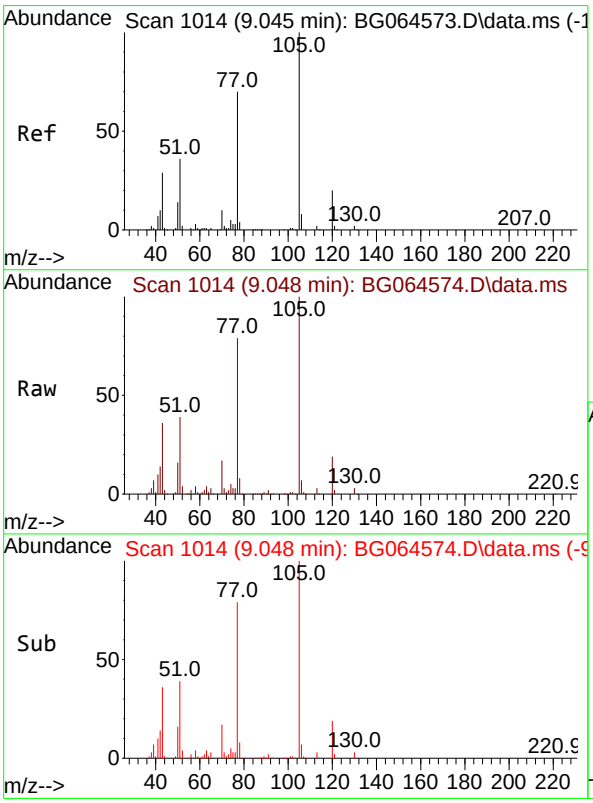
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.045 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion:136 Resp: 168005

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	15.3	12.6	19.0
68	6.2	5.7	8.5

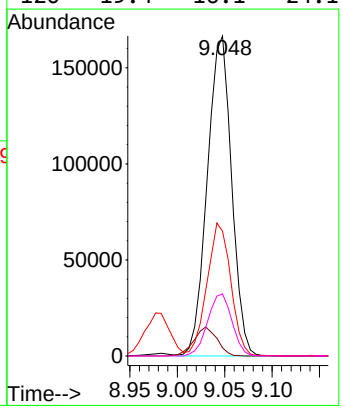


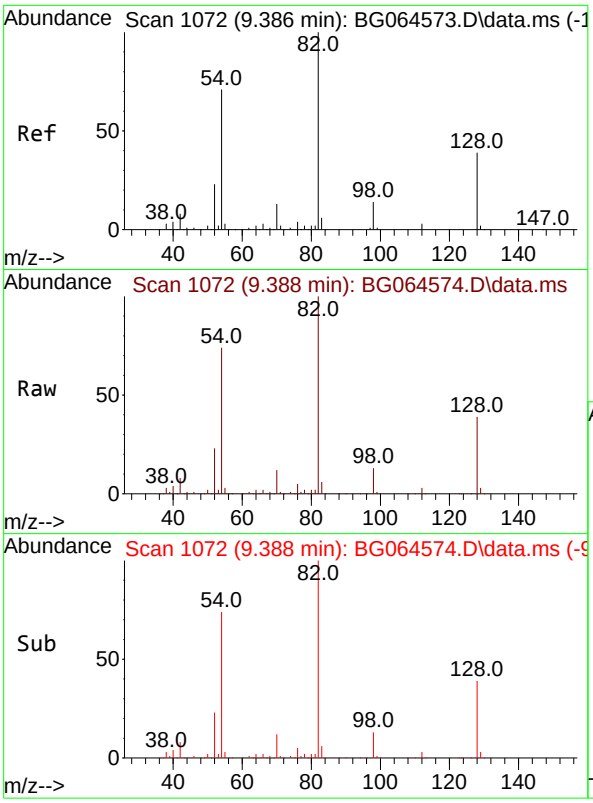


#22
Acetophenone
Concen: 64.759 ng
RT: 9.048 min Scan# 1014
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:105 Resp: 297413

Ion	Ratio	Lower	Upper
105	100		
71	2.6	1.5	2.3#
51	39.0	33.7	50.5
120	19.4	16.1	24.1



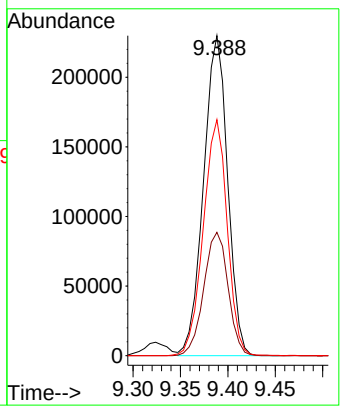


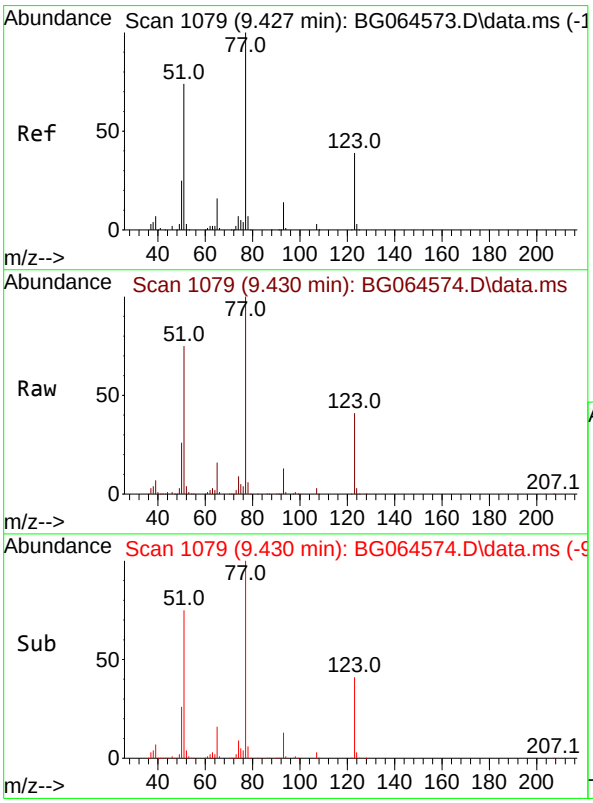
#23
Nitrobenzene-d5
Concen: 145.243 ng
RT: 9.388 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 406268

Ion	Ratio	Lower	Upper
82	100		
128	38.5	31.3	46.9
54	73.8	56.6	84.8

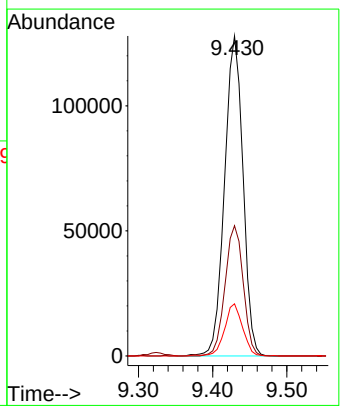


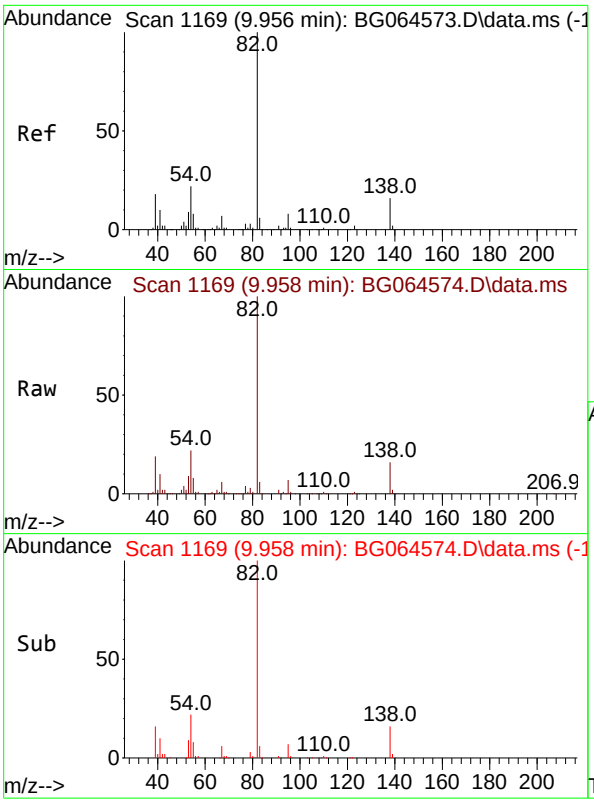


#24
Nitrobenzene
Concen: 72.567 ng
RT: 9.430 min Scan# 1079
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion: 77 Resp: 220774

Ion	Ratio	Lower	Upper
77	100		
123	40.7	31.0	46.6
65	16.3	12.7	19.1



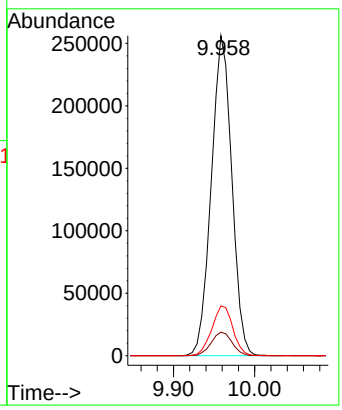


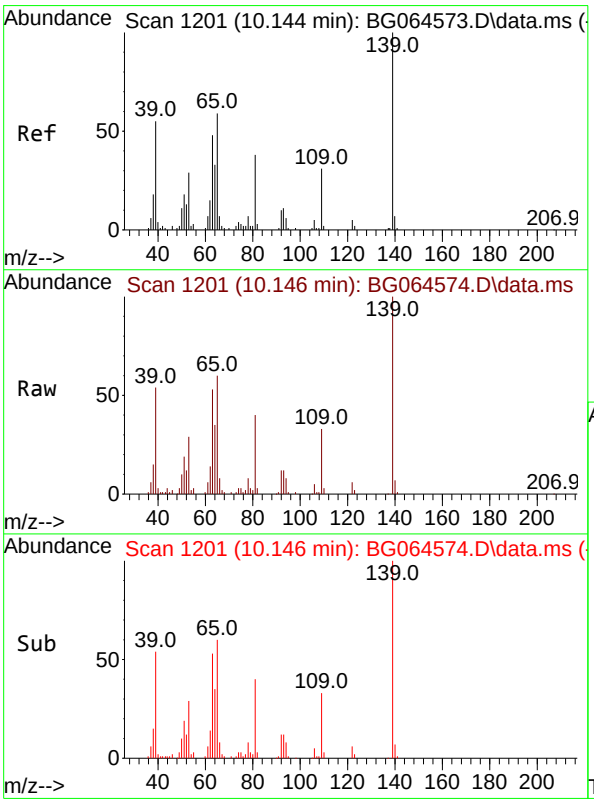
#25
Isophorone
Concen: 66.940 ng
RT: 9.958 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 449298

Ion	Ratio	Lower	Upper
82	100		
95	7.3	6.1	9.1
138	15.6	13.0	19.4

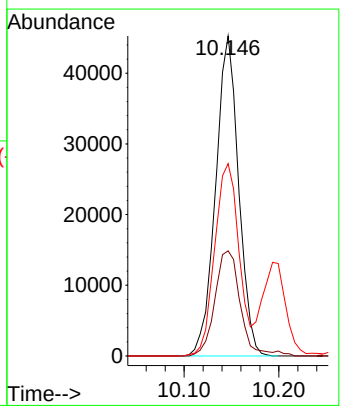


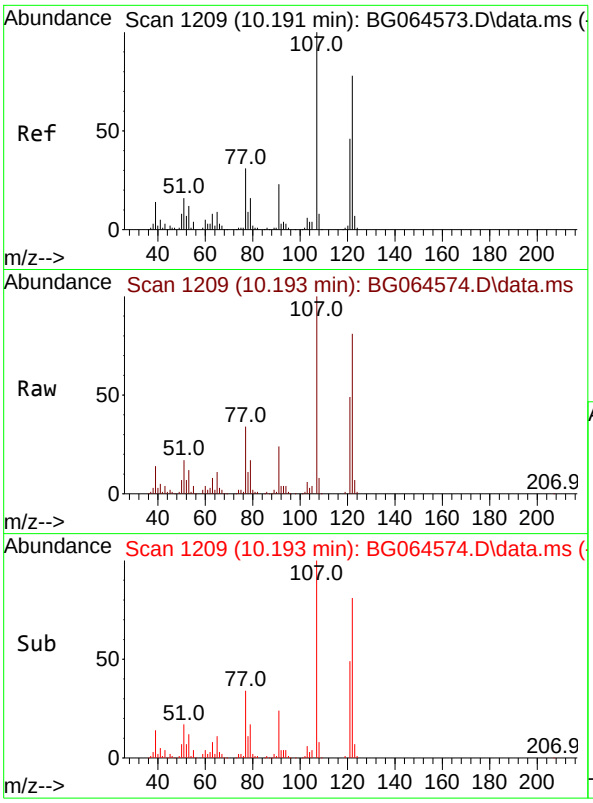


#26
2-Nitrophenol
Concen: 63.945 ng
RT: 10.146 min Scan# 1201
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:139 Resp: 76368

Ion	Ratio	Lower	Upper
139	100		
109	32.9	24.6	37.0
65	60.1	47.5	71.3



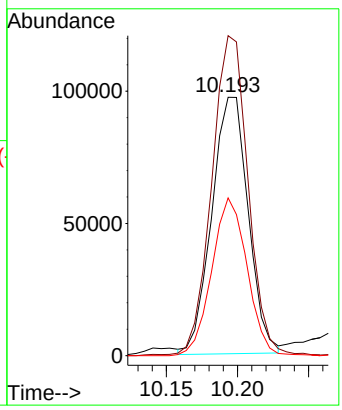


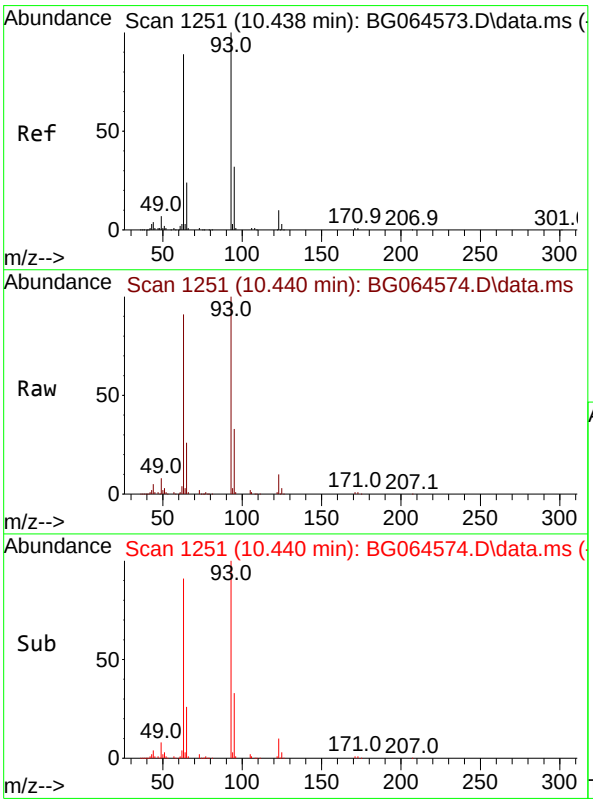
#27
2,4-Dimethylphenol
Concen: 69.317 ng
RT: 10.193 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion:122 Resp: 173061

Ion	Ratio	Lower	Upper
122	100		
107	123.8	103.0	154.4
121	61.1	47.8	71.8

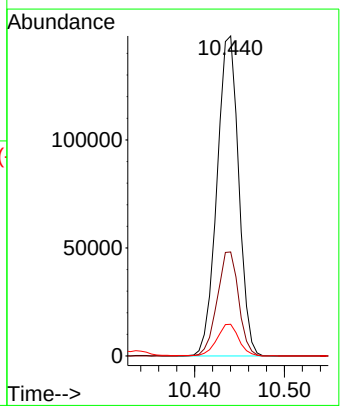


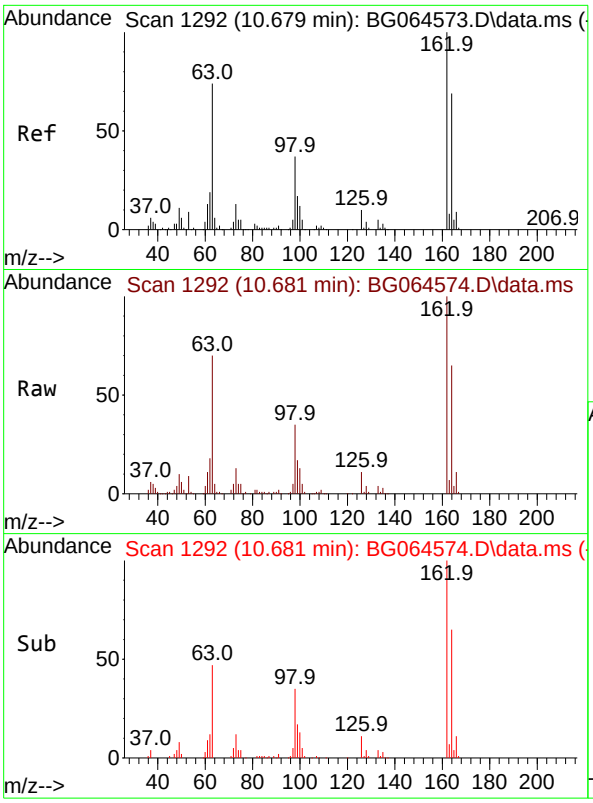


#28
bis(2-Chloroethoxy)methane
Concen: 65.078 ng
RT: 10.440 min Scan# 1251
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion: 93 Resp: 248699

Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.4	38.2
123	9.9	8.4	12.6



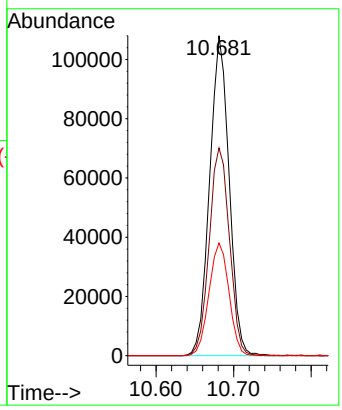


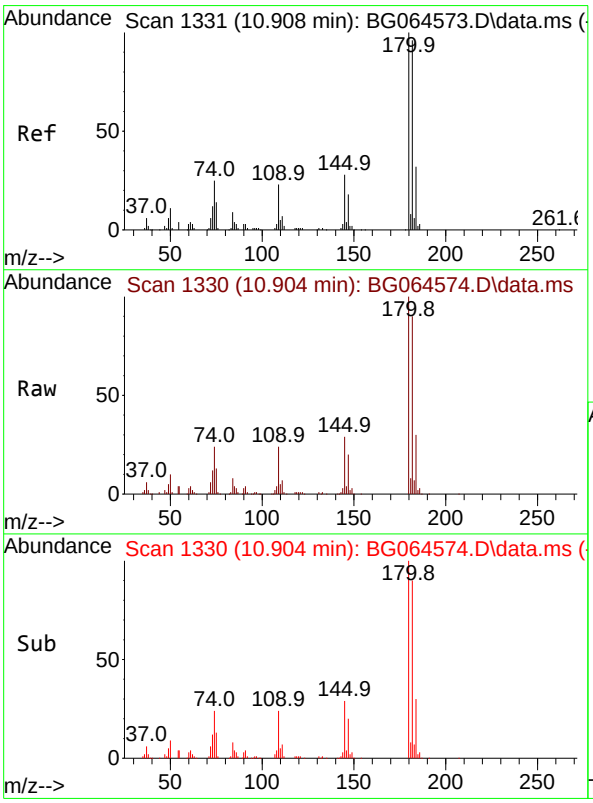
#29
2,4-Dichlorophenol
Concen: 70.056 ng
RT: 10.681 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 188233

Ion	Ratio	Lower	Upper
162	100		
164	64.9	48.7	88.7
98	35.2	16.9	56.9

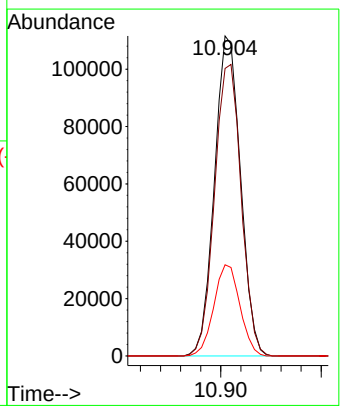


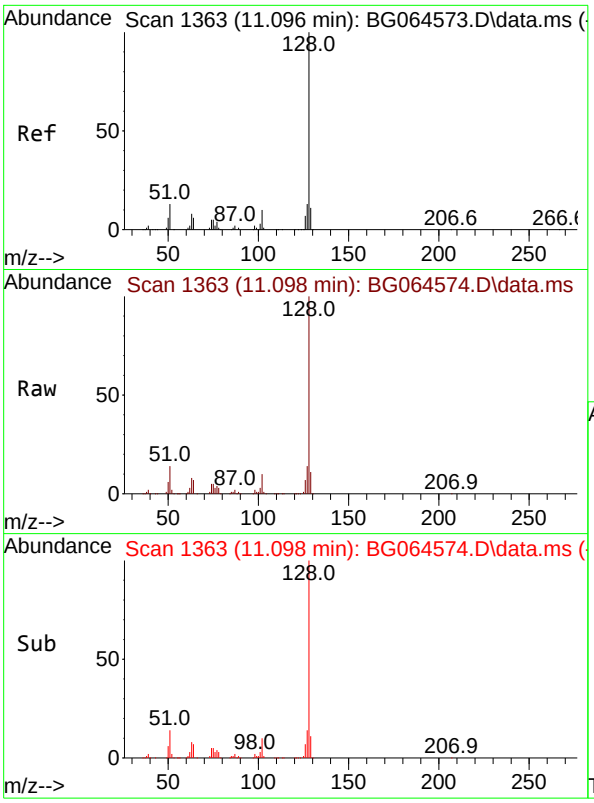


#30
1,2,4-Trichlorobenzene
Concen: 65.837 ng
RT: 10.904 min Scan# 1330
Delta R.T. -0.004 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:180 Resp: 200988

Ion	Ratio	Lower	Upper
180	100		
182	89.9	76.9	115.3
145	28.5	22.1	33.1



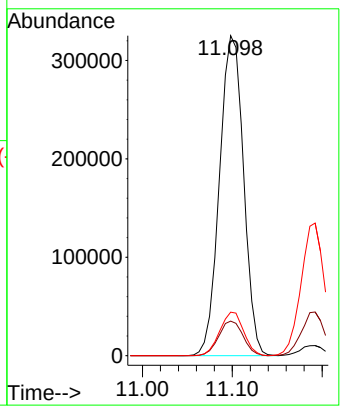


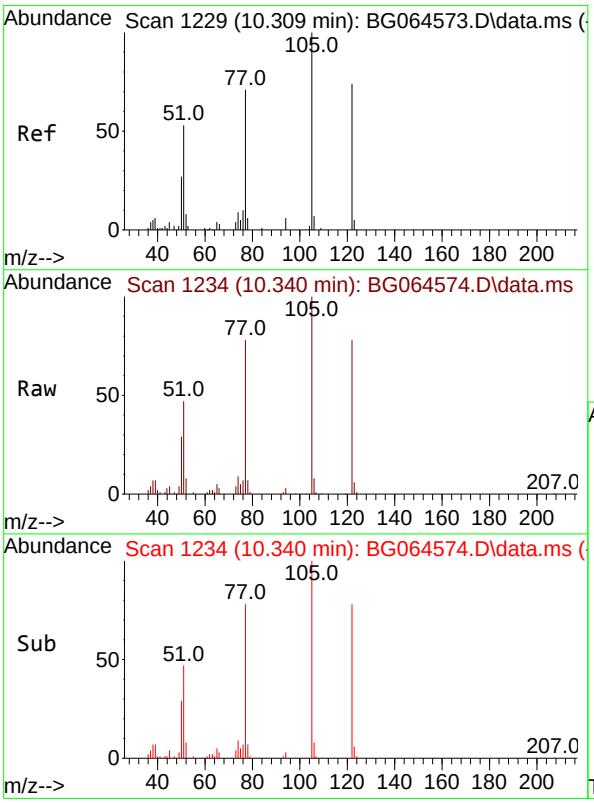
#31
Naphthalene
Concen: 64.976 ng
RT: 11.098 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion:128 Resp: 605239

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.6	10.6	15.8

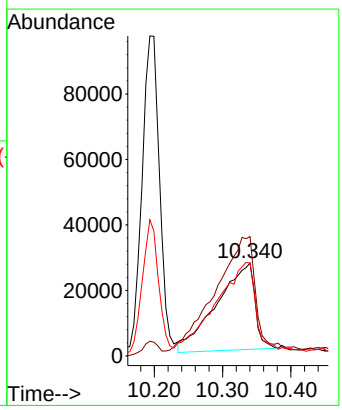


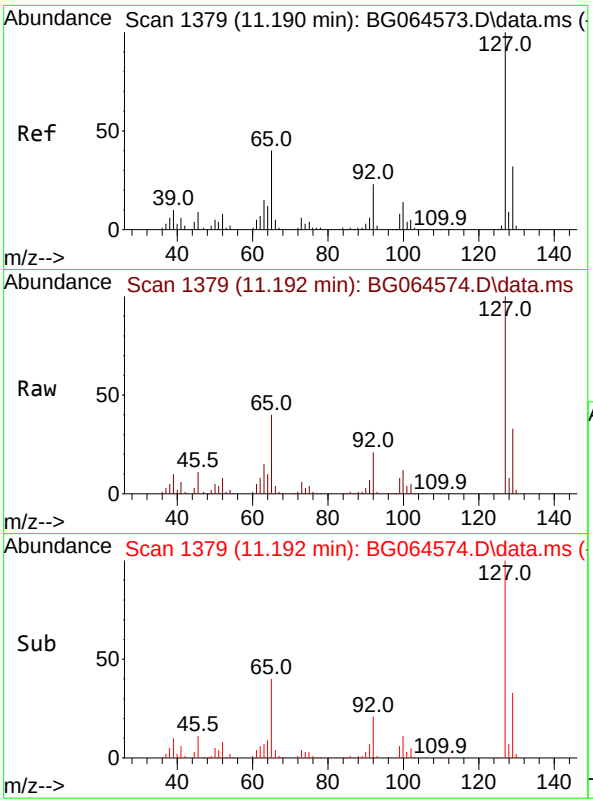


#32
Benzoic acid
Concen: 53.046 ng
RT: 10.340 min Scan# 1234
Delta R.T. 0.031 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:122 Resp: 102744

Ion	Ratio	Lower	Upper
122	100		
105	128.3	104.2	144.2
77	99.8	70.2	110.2



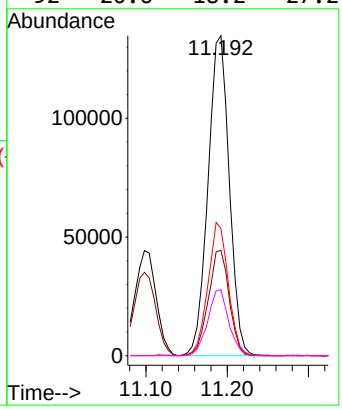


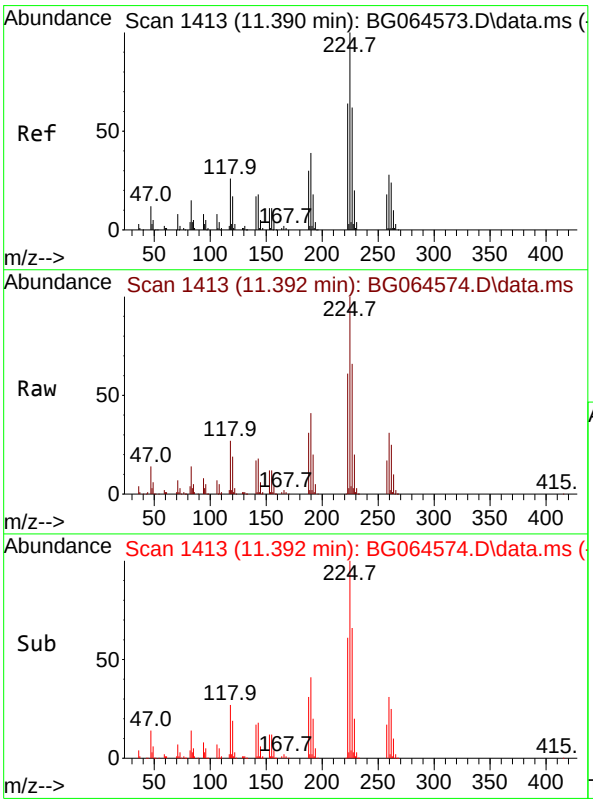
#33
4-Chloroaniline
Concen: 67.699 ng
RT: 11.192 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion:127 Resp: 245101

Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.5	38.3
65	39.7	32.2	48.4
92	20.6	18.2	27.2

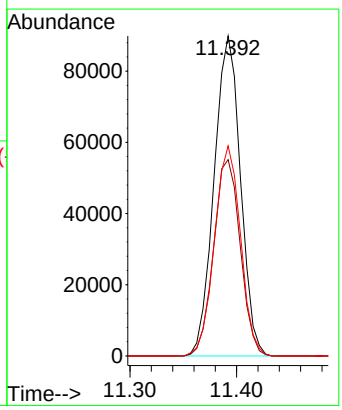


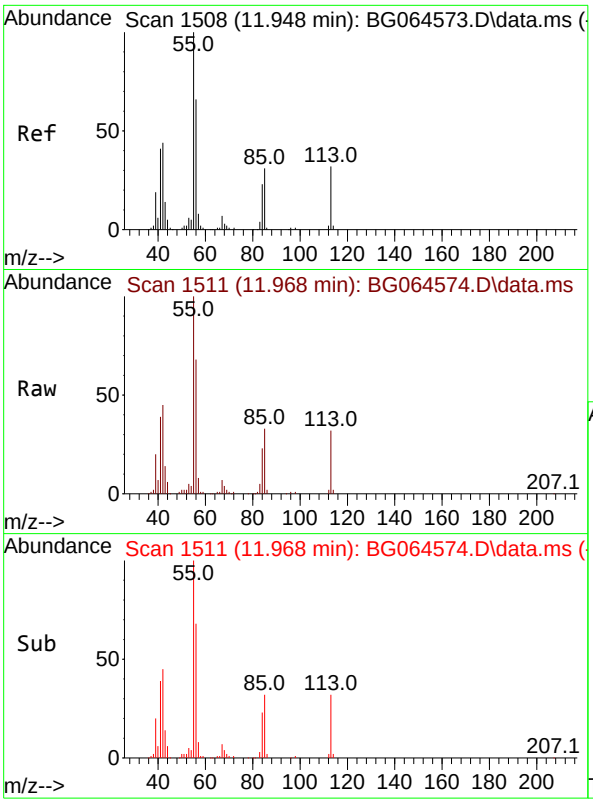


#34
Hexachlorobutadiene
Concen: 64.630 ng
RT: 11.392 min Scan# 1413
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:225 Resp: 154303

Ion	Ratio	Lower	Upper
225	100		
223	61.4	48.8	73.2
227	65.7	49.5	74.3



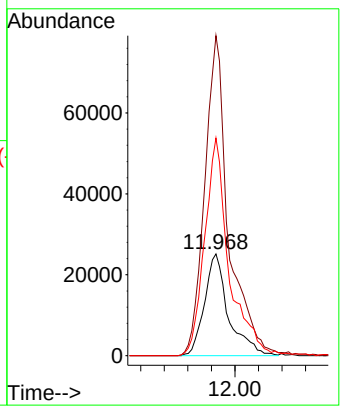


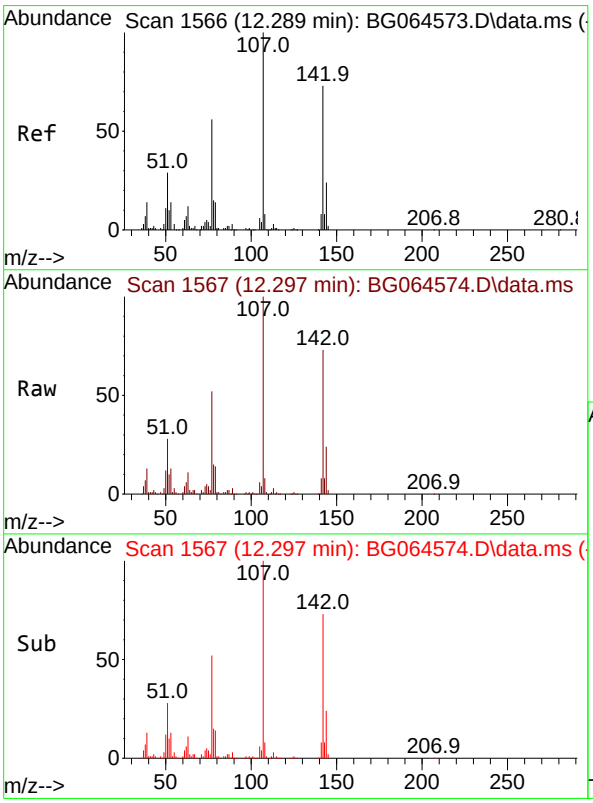
#35
Caprolactam
Concen: 69.206 ng
RT: 11.968 min Scan# 1
Delta R.T. 0.020 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion:113 Resp: 71319

Ion	Ratio	Lower	Upper
113	100		
55	314.3	290.1	330.1
56	213.7	183.8	223.8

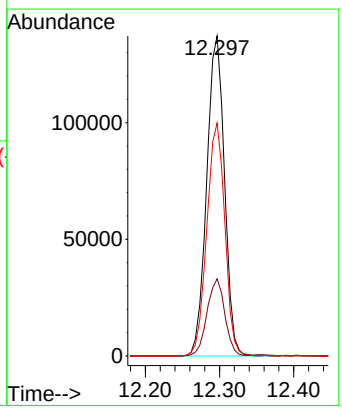


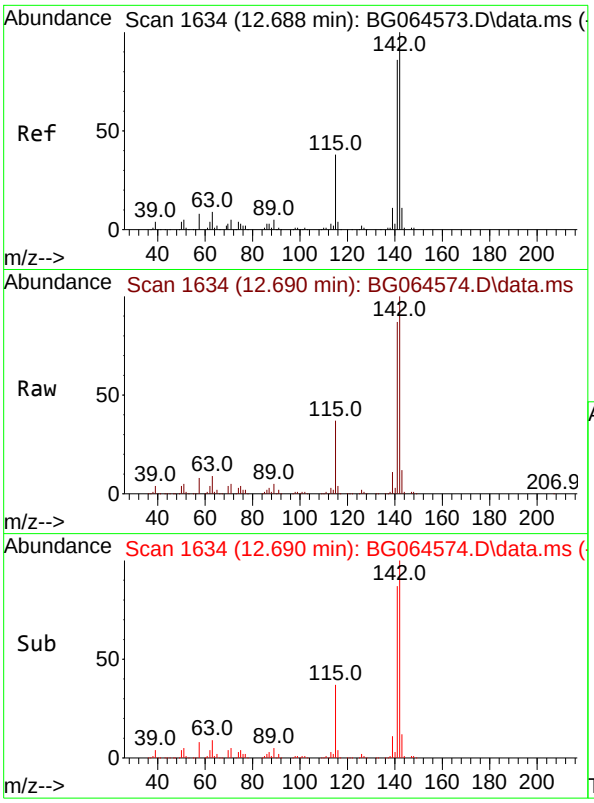


#36
4-Chloro-3-methylphenol
Concen: 70.853 ng
RT: 12.297 min Scan# 1567
Delta R.T. 0.008 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:107 Resp: 228833

Ion	Ratio	Lower	Upper
107	100		
144	24.1	19.1	28.7
142	72.8	58.6	87.8



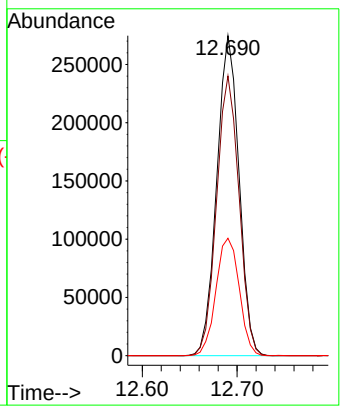


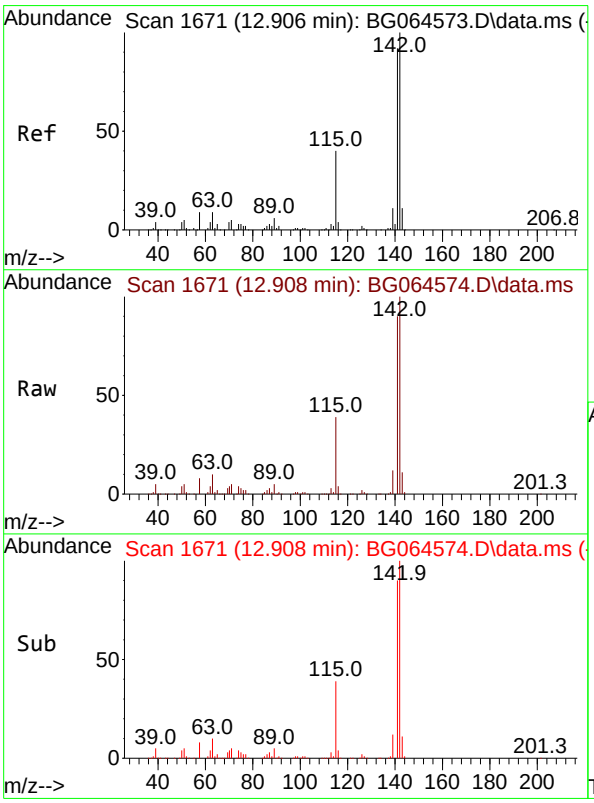
#37
2-Methylnaphthalene
Concen: 65.435 ng
RT: 12.690 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion:142 Resp: 447497

Ion	Ratio	Lower	Upper
142	100		
141	87.4	68.9	103.3
115	36.7	30.6	46.0

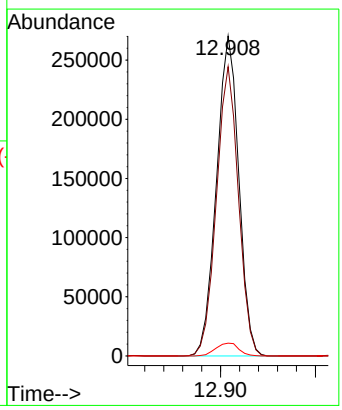


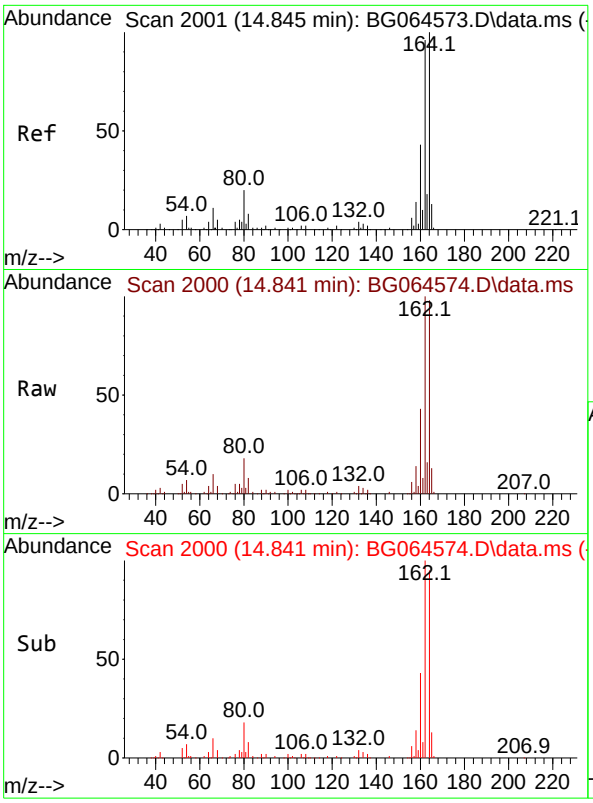


#38
1-Methylnaphthalene
Concen: 65.402 ng
RT: 12.908 min Scan# 1671
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:142 Resp: 442677

Ion	Ratio	Lower	Upper
142	100		
141	90.4	73.3	109.9
116	4.0	3.1	4.7



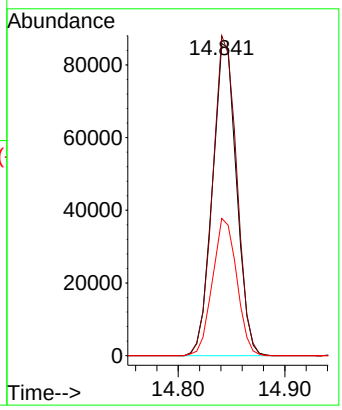


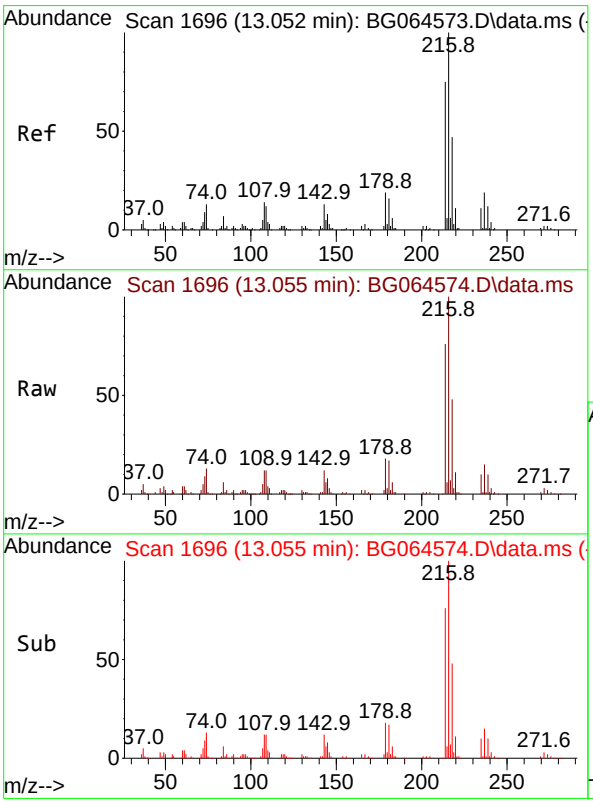
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.841 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion:164 Resp: 134994

Ion	Ratio	Lower	Upper
164	100		
162	102.5	77.0	115.6
160	43.9	34.4	51.6

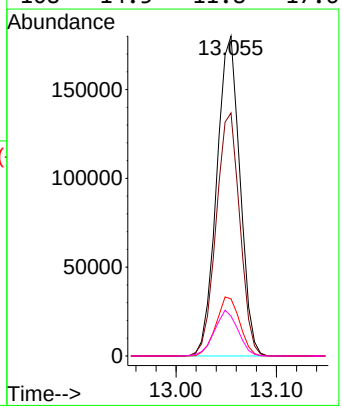


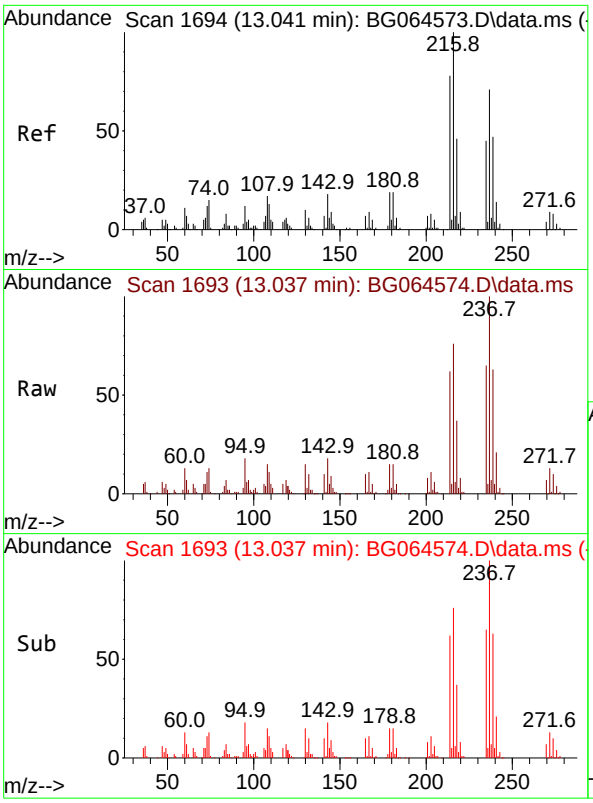


#40
1,2,4,5-Tetrachlorobenzene
Concen: 64.049 ng
RT: 13.055 min Scan# 1696
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:216 Resp: 290173

Ion	Ratio	Lower	Upper
216	100		
214	77.0	61.4	92.2
179	18.8	15.4	23.0
108	14.5	11.8	17.6



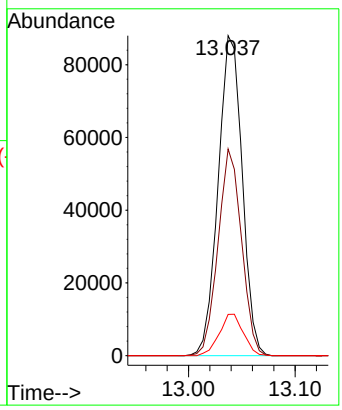


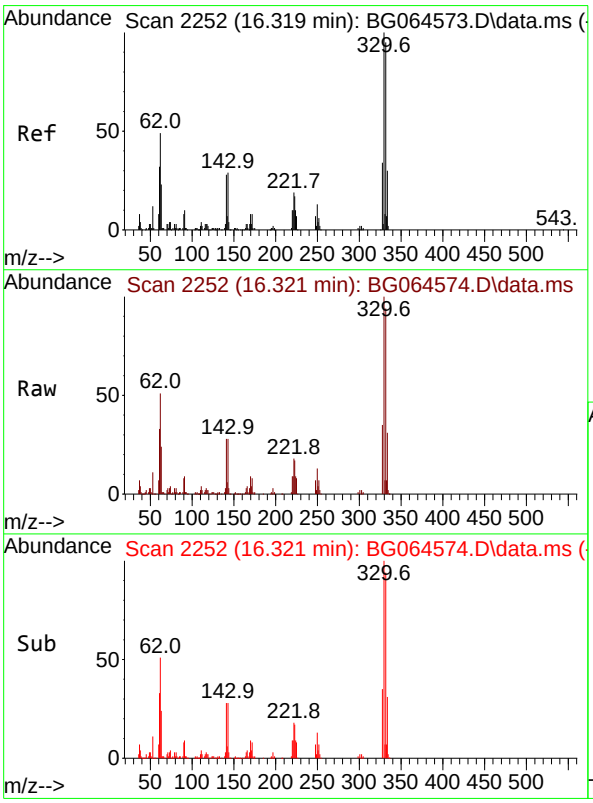
#41
Hexachlorocyclopentadiene
Concen: 67.540 ng
RT: 13.037 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion:237 Resp: 137727

Ion	Ratio	Lower	Upper
237	100		
235	64.6	44.1	84.1
272	12.9	0.0	32.4

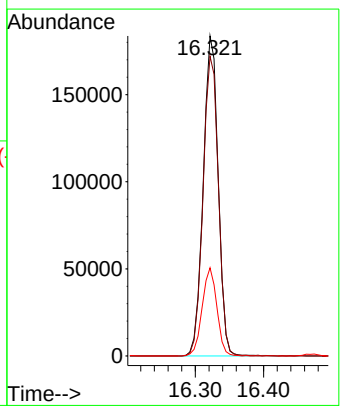


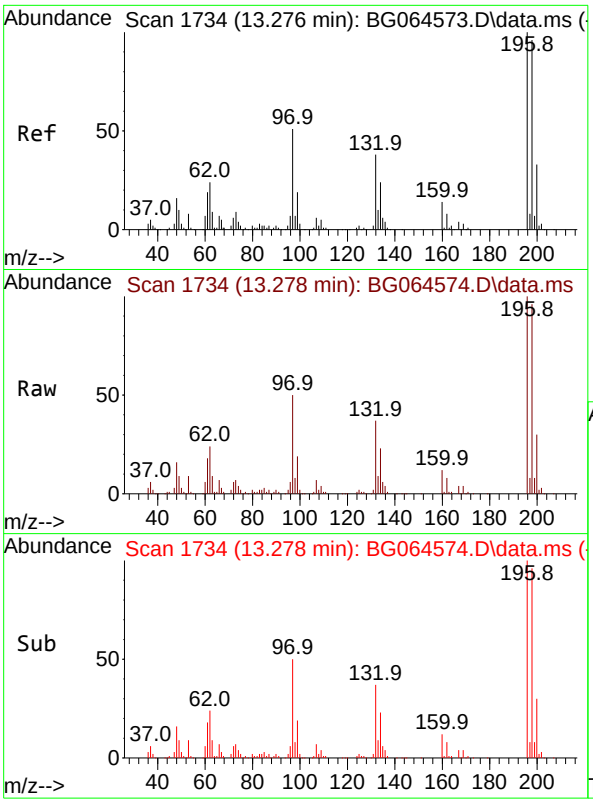


#42
2,4,6-Tribromophenol
Concen: 143.807 ng
RT: 16.321 min Scan# 2252
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:330 Resp: 280190

Ion	Ratio	Lower	Upper
330	100		
332	95.9	78.0	117.0
141	27.0	21.8	32.6



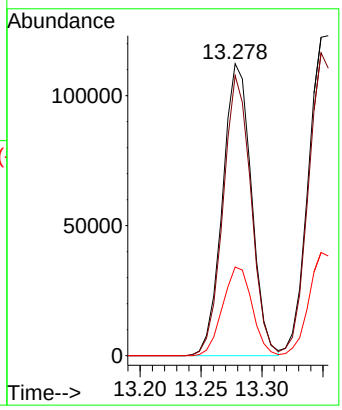


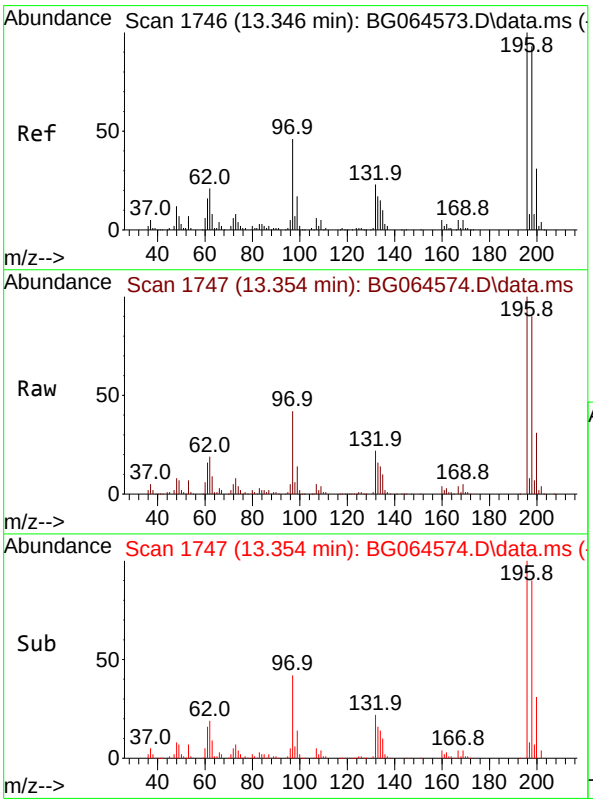
#43
2,4,6-Trichlorophenol
Concen: 71.299 ng
RT: 13.278 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion:196 Resp: 184771

Ion	Ratio	Lower	Upper
196	100		
198	95.9	76.6	115.0
200	30.4	26.0	39.0

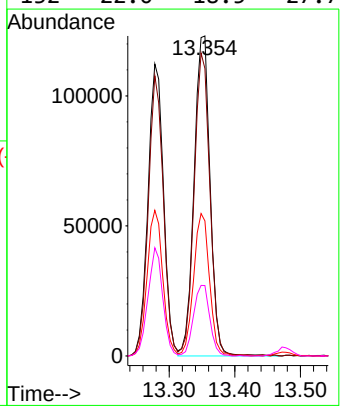


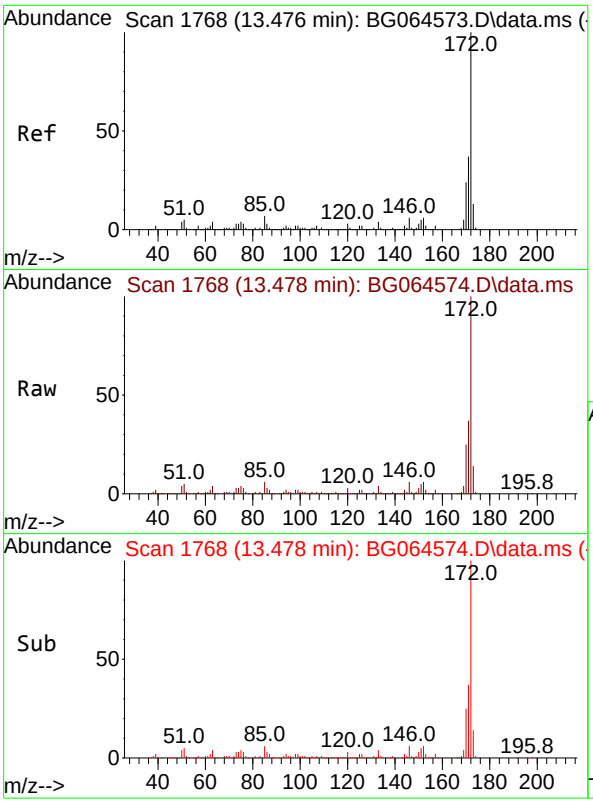


#44
2,4,5-Trichlorophenol
Concen: 69.994 ng
RT: 13.354 min Scan# 1747
Delta R.T. 0.008 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:196 Resp: 209320

Ion	Ratio	Lower	Upper
196	100		
198	89.8	74.2	111.4
97	42.2	37.0	55.6
132	22.0	18.5	27.7



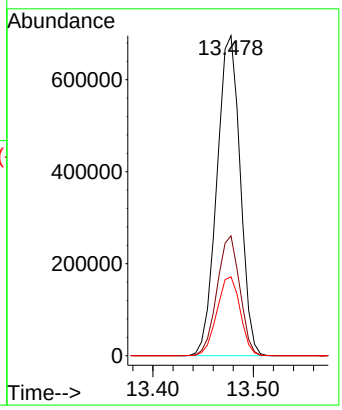


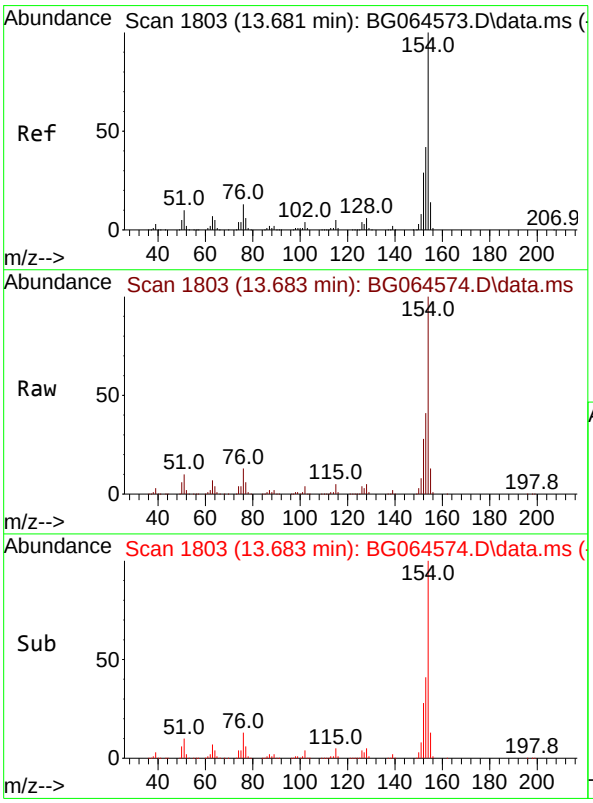
#45
2-Fluorobiphenyl
Concen: 125.867 ng
RT: 13.478 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion:172 Resp: 1120989

Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.4	44.0
170	24.6	19.1	28.7

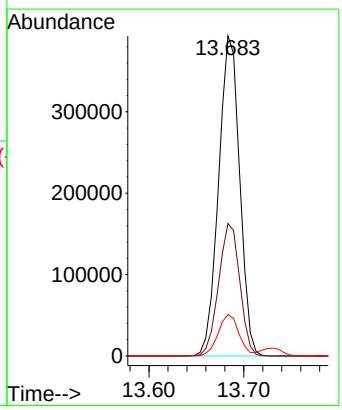


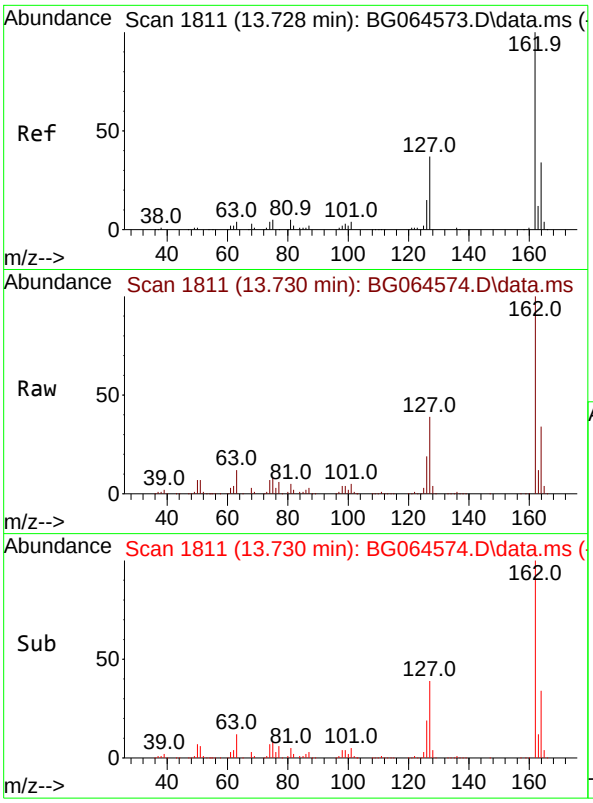


#46
1,1'-Biphenyl
Concen: 63.233 ng
RT: 13.683 min Scan# 1803
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:154 Resp: 606860

Ion	Ratio	Lower	Upper
154	100		
153	41.4	22.4	62.4
76	12.9	0.0	33.5



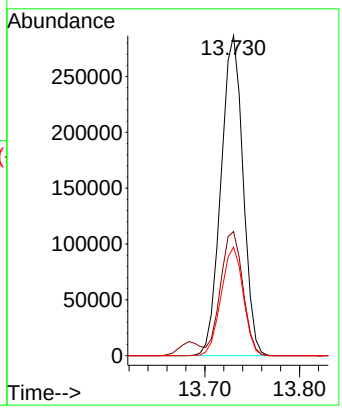


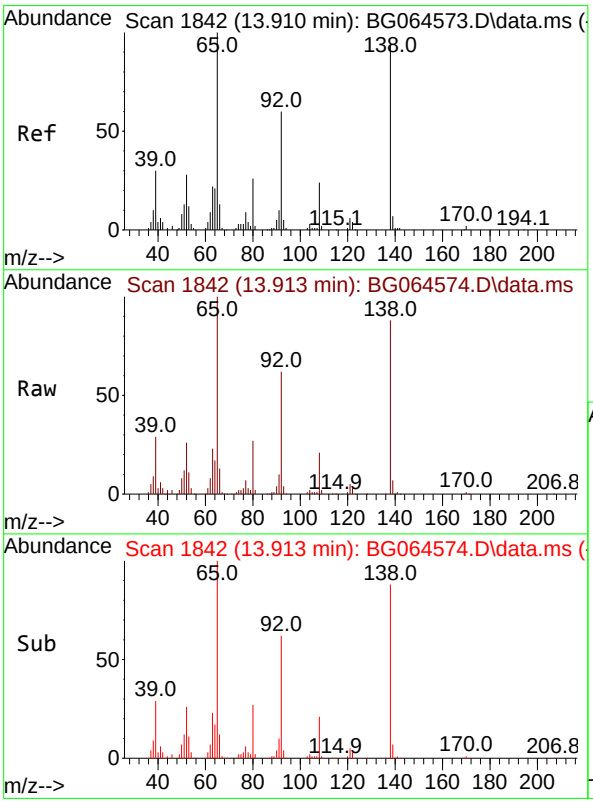
#47
2-Chloronaphthalene
Concen: 64.022 ng
RT: 13.730 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 463792

Ion	Ratio	Lower	Upper
162	100		
127	38.8	32.2	48.2
164	34.0	27.5	41.3

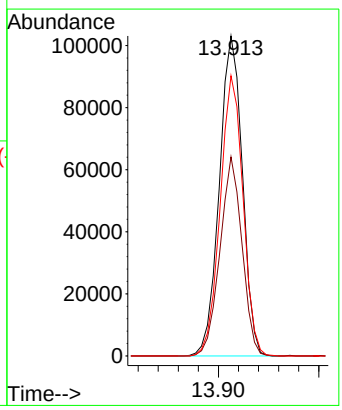


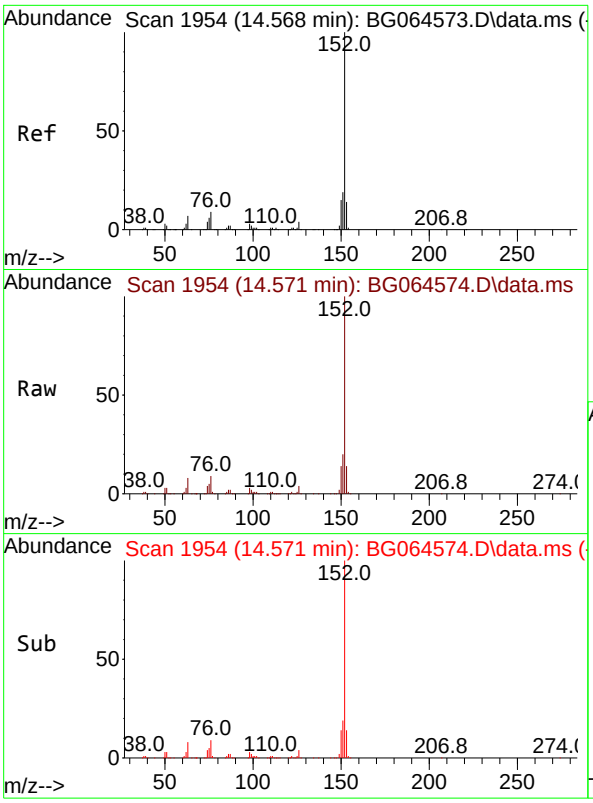


#48
2-Nitroaniline
Concen: 66.052 ng
RT: 13.913 min Scan# 1842
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion: 65 Resp: 163796

Ion	Ratio	Lower	Upper
65	100		
92	62.2	48.3	72.5
138	87.6	74.9	112.3



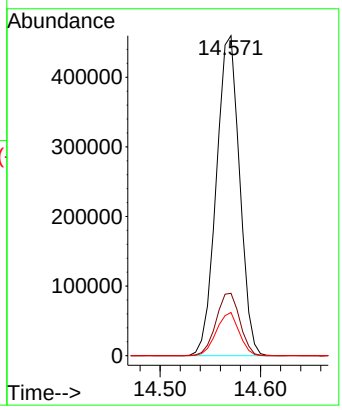


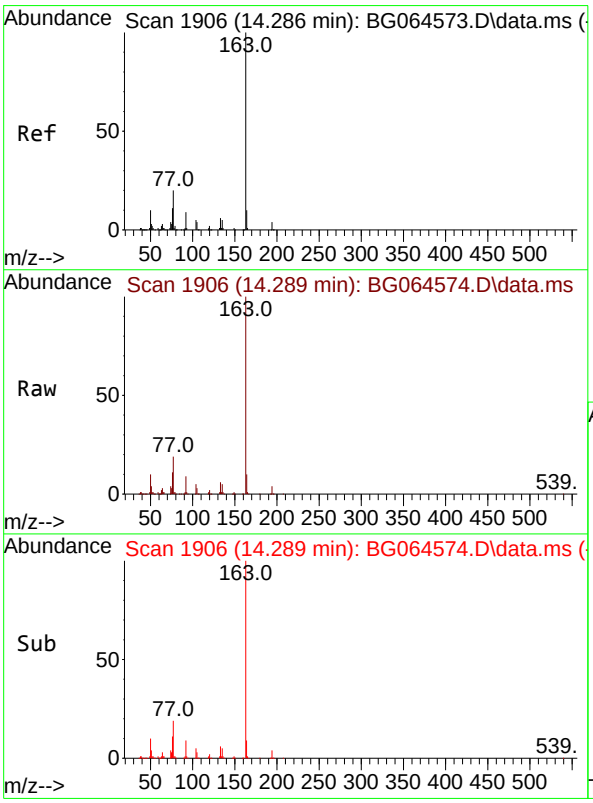
#49
Acenaphthylene
Concen: 64.738 ng
RT: 14.571 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 739728

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.2
153	13.5	11.0	16.4

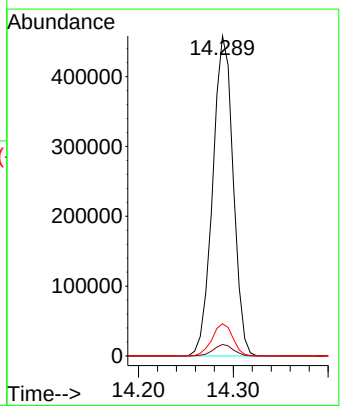


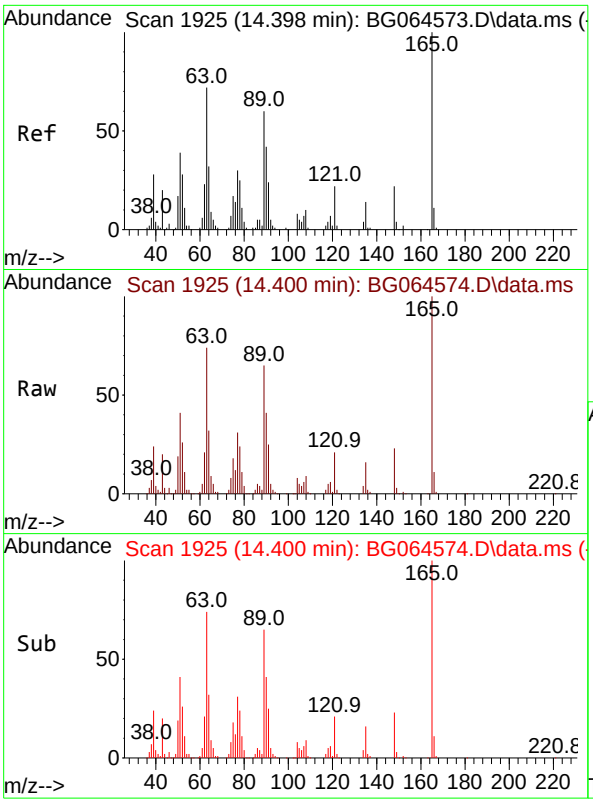


#50
Dimethylphthalate
Concen: 66.616 ng
RT: 14.289 min Scan# 1906
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:163 Resp: 688128

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.8	4.2
164	10.1	7.7	11.5



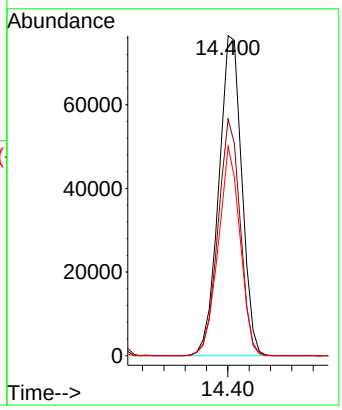


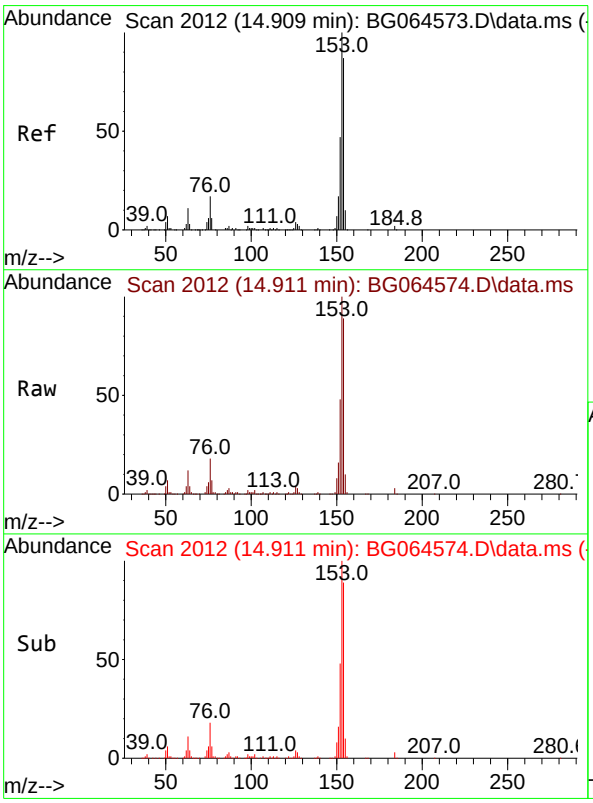
#51
2,6-Dinitrotoluene
Concen: 65.951 ng
RT: 14.400 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 114588

Ion	Ratio	Lower	Upper
165	100		
63	73.9	57.4	86.0
89	65.4	47.8	71.8

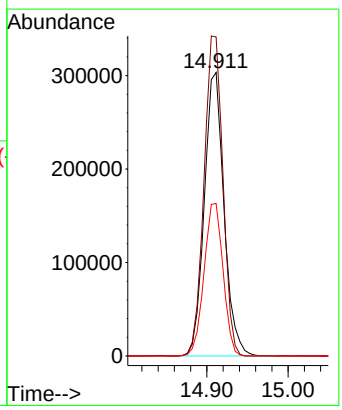


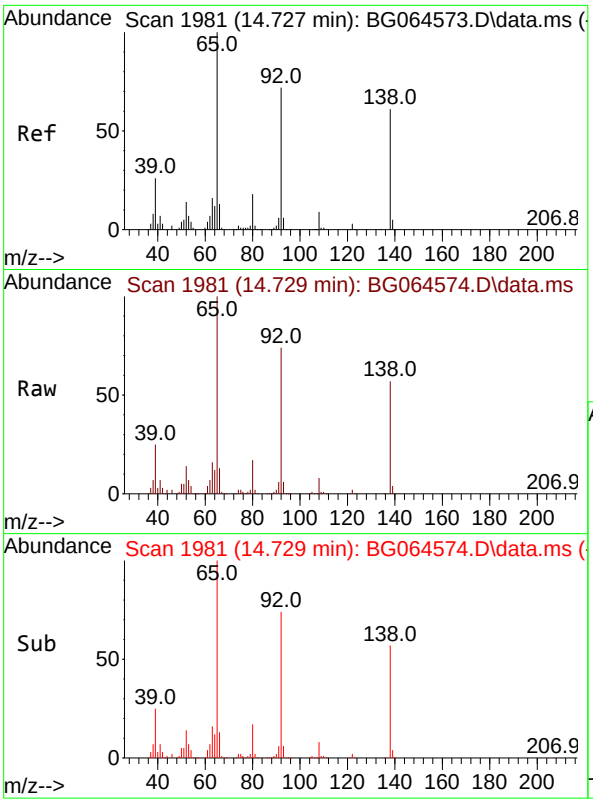


#52
Acenaphthene
Concen: 65.392 ng
RT: 14.911 min Scan# 2012
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:154 Resp: 510499

Ion	Ratio	Lower	Upper
154	100		
153	112.5	92.2	138.4
152	53.8	43.2	64.8



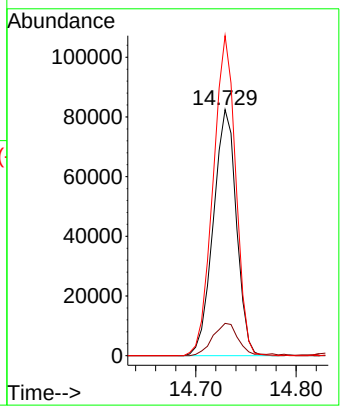


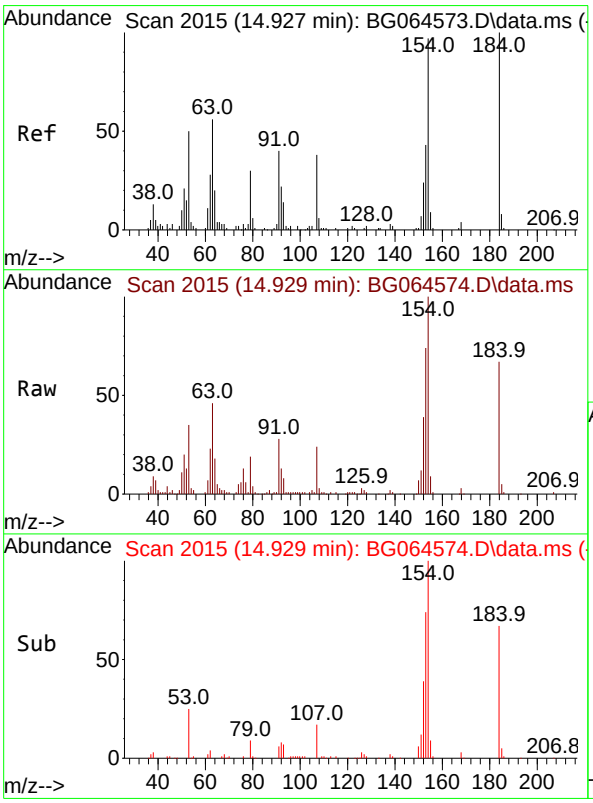
#53
3-Nitroaniline
Concen: 74.231 ng
RT: 14.729 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion:138 Resp: 131776

Ion	Ratio	Lower	Upper
138	100		
108	13.1	11.4	17.0
92	130.0	95.3	142.9

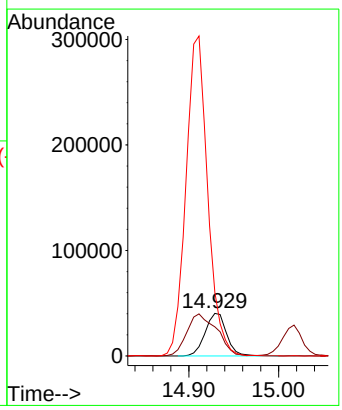


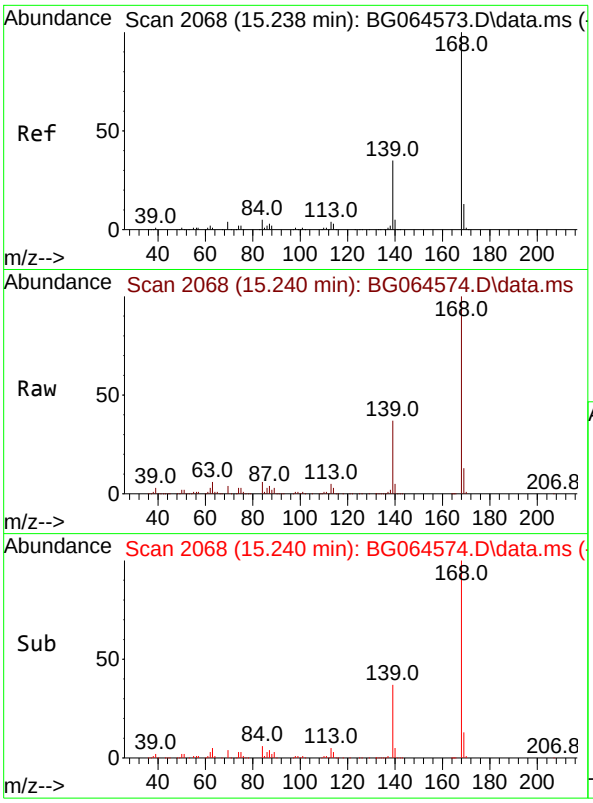


#54
2,4-Dinitrophenol
Concen: 65.082 ng
RT: 14.929 min Scan# 2015
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:184 Resp: 66900

Ion	Ratio	Lower	Upper
184	100		
63	68.5	56.6	85.0
154	149.4	158.6	238.0#



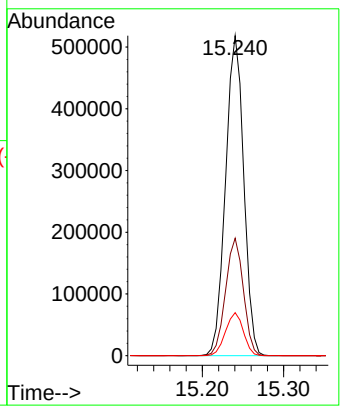


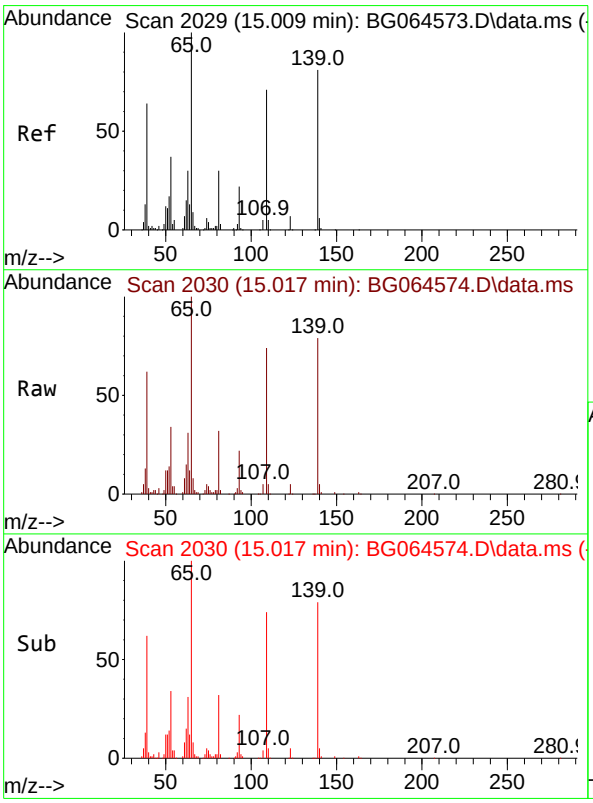
#55
Dibenzofuran
Concen: 63.779 ng
RT: 15.240 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion:168 Resp: 804964

Ion	Ratio	Lower	Upper
168	100		
139	36.7	27.8	41.8
169	13.4	10.3	15.5

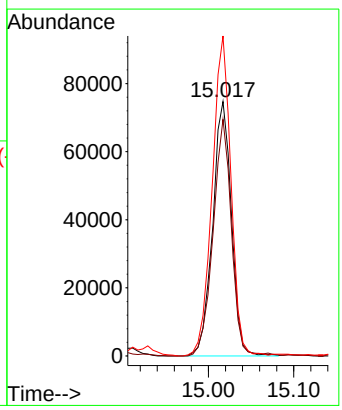


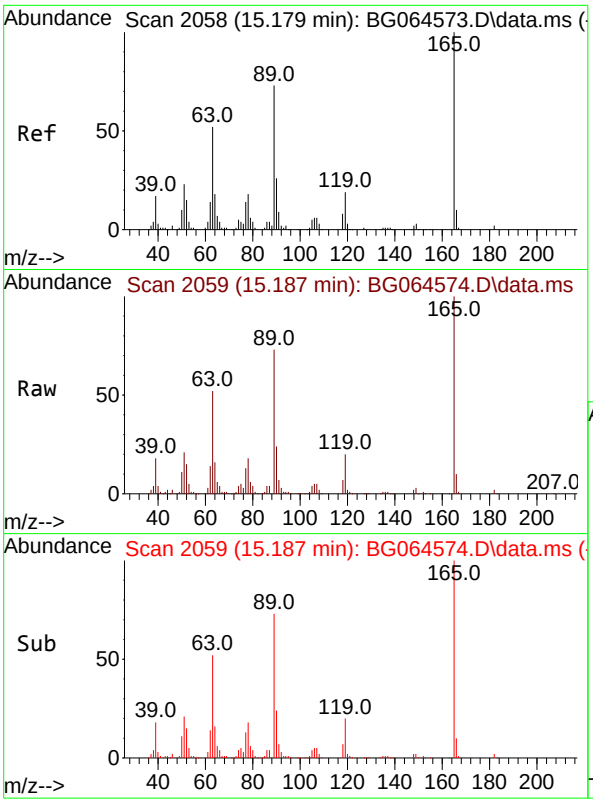


#56
4-Nitrophenol
Concen: 69.512 ng
RT: 15.017 min Scan# 2030
Delta R.T. 0.008 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:139 Resp: 114408

Ion	Ratio	Lower	Upper
139	100		
109	93.0	67.8	107.8
65	125.8	103.7	143.7



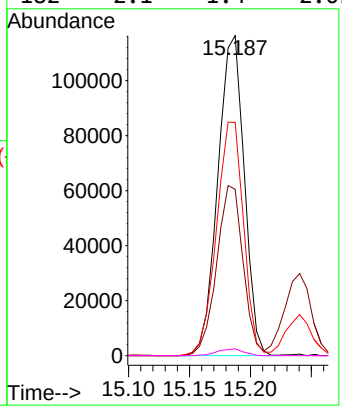


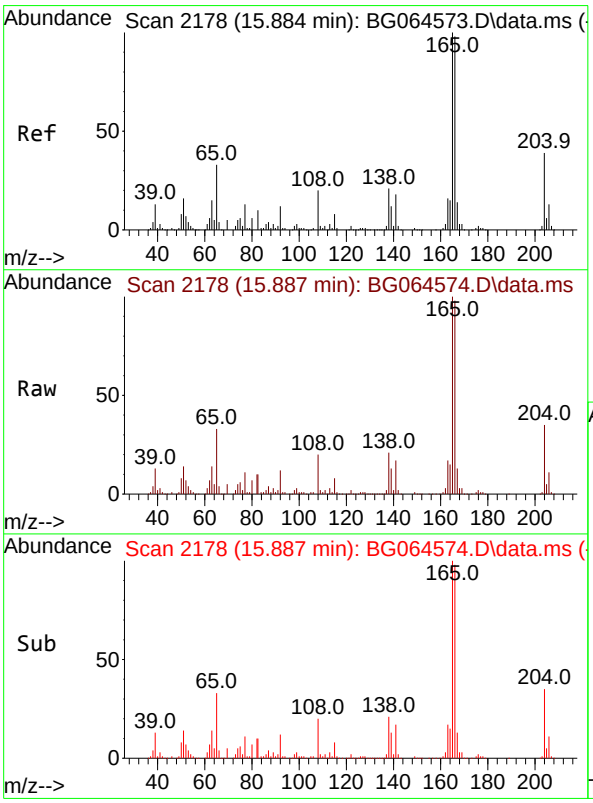
#57
2,4-Dinitrotoluene
Concen: 65.522 ng
RT: 15.187 min Scan# 2
Delta R.T. 0.008 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 175802

Ion	Ratio	Lower	Upper
165	100		
63	52.0	41.8	62.8
89	72.9	58.1	87.1
182	2.1	1.4	2.0#

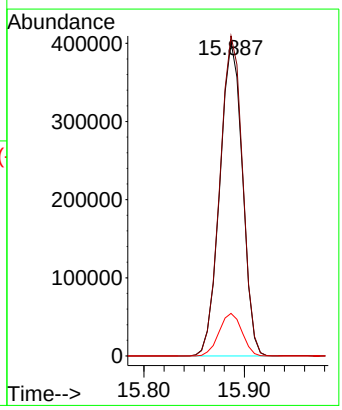


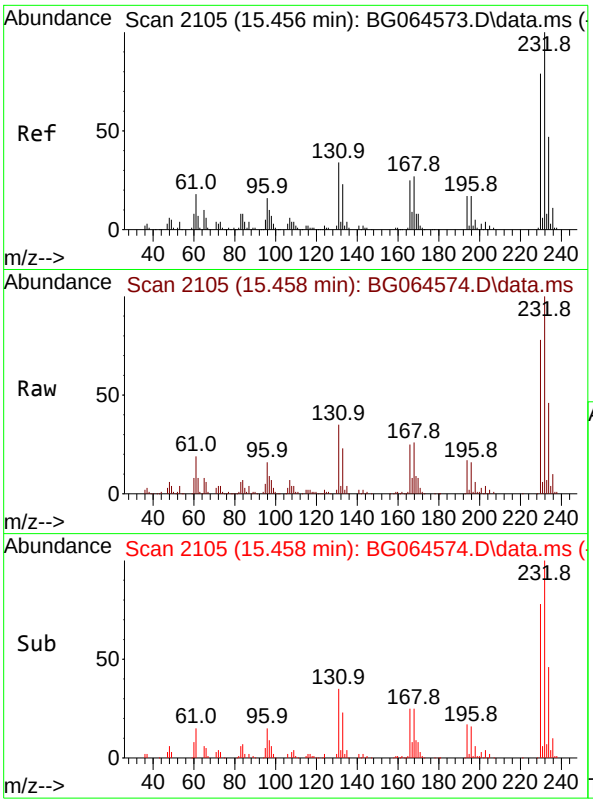


#58
Fluorene
Concen: 63.656 ng
RT: 15.887 min Scan# 2178
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:166 Resp: 627437

Ion	Ratio	Lower	Upper
166	100		
165	101.8	81.5	122.3
167	13.5	11.4	17.0



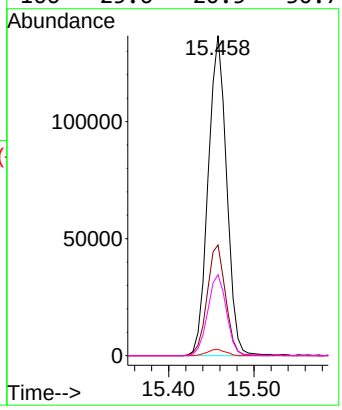


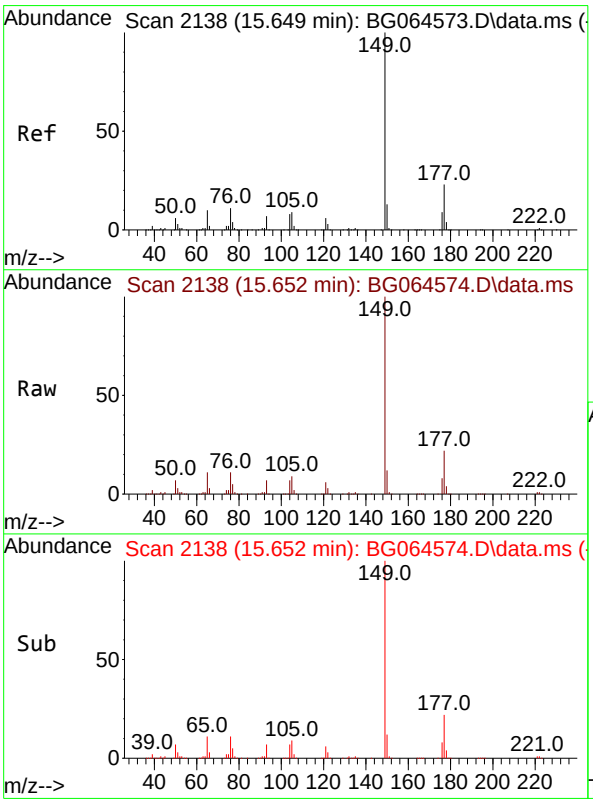
#59
2,3,4,6-Tetrachlorophenol
Concen: 71.870 ng
RT: 15.458 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion:232 Resp: 205529

Ion	Ratio	Lower	Upper
232	100		
131	34.7	26.7	40.1
130	2.0	1.6	2.4
166	25.6	20.5	30.7

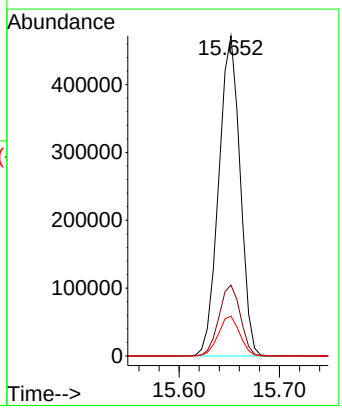


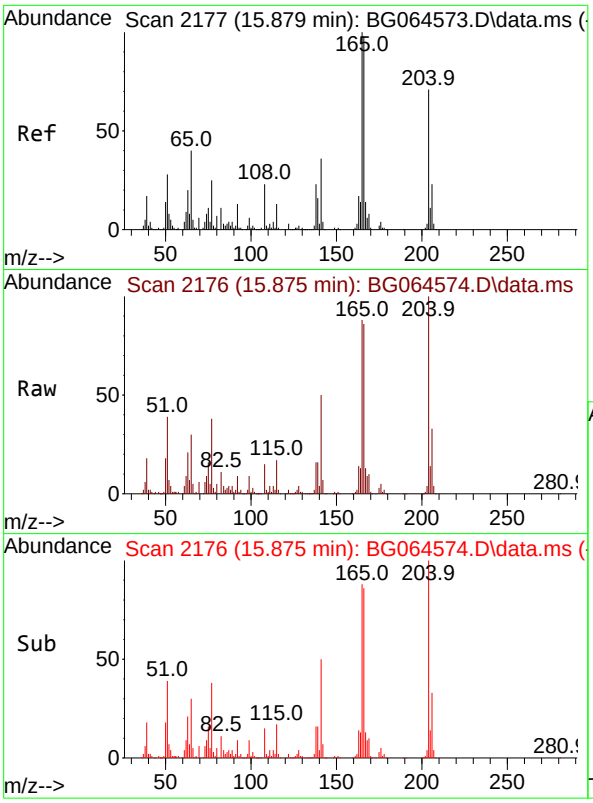


#60
Diethylphthalate
Concen: 65.982 ng
RT: 15.652 min Scan# 2138
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:149 Resp: 695924

Ion	Ratio	Lower	Upper
149	100		
177	22.2	18.0	27.0
150	12.4	10.2	15.4



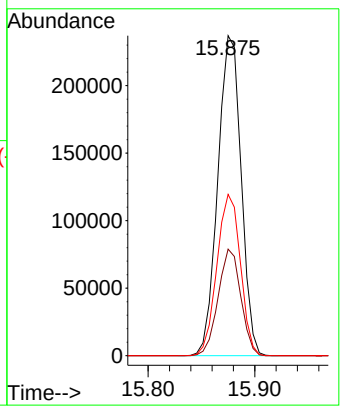


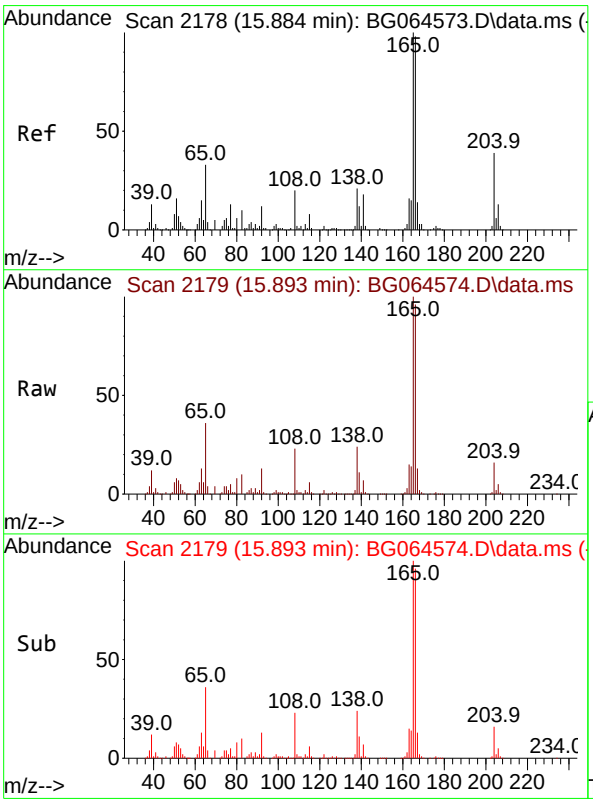
#61
4-Chlorophenyl-phenylether
Concen: 65.038 ng
RT: 15.875 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion:204 Resp: 359759

Ion	Ratio	Lower	Upper
204	100		
206	33.3	25.6	38.4
141	50.4	40.6	60.8

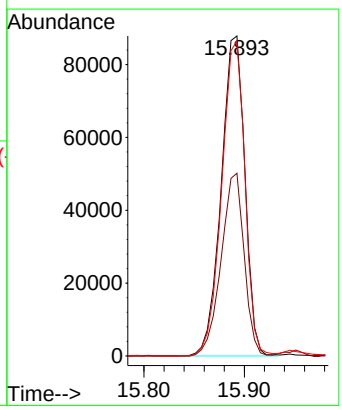


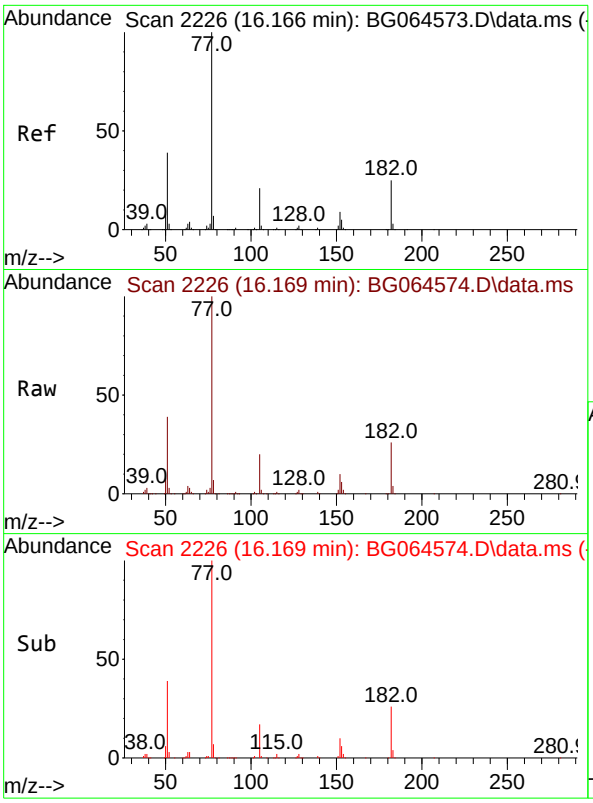


#62
4-Nitroaniline
Concen: 72.832 ng
RT: 15.893 min Scan# 2179
Delta R.T. 0.008 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:138 Resp: 143839

Ion	Ratio	Lower	Upper
138	100		
92	57.1	36.1	76.1
108	98.4	75.6	115.6



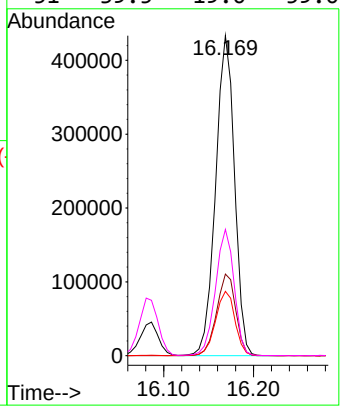


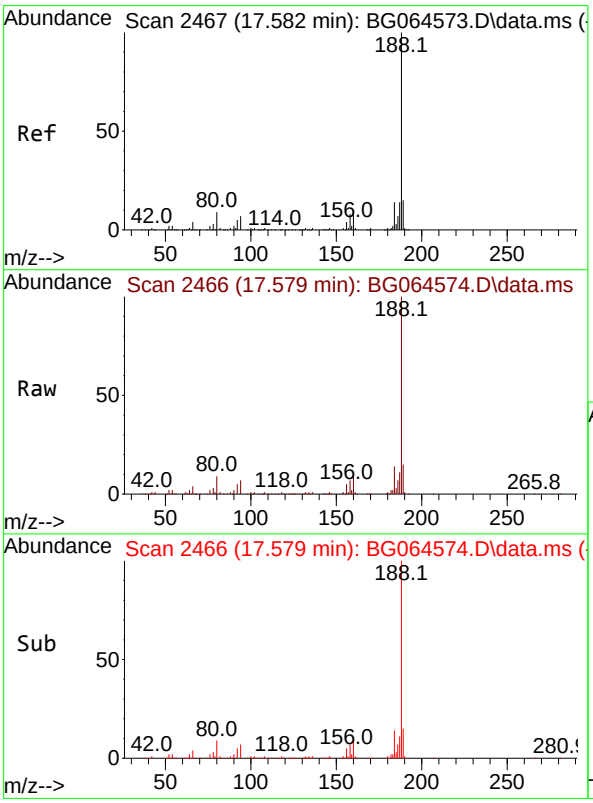
#63
Azobenzene
Concen: 65.464 ng
RT: 16.169 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 633520

Ion	Ratio	Lower	Upper
77	100		
182	25.5	4.9	44.9
105	20.1	1.3	41.3
51	39.5	19.0	59.0

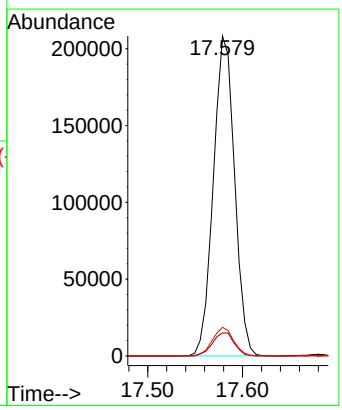


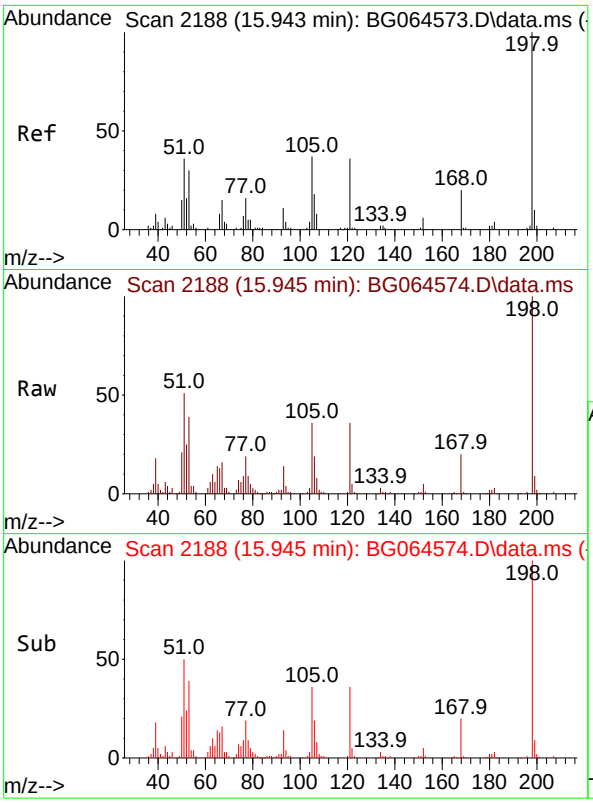


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.579 min Scan# 2466
Delta R.T. -0.004 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:188 Resp: 324385

Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.7	8.5
80	9.0	6.8	10.2



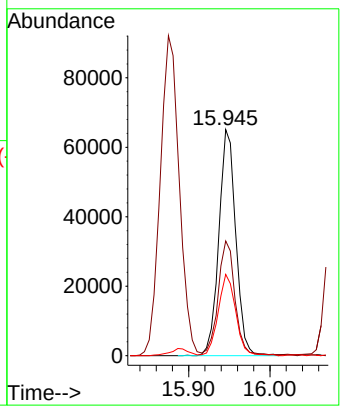


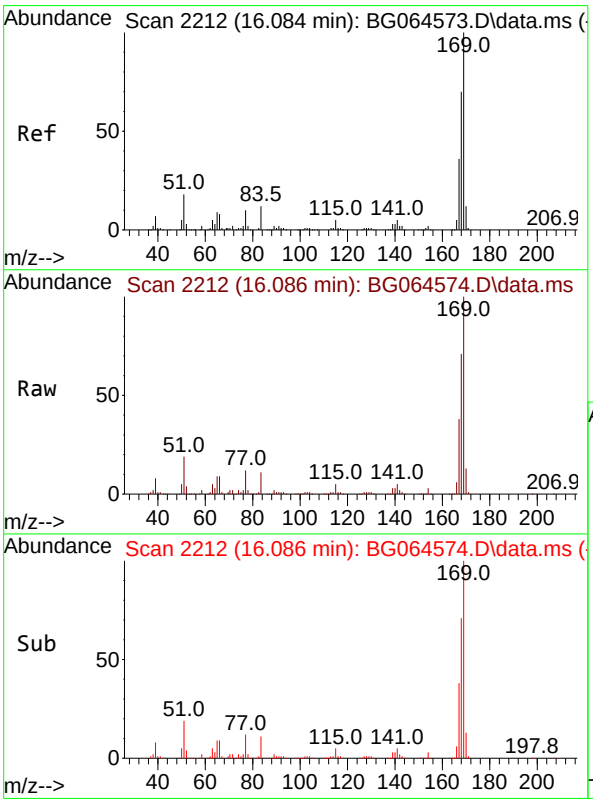
#65
4,6-Dinitro-2-methylphenol
Concen: 64.046 ng
RT: 15.945 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion:198 Resp: 94338

Ion	Ratio	Lower	Upper
198	100		
51	50.7	24.7	64.7
105	36.0	18.0	58.0

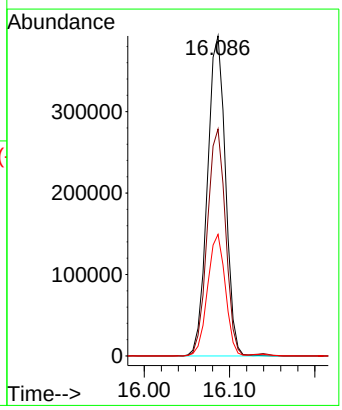


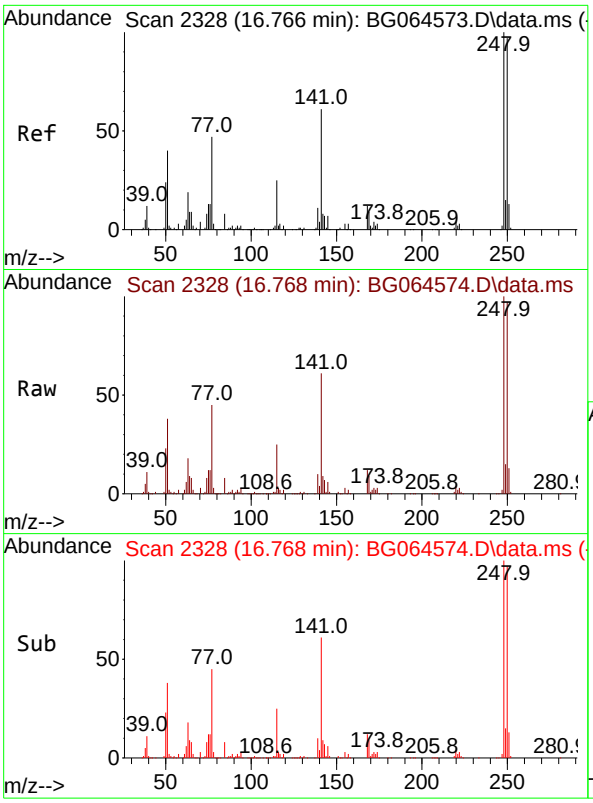


#66
n-Nitrosodiphenylamine
Concen: 65.944 ng
RT: 16.086 min Scan# 2212
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:169 Resp: 577835

Ion	Ratio	Lower	Upper
169	100		
168	70.9	56.3	84.5
167	38.0	29.0	43.6



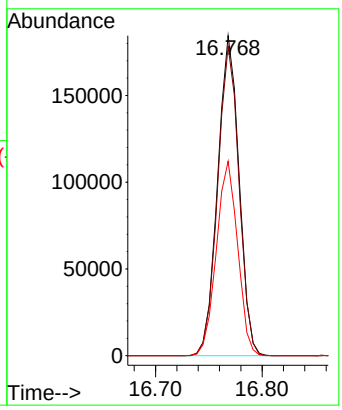


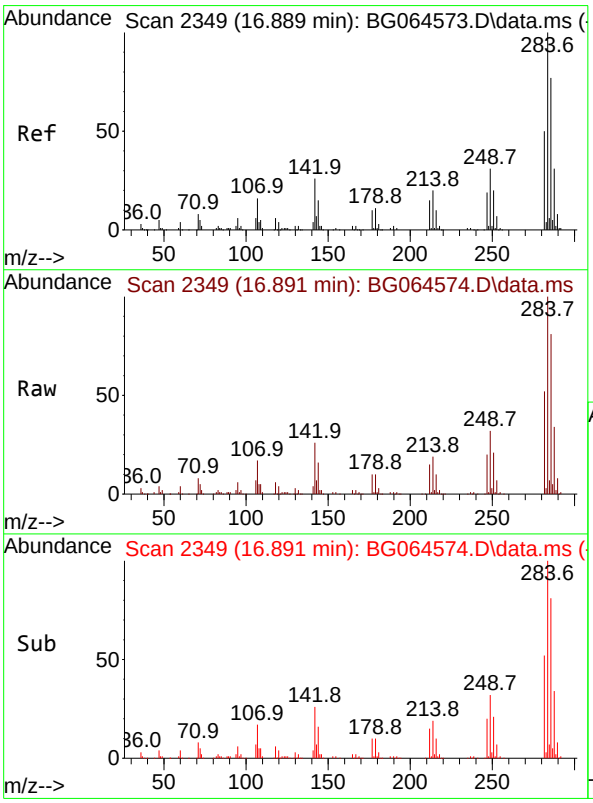
#67
4-Bromophenyl-phenylether
Concen: 66.740 ng
RT: 16.768 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion:248 Resp: 256556

Ion	Ratio	Lower	Upper
248	100		
250	96.6	77.7	116.5
141	60.8	48.6	72.8

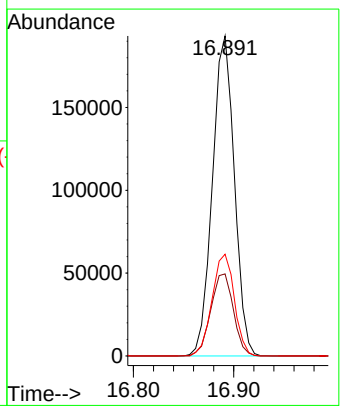


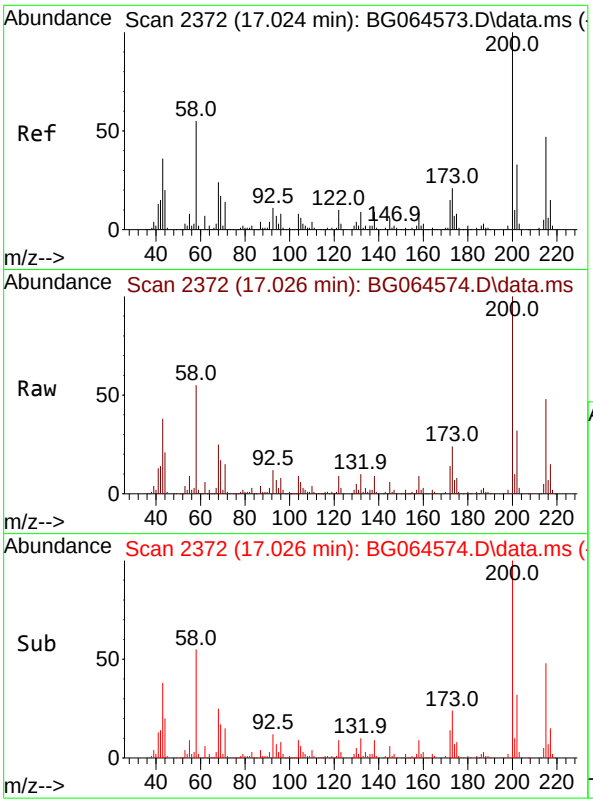


#68
Hexachlorobenzene
Concen: 67.001 ng
RT: 16.891 min Scan# 2349
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:284 Resp: 293831

Ion	Ratio	Lower	Upper
284	100		
142	25.6	21.0	31.6
249	34.5	24.9	37.3



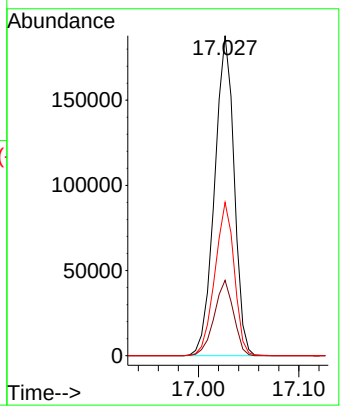


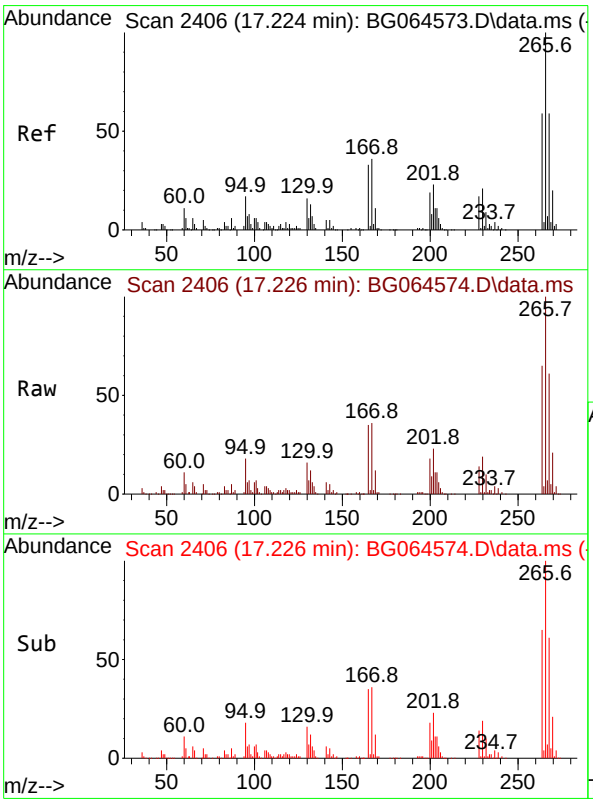
#69
Atrazine
Concen: 67.378 ng
RT: 17.026 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion:200 Resp: 254070

Ion	Ratio	Lower	Upper
200	100		
173	23.6	0.9	40.9
215	47.9	27.0	67.0

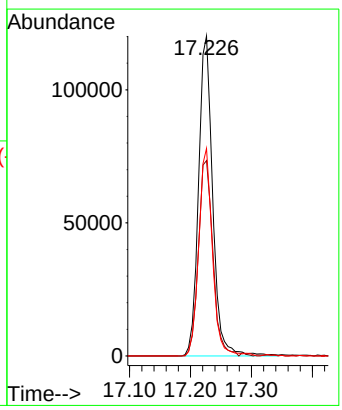


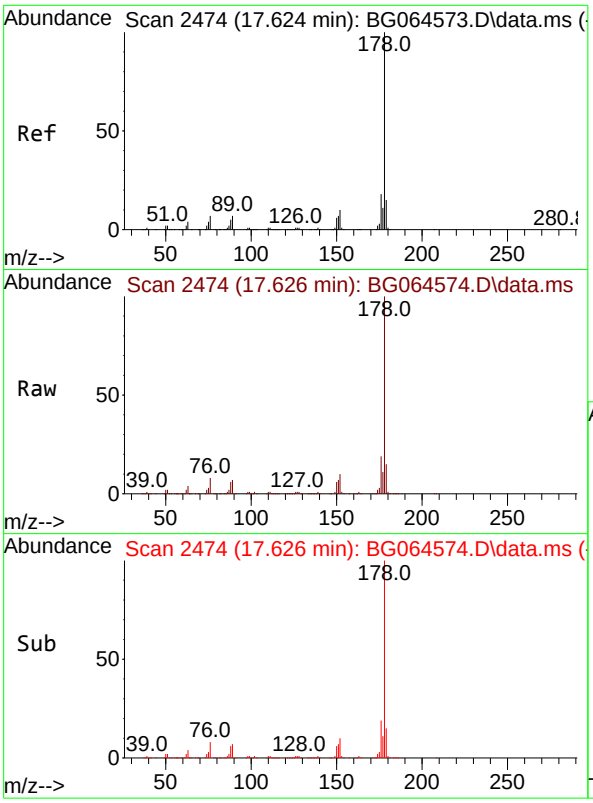


#70
Pentachlorophenol
Concen: 70.923 ng
RT: 17.226 min Scan# 2406
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:266 Resp: 193954

Ion	Ratio	Lower	Upper
266	100		
268	66.0	50.3	75.5
264	69.3	47.3	70.9



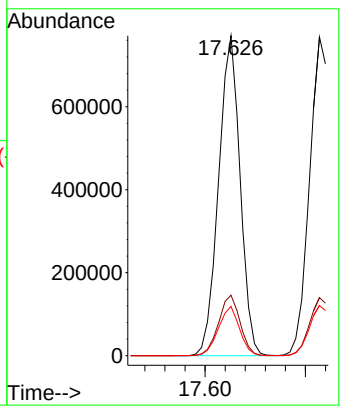


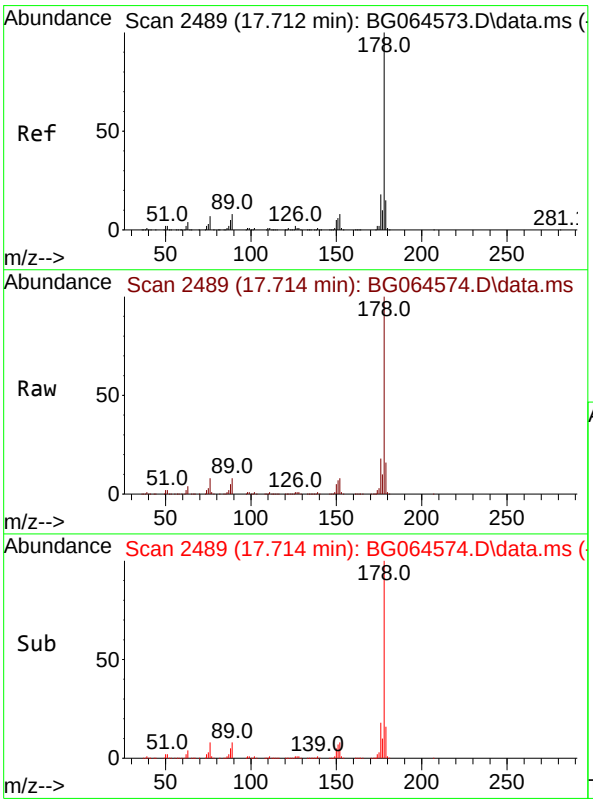
#71
Phenanthrene
Concen: 64.676 ng
RT: 17.626 min Scan# 24
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion:178 Resp: 1147317

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.7	22.1
179	15.4	12.2	18.4

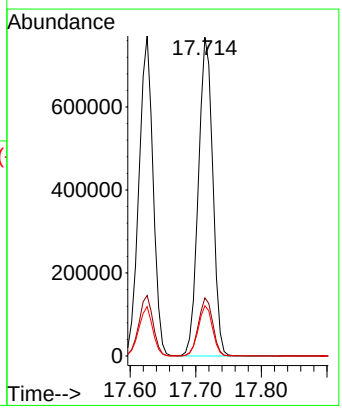


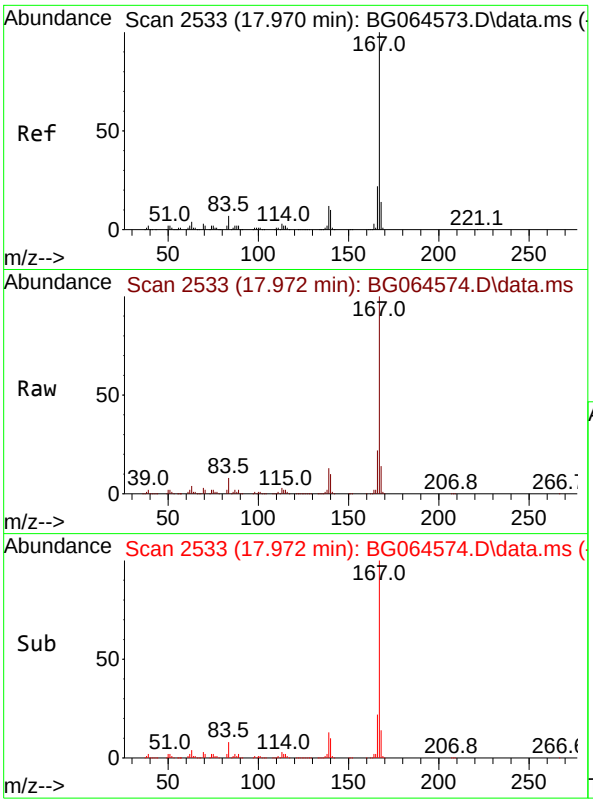


#72
Anthracene
Concen: 64.905 ng
RT: 17.714 min Scan# 2489
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:178 Resp: 1171223

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.4	21.6
179	15.8	12.4	18.6



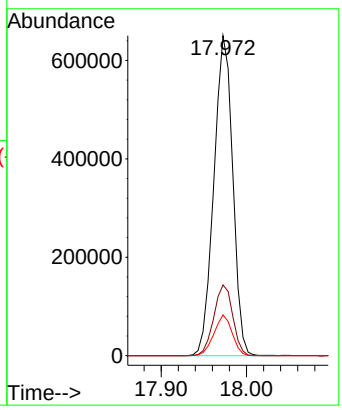


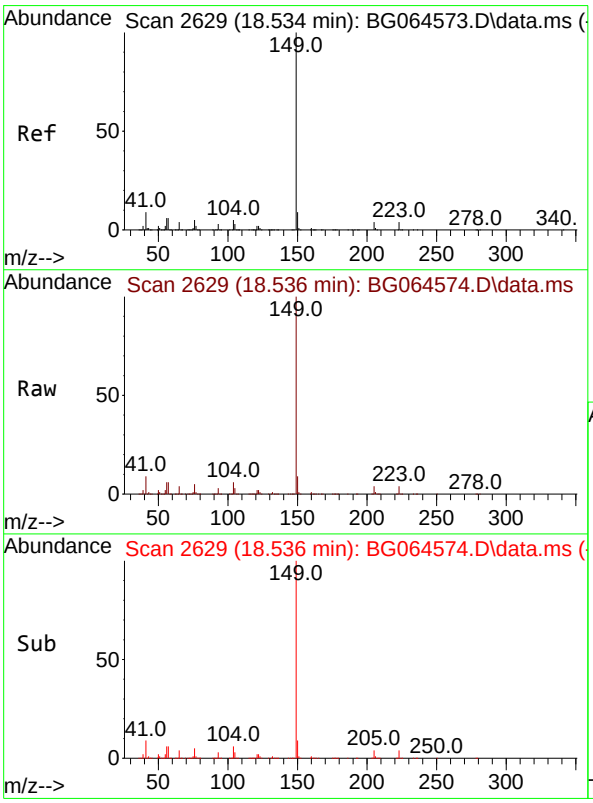
#73
Carbazole
Concen: 62.887 ng
RT: 17.972 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion:167 Resp: 1000680

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.9	26.9
139	12.7	9.7	14.5

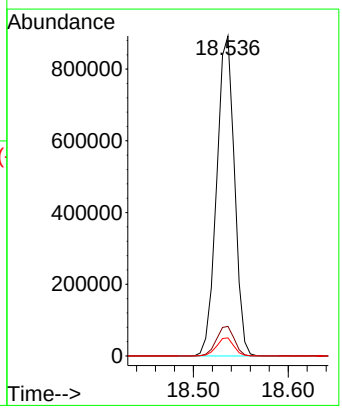


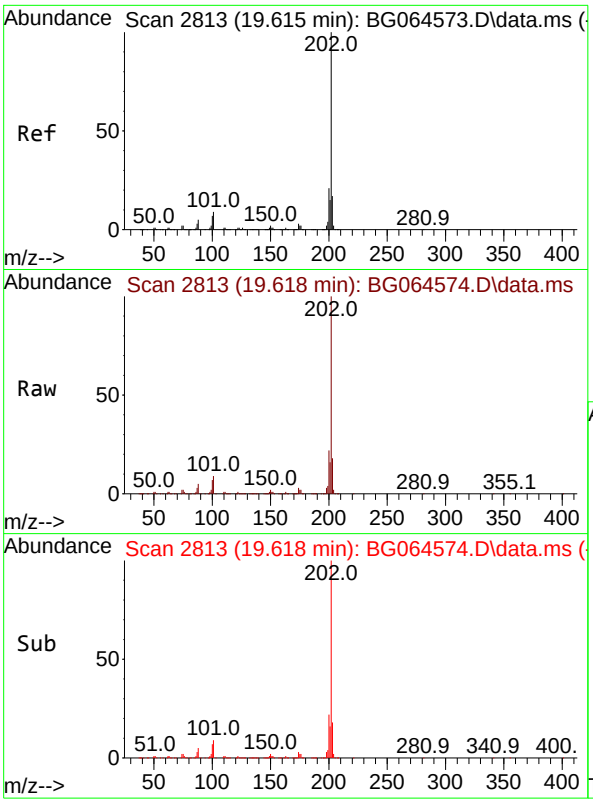


#74
Di-n-butylphthalate
Concen: 63.334 ng
RT: 18.536 min Scan# 2629
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:149 Resp: 1165396

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.0	10.6
104	5.6	4.1	6.1



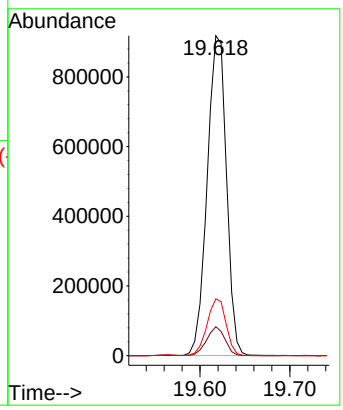


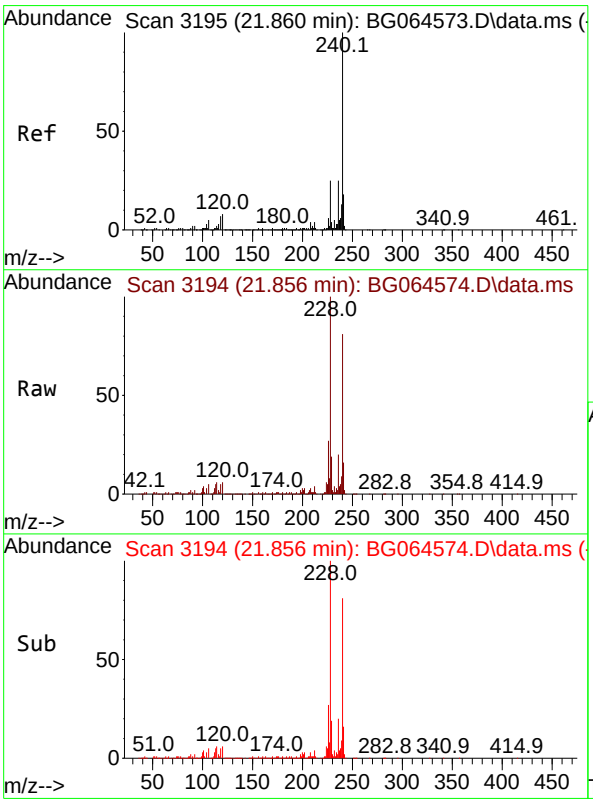
#75
Fluoranthene
Concen: 61.419 ng
RT: 19.618 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion:202 Resp: 1364891

Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	28.7
203	17.8	0.0	37.0

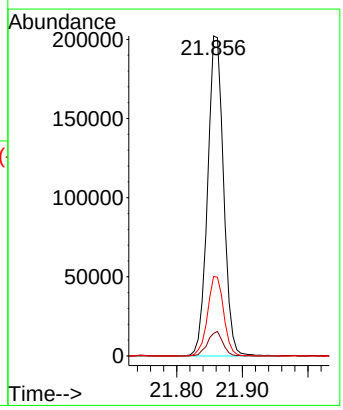


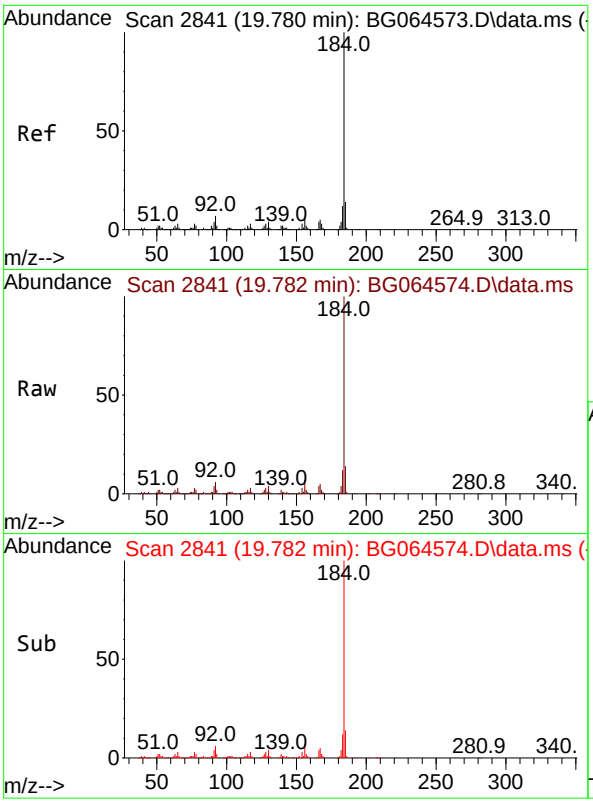


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.856 min Scan# 3194
Delta R.T. -0.004 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:240 Resp: 340896

Ion	Ratio	Lower	Upper
240	100		
120	7.1	6.5	9.7
236	24.9	20.2	30.2



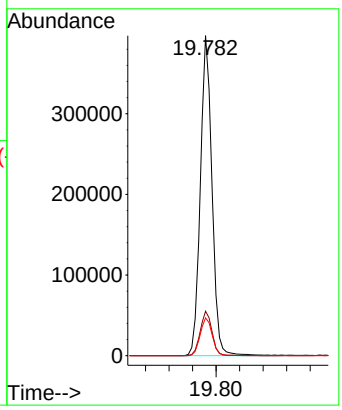


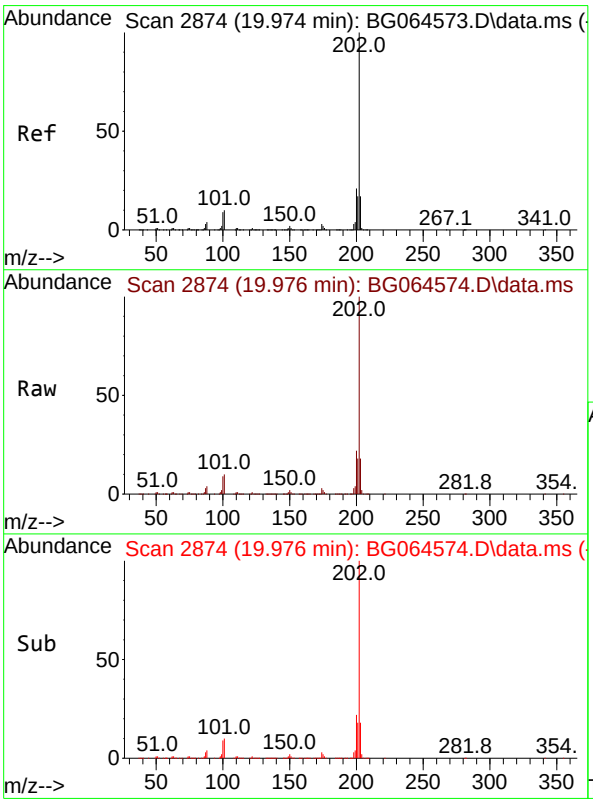
#77
Benzidine
Concen: 71.348 ng
RT: 19.782 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion:184 Resp: 544918

Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.4	17.2
183	11.8	9.4	14.2

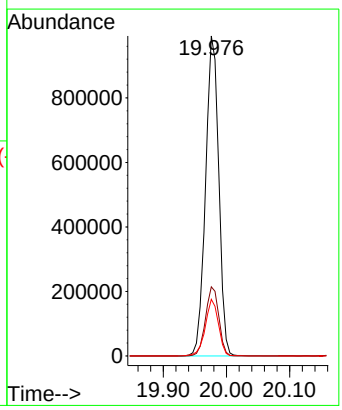


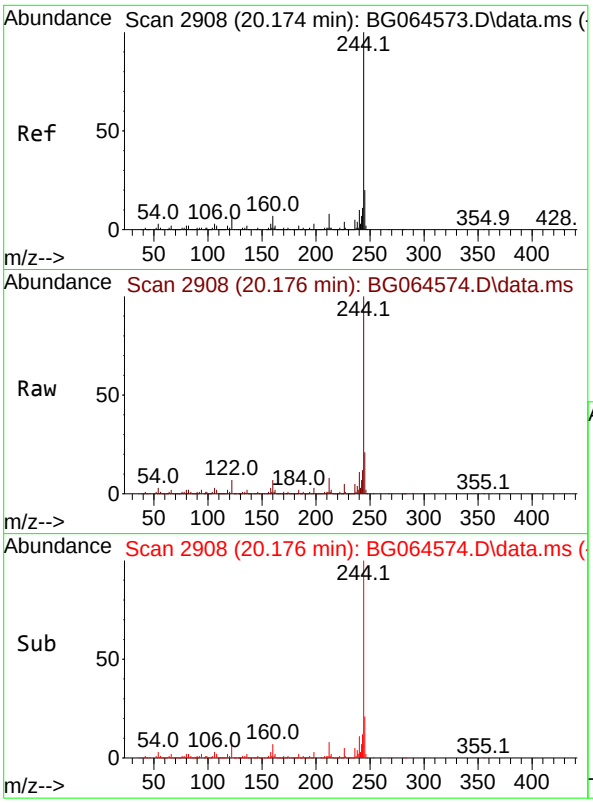


#78
Pyrene
Concen: 64.549 ng
RT: 19.976 min Scan# 2874
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:202 Resp: 1437669

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.0	25.4
203	17.7	13.8	20.6



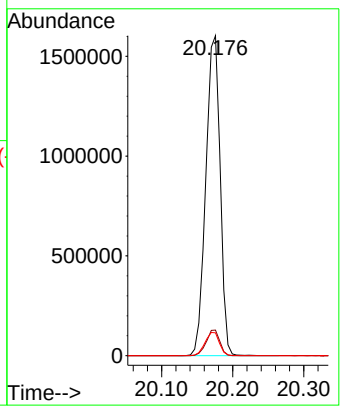


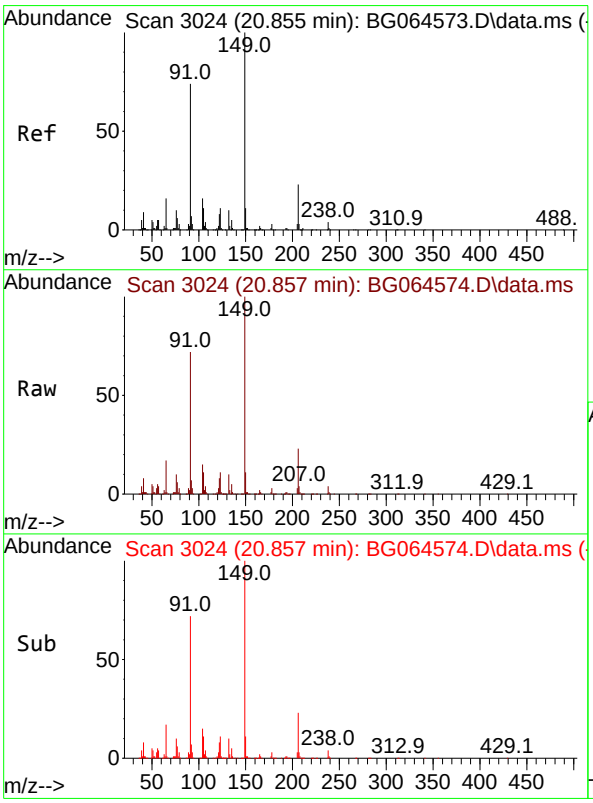
#79
Terphenyl-d14
Concen: 124.763 ng
RT: 20.176 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion:244 Resp: 2253704

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.1	9.1
122	7.1	5.6	8.4

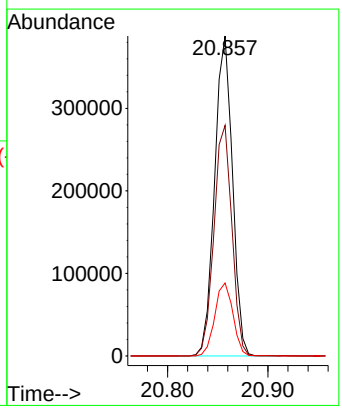


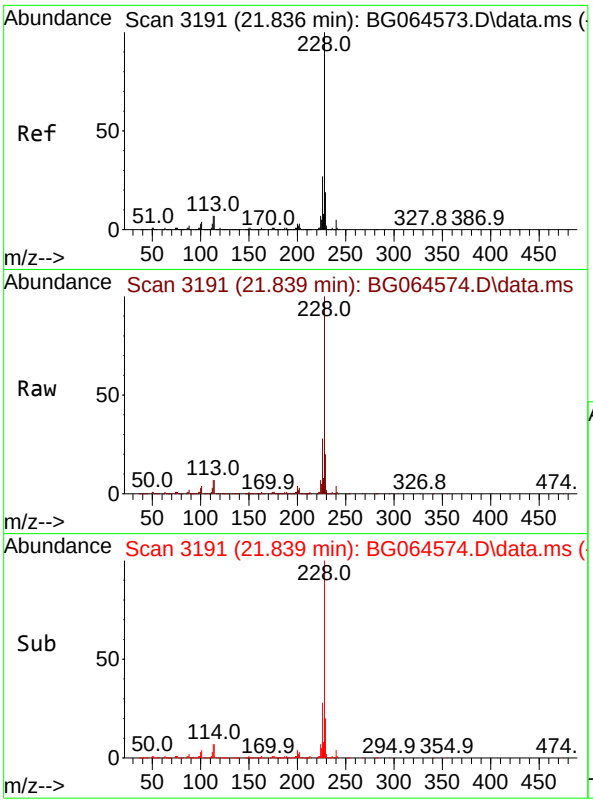


#80
Butylbenzylphthalate
Concen: 70.914 ng
RT: 20.857 min Scan# 3024
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:149 Resp: 477358

Ion	Ratio	Lower	Upper
149	100		
91	72.0	59.2	88.8
206	22.8	18.1	27.1



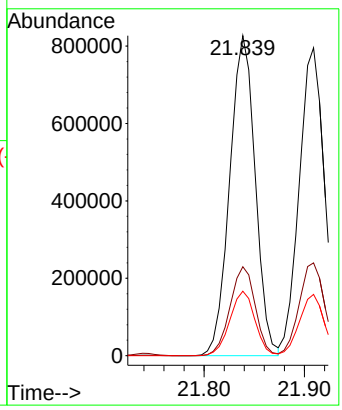


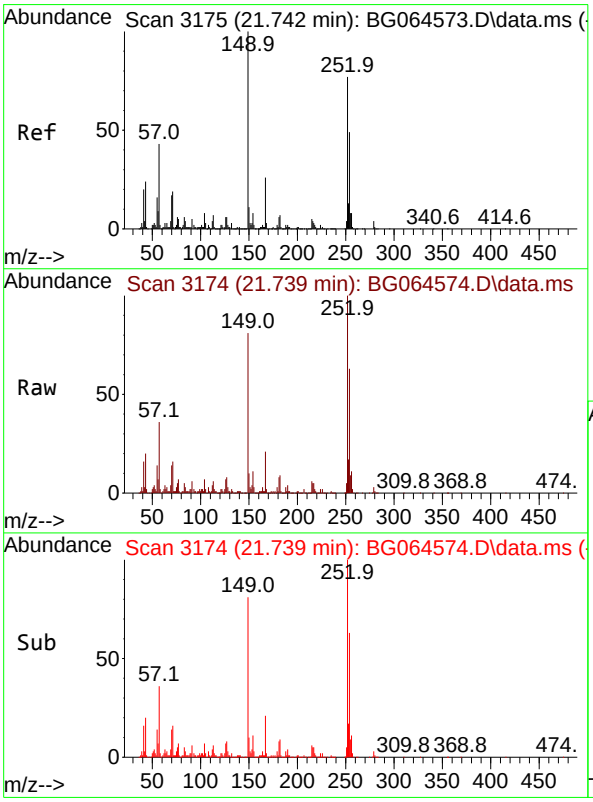
#81
Benzo(a)anthracene
Concen: 64.702 ng
RT: 21.839 min Scan# 3
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 1462488

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.9	32.9
229	20.2	15.6	23.4

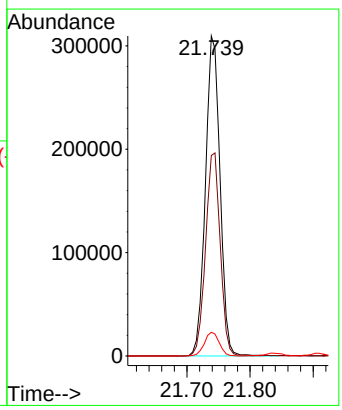


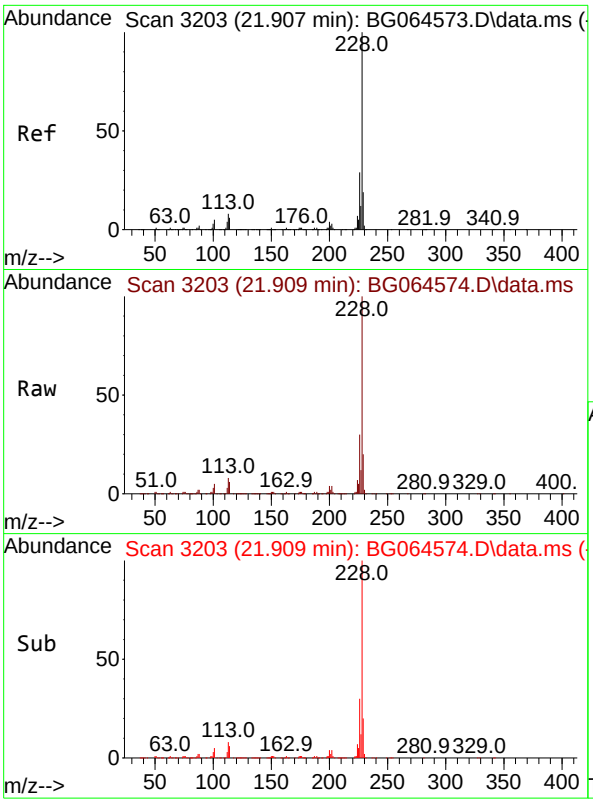


#82
3,3'-Dichlorobenzidine
Concen: 65.868 ng
RT: 21.739 min Scan# 3174
Delta R.T. -0.004 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:252 Resp: 497174

Ion	Ratio	Lower	Upper
252	100		
254	62.6	50.8	76.2
126	7.4	5.8	8.6



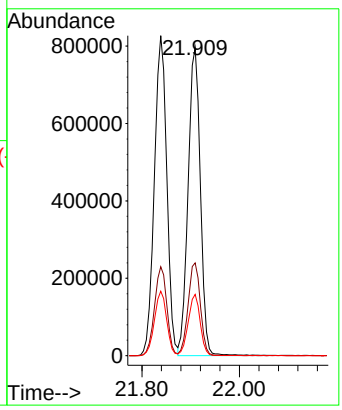


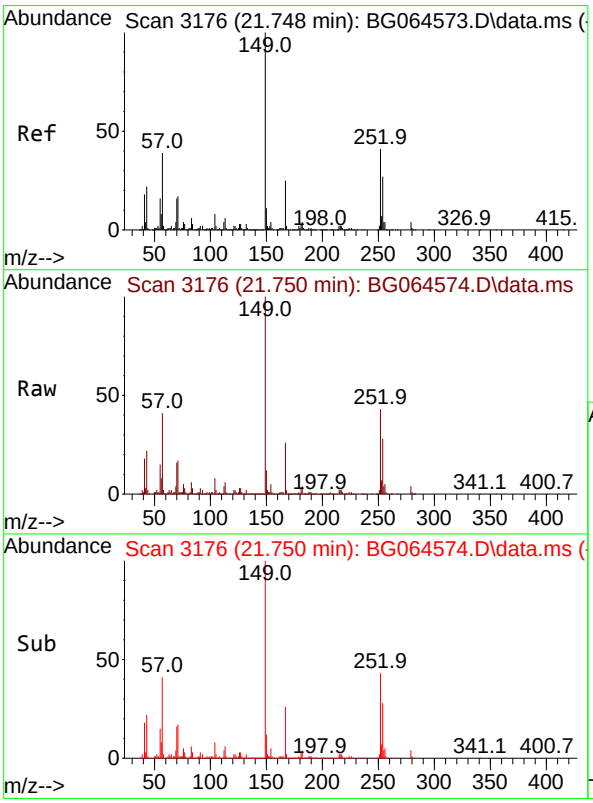
#83
Chrysene
Concen: 64.621 ng
RT: 21.909 min Scan# 3
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 1389821

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.3	34.9
229	19.9	15.2	22.8

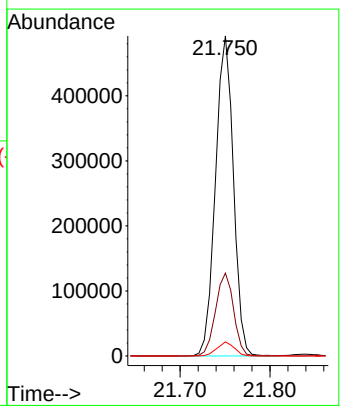


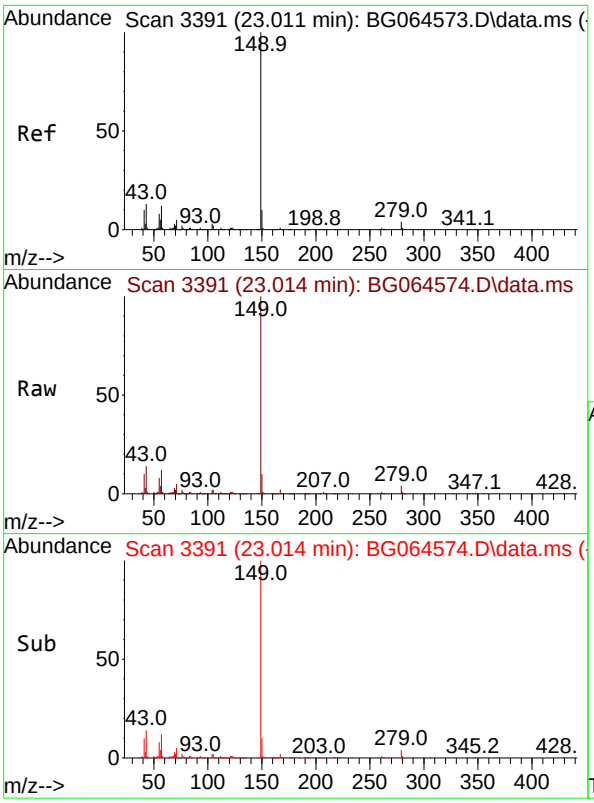


#84
Bis(2-ethylhexyl)phthalate
Concen: 67.768 ng
RT: 21.750 min Scan# 3176
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:149 Resp: 681649

Ion	Ratio	Lower	Upper
149	100		
167	25.9	20.0	30.0
279	4.4	3.1	4.7



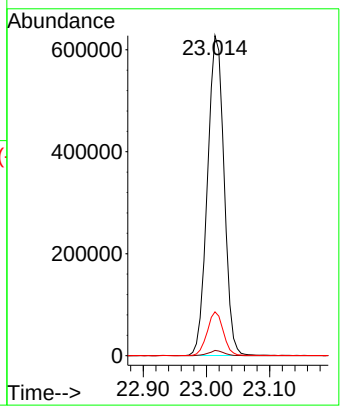


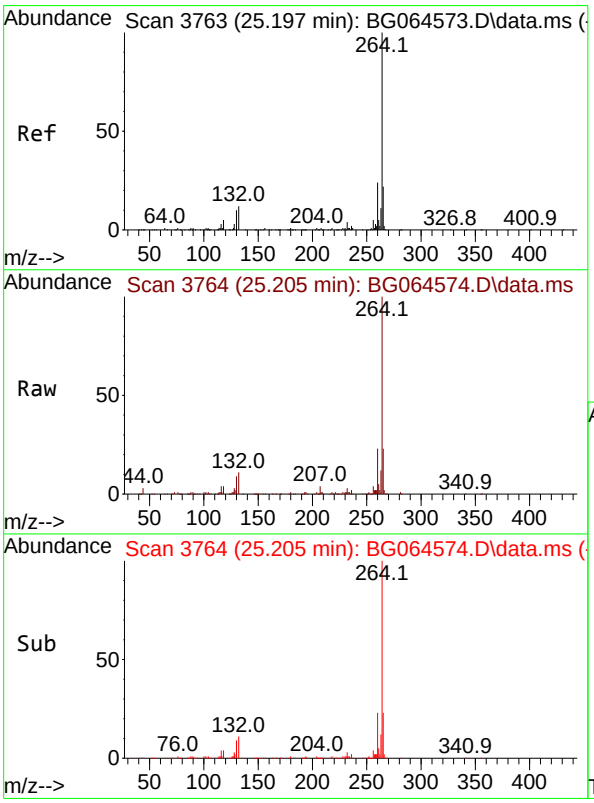
#85
Di-n-octyl phthalate
Concen: 67.379 ng
RT: 23.014 min Scan# 3
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion:149 Resp: 1142651

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	13.5	10.8	16.2

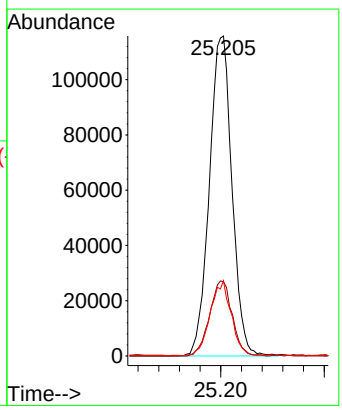


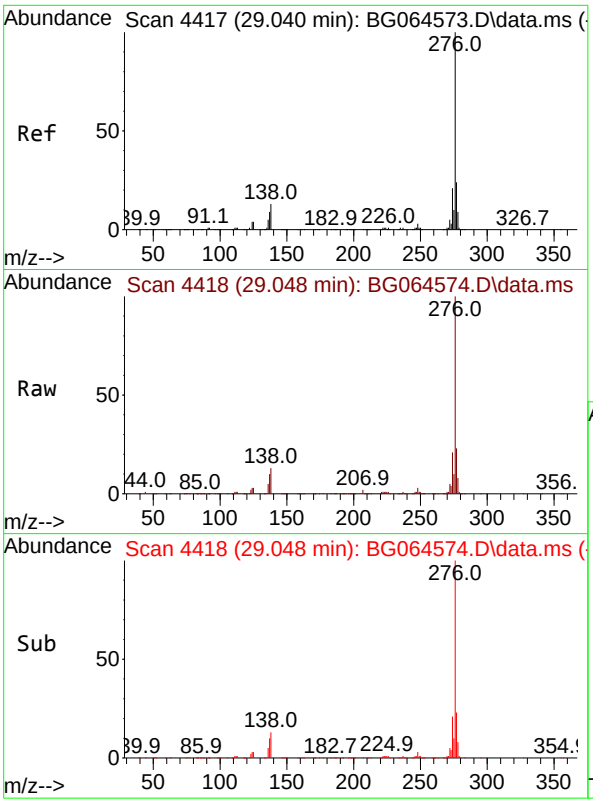


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.205 min Scan# 3764
Delta R.T. 0.008 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:264 Resp: 350916

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.0	28.4
265	23.5	17.6	26.4



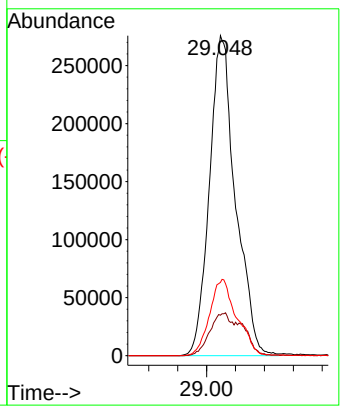


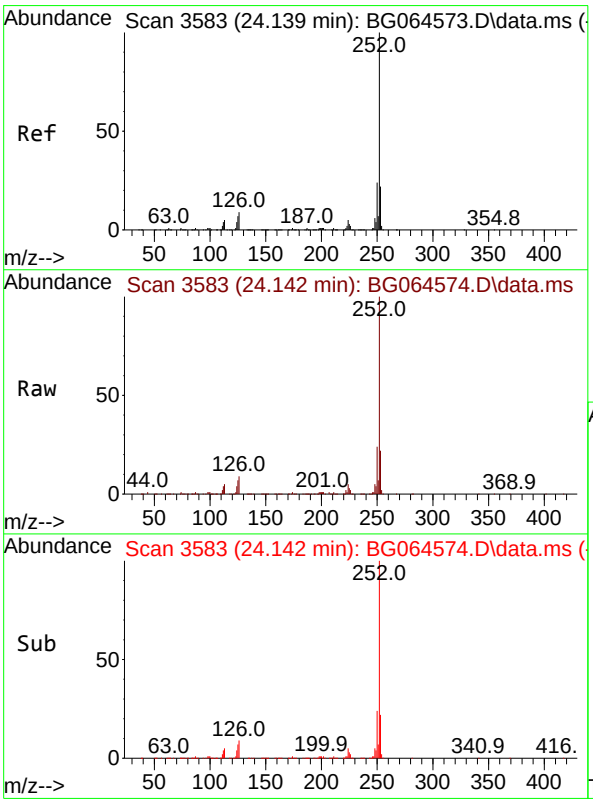
#87
Indeno(1,2,3-cd)pyrene
Concen: 66.979 ng
RT: 29.048 min Scan# 44
Delta R.T. 0.008 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion:276 Resp: 1729035

Ion	Ratio	Lower	Upper
276	100		
138	11.2	10.8	16.2
277	24.9	20.1	30.1

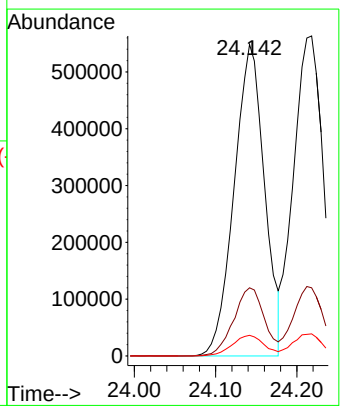


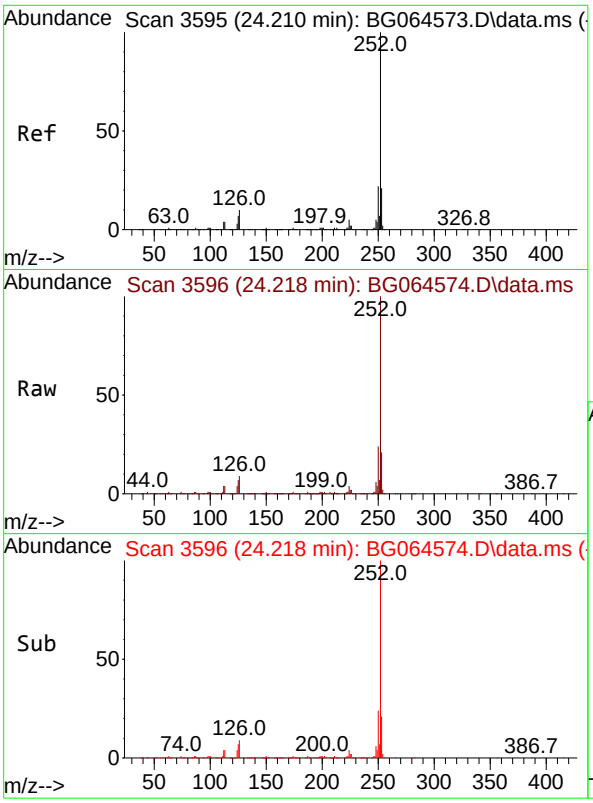


#88
Benzo(b)fluoranthene
Concen: 66.207 ng
RT: 24.142 min Scan# 3583
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:252 Resp: 1424640

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	6.6	5.6	8.4



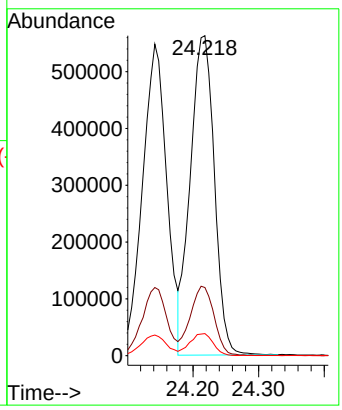


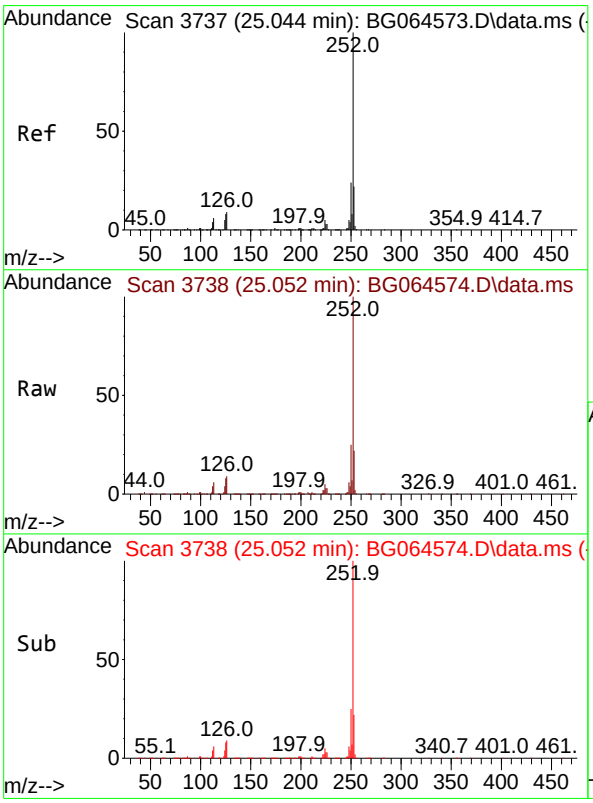
#89
Benzo(k)fluoranthene
Concen: 66.703 ng
RT: 24.218 min Scan# 3
Delta R.T. 0.008 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion:252 Resp: 1436312

Ion	Ratio	Lower	Upper
252	100		
253	21.3	16.8	25.2
125	6.9	5.4	8.0

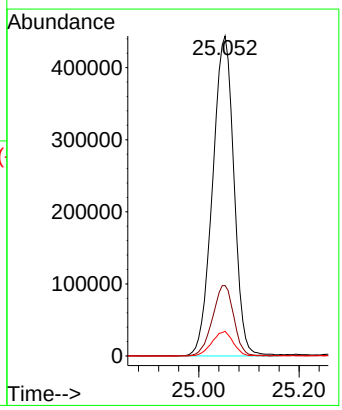


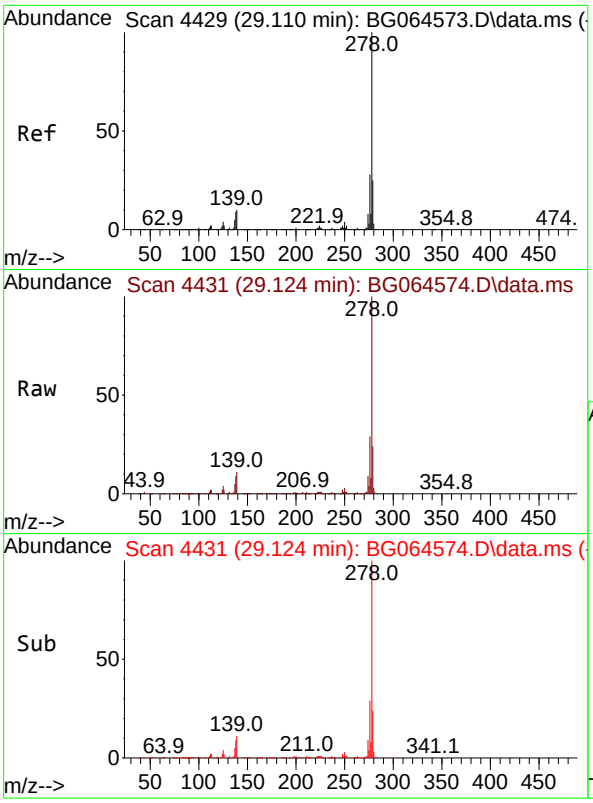


#90
Benzo(a)pyrene
Concen: 66.315 ng
RT: 25.052 min Scan# 3738
Delta R.T. 0.008 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:252 Resp: 1311701

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	7.7	6.1	9.1



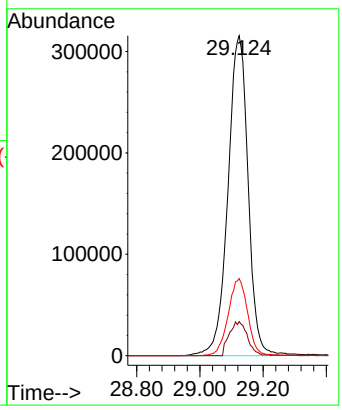


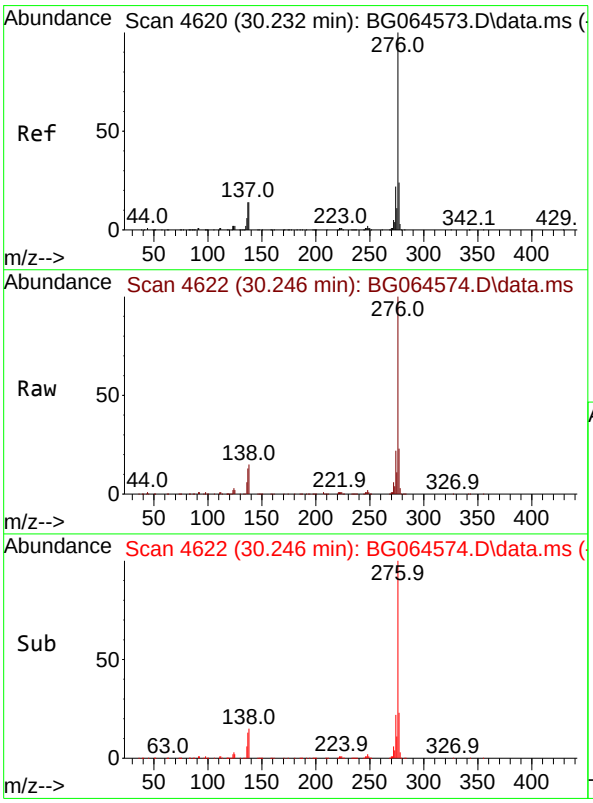
#91
Dibenzo(a,h)anthracene
Concen: 66.479 ng
RT: 29.124 min Scan# 44
Delta R.T. 0.014 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion:278 Resp: 1394234

Ion	Ratio	Lower	Upper
278	100		
139	10.7	8.0	12.0
279	24.1	19.8	29.6

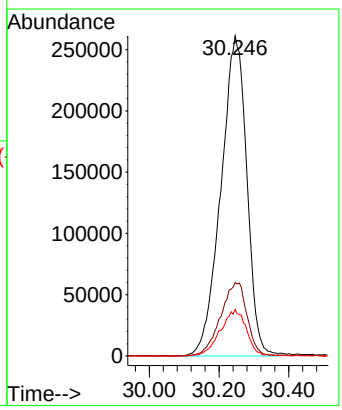




#92
Benzo(g,h,i)perylene
Concen: 67.253 ng
RT: 30.246 min Scan# 4622
Delta R.T. 0.014 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:276 Resp: 1347382

Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.1	28.7
138	14.5	11.3	16.9



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064575.D
Acq On : 24 Oct 2025 14:24
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Quant Time: Nov 03 18:02:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 17:56:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.221	152	45466	20.000	ng		0.00
21) Naphthalene-d8	11.053	136	179569	20.000	ng		0.00
39) Acenaphthene-d10	14.842	164	133797	20.000	ng		0.00
64) Phenanthrene-d10	17.580	188	333421	20.000	ng		0.00
76) Chrysene-d12	21.863	240	363291	20.000	ng		0.00
86) Perylene-d12	25.201	264	382372	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.747	112	411587	151.948	ng		0.00
7) Phenol-d6	7.357	99	554287	149.124	ng		0.00
23) Nitrobenzene-d5	9.390	82	511341	171.034	ng		0.00
42) 2,4,6-Tribromophenol	16.323	330	328066	169.886	ng		0.00
45) 2-Fluorobiphenyl	13.479	172	1314892	148.960	ng		0.00
79) Terphenyl-d14	20.177	244	2697491	140.125	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.591	88	83655	69.757	ng		99
3) Pyridine	3.996	79	259519	72.062	ng		96
4) n-Nitrosodimethylamine	3.908	42	141185	73.105	ng		99
6) Aniline	7.533	93	364528	72.073	ng		99
8) 2-Chlorophenol	7.780	128	221112	77.988	ng		99
9) Benzaldehyde	7.339	77	120456	59.361	ng		94
10) Phenol	7.386	94	307886	74.900	ng		98
11) bis(2-Chloroethyl)ether	7.627	93	217960	72.119	ng		96
12) 1,3-Dichlorobenzene	8.109	146	236208	72.385	ng		98
13) 1,4-Dichlorobenzene	8.256	146	240570	72.502	ng		97
14) 1,2-Dichlorobenzene	8.579	146	233326	72.905	ng		98
15) Benzyl Alcohol	8.456	79	233374	76.140	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.743	45	573671	72.364	ng		99
17) 2-Methylphenol	8.649	107	203667	74.625	ng		97
18) Hexachloroethane	9.325	117	87876	75.469	ng		98
19) n-Nitroso-di-n-propyla...	9.031	70	192155	74.804	ng		99
20) 3+4-Methylphenols	8.984	107	285690	74.434	ng		98
22) Acetophenone	9.049	105	365265	74.412	ng	#	99
24) Nitrobenzene	9.431	77	273231	84.025	ng		97
25) Isophorone	9.966	82	539122	75.150	ng		100
26) 2-Nitrophenol	10.148	139	103090	79.938	ng		94
27) 2,4-Dimethylphenol	10.195	122	208054	77.967	ng		97
28) bis(2-Chloroethoxy)met...	10.436	93	299758	73.388	ng		99
29) 2,4-Dichlorophenol	10.682	162	231256	80.526	ng		97
30) 1,2,4-Trichlorobenzene	10.906	180	250883	76.888	ng		97
31) Naphthalene	11.100	128	744985	74.828	ng		99
32) Benzoic acid	10.342	122	138285	64.940	ng		95
33) 4-Chloroaniline	11.188	127	290611	75.100	ng		98
34) Hexachlorobutadiene	11.393	225	196140	76.863	ng		99
35) Caprolactam	11.975	113	83266	75.596	ng		93
36) 4-Chloro-3-methylphenol	12.298	107	265909	77.031	ng		99
37) 2-Methylnaphthalene	12.692	142	542132	74.168	ng		99
38) 1-Methylnaphthalene	12.909	142	527717	72.945	ng		98
40) 1,2,4,5-Tetrachloroben...	13.056	216	351719	78.328	ng		99
41) Hexachlorocyclopentadiene	13.038	237	163461	80.876	ng		99
43) 2,4,6-Trichlorophenol	13.279	196	218318	84.998	ng		98

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064575.D
Acq On : 24 Oct 2025 14:24
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Quant Time: Nov 03 18:02:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 17:56:56 2025
Response via : Initial Calibration

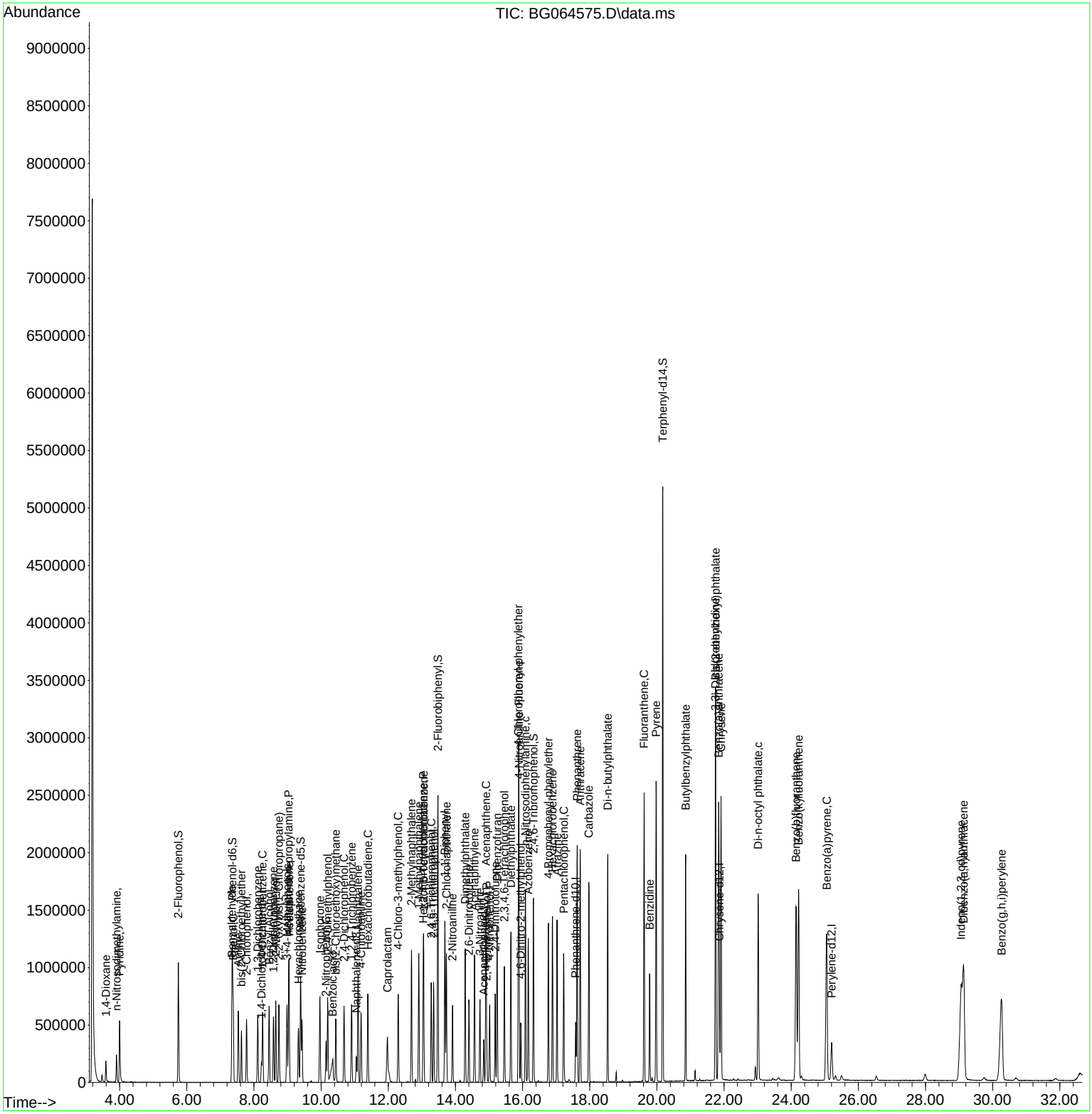
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.350	196	243241	82.064	ng		99
46) 1,1'-Biphenyl	13.685	154	713186	74.977	ng		100
47) 2-Chloronaphthalene	13.732	162	547242	76.218	ng		99
48) 2-Nitroaniline	13.914	65	196580	79.301	ng		95
49) Acenaphthylene	14.566	152	858511	75.806	ng		99
50) Dimethylphthalate	14.290	163	782708	76.450	ng		98
51) 2,6-Dinitrotoluene	14.402	165	135769	78.216	ng		98
52) Acenaphthene	14.913	154	589213	76.150	ng		99
53) 3-Nitroaniline	14.731	138	159072	90.409	ng		96
54) 2,4-Dinitrophenol	14.930	184	82655	79.755	ng	#	65
55) Dibenzofuran	15.242	168	923386	73.816	ng		99
56) 4-Nitrophenol	15.018	139	142966	87.640	ng		98
57) 2,4-Dinitrotoluene	15.189	165	212164	79.117	ng		96
58) Fluorene	15.888	166	711212	72.801	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.459	232	240094	84.708	ng		99
60) Diethylphthalate	15.653	149	803621	76.874	ng		100
61) 4-Chlorophenyl-phenyle...	15.876	204	408239	74.463	ng		99
62) 4-Nitroaniline	15.894	138	173159	88.462	ng		96
63) Azobenzene	16.170	77	723988	75.482	ng		99
65) 4,6-Dinitro-2-methylph...	15.947	198	124101	80.450	ng		95
66) n-Nitrosodiphenylamine	16.088	169	666665	74.020	ng		98
67) 4-Bromophenyl-phenylether	16.769	248	299348	75.762	ng		99
68) Hexachlorobenzene	16.893	284	341338	75.724	ng		96
69) Atrazine	17.028	200	281950	72.745	ng		97
70) Pentachlorophenol	17.228	266	235472	83.771	ng		93
71) Phenanthrene	17.627	178	1340610	73.525	ng		99
72) Anthracene	17.715	178	1367044	73.704	ng		99
73) Carbazole	17.974	167	1195960	73.122	ng		99
74) Di-n-butylphthalate	18.538	149	1433446	75.790	ng		100
75) Fluoranthene	19.619	202	1663673	72.835	ng		98
77) Benzidine	19.783	184	556525	68.376	ng		98
78) Pyrene	19.977	202	1737788	73.215	ng		99
80) Butylbenzylphthalate	20.859	149	595333	82.988	ng		98
81) Benzo(a)anthracene	21.840	228	1805628	74.959	ng		99
82) 3,3'-Dichlorobenzidine	21.740	252	615546	76.524	ng		99
83) Chrysene	21.910	228	1704533	74.368	ng		97
84) Bis(2-ethylhexyl)phtha...	21.752	149	854027	79.672	ng		98
85) Di-n-octyl phthalate	23.015	149	1432956	79.289	ng		100
87) Indeno(1,2,3-cd)pyrene	29.061	276	2156428	76.663	ng		98
88) Benzo(b)fluoranthene	24.143	252	1810094	77.199	ng		99
89) Benzo(k)fluoranthene	24.219	252	1757758	74.916	ng		98
90) Benzo(a)pyrene	25.060	252	1649779	76.546	ng		99
91) Dibenzo(a,h)anthracene	29.137	278	1747890	76.486	ng		98
92) Benzo(g,h,i)perylene	30.265	276	1669976	76.498	ng		99

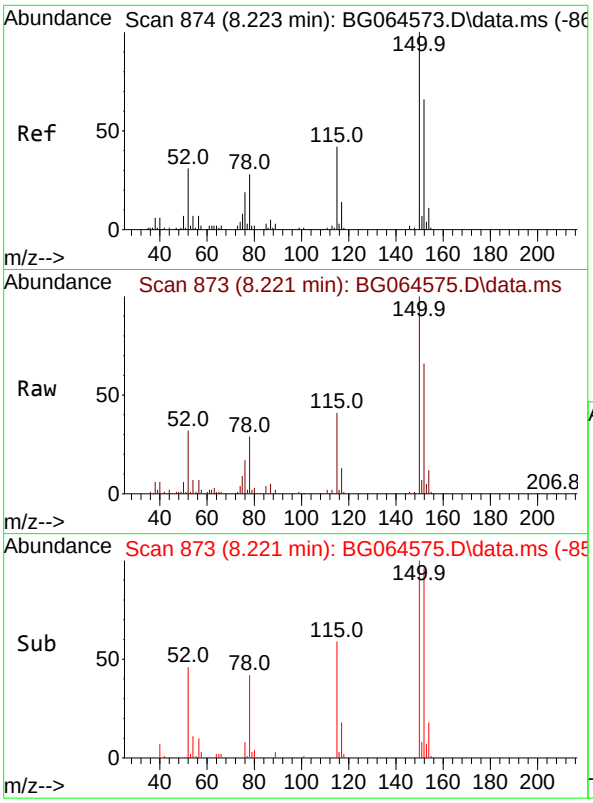
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064575.D
Acq On : 24 Oct 2025 14:24
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Quant Time: Nov 03 18:02:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 17:56:56 2025
Response via : Initial Calibration



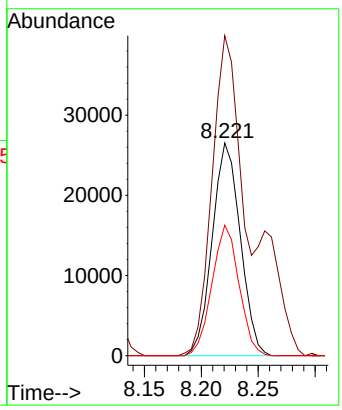


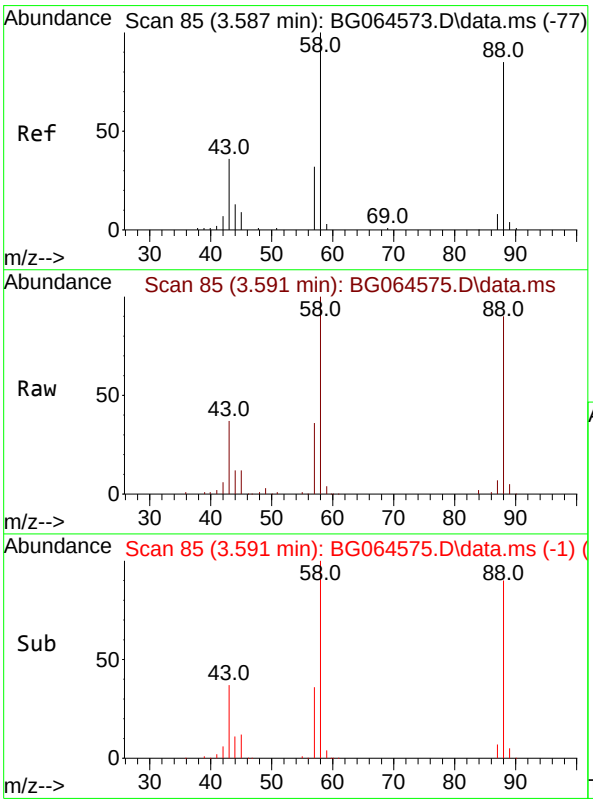
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.221 min Scan# 8
Delta R.T. -0.002 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:152 Resp: 45466

Ion	Ratio	Lower	Upper
152	100		
150	150.5	122.2	183.4
115	61.3	50.8	76.2

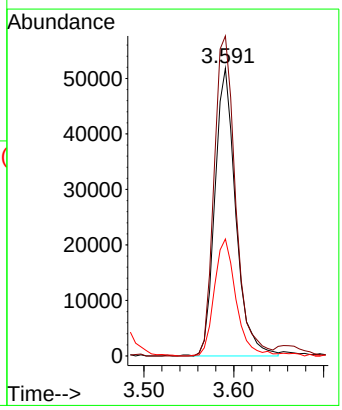


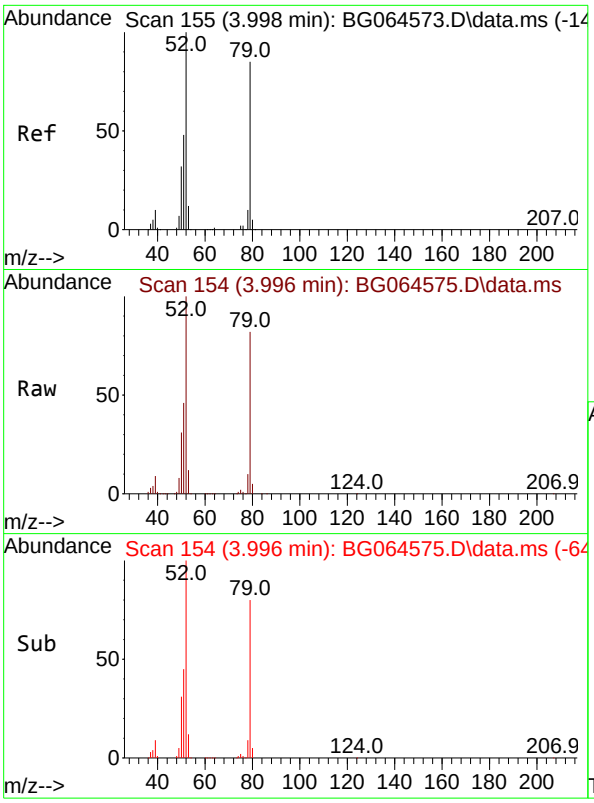


#2
1,4-Dioxane
Concen: 69.757 ng
RT: 3.591 min Scan# 85
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion: 88 Resp: 83655

Ion	Ratio	Lower	Upper
88	100		
58	114.3	92.4	138.6
43	42.2	33.0	49.6



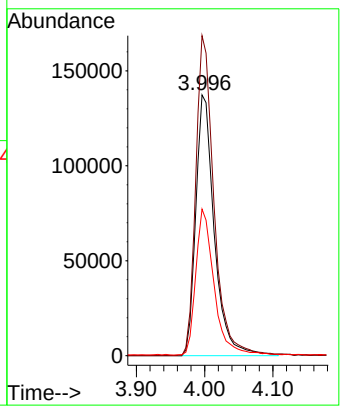


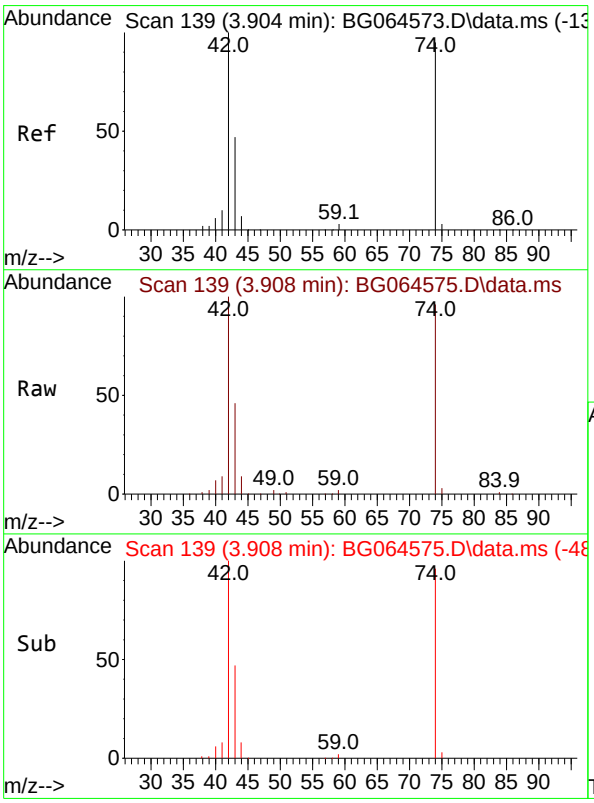
#3
Pyridine
Concen: 72.062 ng
RT: 3.996 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion: 79 Resp: 259519

Ion	Ratio	Lower	Upper
79	100		
52	122.7	94.2	141.2
51	56.2	46.1	69.1

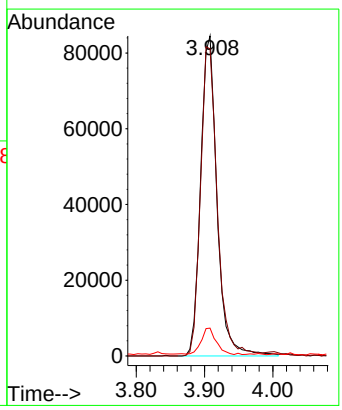


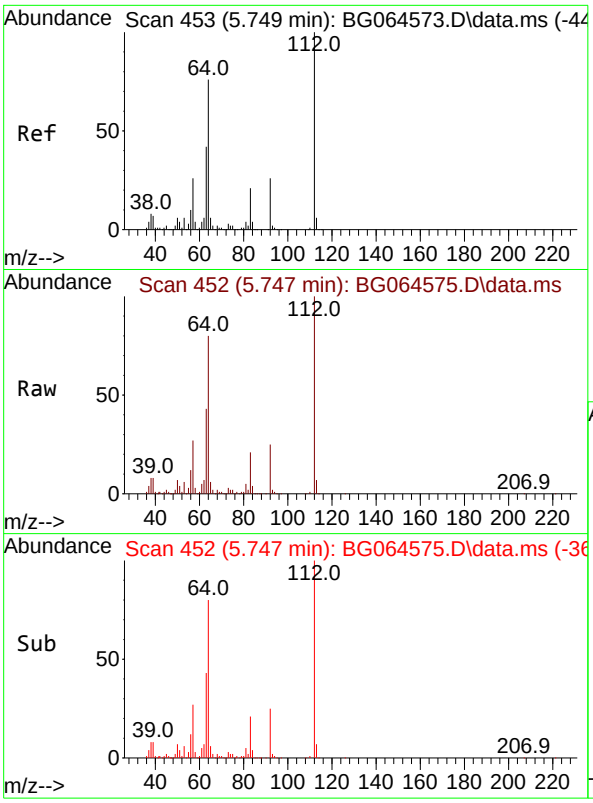


#4
n-Nitrosodimethylamine
Concen: 73.105 ng
RT: 3.908 min Scan# 139
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion: 42 Resp: 141185

Ion	Ratio	Lower	Upper
42	100		
74	96.0	76.1	114.1
44	8.7	6.3	9.5



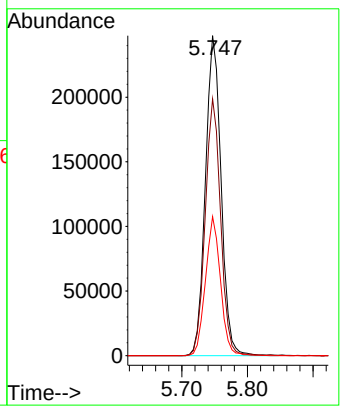


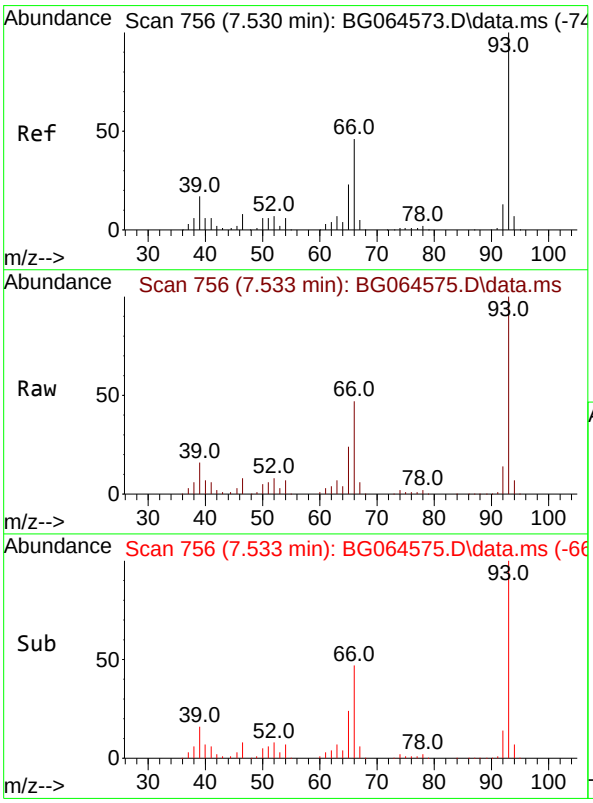
#5
2-Fluorophenol
Concen: 151.948 ng
RT: 5.747 min Scan# 4
Delta R.T. -0.002 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:112 Resp: 411587

Ion	Ratio	Lower	Upper
112	100		
64	80.3	60.7	91.1
63	43.5	33.4	50.0

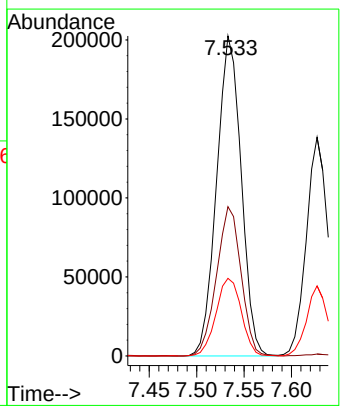


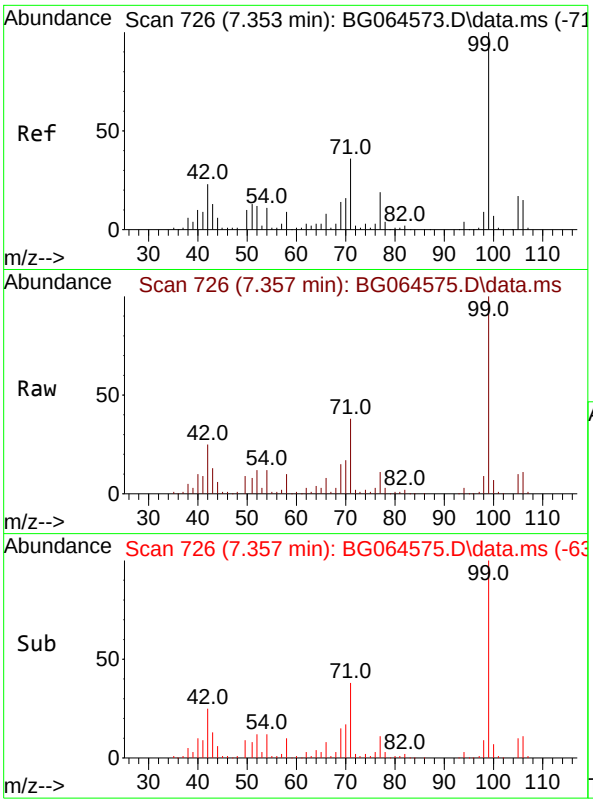


#6
Aniline
Concen: 72.073 ng
RT: 7.533 min Scan# 756
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion: 93 Resp: 364528

Ion	Ratio	Lower	Upper
93	100		
66	46.6	37.0	55.6
65	24.3	18.3	27.5



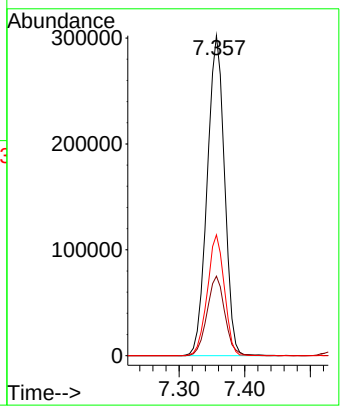


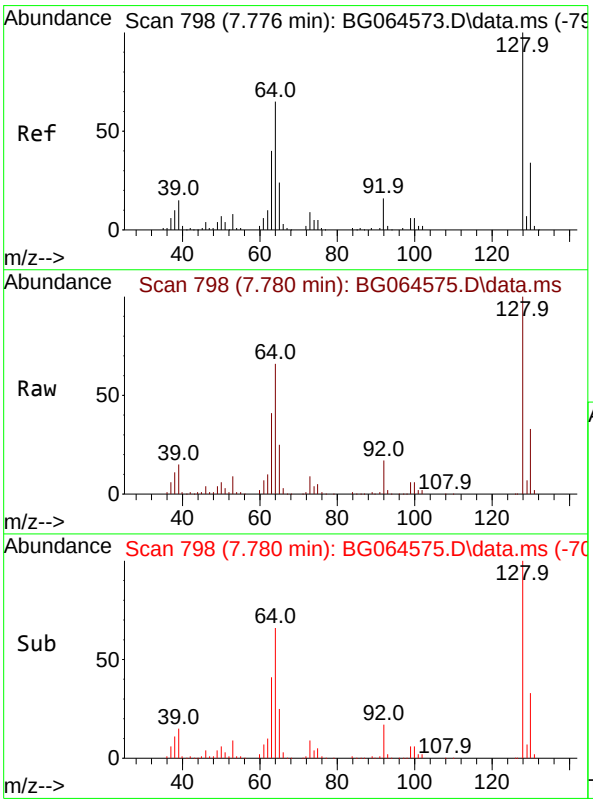
#7
Phenol-d6
Concen: 149.124 ng
RT: 7.357 min Scan# 7
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion: 99 Resp: 554287

Ion	Ratio	Lower	Upper
99	100		
42	24.9	18.3	27.5
71	37.8	28.6	43.0

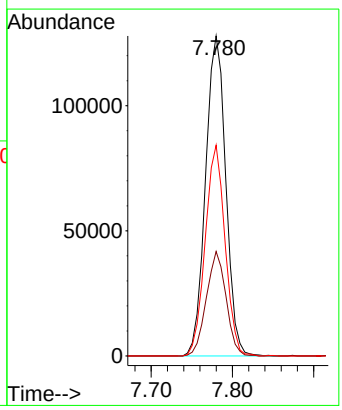


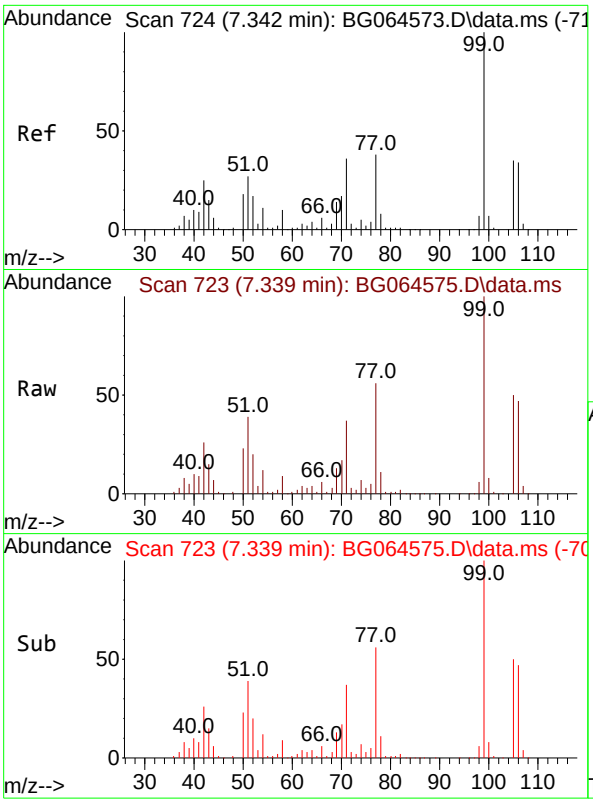


#8
2-Chlorophenol
Concen: 77.988 ng
RT: 7.780 min Scan# 798
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:128 Resp: 221112

Ion	Ratio	Lower	Upper
128	100		
130	32.7	13.5	53.5
64	65.9	45.2	85.2



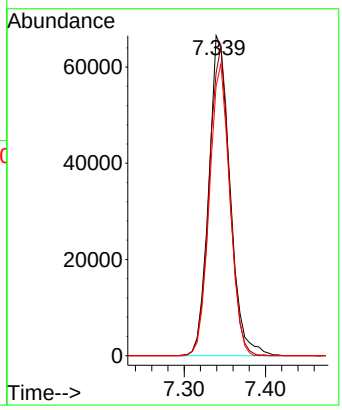


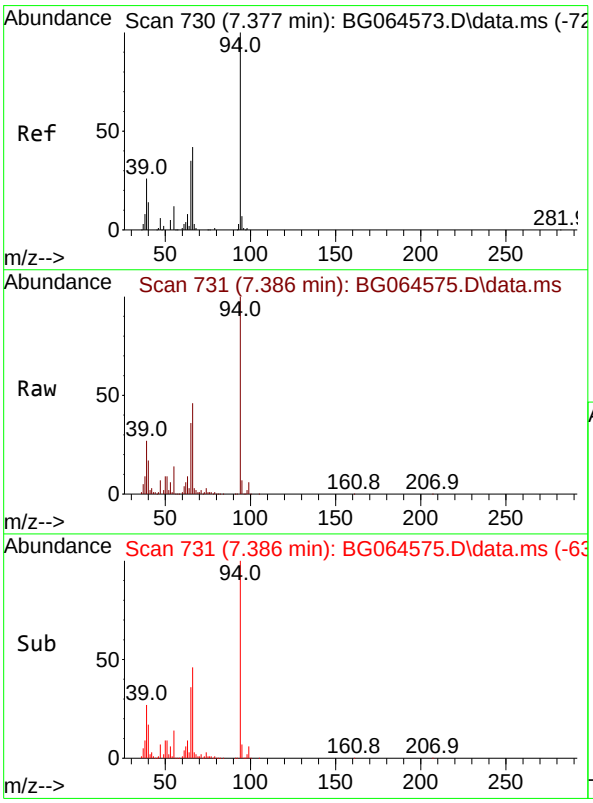
#9
Benzaldehyde
Concen: 59.361 ng
RT: 7.339 min Scan# 7
Delta R.T. -0.002 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 120456

Ion	Ratio	Lower	Upper
77	100		
105	88.4	72.9	112.9
106	84.2	70.8	110.8

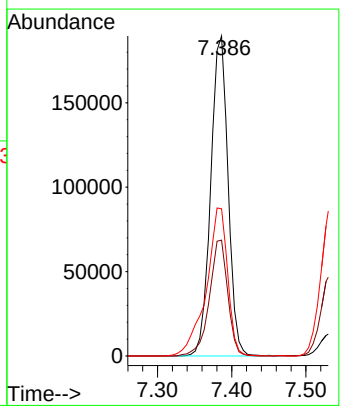


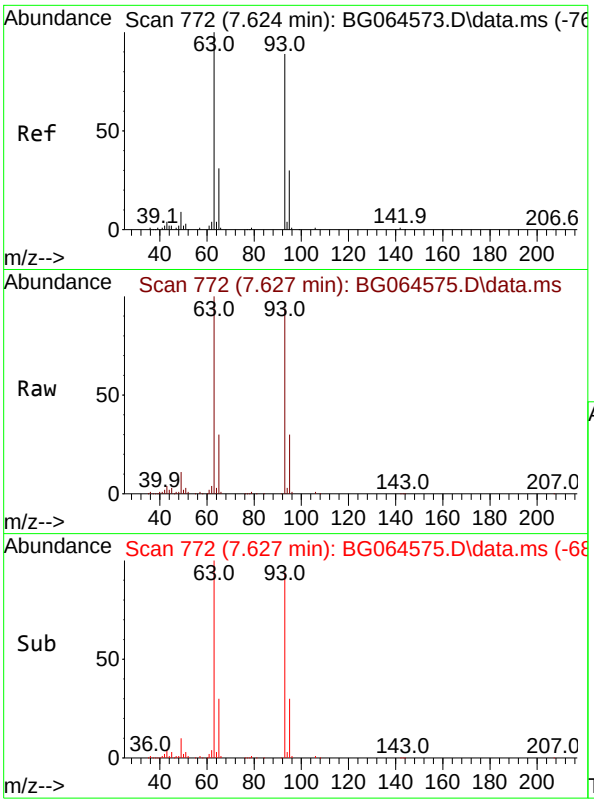


#10
Phenol
Concen: 74.900 ng
RT: 7.386 min Scan# 731
Delta R.T. 0.009 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion: 94 Resp: 307886

Ion	Ratio	Lower	Upper
94	100		
65	36.2	15.8	55.8
66	46.0	24.0	64.0



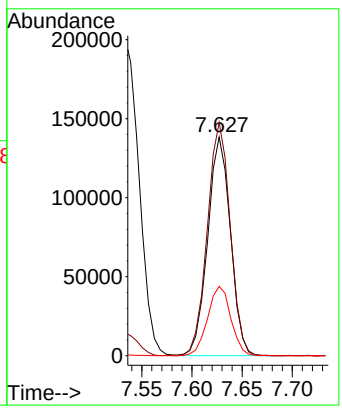


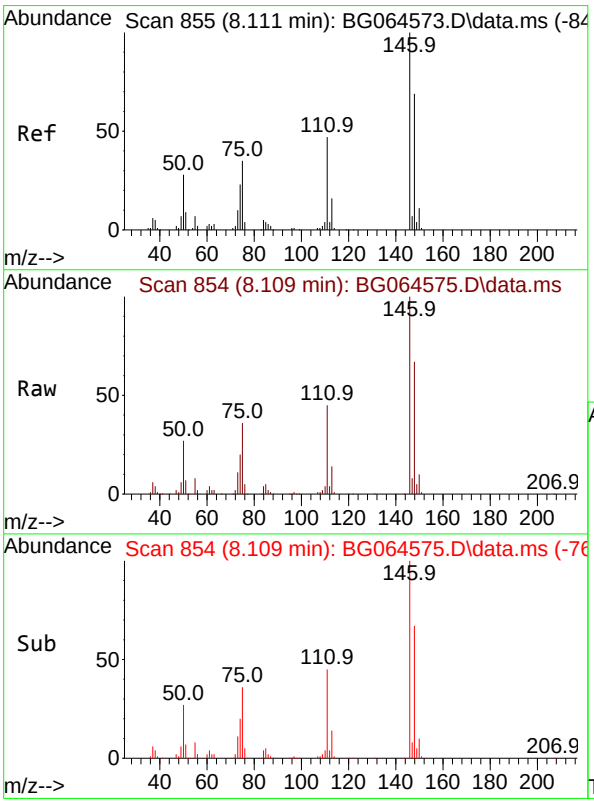
#11
bis(2-Chloroethyl)ether
Concen: 72.119 ng
RT: 7.627 min Scan# 7
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion: 93 Resp: 217960

Ion	Ratio	Lower	Upper
93	100		
63	106.7	91.3	131.3
95	31.7	13.3	53.3

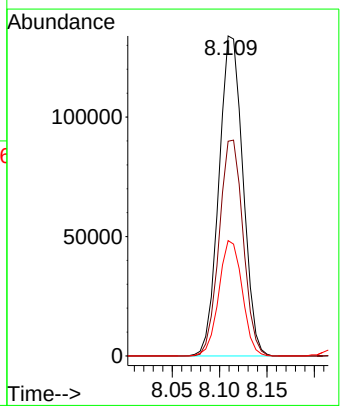


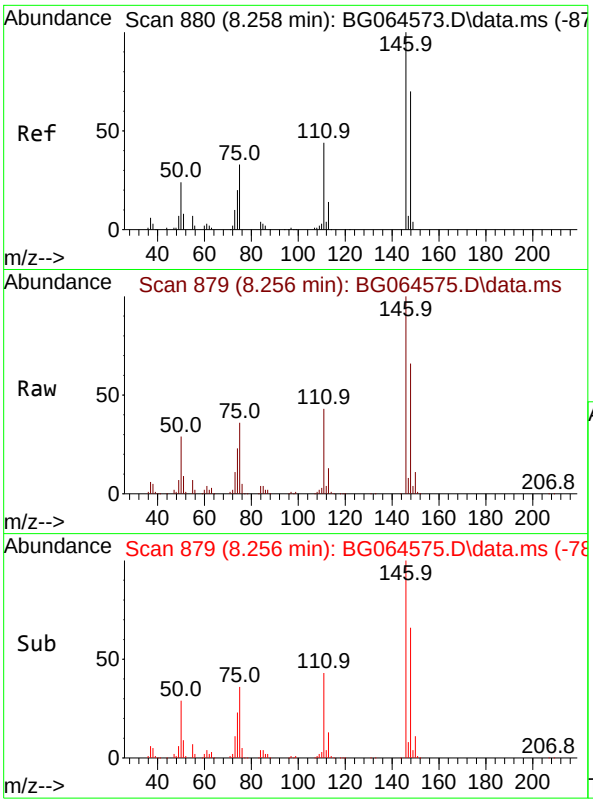


#12
1,3-Dichlorobenzene
Concen: 72.385 ng
RT: 8.109 min Scan# 854
Delta R.T. -0.002 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:146 Resp: 236208

Ion	Ratio	Lower	Upper
146	100		
148	67.1	55.3	82.9
75	36.1	28.2	42.2



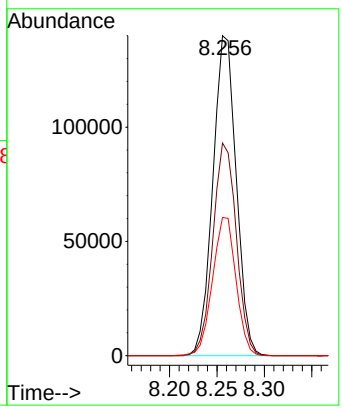


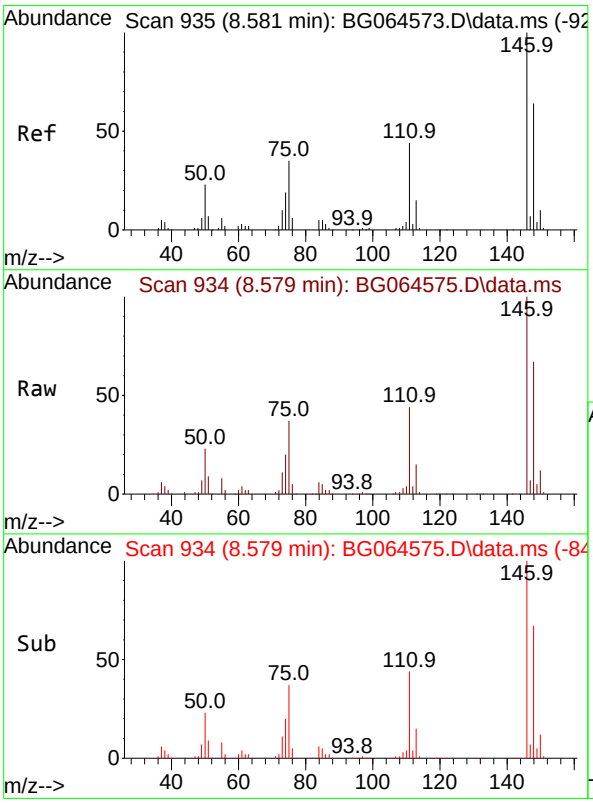
#13
1,4-Dichlorobenzene
Concen: 72.502 ng
RT: 8.256 min Scan# 8
Delta R.T. -0.002 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:146 Resp: 240570

Ion	Ratio	Lower	Upper
146	100		
148	66.4	56.2	84.4
111	43.2	35.4	53.0

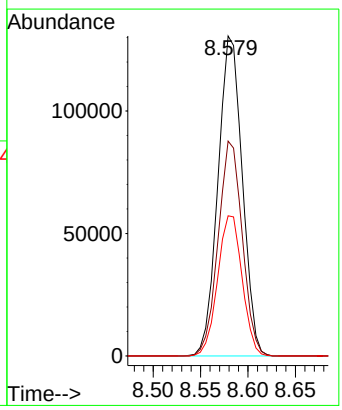


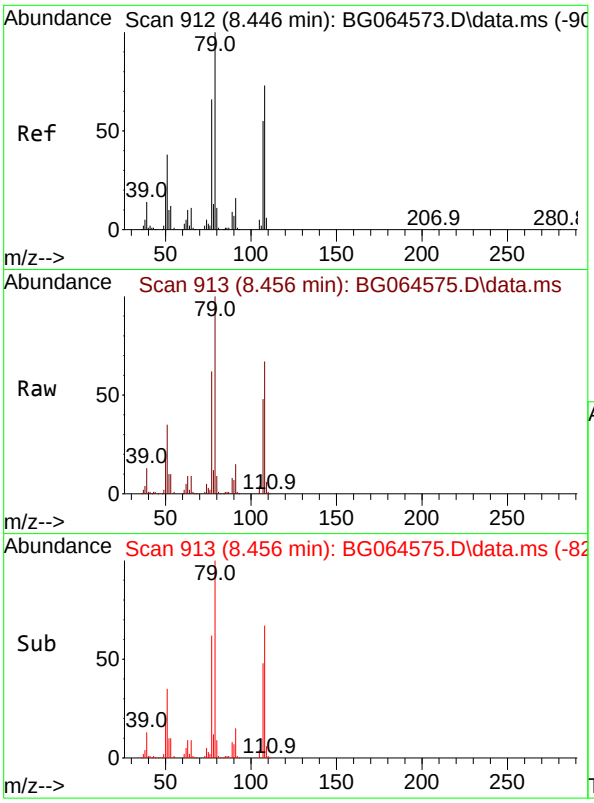


#14
1,2-Dichlorobenzene
Concen: 72.905 ng
RT: 8.579 min Scan# 934
Delta R.T. -0.002 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:146 Resp: 233326

Ion	Ratio	Lower	Upper
146	100		
148	67.2	51.5	77.3
111	43.8	35.0	52.6



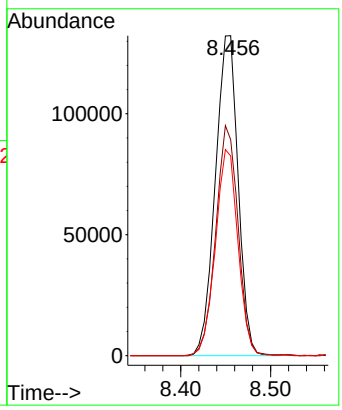


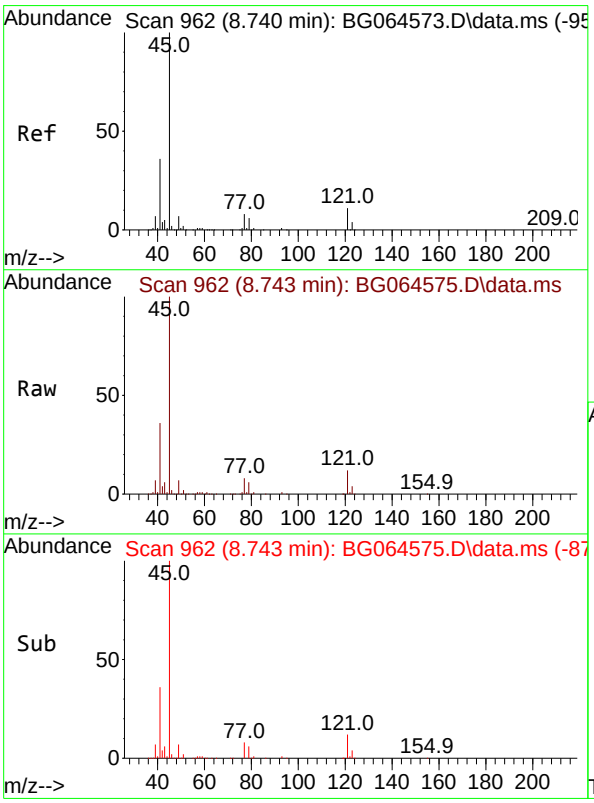
#15
Benzyl Alcohol
Concen: 76.140 ng
RT: 8.456 min Scan# 9
Delta R.T. 0.009 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion: 79 Resp: 233374

Ion	Ratio	Lower	Upper
79	100		
108	67.5	58.1	87.1
77	62.4	52.8	79.2

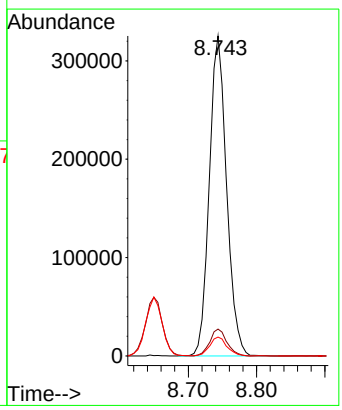


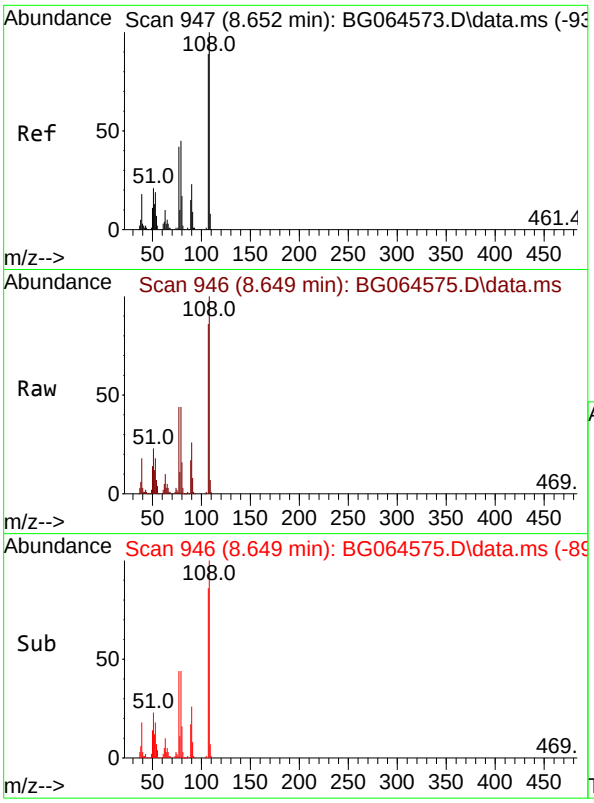


#16
2,2'-oxybis(1-Chloropropane)
Concen: 72.364 ng
RT: 8.743 min Scan# 962
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion: 45 Resp: 573671

Ion	Ratio	Lower	Upper
45	100		
77	8.4	0.0	28.5
79	5.9	0.0	25.6



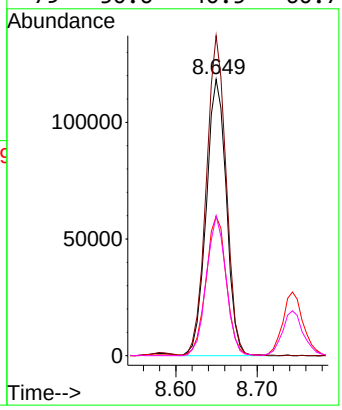


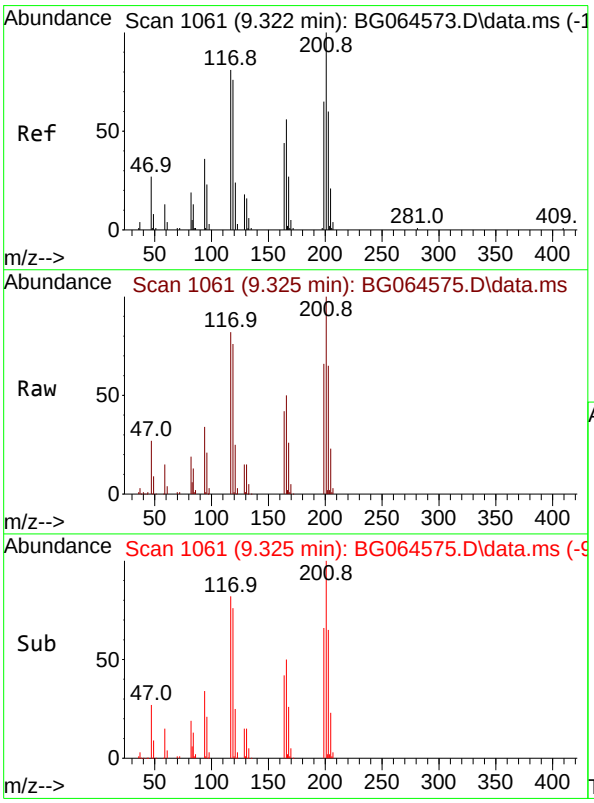
#17
2-Methylphenol
Concen: 74.625 ng
RT: 8.649 min Scan# 94
Delta R.T. -0.002 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:107 Resp: 203667

Ion	Ratio	Lower	Upper
107	100		
108	115.8	90.0	135.0
77	50.4	37.8	56.8
79	50.6	40.5	60.7

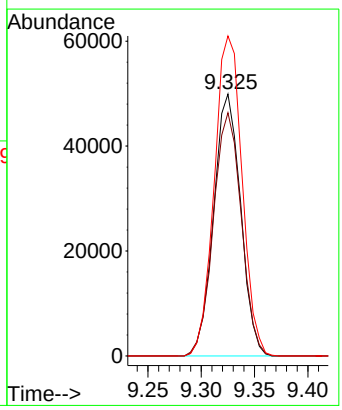


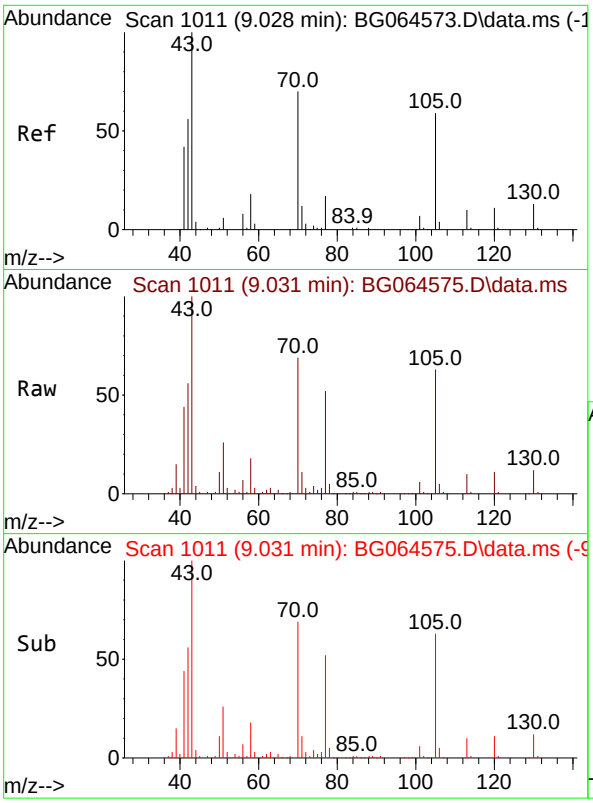


#18
Hexachloroethane
Concen: 75.469 ng
RT: 9.325 min Scan# 1061
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:117 Resp: 87876

Ion	Ratio	Lower	Upper
117	100		
119	92.8	75.4	113.2
201	122.1	99.2	148.8



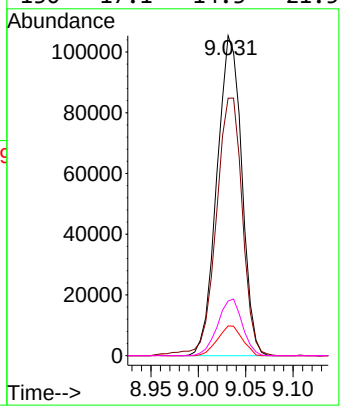


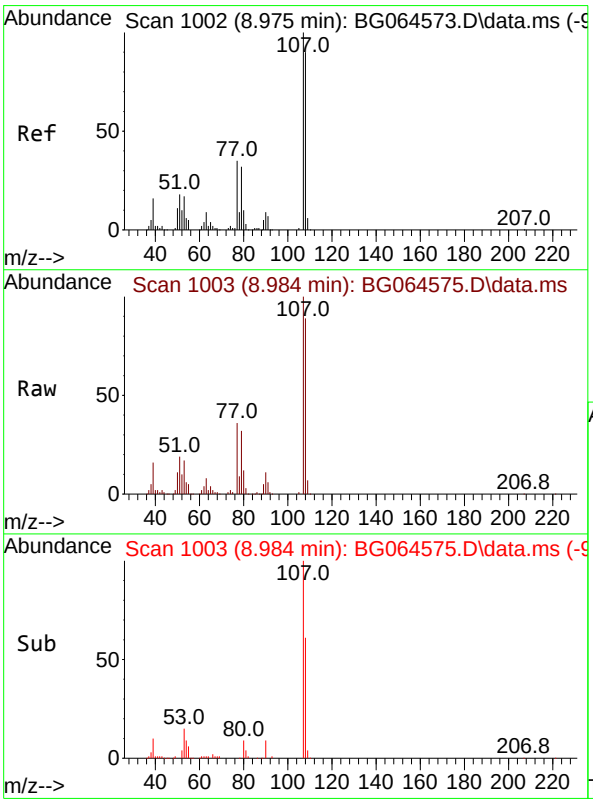
#19
n-Nitroso-di-n-propylamine
Concen: 74.804 ng
RT: 9.031 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion: 70 Resp: 192155

Ion	Ratio	Lower	Upper
70	100		
42	80.5	65.2	97.8
101	9.3	7.9	11.9
130	17.1	14.3	21.5

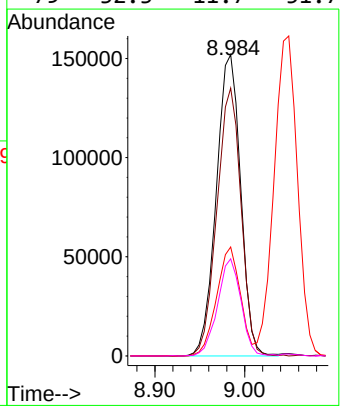


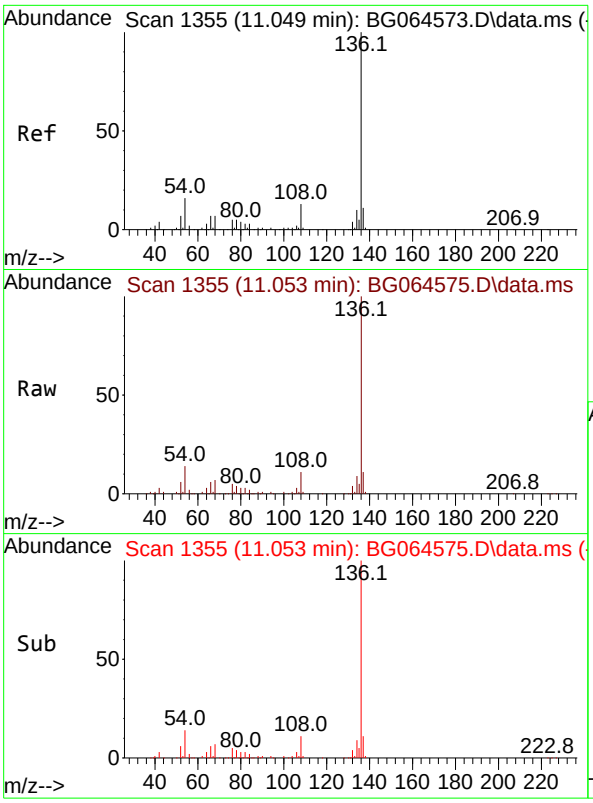


#20
3+4-Methylphenols
Concen: 74.434 ng
RT: 8.984 min Scan# 1003
Delta R.T. 0.009 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:107 Resp: 285690

Ion	Ratio	Lower	Upper
107	100		
108	88.9	70.3	110.3
77	36.2	14.6	54.6
79	32.3	11.7	51.7



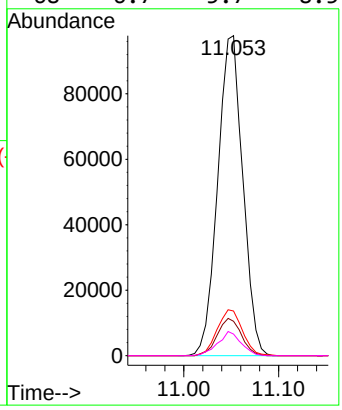


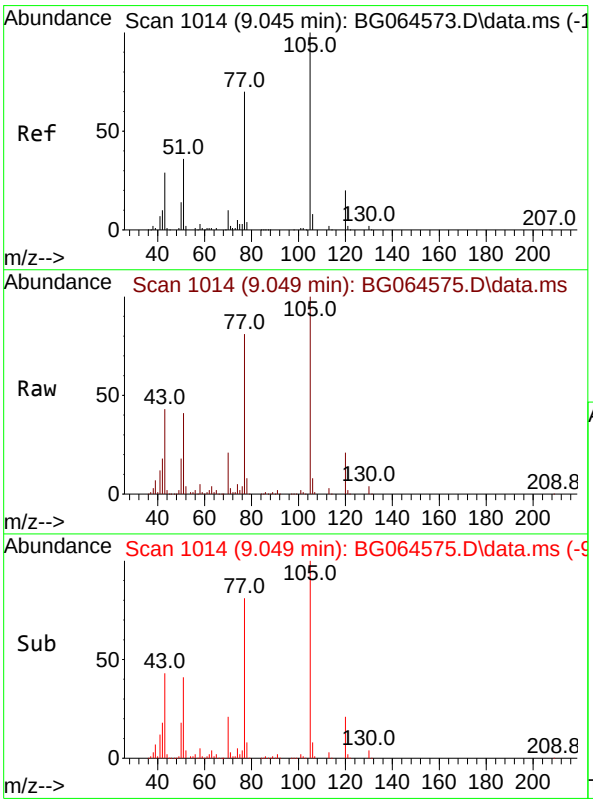
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.053 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:136 Resp: 179569

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	14.0	12.6	19.0
68	6.7	5.7	8.5

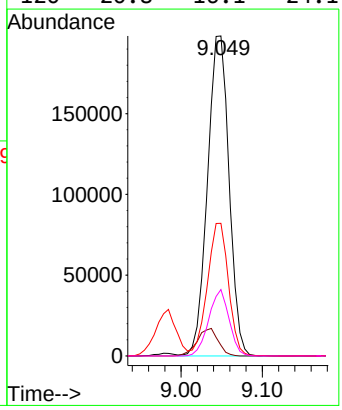


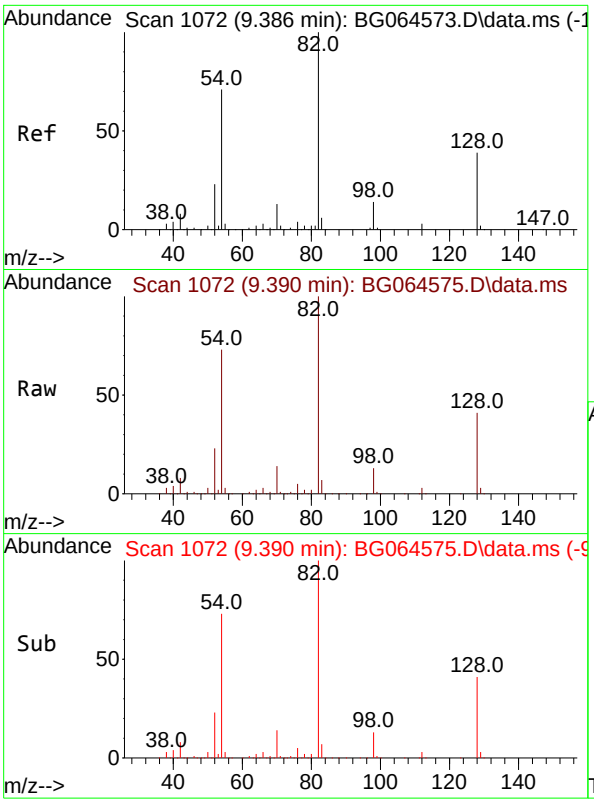


#22
Acetophenone
Concen: 74.412 ng
RT: 9.049 min Scan# 1014
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:105 Resp: 365265

Ion	Ratio	Lower	Upper
105	100		
71	3.4	1.5	2.3#
51	41.4	33.7	50.5
120	20.8	16.1	24.1



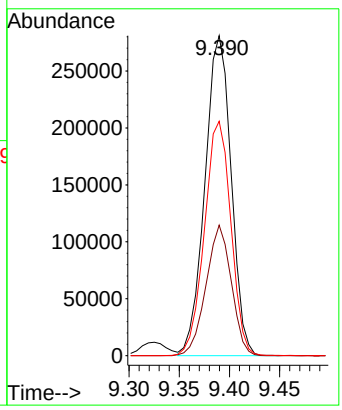


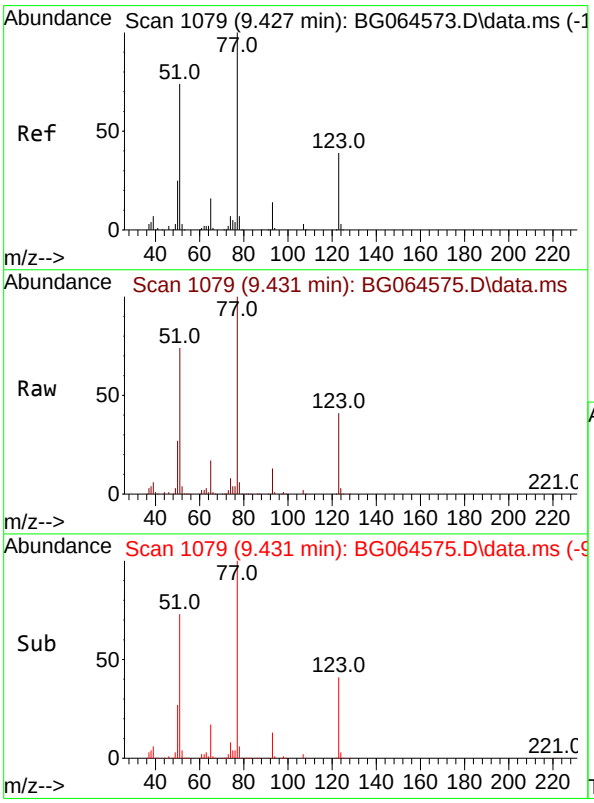
#23
Nitrobenzene-d5
Concen: 171.034 ng
RT: 9.390 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion: 82 Resp: 511341

Ion	Ratio	Lower	Upper
82	100		
128	40.8	31.3	46.9
54	73.3	56.6	84.8

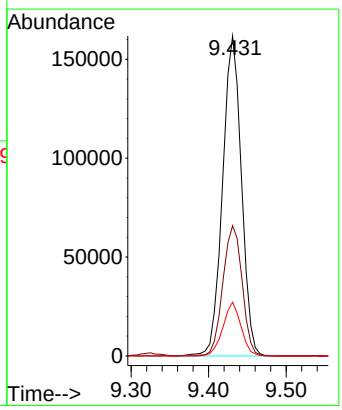


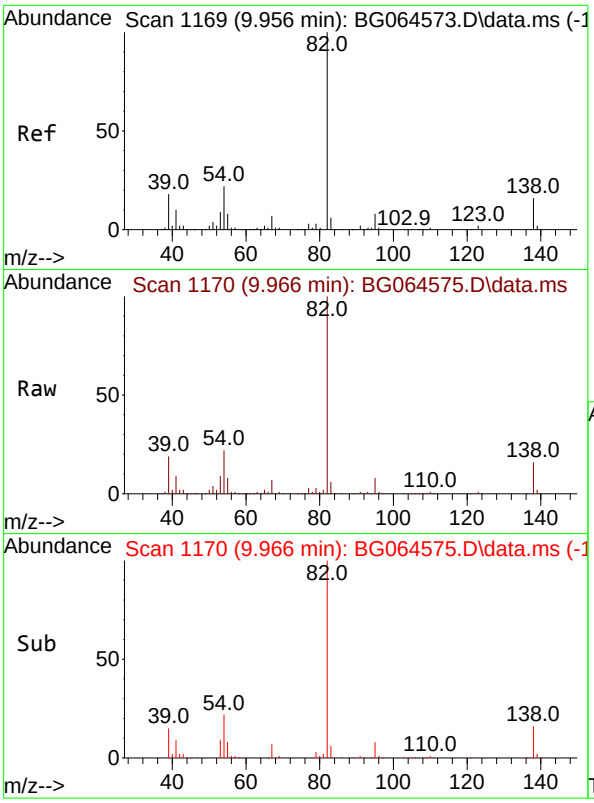


#24
Nitrobenzene
Concen: 84.025 ng
RT: 9.431 min Scan# 1079
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion: 77 Resp: 273231

Ion	Ratio	Lower	Upper
77	100		
123	40.7	31.0	46.6
65	16.8	12.7	19.1



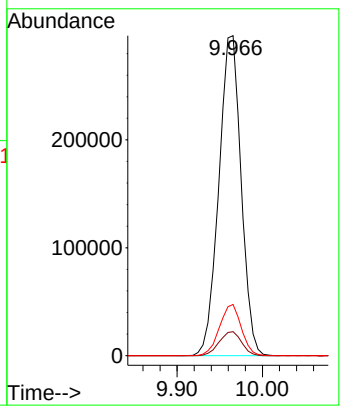


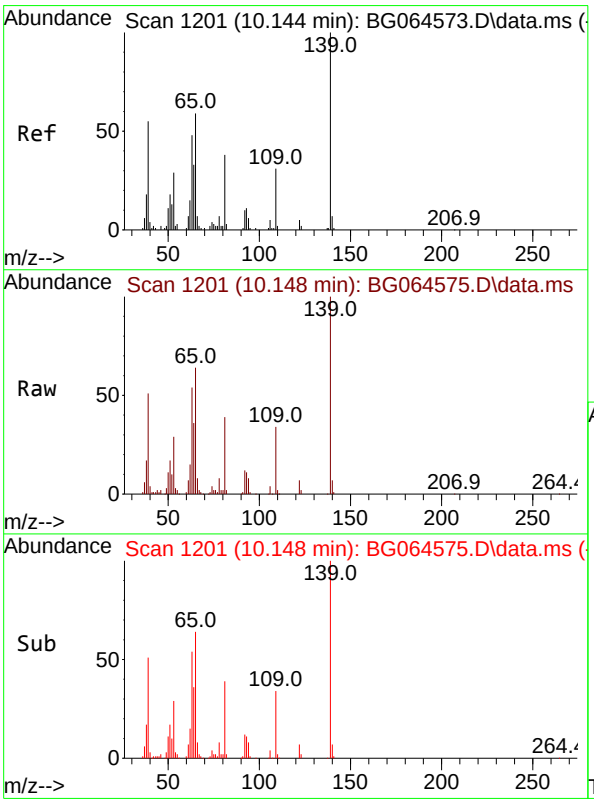
#25
Isophorone
Concen: 75.150 ng
RT: 9.966 min Scan# 11
Delta R.T. 0.009 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion: 82 Resp: 539122

Ion	Ratio	Lower	Upper
82	100		
95	7.5	6.1	9.1
138	16.0	13.0	19.4

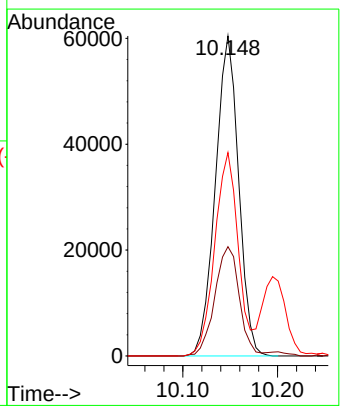


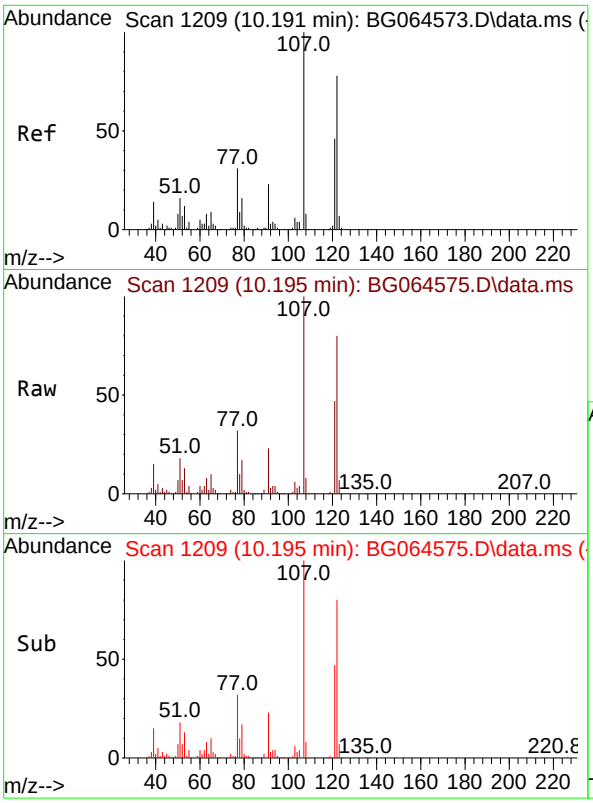


#26
2-Nitrophenol
Concen: 79.938 ng
RT: 10.148 min Scan# 1201
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:139 Resp: 103090

Ion	Ratio	Lower	Upper
139	100		
109	34.1	24.6	37.0
65	63.6	47.5	71.3



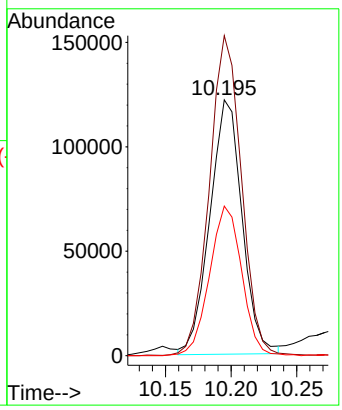


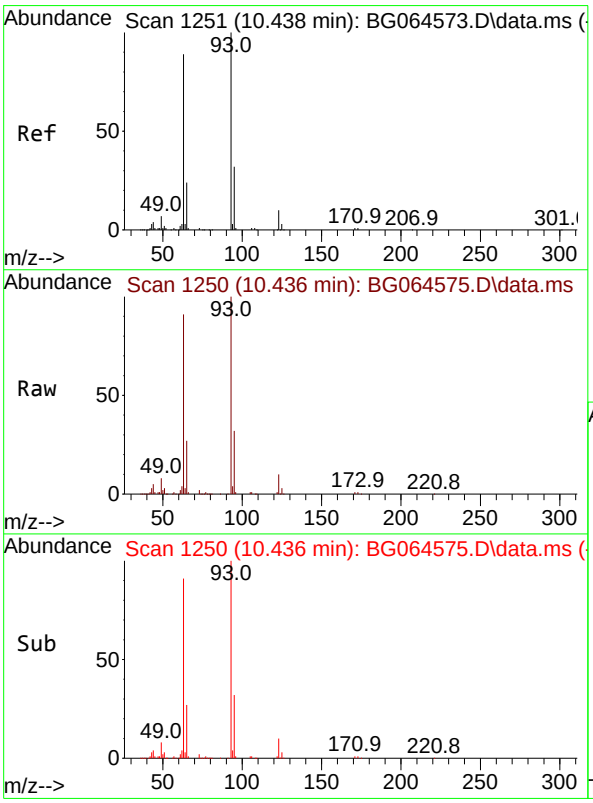
#27
2,4-Dimethylphenol
Concen: 77.967 ng
RT: 10.195 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:122 Resp: 208054

Ion	Ratio	Lower	Upper
122	100		
107	125.0	103.0	154.4
121	58.5	47.8	71.8

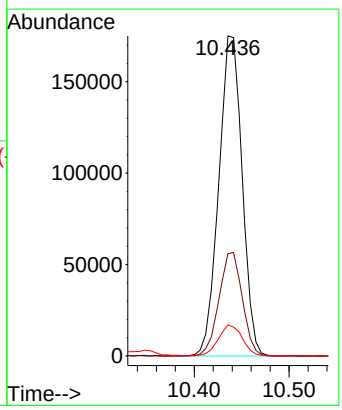


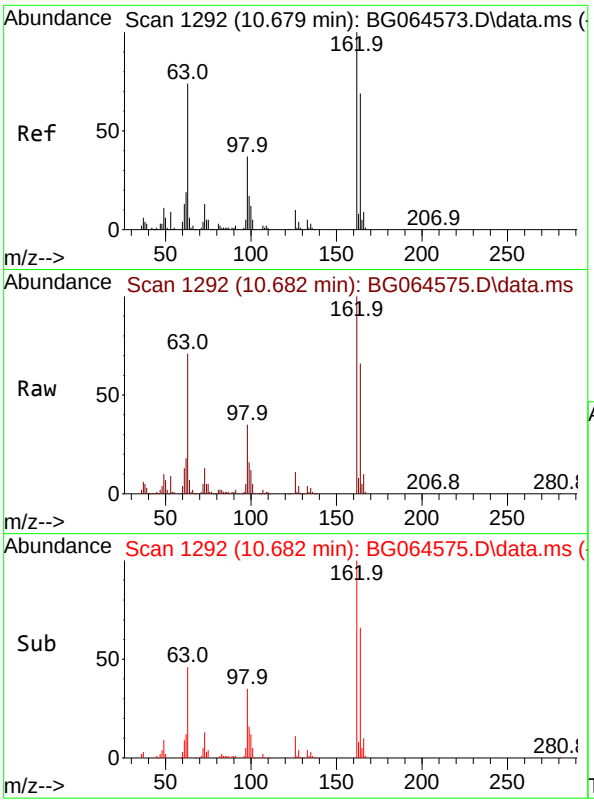


#28
bis(2-Chloroethoxy)methane
Concen: 73.388 ng
RT: 10.436 min Scan# 1250
Delta R.T. -0.002 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion: 93 Resp: 299758

Ion	Ratio	Lower	Upper
93	100		
95	32.0	25.4	38.2
123	9.7	8.4	12.6



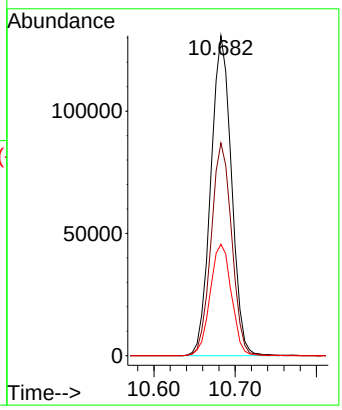


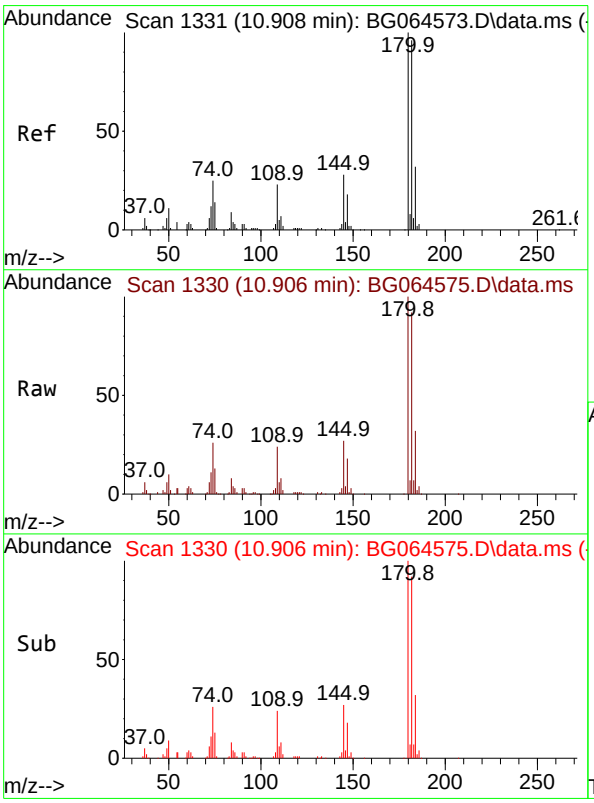
#29
2,4-Dichlorophenol
Concen: 80.526 ng
RT: 10.682 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:162 Resp: 231256

Ion	Ratio	Lower	Upper
162	100		
164	66.5	48.7	88.7
98	34.8	16.9	56.9

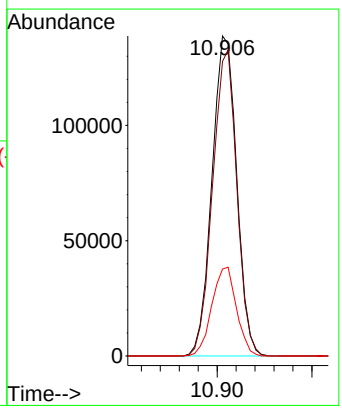


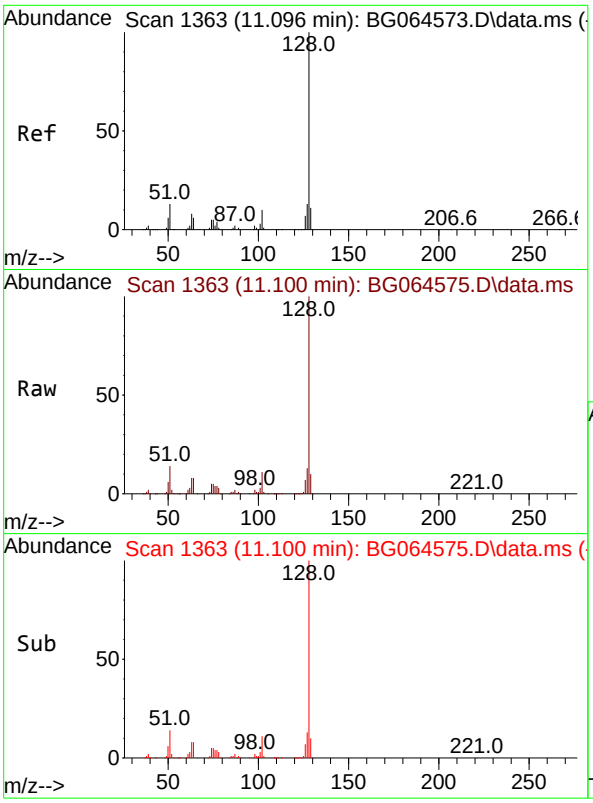


#30
1,2,4-Trichlorobenzene
Concen: 76.888 ng
RT: 10.906 min Scan# 1330
Delta R.T. -0.002 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:180 Resp: 250883

Ion	Ratio	Lower	Upper
180	100		
182	92.0	76.9	115.3
145	27.2	22.1	33.1



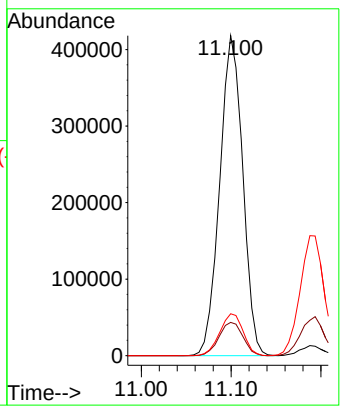


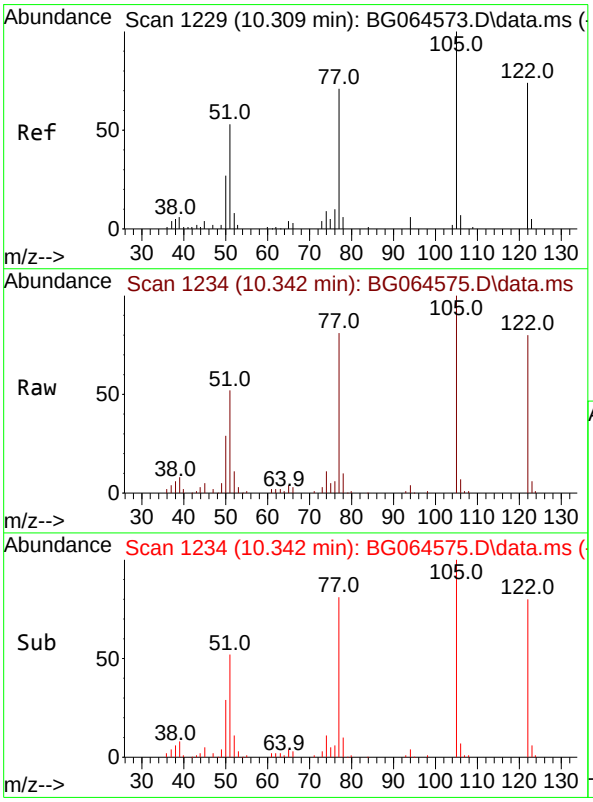
#31
Naphthalene
Concen: 74.828 ng
RT: 11.100 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:128 Resp: 744985

Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.8	13.2
127	13.1	10.6	15.8

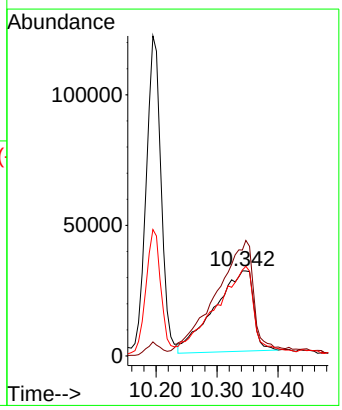


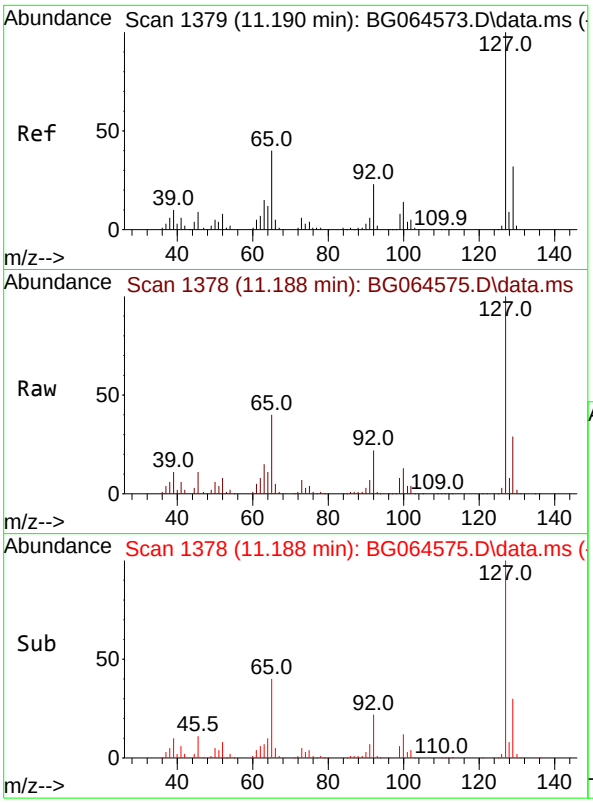


#32
Benzoic acid
Concen: 64.940 ng
RT: 10.342 min Scan# 1234
Delta R.T. 0.033 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:122 Resp: 138285

Ion	Ratio	Lower	Upper
122	100		
105	124.4	104.2	144.2
77	100.9	70.2	110.2



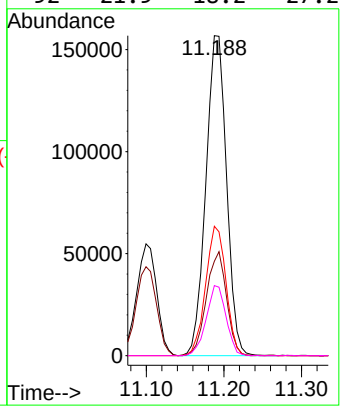


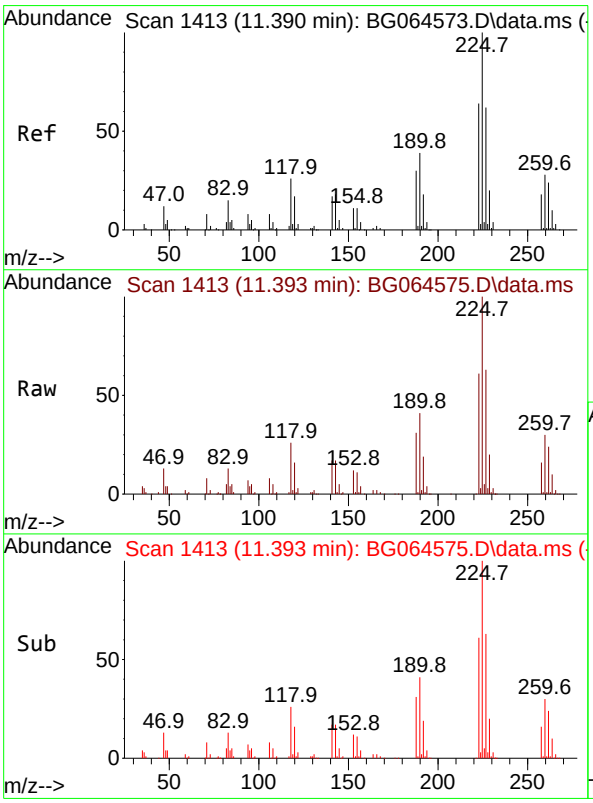
#33
4-Chloroaniline
Concen: 75.100 ng
RT: 11.188 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:127 Resp: 290611

Ion	Ratio	Lower	Upper
127	100		
129	29.5	25.5	38.3
65	40.5	32.2	48.4
92	21.9	18.2	27.2

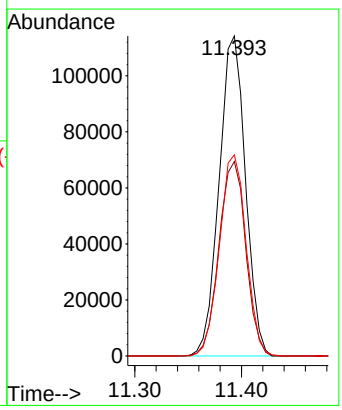


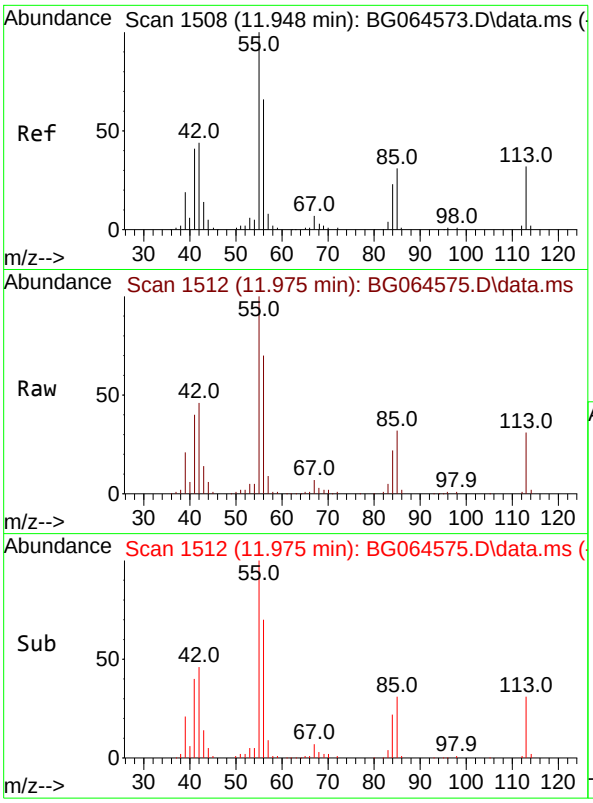


#34
Hexachlorobutadiene
Concen: 76.863 ng
RT: 11.393 min Scan# 1413
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:225 Resp: 196140

Ion	Ratio	Lower	Upper
225	100		
223	60.7	48.8	73.2
227	62.8	49.5	74.3



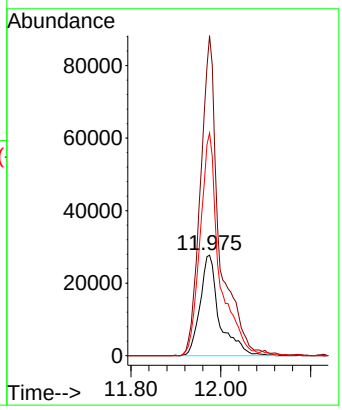


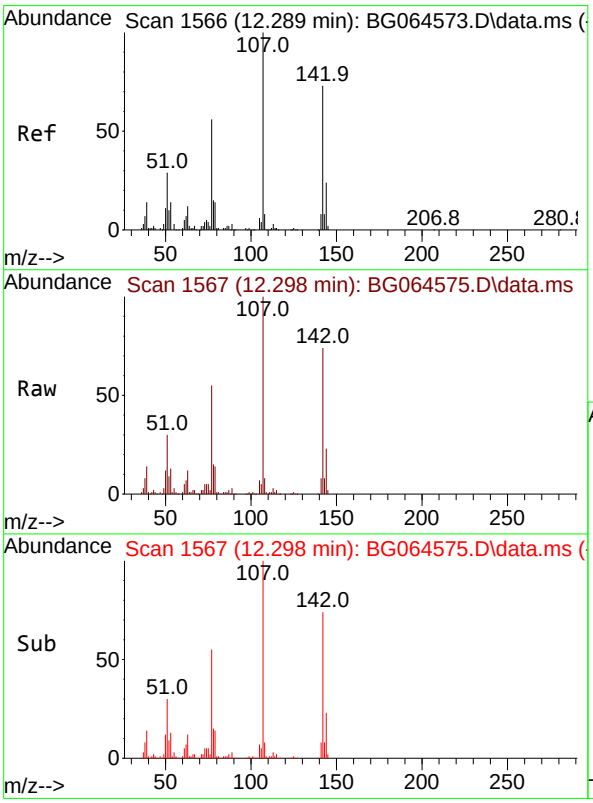
#35
Caprolactam
Concen: 75.596 ng
RT: 11.975 min Scan# 1
Delta R.T. 0.027 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:113 Resp: 83266

Ion	Ratio	Lower	Upper
113	100		
55	318.6	290.1	330.1
56	221.7	183.8	223.8

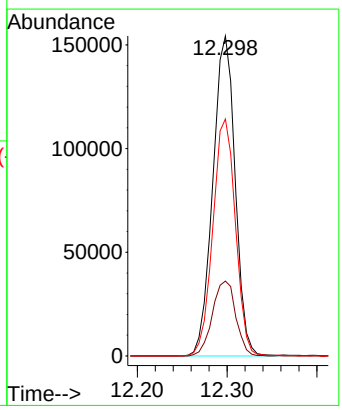


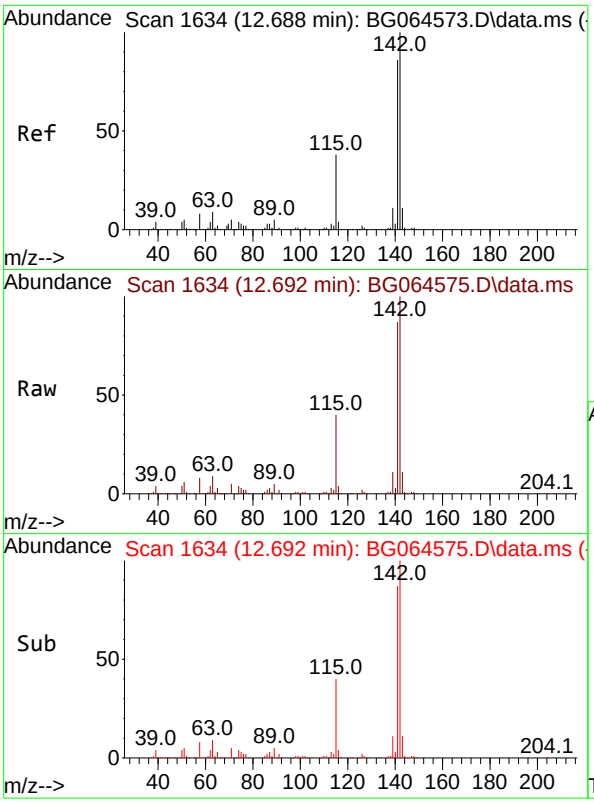


#36
4-Chloro-3-methylphenol
Concen: 77.031 ng
RT: 12.298 min Scan# 1567
Delta R.T. 0.009 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:107 Resp: 265909

Ion	Ratio	Lower	Upper
107	100		
144	23.4	19.1	28.7
142	74.0	58.6	87.8



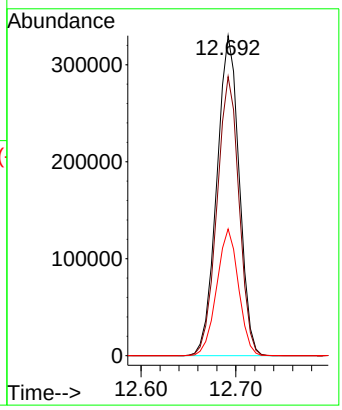


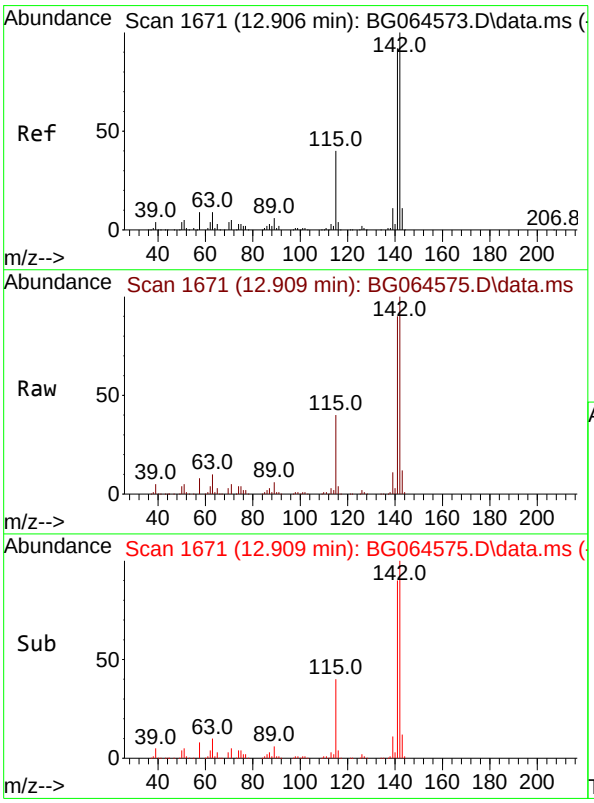
#37
2-Methylnaphthalene
Concen: 74.168 ng
RT: 12.692 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:142 Resp: 542132

Ion	Ratio	Lower	Upper
142	100		
141	87.2	68.9	103.3
115	39.6	30.6	46.0

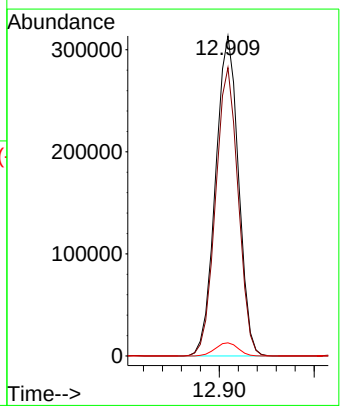


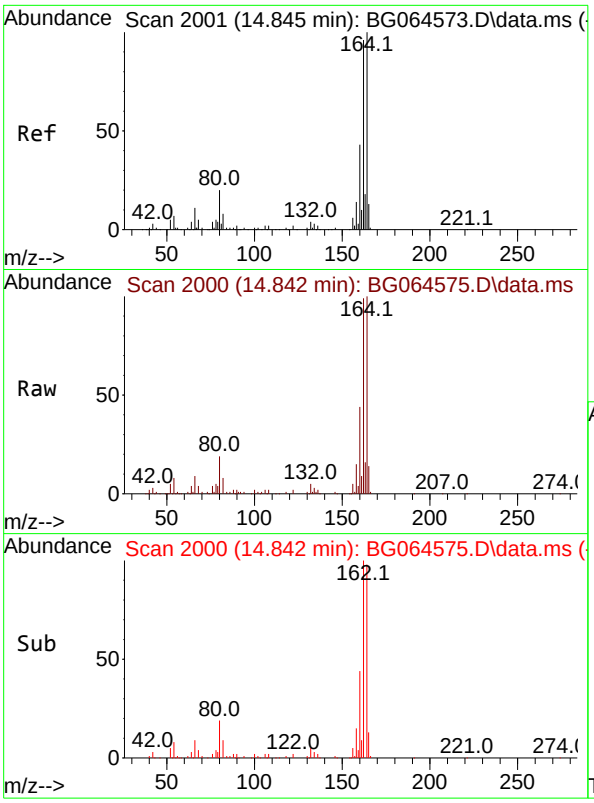


#38
1-Methylnaphthalene
Concen: 72.945 ng
RT: 12.909 min Scan# 1671
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:142 Resp: 527717

Ion	Ratio	Lower	Upper
142	100		
141	90.1	73.3	109.9
116	4.1	3.1	4.7



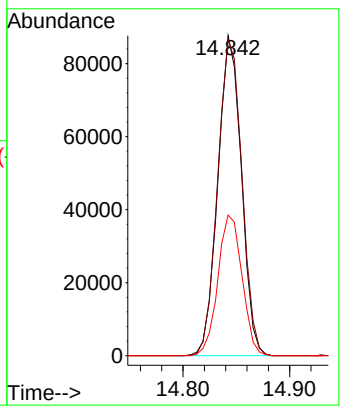


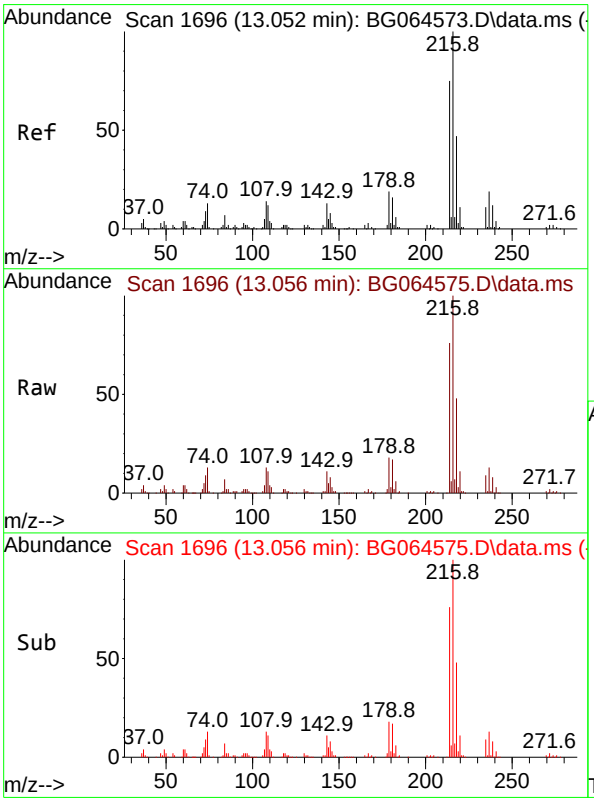
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.842 min Scan# 2
Delta R.T. -0.002 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:164 Resp: 133797

Ion	Ratio	Lower	Upper
164	100		
162	98.9	77.0	115.6
160	43.9	34.4	51.6

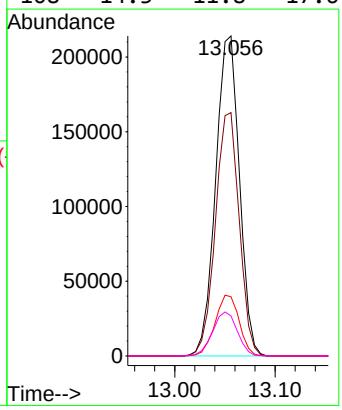


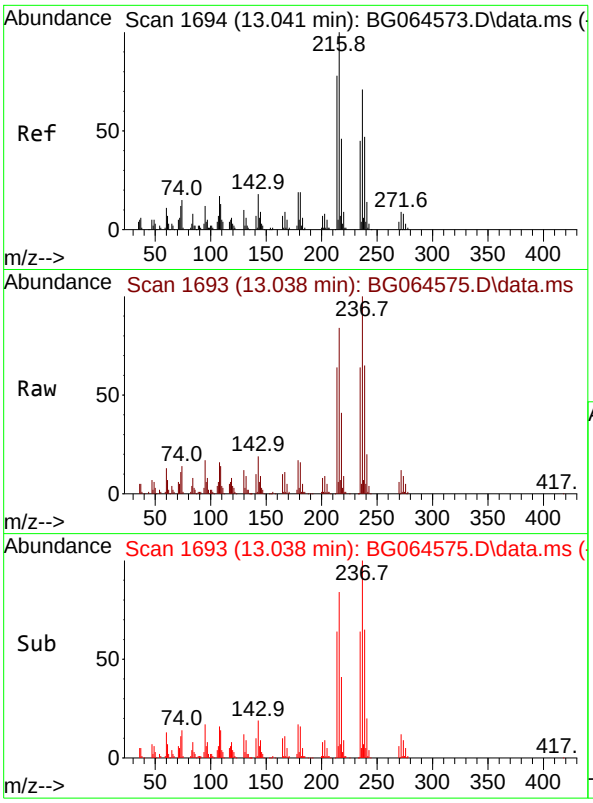


#40
1,2,4,5-Tetrachlorobenzene
Concen: 78.328 ng
RT: 13.056 min Scan# 1696
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:216 Resp: 351719

Ion	Ratio	Lower	Upper
216	100		
214	76.1	61.4	92.2
179	19.3	15.4	23.0
108	14.3	11.8	17.6



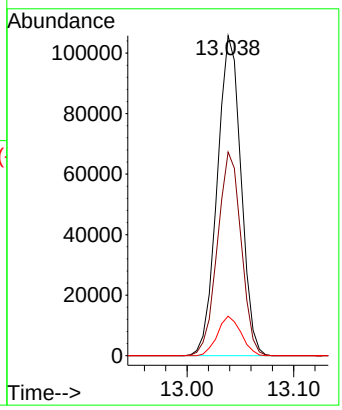


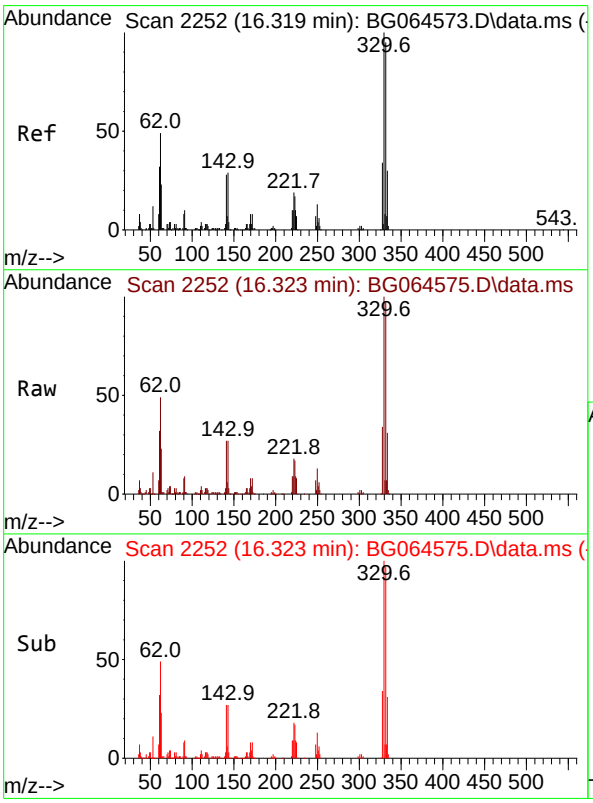
#41
Hexachlorocyclopentadiene
Concen: 80.876 ng
RT: 13.038 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:237 Resp: 163461

Ion	Ratio	Lower	Upper
237	100		
235	63.6	44.1	84.1
272	12.3	0.0	32.4

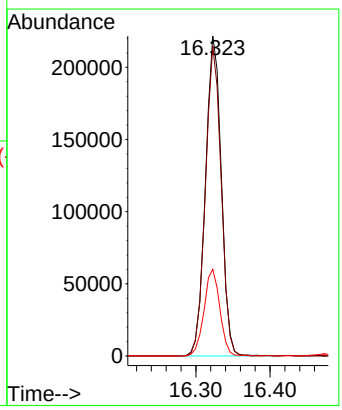


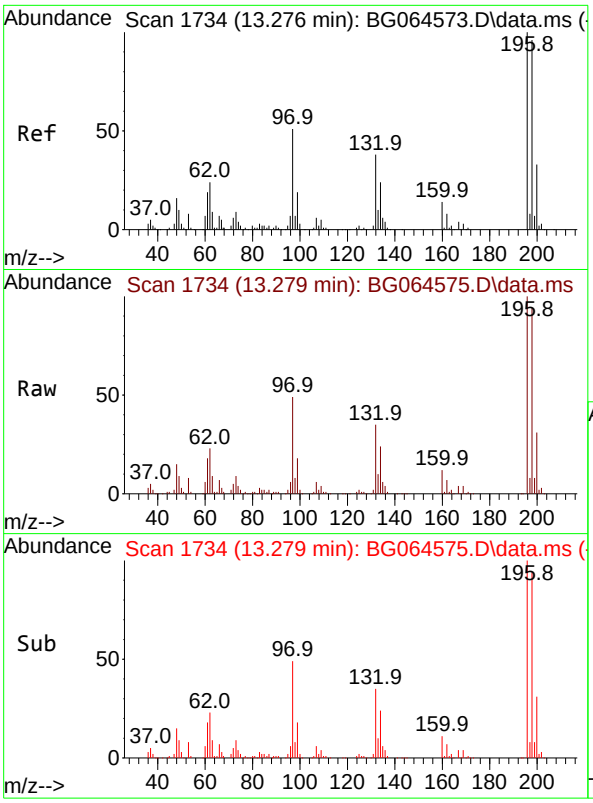


#42
2,4,6-Tribromophenol
Concen: 169.886 ng
RT: 16.323 min Scan# 2252
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:330 Resp: 328066

Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.0	117.0
141	27.1	21.8	32.6



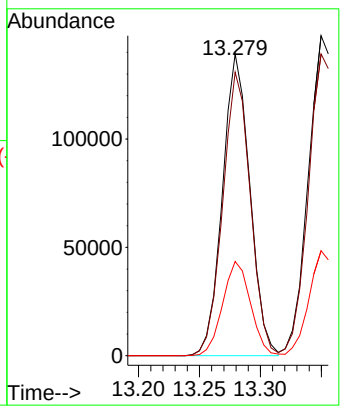


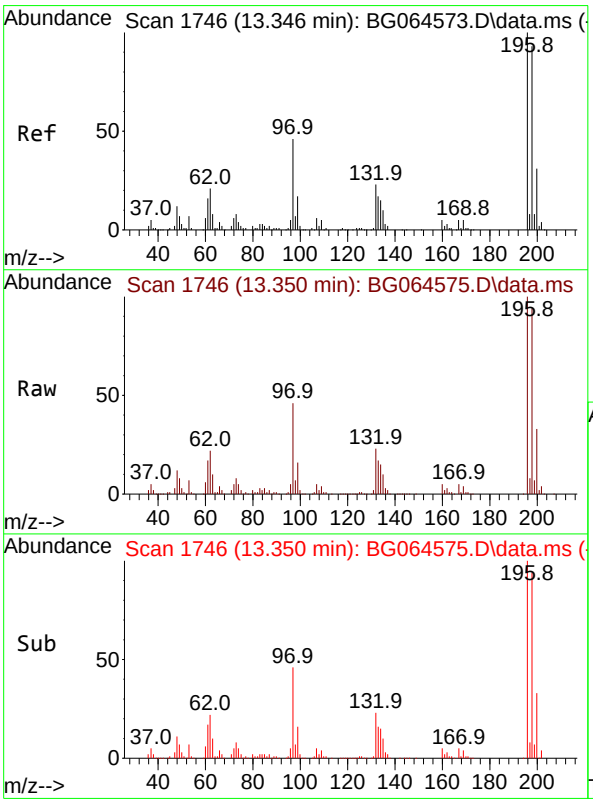
#43
2,4,6-Trichlorophenol
Concen: 84.998 ng
RT: 13.279 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:196 Resp: 218318

Ion	Ratio	Lower	Upper
196	100		
198	94.0	76.6	115.0
200	31.2	26.0	39.0

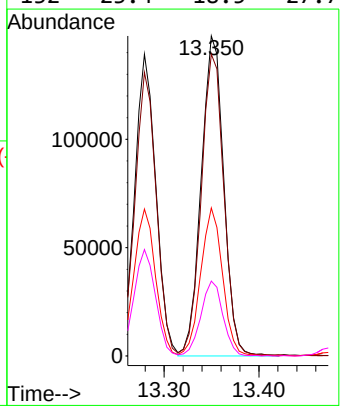


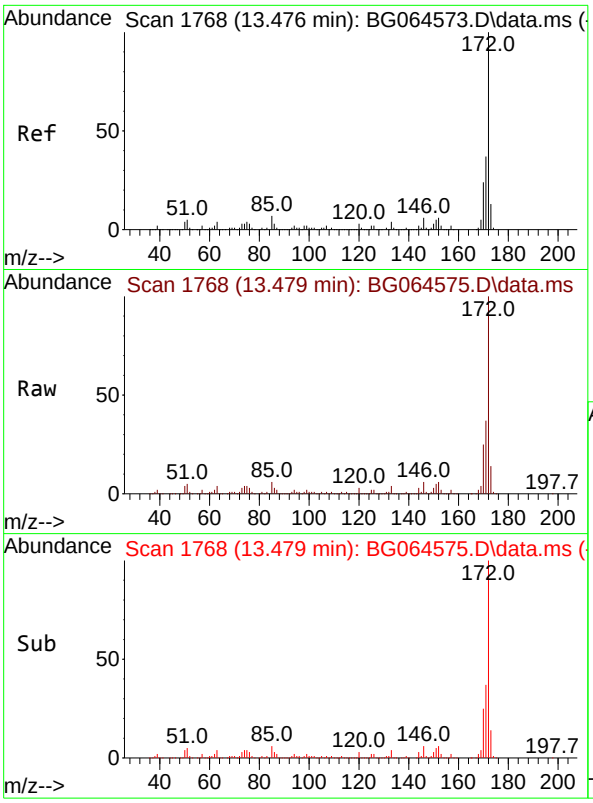


#44
2,4,5-Trichlorophenol
Concen: 82.064 ng
RT: 13.350 min Scan# 1746
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:196 Resp: 243241

Ion	Ratio	Lower	Upper
196	100		
198	94.3	74.2	111.4
97	46.3	37.0	55.6
132	23.4	18.5	27.7



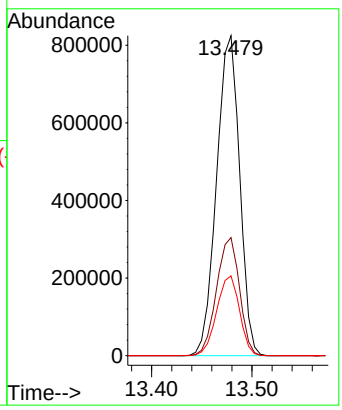


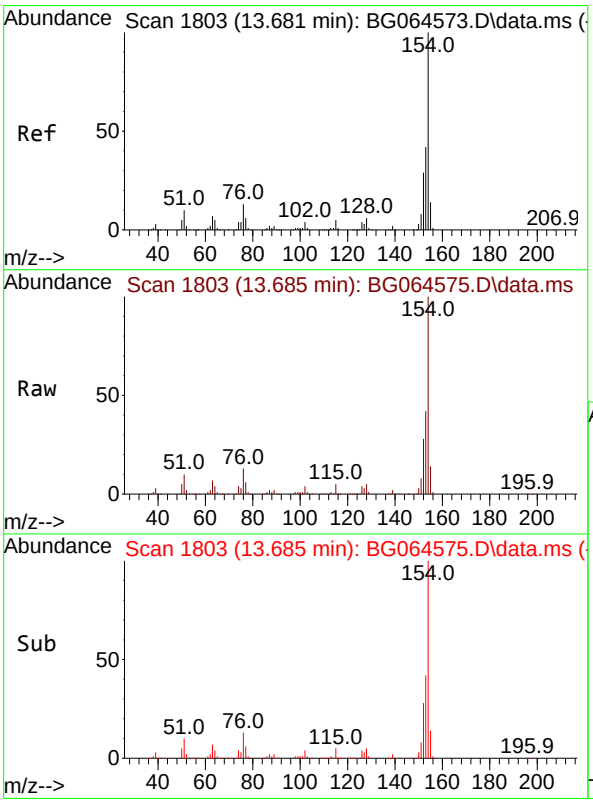
#45
2-Fluorobiphenyl
Concen: 148.960 ng
RT: 13.479 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:172 Resp: 1314892

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.0
170	24.9	19.1	28.7

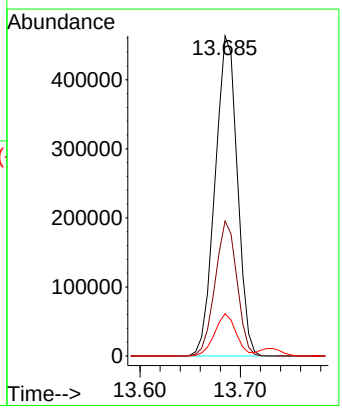


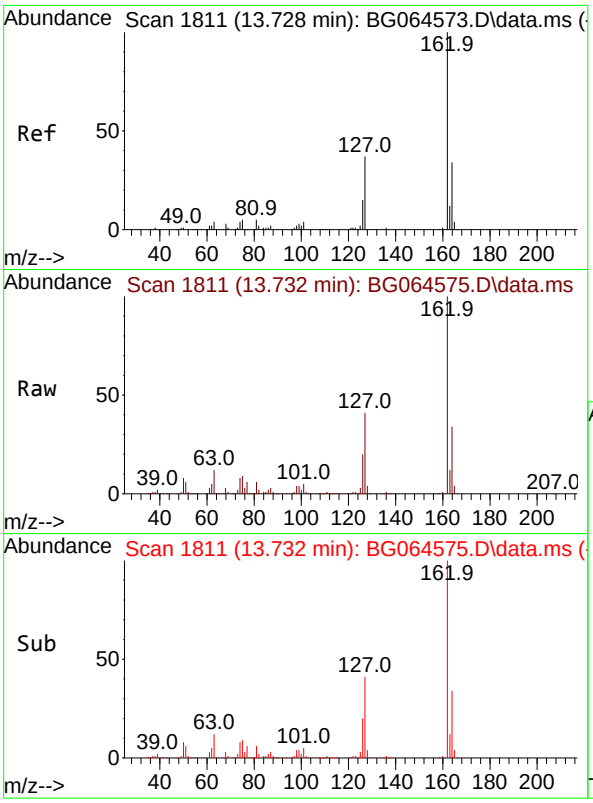


#46
1,1'-Biphenyl
Concen: 74.977 ng
RT: 13.685 min Scan# 1803
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:154 Resp: 713186

Ion	Ratio	Lower	Upper
154	100		
153	42.2	22.4	62.4
76	13.2	0.0	33.5



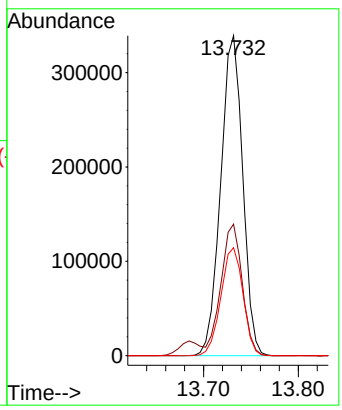


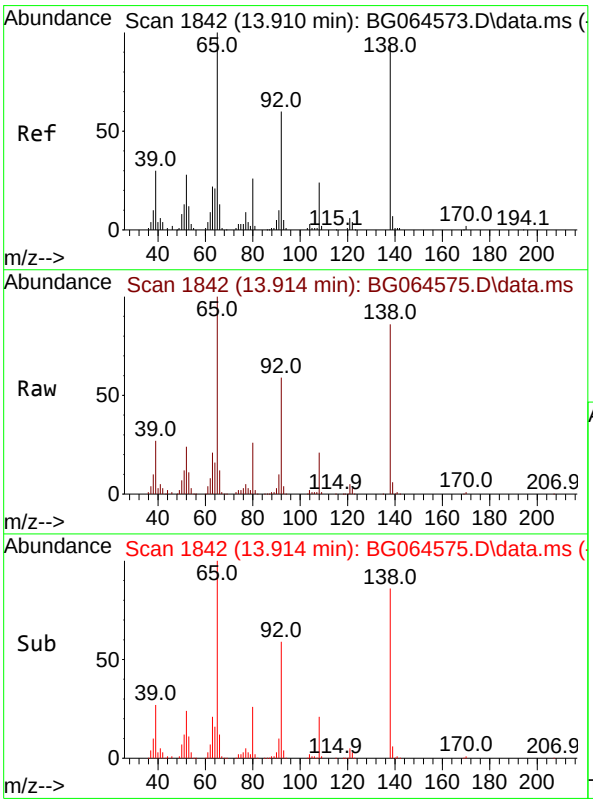
#47
2-Chloronaphthalene
Concen: 76.218 ng
RT: 13.732 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:162 Resp: 547242

Ion	Ratio	Lower	Upper
162	100		
127	41.1	32.2	48.2
164	33.7	27.5	41.3

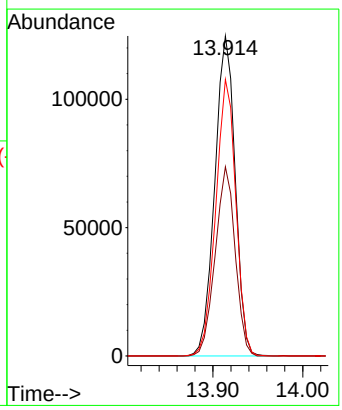


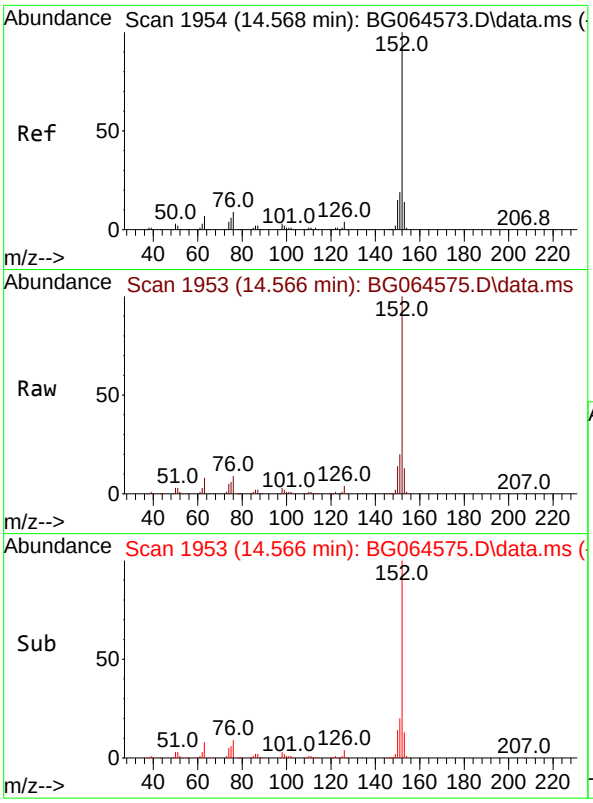


#48
2-Nitroaniline
Concen: 79.301 ng
RT: 13.914 min Scan# 1842
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion: 65 Resp: 196580

Ion	Ratio	Lower	Upper
65	100		
92	59.1	48.3	72.5
138	86.4	74.9	112.3



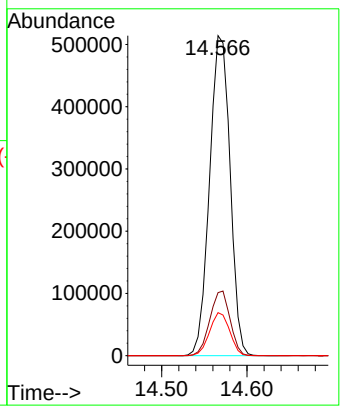


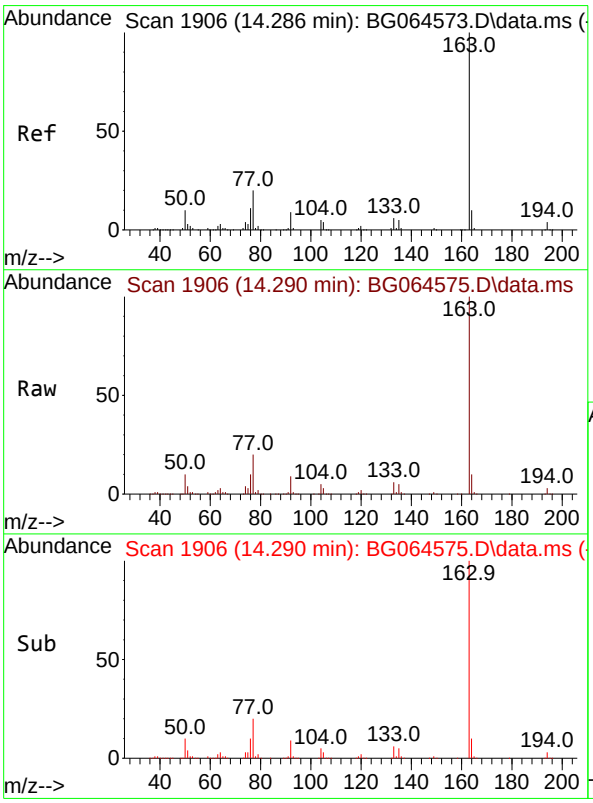
#49
Acenaphthylene
Concen: 75.806 ng
RT: 14.566 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:152 Resp: 858511

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.4	23.2
153	13.5	11.0	16.4

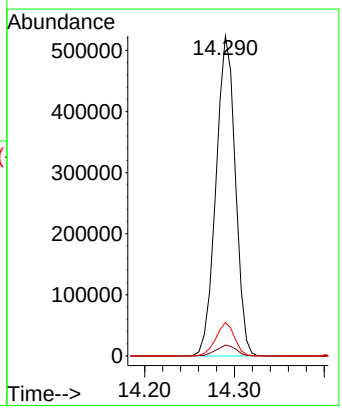


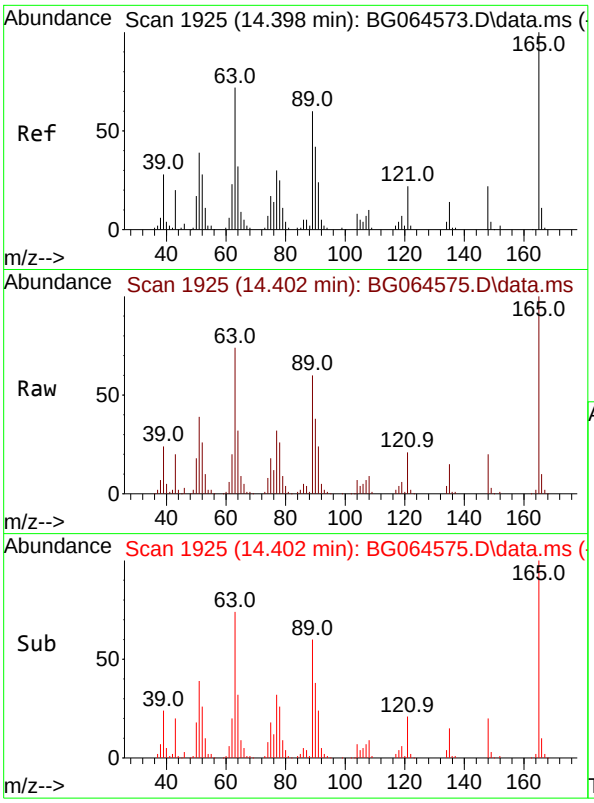


#50
Dimethylphthalate
Concen: 76.450 ng
RT: 14.290 min Scan# 1906
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:163 Resp: 782708

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.8	4.2
164	10.5	7.7	11.5



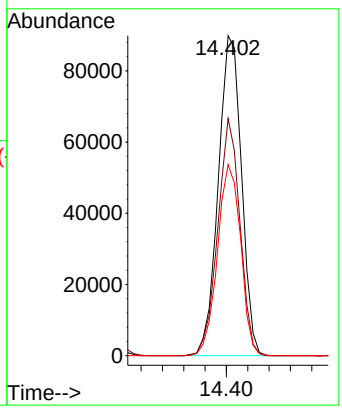


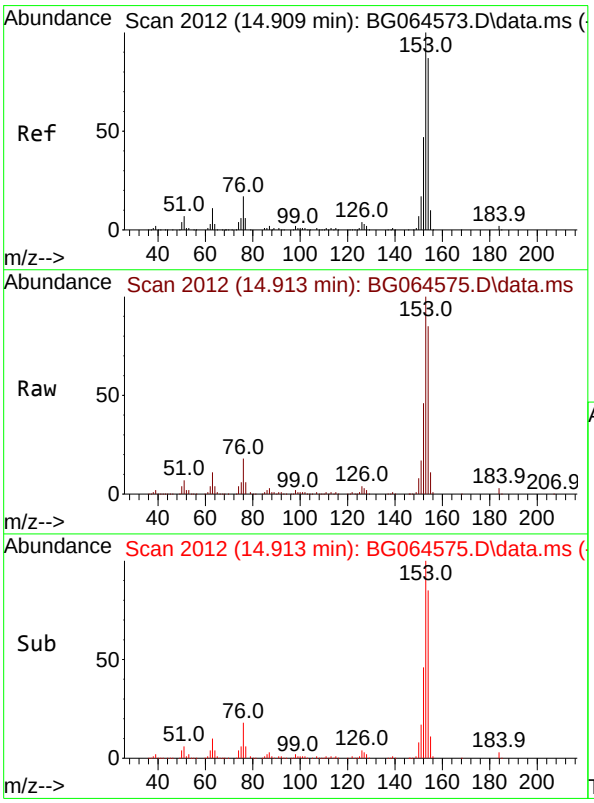
#51
2,6-Dinitrotoluene
Concen: 78.216 ng
RT: 14.402 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:165 Resp: 135769

Ion	Ratio	Lower	Upper
165	100		
63	74.1	57.4	86.0
89	59.7	47.8	71.8

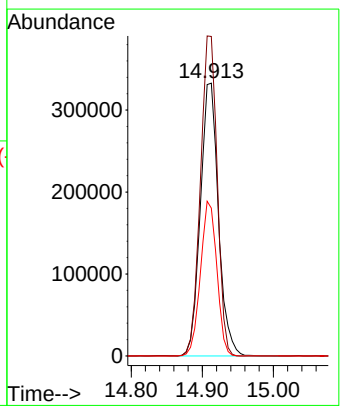


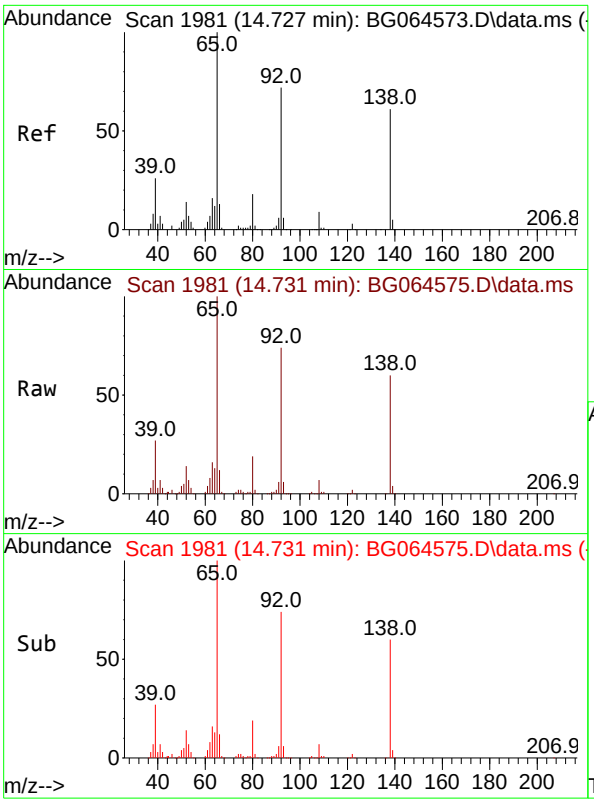


#52
Acenaphthene
Concen: 76.150 ng
RT: 14.913 min Scan# 2012
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:154 Resp: 589213

Ion	Ratio	Lower	Upper
154	100		
153	117.2	92.2	138.4
152	54.2	43.2	64.8



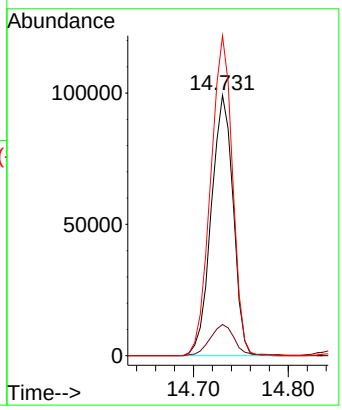


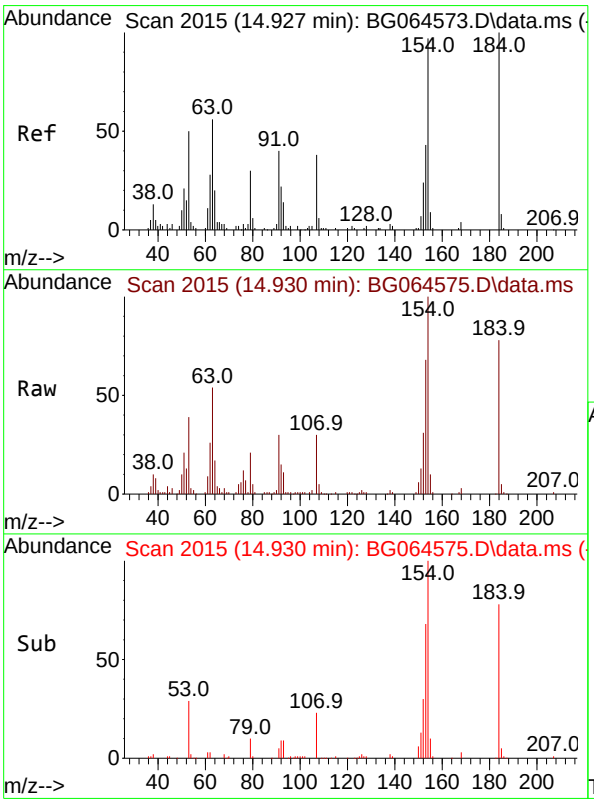
#53
3-Nitroaniline
Concen: 90.409 ng
RT: 14.731 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:138 Resp: 159072

Ion	Ratio	Lower	Upper
138	100		
108	12.0	11.4	17.0
92	122.9	95.3	142.9

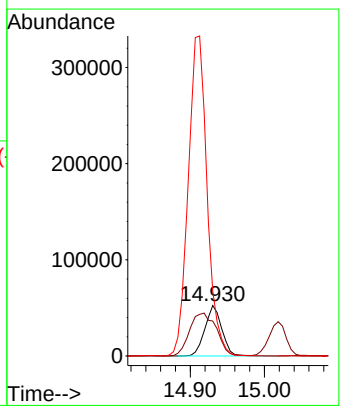


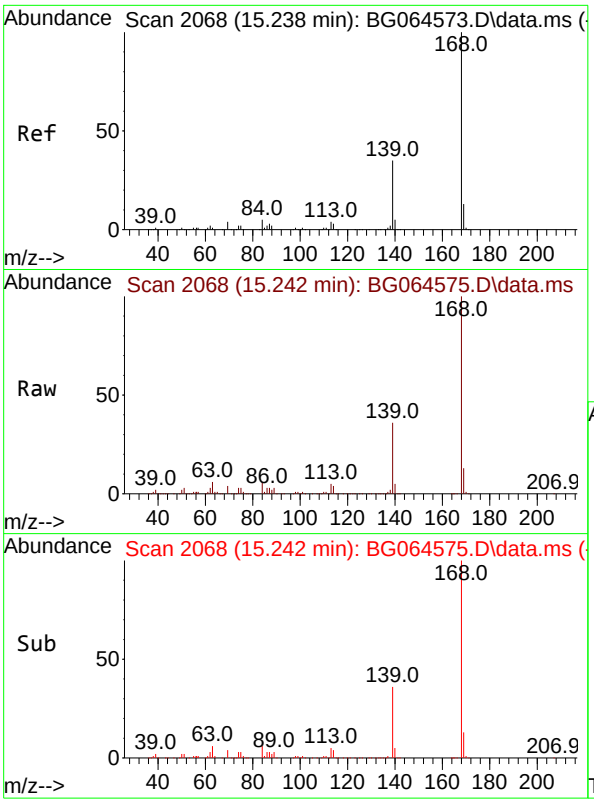


#54
2,4-Dinitrophenol
Concen: 79.755 ng
RT: 14.930 min Scan# 2015
Delta R.T. 0.003 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:184 Resp: 82655

Ion	Ratio	Lower	Upper
184	100		
63	69.0	56.6	85.0
154	128.4	158.6	238.0#



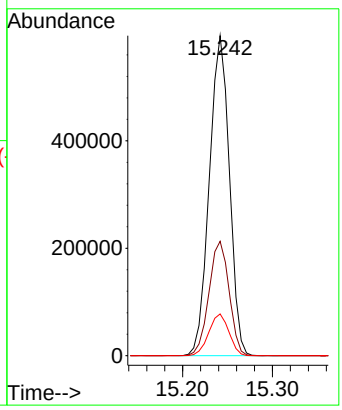


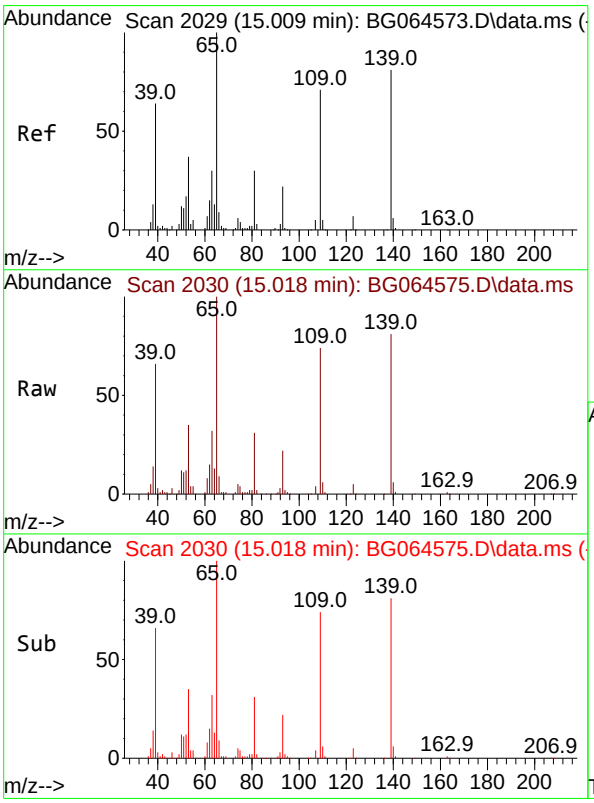
#55
Dibenzofuran
Concen: 73.816 ng
RT: 15.242 min Scan# 2
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:168 Resp: 923386

Ion	Ratio	Lower	Upper
168	100		
139	35.8	27.8	41.8
169	13.0	10.3	15.5

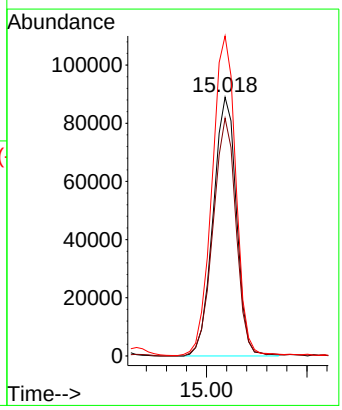


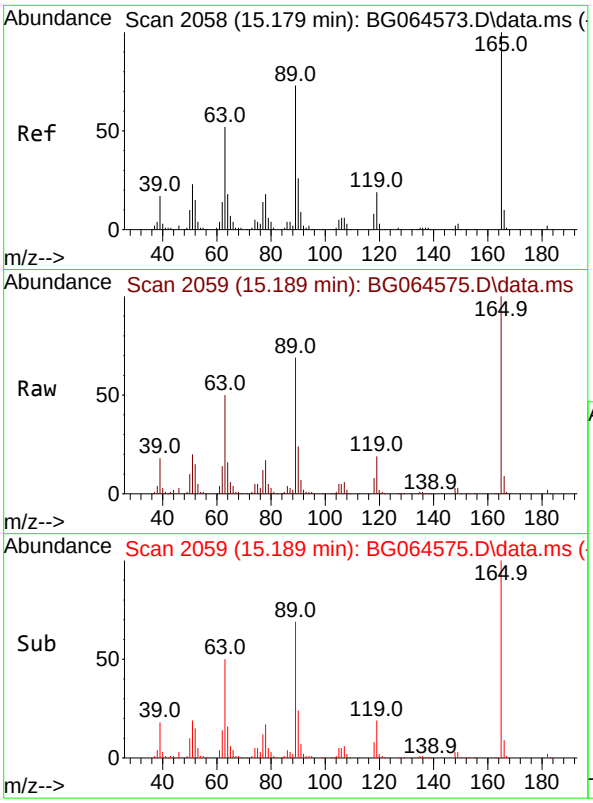


#56
4-Nitrophenol
Concen: 87.640 ng
RT: 15.018 min Scan# 2030
Delta R.T. 0.009 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:139 Resp: 142966

Ion	Ratio	Lower	Upper
139	100		
109	91.9	67.8	107.8
65	123.7	103.7	143.7



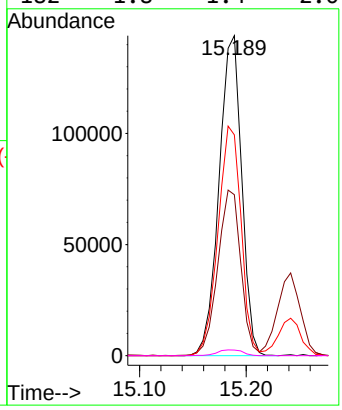


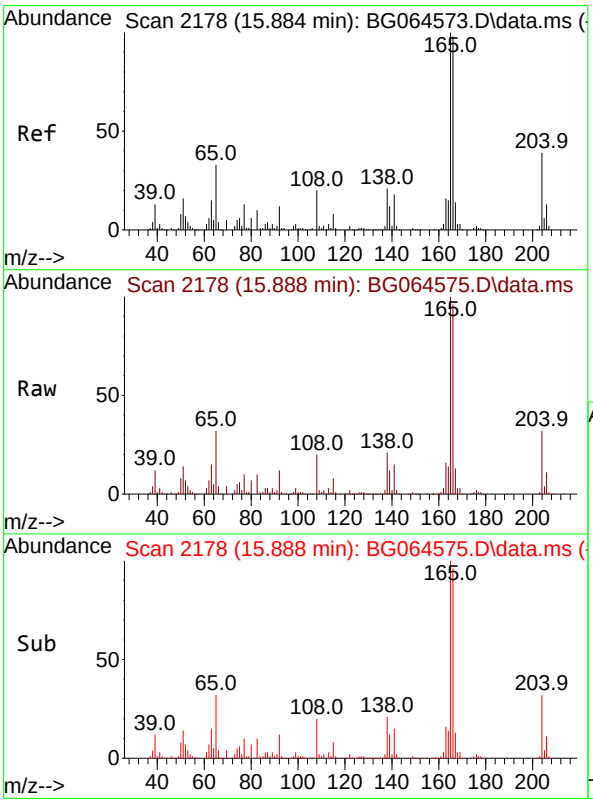
#57
2,4-Dinitrotoluene
Concen: 79.117 ng
RT: 15.189 min Scan# 2
Delta R.T. 0.010 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:165 Resp: 212164

Ion	Ratio	Lower	Upper
165	100		
63	50.3	41.8	62.8
89	69.0	58.1	87.1
182	1.8	1.4	2.0

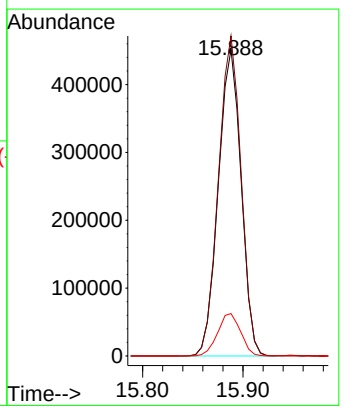


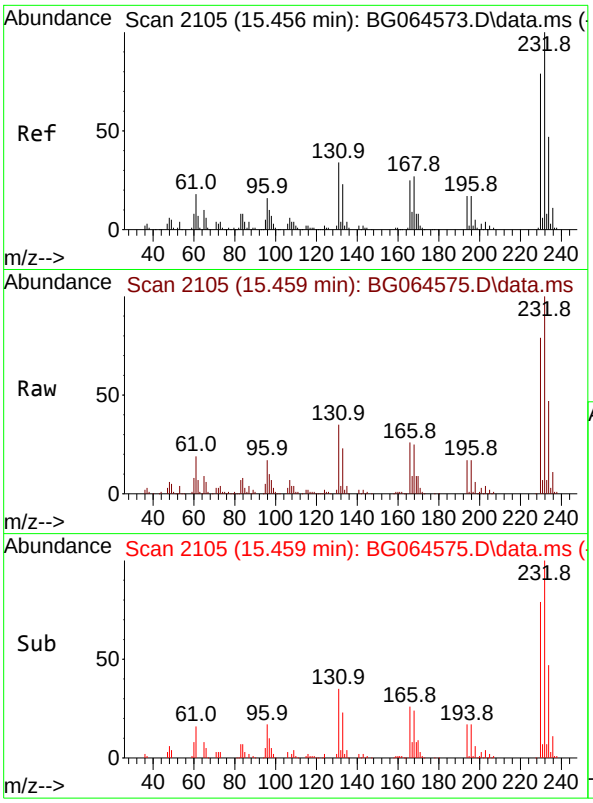


#58
Fluorene
Concen: 72.801 ng
RT: 15.888 min Scan# 2178
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:166 Resp: 711212

Ion	Ratio	Lower	Upper
166	100		
165	104.4	81.5	122.3
167	13.8	11.4	17.0



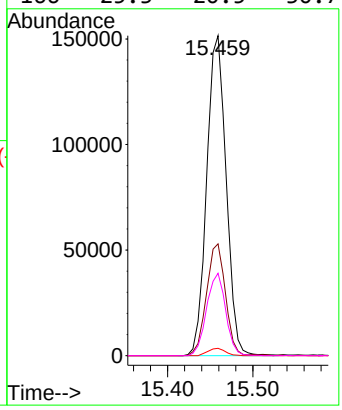


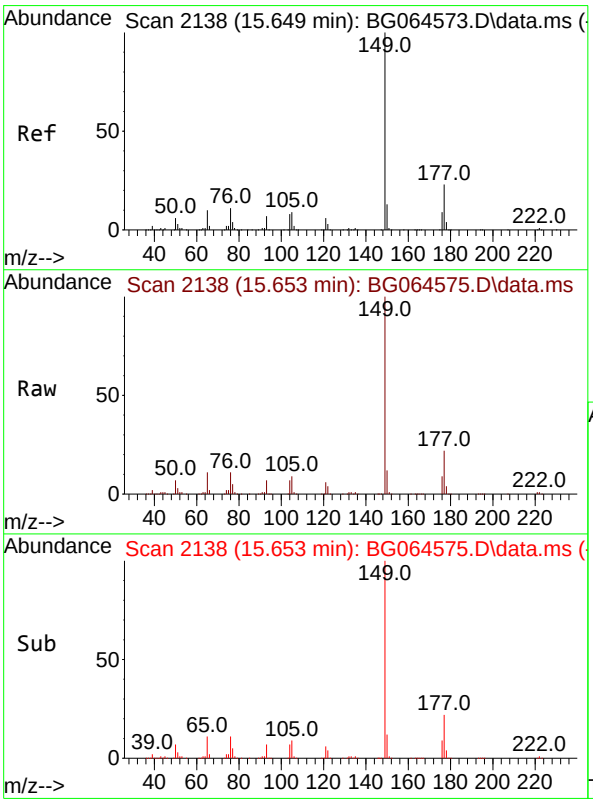
#59
2,3,4,6-Tetrachlorophenol
Concen: 84.708 ng
RT: 15.459 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:232 Resp: 240094

Ion	Ratio	Lower	Upper
232	100		
131	34.1	26.7	40.1
130	2.1	1.6	2.4
166	25.3	20.5	30.7

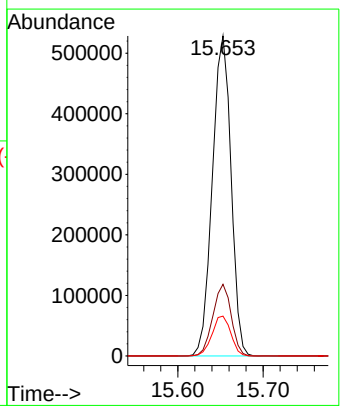


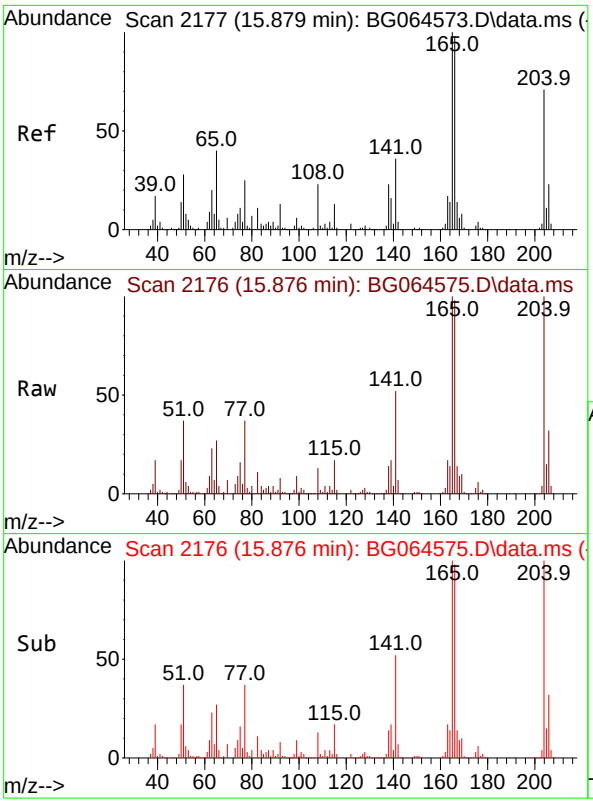


#60
Diethylphthalate
Concen: 76.874 ng
RT: 15.653 min Scan# 2138
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:149 Resp: 803621

Ion	Ratio	Lower	Upper
149	100		
177	22.4	18.0	27.0
150	12.4	10.2	15.4



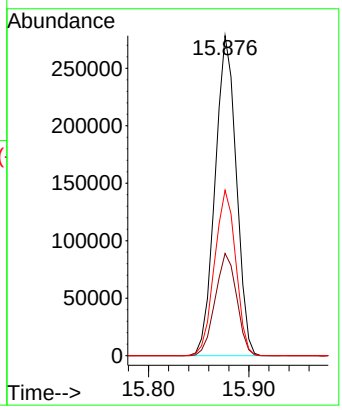


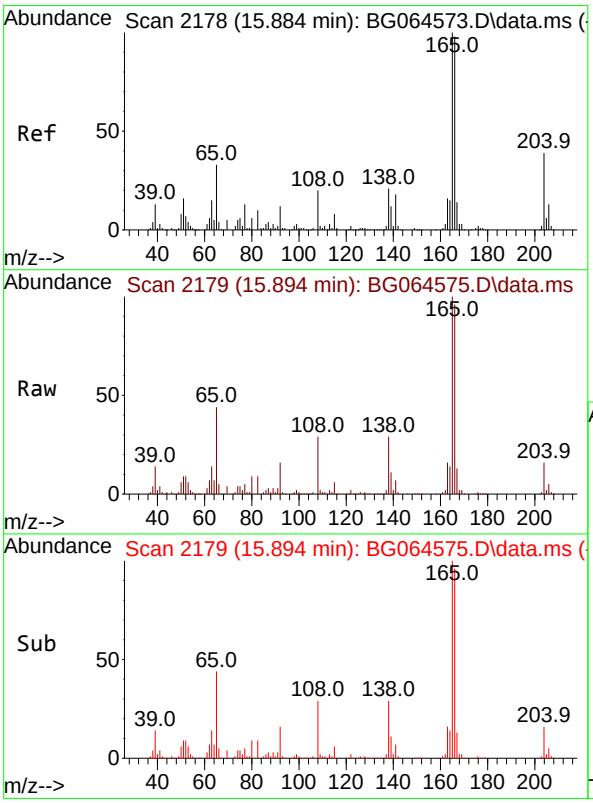
#61
4-Chlorophenyl-phenylether
Concen: 74.463 ng
RT: 15.876 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:204 Resp: 408239

Ion	Ratio	Lower	Upper
204	100		
206	32.0	25.6	38.4
141	51.7	40.6	60.8

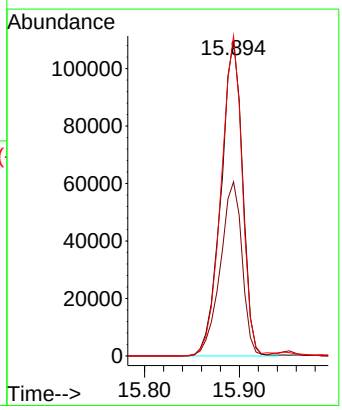


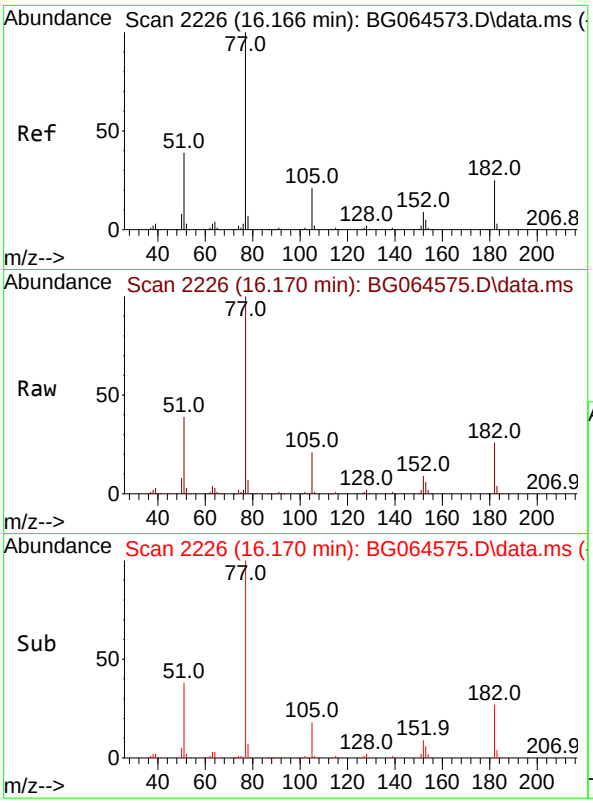


#62
4-Nitroaniline
Concen: 88.462 ng
RT: 15.894 min Scan# 2179
Delta R.T. 0.009 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:138 Resp: 173159

Ion	Ratio	Lower	Upper
138	100		
92	55.1	36.1	76.1
108	101.4	75.6	115.6



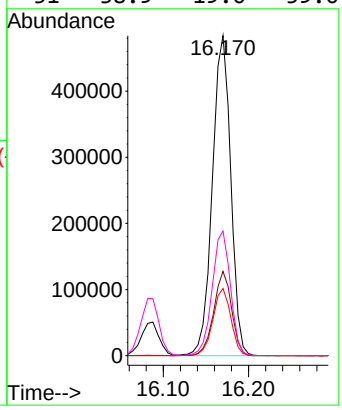


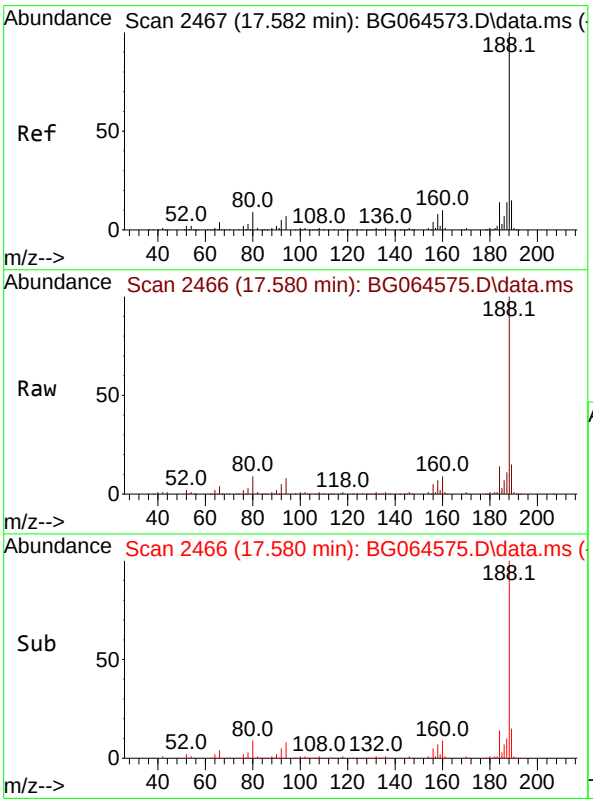
#63
Azobenzene
Concen: 75.482 ng
RT: 16.170 min Scan# 2
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 723988

Ion	Ratio	Lower	Upper
77	100		
182	26.3	4.9	44.9
105	21.0	1.3	41.3
51	38.9	19.0	59.0

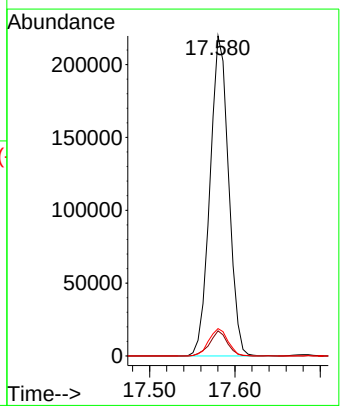


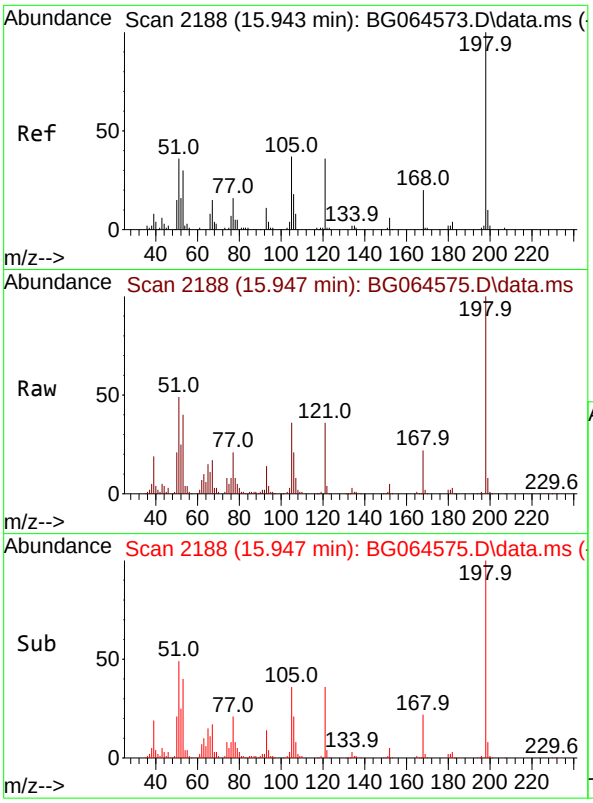


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.580 min Scan# 2466
Delta R.T. -0.002 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:188 Resp: 333421

Ion	Ratio	Lower	Upper
188	100		
94	7.9	5.7	8.5
80	8.6	6.8	10.2



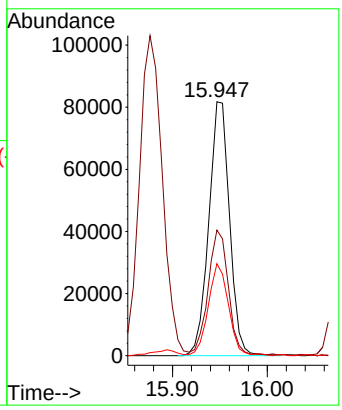


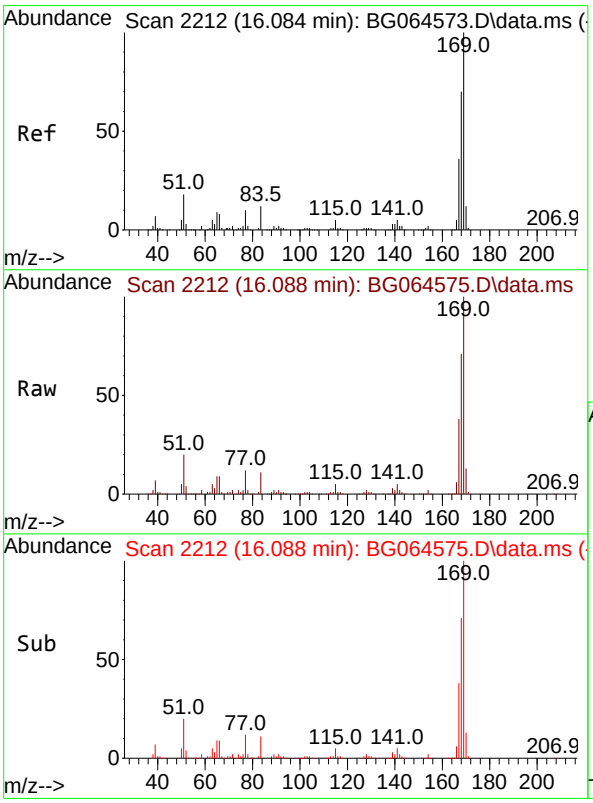
#65
4,6-Dinitro-2-methylphenol
Concen: 80.450 ng
RT: 15.947 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:198 Resp: 124101

Ion	Ratio	Lower	Upper
198	100		
51	49.5	24.7	64.7
105	36.3	18.0	58.0

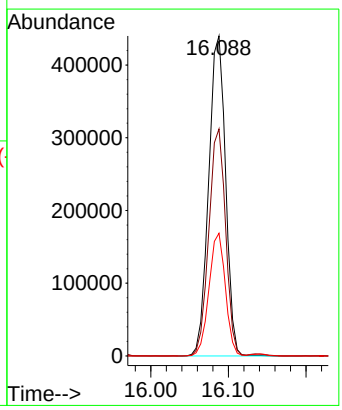


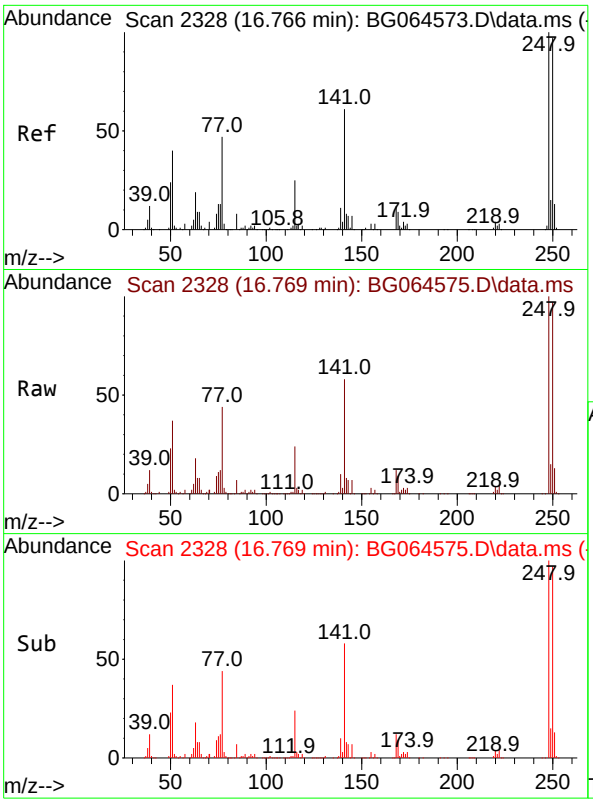


#66
n-Nitrosodiphenylamine
Concen: 74.020 ng
RT: 16.088 min Scan# 2212
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:169 Resp: 666665

Ion	Ratio	Lower	Upper
169	100		
168	71.0	56.3	84.5
167	38.3	29.0	43.6



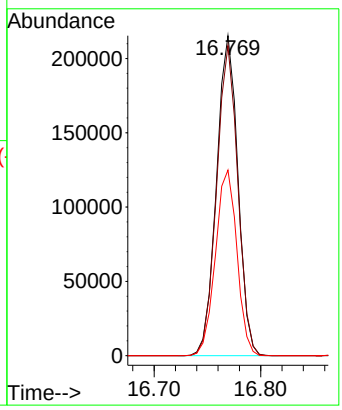


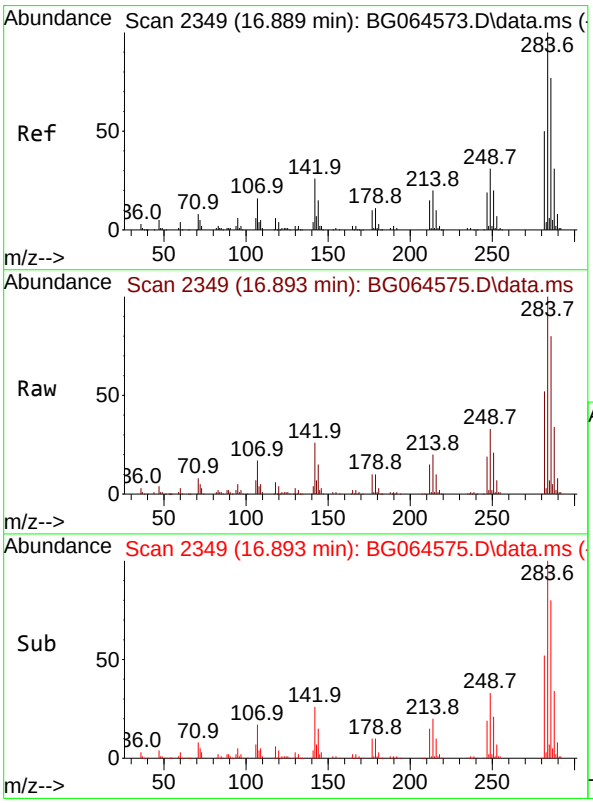
#67
4-Bromophenyl-phenylether
Concen: 75.762 ng
RT: 16.769 min Scan# 2
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:248 Resp: 299348

Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.7	116.5
141	58.0	48.6	72.8

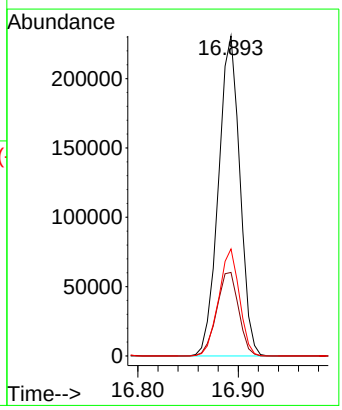


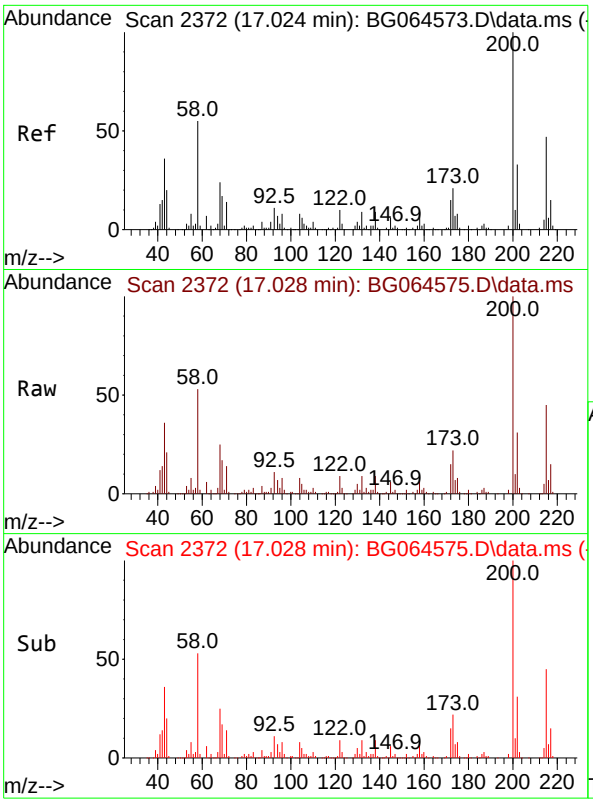


#68
Hexachlorobenzene
Concen: 75.724 ng
RT: 16.893 min Scan# 2349
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:284 Resp: 341338

Ion	Ratio	Lower	Upper
284	100		
142	26.1	21.0	31.6
249	35.4	24.9	37.3



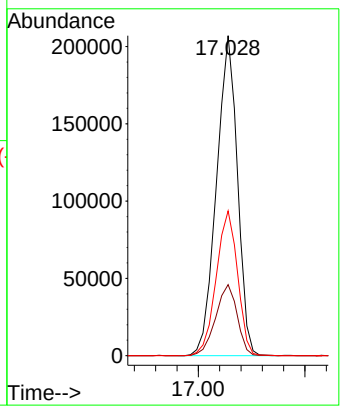


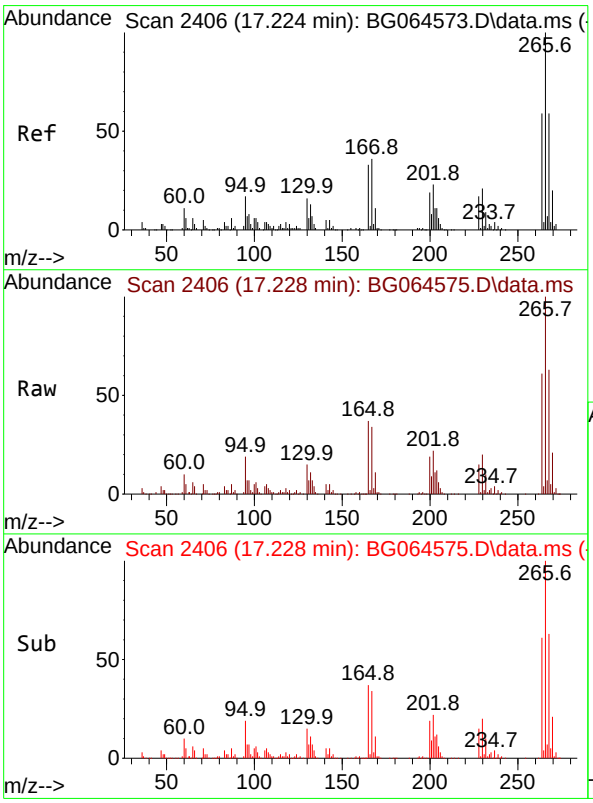
#69
Atrazine
Concen: 72.745 ng
RT: 17.028 min Scan# 2
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:200 Resp: 281950

Ion	Ratio	Lower	Upper
200	100		
173	22.2	0.9	40.9
215	45.2	27.0	67.0

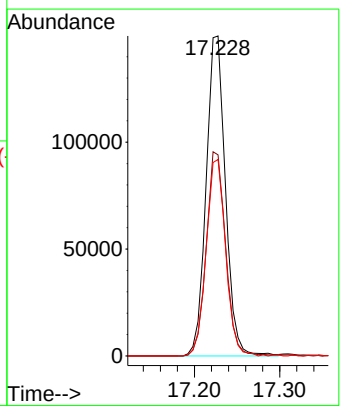


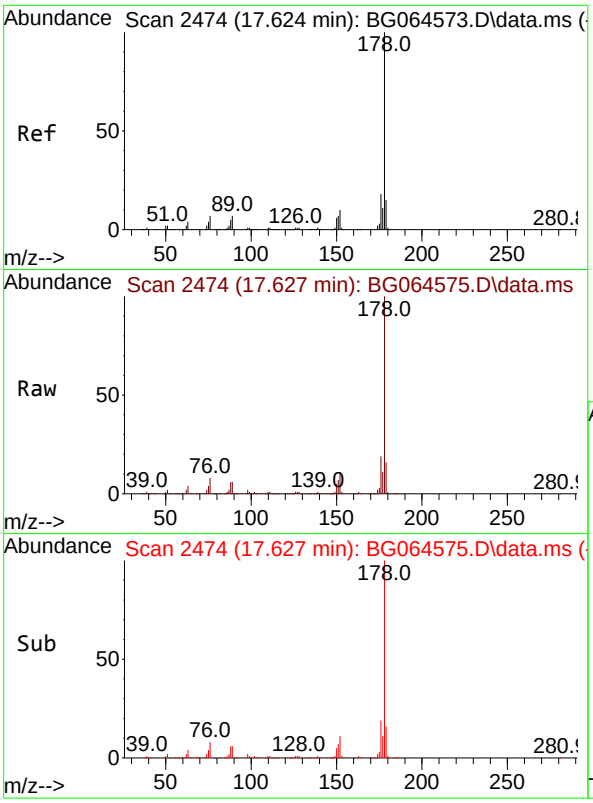


#70
Pentachlorophenol
Concen: 83.771 ng
RT: 17.228 min Scan# 2406
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:266 Resp: 235472

Ion	Ratio	Lower	Upper
266	100		
268	67.7	50.3	75.5
264	65.8	47.3	70.9



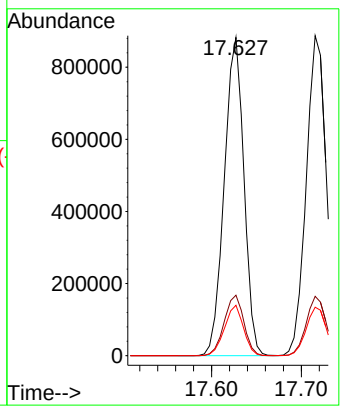


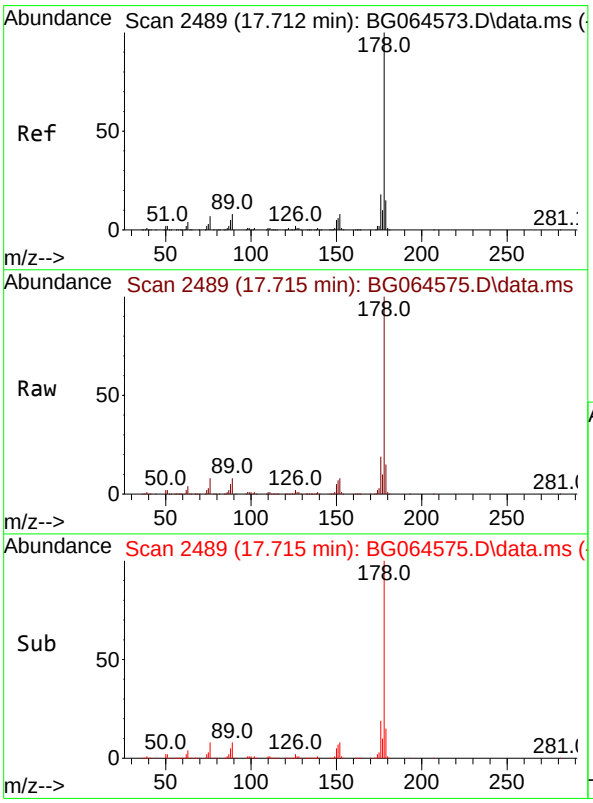
#71
Phenanthrene
Concen: 73.525 ng
RT: 17.627 min Scan# 24
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:178 Resp: 1340610

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.7	22.1
179	15.8	12.2	18.4

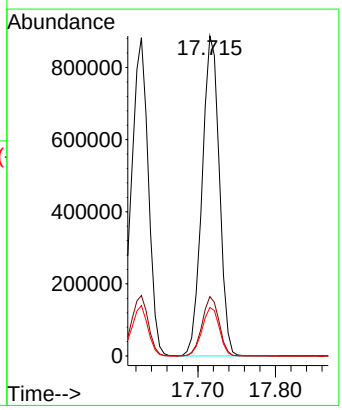


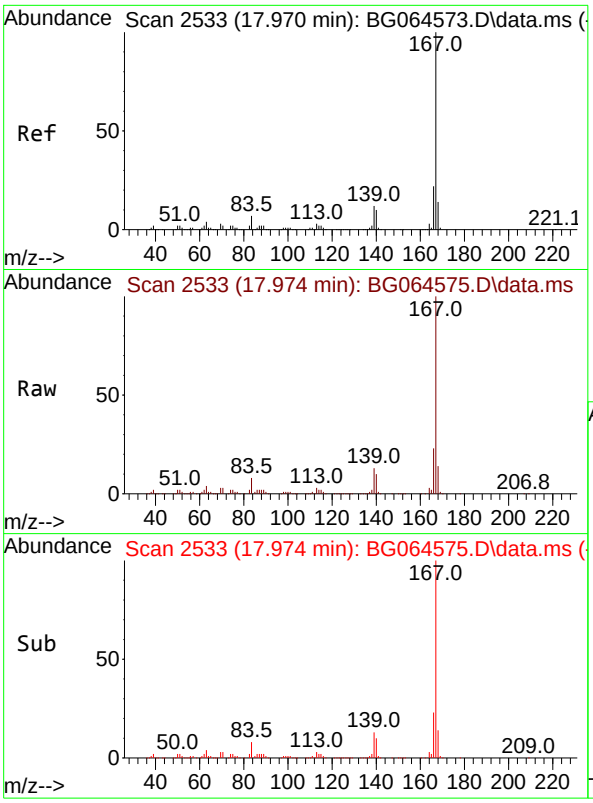


#72
Anthracene
Concen: 73.704 ng
RT: 17.715 min Scan# 2489
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:178 Resp: 1367044

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.4	21.6
179	15.1	12.4	18.6



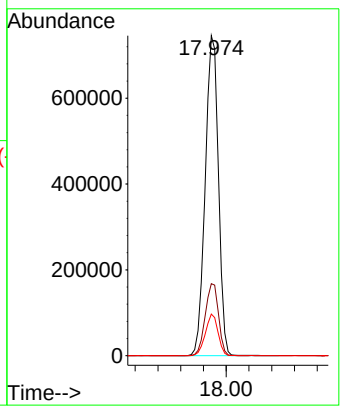


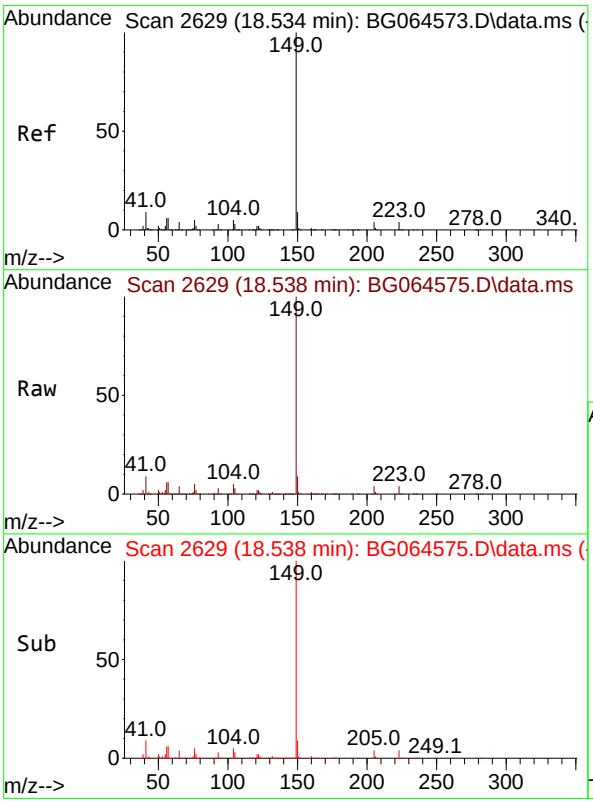
#73
Carbazole
Concen: 73.122 ng
RT: 17.974 min Scan# 2
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:167 Resp: 1195960

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.9	26.9
139	13.0	9.7	14.5

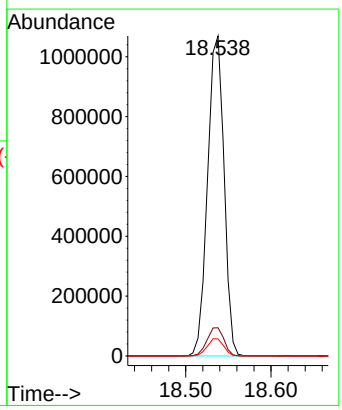


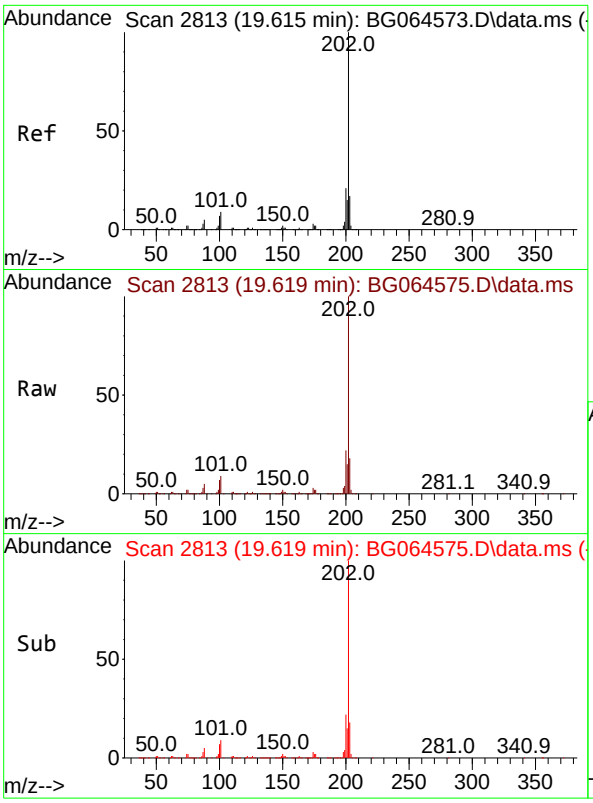


#74
Di-n-butylphthalate
Concen: 75.790 ng
RT: 18.538 min Scan# 2629
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:149 Resp: 1433446

Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.0	10.6
104	5.4	4.1	6.1



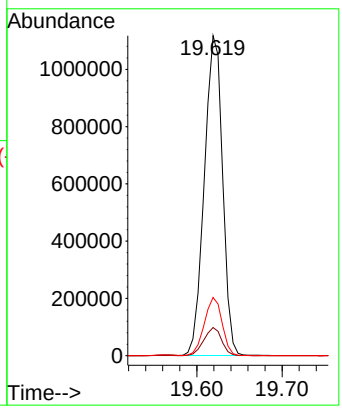


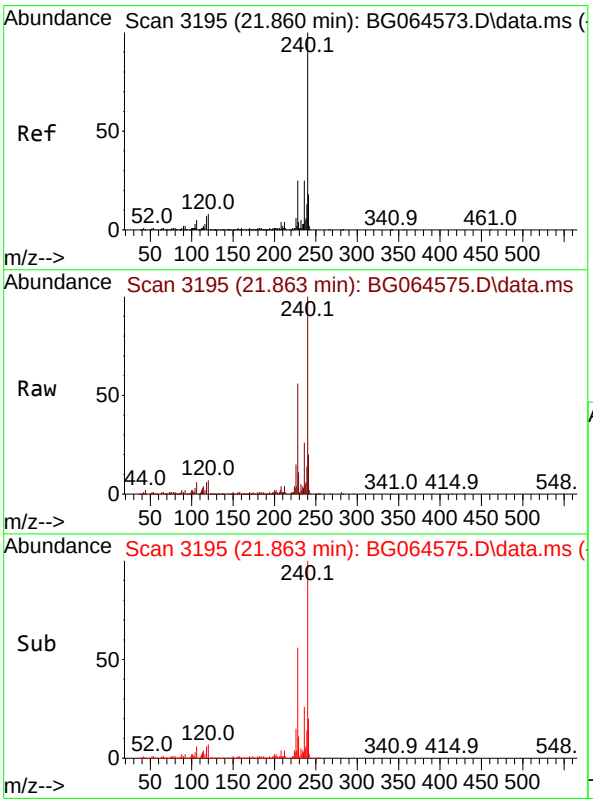
#75
Fluoranthene
Concen: 72.835 ng
RT: 19.619 min Scan# 2
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:202 Resp: 1663673

Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	28.7
203	18.2	0.0	37.0

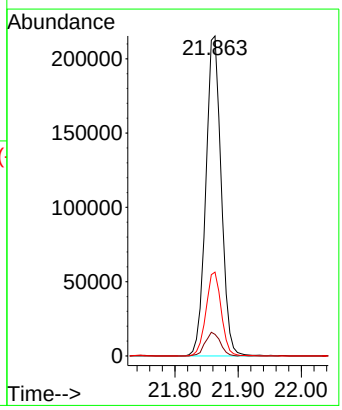


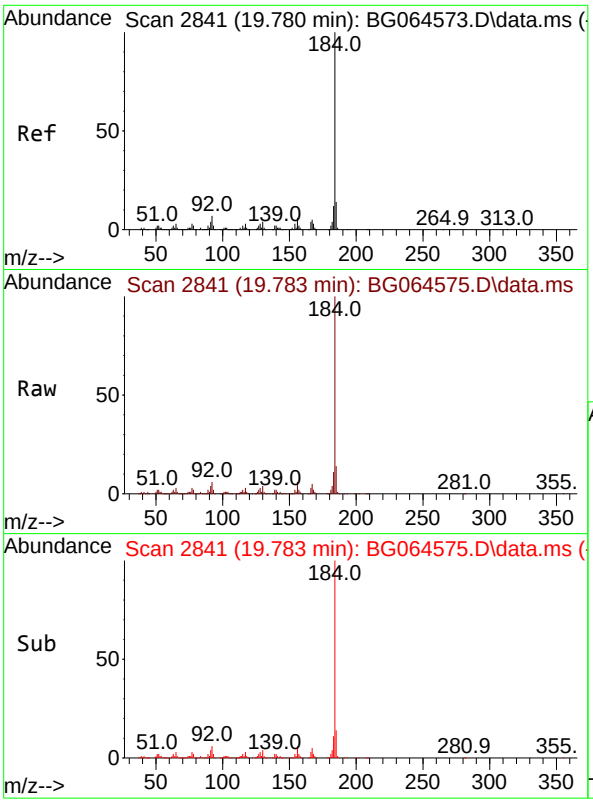


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.863 min Scan# 3195
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:240 Resp: 363291

Ion	Ratio	Lower	Upper
240	100		
120	6.7	6.5	9.7
236	26.2	20.2	30.2



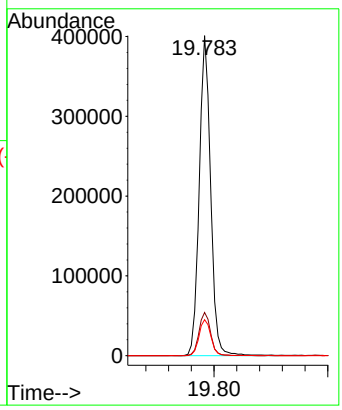


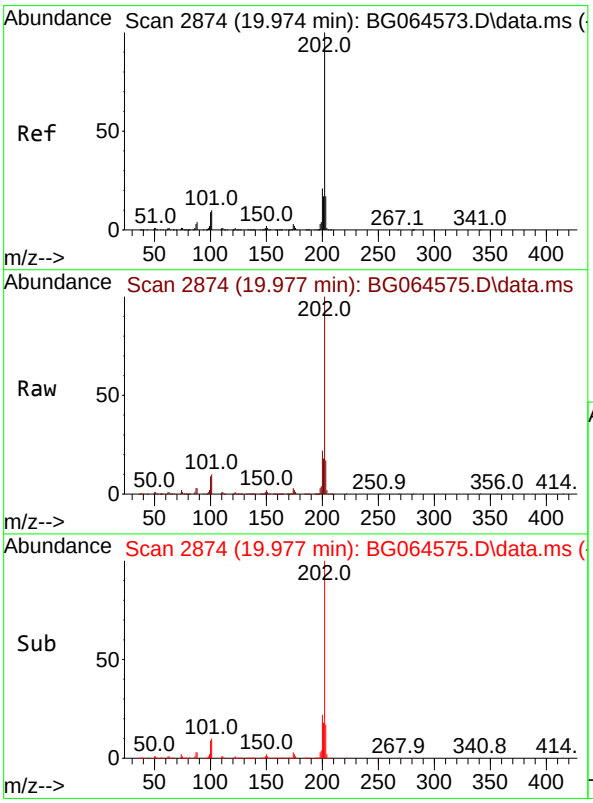
#77
Benzidine
Concen: 68.376 ng
RT: 19.783 min Scan# 2
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:184 Resp: 556525

Ion	Ratio	Lower	Upper
184	100		
185	13.5	11.4	17.2
183	11.3	9.4	14.2

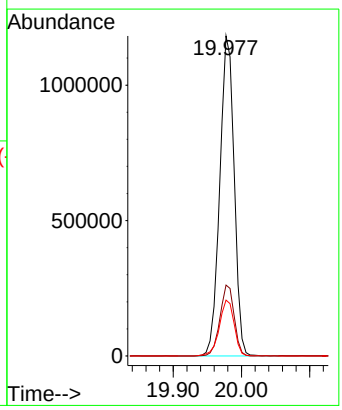


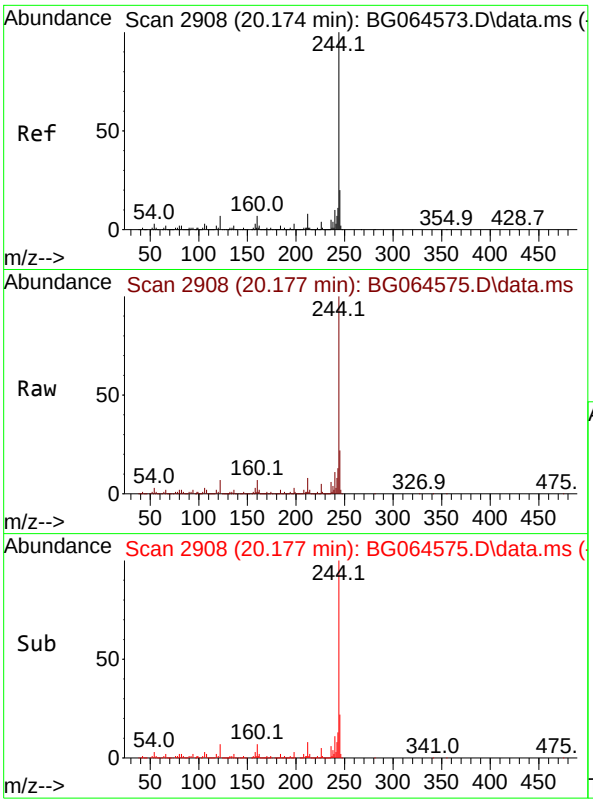


#78
Pyrene
Concen: 73.215 ng
RT: 19.977 min Scan# 2874
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:202 Resp: 1737788

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.0	25.4
203	17.5	13.8	20.6



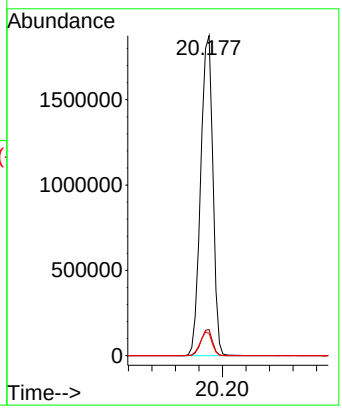


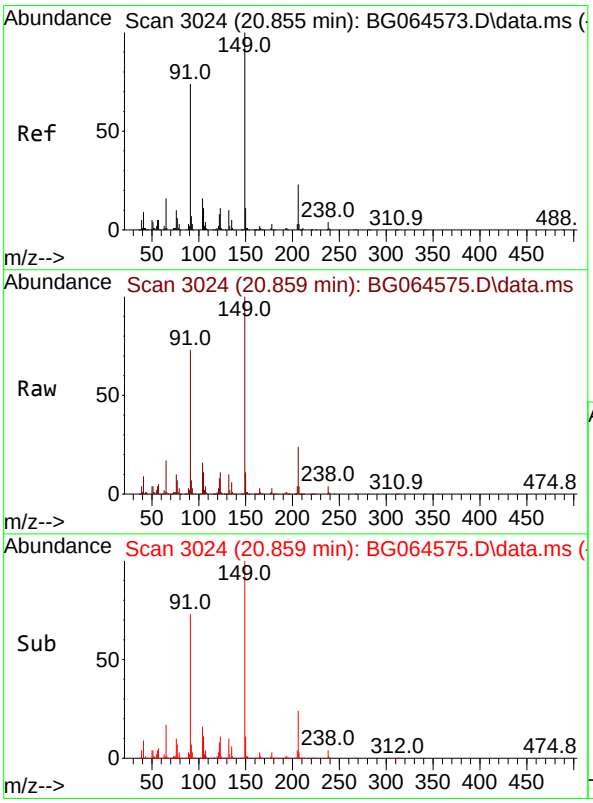
#79
Terphenyl-d14
Concen: 140.125 ng
RT: 20.177 min Scan# 2
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:244 Resp: 2697491

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.1	9.1
122	7.0	5.6	8.4

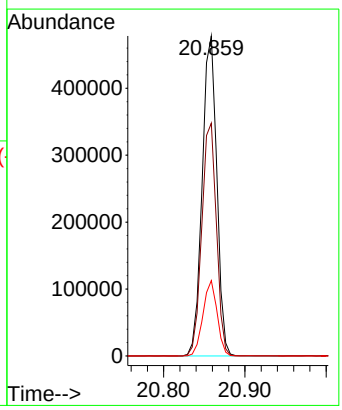


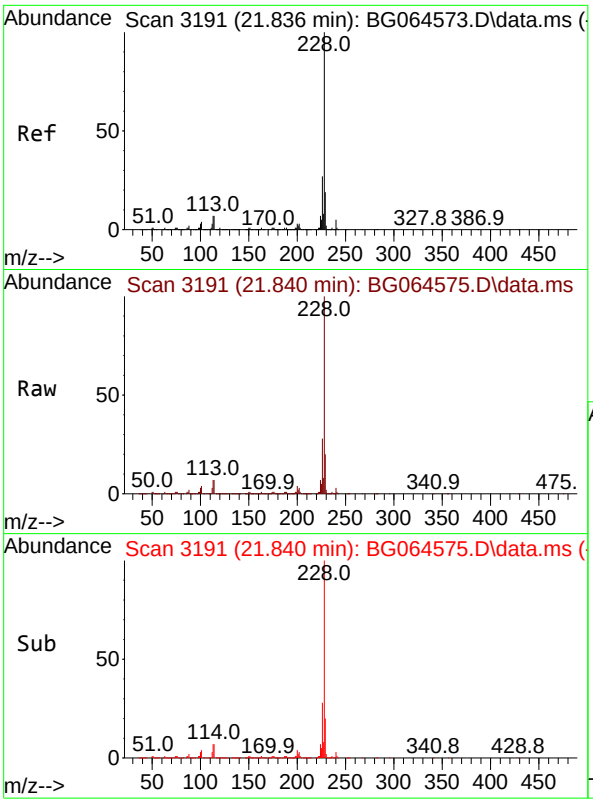


#80
Butylbenzylphthalate
Concen: 82.988 ng
RT: 20.859 min Scan# 3024
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:149 Resp: 595333

Ion	Ratio	Lower	Upper
149	100		
91	72.8	59.2	88.8
206	23.6	18.1	27.1



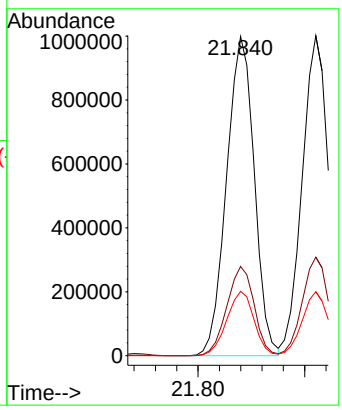


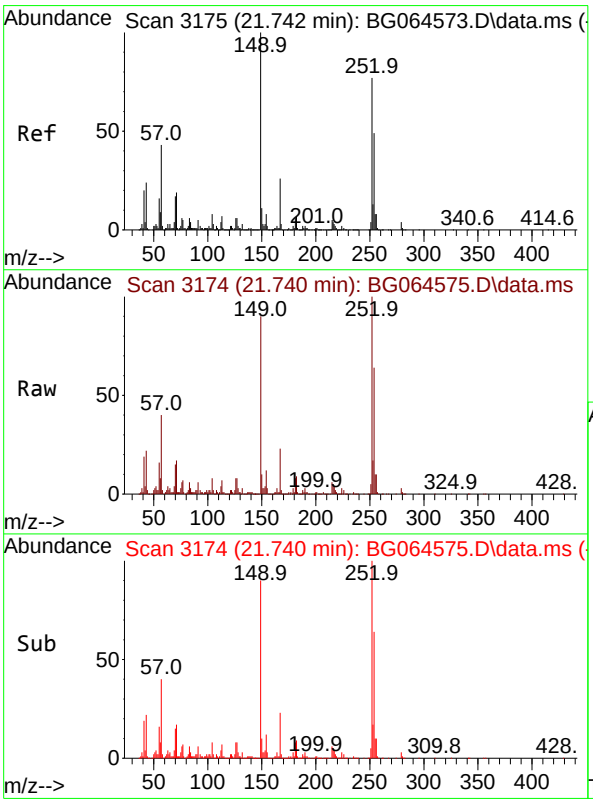
#81
Benzo(a)anthracene
Concen: 74.959 ng
RT: 21.840 min Scan# 3
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:228 Resp: 1805628

Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.9	32.9
229	20.1	15.6	23.4

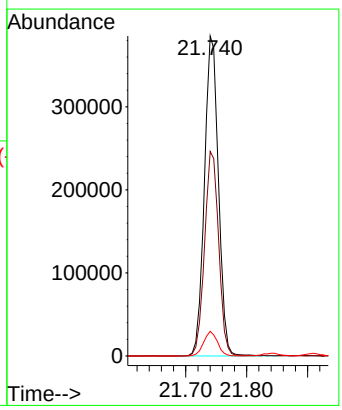


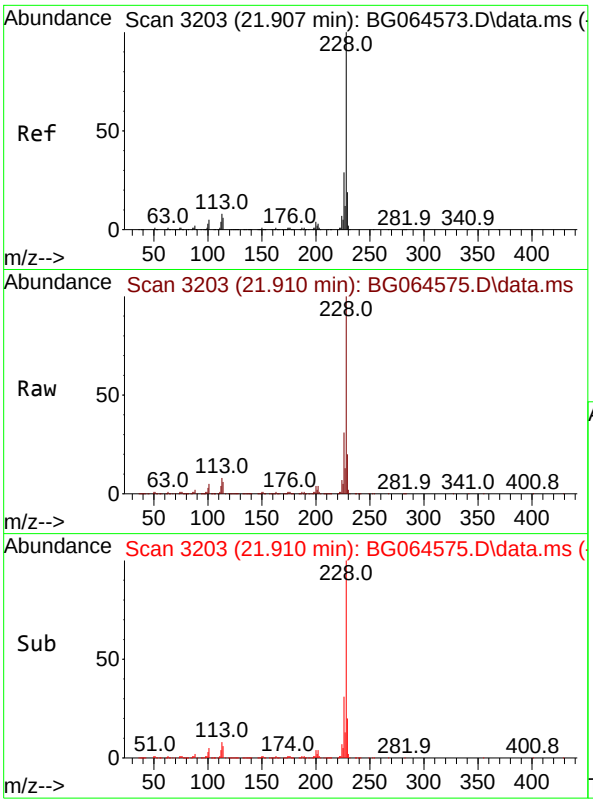


#82
3,3'-Dichlorobenzidine
Concen: 76.524 ng
RT: 21.740 min Scan# 3174
Delta R.T. -0.002 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:252 Resp: 615546

Ion	Ratio	Lower	Upper
252	100		
254	63.9	50.8	76.2
126	7.7	5.8	8.6



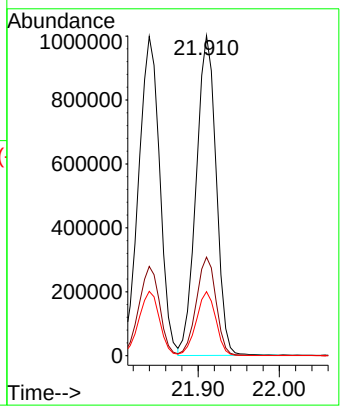


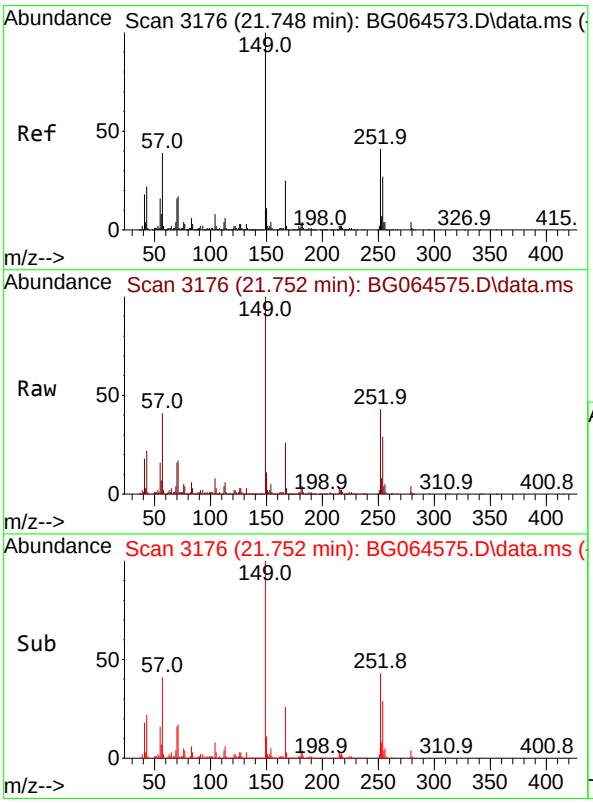
#83
Chrysene
Concen: 74.368 ng
RT: 21.910 min Scan# 3
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:228 Resp: 1704533

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.3	34.9
229	20.0	15.2	22.8

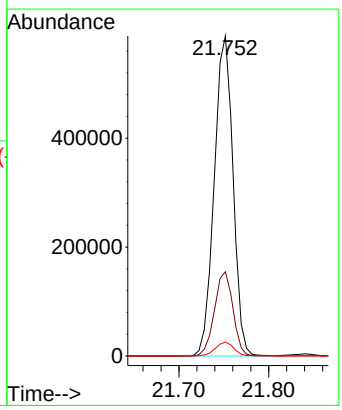


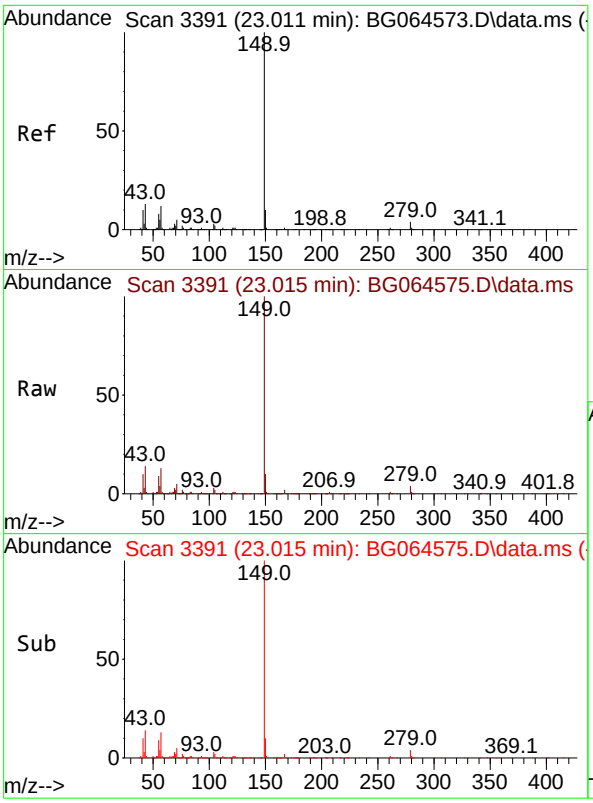


#84
Bis(2-ethylhexyl)phthalate
Concen: 79.672 ng
RT: 21.752 min Scan# 3176
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:149 Resp: 854027

Ion	Ratio	Lower	Upper
149	100		
167	26.3	20.0	30.0
279	4.3	3.1	4.7



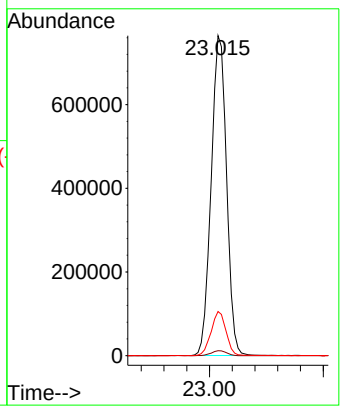


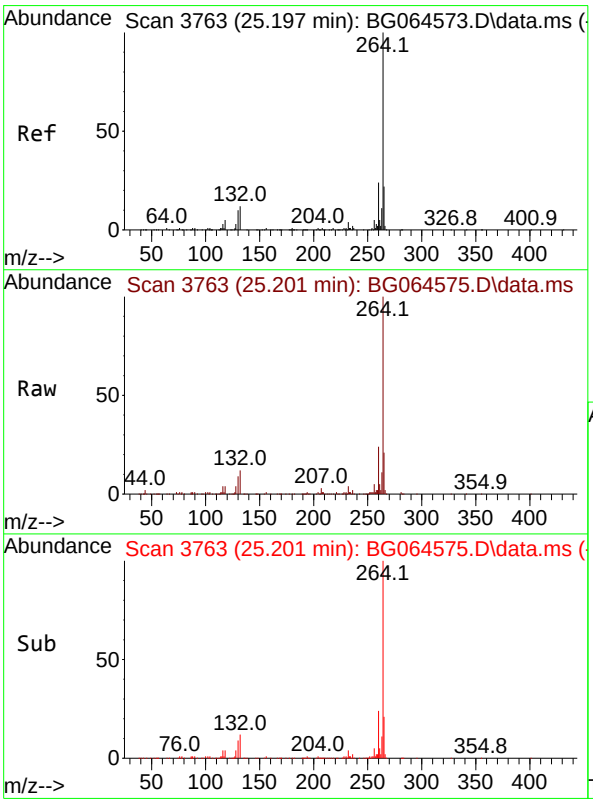
#85
Di-n-octyl phthalate
Concen: 79.289 ng
RT: 23.015 min Scan# 3
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 1432956

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	13.5	10.8	16.2

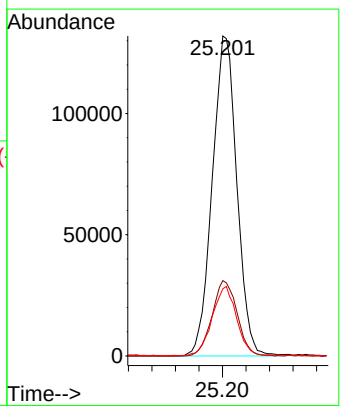


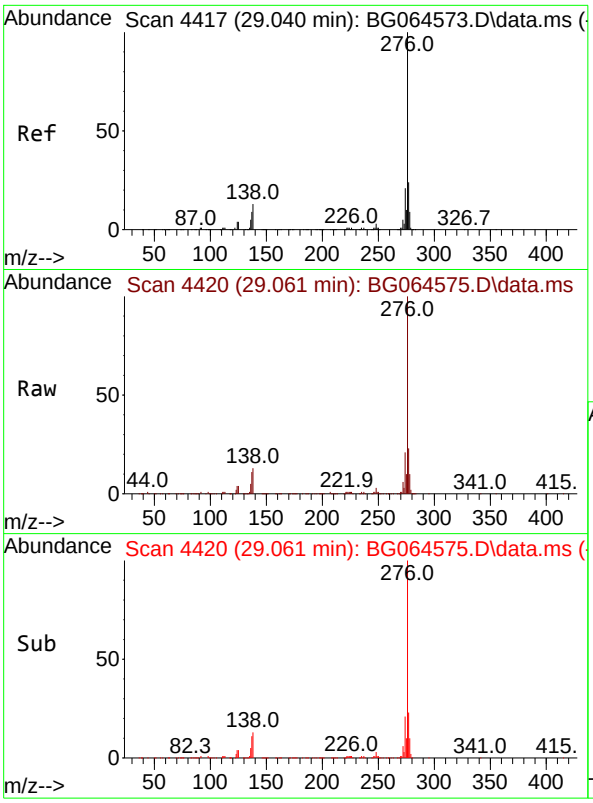


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.201 min Scan# 3763
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:264 Resp: 382372

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.4
265	21.0	17.6	26.4



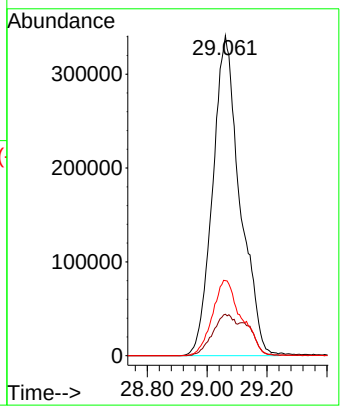


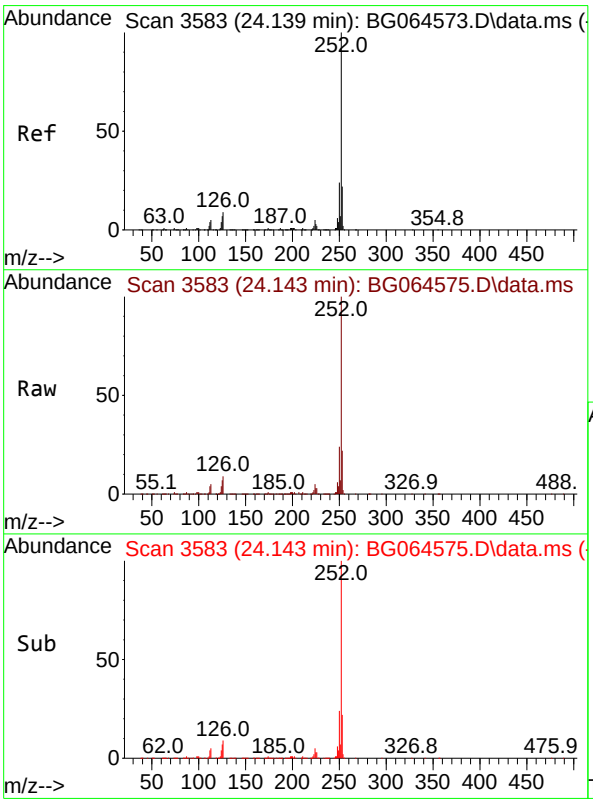
#87
Indeno(1,2,3-cd)pyrene
Concen: 76.663 ng
RT: 29.061 min Scan# 4
Delta R.T. 0.021 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:276 Resp: 2156428

Ion	Ratio	Lower	Upper
276	100		
138	10.9	10.8	16.2
277	25.2	20.1	30.1

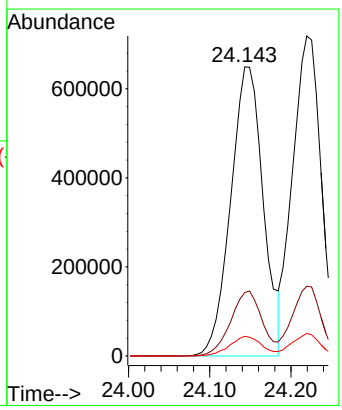


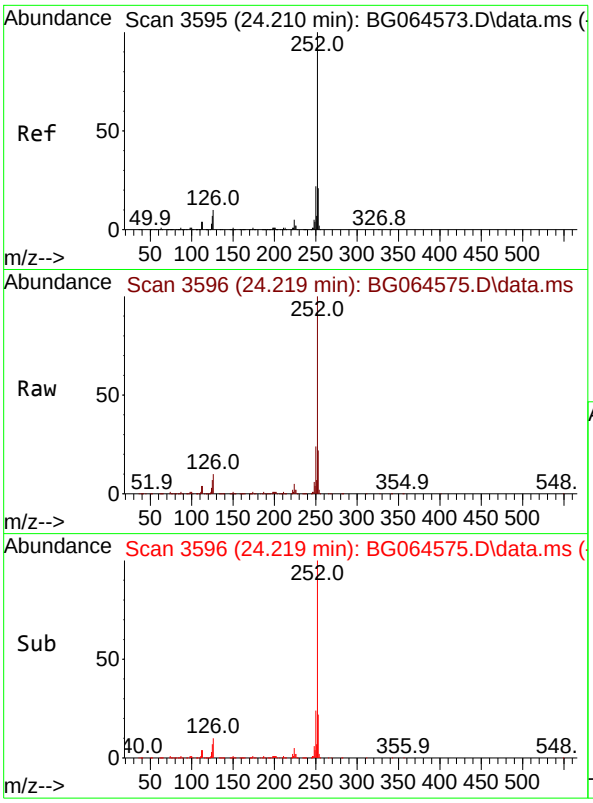


#88
Benzo(b)fluoranthene
Concen: 77.199 ng
RT: 24.143 min Scan# 3583
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:252 Resp: 1810094

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	6.8	5.6	8.4



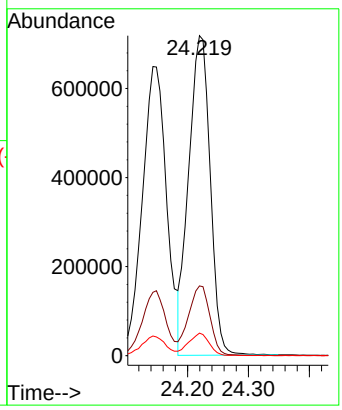


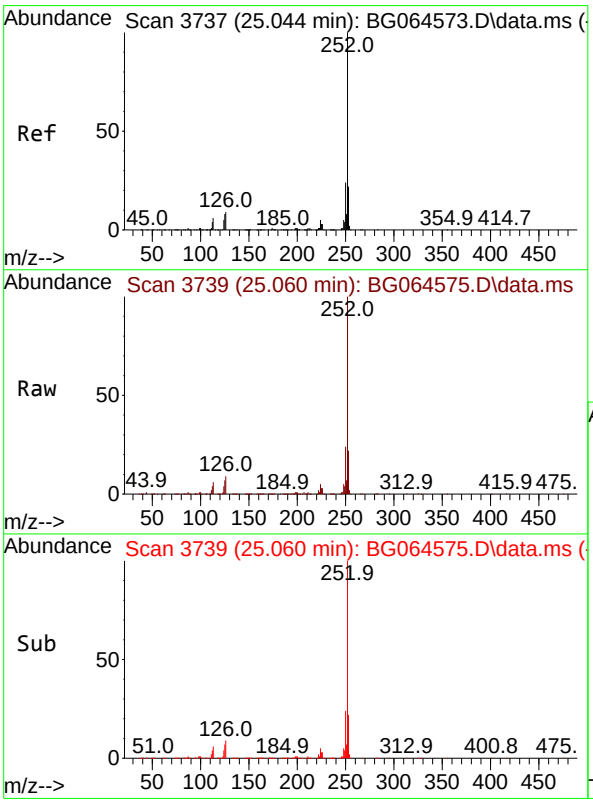
#89
Benzo(k)fluoranthene
Concen: 74.916 ng
RT: 24.219 min Scan# 3
Delta R.T. 0.009 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp: 1757758

Ion	Ratio	Lower	Upper
252	100		
253	21.8	16.8	25.2
125	7.1	5.4	8.0

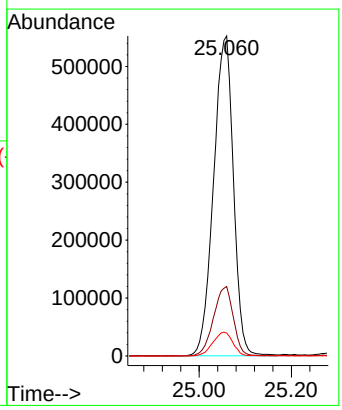


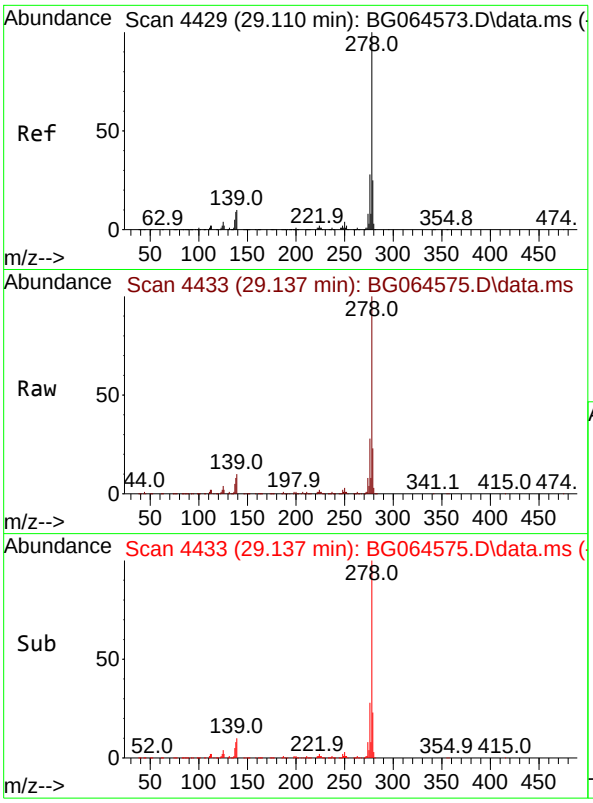


#90
Benzo(a)pyrene
Concen: 76.546 ng
RT: 25.060 min Scan# 3739
Delta R.T. 0.015 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:252 Resp: 1649779

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	7.2	6.1	9.1



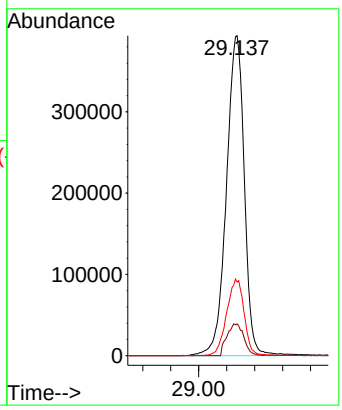


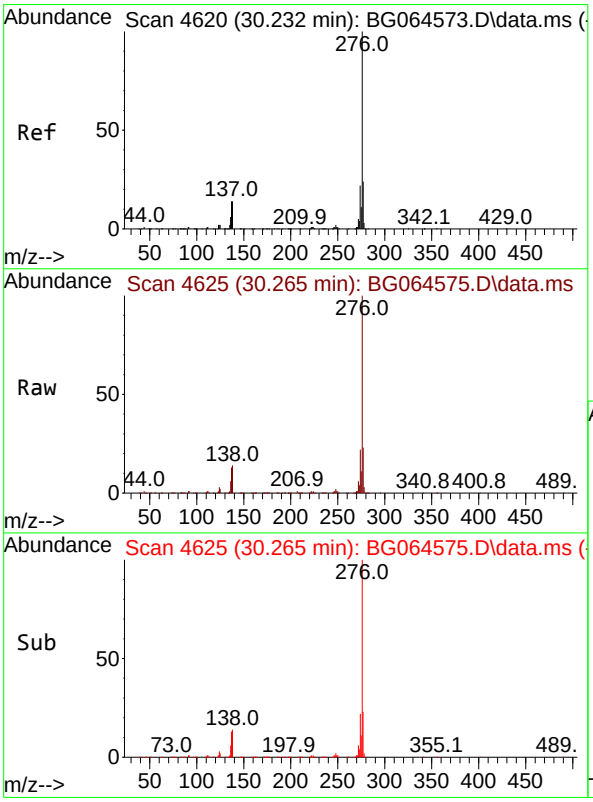
#91
Dibenzo(a,h)anthracene
Concen: 76.486 ng
RT: 29.137 min Scan# 4
Delta R.T. 0.027 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:278 Resp: 1747890

Ion	Ratio	Lower	Upper
278	100		
139	10.0	8.0	12.0
279	23.0	19.8	29.6

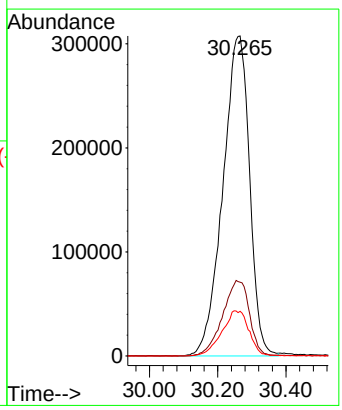




#92
Benzo(g,h,i)perylene
Concen: 76.498 ng
RT: 30.265 min Scan# 4625
Delta R.T. 0.033 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:276 Resp: 1669976

Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.1	28.7
138	13.9	11.3	16.9



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064576.D
Acq On : 24 Oct 2025 15:32
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Quant Time: Nov 03 18:03:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 17:56:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.224	152	43774	20.000	ng		0.00
21) Naphthalene-d8	11.050	136	182273	20.000	ng		0.00
39) Acenaphthene-d10	14.846	164	142032	20.000	ng		0.00
64) Phenanthrene-d10	17.584	188	343365	20.000	ng		0.00
76) Chrysene-d12	21.861	240	367592	20.000	ng		0.00
86) Perylene-d12	25.210	264	385865	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.750	112	249333	95.606	ng		0.00
7) Phenol-d6	7.354	99	349586	97.687	ng		0.00
23) Nitrobenzene-d5	9.387	82	324249	106.847	ng		0.00
42) 2,4,6-Tribromophenol	16.326	330	207294	101.122	ng		0.00
45) 2-Fluorobiphenyl	13.477	172	877315	93.626	ng		0.00
79) Terphenyl-d14	20.175	244	1814661	93.162	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.588	88	51872	44.926	ng		99
3) Pyridine	3.999	79	161000	46.434	ng		96
4) n-Nitrosodimethylamine	3.905	42	85377	45.917	ng		92
6) Aniline	7.536	93	228687	46.963	ng		99
8) 2-Chlorophenol	7.777	128	134062	49.112	ng		96
9) Benzaldehyde	7.343	77	91457	46.812	ng		96
10) Phenol	7.384	94	192663	48.681	ng		98
11) bis(2-Chloroethyl)ether	7.630	93	139360	47.894	ng		95
12) 1,3-Dichlorobenzene	8.112	146	146905	46.758	ng		98
13) 1,4-Dichlorobenzene	8.259	146	151083	47.293	ng		93
14) 1,2-Dichlorobenzene	8.582	146	143986	46.729	ng		96
15) Benzyl Alcohol	8.447	79	142880	48.417	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.741	45	361264	47.332	ng		99
17) 2-Methylphenol	8.653	107	126868	48.282	ng		94
18) Hexachloroethane	9.328	117	54330	48.463	ng		94
19) n-Nitroso-di-n-propyla...	9.029	70	122051	49.350	ng		97
20) 3+4-Methylphenols	8.982	107	176415	47.740	ng		99
22) Acetophenone	9.046	105	234956	47.155	ng	#	100
24) Nitrobenzene	9.428	77	171837	52.060	ng		96
25) Isophorone	9.957	82	348174	47.813	ng		97
26) 2-Nitrophenol	10.145	139	61611	48.353	ng		90
27) 2,4-Dimethylphenol	10.198	122	135402	49.988	ng		96
28) bis(2-Chloroethoxy)met...	10.439	93	194038	46.800	ng		99
29) 2,4-Dichlorophenol	10.680	162	148850	51.062	ng		94
30) 1,2,4-Trichlorobenzene	10.909	180	159207	48.068	ng		94
31) Naphthalene	11.103	128	471891	46.695	ng		98
32) Benzoic acid	10.321	122	82072	40.705	ng		90
33) 4-Chloroaniline	11.191	127	186814	47.560	ng		98
34) Hexachlorobutadiene	11.397	225	123596	47.716	ng		98
35) Caprolactam	11.961	113	53689	48.020	ng	#	93
36) 4-Chloro-3-methylphenol	12.296	107	171120	48.836	ng		98
37) 2-Methylnaphthalene	12.695	142	351946	47.435	ng		97
38) 1-Methylnaphthalene	12.913	142	342687	46.666	ng		95
40) 1,2,4,5-Tetrachloroben...	13.054	216	224658	47.131	ng		99
41) Hexachlorocyclopentadiene	13.042	237	105411	49.131	ng		98
43) 2,4,6-Trichlorophenol	13.283	196	141505	51.898	ng		98

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064576.D
Acq On : 24 Oct 2025 15:32
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Quant Time: Nov 03 18:03:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 17:56:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.353	196	157315	49.997	ng		96
46) 1,1'-Biphenyl	13.688	154	470676	46.613	ng		99
47) 2-Chloronaphthalene	13.729	162	359811	47.208	ng		99
48) 2-Nitroaniline	13.911	65	121908	47.668	ng		92
49) Acenaphthylene	14.569	152	565771	47.060	ng		99
50) Dimethylphthalate	14.293	163	519303	47.781	ng		99
51) 2,6-Dinitrotoluene	14.405	165	86665	48.306	ng		99
52) Acenaphthene	14.910	154	388012	47.239	ng		99
53) 3-Nitroaniline	14.734	138	99748	53.405	ng		96
54) 2,4-Dinitrophenol	14.928	184	49318	47.268	ng		89
55) Dibenzofuran	15.239	168	615553	46.355	ng		99
56) 4-Nitrophenol	15.016	139	88609	51.169	ng		95
57) 2,4-Dinitrotoluene	15.186	165	132374	47.759	ng	#	99
58) Fluorene	15.891	166	481625	46.441	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.457	232	157783	52.440	ng		99
60) Diethylphthalate	15.650	149	527594	47.543	ng		100
61) 4-Chlorophenyl-phenyle...	15.880	204	271068	46.576	ng		98
62) 4-Nitroaniline	15.891	138	110067	52.970	ng		98
63) Azobenzene	16.168	77	475203	46.671	ng		99
65) 4,6-Dinitro-2-methylph...	15.944	198	71672	47.500	ng		95
66) n-Nitrosodiphenylamine	16.085	169	444824	47.959	ng		99
67) 4-Bromophenyl-phenylether	16.773	248	196226	48.225	ng		96
68) Hexachlorobenzene	16.890	284	223018	48.043	ng		94
69) Atrazine	17.025	200	187862	47.066	ng		96
70) Pentachlorophenol	17.225	266	147427	50.930	ng		95
71) Phenanthrene	17.625	178	875415	46.621	ng		99
72) Anthracene	17.719	178	893629	46.785	ng		99
73) Carbazole	17.977	167	781031	46.370	ng		100
74) Di-n-butylphthalate	18.535	149	930281	47.762	ng		100
75) Fluoranthene	19.622	202	1092855	46.459	ng		99
77) Benzidine	19.787	184	382418	46.435	ng		100
78) Pyrene	19.981	202	1133345	47.190	ng		99
80) Butylbenzylphthalate	20.856	149	374611	51.609	ng		100
81) Benzo(a)anthracene	21.843	228	1151242	47.234	ng		99
82) 3,3'-Dichlorobenzidine	21.743	252	389240	47.824	ng		97
83) Chrysene	21.908	228	1091456	47.062	ng		98
84) Bis(2-ethylhexyl)phtha...	21.749	149	537716	49.576	ng		98
85) Di-n-octyl phthalate	23.018	149	896763	49.039	ng		99
87) Indeno(1,2,3-cd)pyrene	29.052	276	1346188	47.425	ng		97
88) Benzo(b)fluoranthene	24.146	252	1131250	47.810	ng		100
89) Benzo(k)fluoranthene	24.217	252	1110490	46.901	ng		98
90) Benzo(a)pyrene	25.051	252	1029605	47.339	ng		99
91) Dibenzo(a,h)anthracene	29.129	278	1090407	47.283	ng		99
92) Benzo(g,h,i)perylene	30.245	276	1039447	47.184	ng		99

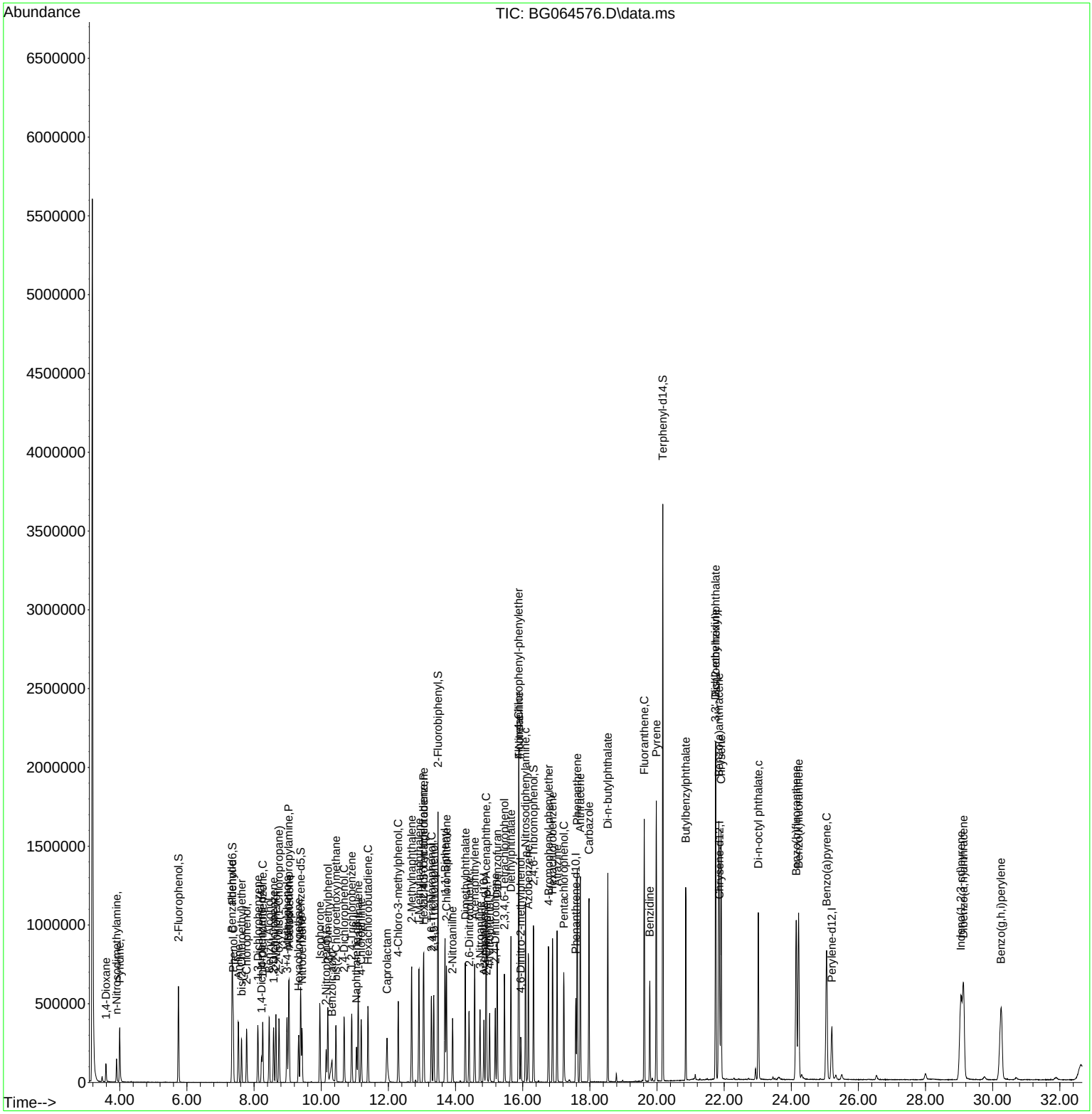
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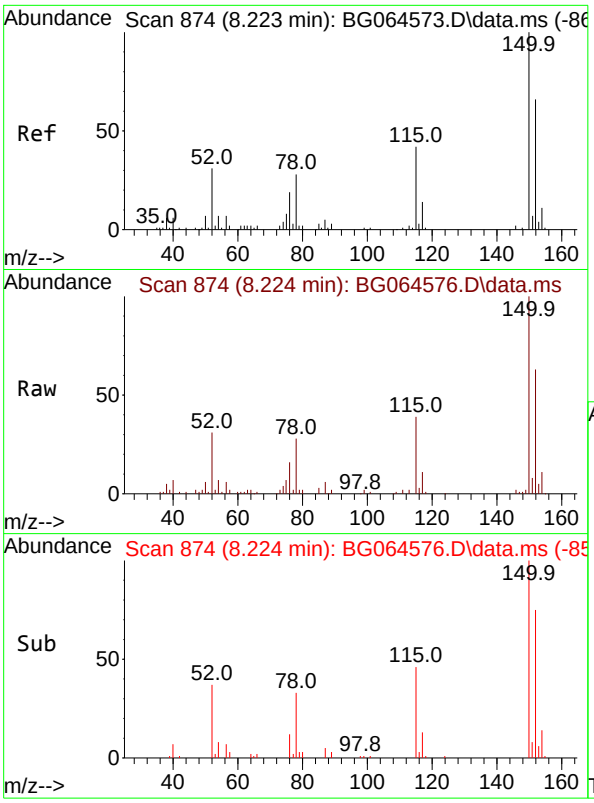
Quantitation Report (Not Reviewed)

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Data File : BG064576.D
Acq On : 24 Oct 2025 15:32
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Quant Time: Nov 03 18:03:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 17:56:56 2025
Response via : Initial Calibration



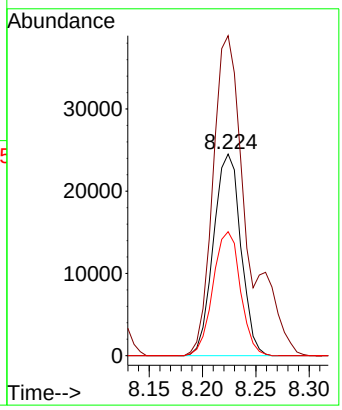


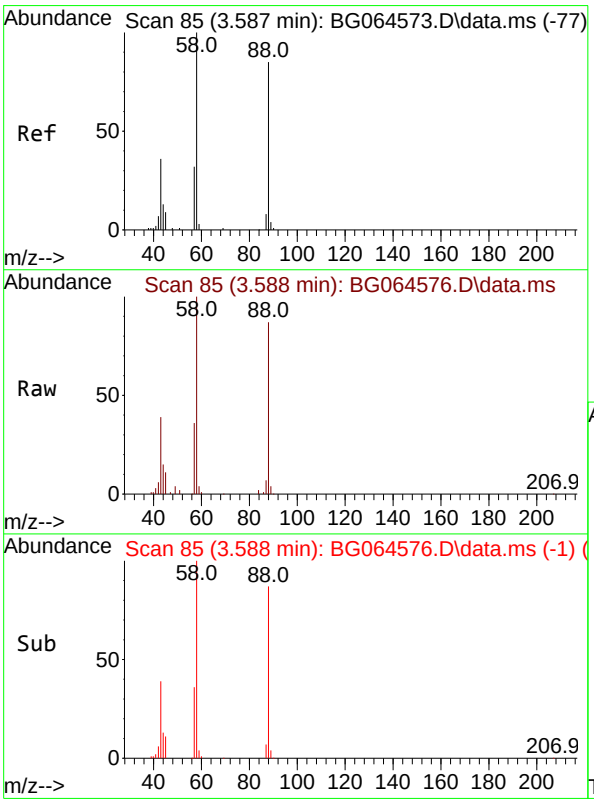
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.224 min Scan# 8
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 43774

Ion	Ratio	Lower	Upper
152	100		
150	158.7	122.2	183.4
115	61.5	50.8	76.2

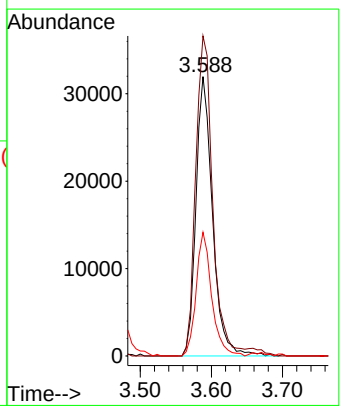


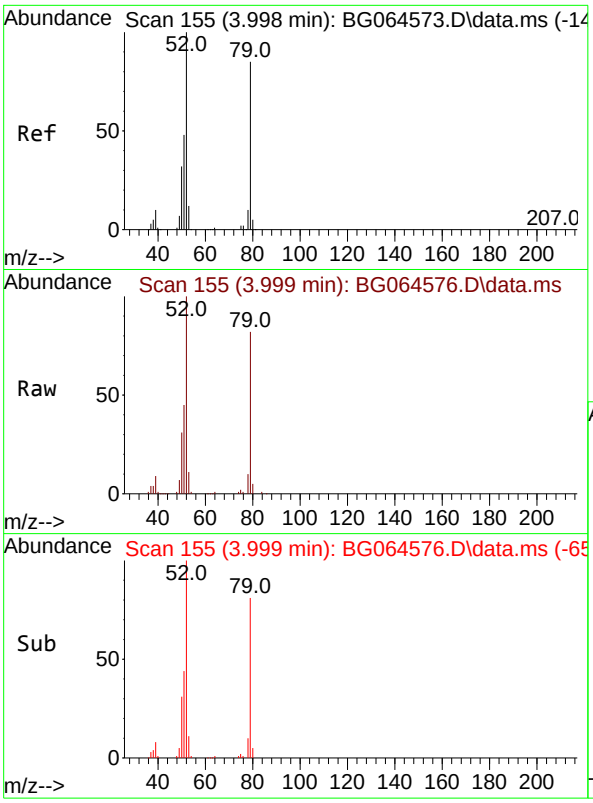


#2
1,4-Dioxane
Concen: 44.926 ng
RT: 3.588 min Scan# 85
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion: 88 Resp: 51872

Ion	Ratio	Lower	Upper
88	100		
58	116.7	92.4	138.6
43	41.6	33.0	49.6



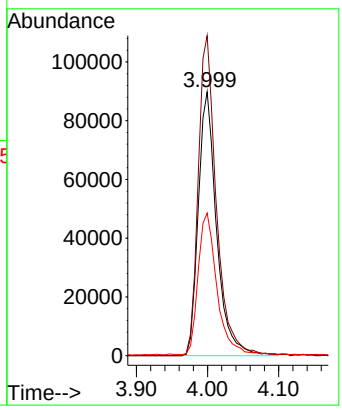


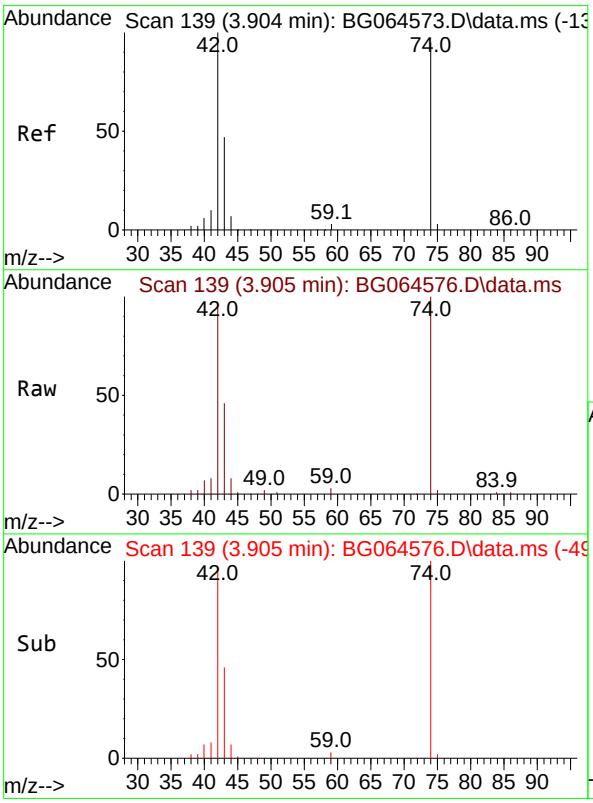
#3
Pyridine
Concen: 46.434 ng
RT: 3.999 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 161000

Ion	Ratio	Lower	Upper
79	100		
52	121.3	94.2	141.2
51	54.1	46.1	69.1

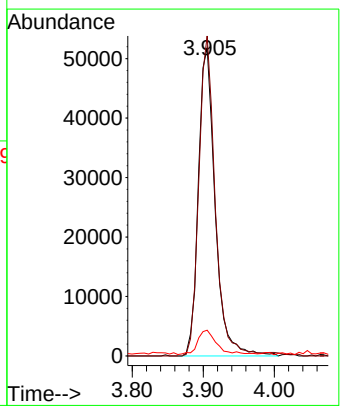


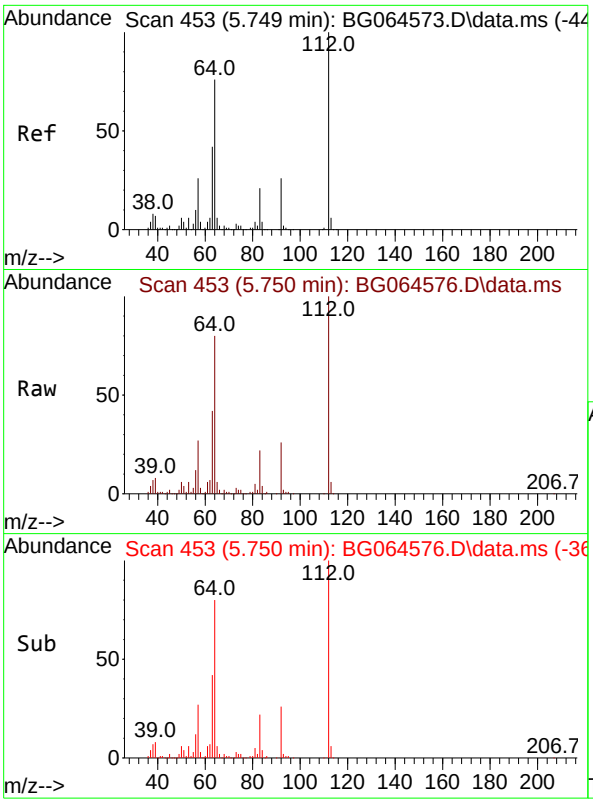


#4
n-Nitrosodimethylamine
Concen: 45.917 ng
RT: 3.905 min Scan# 139
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion: 42 Resp: 85377

Ion	Ratio	Lower	Upper
42	100		
74	103.9	76.1	114.1
44	8.4	6.3	9.5



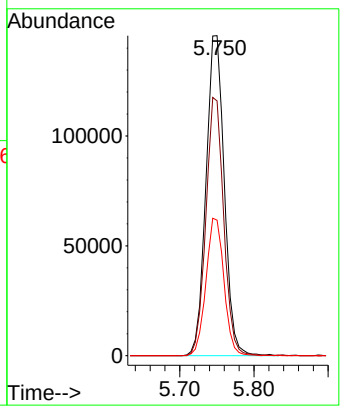


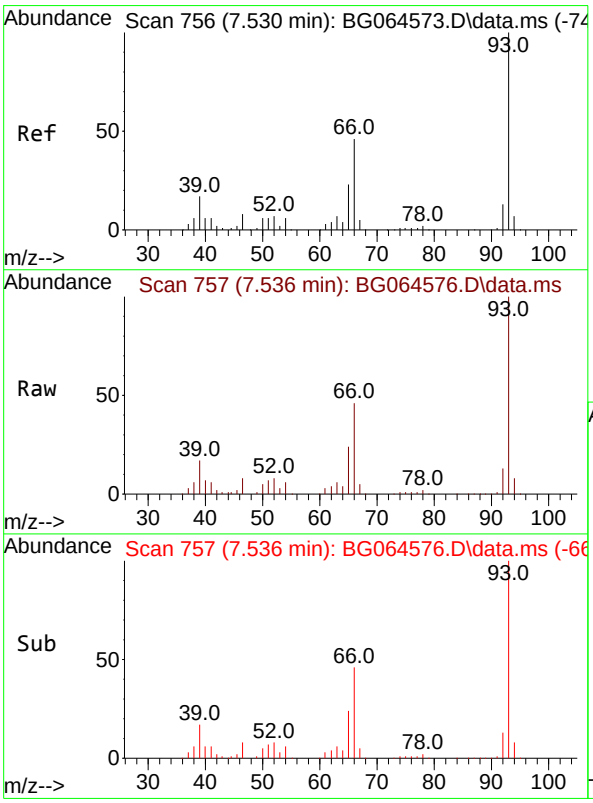
#5
2-Fluorophenol
Concen: 95.606 ng
RT: 5.750 min Scan# 4
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:112 Resp: 249333

Ion	Ratio	Lower	Upper
112	100		
64	79.6	60.7	91.1
63	42.3	33.4	50.0

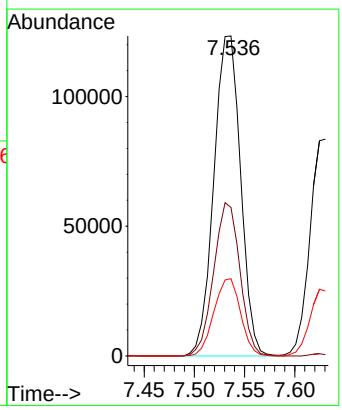


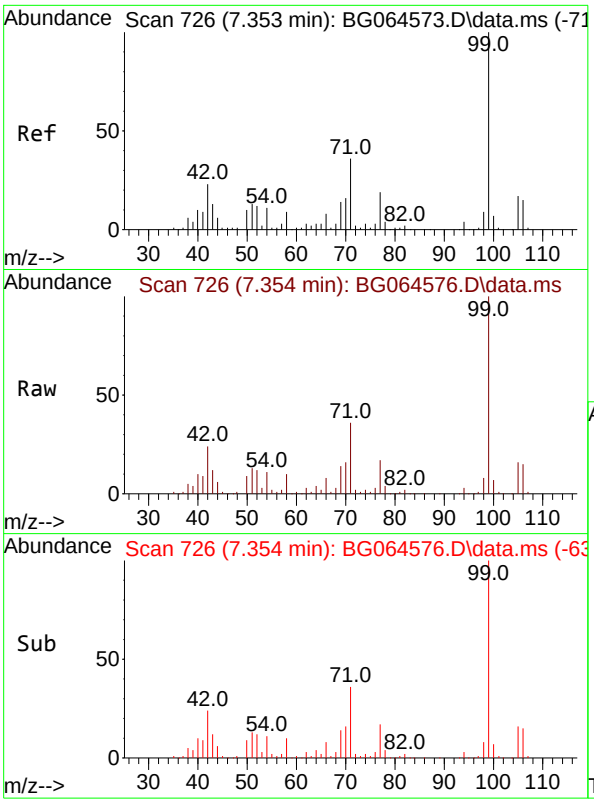


#6
Aniline
Concen: 46.963 ng
RT: 7.536 min Scan# 757
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion: 93 Resp: 228687

Ion	Ratio	Lower	Upper
93	100		
66	46.4	37.0	55.6
65	24.1	18.3	27.5



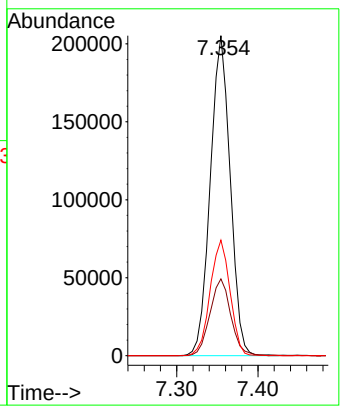


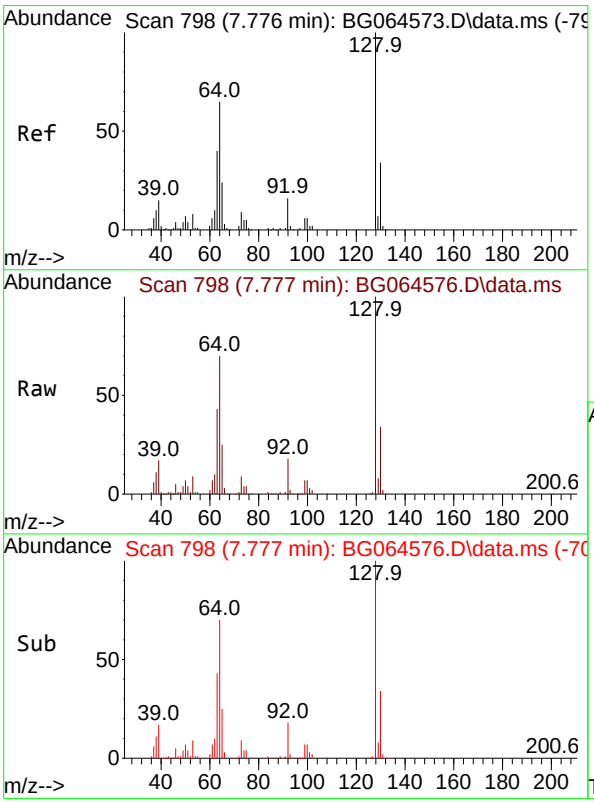
#7
Phenol-d6
Concen: 97.687 ng
RT: 7.354 min Scan# 7
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion: 99 Resp: 349586

Ion	Ratio	Lower	Upper
99	100		
42	24.0	18.3	27.5
71	36.1	28.6	43.0

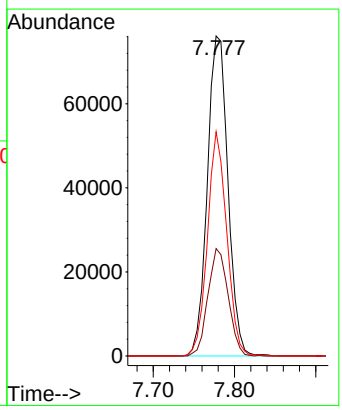


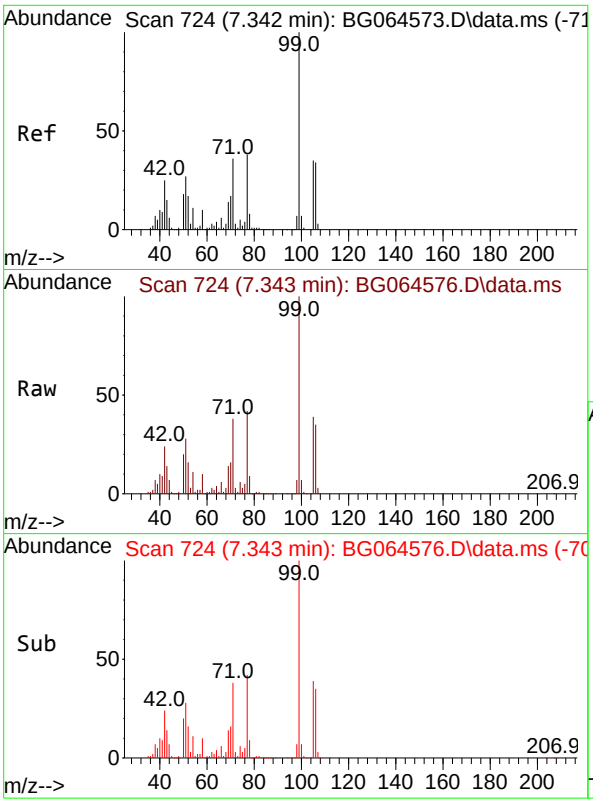


#8
2-Chlorophenol
Concen: 49.112 ng
RT: 7.777 min Scan# 798
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:128 Resp: 134062

Ion	Ratio	Lower	Upper
128	100		
130	33.5	13.5	53.5
64	70.0	45.2	85.2



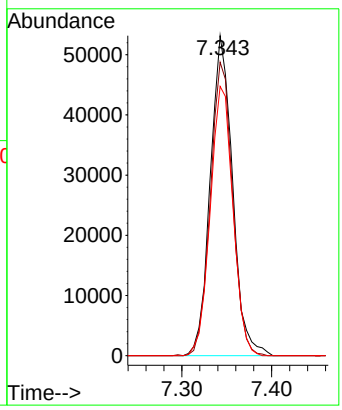


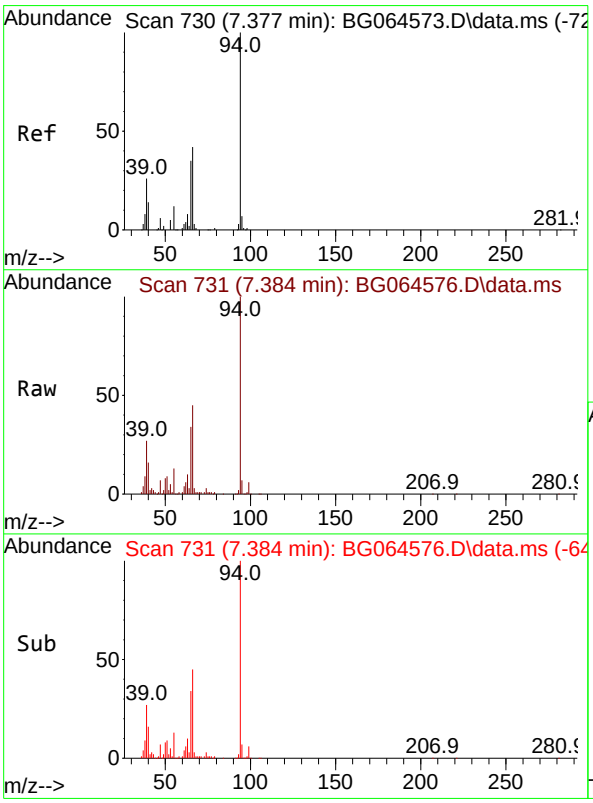
#9
Benzaldehyde
Concen: 46.812 ng
RT: 7.343 min Scan# 7
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 91457

Ion	Ratio	Lower	Upper
77	100		
105	91.7	72.9	112.9
106	84.2	70.8	110.8

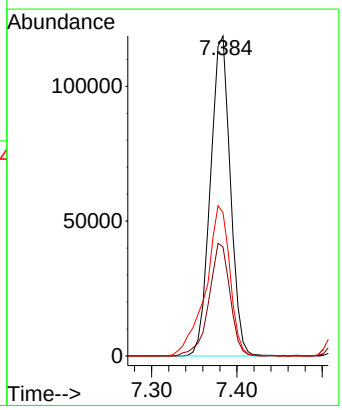


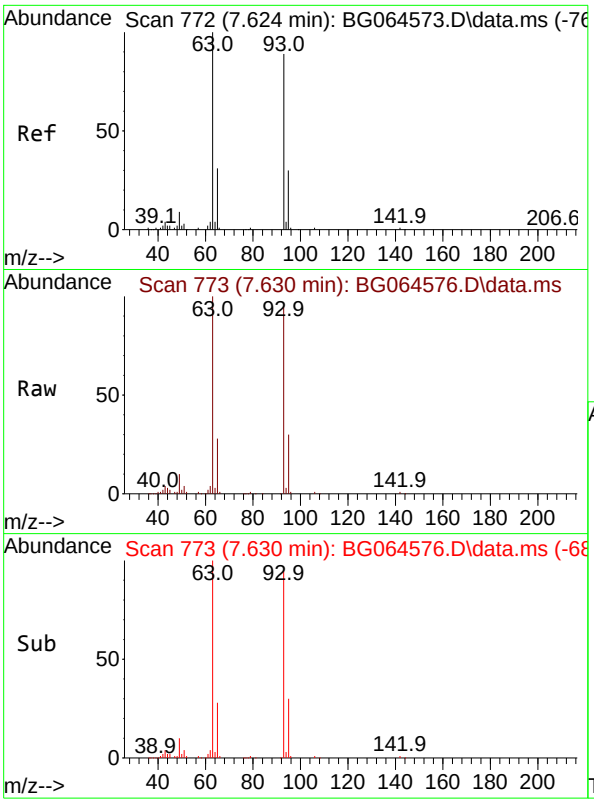


#10
Phenol
Concen: 48.681 ng
RT: 7.384 min Scan# 731
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion: 94 Resp: 192663

Ion	Ratio	Lower	Upper
94	100		
65	34.1	15.8	55.8
66	44.8	24.0	64.0



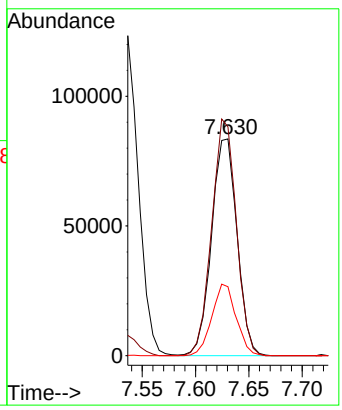


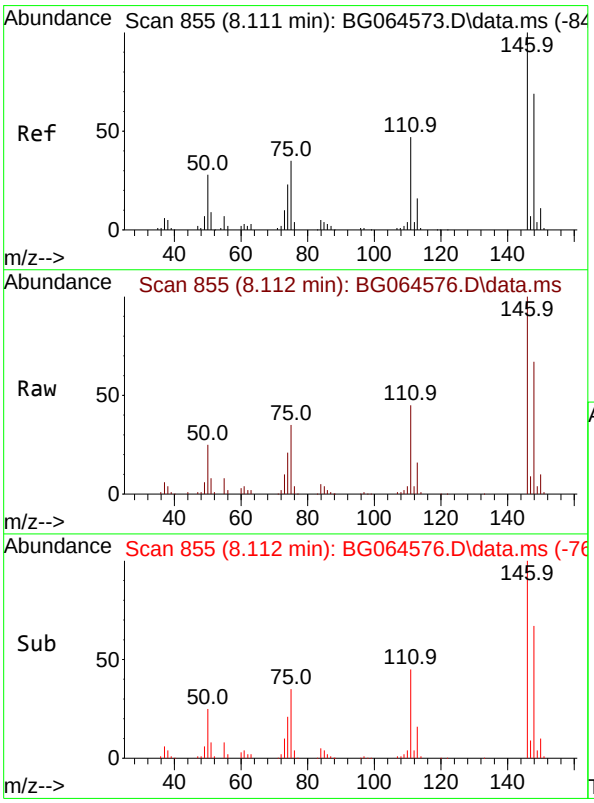
#11
bis(2-Chloroethyl)ether
Concen: 47.894 ng
RT: 7.630 min Scan# 7
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion: 93 Resp: 139360

Ion	Ratio	Lower	Upper
93	100		
63	105.5	91.3	131.3
95	31.8	13.3	53.3

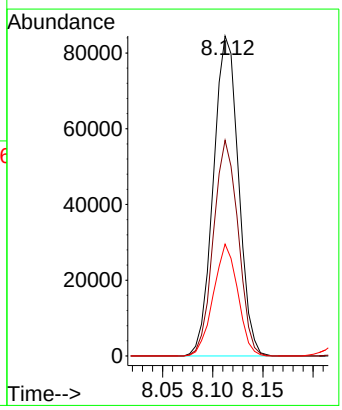


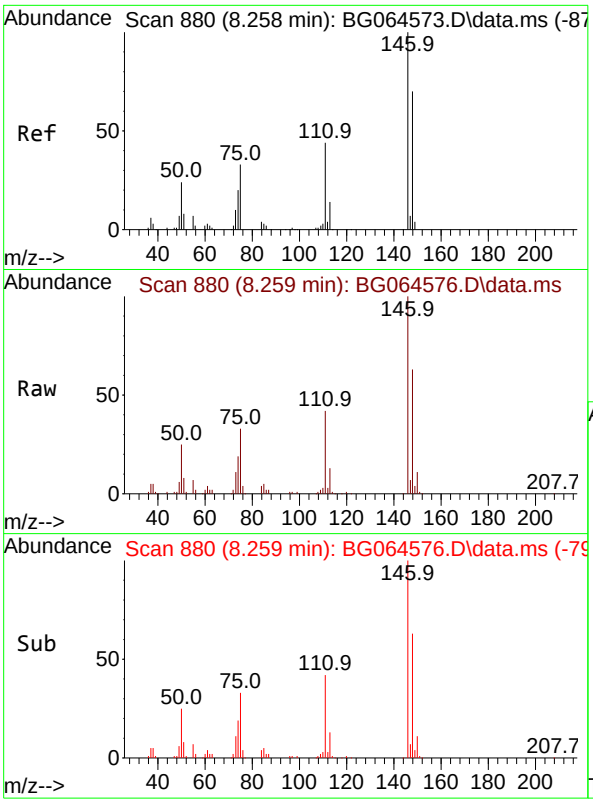


#12
1,3-Dichlorobenzene
Concen: 46.758 ng
RT: 8.112 min Scan# 855
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:146 Resp: 146905

Ion	Ratio	Lower	Upper
146	100		
148	67.4	55.3	82.9
75	34.9	28.2	42.2



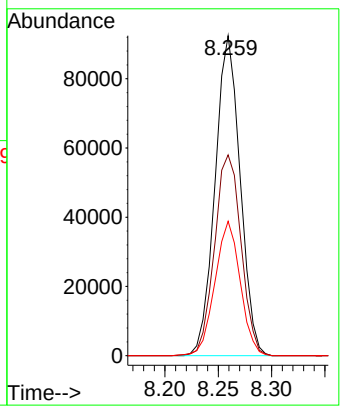


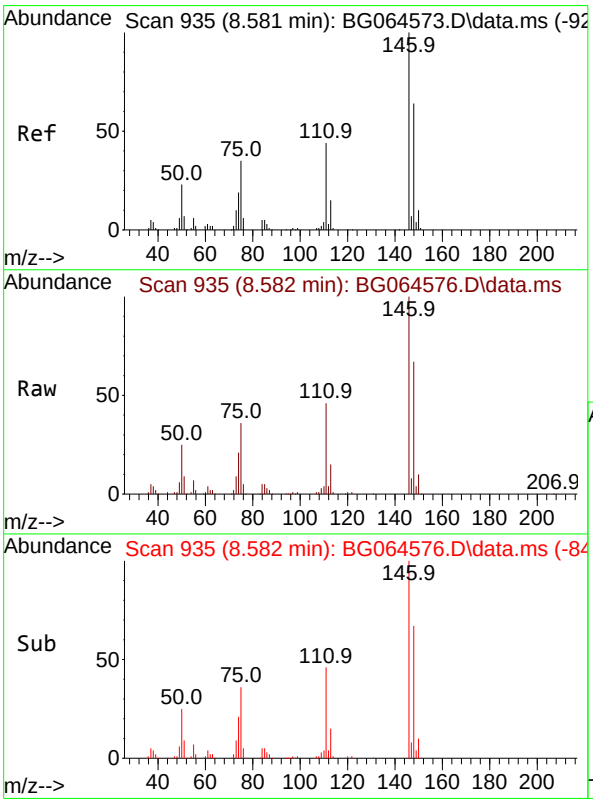
#13
1,4-Dichlorobenzene
Concen: 47.293 ng
RT: 8.259 min Scan# 8
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:146 Resp: 151083

Ion	Ratio	Lower	Upper
146	100		
148	62.7	56.2	84.4
111	42.0	35.4	53.0

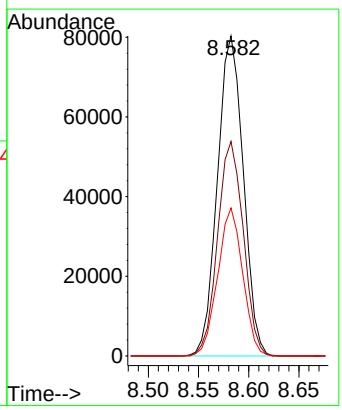


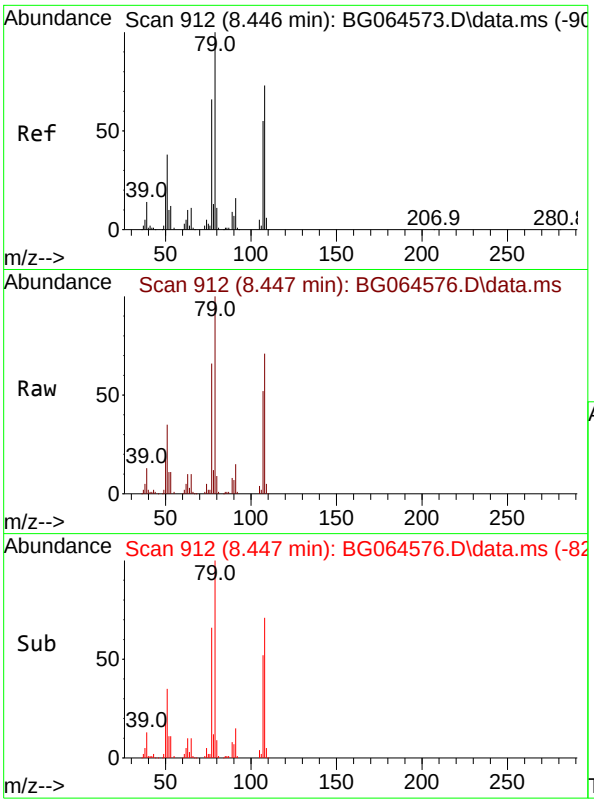


#14
1,2-Dichlorobenzene
Concen: 46.729 ng
RT: 8.582 min Scan# 935
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:146 Resp: 143986

Ion	Ratio	Lower	Upper
146	100		
148	67.0	51.5	77.3
111	46.3	35.0	52.6



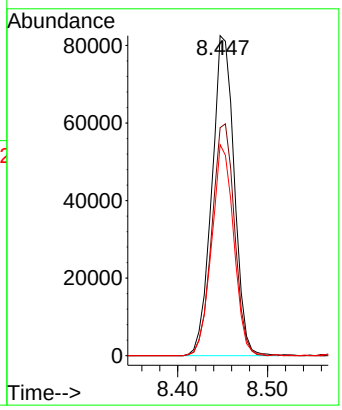


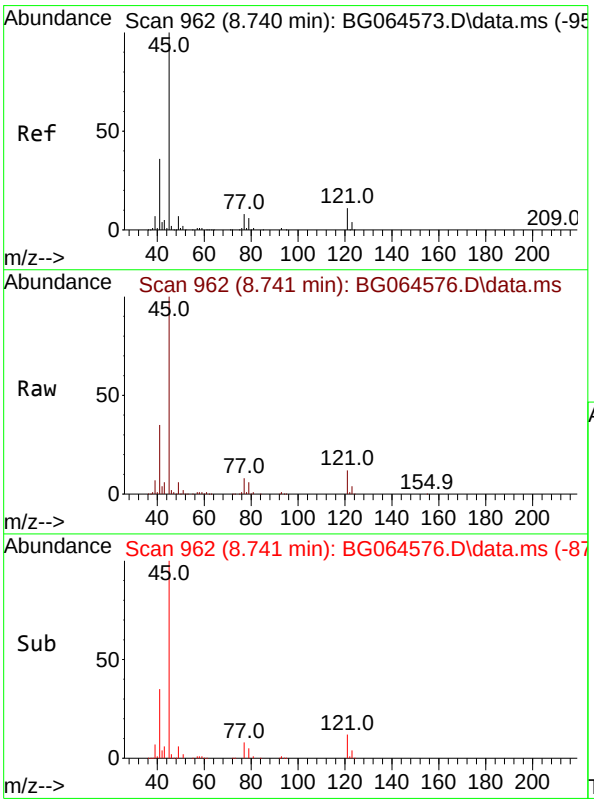
#15
Benzyl Alcohol
Concen: 48.417 ng
RT: 8.447 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 142880

Ion	Ratio	Lower	Upper
79	100		
108	71.2	58.1	87.1
77	66.0	52.8	79.2

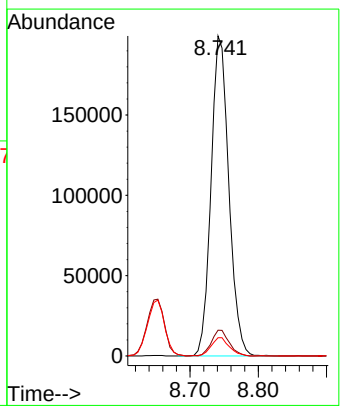


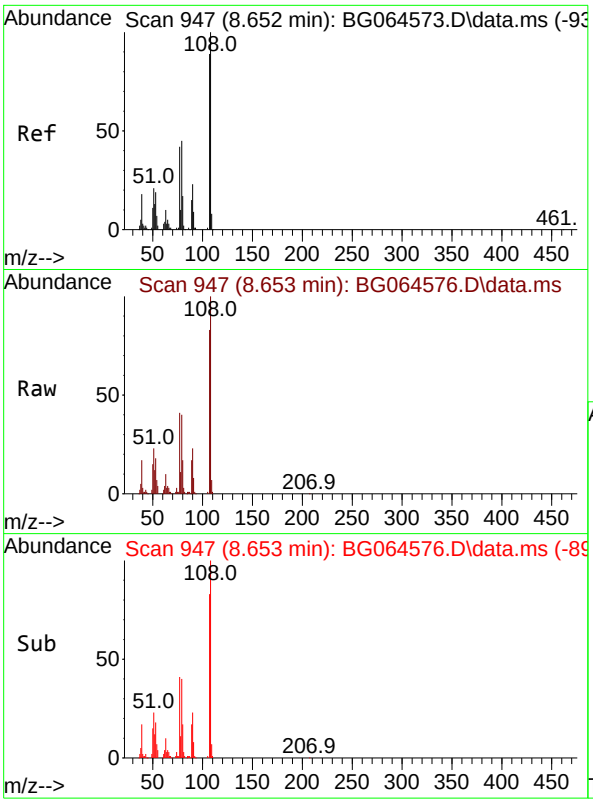


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.332 ng
RT: 8.741 min Scan# 962
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion: 45 Resp: 361264

Ion	Ratio	Lower	Upper
45	100		
77	8.0	0.0	28.5
79	5.7	0.0	25.6



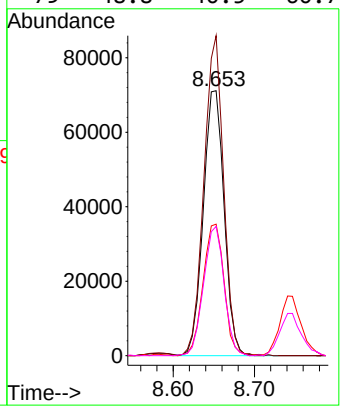


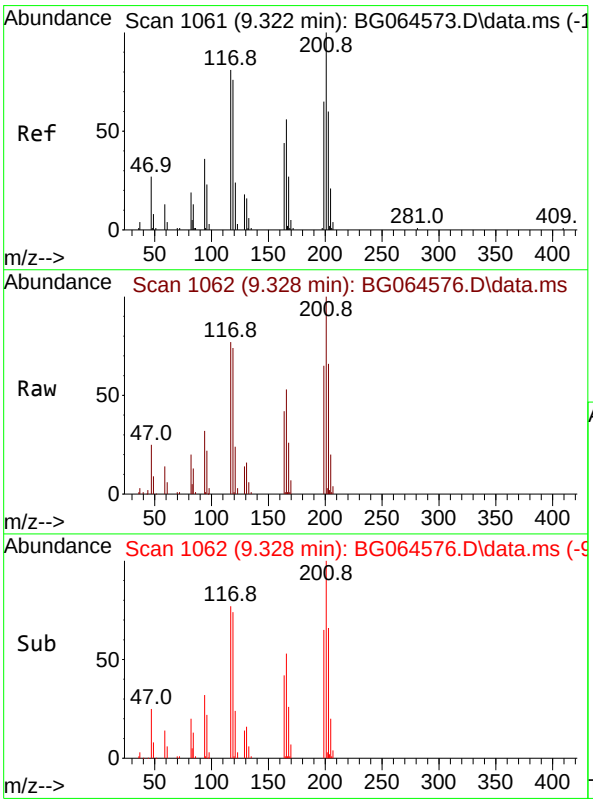
#17
2-Methylphenol
Concen: 48.282 ng
RT: 8.653 min Scan# 94
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:107 Resp: 126868

Ion	Ratio	Lower	Upper
107	100		
108	120.8	90.0	135.0
77	49.7	37.8	56.8
79	48.8	40.5	60.7

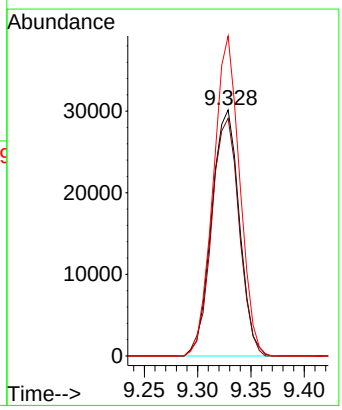


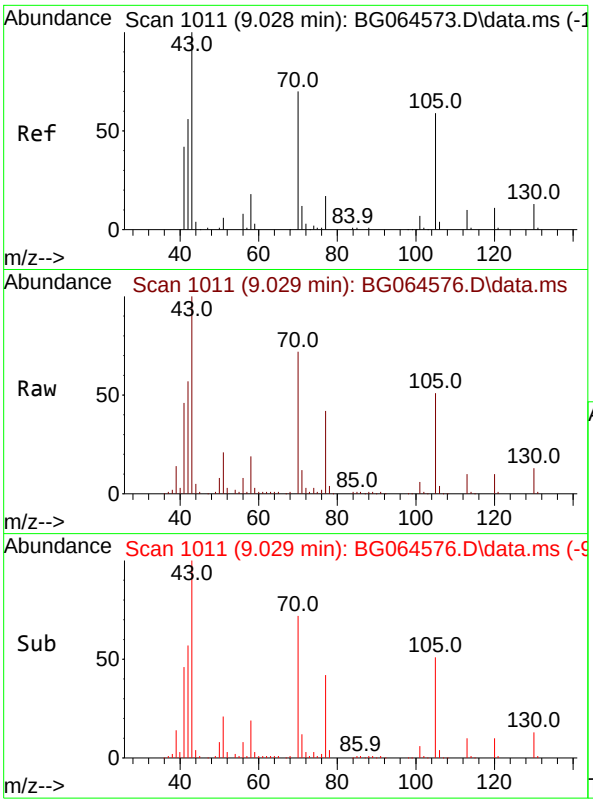


#18
Hexachloroethane
Concen: 48.463 ng
RT: 9.328 min Scan# 1062
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:117 Resp: 54330

Ion	Ratio	Lower	Upper
117	100		
119	96.5	75.4	113.2
201	134.0	99.2	148.8



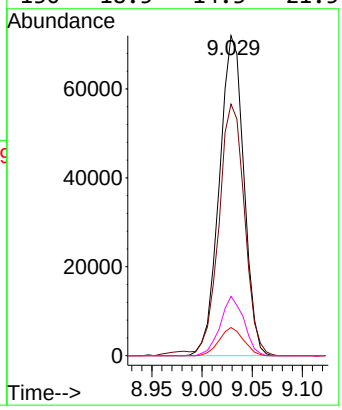


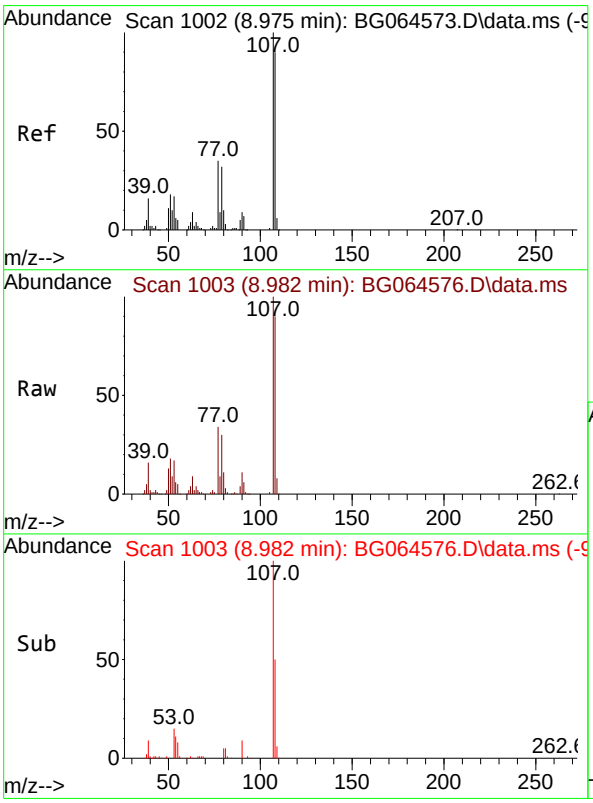
#19
n-Nitroso-di-n-propylamine
Concen: 49.350 ng
RT: 9.029 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion: 70 Resp: 122051

Ion	Ratio	Lower	Upper
70	100		
42	78.6	65.2	97.8
101	8.8	7.9	11.9
130	18.5	14.3	21.5

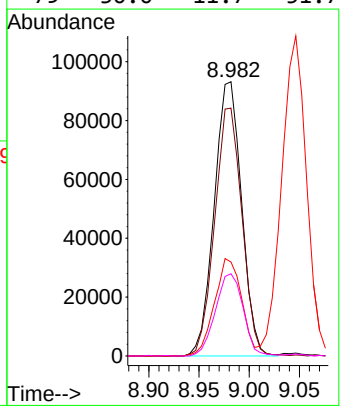


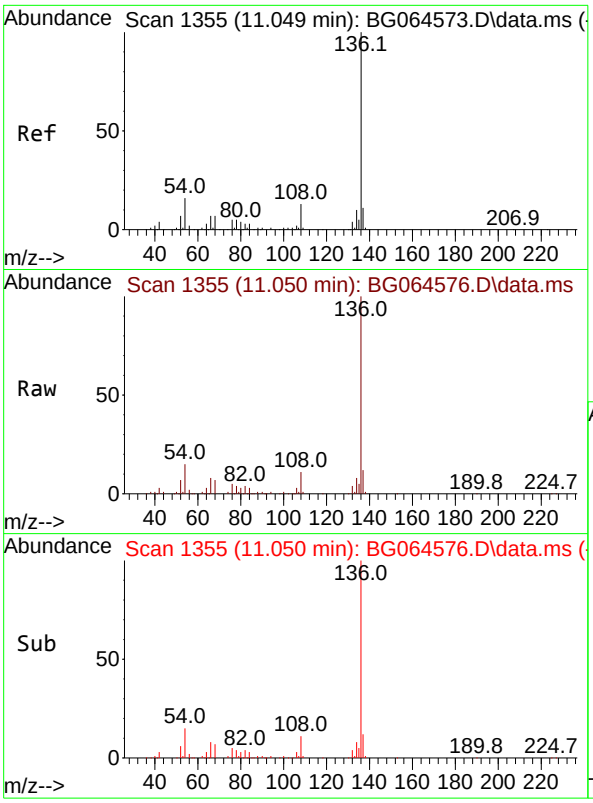


#20
3+4-Methylphenols
Concen: 47.740 ng
RT: 8.982 min Scan# 1003
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:107 Resp: 176415

Ion	Ratio	Lower	Upper
107	100		
108	90.4	70.3	110.3
77	34.2	14.6	54.6
79	30.0	11.7	51.7



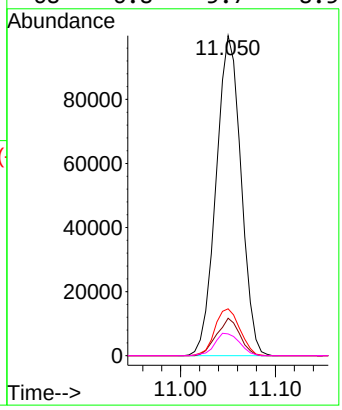


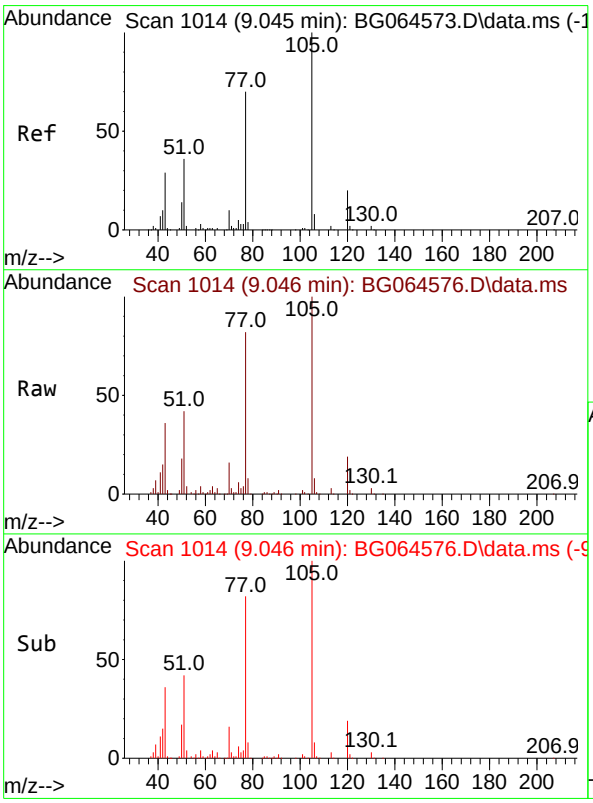
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.050 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:136 Resp: 182273

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	14.6	12.6	19.0
68	6.8	5.7	8.5

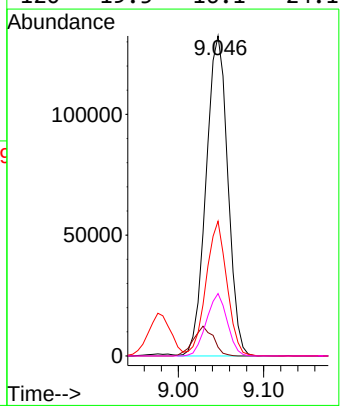


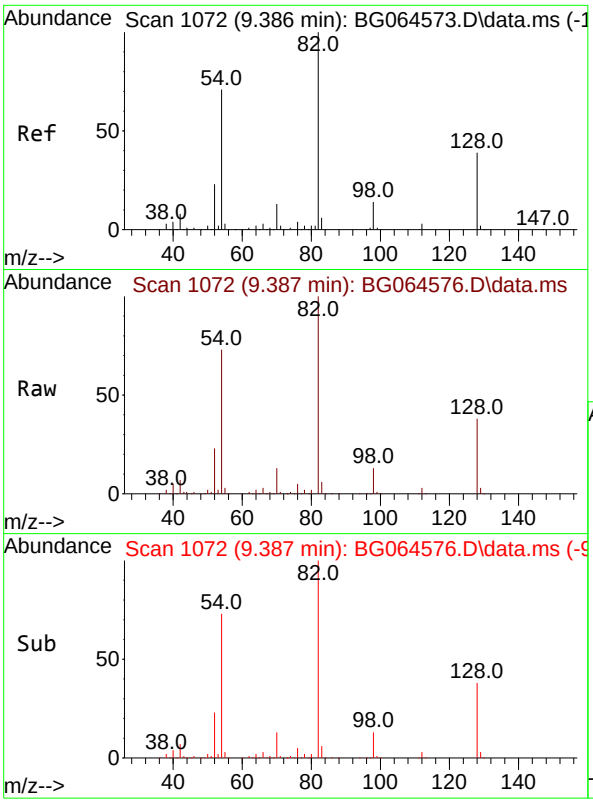


#22
Acetophenone
Concen: 47.155 ng
RT: 9.046 min Scan# 1014
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:105 Resp: 234956

Ion	Ratio	Lower	Upper
105	100		
71	2.8	1.5	2.3#
51	42.1	33.7	50.5
120	19.5	16.1	24.1



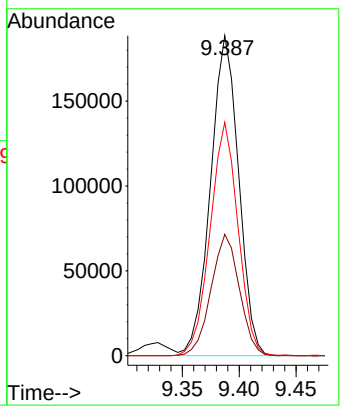


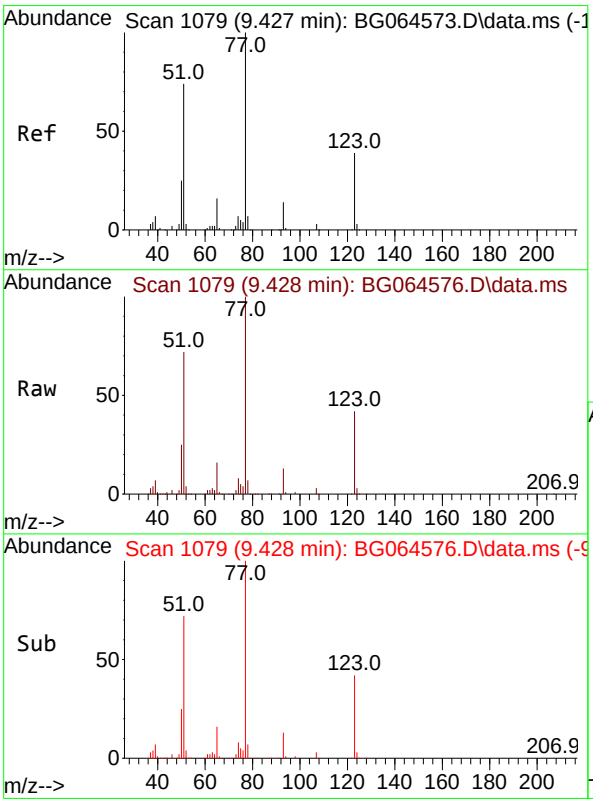
#23
Nitrobenzene-d5
Concen: 106.847 ng
RT: 9.387 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 324249

Ion	Ratio	Lower	Upper
82	100		
128	37.9	31.3	46.9
54	72.9	56.6	84.8

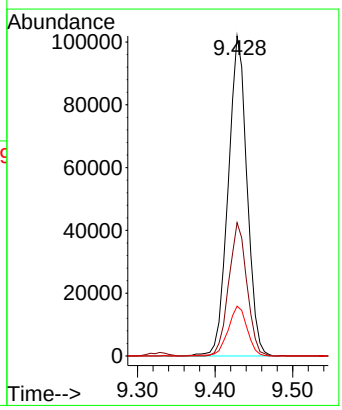


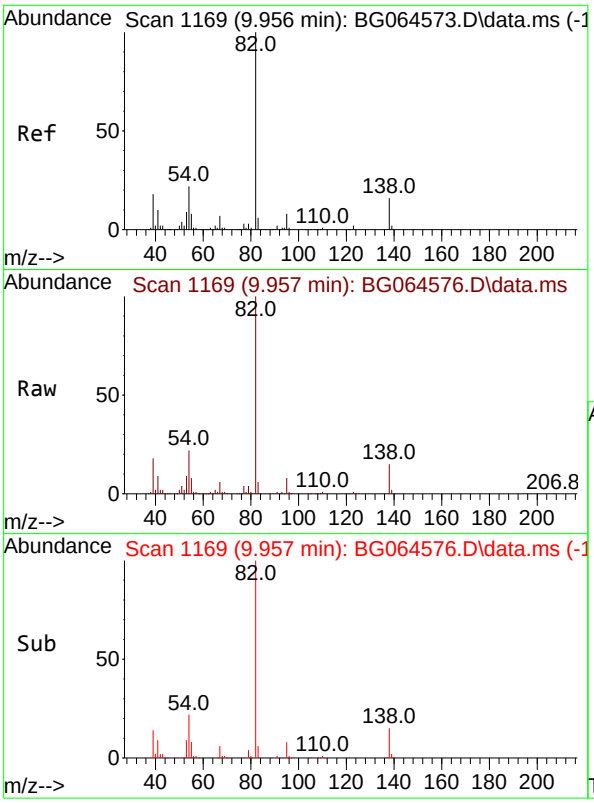


#24
Nitrobenzene
Concen: 52.060 ng
RT: 9.428 min Scan# 1079
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion: 77 Resp: 171837

Ion	Ratio	Lower	Upper
77	100		
123	41.6	31.0	46.6
65	15.5	12.7	19.1



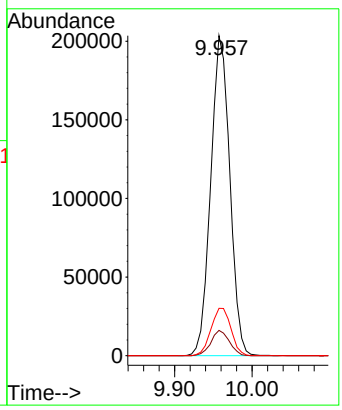


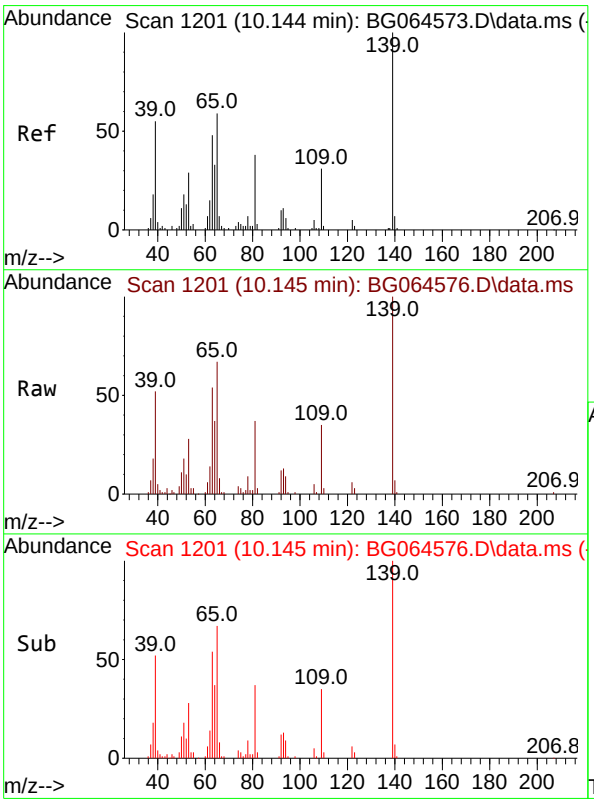
#25
Isophorone
Concen: 47.813 ng
RT: 9.957 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 348174

Ion	Ratio	Lower	Upper
82	100		
95	7.9	6.1	9.1
138	14.8	13.0	19.4

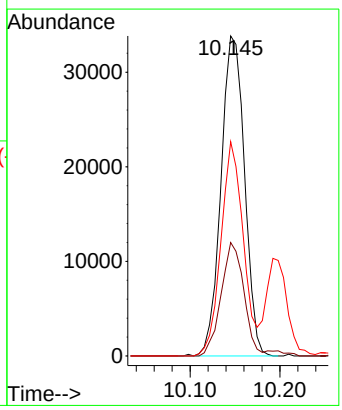


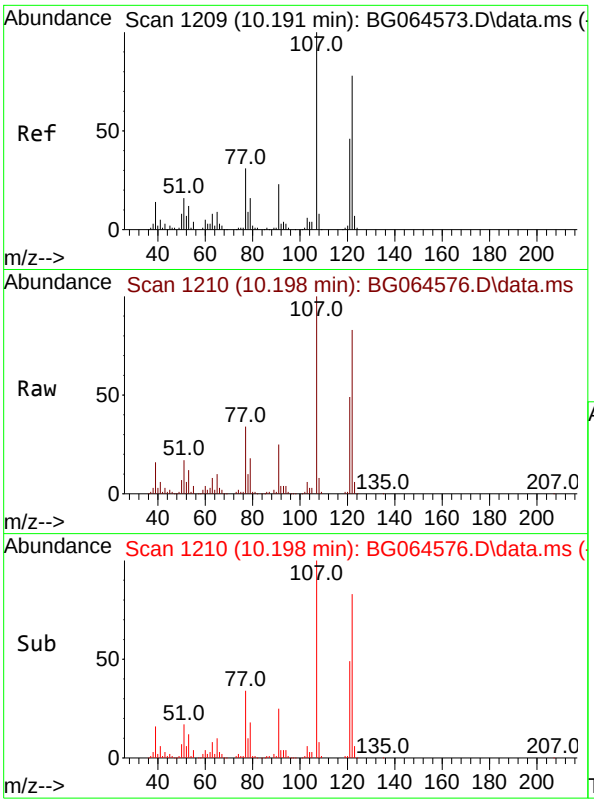


#26
2-Nitrophenol
Concen: 48.353 ng
RT: 10.145 min Scan# 1201
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:139 Resp: 61611

Ion	Ratio	Lower	Upper
139	100		
109	35.4	24.6	37.0
65	67.0	47.5	71.3



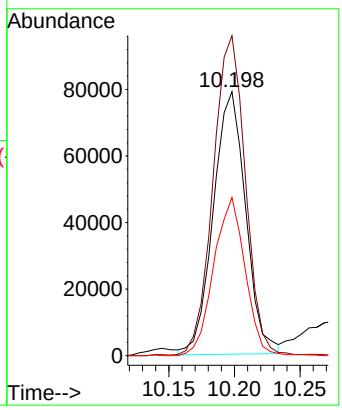


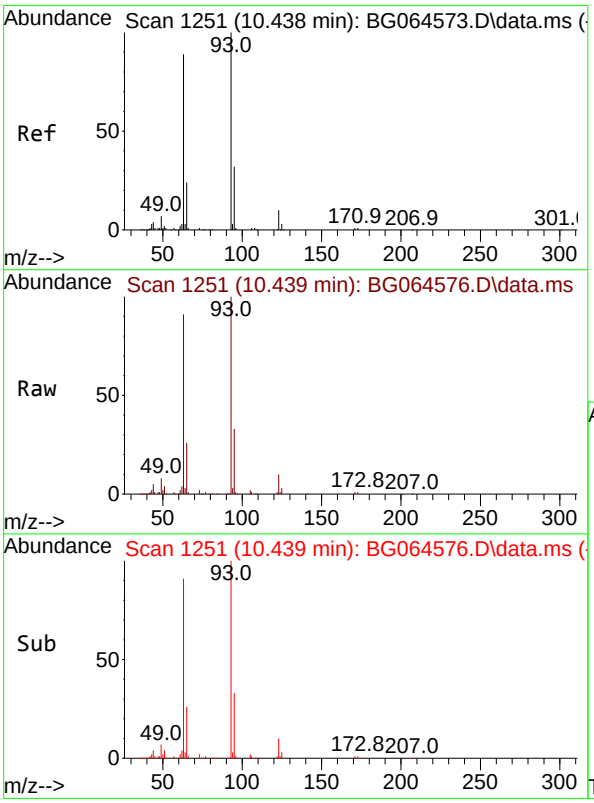
#27
2,4-Dimethylphenol
Concen: 49.988 ng
RT: 10.198 min Scan# 1
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:122 Resp: 135402

Ion	Ratio	Lower	Upper
122	100		
107	121.2	103.0	154.4
121	59.9	47.8	71.8

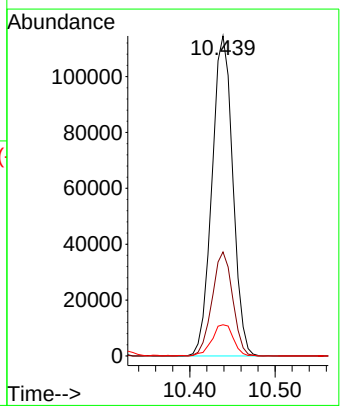


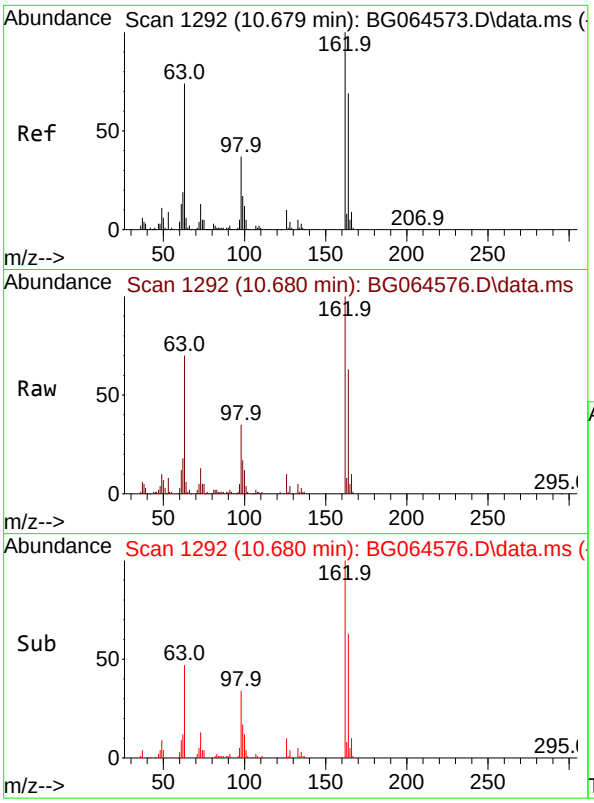


#28
bis(2-Chloroethoxy)methane
Concen: 46.800 ng
RT: 10.439 min Scan# 1251
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion: 93 Resp: 194038

Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.4	38.2
123	9.7	8.4	12.6



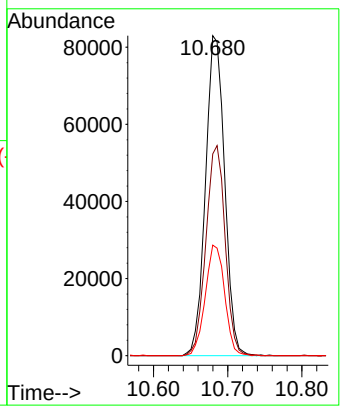


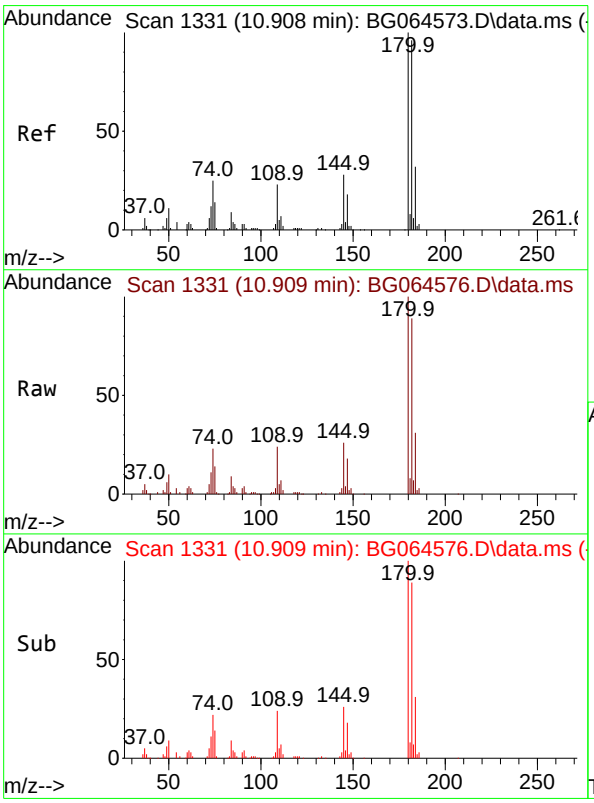
#29
2,4-Dichlorophenol
Concen: 51.062 ng
RT: 10.680 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 148850

Ion	Ratio	Lower	Upper
162	100		
164	63.1	48.7	88.7
98	34.6	16.9	56.9

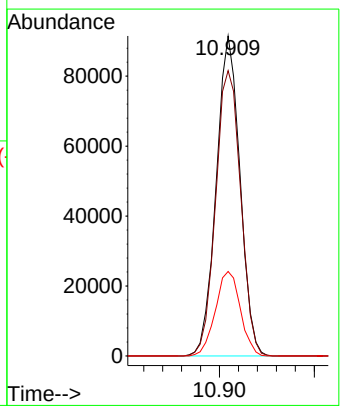


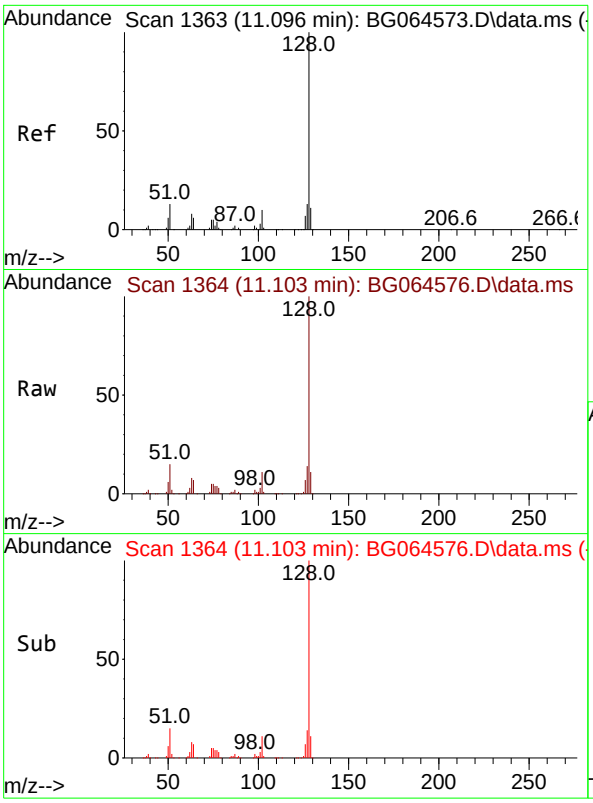


#30
1,2,4-Trichlorobenzene
Concen: 48.068 ng
RT: 10.909 min Scan# 1331
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:180 Resp: 159207

Ion	Ratio	Lower	Upper
180	100		
182	89.2	76.9	115.3
145	26.4	22.1	33.1



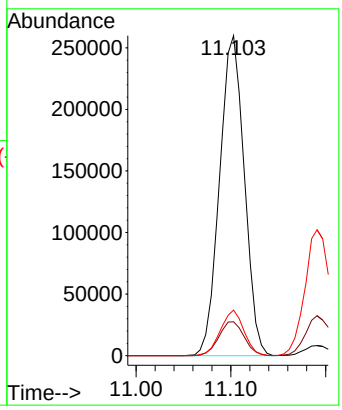


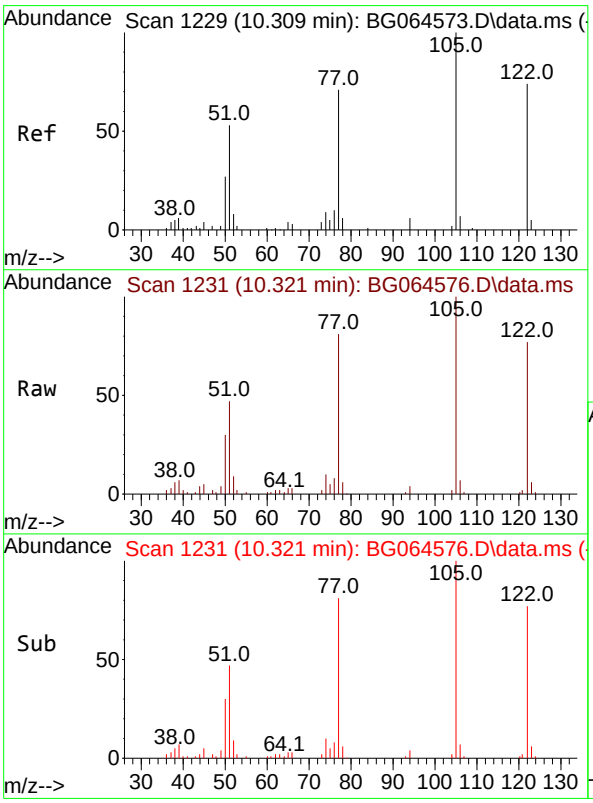
#31
Naphthalene
Concen: 46.695 ng
RT: 11.103 min Scan# 1
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:128 Resp: 471891

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.8	13.2
127	14.3	10.6	15.8

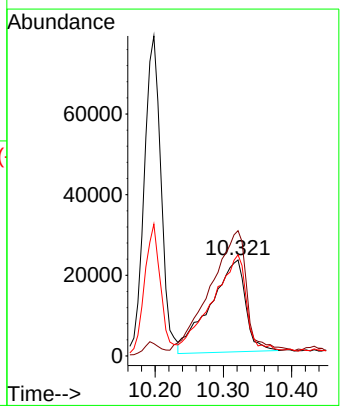


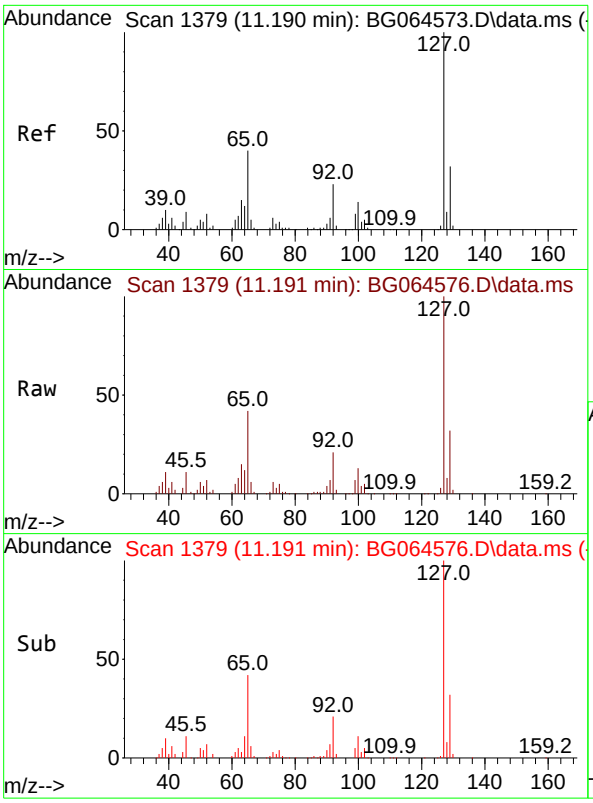


#32
Benzoic acid
Concen: 40.705 ng
RT: 10.321 min Scan# 1231
Delta R.T. 0.012 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:122 Resp: 82072

Ion	Ratio	Lower	Upper
122	100		
105	130.6	104.2	144.2
77	105.4	70.2	110.2



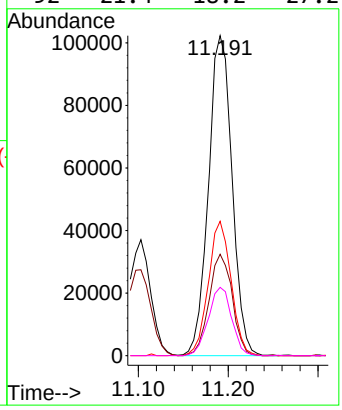


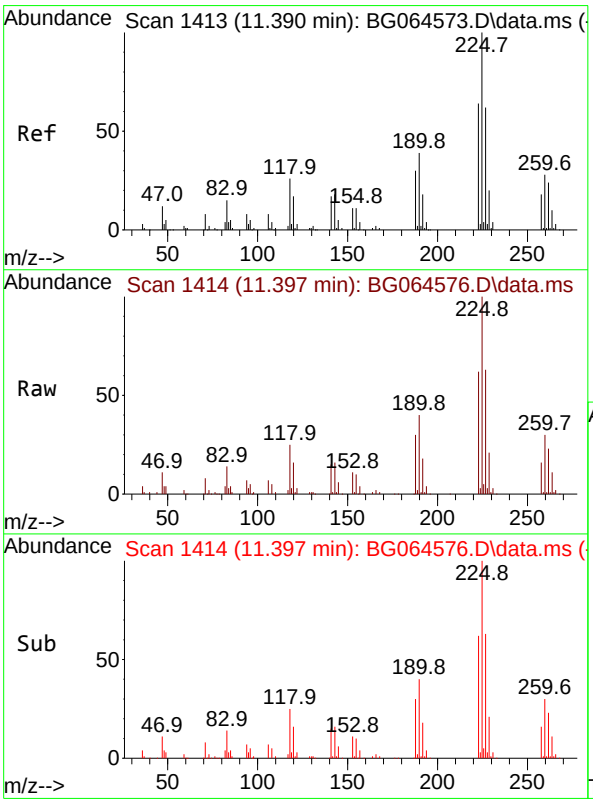
#33
4-Chloroaniline
Concen: 47.560 ng
RT: 11.191 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:127 Resp: 186814

Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.5	38.3
65	42.0	32.2	48.4
92	21.4	18.2	27.2

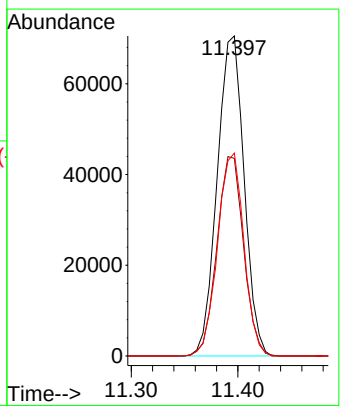


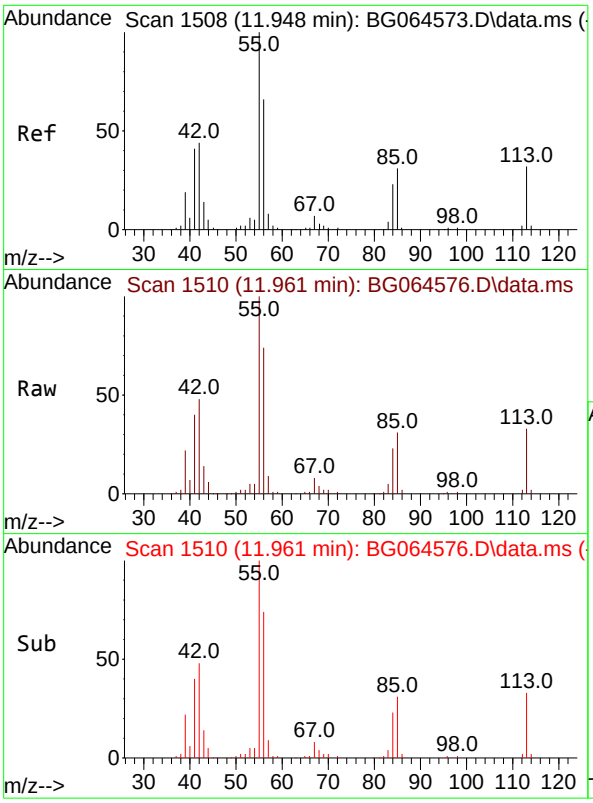


#34
Hexachlorobutadiene
Concen: 47.716 ng
RT: 11.397 min Scan# 1414
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:225 Resp: 123596

Ion	Ratio	Lower	Upper
225	100		
223	59.0	48.8	73.2
227	63.1	49.5	74.3



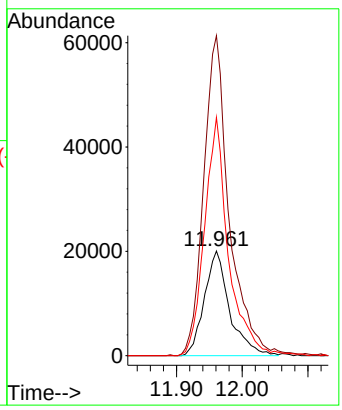


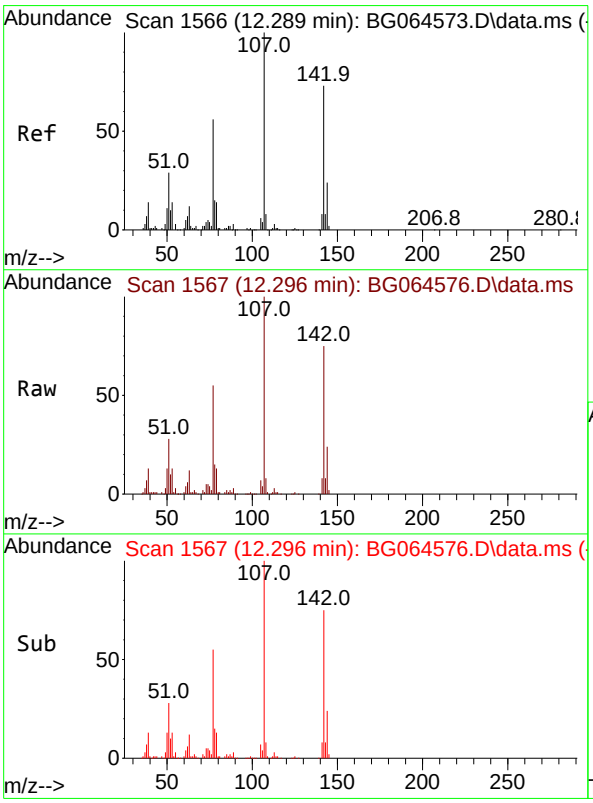
#35
Caprolactam
Concen: 48.020 ng
RT: 11.961 min Scan# 1
Delta R.T. 0.013 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:113 Resp: 53689

Ion	Ratio	Lower	Upper
113	100		
55	305.8	290.1	330.1
56	227.6	183.8	223.8#

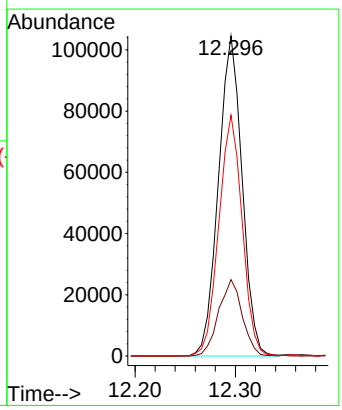


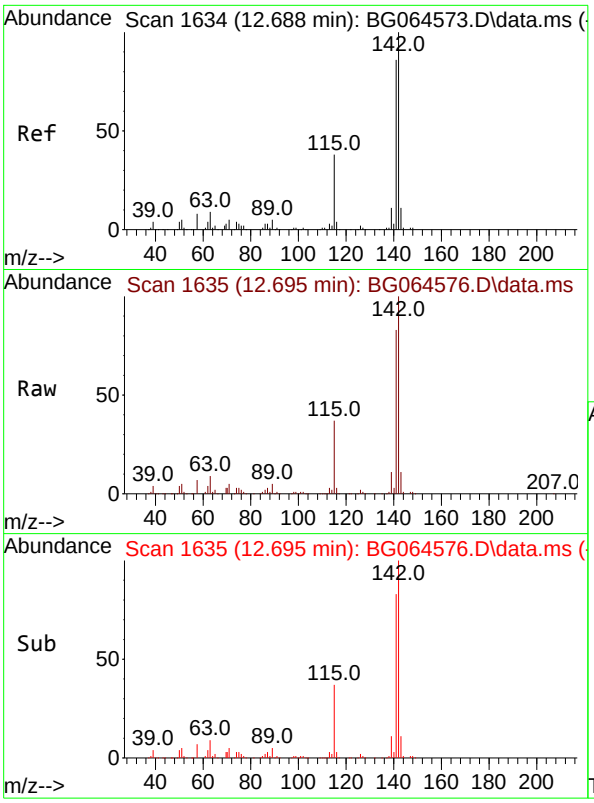


#36
4-Chloro-3-methylphenol
Concen: 48.836 ng
RT: 12.296 min Scan# 1567
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:107 Resp: 171120

Ion	Ratio	Lower	Upper
107	100		
144	23.9	19.1	28.7
142	75.2	58.6	87.8



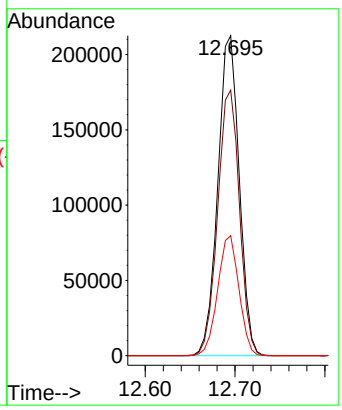


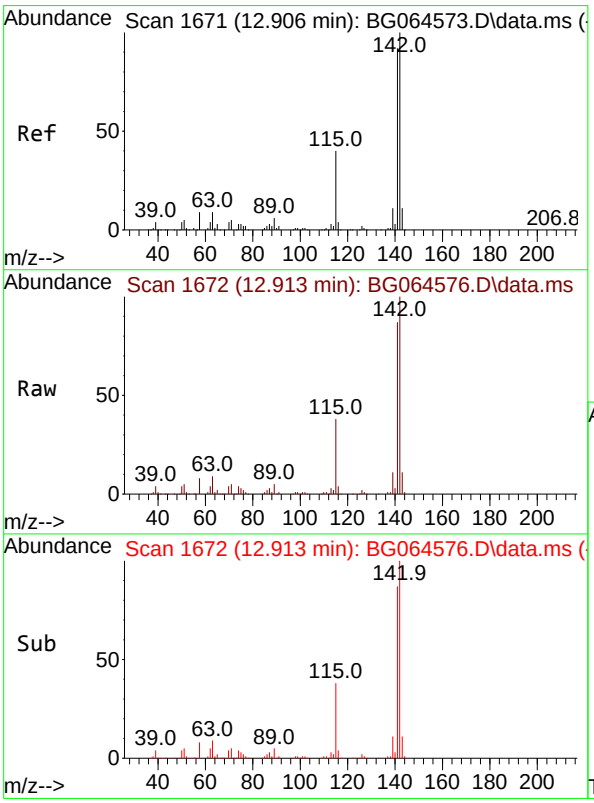
#37
2-Methylnaphthalene
Concen: 47.435 ng
RT: 12.695 min Scan# 1
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:142 Resp: 351946

Ion	Ratio	Lower	Upper
142	100		
141	83.0	68.9	103.3
115	37.5	30.6	46.0

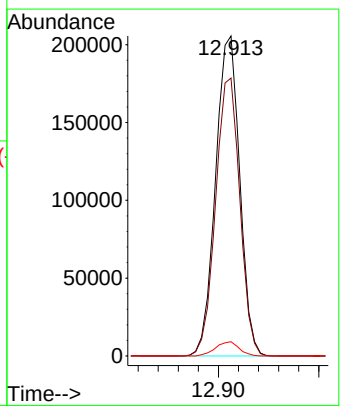


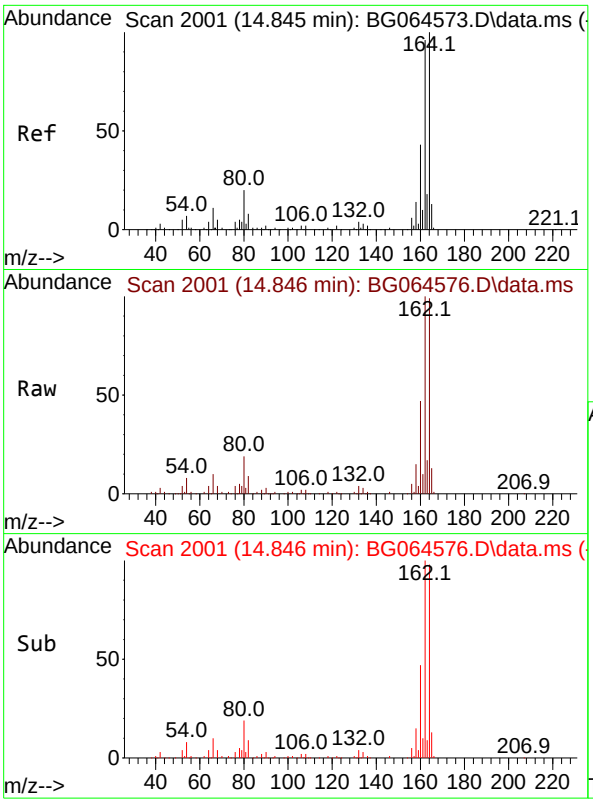


#38
1-Methylnaphthalene
Concen: 46.666 ng
RT: 12.913 min Scan# 1672
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:142 Resp: 342687

Ion	Ratio	Lower	Upper
142	100		
141	86.8	73.3	109.9
116	4.4	3.1	4.7



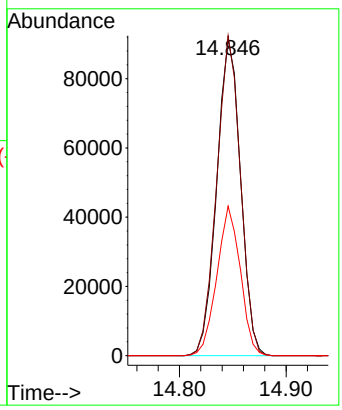


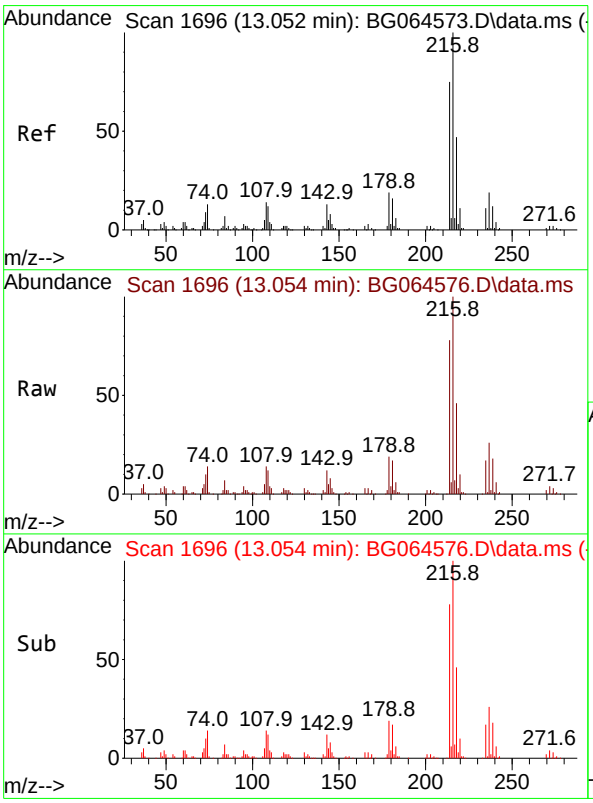
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.846 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:164 Resp: 142032

Ion	Ratio	Lower	Upper
164	100		
162	101.1	77.0	115.6
160	47.2	34.4	51.6

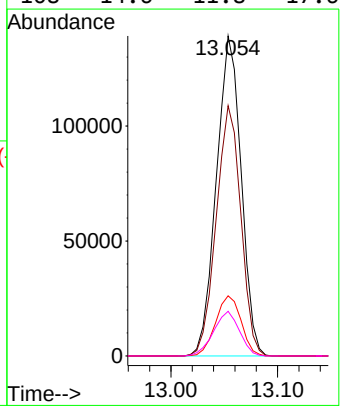


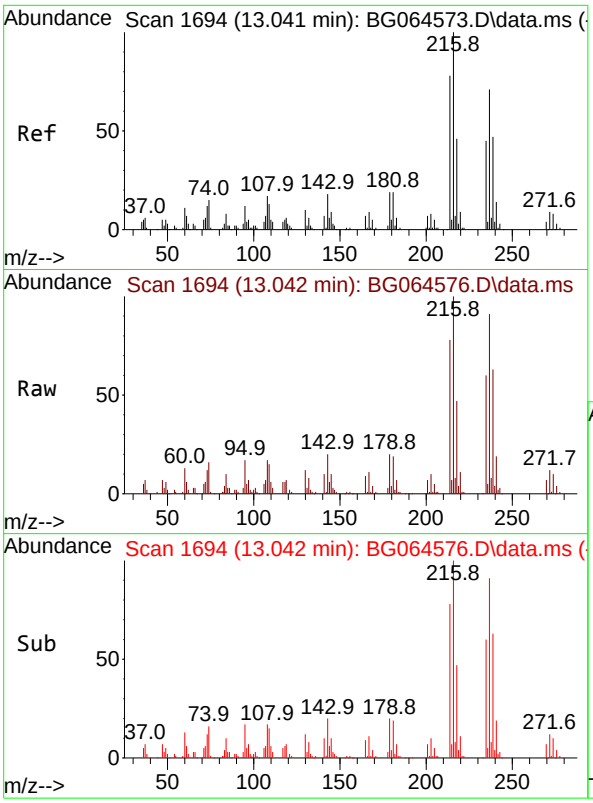


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.131 ng
RT: 13.054 min Scan# 1696
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:216 Resp: 224658

Ion	Ratio	Lower	Upper
216	100		
214	77.5	61.4	92.2
179	19.4	15.4	23.0
108	14.6	11.8	17.6



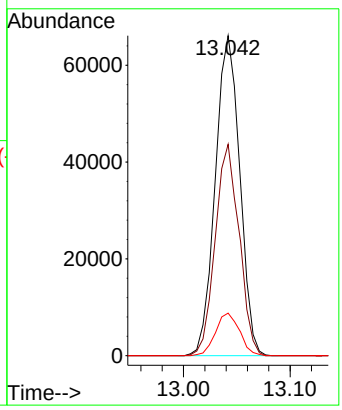


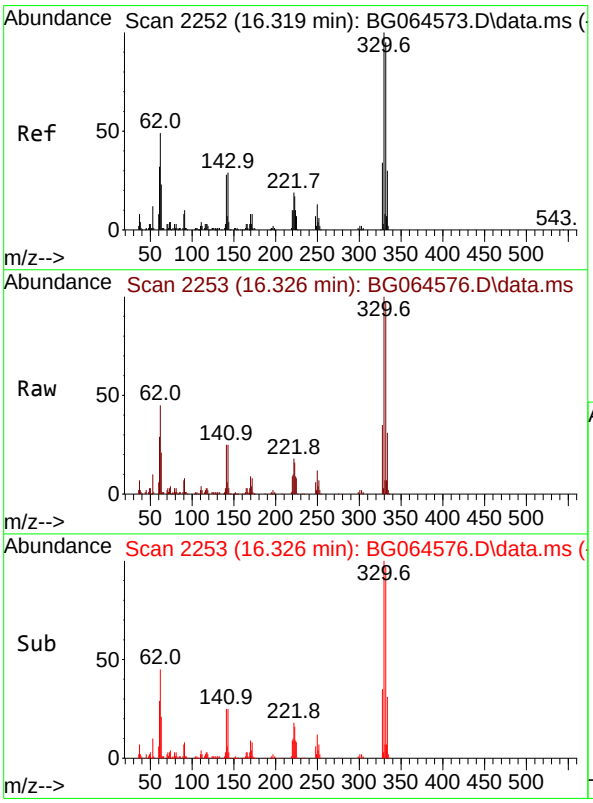
#41
Hexachlorocyclopentadiene
Concen: 49.131 ng
RT: 13.042 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:237 Resp: 105411

Ion	Ratio	Lower	Upper
237	100		
235	66.1	44.1	84.1
272	13.3	0.0	32.4

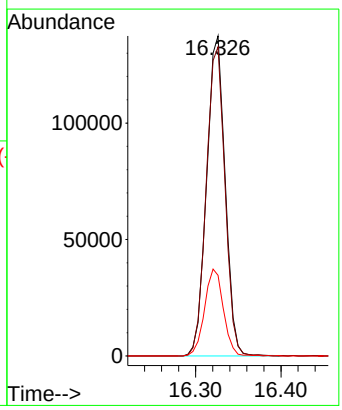


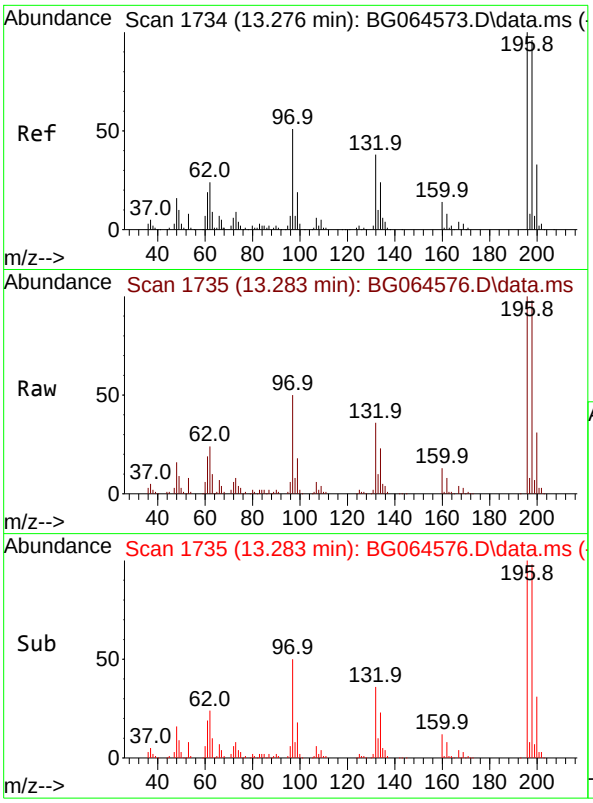


#42
2,4,6-Tribromophenol
Concen: 101.122 ng
RT: 16.326 min Scan# 2253
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:330 Resp: 207294

Ion	Ratio	Lower	Upper
330	100		
332	97.5	78.0	117.0
141	27.6	21.8	32.6



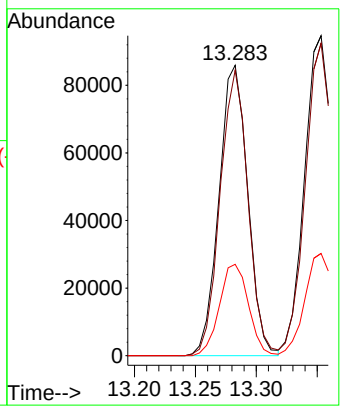


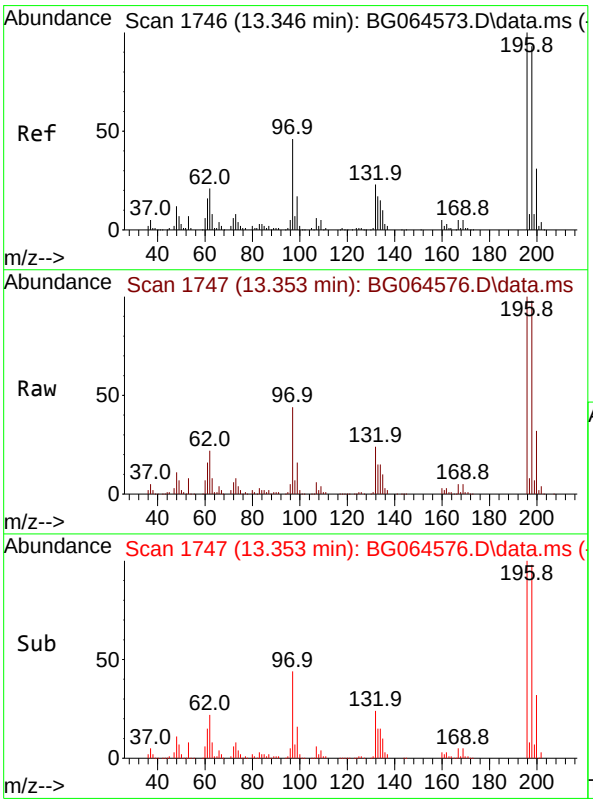
#43
2,4,6-Trichlorophenol
Concen: 51.898 ng
RT: 13.283 min Scan# 1
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:196 Resp: 141505

Ion	Ratio	Lower	Upper
196	100		
198	98.3	76.6	115.0
200	31.4	26.0	39.0

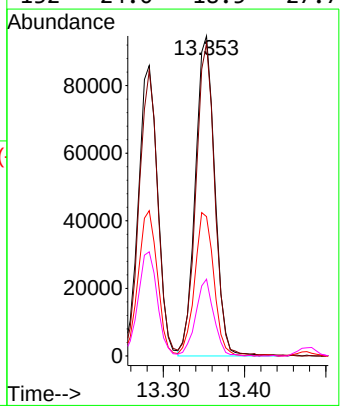


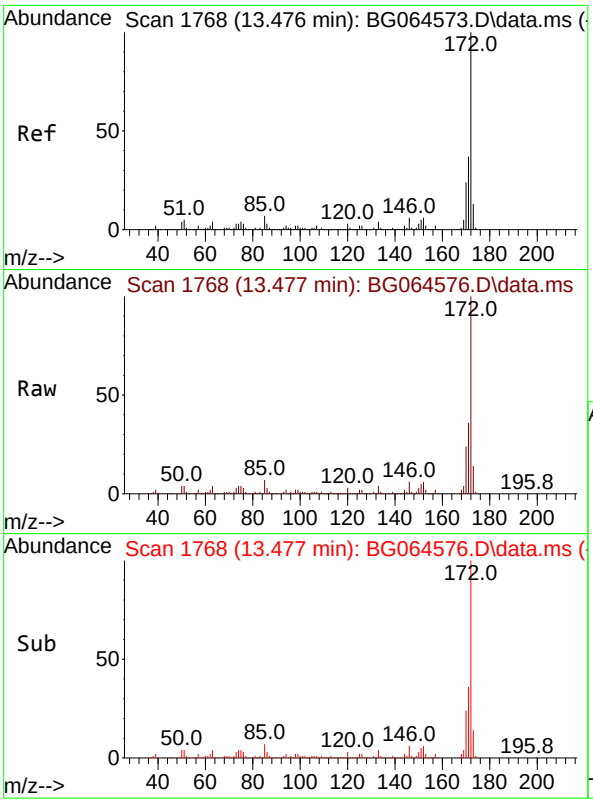


#44
2,4,5-Trichlorophenol
Concen: 49.997 ng
RT: 13.353 min Scan# 1747
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:196 Resp: 157315

Ion	Ratio	Lower	Upper
196	100		
198	97.6	74.2	111.4
97	43.5	37.0	55.6
132	24.0	18.5	27.7



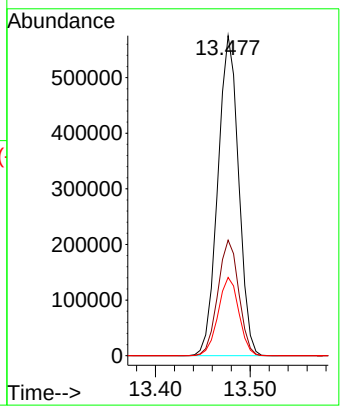


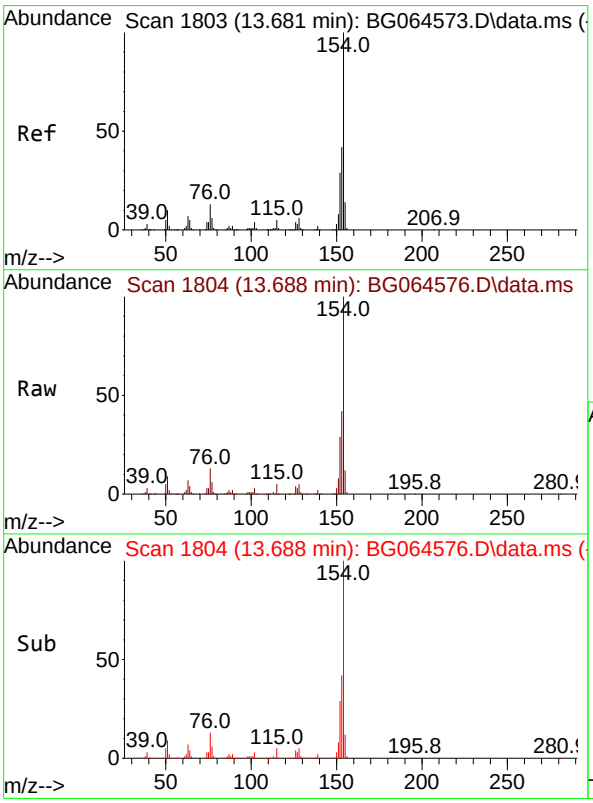
#45
2-Fluorobiphenyl
Concen: 93.626 ng
RT: 13.477 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:172 Resp: 877315

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.5	19.1	28.7

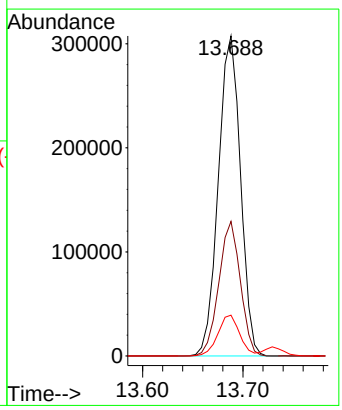


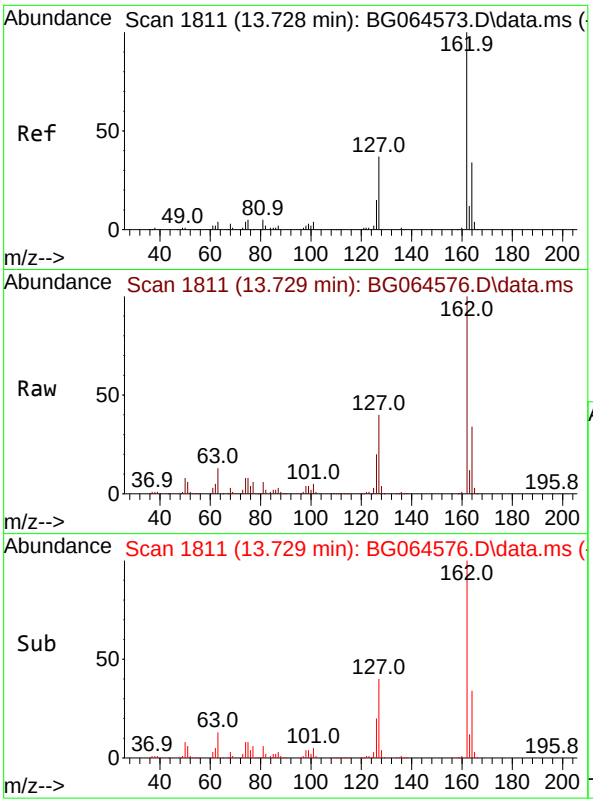


#46
1,1'-Biphenyl
Concen: 46.613 ng
RT: 13.688 min Scan# 1804
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:154 Resp: 470676

Ion	Ratio	Lower	Upper
154	100		
153	42.0	22.4	62.4
76	12.8	0.0	33.5



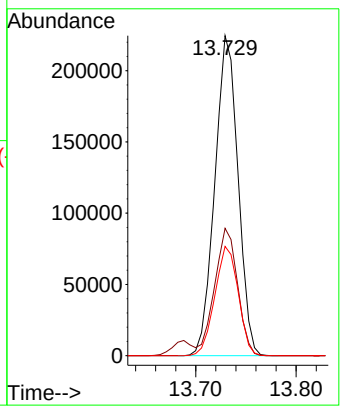


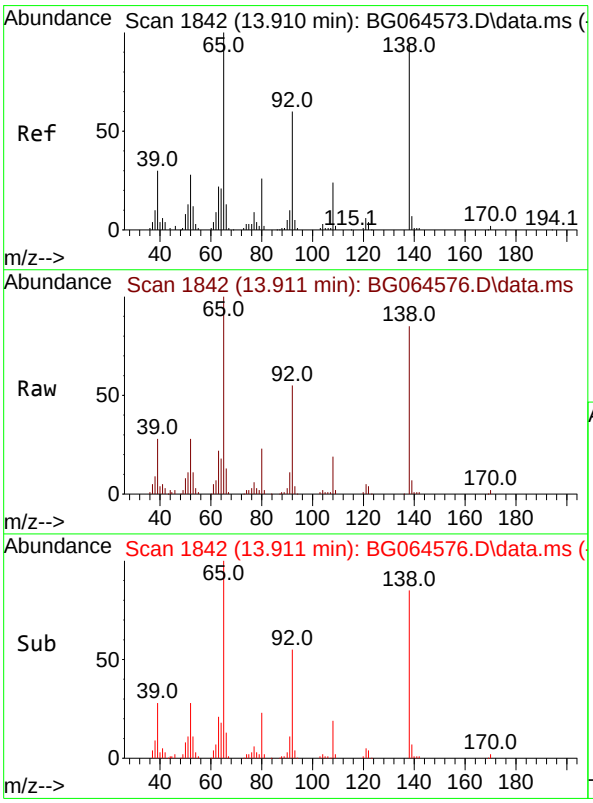
#47
2-Chloronaphthalene
Concen: 47.208 ng
RT: 13.729 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 359811

Ion	Ratio	Lower	Upper
162	100		
127	39.8	32.2	48.2
164	34.2	27.5	41.3

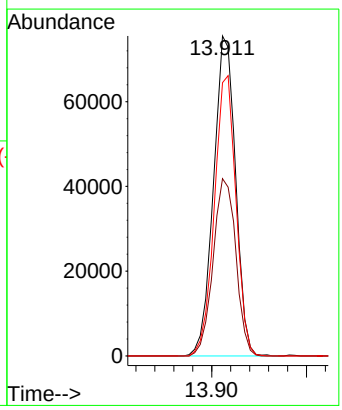


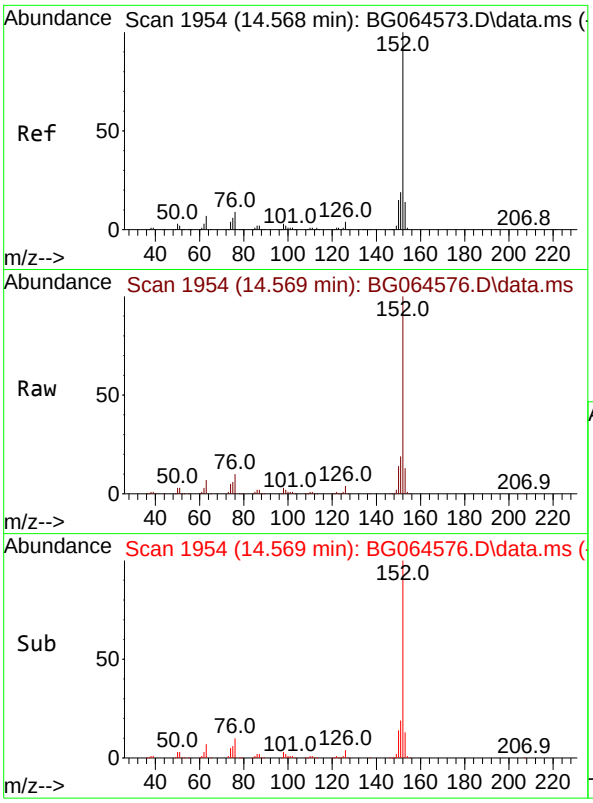


#48
2-Nitroaniline
Concen: 47.668 ng
RT: 13.911 min Scan# 1842
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion: 65 Resp: 121908

Ion	Ratio	Lower	Upper
65	100		
92	55.4	48.3	72.5
138	85.4	74.9	112.3



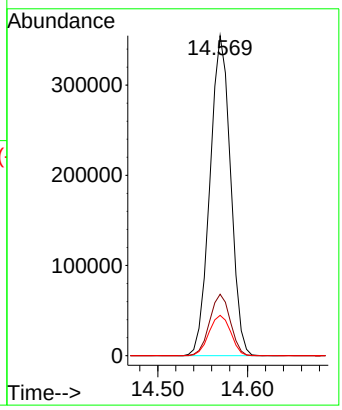


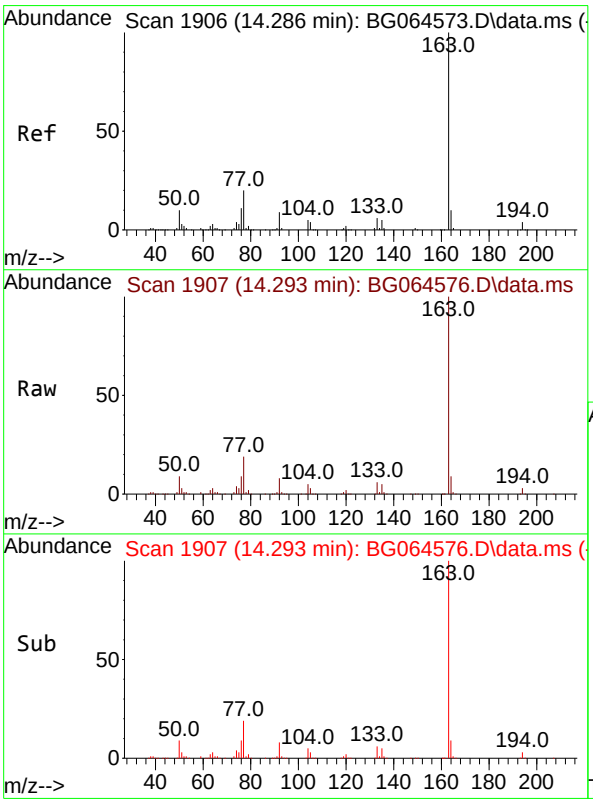
#49
Acenaphthylene
Concen: 47.060 ng
RT: 14.569 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 565771

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.2
153	12.6	11.0	16.4

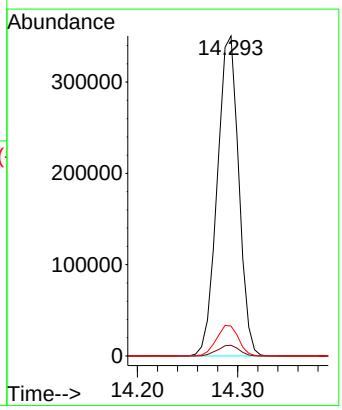


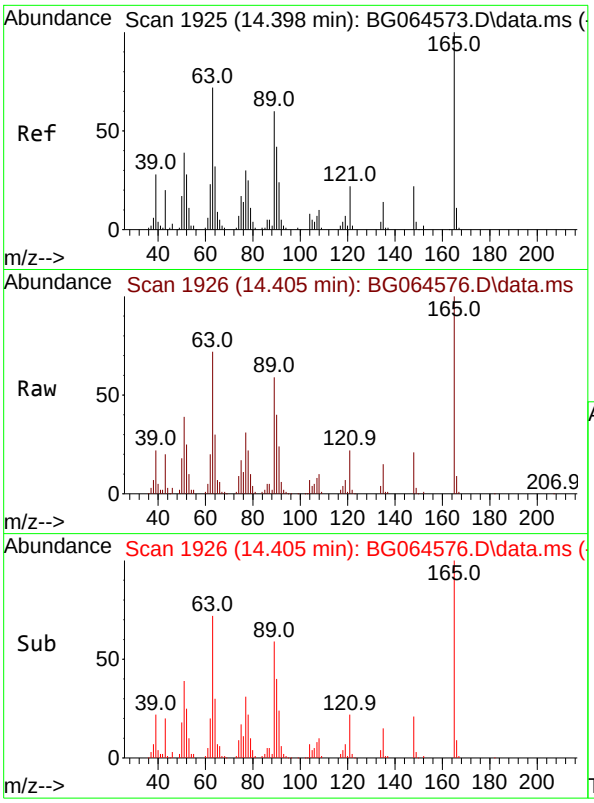


#50
Dimethylphthalate
Concen: 47.781 ng
RT: 14.293 min Scan# 1907
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:163 Resp: 519303

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.8	4.2
164	9.3	7.7	11.5



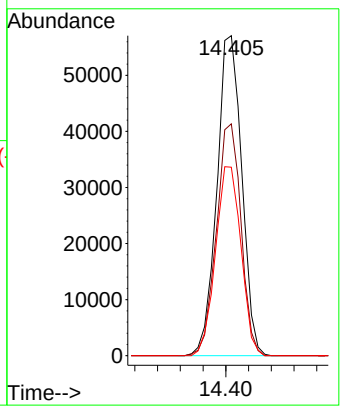


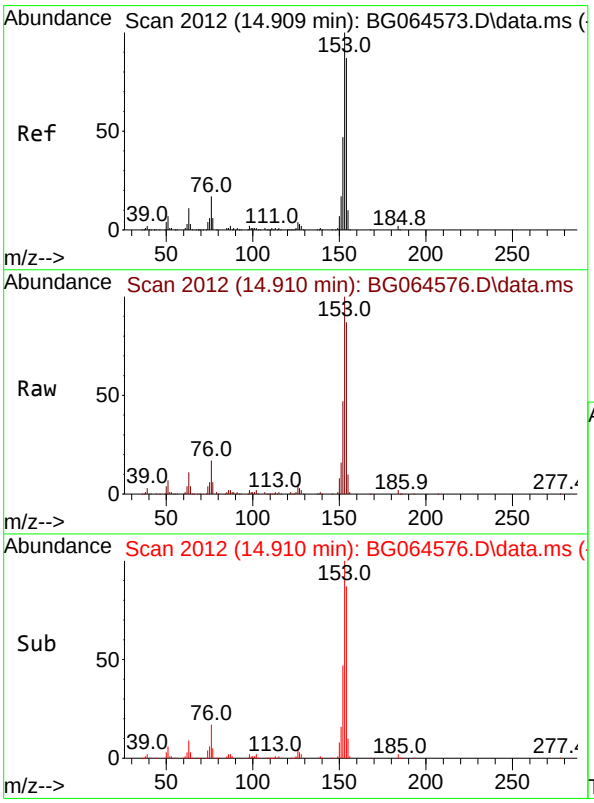
#51
2,6-Dinitrotoluene
Concen: 48.306 ng
RT: 14.405 min Scan# 1
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 86665

Ion	Ratio	Lower	Upper
165	100		
63	72.5	57.4	86.0
89	58.9	47.8	71.8

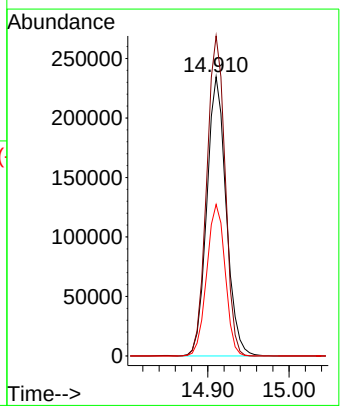


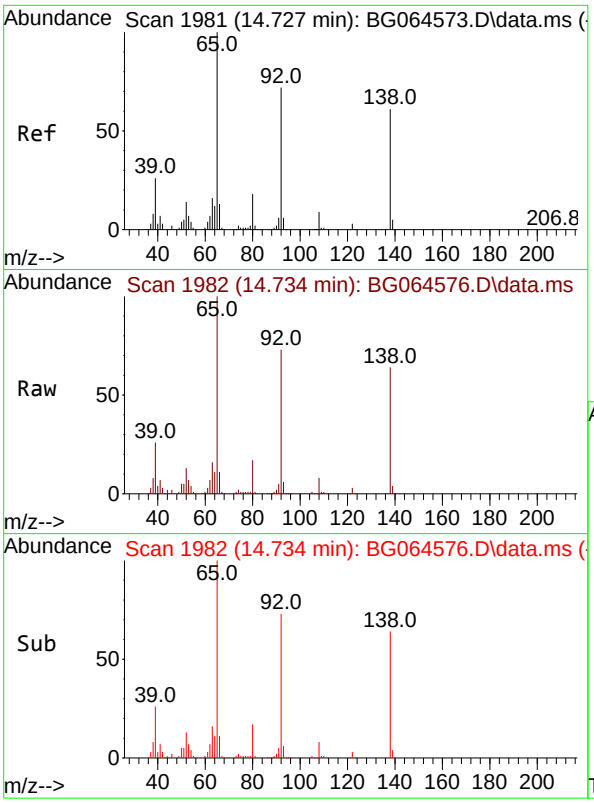


#52
Acenaphthene
Concen: 47.239 ng
RT: 14.910 min Scan# 2012
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:154 Resp: 388012

Ion	Ratio	Lower	Upper
154	100		
153	114.6	92.2	138.4
152	54.3	43.2	64.8



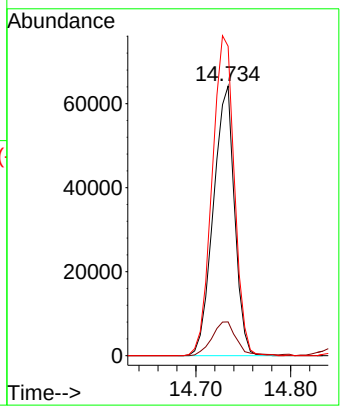


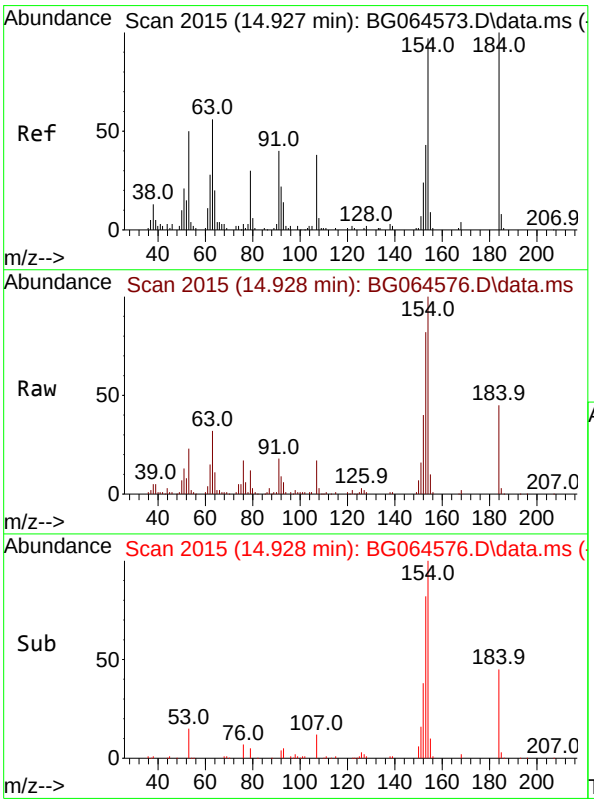
#53
3-Nitroaniline
Concen: 53.405 ng
RT: 14.734 min Scan# 1
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:138 Resp: 99748

Ion	Ratio	Lower	Upper
138	100		
108	12.6	11.4	17.0
92	114.8	95.3	142.9

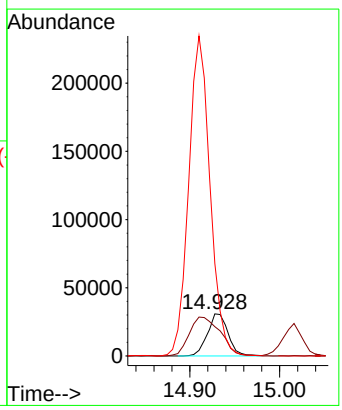


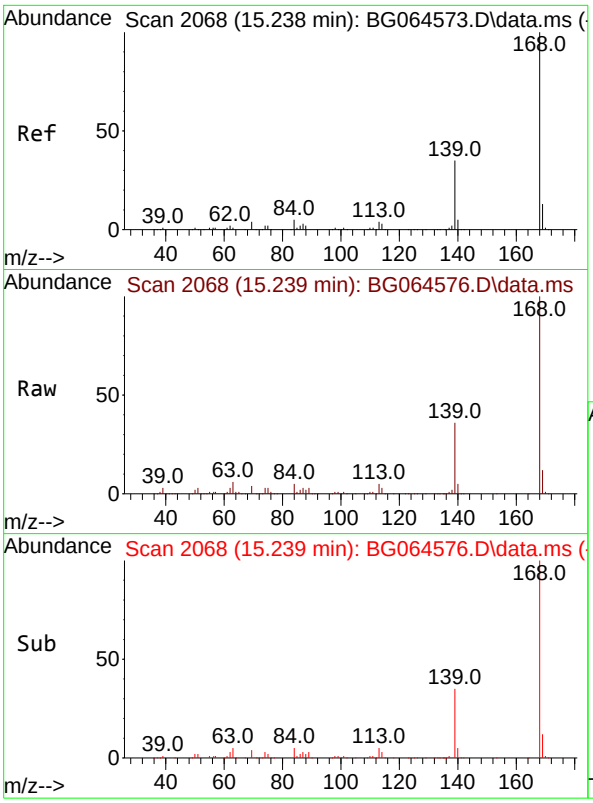


#54
2,4-Dinitrophenol
Concen: 47.268 ng
RT: 14.928 min Scan# 2015
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:184 Resp: 49318

Ion	Ratio	Lower	Upper
184	100		
63	69.5	56.6	85.0
154	219.8	158.6	238.0



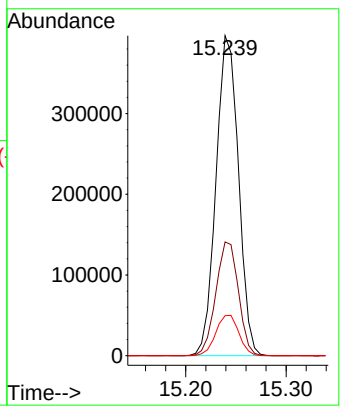


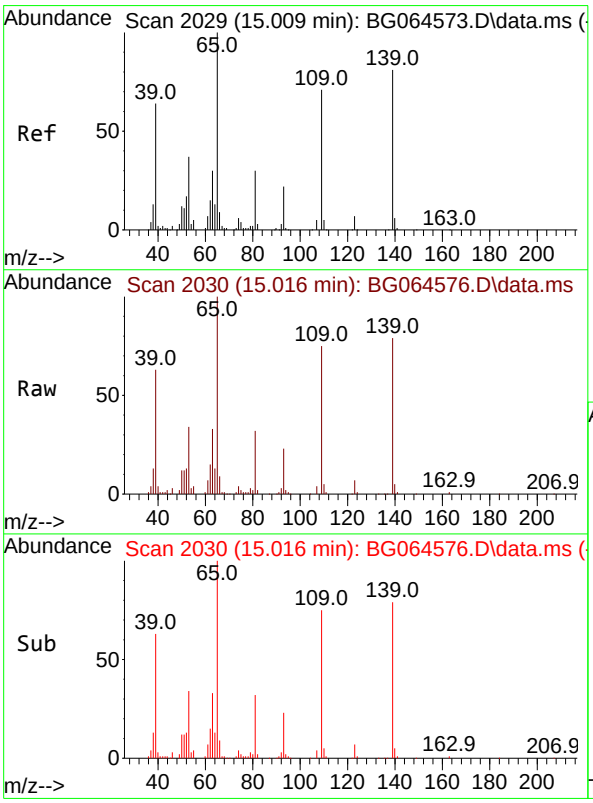
#55
Dibenzofuran
Concen: 46.355 ng
RT: 15.239 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:168 Resp: 615553

Ion	Ratio	Lower	Upper
168	100		
139	35.5	27.8	41.8
169	12.5	10.3	15.5

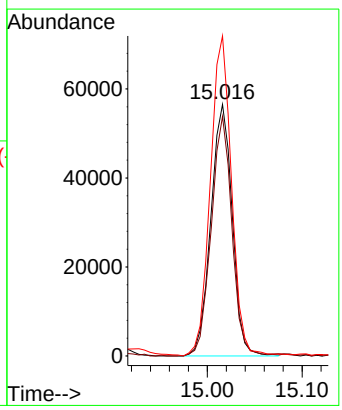


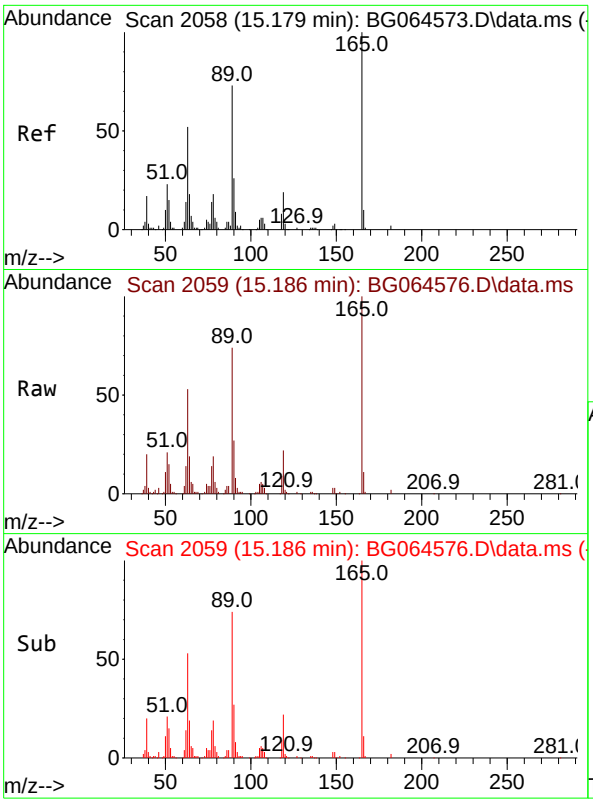


#56
4-Nitrophenol
Concen: 51.169 ng
RT: 15.016 min Scan# 2030
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:139 Resp: 88609

Ion	Ratio	Lower	Upper
139	100		
109	95.2	67.8	107.8
65	127.2	103.7	143.7



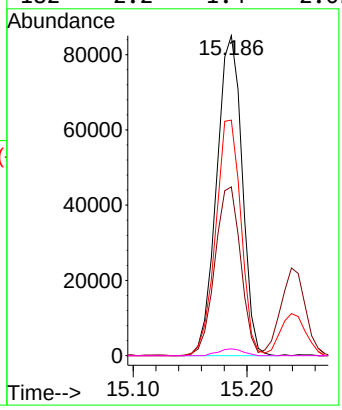


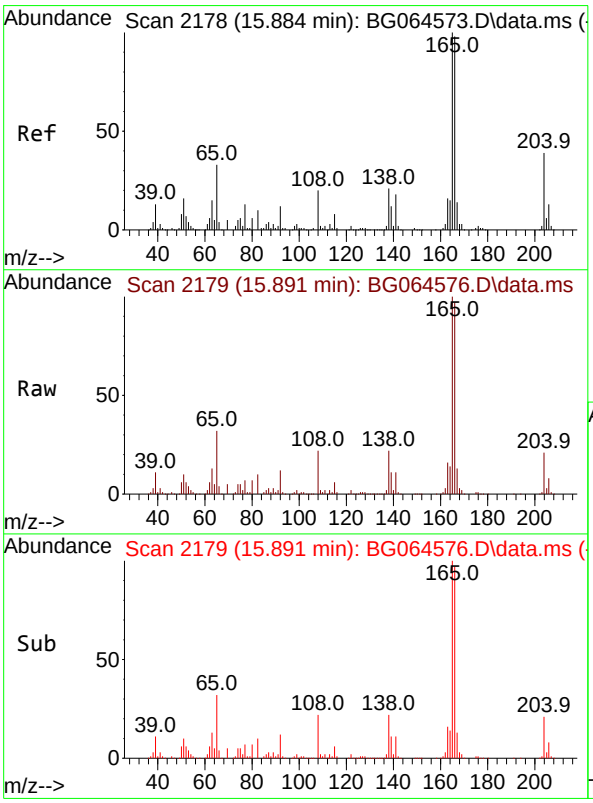
#57
2,4-Dinitrotoluene
Concen: 47.759 ng
RT: 15.186 min Scan# 2
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 132374

Ion	Ratio	Lower	Upper
165	100		
63	52.8	41.8	62.8
89	73.6	58.1	87.1
182	2.2	1.4	2.0#

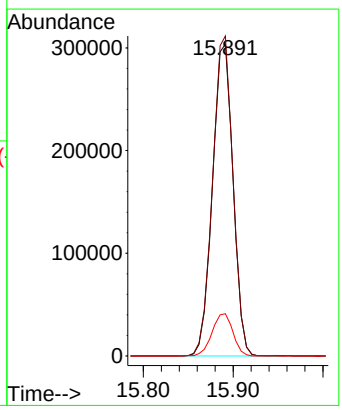


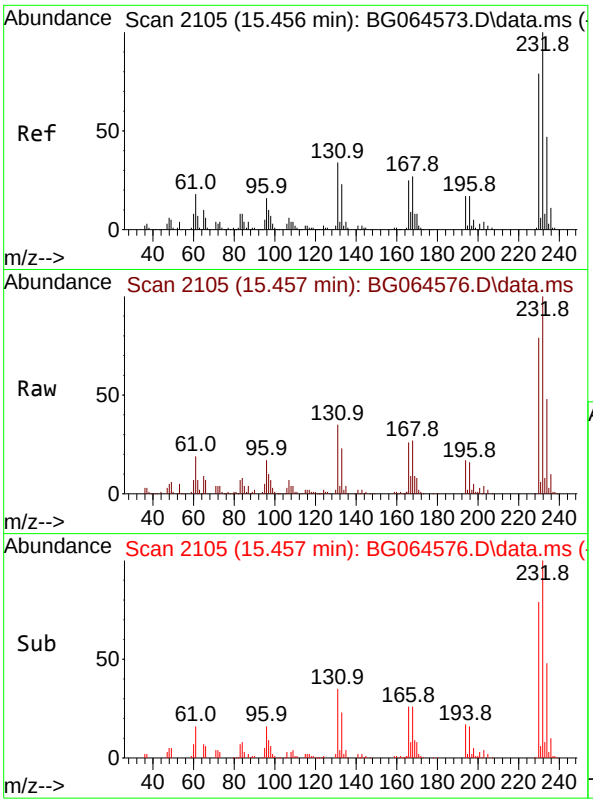


#58
Fluorene
Concen: 46.441 ng
RT: 15.891 min Scan# 2179
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:166 Resp: 481625

Ion	Ratio	Lower	Upper
166	100		
165	102.6	81.5	122.3
167	13.5	11.4	17.0



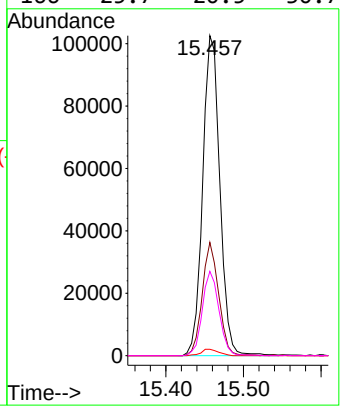


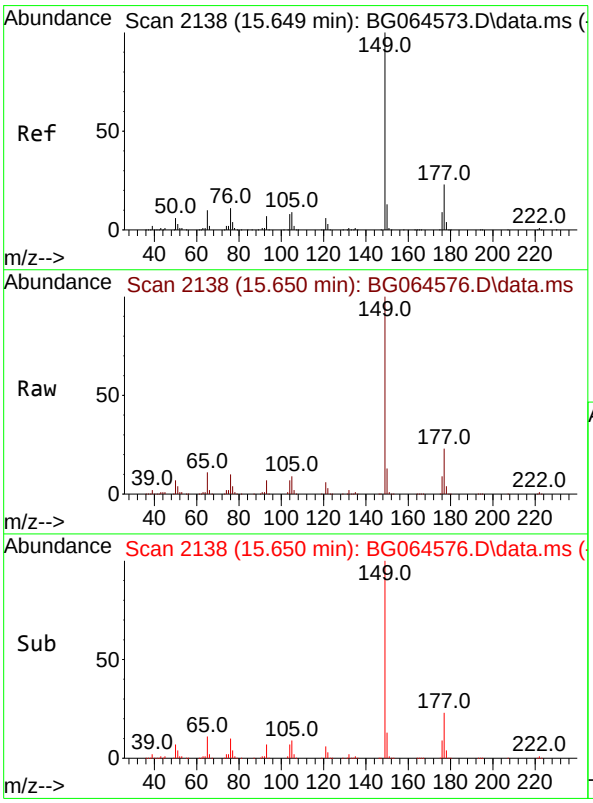
#59
2,3,4,6-Tetrachlorophenol
Concen: 52.440 ng
RT: 15.457 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:232 Resp: 157783

Ion	Ratio	Lower	Upper
232	100		
131	33.9	26.7	40.1
130	2.1	1.6	2.4
166	25.7	20.5	30.7

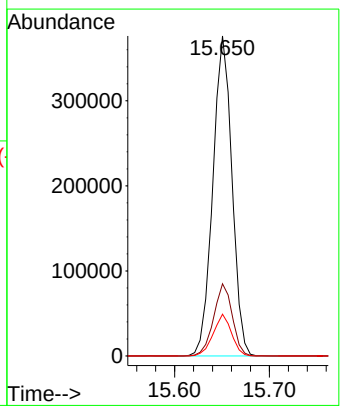


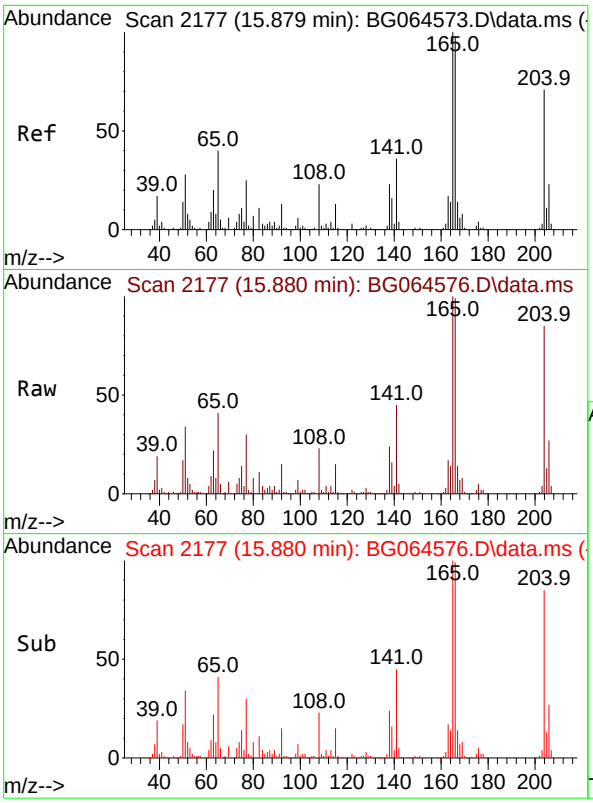


#60
Diethylphthalate
Concen: 47.543 ng
RT: 15.650 min Scan# 2138
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:149 Resp: 527594

Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.0	27.0
150	13.1	10.2	15.4



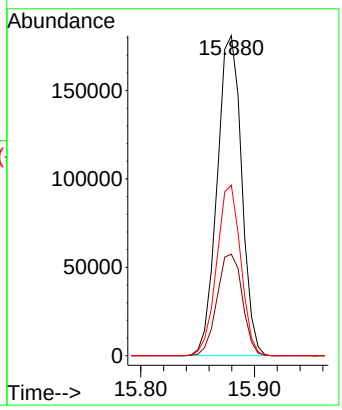


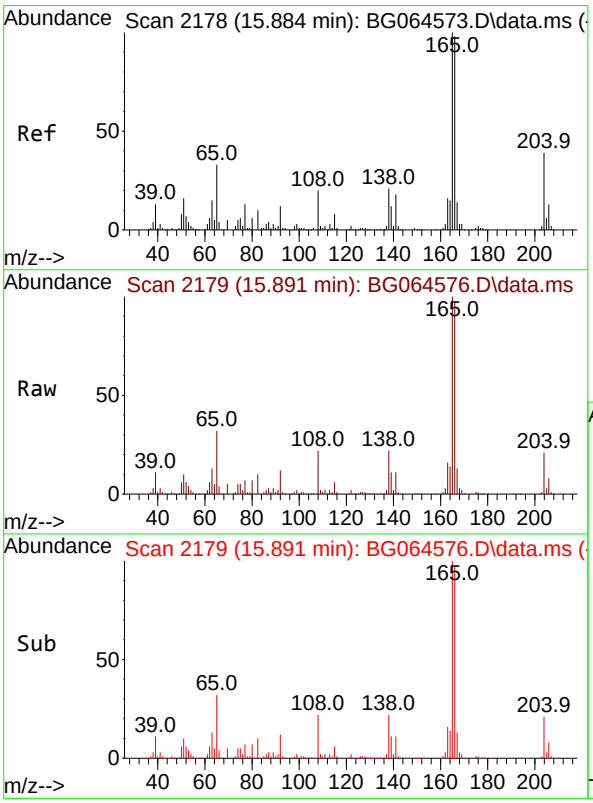
#61
4-Chlorophenyl-phenylether
Concen: 46.576 ng
RT: 15.880 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:204 Resp: 271068

Ion	Ratio	Lower	Upper
204	100		
206	31.7	25.6	38.4
141	53.3	40.6	60.8

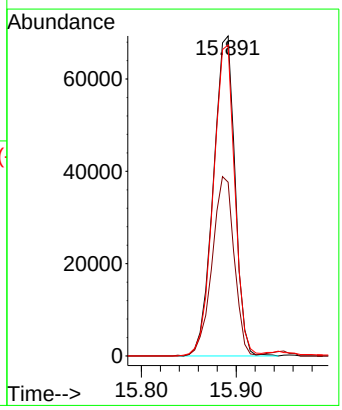


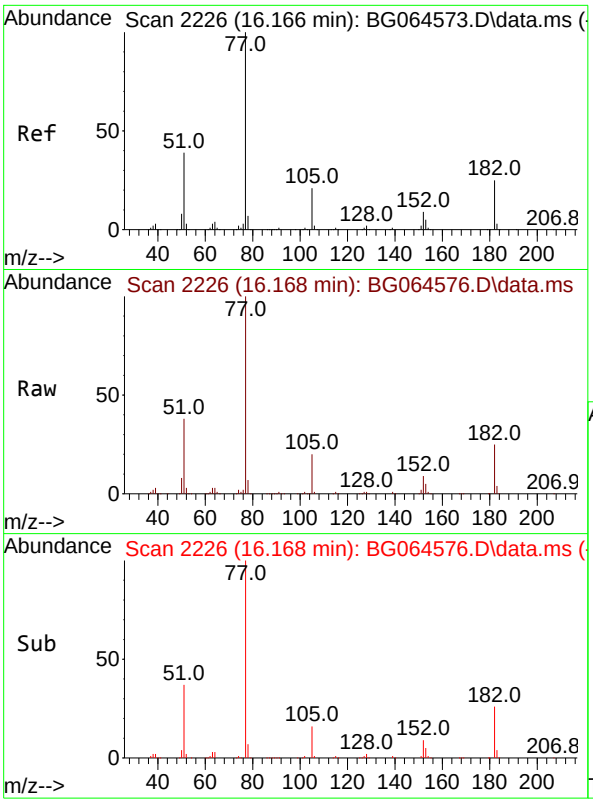


#62
4-Nitroaniline
Concen: 52.970 ng
RT: 15.891 min Scan# 2179
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:138 Resp: 110067

Ion	Ratio	Lower	Upper
138	100		
92	54.3	36.1	76.1
108	97.2	75.6	115.6



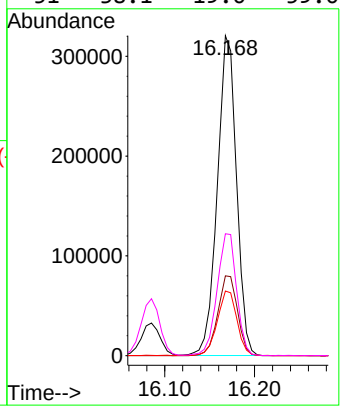


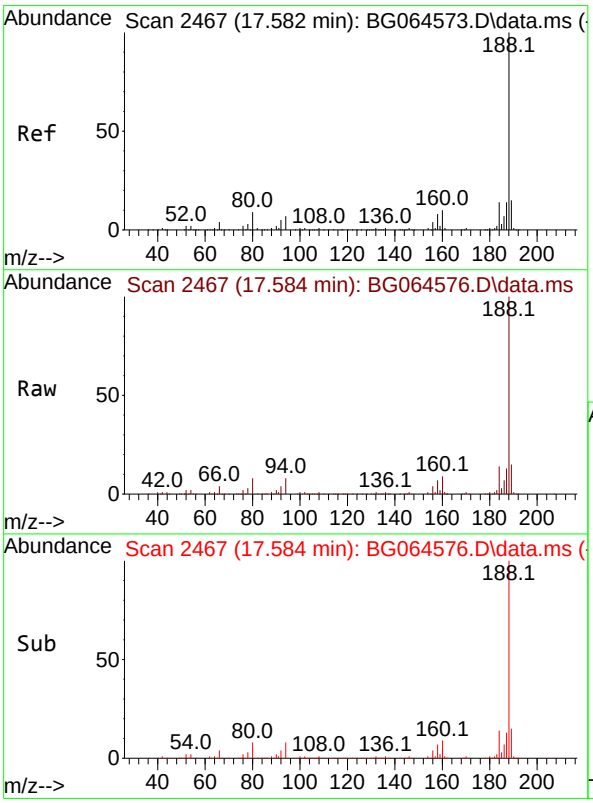
#63
Azobenzene
Concen: 46.671 ng
RT: 16.168 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 475203

Ion	Ratio	Lower	Upper
77	100		
182	25.0	4.9	44.9
105	20.2	1.3	41.3
51	38.1	19.0	59.0

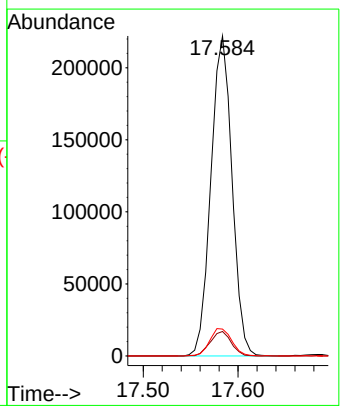


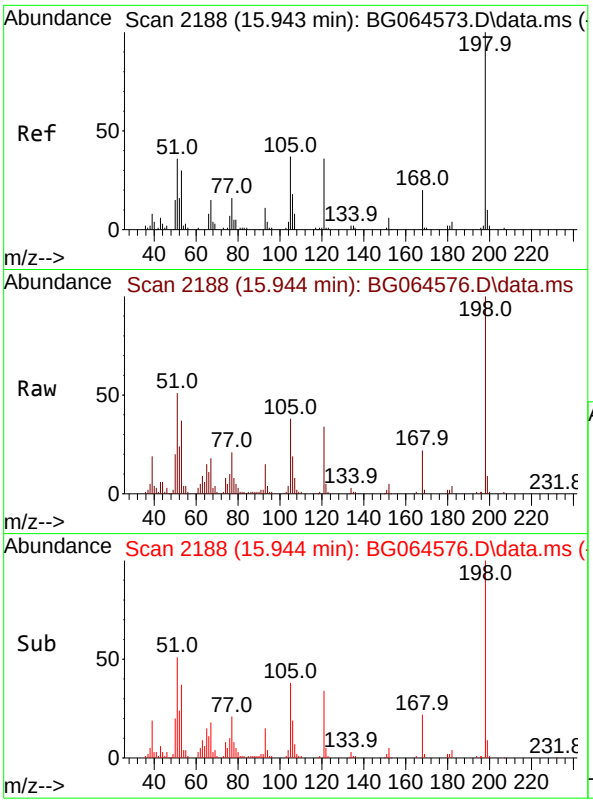


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.584 min Scan# 2467
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:188 Resp: 343365

Ion	Ratio	Lower	Upper
188	100		
94	7.6	5.7	8.5
80	8.4	6.8	10.2



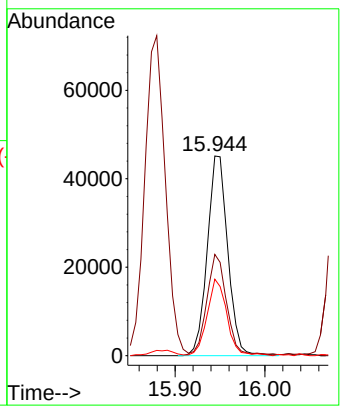


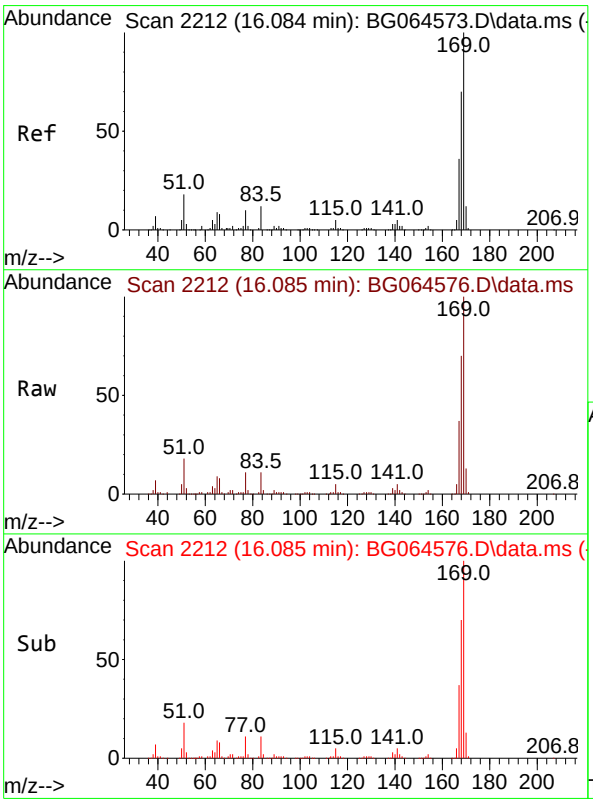
#65
4,6-Dinitro-2-methylphenol
Concen: 47.500 ng
RT: 15.944 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:198 Resp: 71672

Ion	Ratio	Lower	Upper
198	100		
51	50.7	24.7	64.7
105	38.3	18.0	58.0

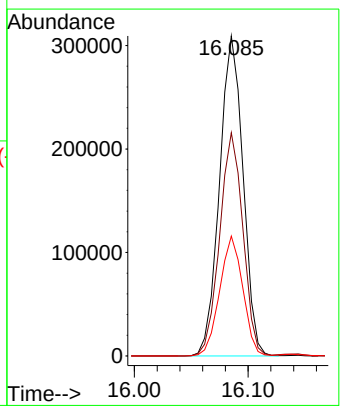


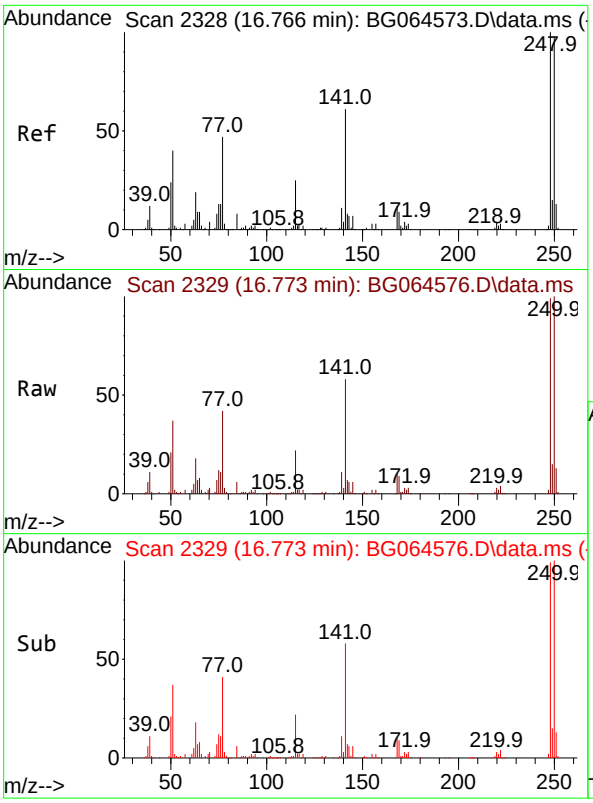


#66
n-Nitrosodiphenylamine
Concen: 47.959 ng
RT: 16.085 min Scan# 2212
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:169 Resp: 444824

Ion	Ratio	Lower	Upper
169	100		
168	69.8	56.3	84.5
167	37.5	29.0	43.6



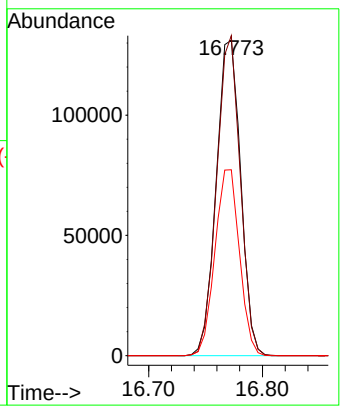


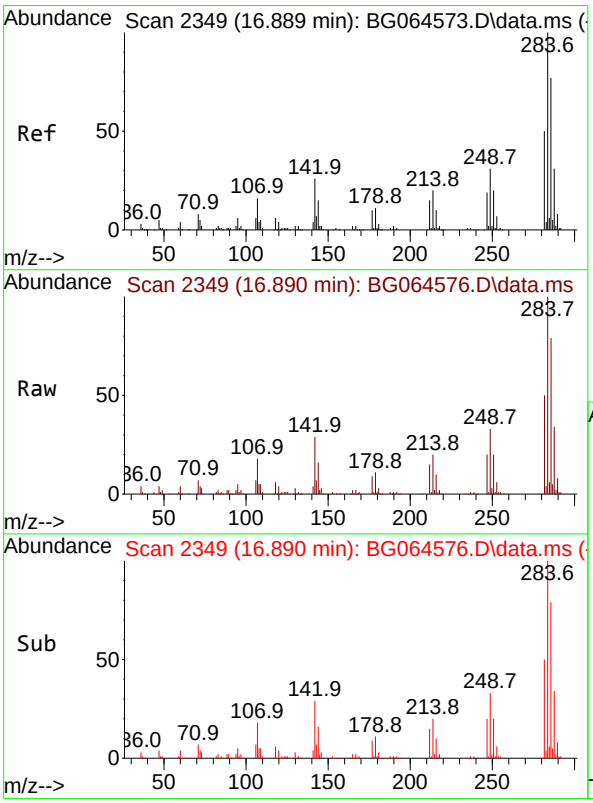
#67
4-Bromophenyl-phenylether
Concen: 48.225 ng
RT: 16.773 min Scan# 2
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:248 Resp: 196226

Ion	Ratio	Lower	Upper
248	100		
250	101.5	77.7	116.5
141	59.0	48.6	72.8

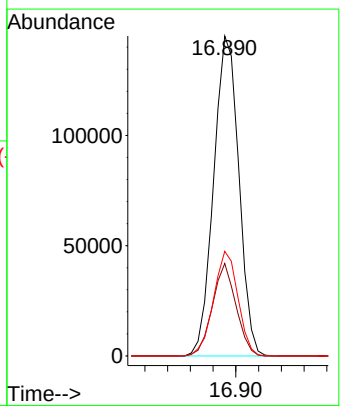


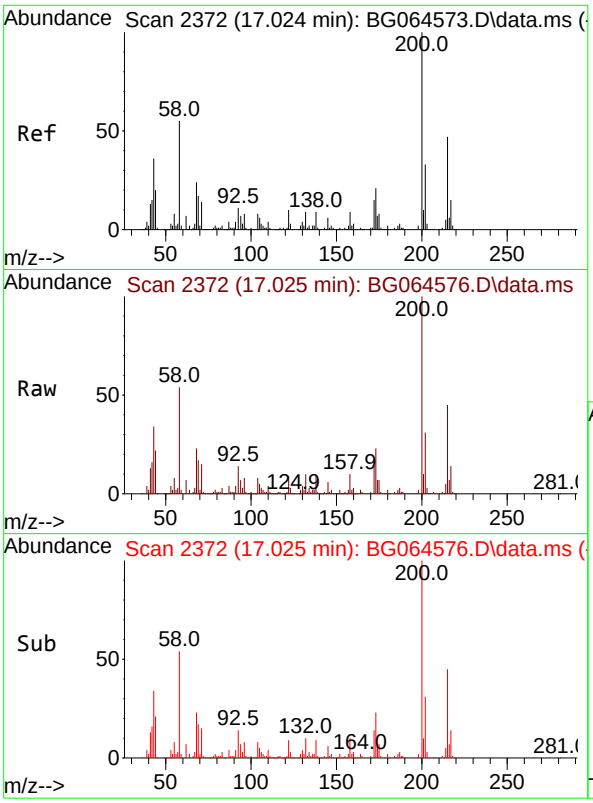


#68
Hexachlorobenzene
Concen: 48.043 ng
RT: 16.890 min Scan# 2349
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:284 Resp: 223018

Ion	Ratio	Lower	Upper
284	100		
142	28.9	21.0	31.6
249	35.3	24.9	37.3



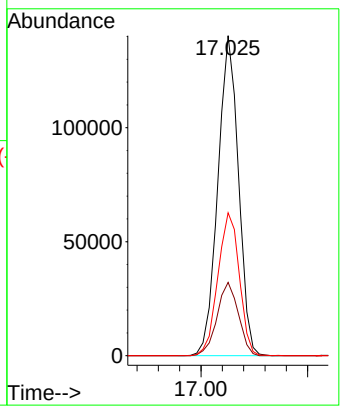


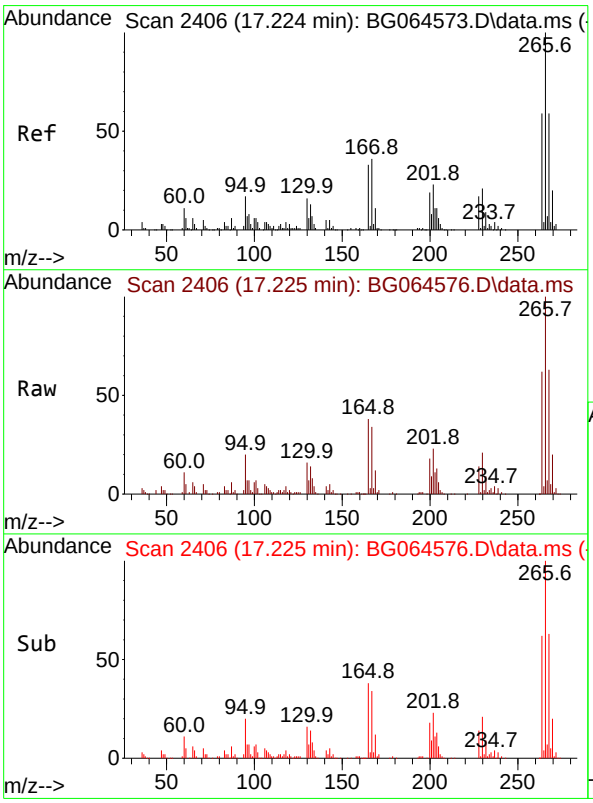
#69
Atrazine
Concen: 47.066 ng
RT: 17.025 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:200 Resp: 187862

Ion	Ratio	Lower	Upper
200	100		
173	22.9	0.9	40.9
215	44.7	27.0	67.0

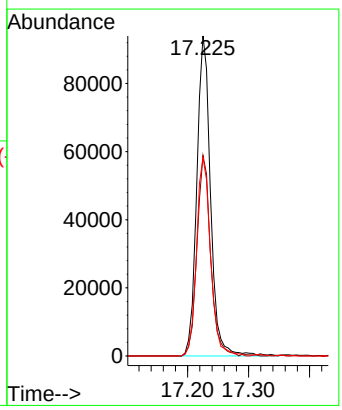


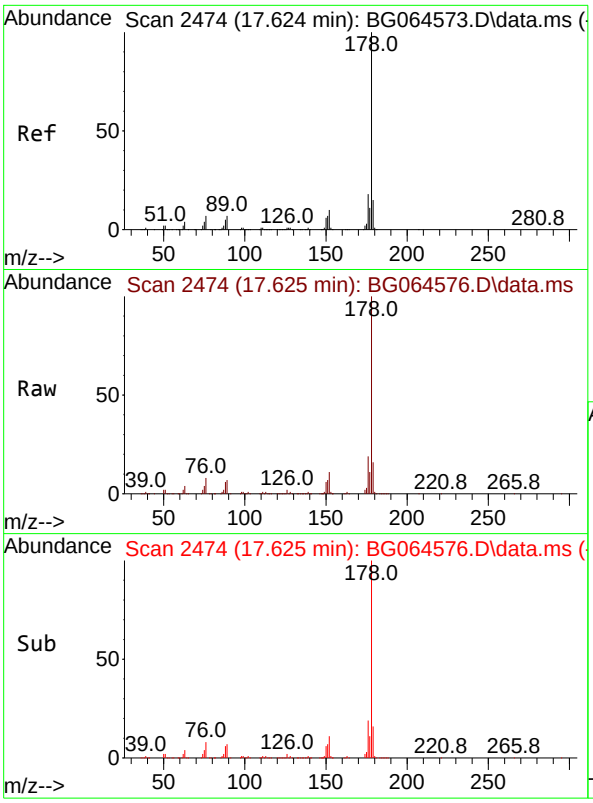


#70
Pentachlorophenol
Concen: 50.930 ng
RT: 17.225 min Scan# 2406
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:266 Resp: 147427

Ion	Ratio	Lower	Upper
266	100		
268	67.9	50.3	75.5
264	62.0	47.3	70.9



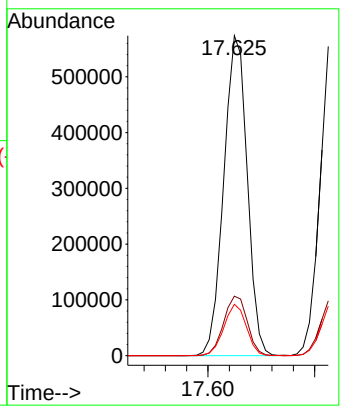


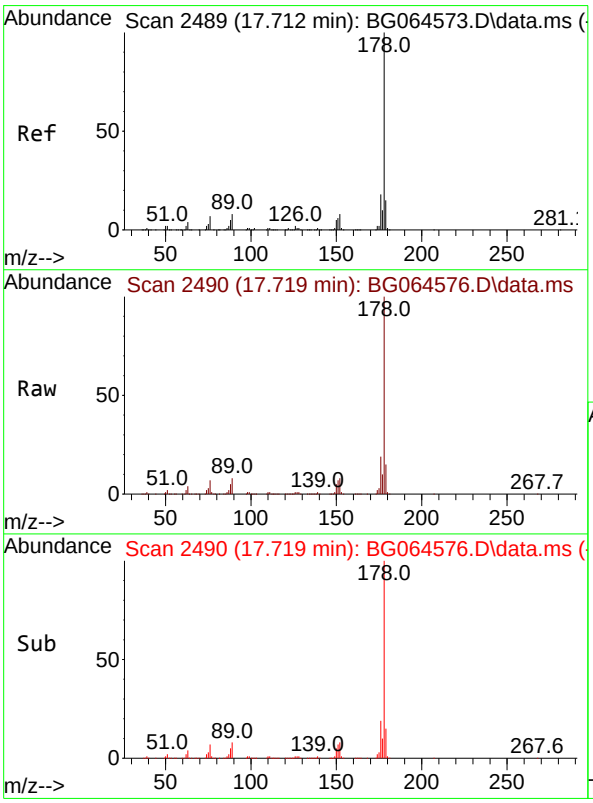
#71
Phenanthrene
Concen: 46.621 ng
RT: 17.625 min Scan# 24
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:178 Resp: 875415

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.7	22.1
179	16.1	12.2	18.4

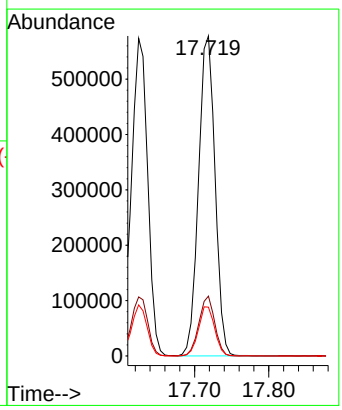


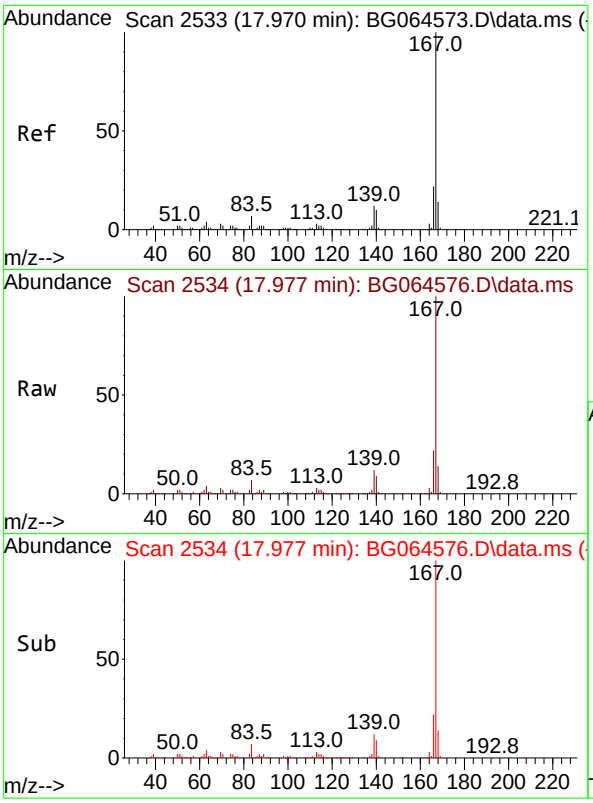


#72
Anthracene
Concen: 46.785 ng
RT: 17.719 min Scan# 2490
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:178 Resp: 893629

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.4	21.6
179	15.2	12.4	18.6



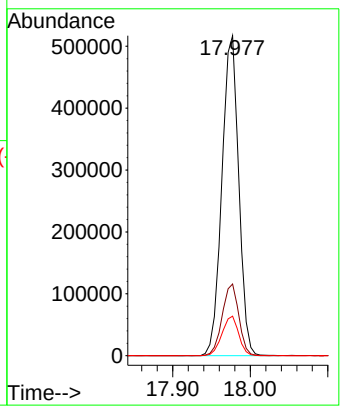


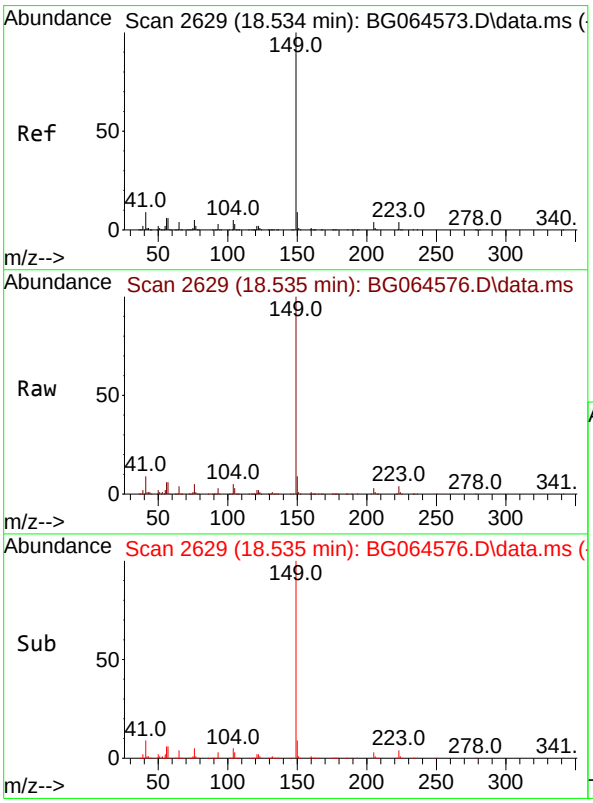
#73
Carbazole
Concen: 46.370 ng
RT: 17.977 min Scan# 2
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:167 Resp: 781031

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.9	26.9
139	12.3	9.7	14.5

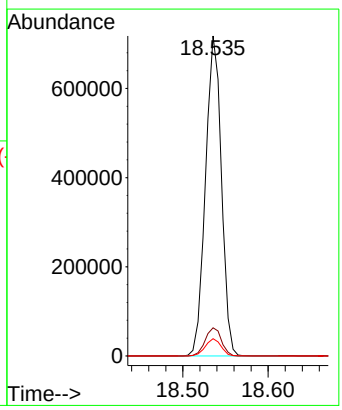


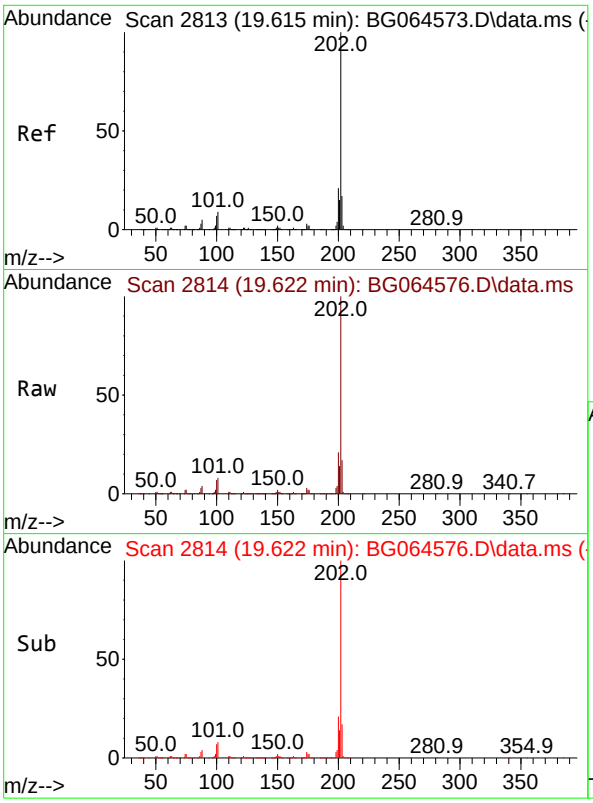


#74
Di-n-butylphthalate
Concen: 47.762 ng
RT: 18.535 min Scan# 2629
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:149 Resp: 930281

Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.0	10.6
104	5.4	4.1	6.1



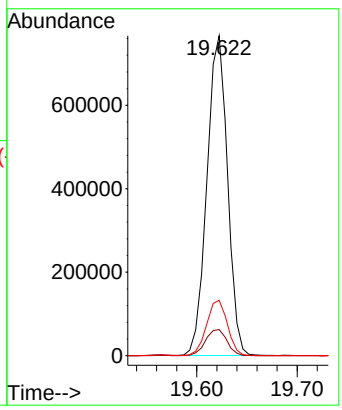


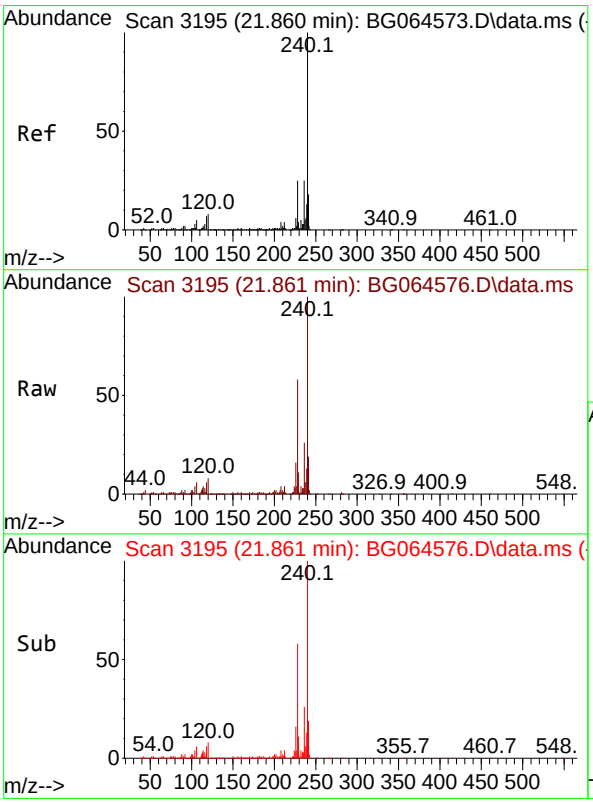
#75
Fluoranthene
Concen: 46.459 ng
RT: 19.622 min Scan# 2
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:202 Resp: 1092855

Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	28.7
203	17.3	0.0	37.0

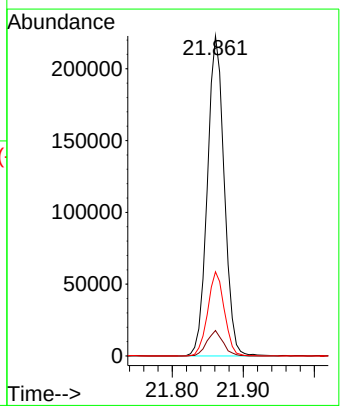


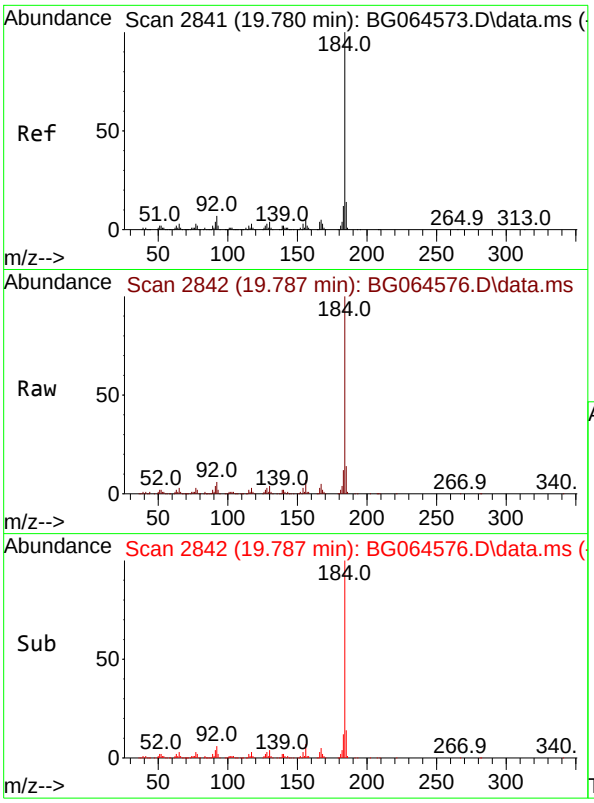


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.861 min Scan# 3195
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:240 Resp: 367592

Ion	Ratio	Lower	Upper
240	100		
120	7.9	6.5	9.7
236	26.3	20.2	30.2



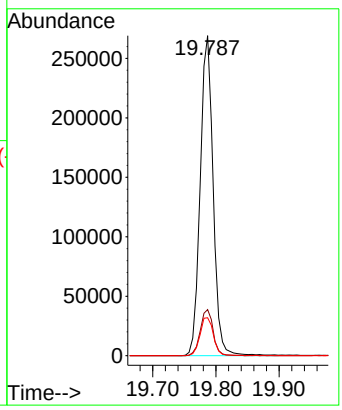


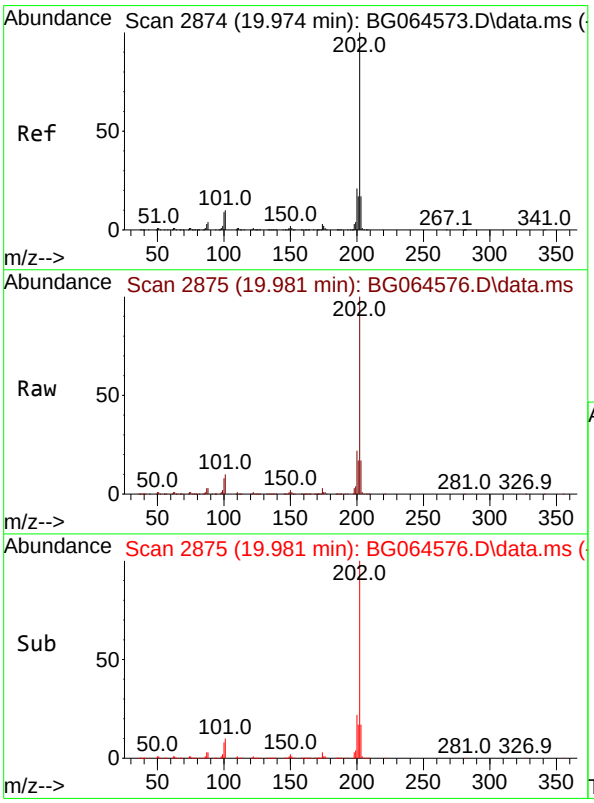
#77
Benzidine
Concen: 46.435 ng
RT: 19.787 min Scan# 2
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:184 Resp: 382418

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.4	17.2
183	11.8	9.4	14.2

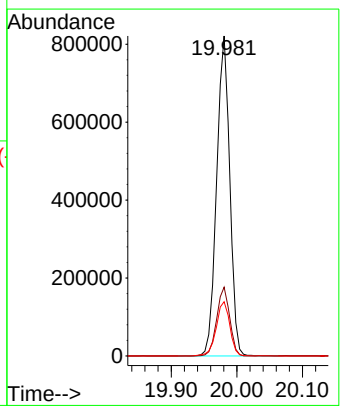


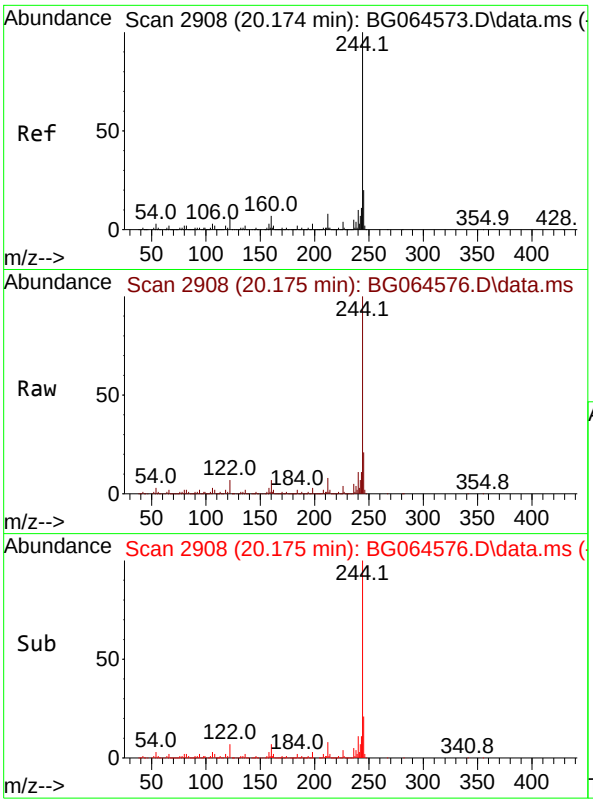


#78
Pyrene
Concen: 47.190 ng
RT: 19.981 min Scan# 2875
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:202 Resp: 1133345

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.0	25.4
203	17.0	13.8	20.6



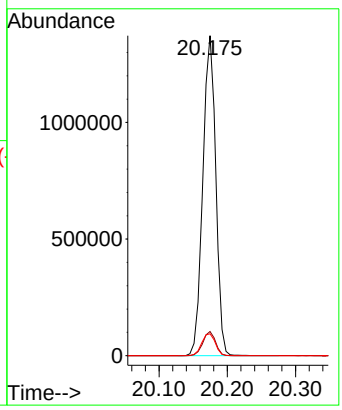


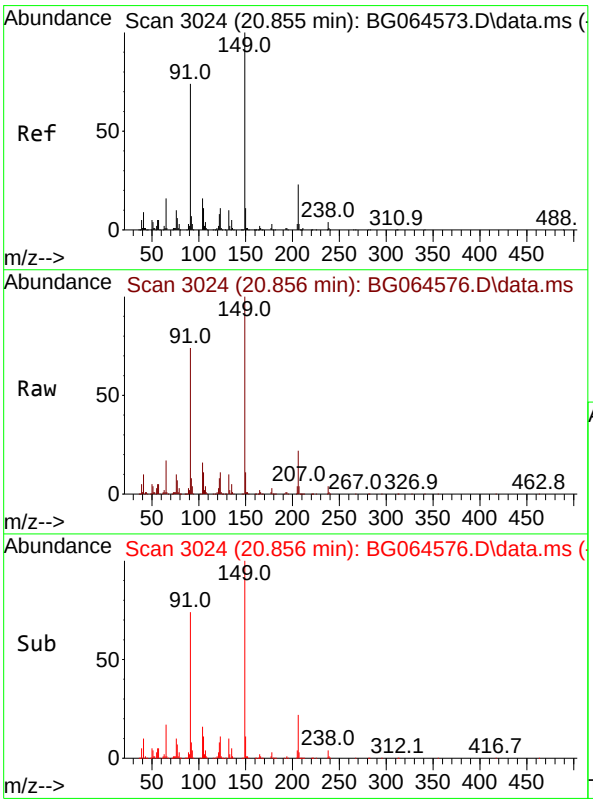
#79
Terphenyl-d14
Concen: 93.162 ng
RT: 20.175 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:244 Resp: 1814661

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	6.9	5.6	8.4

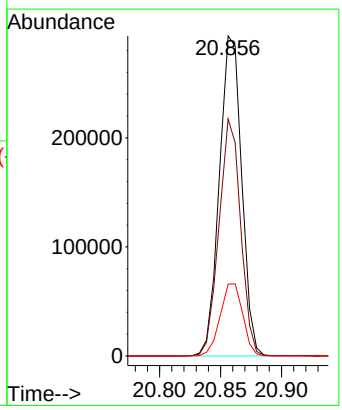


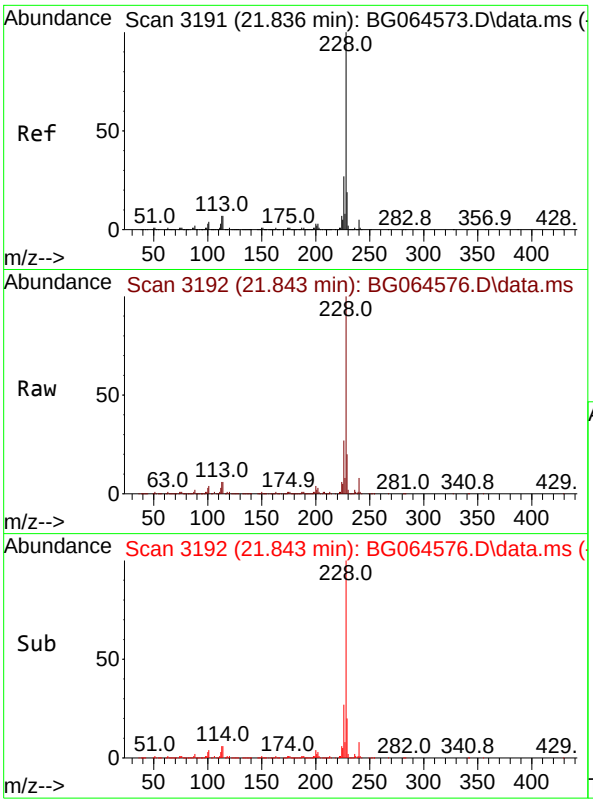


#80
Butylbenzylphthalate
Concen: 51.609 ng
RT: 20.856 min Scan# 3024
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:149 Resp: 374611

Ion	Ratio	Lower	Upper
149	100		
91	74.1	59.2	88.8
206	22.5	18.1	27.1



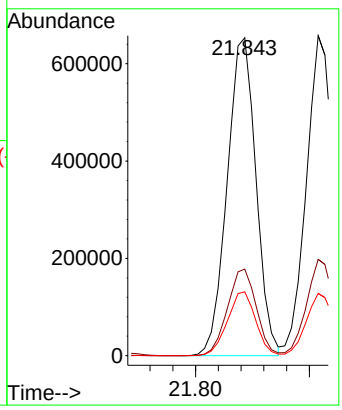


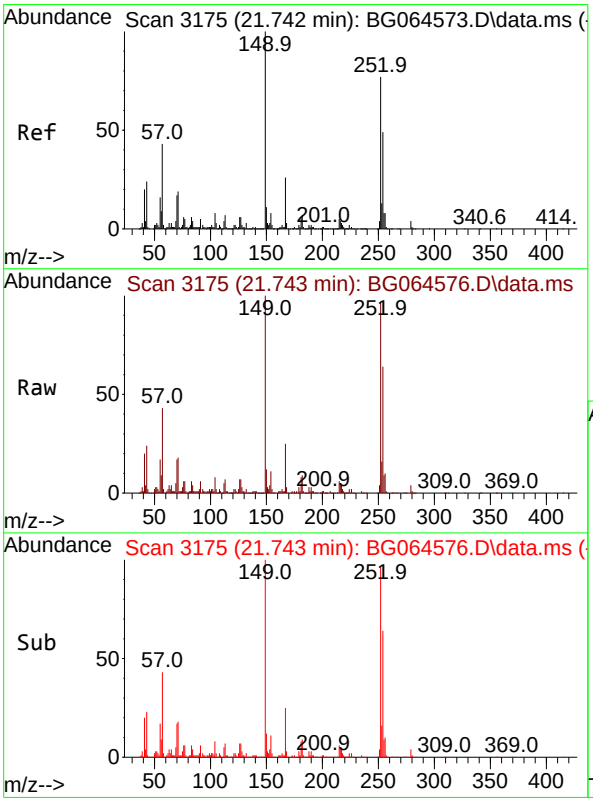
#81
Benzo(a)anthracene
Concen: 47.234 ng
RT: 21.843 min Scan# 3
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 1151242

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.9	32.9
229	20.1	15.6	23.4

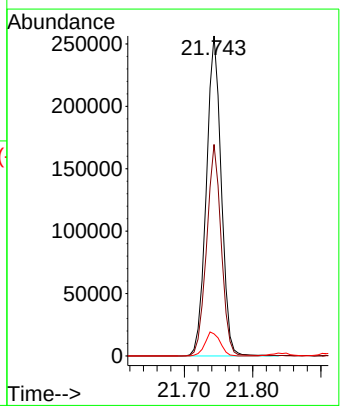


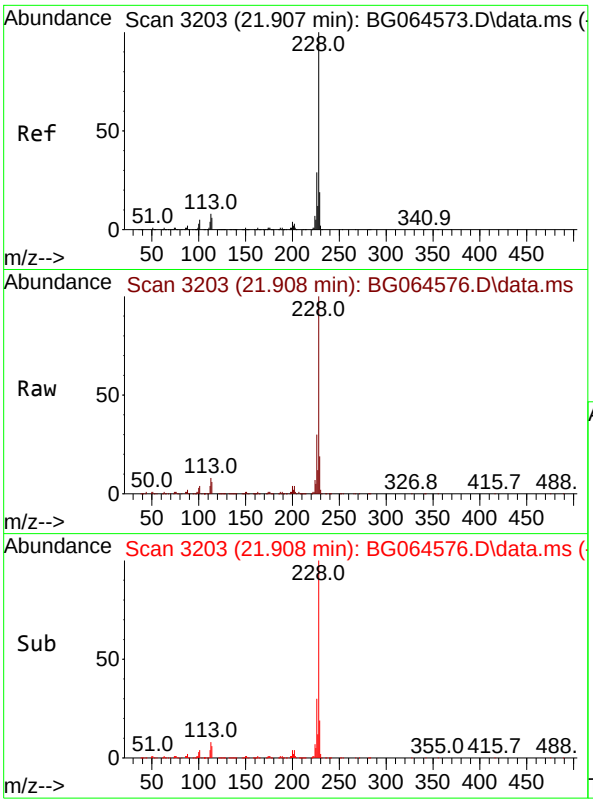


#82
3,3'-Dichlorobenzidine
Concen: 47.824 ng
RT: 21.743 min Scan# 3175
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:252 Resp: 389240

Ion	Ratio	Lower	Upper
252	100		
254	66.1	50.8	76.2
126	6.9	5.8	8.6



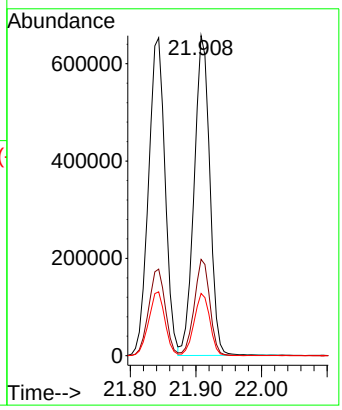


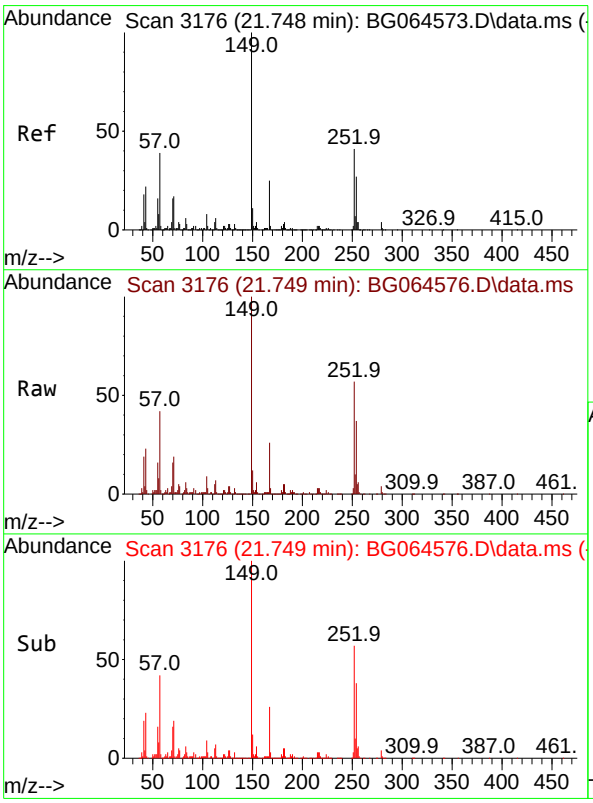
#83
Chrysene
Concen: 47.062 ng
RT: 21.908 min Scan# 3
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 1091456

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.3	34.9
229	19.5	15.2	22.8

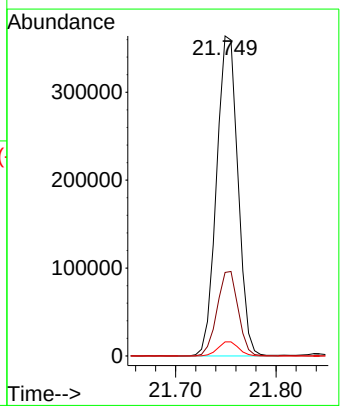


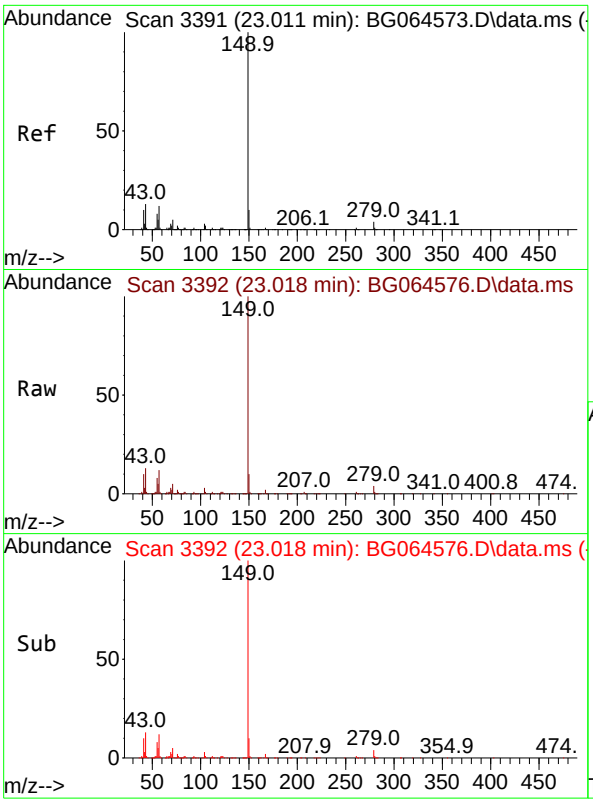


#84
Bis(2-ethylhexyl)phthalate
Concen: 49.576 ng
RT: 21.749 min Scan# 3176
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:149 Resp: 537716

Ion	Ratio	Lower	Upper
149	100		
167	26.1	20.0	30.0
279	4.4	3.1	4.7



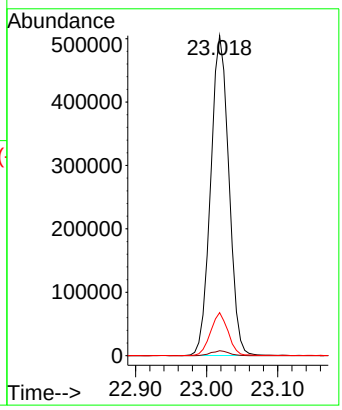


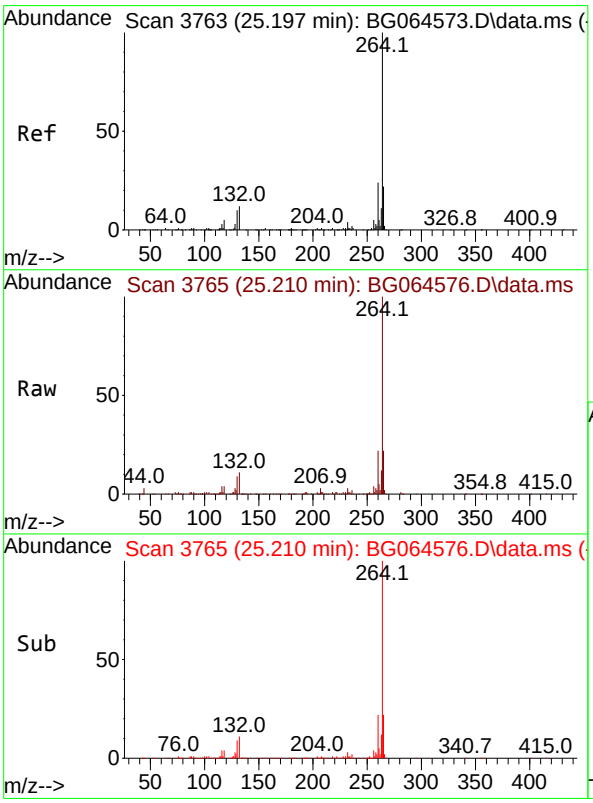
#85
Di-n-octyl phthalate
Concen: 49.039 ng
RT: 23.018 min Scan# 3
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:149 Resp: 896763

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	13.1	10.8	16.2

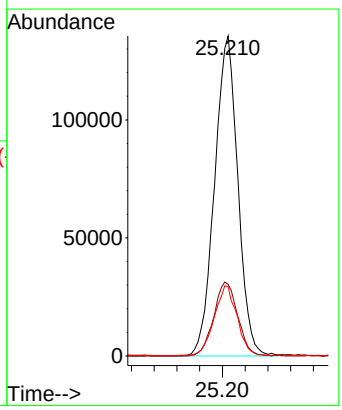


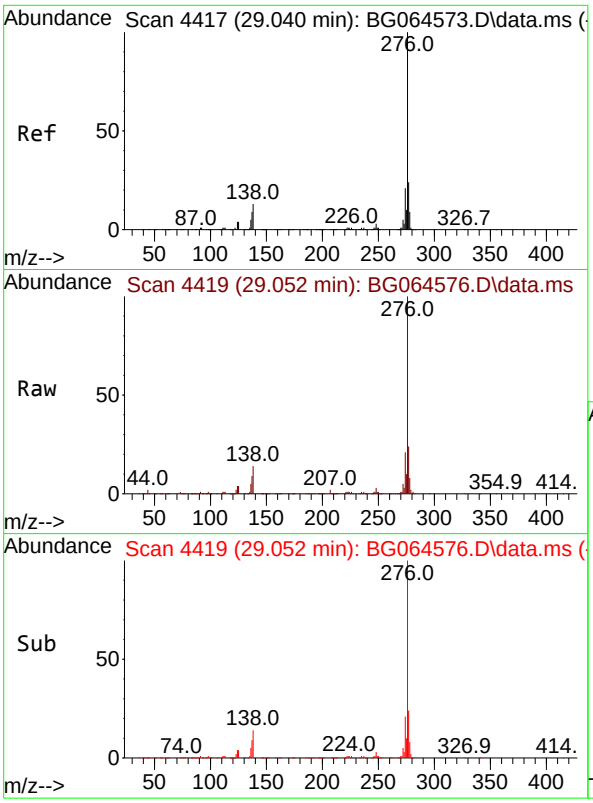


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.210 min Scan# 3765
Delta R.T. 0.013 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:264 Resp: 385865

Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.0	28.4
265	21.7	17.6	26.4



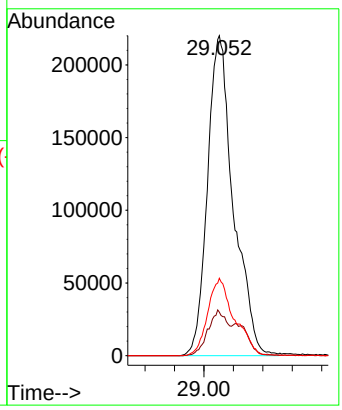


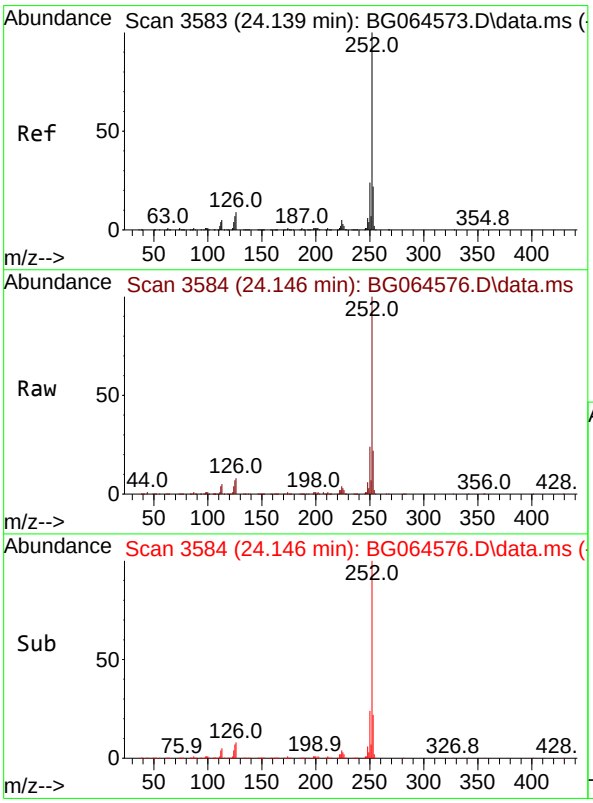
#87
Indeno(1,2,3-cd)pyrene
Concen: 47.425 ng
RT: 29.052 min Scan# 4
Delta R.T. 0.013 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:276 Resp: 1346188

Ion	Ratio	Lower	Upper
276	100		
138	10.9	10.8	16.2
277	24.8	20.1	30.1

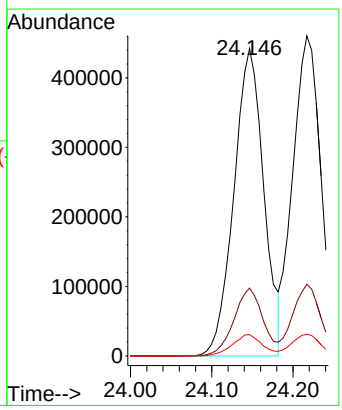


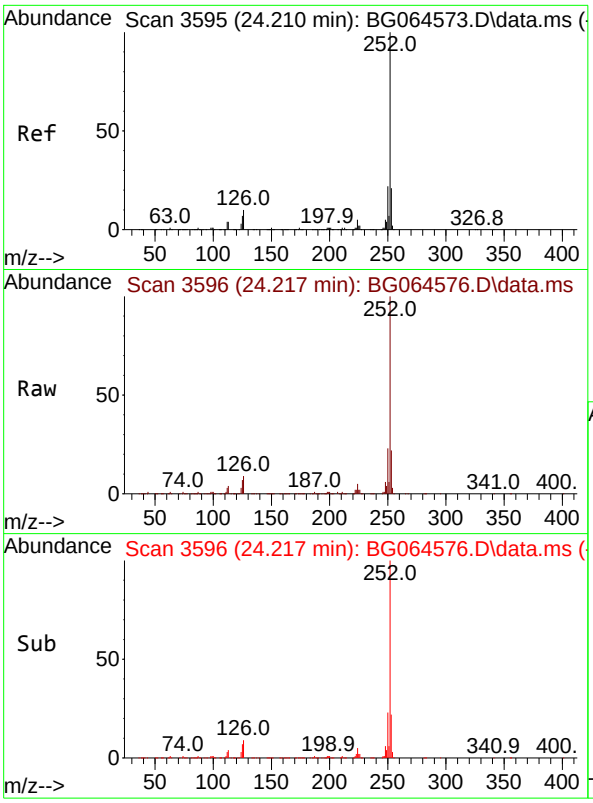


#88
Benzo(b)fluoranthene
Concen: 47.810 ng
RT: 24.146 min Scan# 3584
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:252 Resp: 1131250

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	6.9	5.6	8.4



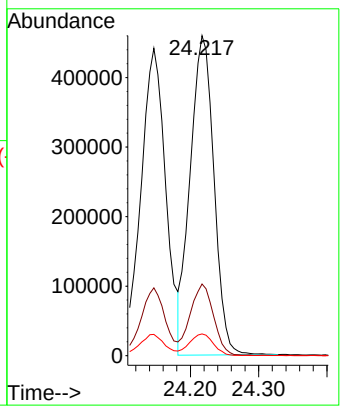


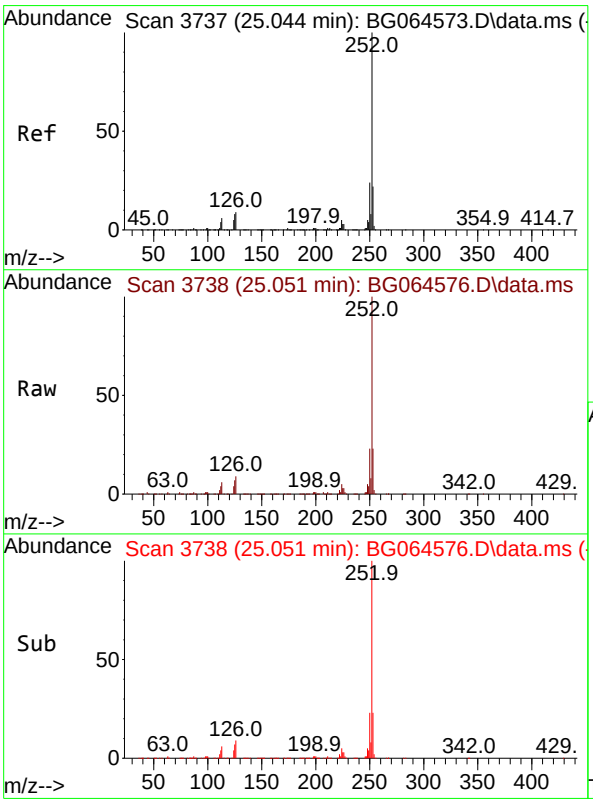
#89
Benzo(k)fluoranthene
Concen: 46.901 ng
RT: 24.217 min Scan# 3
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:252 Resp: 1110490

Ion	Ratio	Lower	Upper
252	100		
253	22.4	16.8	25.2
125	6.8	5.4	8.0

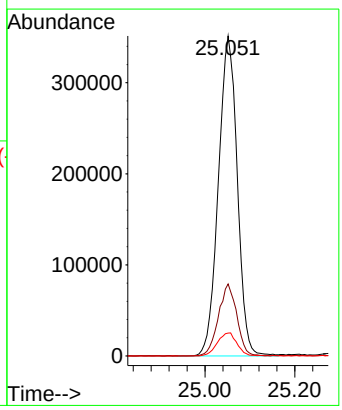


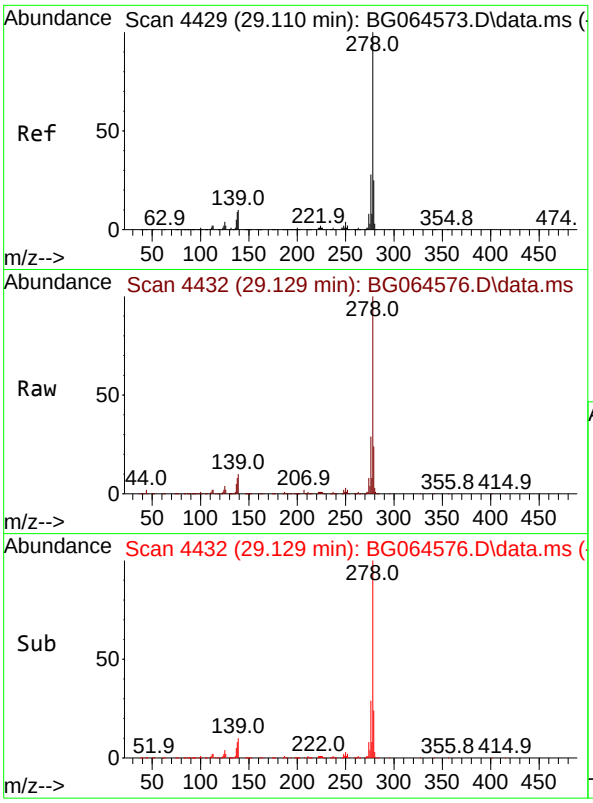


#90
Benzo(a)pyrene
Concen: 47.339 ng
RT: 25.051 min Scan# 3738
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:252 Resp: 1029605

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	7.2	6.1	9.1



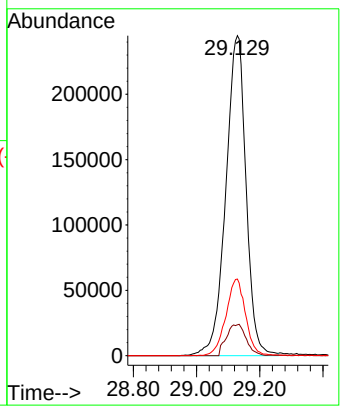


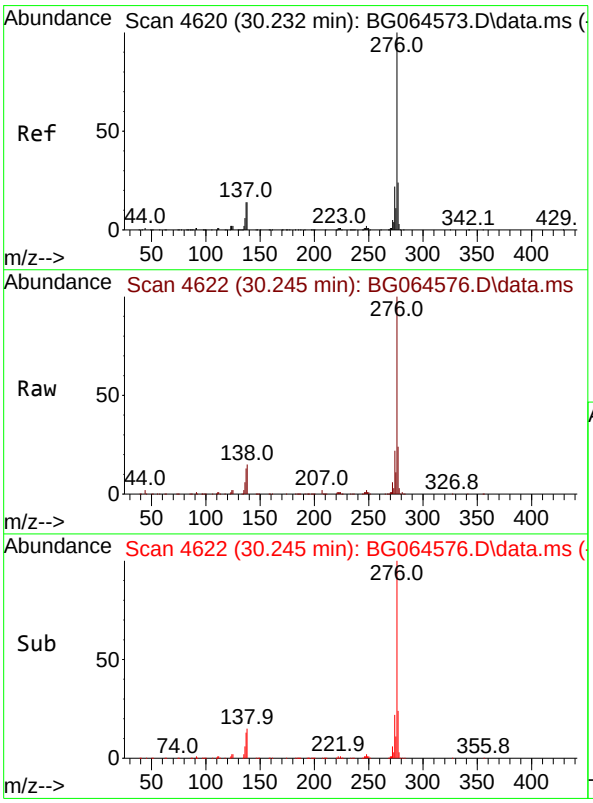
#91
Dibenzo(a,h)anthracene
Concen: 47.283 ng
RT: 29.129 min Scan# 4
Delta R.T. 0.019 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:278 Resp: 1090407

Ion	Ratio	Lower	Upper
278	100		
139	9.7	8.0	12.0
279	24.0	19.8	29.6

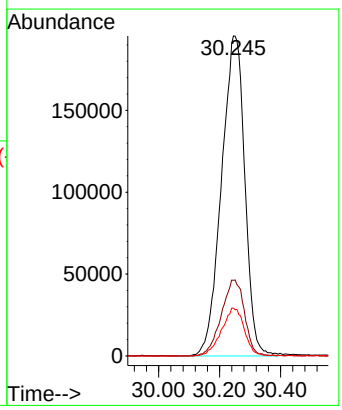




#92
Benzo(g,h,i)perylene
Concen: 47.184 ng
RT: 30.245 min Scan# 4622
Delta R.T. 0.013 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:276 Resp: 1039447

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.1	28.7
138	15.0	11.3	16.9



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064672.D
Acq On : 3 Nov 2025 14:35
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Nov 04 00:36:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.207	152	31906	20.000	ng		-0.02
21) Naphthalene-d8	11.039	136	126610	20.000	ng		-0.01
39) Acenaphthene-d10	14.834	164	99069	20.000	ng		-0.01
64) Phenanthrene-d10	17.572	188	239125	20.000	ng		-0.01
76) Chrysene-d12	21.850	240	279624	20.000	ng		#-0.01
86) Perylene-d12	25.187	264	296512	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.745	112	150502	79.175	ng		0.00
7) Phenol-d6	7.349	99	206632	79.218	ng		0.00
23) Nitrobenzene-d5	9.376	82	203853	96.706	ng		-0.01
42) 2,4,6-Tribromophenol	16.315	330	135357	94.664	ng		0.00
45) 2-Fluorobiphenyl	13.460	172	554808	84.885	ng		-0.02
79) Terphenyl-d14	20.163	244	1248220	84.242	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.577	88	29669	35.254	ng		97
3) Pyridine	3.994	79	86582	34.259	ng		96
4) n-Nitrosodimethylamine	3.894	42	49934	36.844	ng		91
6) Aniline	7.519	93	133395	37.583	ng		97
8) 2-Chlorophenol	7.772	128	85239	42.842	ng		95
9) Benzaldehyde	7.337	77	52532	36.890	ng		94
10) Phenol	7.378	94	110747	38.392	ng		95
11) bis(2-Chloroethyl)ether	7.613	93	80398	37.908	ng		96
12) 1,3-Dichlorobenzene	8.101	146	93398	40.785	ng		99
13) 1,4-Dichlorobenzene	8.248	146	96208	41.318	ng		93
14) 1,2-Dichlorobenzene	8.571	146	89654	39.919	ng		95
15) Benzyl Alcohol	8.442	79	86133	40.045	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.730	45	218798	39.329	ng		99
17) 2-Methylphenol	8.642	107	76719	40.057	ng		94
18) Hexachloroethane	9.311	117	34298	41.974	ng		94
19) n-Nitroso-di-n-propyla...	9.018	70	72526	40.233	ng		98
20) 3+4-Methylphenols	8.971	107	102186	37.939	ng		97
22) Acetophenone	9.035	105	139475	40.299	ng		99
24) Nitrobenzene	9.417	77	106572	46.482	ng		98
25) Isophorone	9.952	82	201448	39.826	ng		98
26) 2-Nitrophenol	10.134	139	43169	48.747	ng	#	91
27) 2,4-Dimethylphenol	10.187	122	77748	41.322	ng		95
28) bis(2-Chloroethoxy)met...	10.422	93	112890	39.199	ng		97
29) 2,4-Dichlorophenol	10.675	162	87240	43.085	ng		98
30) 1,2,4-Trichlorobenzene	10.892	180	96502	41.946	ng		96
31) Naphthalene	11.086	128	292620	41.686	ng		98
32) Benzoic acid	10.293	122	45620	33.845	ng		94
33) 4-Chloroaniline	11.180	127	108356	39.714	ng		99
34) Hexachlorobutadiene	11.380	225	79438	44.151	ng		97
35) Caprolactam	11.950	113	28274	36.407	ng	#	93
36) 4-Chloro-3-methylphenol	12.290	107	102839	42.253	ng		99
37) 2-Methylnaphthalene	12.678	142	219278	42.547	ng		96
38) 1-Methylnaphthalene	12.895	142	214494	42.041	ng		96
40) 1,2,4,5-Tetrachloroben...	13.042	216	142325	42.807	ng		100
41) Hexachlorocyclopentadiene	13.025	237	72036	48.136	ng		97
43) 2,4,6-Trichlorophenol	13.271	196	88543	46.557	ng		100

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064672.D
Acq On : 3 Nov 2025 14:35
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Nov 04 00:36:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.342	196	97521	44.435	ng		98
46) 1,1'-Biphenyl	13.671	154	292646	41.551	ng		98
47) 2-Chloronaphthalene	13.718	162	226377	42.581	ng		98
48) 2-Nitroaniline	13.906	65	77449	43.704	ng		94
49) Acenaphthylene	14.558	152	351856	41.959	ng		98
50) Dimethylphthalate	14.276	163	313912	41.409	ng		99
51) 2,6-Dinitrotoluene	14.394	165	55358	44.506	ng		99
52) Acenaphthene	14.899	154	244659	42.704	ng		98
53) 3-Nitroaniline	14.723	138	62899	48.280	ng		93
54) 2,4-Dinitrophenol	14.922	184	33925	46.693	ng	#	47
55) Dibenzofuran	15.228	168	382299	41.274	ng		96
56) 4-Nitrophenol	15.011	139	48108	39.829	ng		93
57) 2,4-Dinitrotoluene	15.175	165	89273	46.277	ng		99
58) Fluorene	15.874	166	297866	41.178	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.451	232	98694	47.027	ng		98
60) Diethylphthalate	15.633	149	315813	40.801	ng		99
61) 4-Chlorophenyl-phenyle...	15.863	204	173330	42.698	ng		98
62) 4-Nitroaniline	15.880	138	67624	46.657	ng		91
63) Azobenzene	16.156	77	283949	39.981	ng		99
65) 4,6-Dinitro-2-methylph...	15.939	198	53789	50.767	ng		95
66) n-Nitrosodiphenylamine	16.074	169	270553	41.885	ng		99
67) 4-Bromophenyl-phenylether	16.756	248	123236	43.489	ng		98
68) Hexachlorobenzene	16.879	284	142836	44.183	ng		94
69) Atrazine	17.014	200	115628	41.597	ng		98
70) Pentachlorophenol	17.214	266	93212	46.238	ng		96
71) Phenanthrene	17.613	178	551558	42.178	ng		100
72) Anthracene	17.707	178	556268	41.818	ng		100
73) Carbazole	17.966	167	493303	42.055	ng		98
74) Di-n-butylphthalate	18.518	149	584049	43.058	ng		99
75) Fluoranthene	19.611	202	708849	43.270	ng		98
77) Benzidine	19.776	184	255343	40.759	ng		99
78) Pyrene	19.970	202	740926	40.556	ng		99
80) Butylbenzylphthalate	20.845	149	255451	46.264	ng		96
81) Benzo(a)anthracene	21.826	228	790852	42.655	ng		99
82) 3,3'-Dichlorobenzidine	21.732	252	273071	44.105	ng		100
83) Chrysene	21.897	228	738048	41.835	ng		99
84) Bis(2-ethylhexyl)phtha...	21.732	149	368117	44.617	ng		100
85) Di-n-octyl phthalate	22.984	149	625946	44.998	ng		99
87) Indeno(1,2,3-cd)pyrene	29.018	276	915587	41.975	ng		98
88) Benzo(b)fluoranthene	24.123	252	774349	42.589	ng		98
89) Benzo(k)fluoranthene	24.194	252	751814	41.321	ng		98
90) Benzo(a)pyrene	25.028	252	699715	41.866	ng		99
91) Dibenzo(a,h)anthracene	29.082	278	746131	42.104	ng		97
92) Benzo(g,h,i)perylene	30.210	276	703279	41.544	ng		98

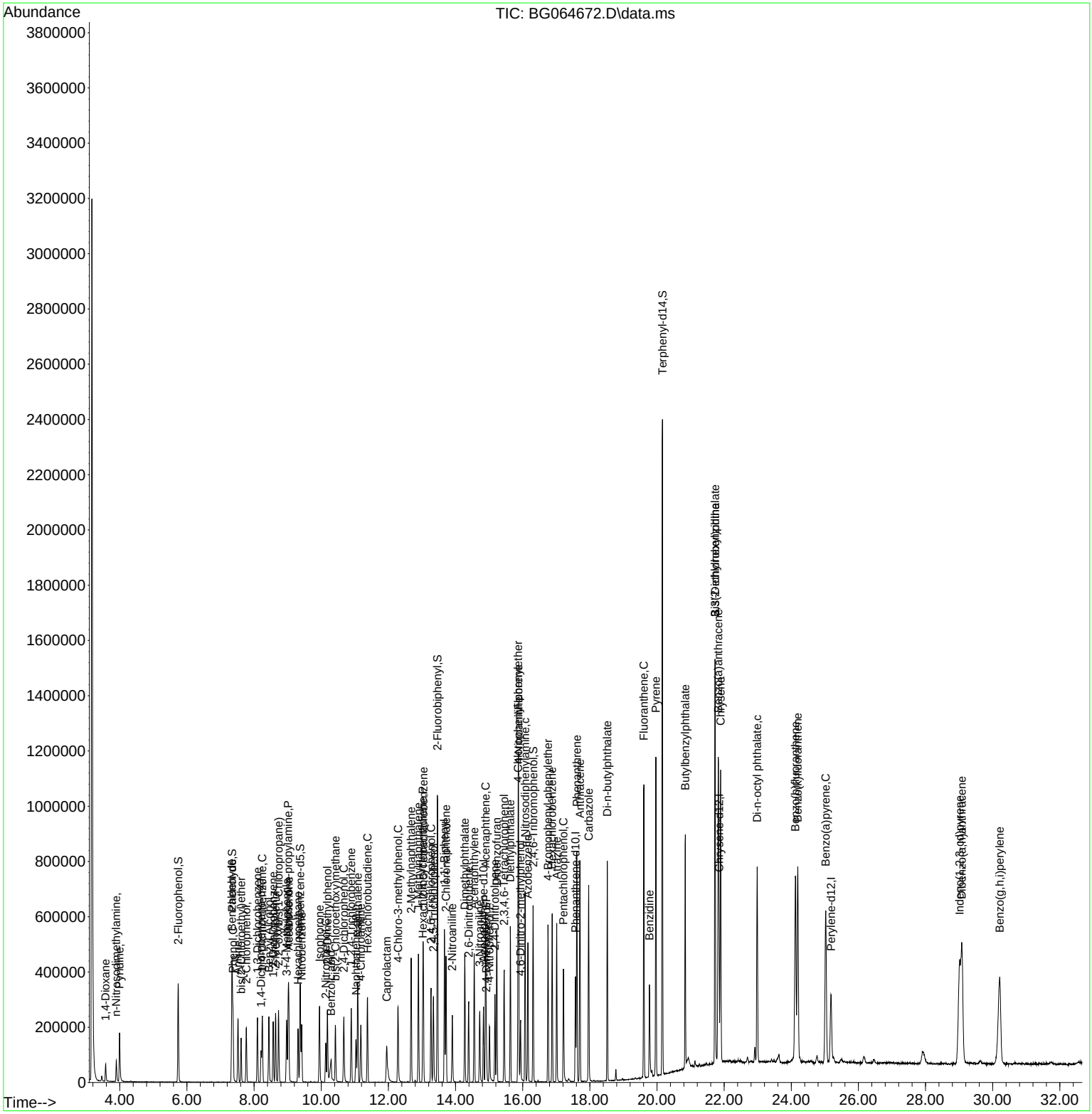
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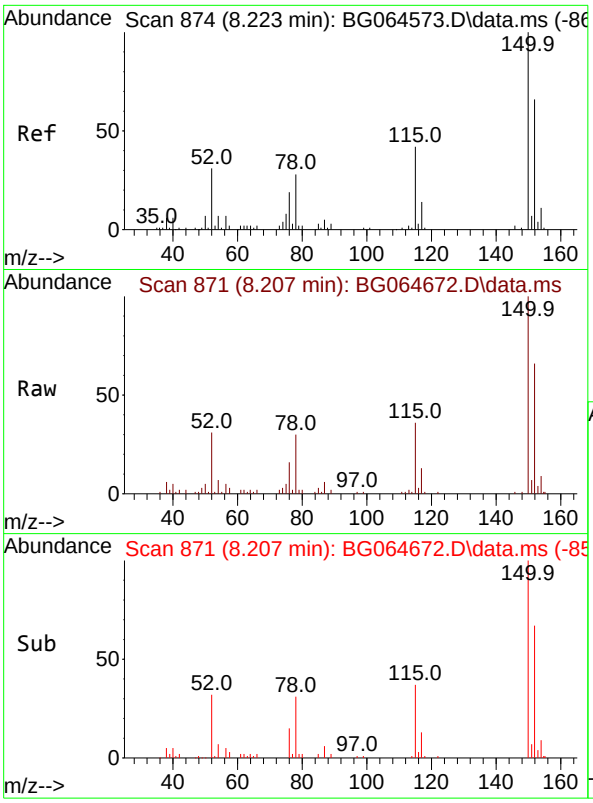
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064672.D
Acq On : 3 Nov 2025 14:35
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Nov 04 00:36:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration



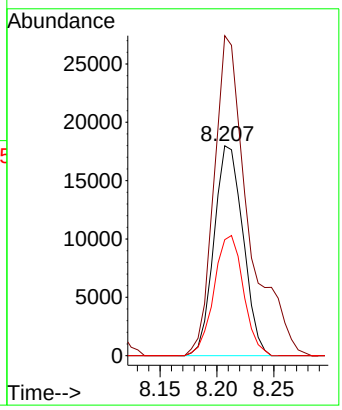


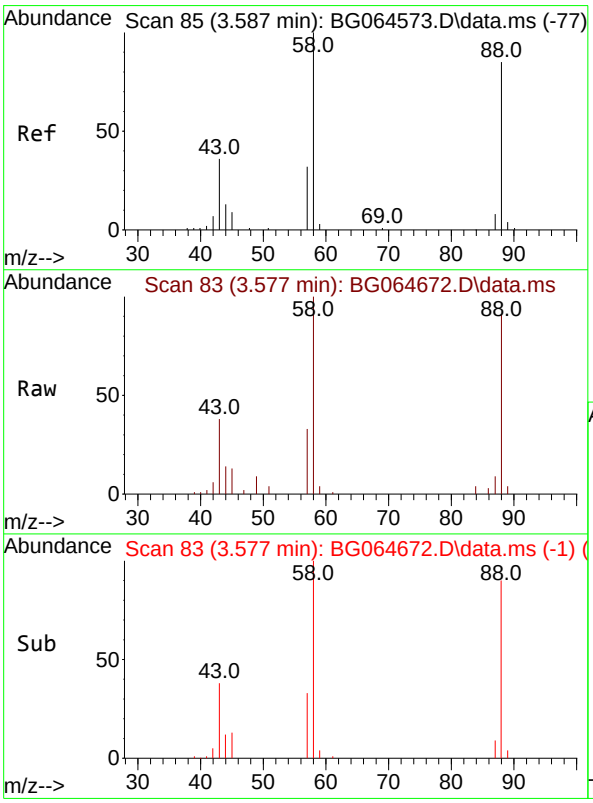
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.207 min Scan# 8
Delta R.T. -0.016 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 31906

Ion	Ratio	Lower	Upper
152	100		
150	152.4	122.2	183.4
115	55.3	50.8	76.2

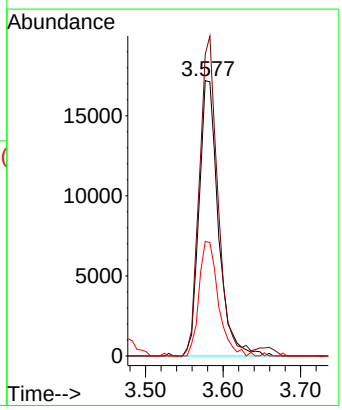


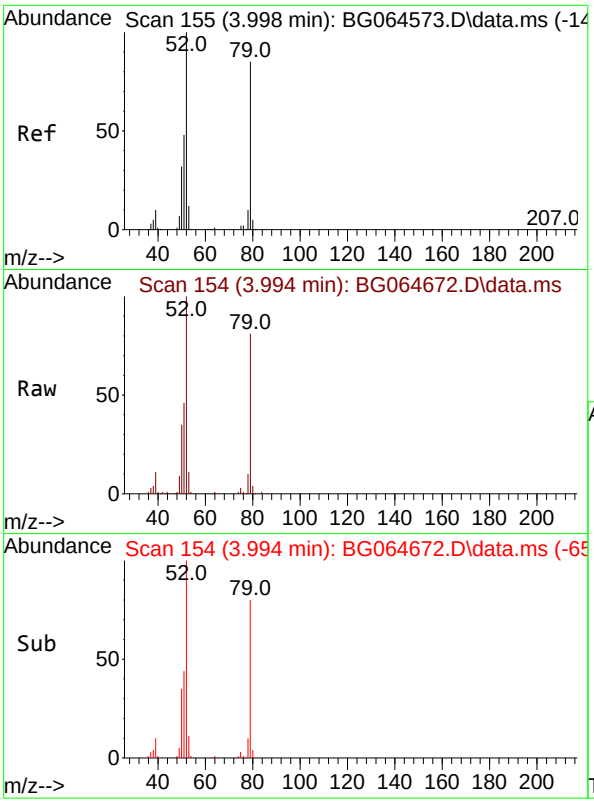


#2
1,4-Dioxane
Concen: 35.254 ng
RT: 3.577 min Scan# 83
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion: 88 Resp: 29669

Ion	Ratio	Lower	Upper
88	100		
58	111.7	92.4	138.6
43	41.7	33.0	49.6



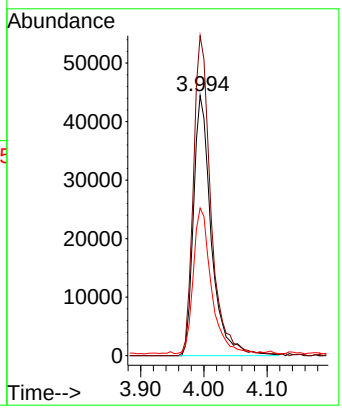


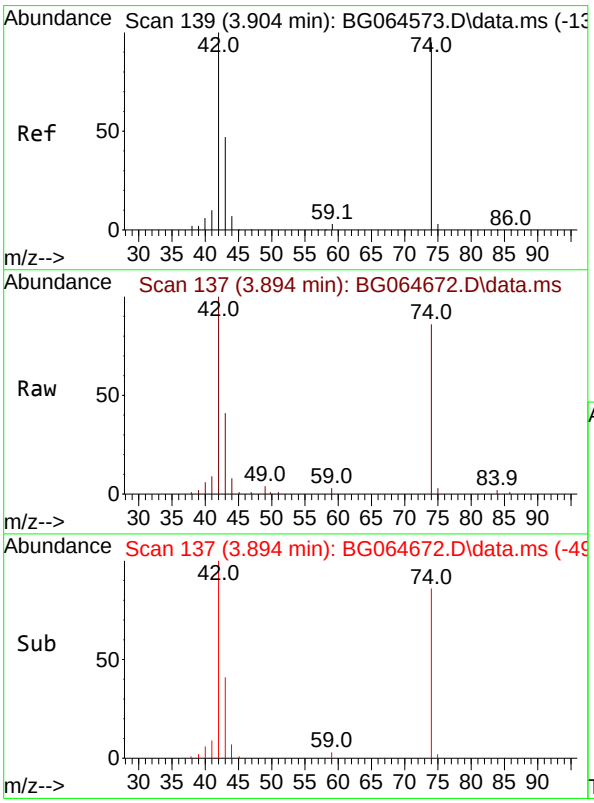
#3
Pyridine
Concen: 34.259 ng
RT: 3.994 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 86582

Ion	Ratio	Lower	Upper
79	100		
52	123.0	94.2	141.2
51	56.8	46.1	69.1

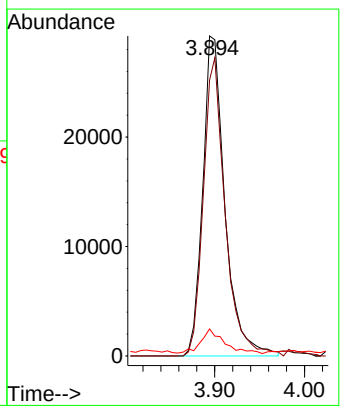


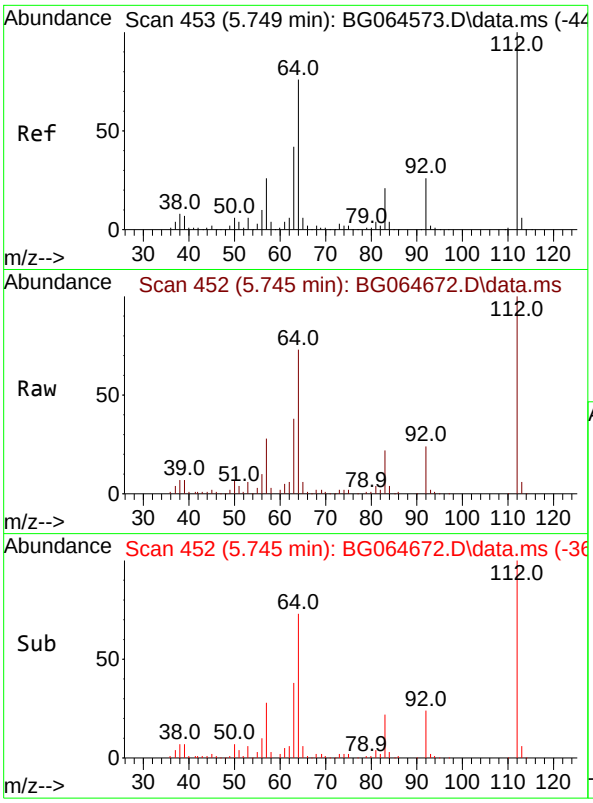


#4
n-Nitrosodimethylamine
Concen: 36.844 ng
RT: 3.894 min Scan# 137
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion: 42 Resp: 49934

Ion	Ratio	Lower	Upper
42	100		
74	86.1	76.1	114.1
44	8.5	6.3	9.5



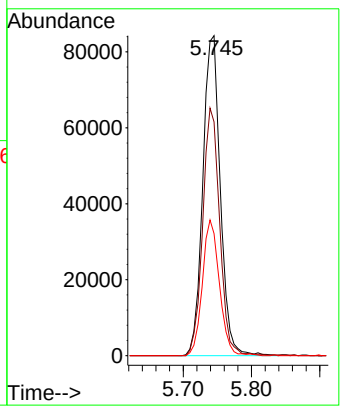


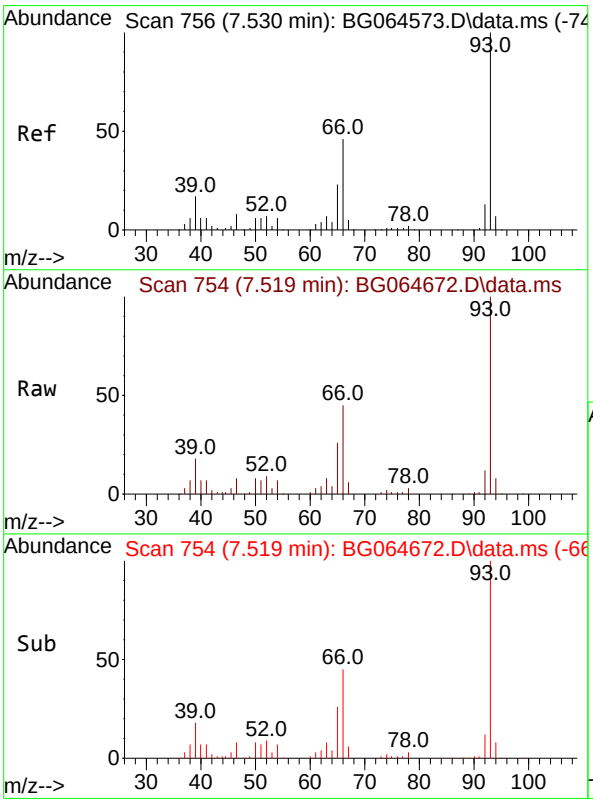
#5
2-Fluorophenol
Concen: 79.175 ng
RT: 5.745 min Scan# 4
Delta R.T. -0.004 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 150502

Ion	Ratio	Lower	Upper
112	100		
64	73.0	60.7	91.1
63	38.1	33.4	50.0

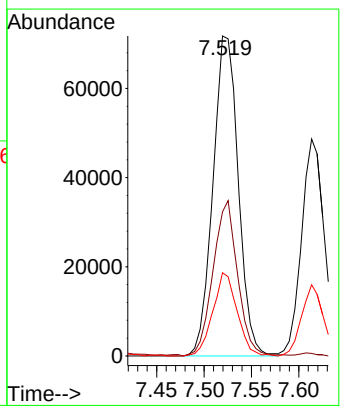


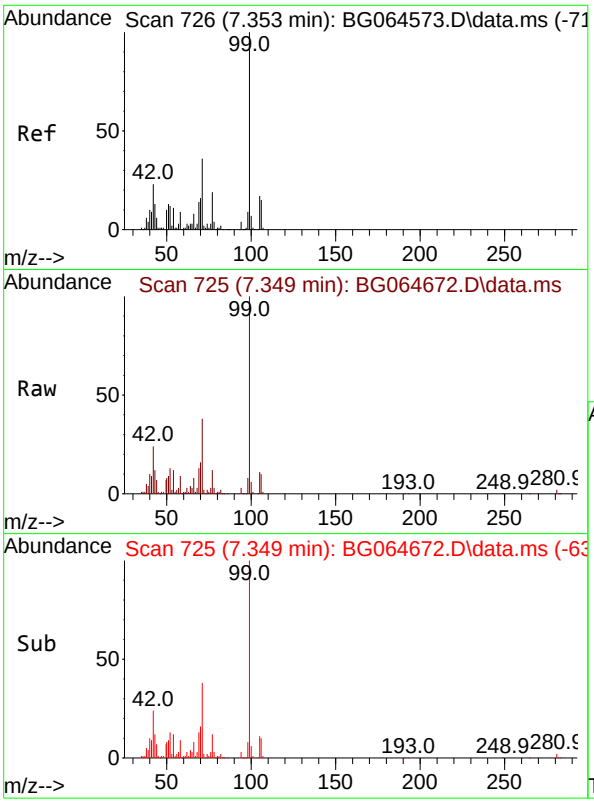


#6
Aniline
Concen: 37.583 ng
RT: 7.519 min Scan# 754
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion: 93 Resp: 133395

Ion	Ratio	Lower	Upper
93	100		
66	45.0	37.0	55.6
65	26.0	18.3	27.5



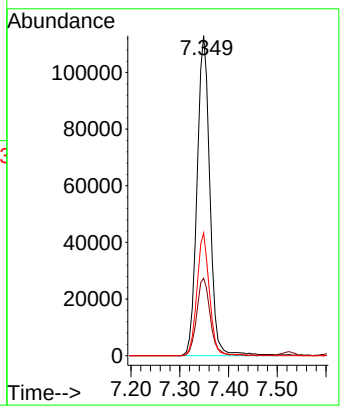


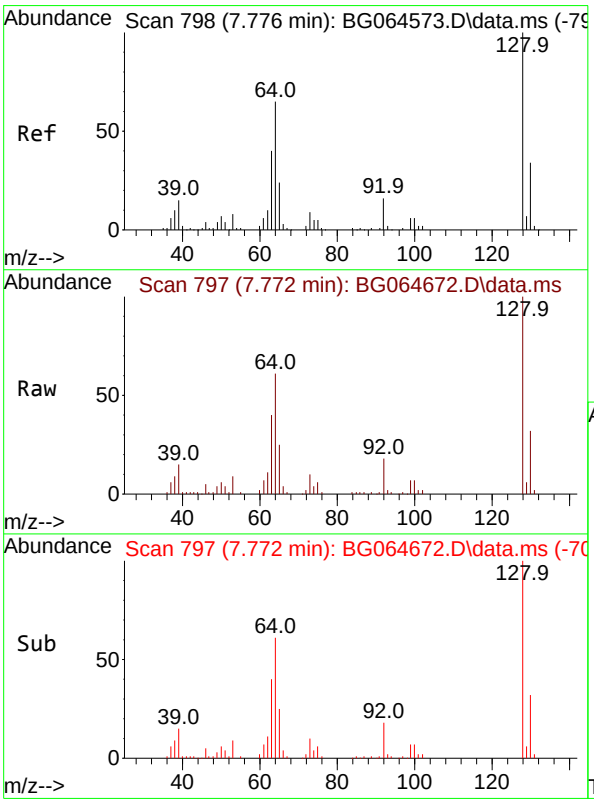
#7
Phenol-d6
Concen: 79.218 ng
RT: 7.349 min Scan# 7
Delta R.T. -0.004 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 206632

Ion	Ratio	Lower	Upper
99	100		
42	24.2	18.3	27.5
71	38.4	28.6	43.0

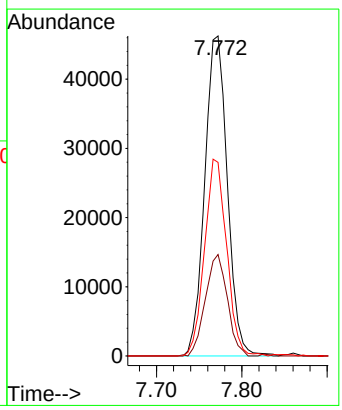


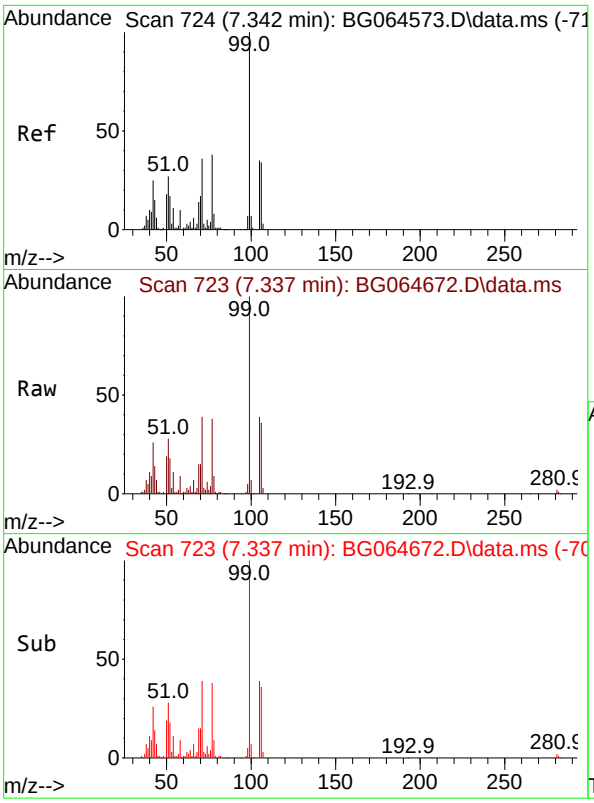


#8
2-Chlorophenol
Concen: 42.842 ng
RT: 7.772 min Scan# 797
Delta R.T. -0.004 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:128 Resp: 85239

Ion	Ratio	Lower	Upper
128	100		
130	31.7	13.5	53.5
64	60.5	45.2	85.2



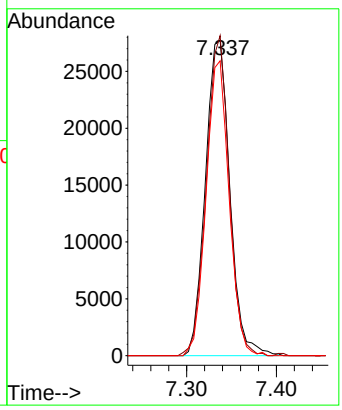


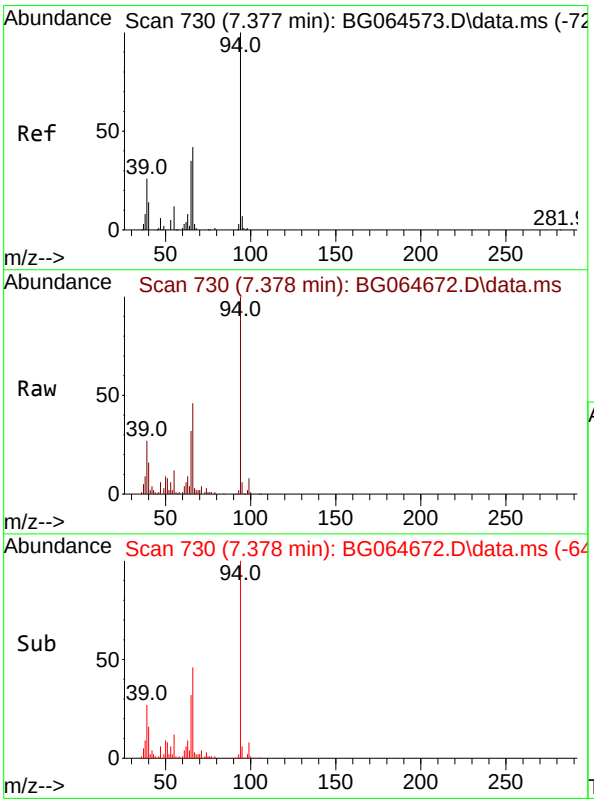
#9
Benzaldehyde
Concen: 36.890 ng
RT: 7.337 min Scan# 7
Delta R.T. -0.004 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 52532

Ion	Ratio	Lower	Upper
77	100		
105	101.4	72.9	112.9
106	93.5	70.8	110.8

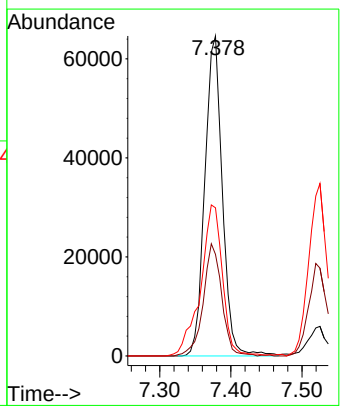


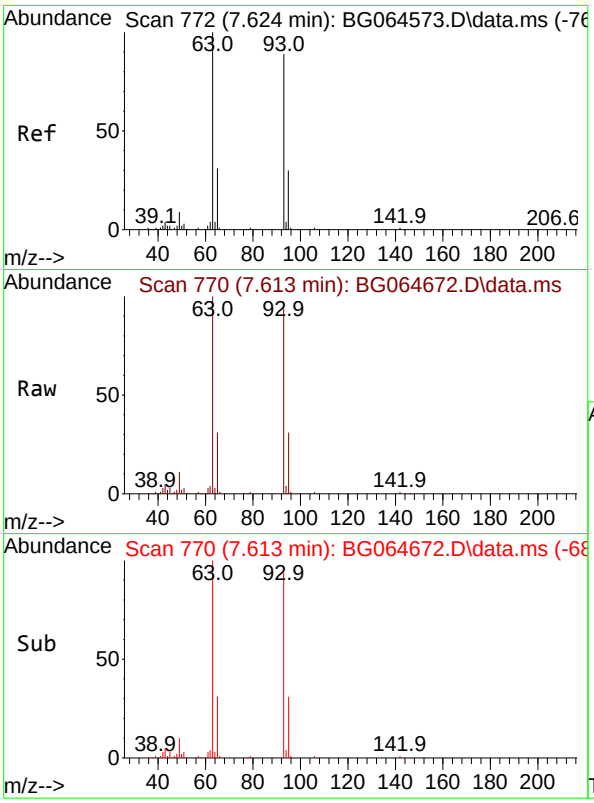


#10
Phenol
Concen: 38.392 ng
RT: 7.378 min Scan# 730
Delta R.T. 0.002 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion: 94 Resp: 110747

Ion	Ratio	Lower	Upper
94	100		
65	31.8	15.8	55.8
66	46.3	24.0	64.0



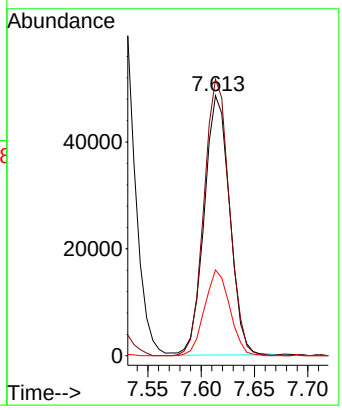


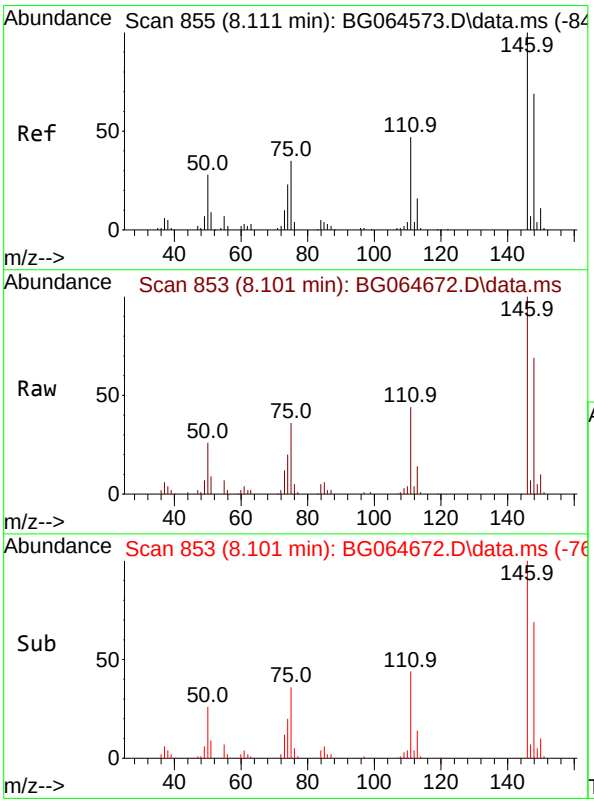
#11
bis(2-Chloroethyl)ether
Concen: 37.908 ng
RT: 7.613 min Scan# 7
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 80398

Ion	Ratio	Lower	Upper
93	100		
63	106.3	91.3	131.3
95	33.0	13.3	53.3

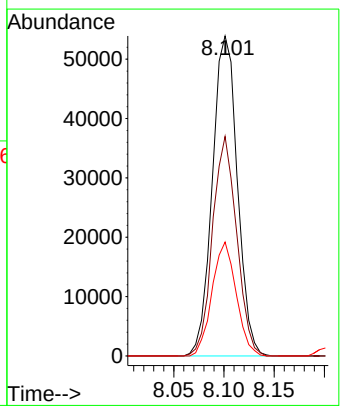


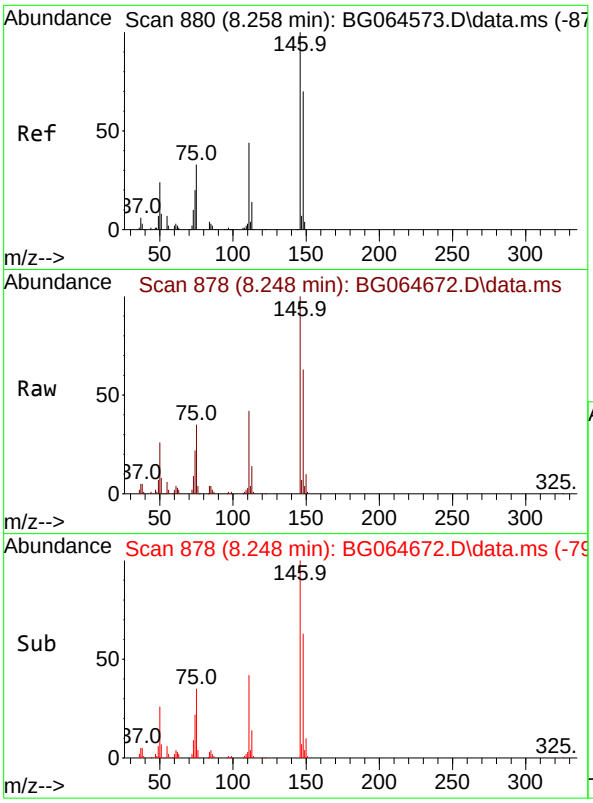


#12
1,3-Dichlorobenzene
Concen: 40.785 ng
RT: 8.101 min Scan# 853
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:146 Resp: 93398

Ion	Ratio	Lower	Upper
146	100		
148	68.6	55.3	82.9
75	35.6	28.2	42.2



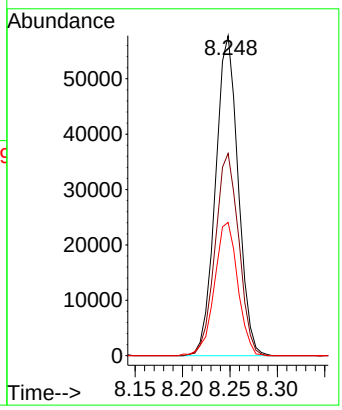


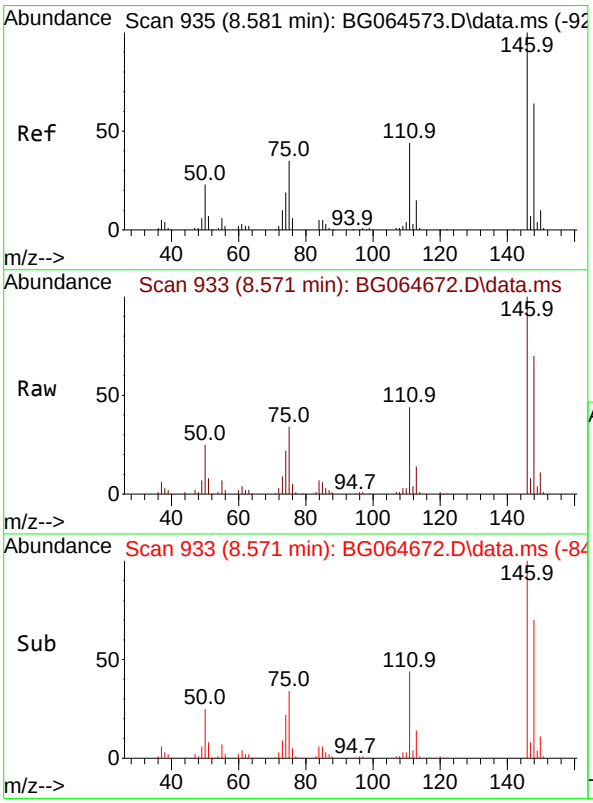
#13
1,4-Dichlorobenzene
Concen: 41.318 ng
RT: 8.248 min Scan# 8
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 96208

Ion	Ratio	Lower	Upper
146	100		
148	63.2	56.2	84.4
111	41.6	35.4	53.0

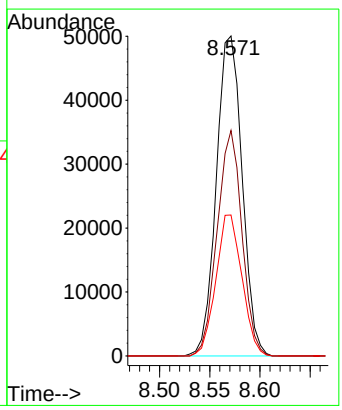


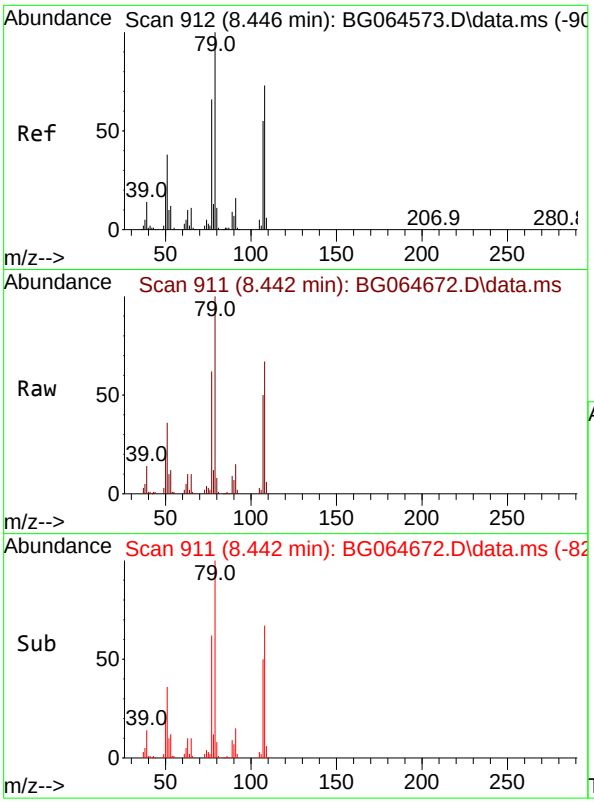


#14
1,2-Dichlorobenzene
Concen: 39.919 ng
RT: 8.571 min Scan# 933
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:146 Resp: 89654

Ion	Ratio	Lower	Upper
146	100		
148	70.5	51.5	77.3
111	44.0	35.0	52.6



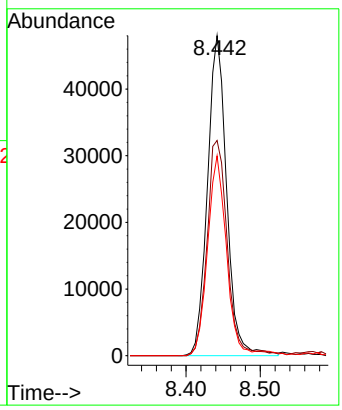


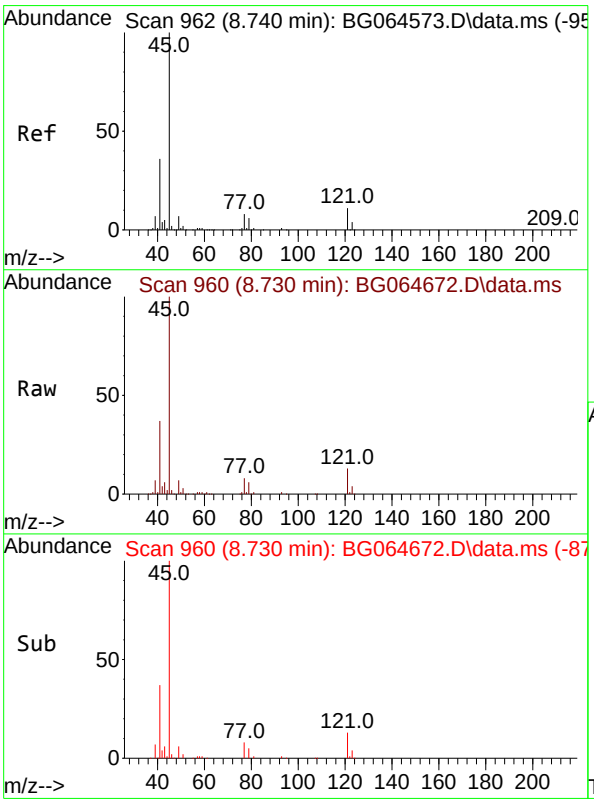
#15
Benzyl Alcohol
Concen: 40.045 ng
RT: 8.442 min Scan# 9
Delta R.T. -0.004 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 86133

Ion	Ratio	Lower	Upper
79	100		
108	67.2	58.1	87.1
77	62.4	52.8	79.2

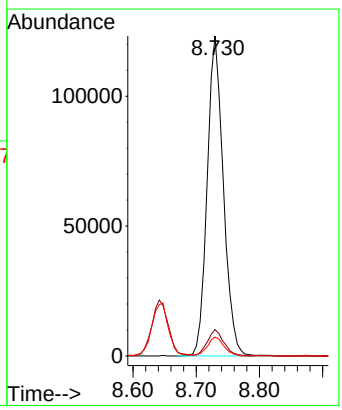


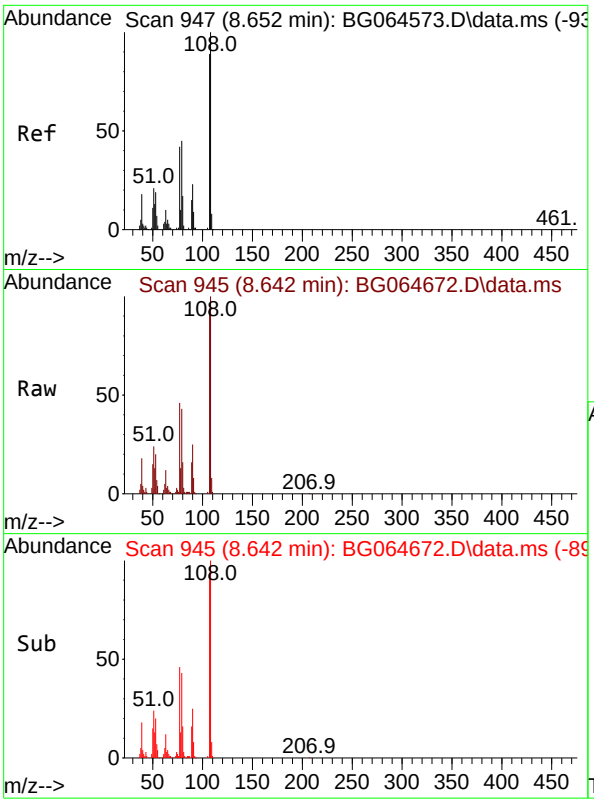


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.329 ng
RT: 8.730 min Scan# 960
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion: 45 Resp: 218798

Ion	Ratio	Lower	Upper
45	100		
77	8.2	0.0	28.5
79	5.9	0.0	25.6



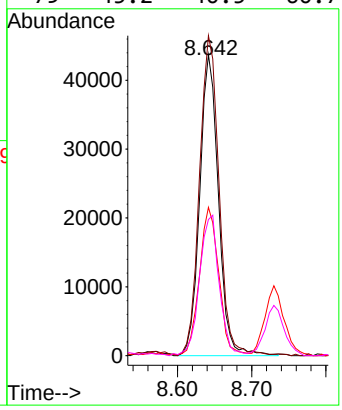


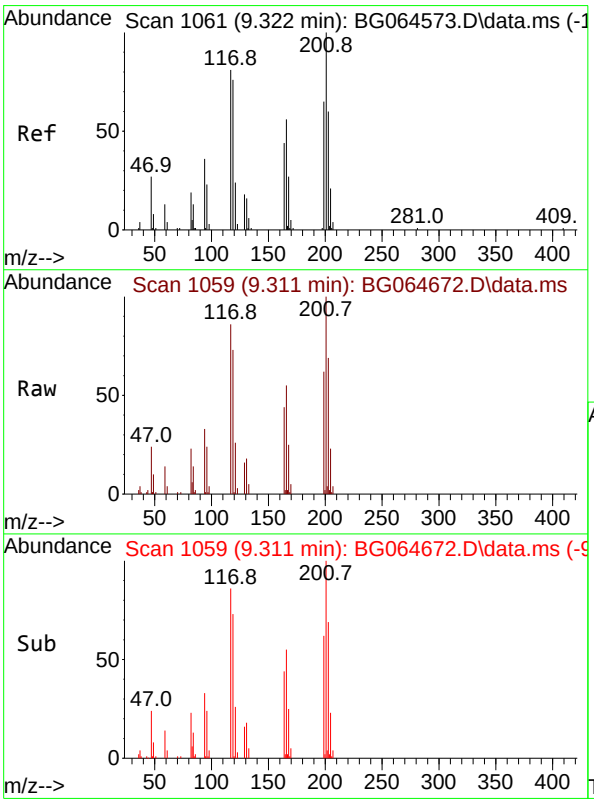
#17
2-Methylphenol
Concen: 40.057 ng
RT: 8.642 min Scan# 94
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 76719

Ion	Ratio	Lower	Upper
107	100		
108	106.3	90.0	135.0
77	49.3	37.8	56.8
79	45.2	40.5	60.7

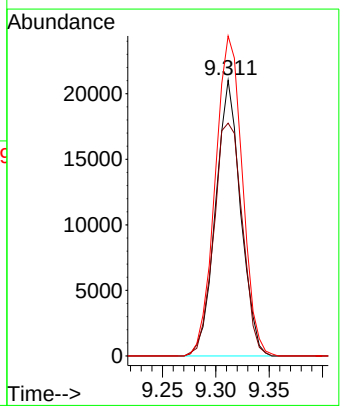


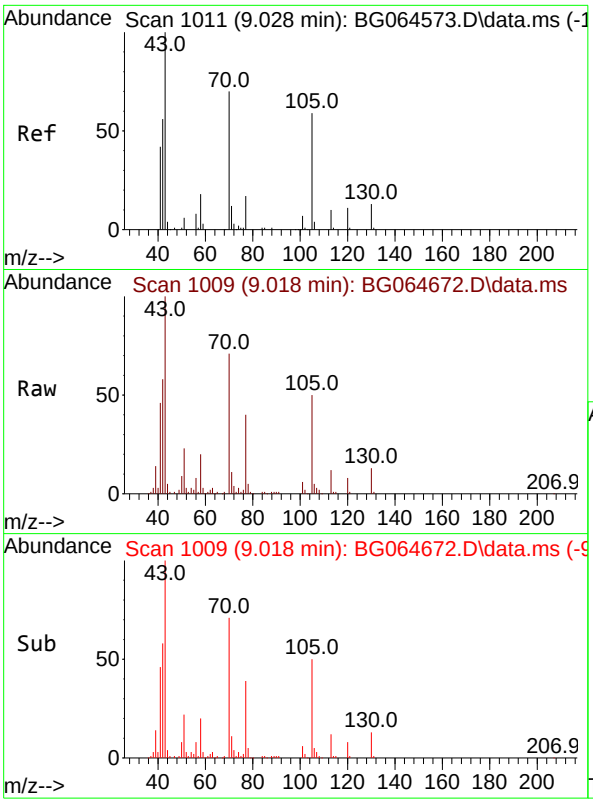


#18
Hexachloroethane
Concen: 41.974 ng
RT: 9.311 min Scan# 1059
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:117 Resp: 34298

Ion	Ratio	Lower	Upper
117	100		
119	84.5	75.4	113.2
201	120.3	99.2	148.8



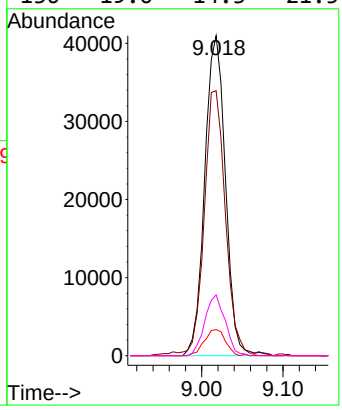


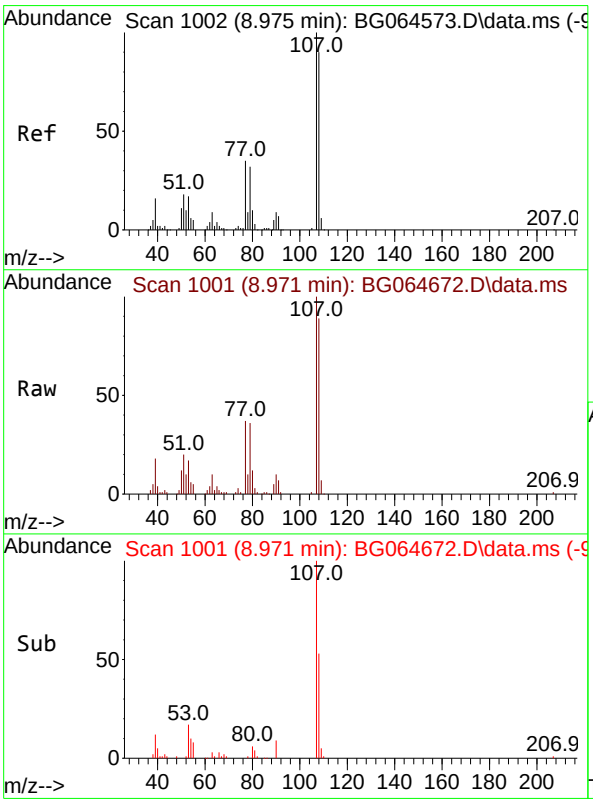
#19
n-Nitroso-di-n-propylamine
Concen: 40.233 ng
RT: 9.018 min Scan# 1
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 72526

Ion	Ratio	Lower	Upper
70	100		
42	82.8	65.2	97.8
101	8.2	7.9	11.9
130	19.0	14.3	21.5

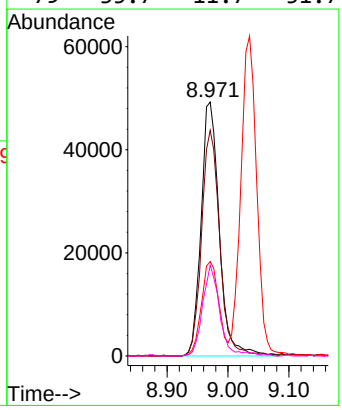


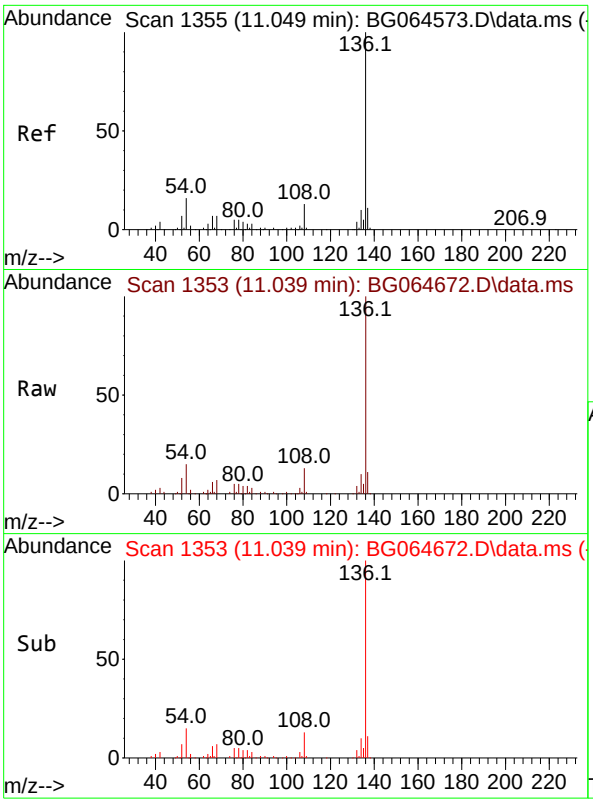


#20
3+4-Methylphenols
Concen: 37.939 ng
RT: 8.971 min Scan# 1001
Delta R.T. -0.004 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:107 Resp: 102186

Ion	Ratio	Lower	Upper
107	100		
108	88.8	70.3	110.3
77	37.2	14.6	54.6
79	35.7	11.7	51.7



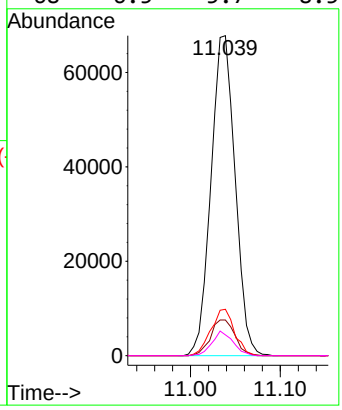


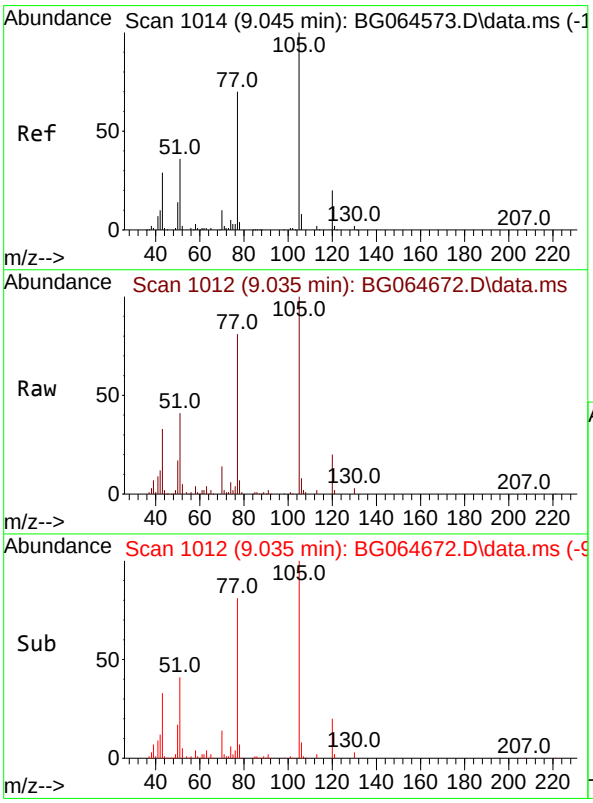
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.039 min Scan# 1
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 126610

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	14.5	12.6	19.0
68	6.5	5.7	8.5

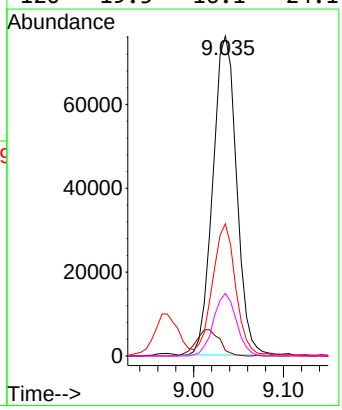


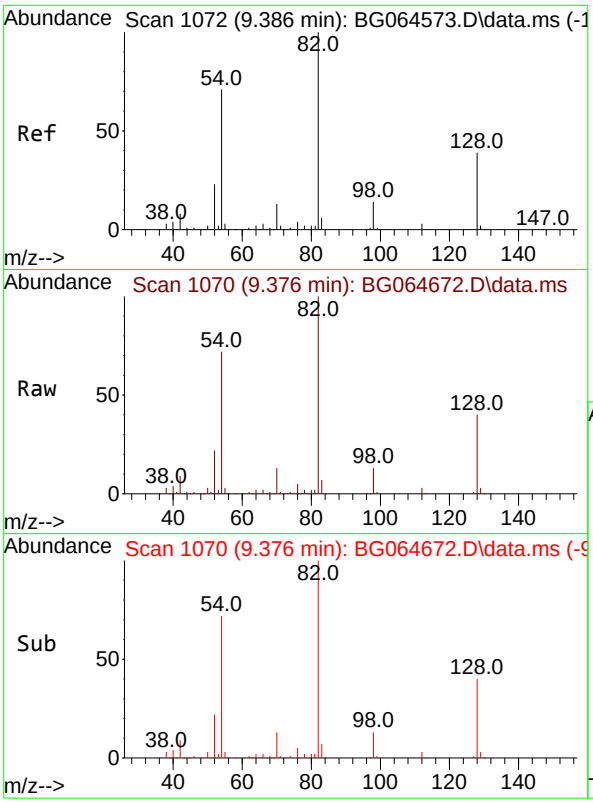


#22
Acetophenone
Concen: 40.299 ng
RT: 9.035 min Scan# 1012
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:105 Resp: 139475

Ion	Ratio	Lower	Upper
105	100		
71	1.7	1.5	2.3
51	41.3	33.7	50.5
120	19.5	16.1	24.1



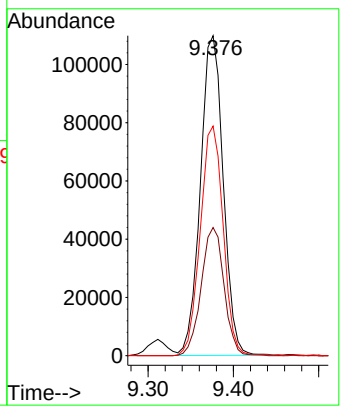


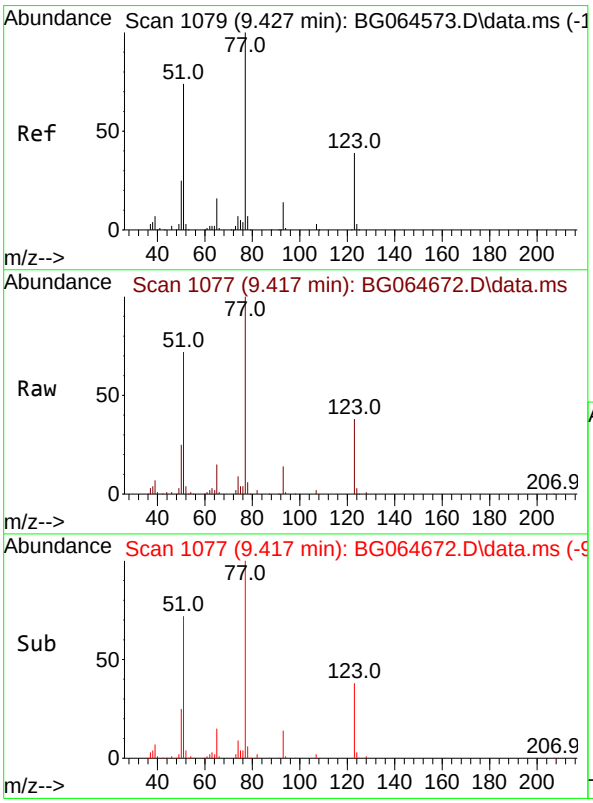
#23
Nitrobenzene-d5
Concen: 96.706 ng
RT: 9.376 min Scan# 1
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 203853

Ion	Ratio	Lower	Upper
82	100		
128	40.1	31.3	46.9
54	71.7	56.6	84.8

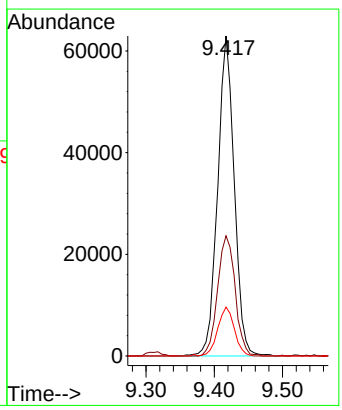


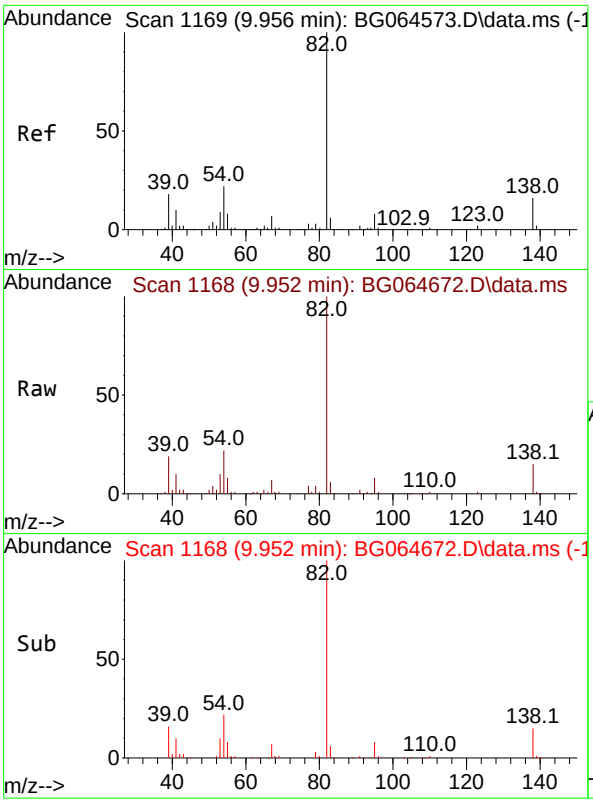


#24
Nitrobenzene
Concen: 46.482 ng
RT: 9.417 min Scan# 1077
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion: 77 Resp: 106572

Ion	Ratio	Lower	Upper
77	100		
123	37.6	31.0	46.6
65	15.3	12.7	19.1



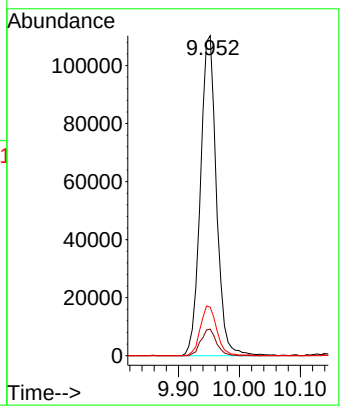


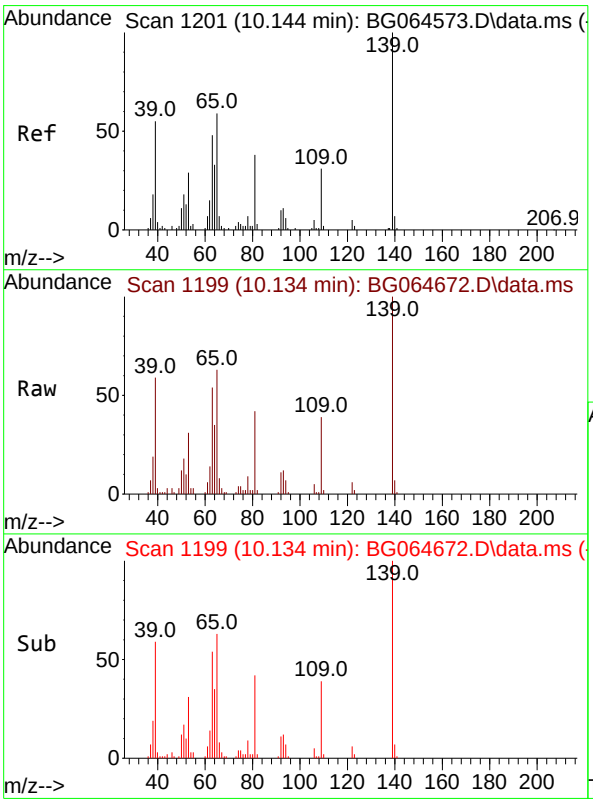
#25
Isophorone
Concen: 39.826 ng
RT: 9.952 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 201448

Ion	Ratio	Lower	Upper
82	100		
95	8.3	6.1	9.1
138	15.1	13.0	19.4

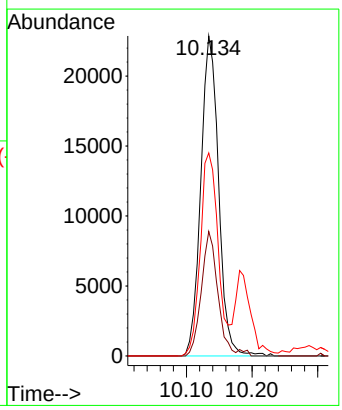


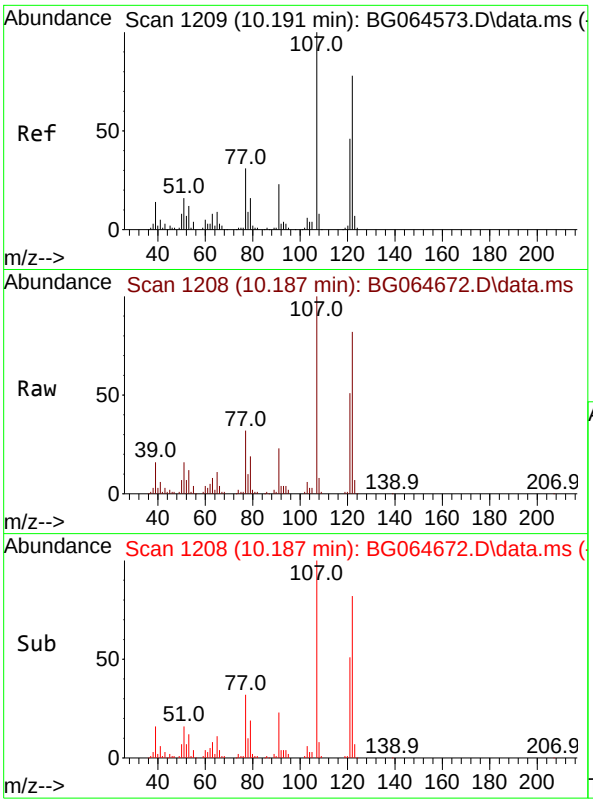


#26
2-Nitrophenol
Concen: 48.747 ng
RT: 10.134 min Scan# 1199
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:139 Resp: 43169

Ion	Ratio	Lower	Upper
139	100		
109	38.9	24.6	37.0#
65	63.4	47.5	71.3



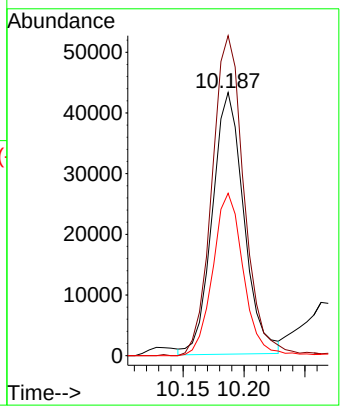


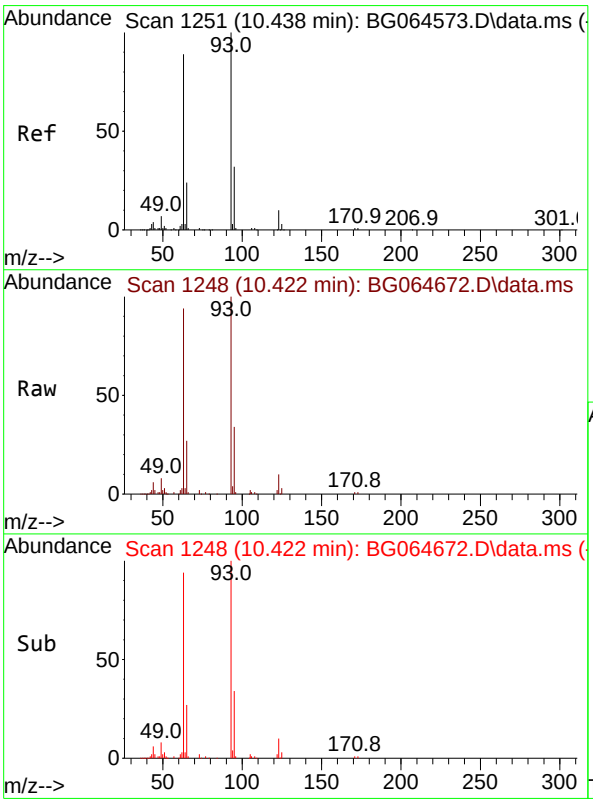
#27
2,4-Dimethylphenol
Concen: 41.322 ng
RT: 10.187 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 77748

Ion	Ratio	Lower	Upper
122	100		
107	121.6	103.0	154.4
121	61.7	47.8	71.8

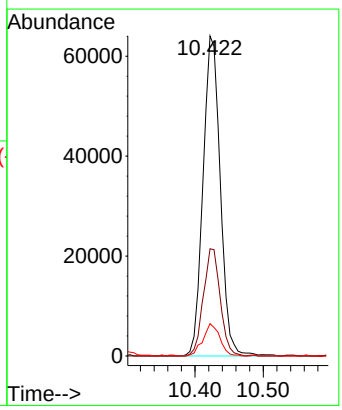


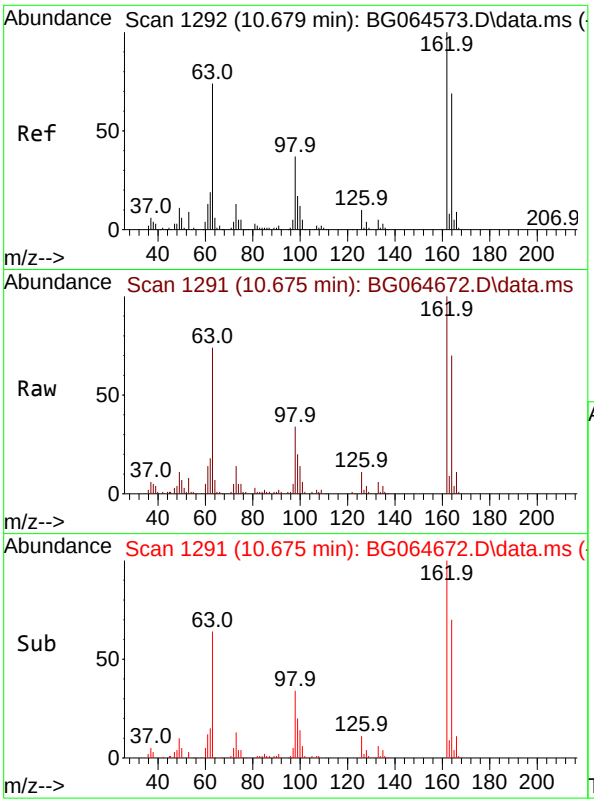


#28
bis(2-Chloroethoxy)methane
Concen: 39.199 ng
RT: 10.422 min Scan# 1248
Delta R.T. -0.016 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion: 93 Resp: 112890

Ion	Ratio	Lower	Upper
93	100		
95	33.5	25.4	38.2
123	10.1	8.4	12.6



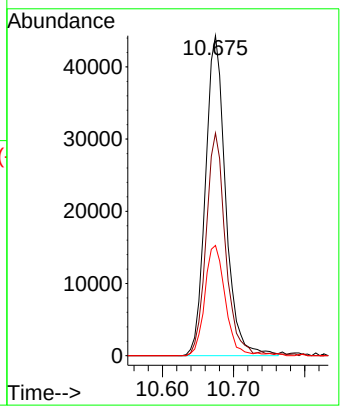


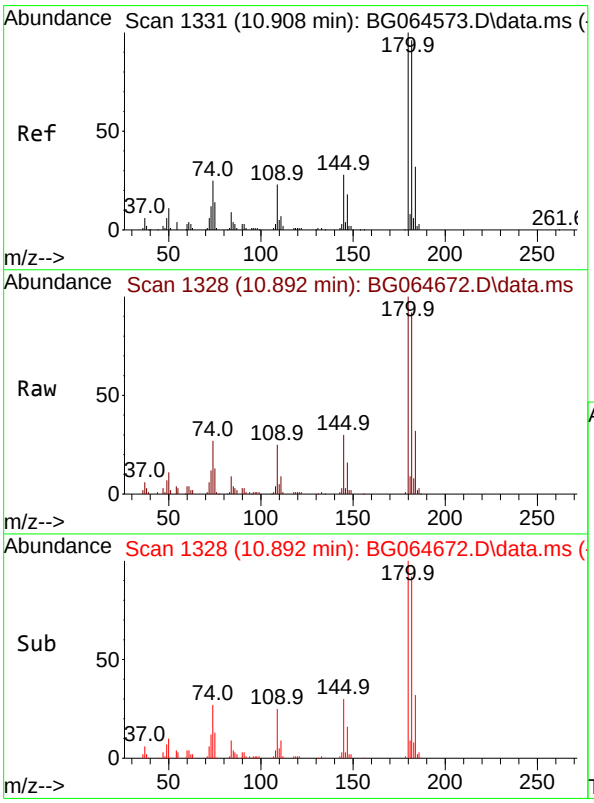
#29
2,4-Dichlorophenol
Concen: 43.085 ng
RT: 10.675 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 87240

Ion	Ratio	Lower	Upper
162	100		
164	69.6	48.7	88.7
98	34.4	16.9	56.9

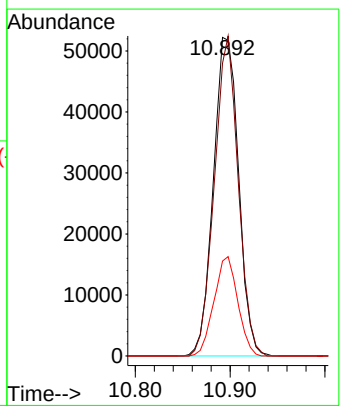


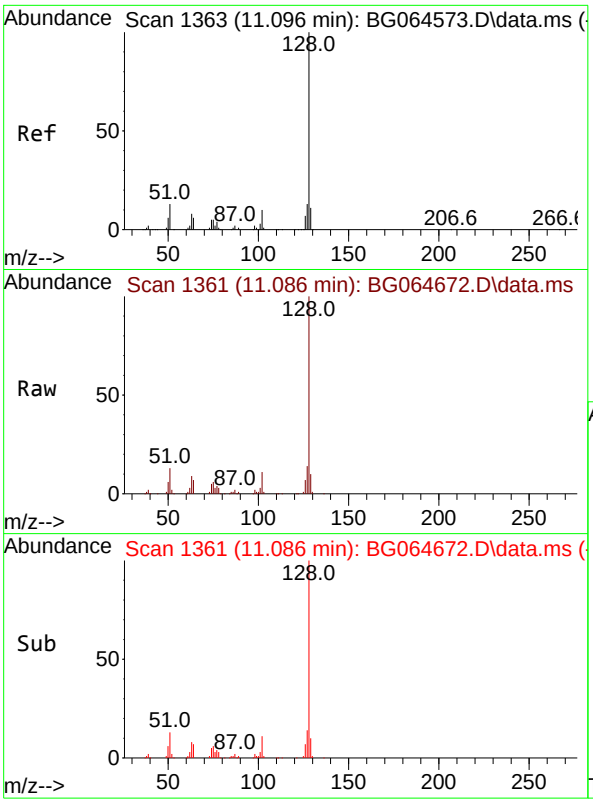


#30
1,2,4-Trichlorobenzene
Concen: 41.946 ng
RT: 10.892 min Scan# 1328
Delta R.T. -0.016 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:180 Resp: 96502

Ion	Ratio	Lower	Upper
180	100		
182	91.9	76.9	115.3
145	29.8	22.1	33.1



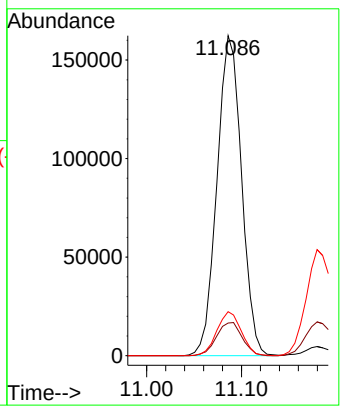


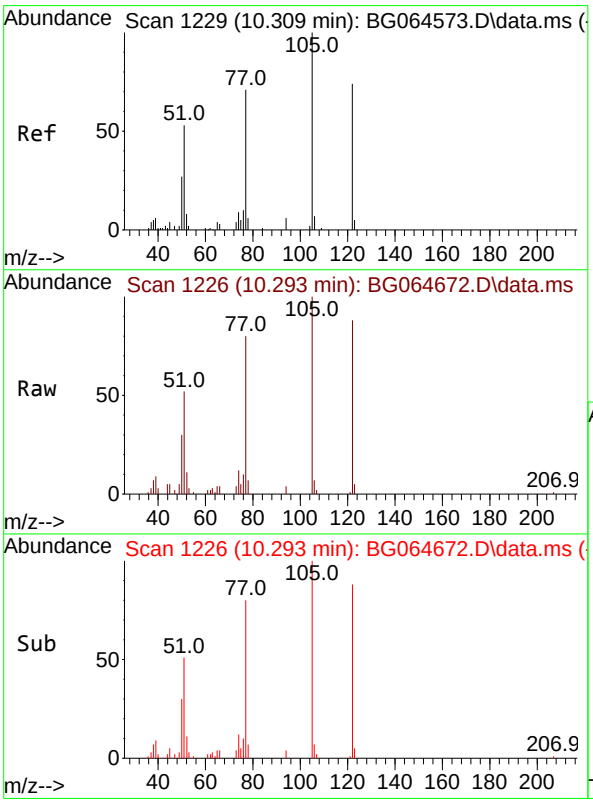
#31
Naphthalene
Concen: 41.686 ng
RT: 11.086 min Scan# 1
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 292620

Ion	Ratio	Lower	Upper
128	100		
129	10.2	8.8	13.2
127	13.8	10.6	15.8

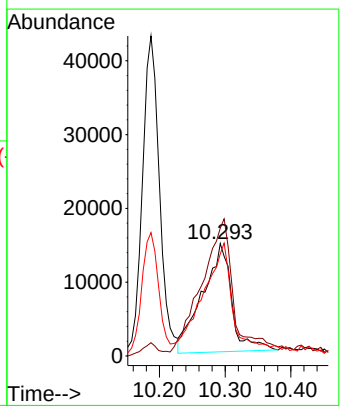


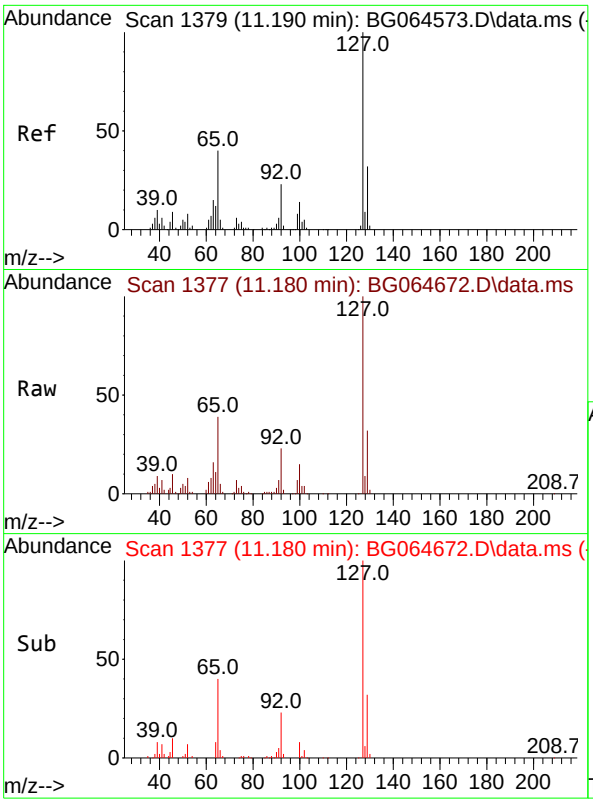


#32
Benzoic acid
Concen: 33.845 ng
RT: 10.293 min Scan# 1226
Delta R.T. -0.016 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:122 Resp: 45620

Ion	Ratio	Lower	Upper
122	100		
105	113.6	104.2	144.2
77	90.8	70.2	110.2



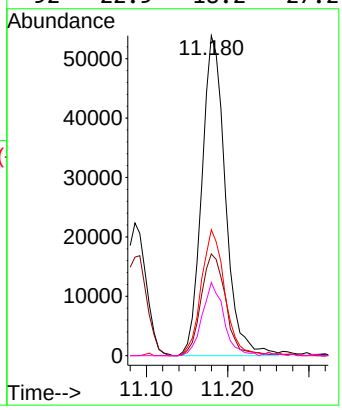


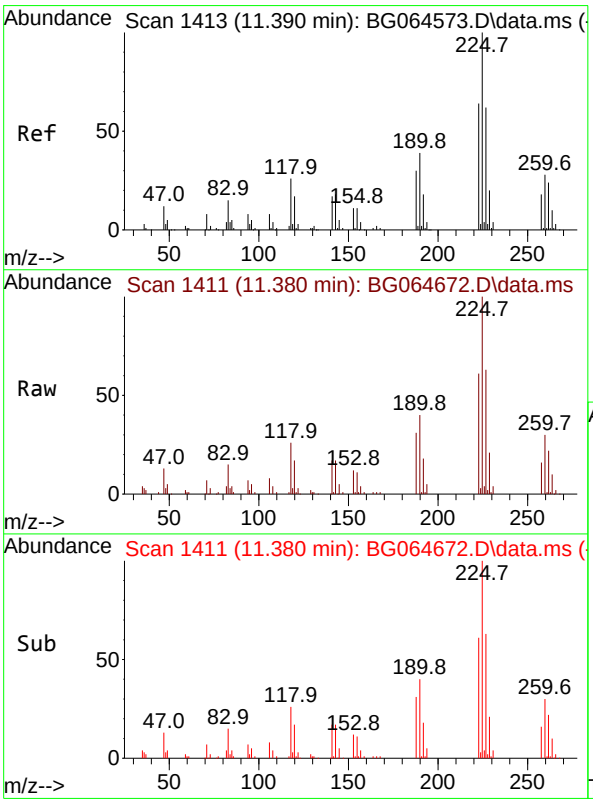
#33
4-Chloroaniline
Concen: 39.714 ng
RT: 11.180 min Scan# 1
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 108356

Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.5	38.3
65	39.4	32.2	48.4
92	22.9	18.2	27.2

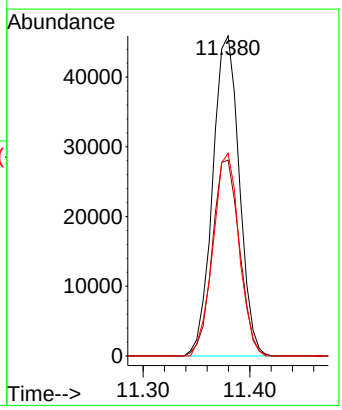


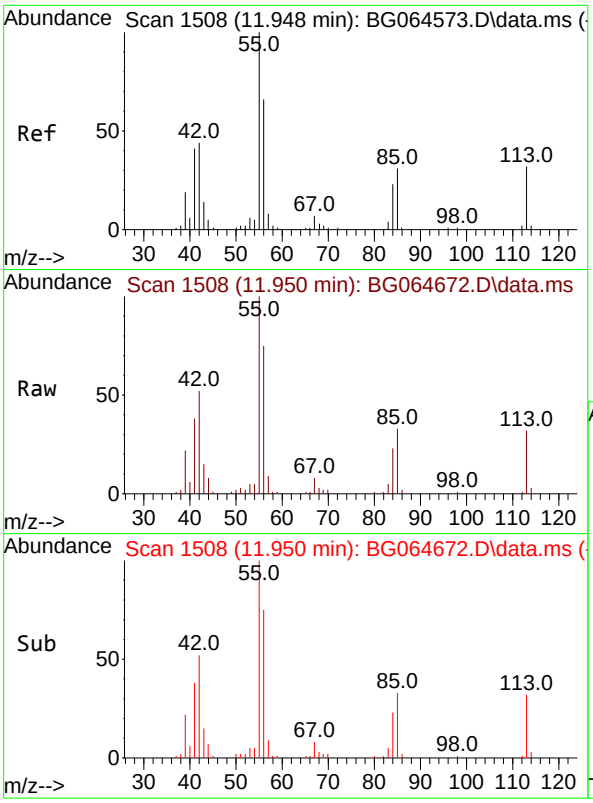


#34
Hexachlorobutadiene
Concen: 44.151 ng
RT: 11.380 min Scan# 1411
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:225 Resp: 79438

Ion	Ratio	Lower	Upper
225	100		
223	61.2	48.8	73.2
227	65.6	49.5	74.3



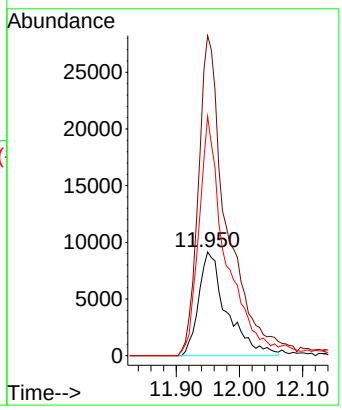


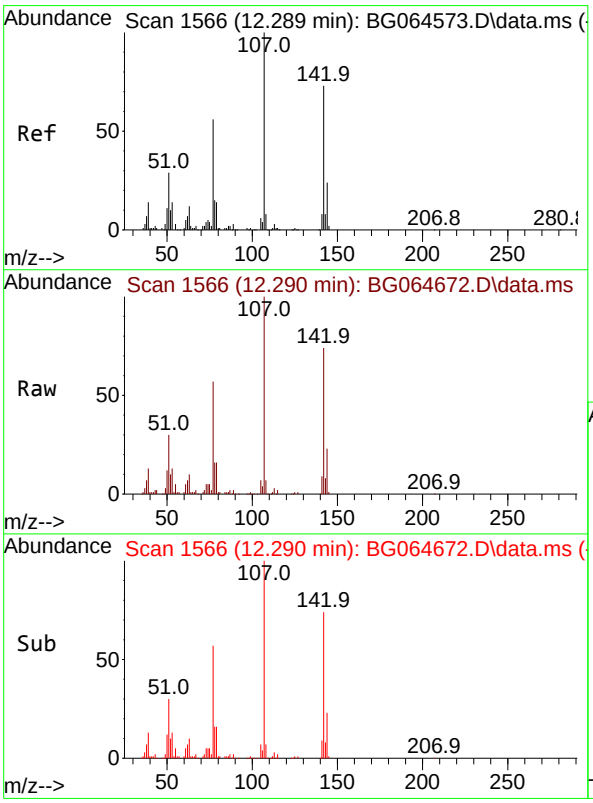
#35
Caprolactam
Concen: 36.407 ng
RT: 11.950 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 28274

Ion	Ratio	Lower	Upper
113	100		
55	308.9	290.1	330.1
56	231.0	183.8	223.8#

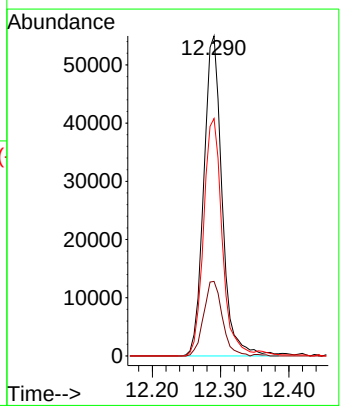


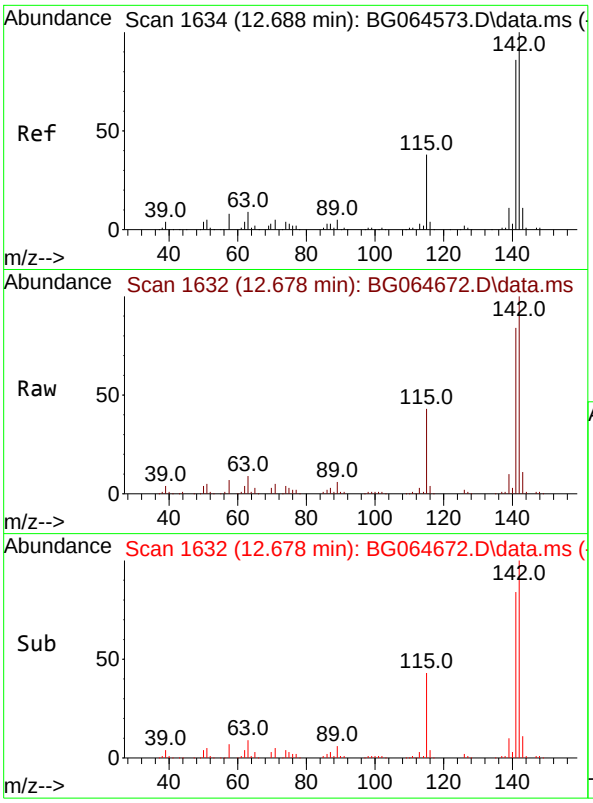


#36
4-Chloro-3-methylphenol
Concen: 42.253 ng
RT: 12.290 min Scan# 1566
Delta R.T. 0.002 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:107 Resp: 102839

Ion	Ratio	Lower	Upper
107	100		
144	23.3	19.1	28.7
142	74.2	58.6	87.8



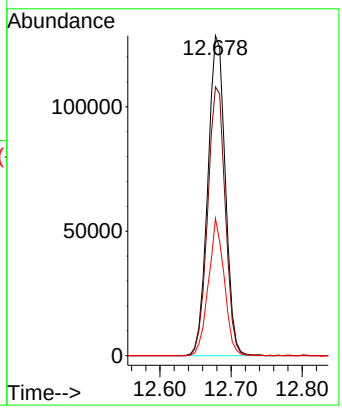


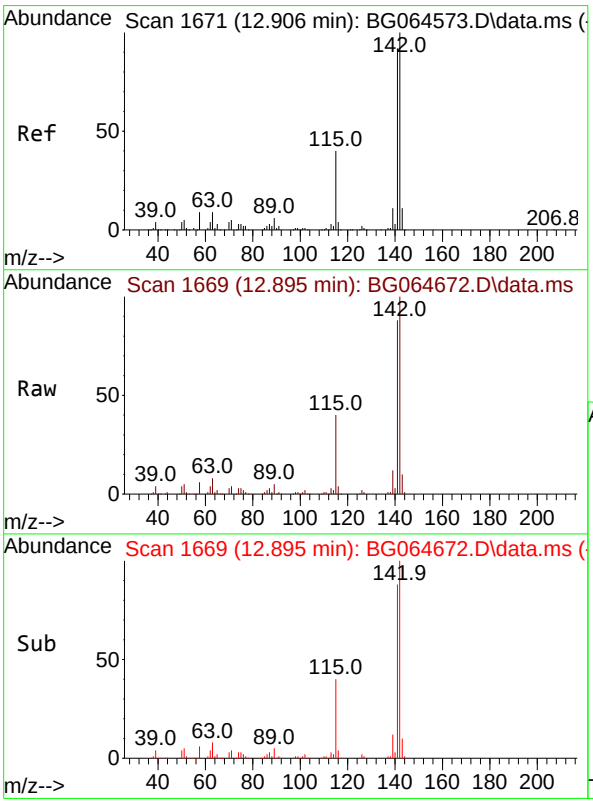
#37
2-Methylnaphthalene
Concen: 42.547 ng
RT: 12.678 min Scan# 1
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 219278

Ion	Ratio	Lower	Upper
142	100		
141	84.0	68.9	103.3
115	42.9	30.6	46.0

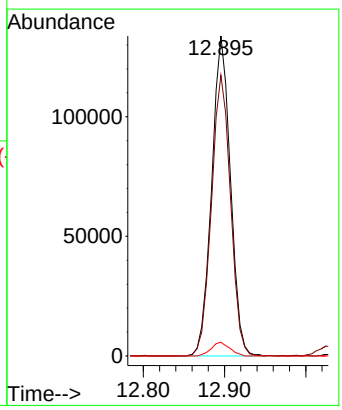


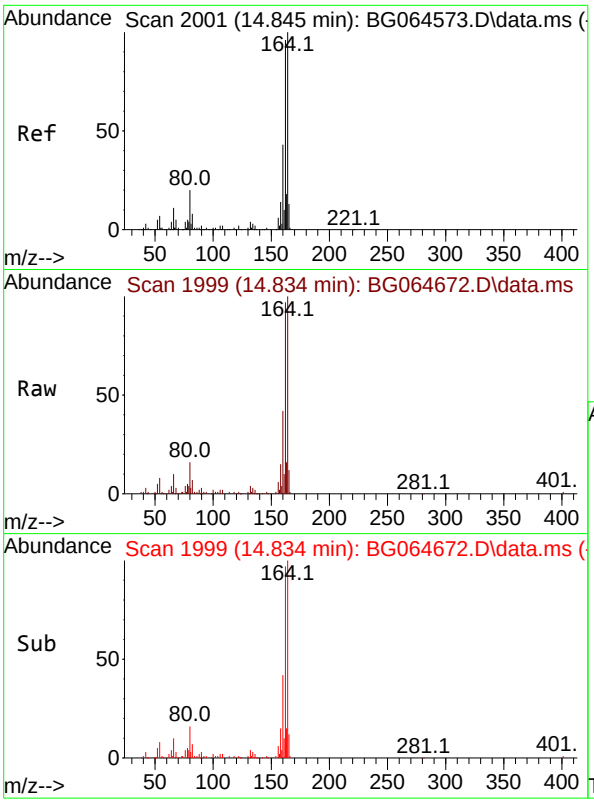


#38
1-Methylnaphthalene
Concen: 42.041 ng
RT: 12.895 min Scan# 1669
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:142 Resp: 214494

Ion	Ratio	Lower	Upper
142	100		
141	87.7	73.3	109.9
116	4.3	3.1	4.7



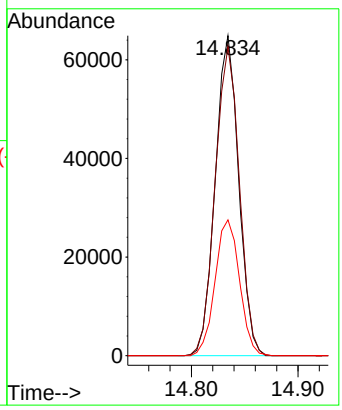


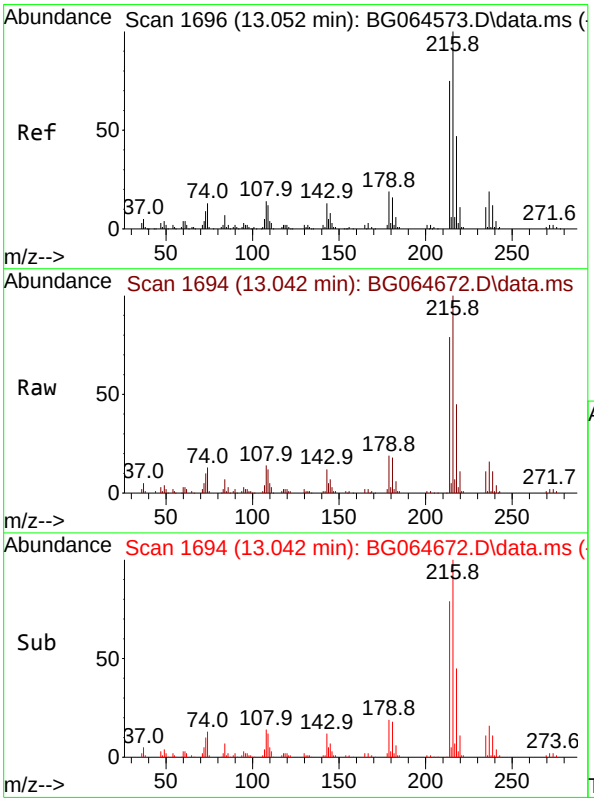
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.834 min Scan# 1
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 99069

Ion	Ratio	Lower	Upper
164	100		
162	96.5	77.0	115.6
160	42.4	34.4	51.6

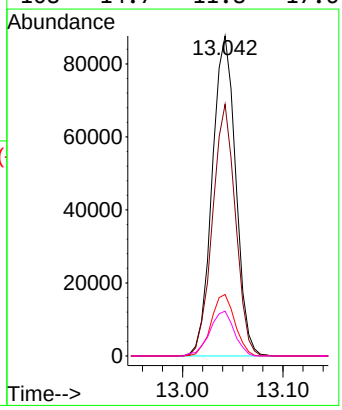


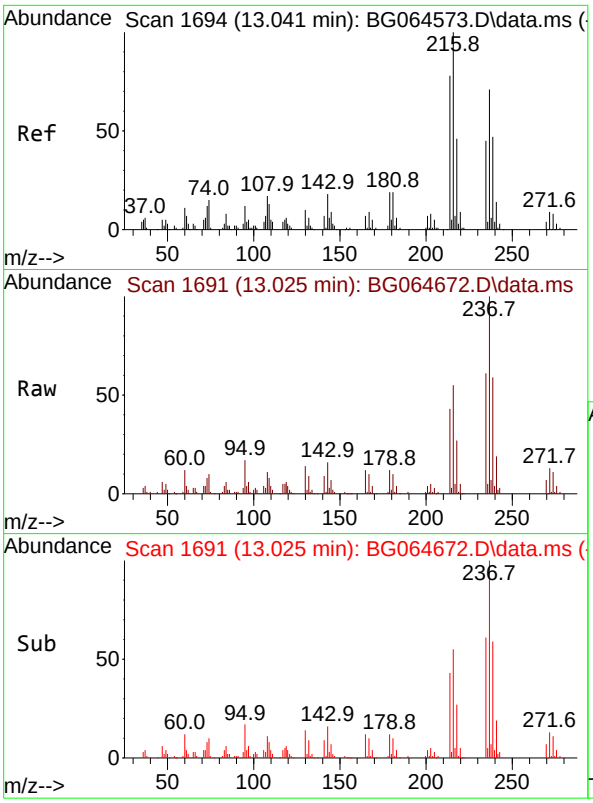


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.807 ng
RT: 13.042 min Scan# 1694
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:216 Resp: 142325

Ion	Ratio	Lower	Upper
216	100		
214	76.8	61.4	92.2
179	19.4	15.4	23.0
108	14.7	11.8	17.6



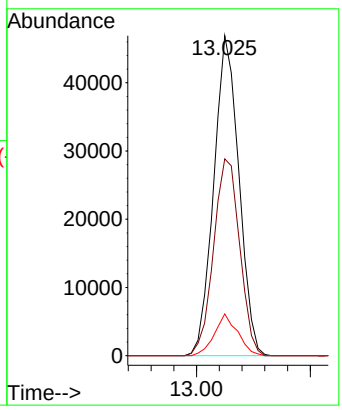


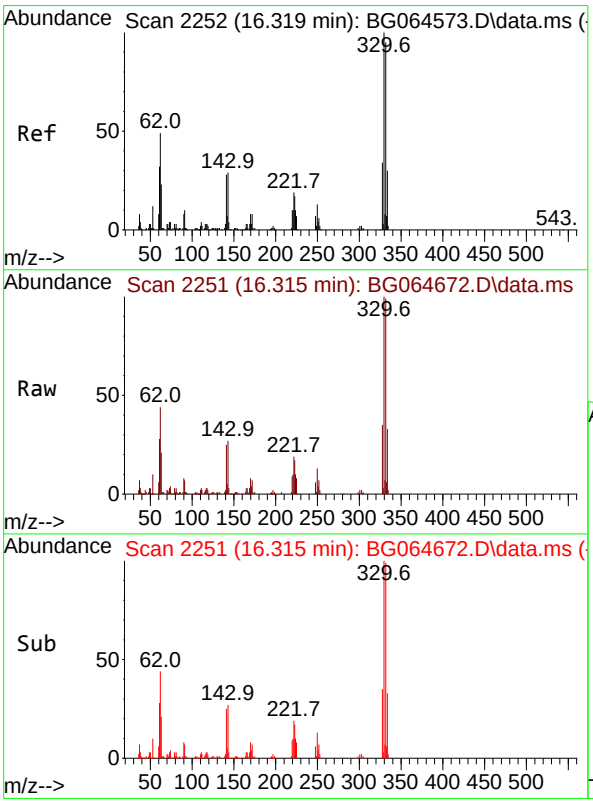
#41
Hexachlorocyclopentadiene
Concen: 48.136 ng
RT: 13.025 min Scan# 1
Delta R.T. -0.016 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 72036

Ion	Ratio	Lower	Upper
237	100		
235	61.5	44.1	84.1
272	13.1	0.0	32.4

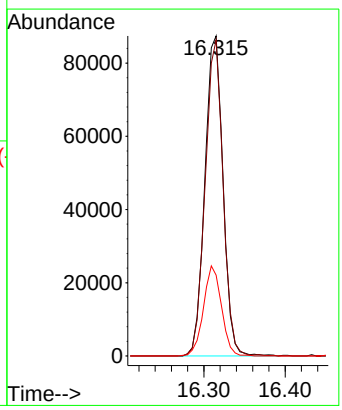


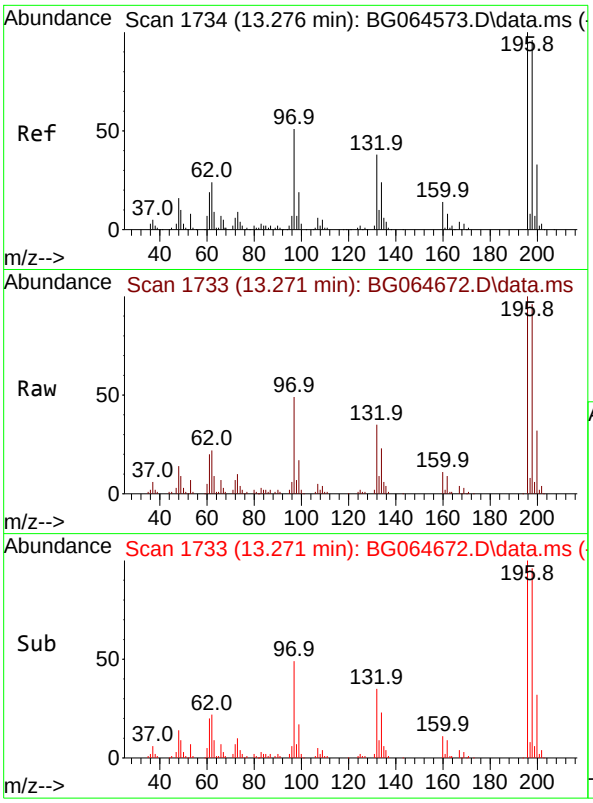


#42
2,4,6-Tribromophenol
Concen: 94.664 ng
RT: 16.315 min Scan# 2251
Delta R.T. -0.004 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:330 Resp: 135357

Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.0	117.0
141	27.9	21.8	32.6



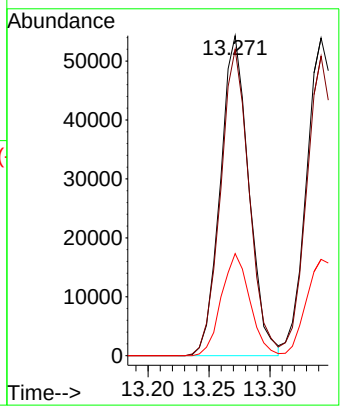


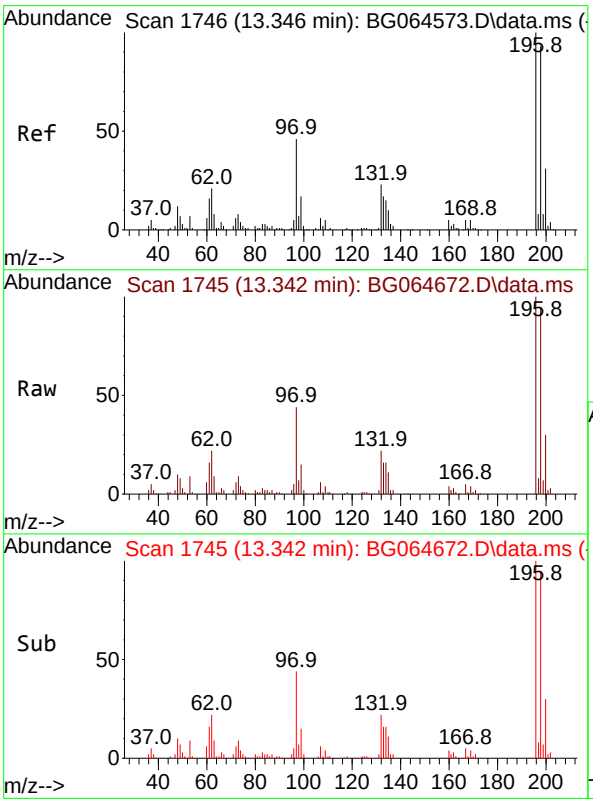
#43
2,4,6-Trichlorophenol
Concen: 46.557 ng
RT: 13.271 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 88543

Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.6	115.0
200	31.9	26.0	39.0

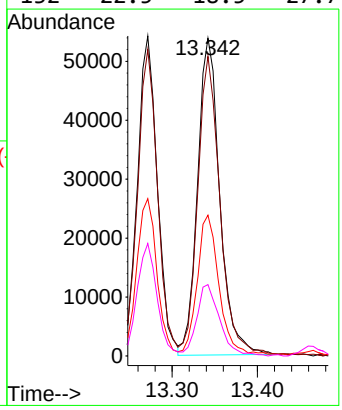


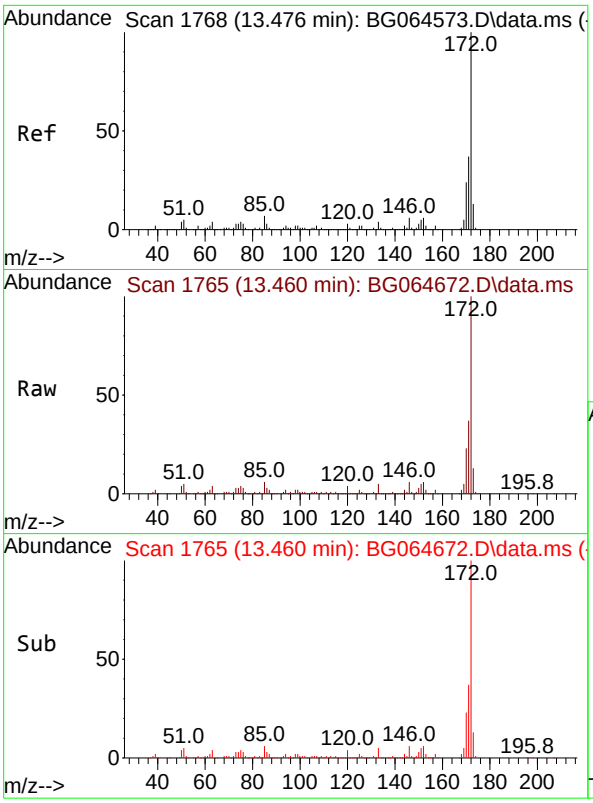


#44
2,4,5-Trichlorophenol
Concen: 44.435 ng
RT: 13.342 min Scan# 1745
Delta R.T. -0.004 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:196 Resp: 97521

Ion	Ratio	Lower	Upper
196	100		
198	94.2	74.2	111.4
97	44.3	37.0	55.6
132	22.5	18.5	27.7



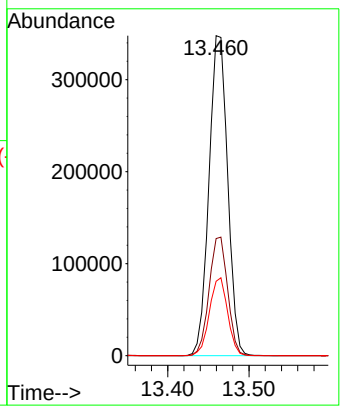


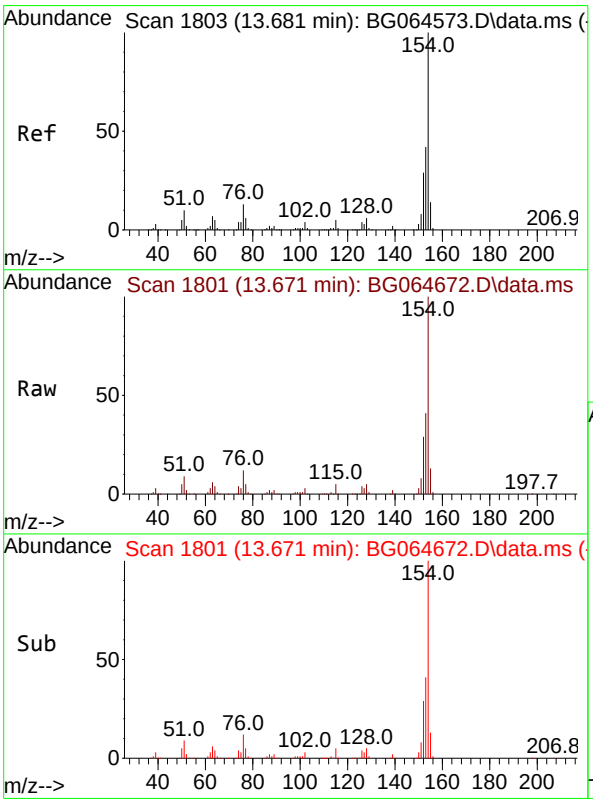
#45
2-Fluorobiphenyl
Concen: 84.885 ng
RT: 13.460 min Scan# 1
Delta R.T. -0.016 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 554808

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	23.3	19.1	28.7

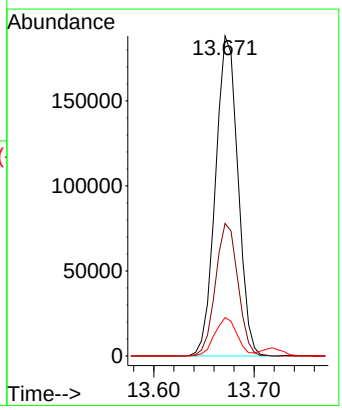


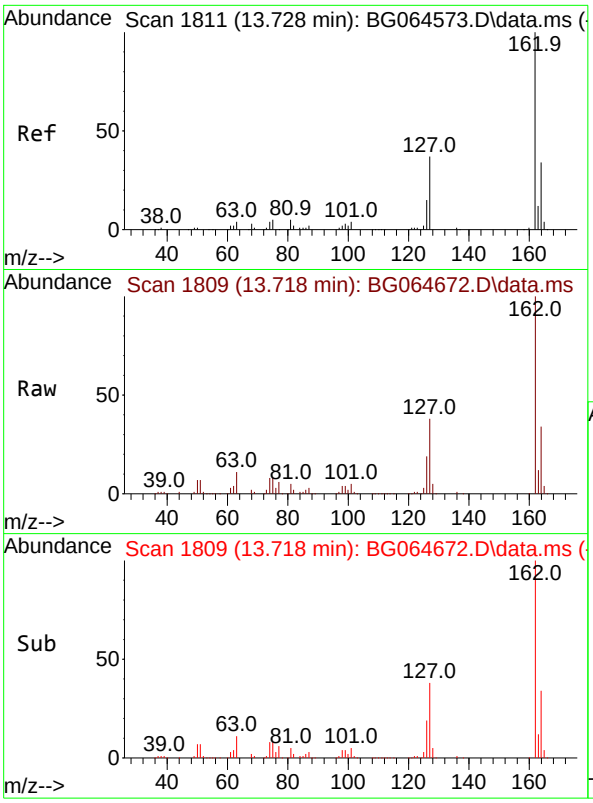


#46
1,1'-Biphenyl
Concen: 41.551 ng
RT: 13.671 min Scan# 1801
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:154 Resp: 292646

Ion	Ratio	Lower	Upper
154	100		
153	41.4	22.4	62.4
76	12.0	0.0	33.5



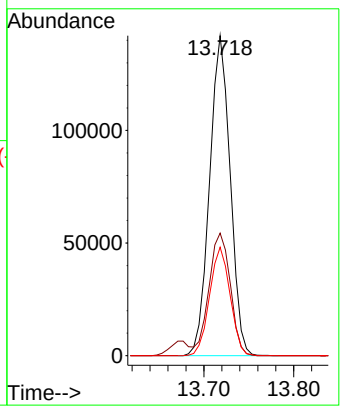


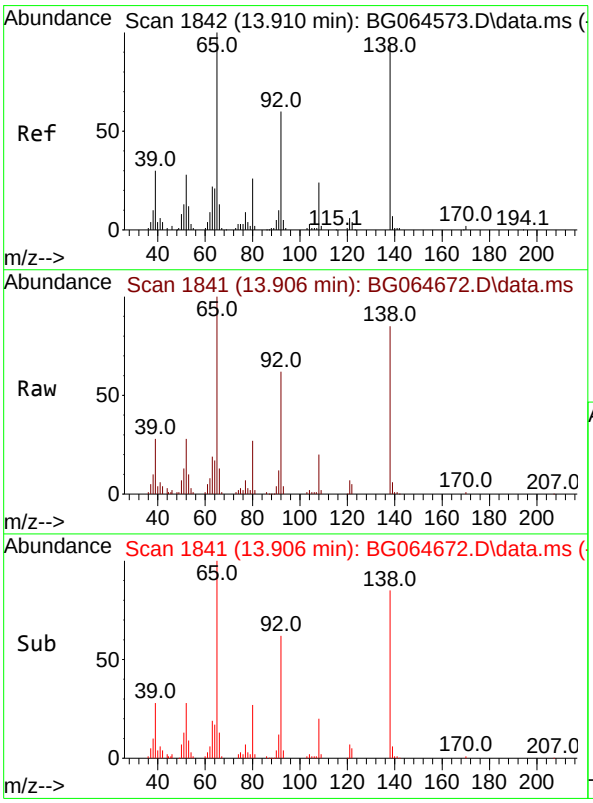
#47
2-Chloronaphthalene
Concen: 42.581 ng
RT: 13.718 min Scan# 1
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 226377

Ion	Ratio	Lower	Upper
162	100		
127	38.3	32.2	48.2
164	33.9	27.5	41.3

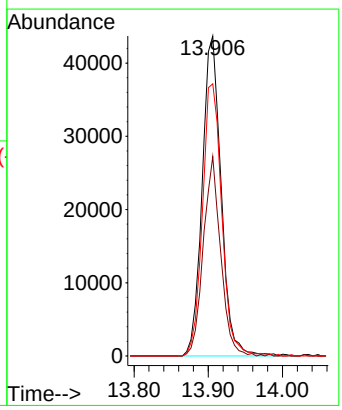


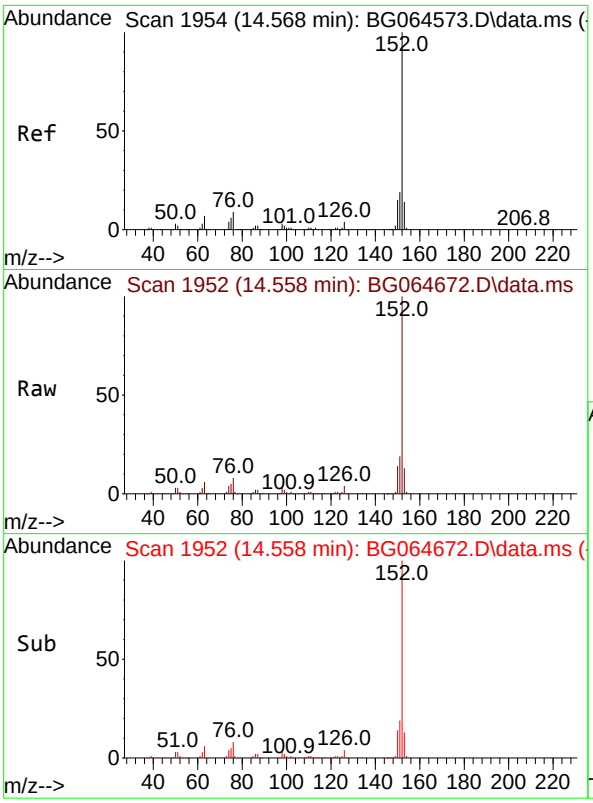


#48
2-Nitroaniline
Concen: 43.704 ng
RT: 13.906 min Scan# 1841
Delta R.T. -0.004 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion: 65 Resp: 77449

Ion	Ratio	Lower	Upper
65	100		
92	62.3	48.3	72.5
138	85.0	74.9	112.3



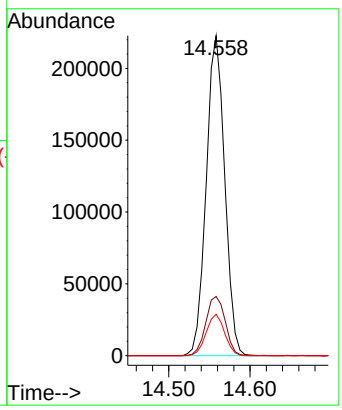


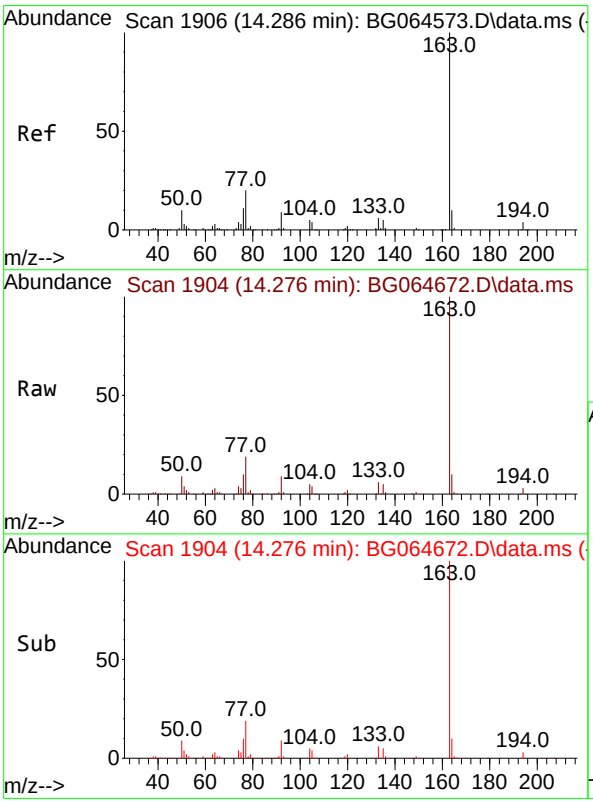
#49
Acenaphthylene
Concen: 41.959 ng
RT: 14.558 min Scan# 1
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 351856

Ion	Ratio	Lower	Upper
152	100		
151	18.5	15.4	23.2
153	13.0	11.0	16.4

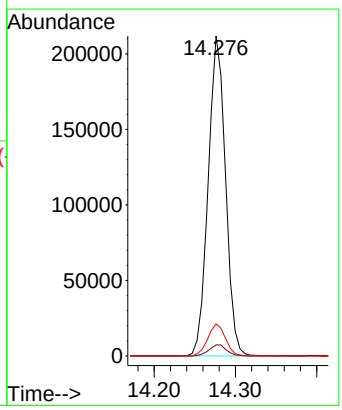


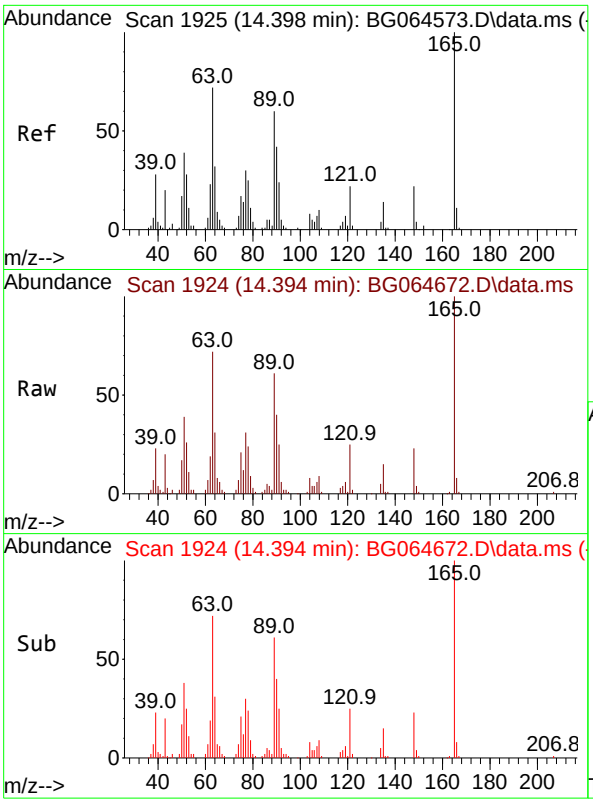


#50
Dimethylphthalate
Concen: 41.409 ng
RT: 14.276 min Scan# 1904
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:163 Resp: 313912

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.8	4.2
164	10.0	7.7	11.5



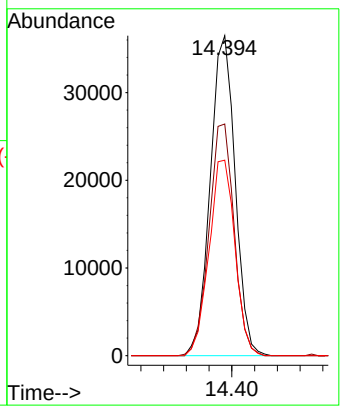


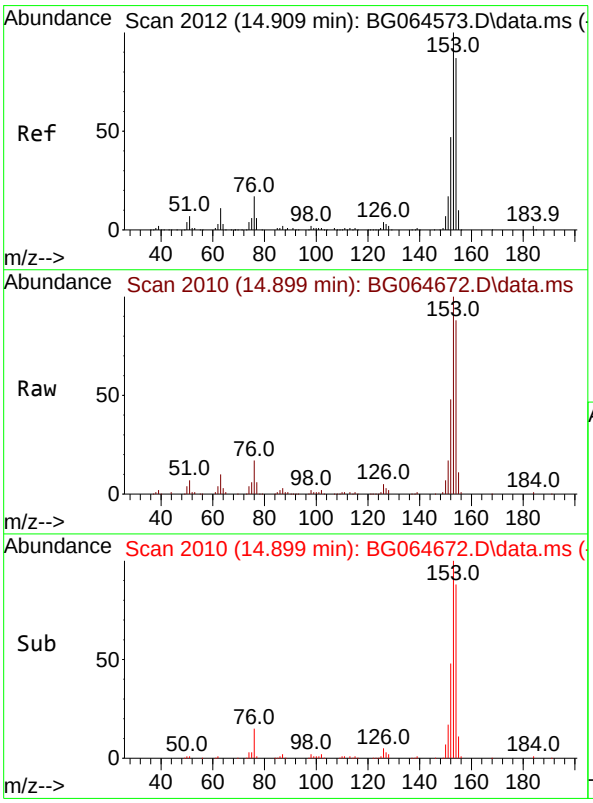
#51
2,6-Dinitrotoluene
Concen: 44.506 ng
RT: 14.394 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 55358

Ion	Ratio	Lower	Upper
165	100		
63	72.4	57.4	86.0
89	61.1	47.8	71.8

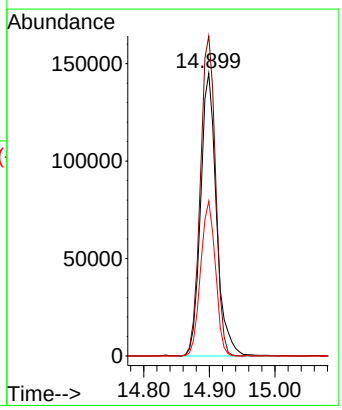


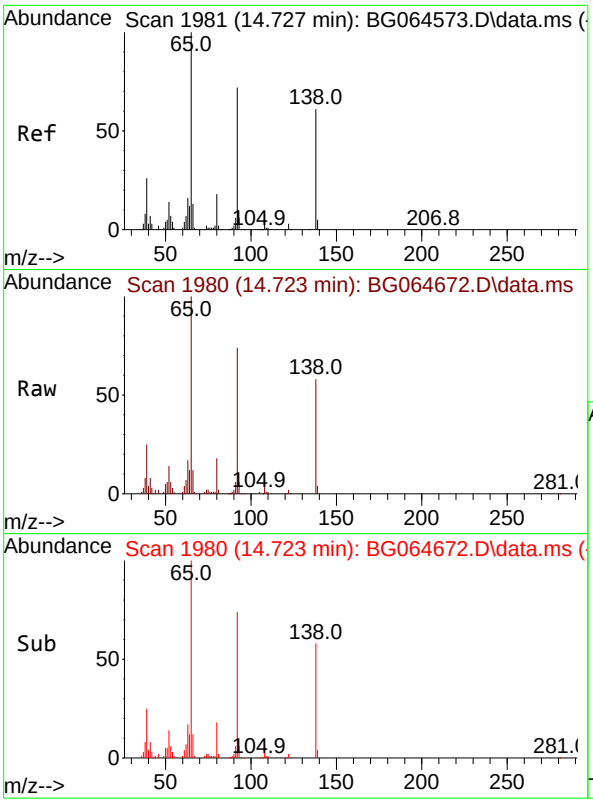


#52
Acenaphthene
Concen: 42.704 ng
RT: 14.899 min Scan# 2010
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:154 Resp: 244659

Ion	Ratio	Lower	Upper
154	100		
153	113.2	92.2	138.4
152	54.8	43.2	64.8



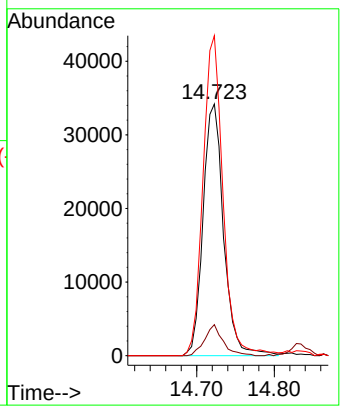


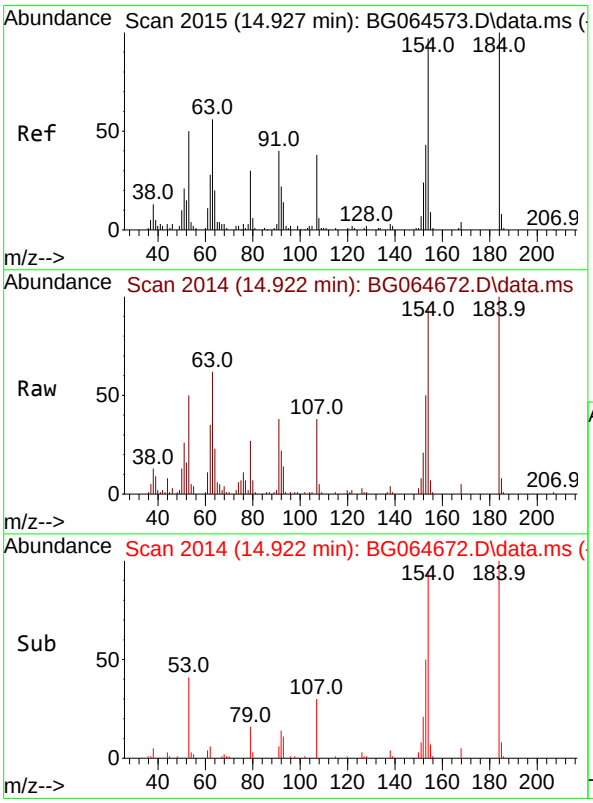
#53
3-Nitroaniline
Concen: 48.280 ng
RT: 14.723 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 62899

Ion	Ratio	Lower	Upper
138	100		
108	12.3	11.4	17.0
92	127.1	95.3	142.9

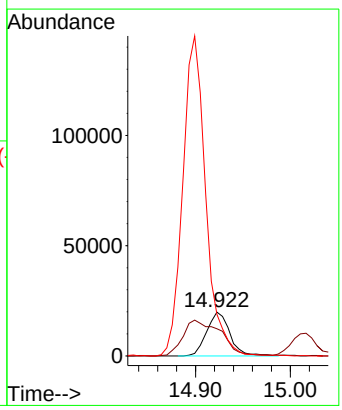


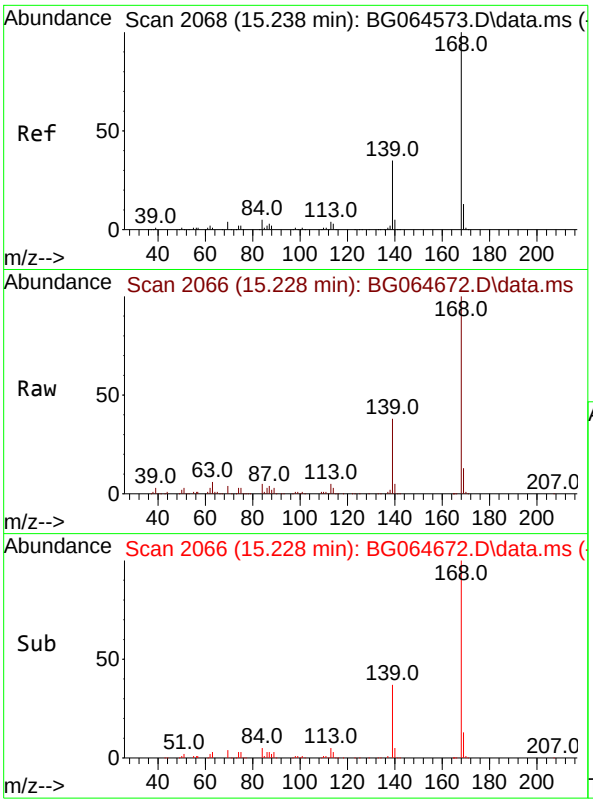


#54
2,4-Dinitrophenol
Concen: 46.693 ng
RT: 14.922 min Scan# 2014
Delta R.T. -0.005 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:184 Resp: 33925

Ion	Ratio	Lower	Upper
184	100		
63	62.1	56.6	85.0
154	94.9	158.6	238.0#



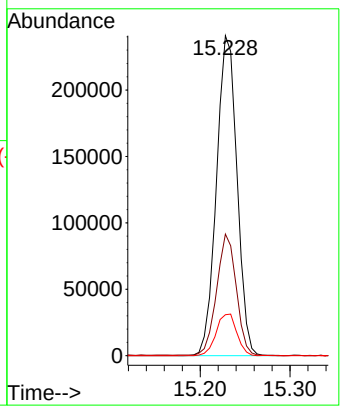


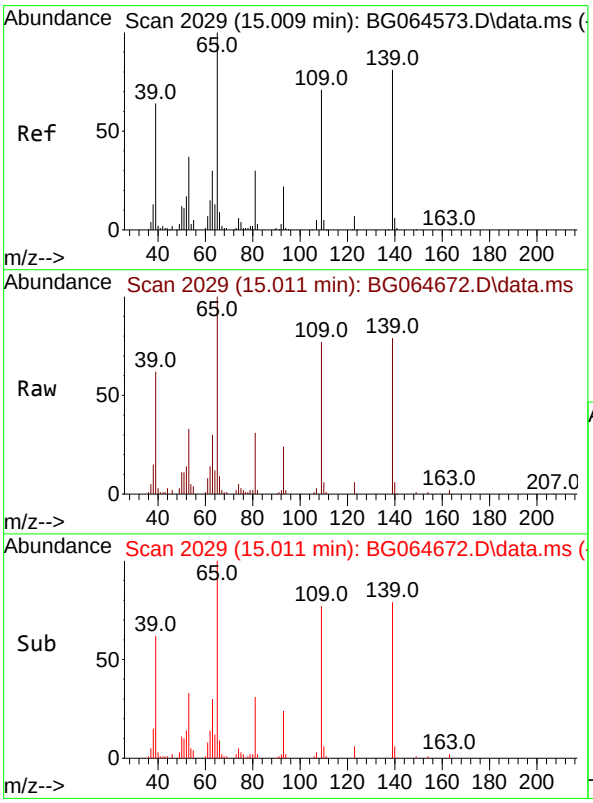
#55
Dibenzofuran
Concen: 41.274 ng
RT: 15.228 min Scan# 2
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 382299

Ion	Ratio	Lower	Upper
168	100		
139	38.0	27.8	41.8
169	12.8	10.3	15.5

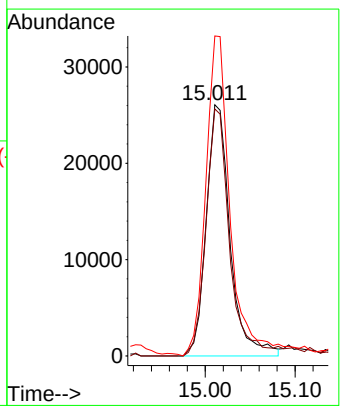


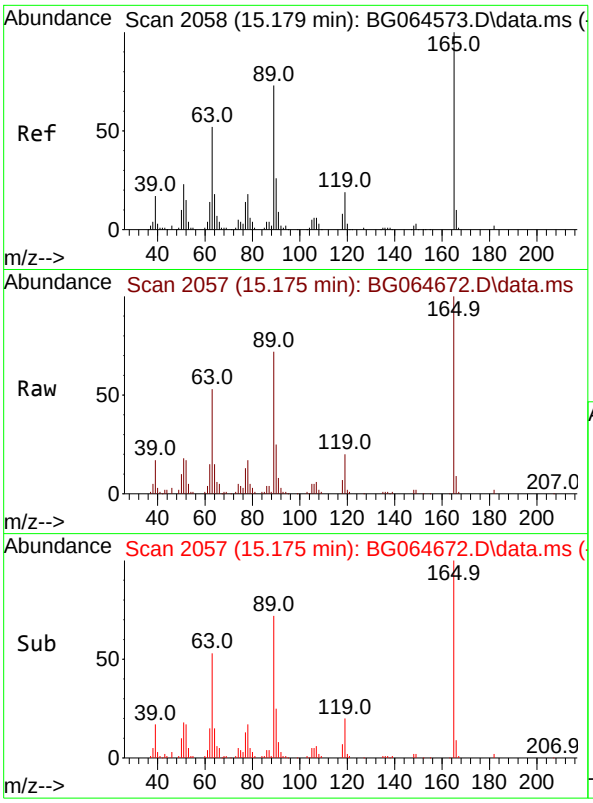


#56
4-Nitrophenol
Concen: 39.829 ng
RT: 15.011 min Scan# 2029
Delta R.T. 0.002 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:139 Resp: 48108

Ion	Ratio	Lower	Upper
139	100		
109	98.3	67.8	107.8
65	127.4	103.7	143.7



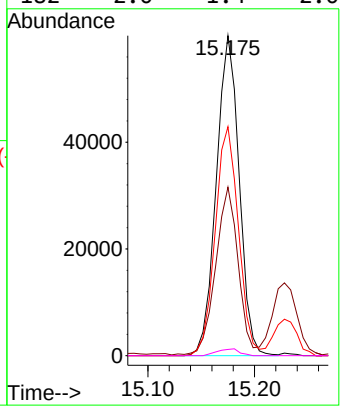


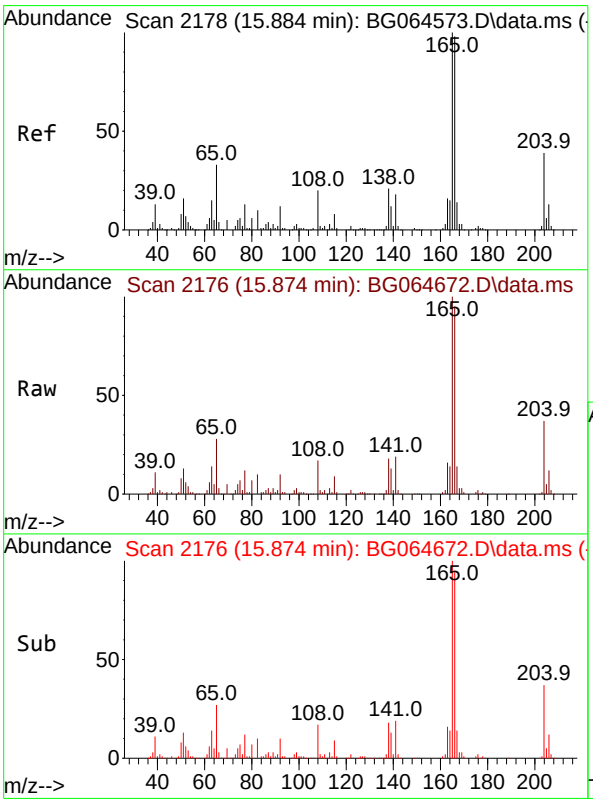
#57
2,4-Dinitrotoluene
Concen: 46.277 ng
RT: 15.175 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 89273

Ion	Ratio	Lower	Upper
165	100		
63	52.7	41.8	62.8
89	71.5	58.1	87.1
182	2.0	1.4	2.0

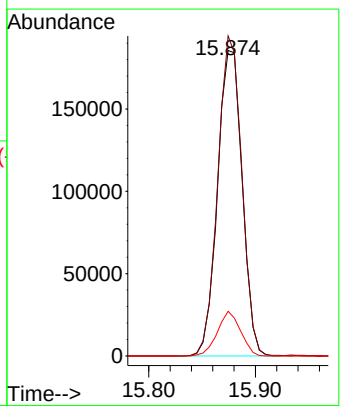


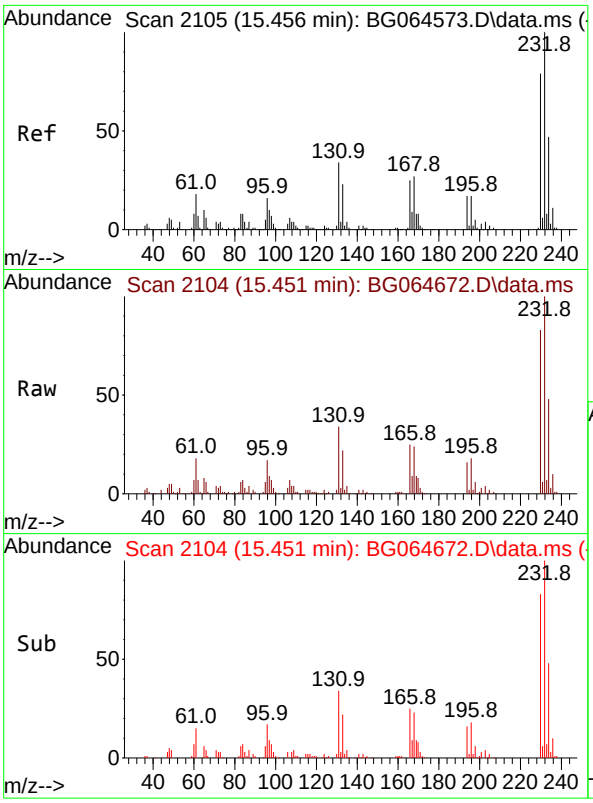


#58
Fluorene
Concen: 41.178 ng
RT: 15.874 min Scan# 2176
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:166 Resp: 297866

Ion	Ratio	Lower	Upper
166	100		
165	104.8	81.5	122.3
167	14.6	11.4	17.0



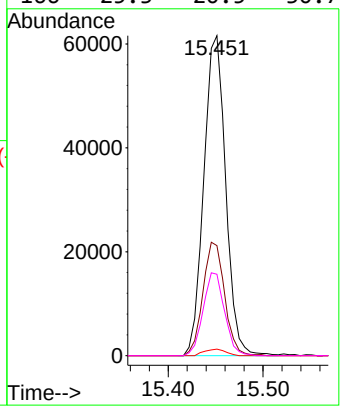


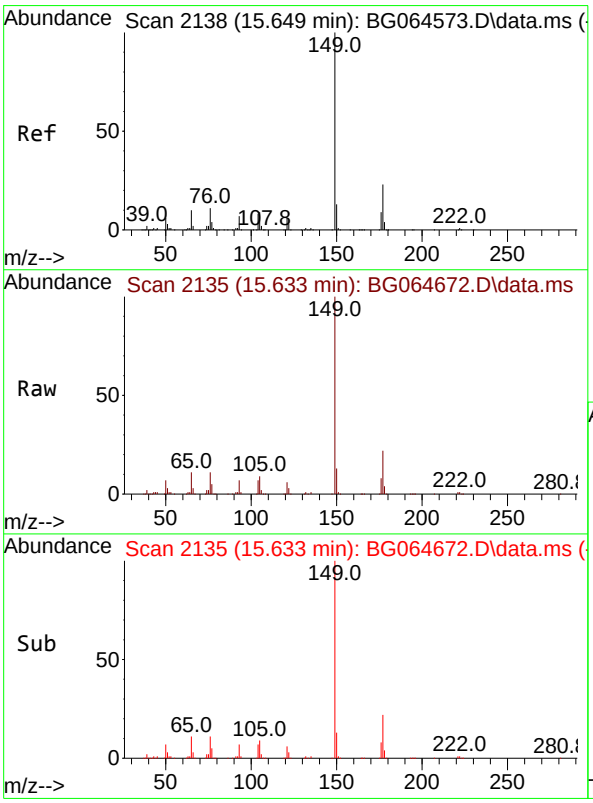
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.027 ng
RT: 15.451 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 98694

Ion	Ratio	Lower	Upper
232	100		
131	35.2	26.7	40.1
130	2.0	1.6	2.4
166	25.3	20.5	30.7

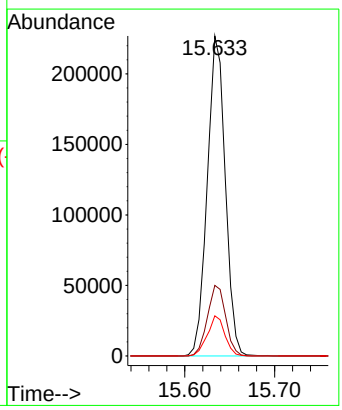


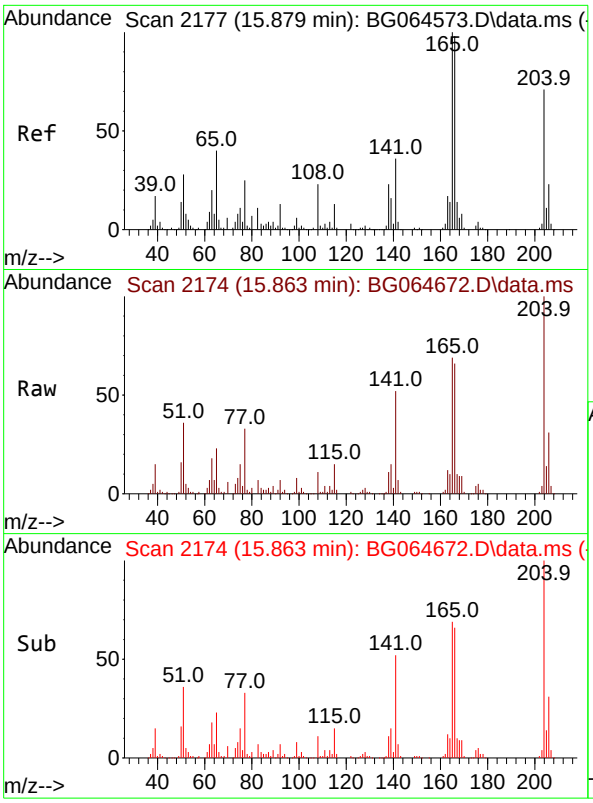


#60
Diethylphthalate
Concen: 40.801 ng
RT: 15.633 min Scan# 2135
Delta R.T. -0.016 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:149 Resp: 315813

Ion	Ratio	Lower	Upper
149	100		
177	22.0	18.0	27.0
150	12.6	10.2	15.4



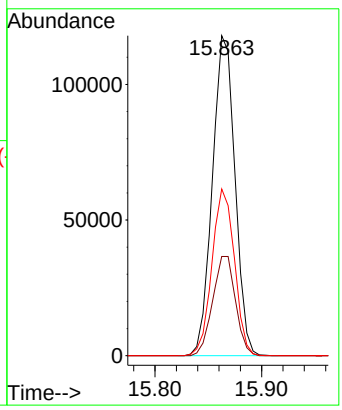


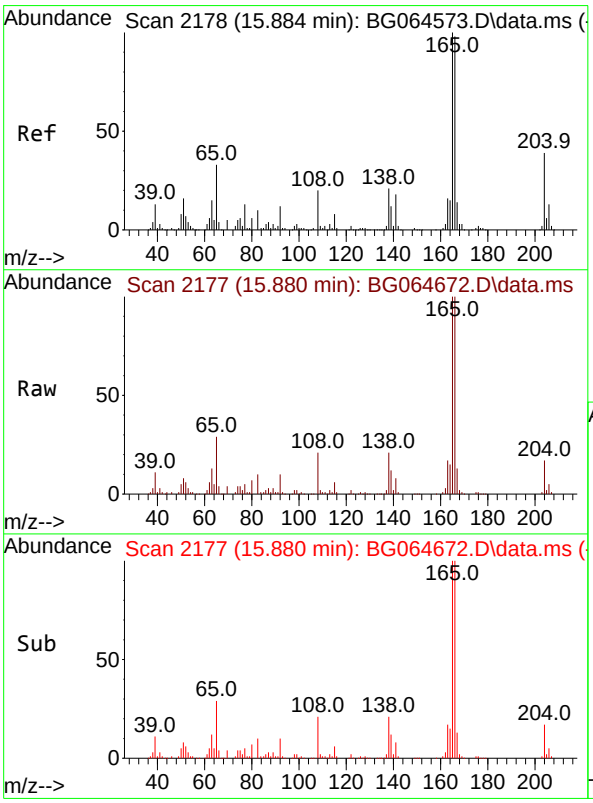
#61
4-Chlorophenyl-phenylether
Concen: 42.698 ng
RT: 15.863 min Scan# 21
Delta R.T. -0.016 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 173330

Ion	Ratio	Lower	Upper
204	100		
206	31.0	25.6	38.4
141	52.1	40.6	60.8

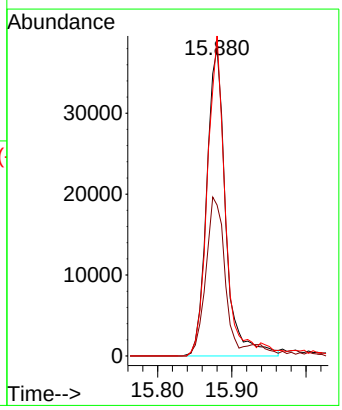


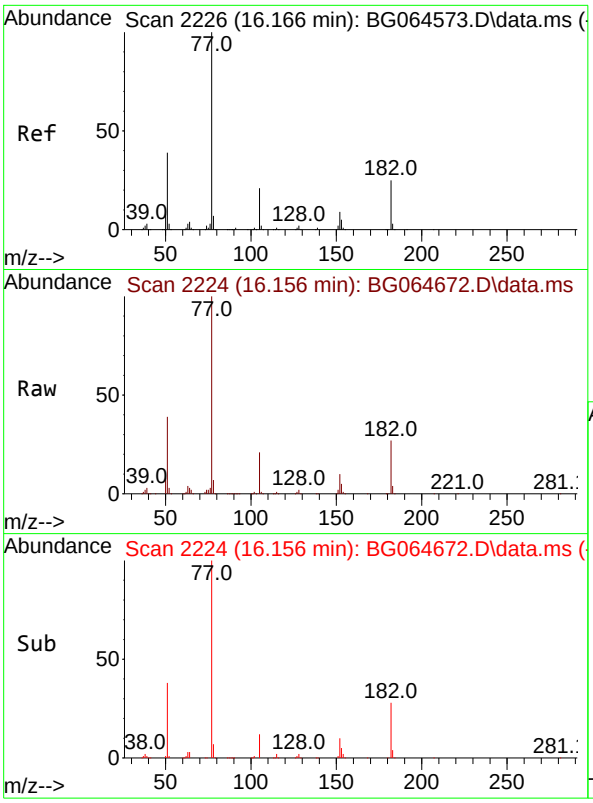


#62
4-Nitroaniline
Concen: 46.657 ng
RT: 15.880 min Scan# 2177
Delta R.T. -0.004 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:138 Resp: 67624

Ion	Ratio	Lower	Upper
138	100		
92	49.0	36.1	76.1
108	104.0	75.6	115.6



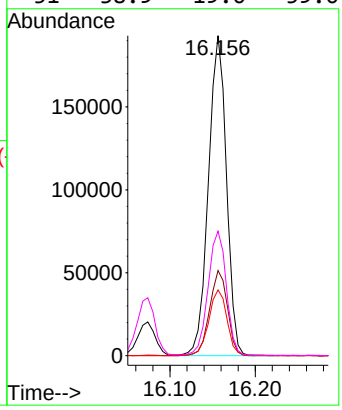


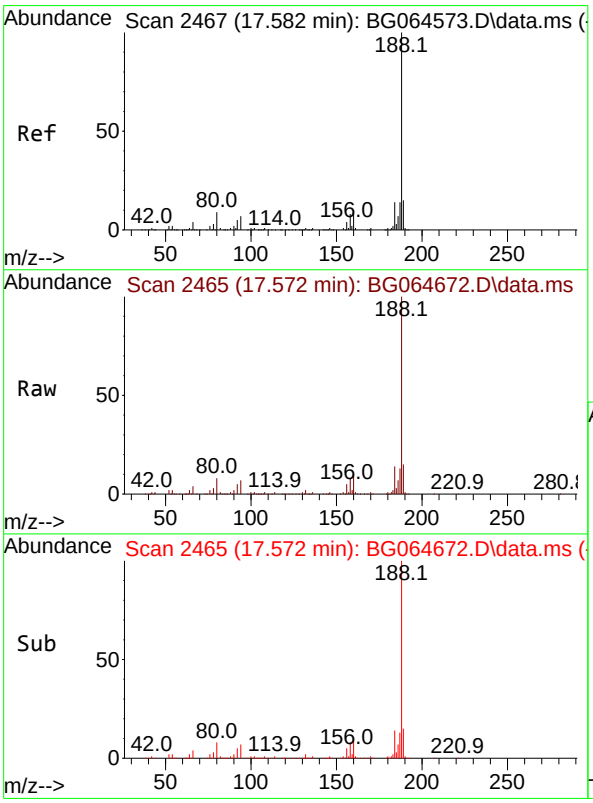
#63
Azobenzene
Concen: 39.981 ng
RT: 16.156 min Scan# 2
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 283949

Ion	Ratio	Lower	Upper
77	100		
182	26.6	4.9	44.9
105	20.5	1.3	41.3
51	38.9	19.0	59.0

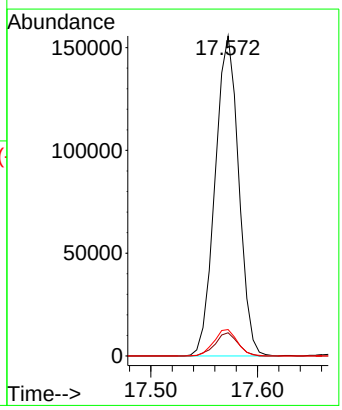


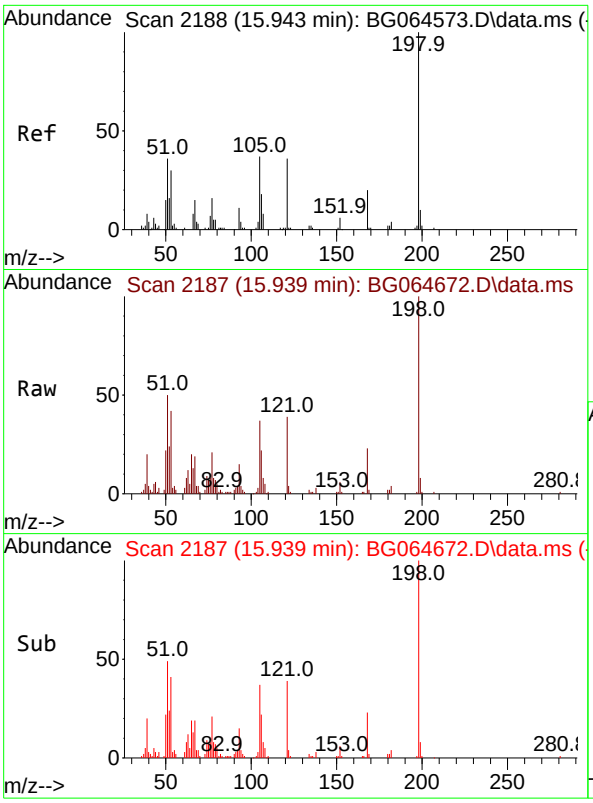


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.572 min Scan# 2465
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:188 Resp: 239125

Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.7	8.5
80	8.2	6.8	10.2



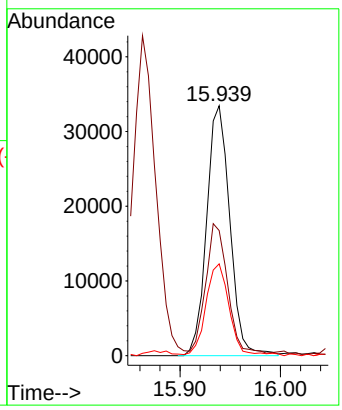


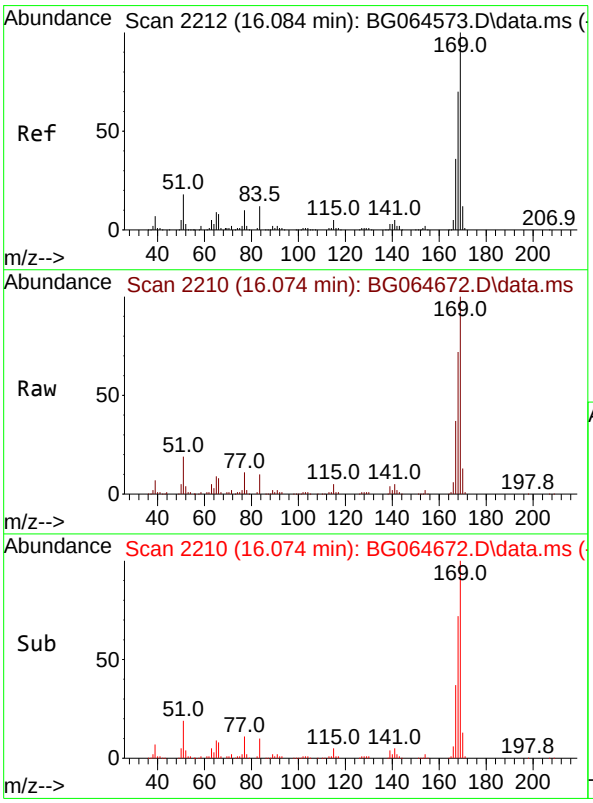
#65
4,6-Dinitro-2-methylphenol
Concen: 50.767 ng
RT: 15.939 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 53789

Ion	Ratio	Lower	Upper
198	100		
51	50.0	24.7	64.7
105	36.7	18.0	58.0

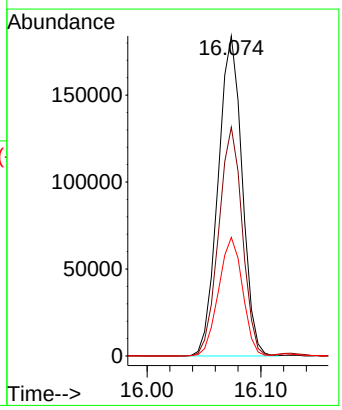


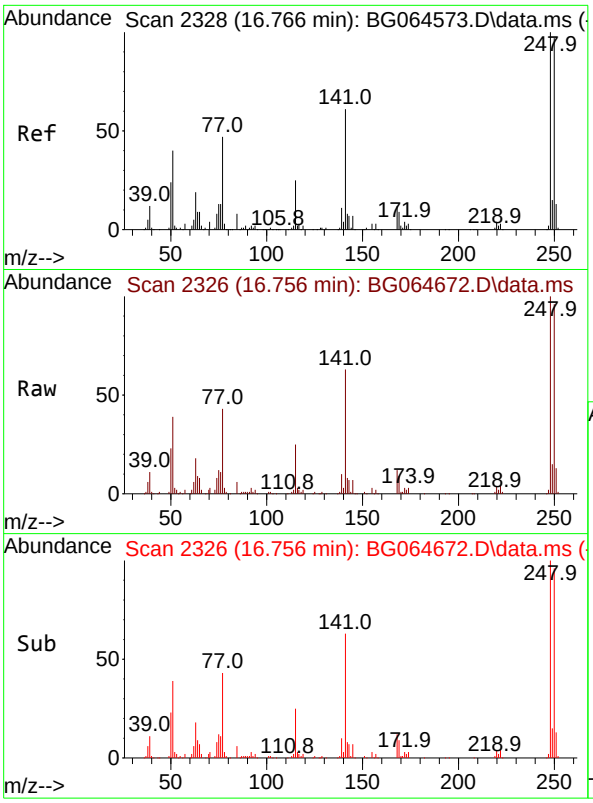


#66
n-Nitrosodiphenylamine
Concen: 41.885 ng
RT: 16.074 min Scan# 2210
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:169 Resp: 270553

Ion	Ratio	Lower	Upper
169	100		
168	71.5	56.3	84.5
167	37.0	29.0	43.6



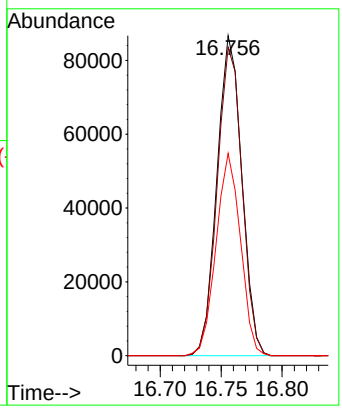


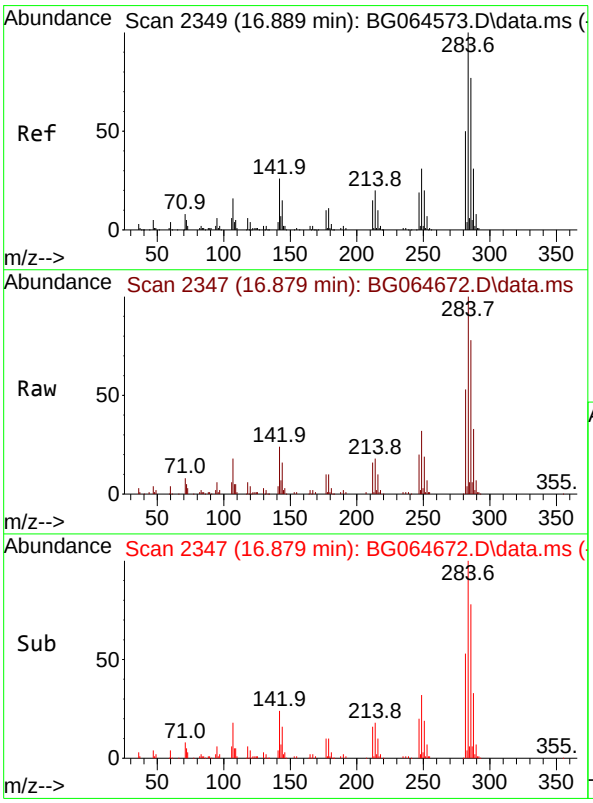
#67
4-Bromophenyl-phenylether
Concen: 43.489 ng
RT: 16.756 min Scan# 2
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 123236

Ion	Ratio	Lower	Upper
248	100		
250	96.4	77.7	116.5
141	63.2	48.6	72.8

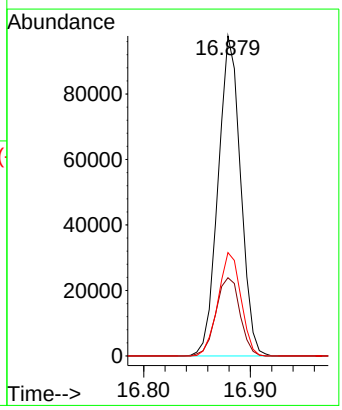


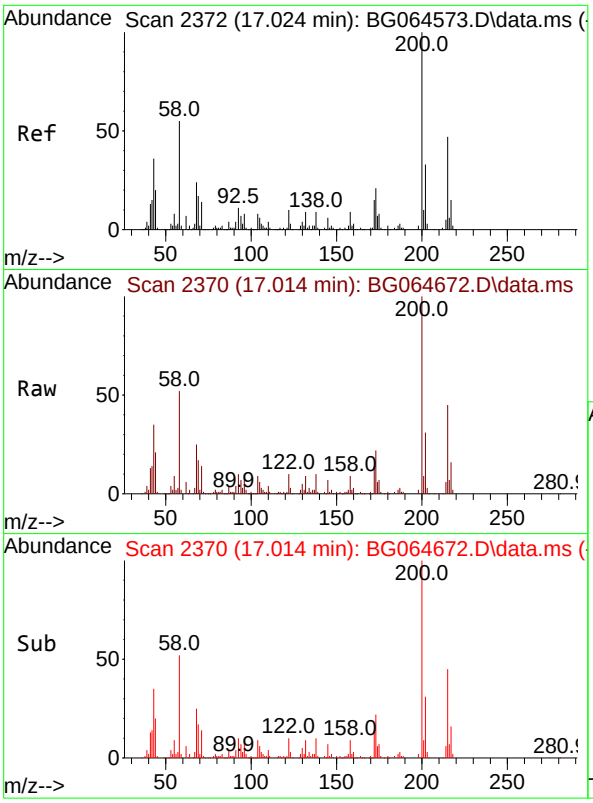


#68
Hexachlorobenzene
Concen: 44.183 ng
RT: 16.879 min Scan# 2347
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:284 Resp: 142836

Ion	Ratio	Lower	Upper
284	100		
142	24.5	21.0	31.6
249	35.1	24.9	37.3



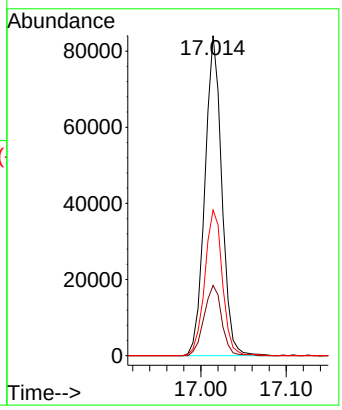


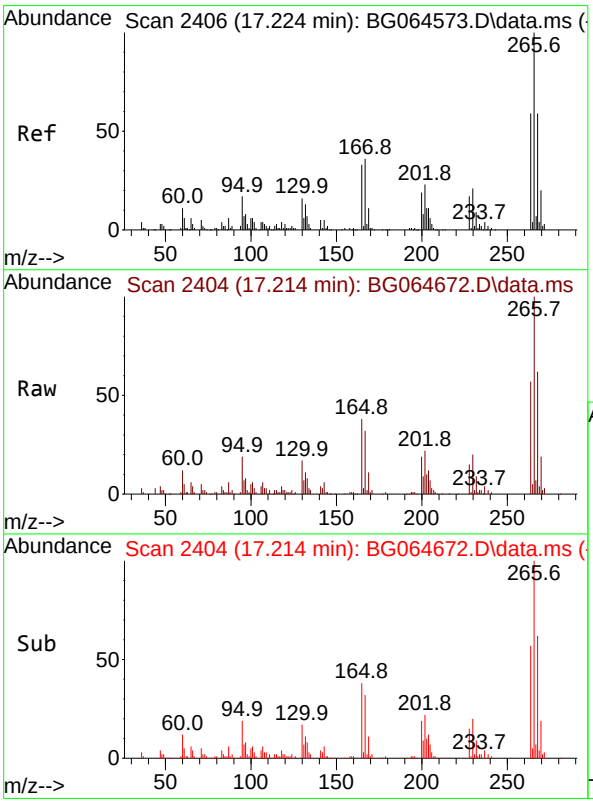
#69
Atrazine
Concen: 41.597 ng
RT: 17.014 min Scan# 2
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 115628

Ion	Ratio	Lower	Upper
200	100		
173	22.0	0.9	40.9
215	45.5	27.0	67.0

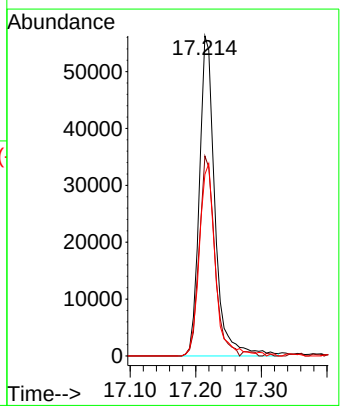


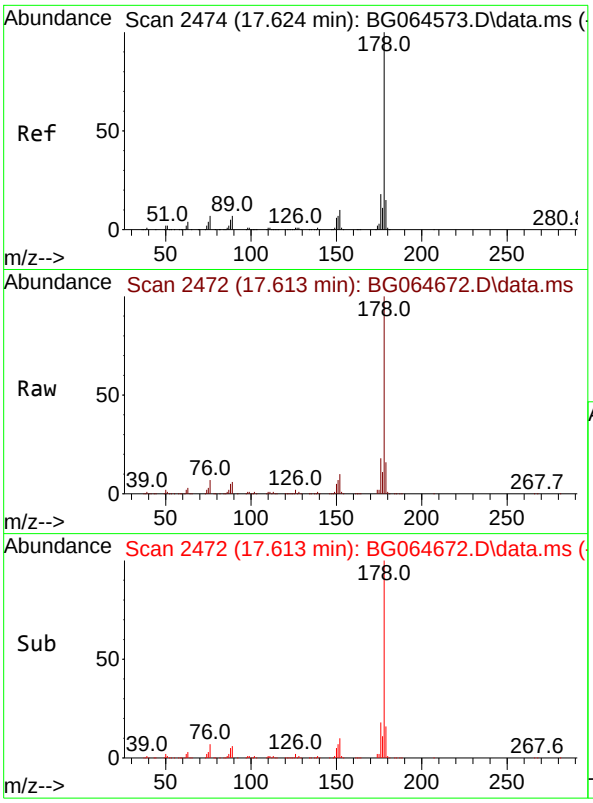


#70
Pentachlorophenol
Concen: 46.238 ng
RT: 17.214 min Scan# 2404
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:266 Resp: 93212

Ion	Ratio	Lower	Upper
266	100		
268	66.6	50.3	75.5
264	56.7	47.3	70.9



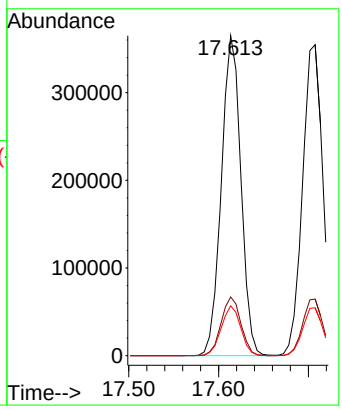


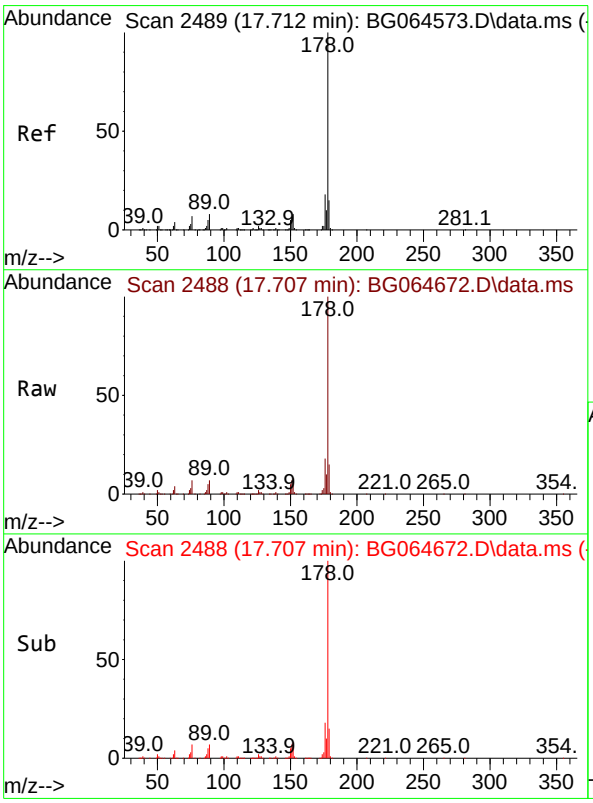
#71
Phenanthrene
Concen: 42.178 ng
RT: 17.613 min Scan# 24
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 551558

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.7	22.1
179	15.6	12.2	18.4

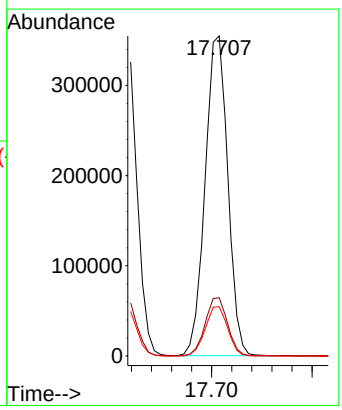


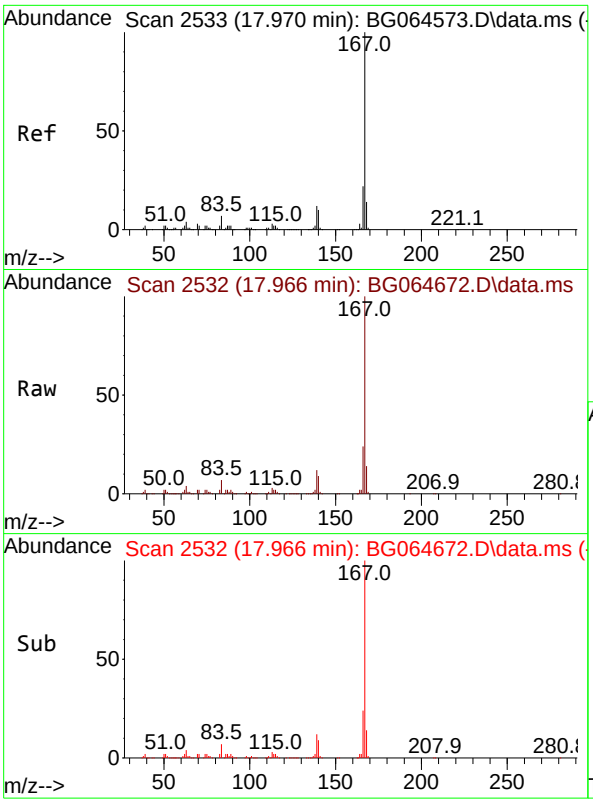


#72
Anthracene
Concen: 41.818 ng
RT: 17.707 min Scan# 2488
Delta R.T. -0.004 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:178 Resp: 556268

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.4	21.6
179	15.4	12.4	18.6



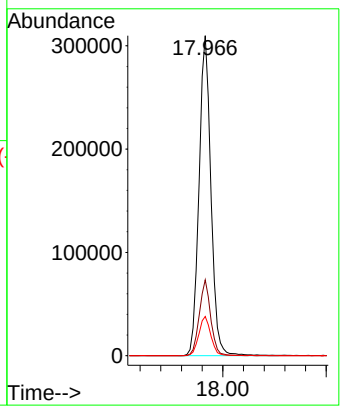


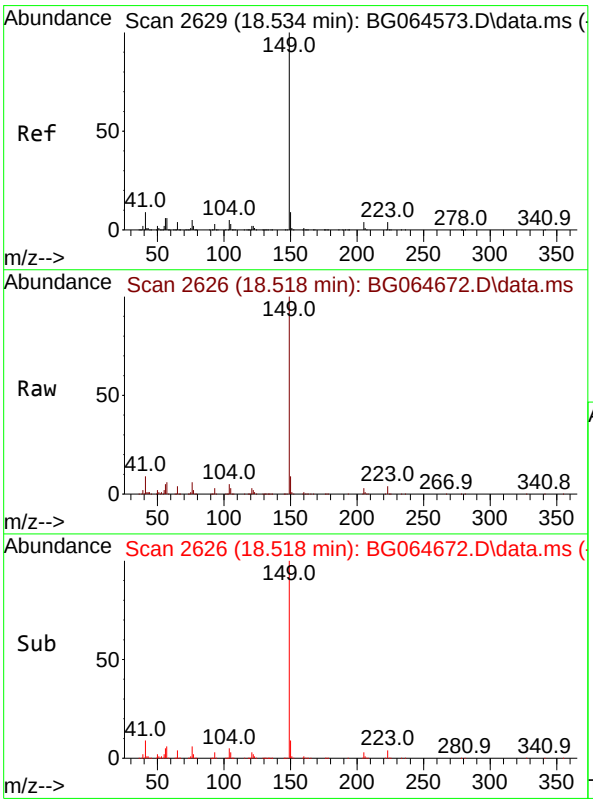
#73
Carbazole
Concen: 42.055 ng
RT: 17.966 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 493303

Ion	Ratio	Lower	Upper
167	100		
166	23.7	17.9	26.9
139	12.3	9.7	14.5

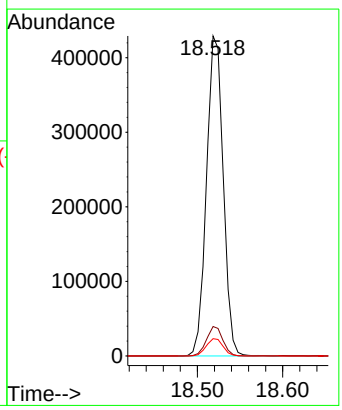


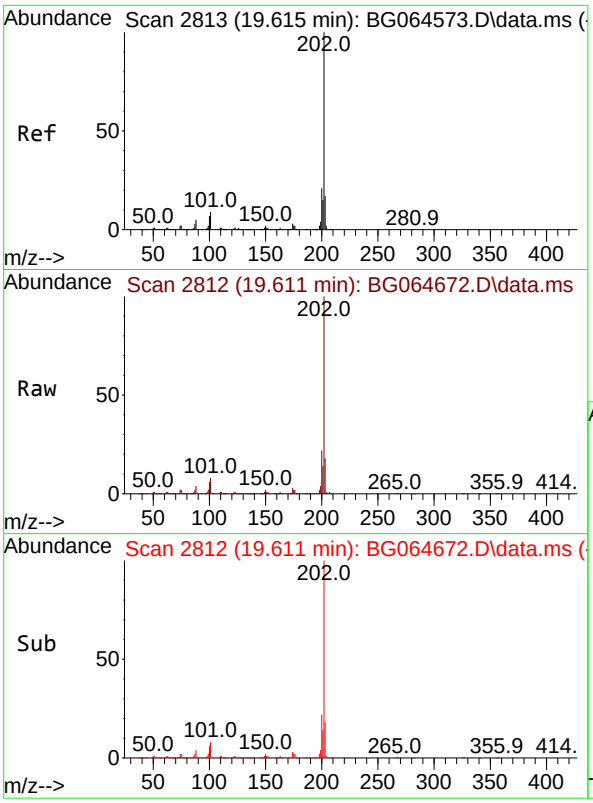


#74
Di-n-butylphthalate
Concen: 43.058 ng
RT: 18.518 min Scan# 2626
Delta R.T. -0.016 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:149 Resp: 584049

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.0	10.6
104	5.4	4.1	6.1



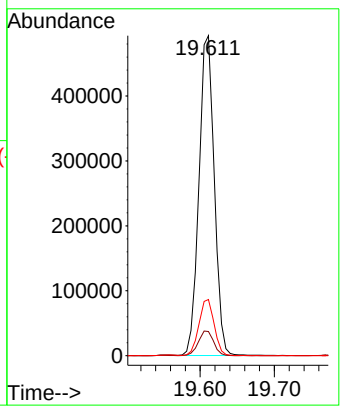


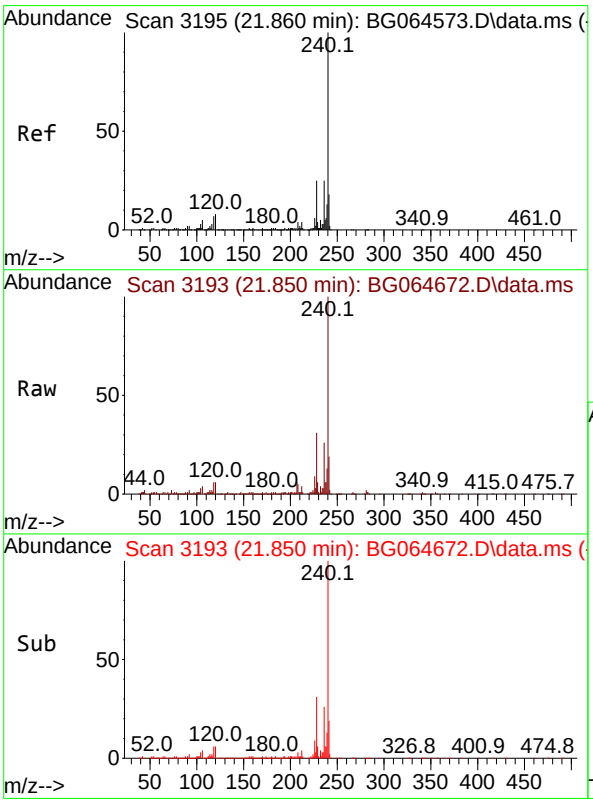
#75
Fluoranthene
Concen: 43.270 ng
RT: 19.611 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 708849

Ion	Ratio	Lower	Upper
202	100		
101	7.5	0.0	28.7
203	17.6	0.0	37.0

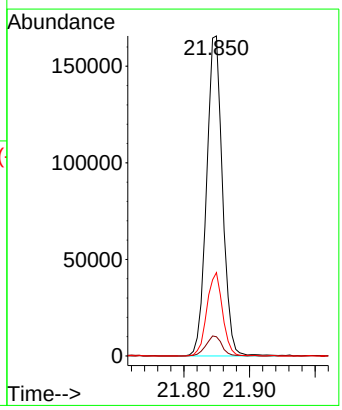


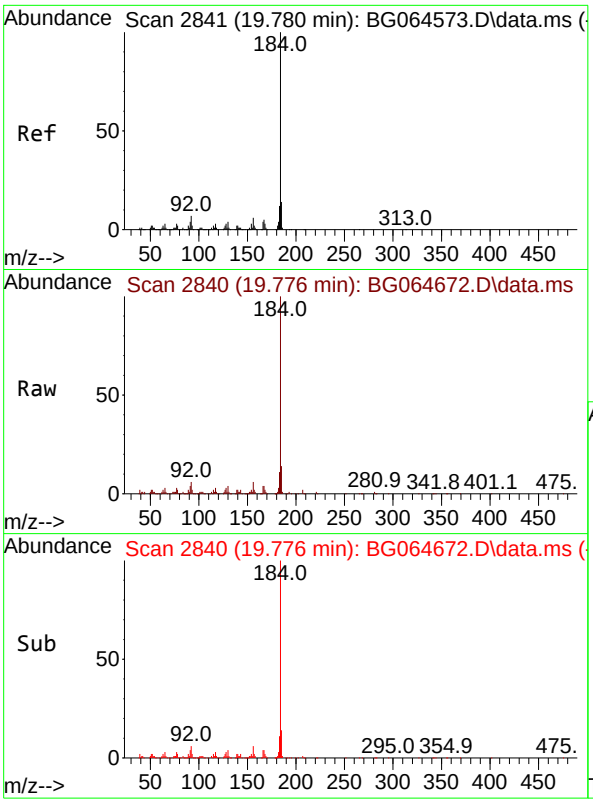


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.850 min Scan# 3193
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:240 Resp: 279624

Ion	Ratio	Lower	Upper
240	100		
120	6.0	6.5	9.7#
236	26.1	20.2	30.2



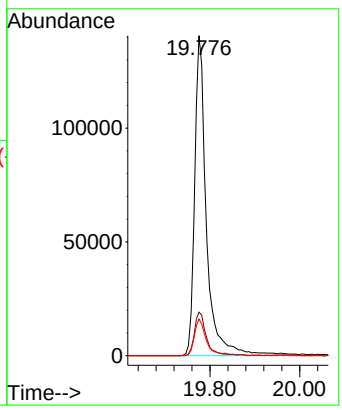


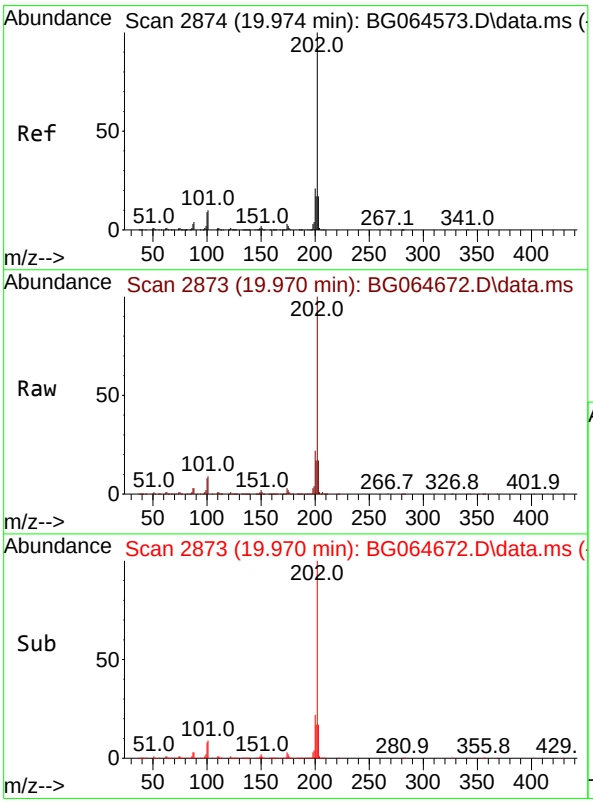
#77
Benzidine
Concen: 40.759 ng
RT: 19.776 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 255343

Ion	Ratio	Lower	Upper
184	100		
185	13.6	11.4	17.2
183	11.5	9.4	14.2

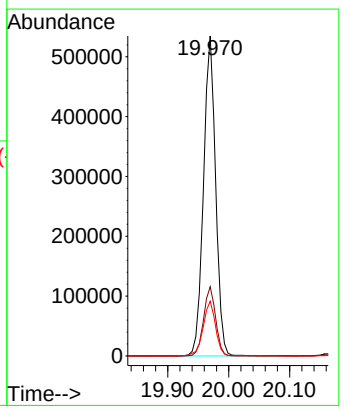


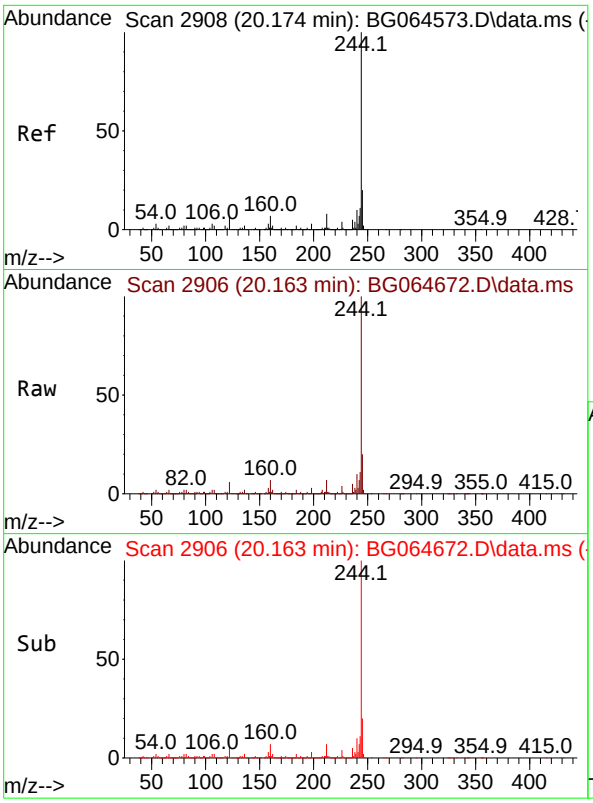


#78
Pyrene
Concen: 40.556 ng
RT: 19.970 min Scan# 2873
Delta R.T. -0.004 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:202 Resp: 740926

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.0	25.4
203	17.1	13.8	20.6



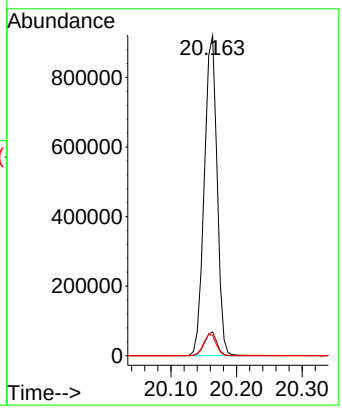


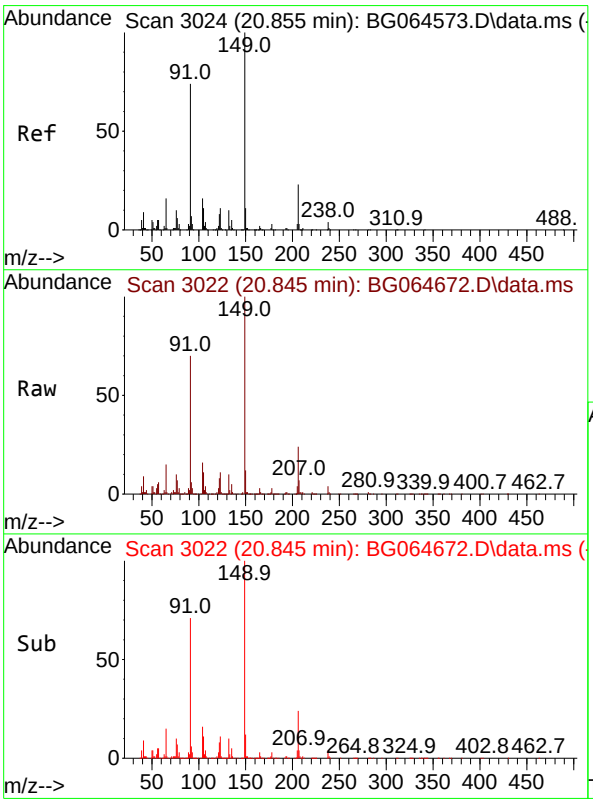
#79
Terphenyl-d14
Concen: 84.242 ng
RT: 20.163 min Scan# 2
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 1248220

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	6.3	5.6	8.4

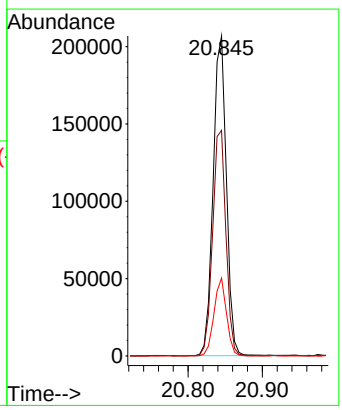


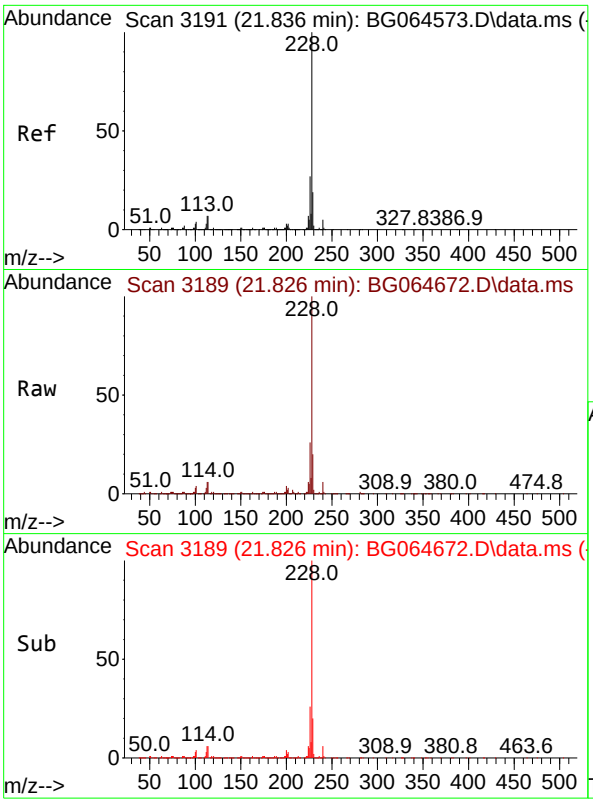


#80
Butylbenzylphthalate
Concen: 46.264 ng
RT: 20.845 min Scan# 3022
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:149 Resp: 255451

Ion	Ratio	Lower	Upper
149	100		
91	70.5	59.2	88.8
206	24.3	18.1	27.1



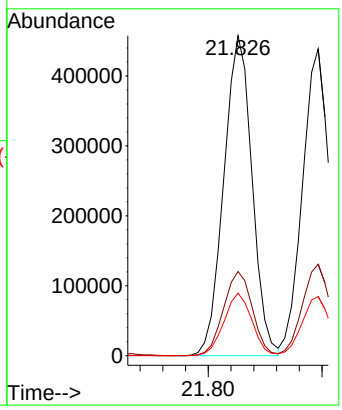


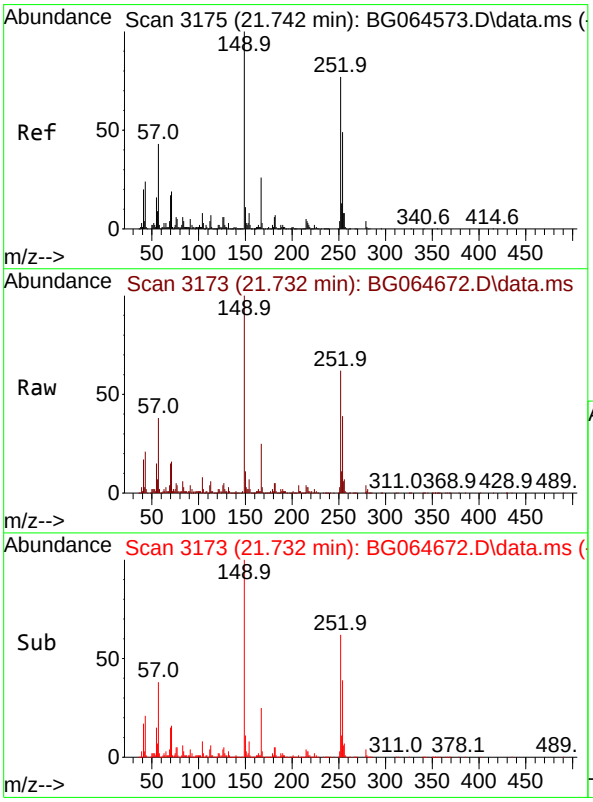
#81
Benzo(a)anthracene
Concen: 42.655 ng
RT: 21.826 min Scan# 3
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 790852

Ion	Ratio	Lower	Upper
228	100		
226	26.3	21.9	32.9
229	19.6	15.6	23.4

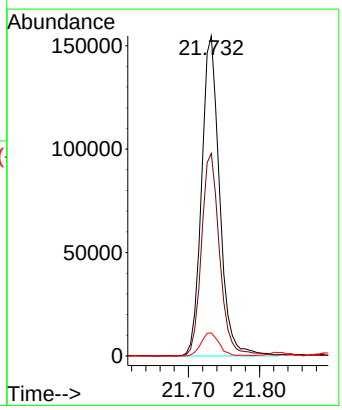


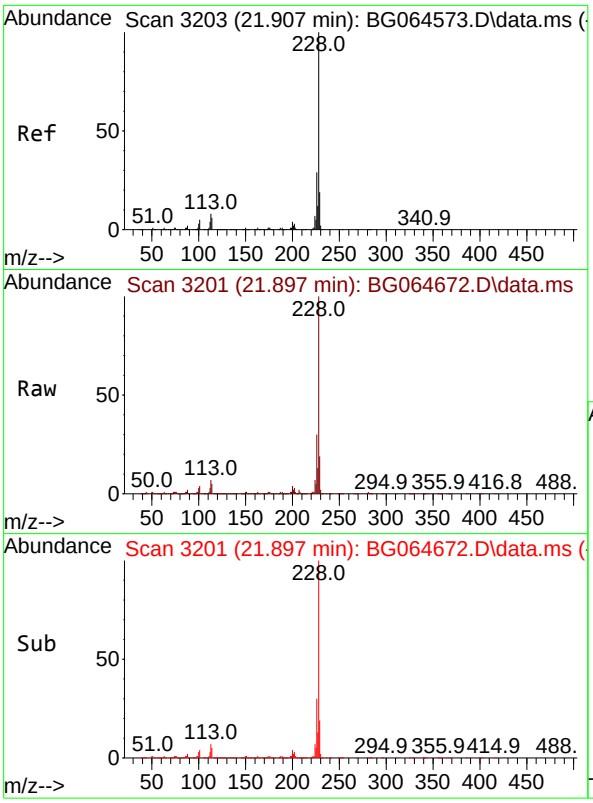


#82
3,3'-Dichlorobenzidine
Concen: 44.105 ng
RT: 21.732 min Scan# 3173
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:252 Resp: 273071

Ion	Ratio	Lower	Upper
252	100		
254	63.3	50.8	76.2
126	7.2	5.8	8.6



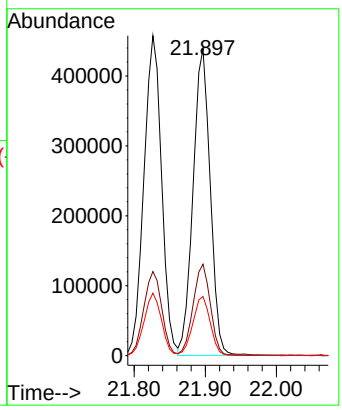


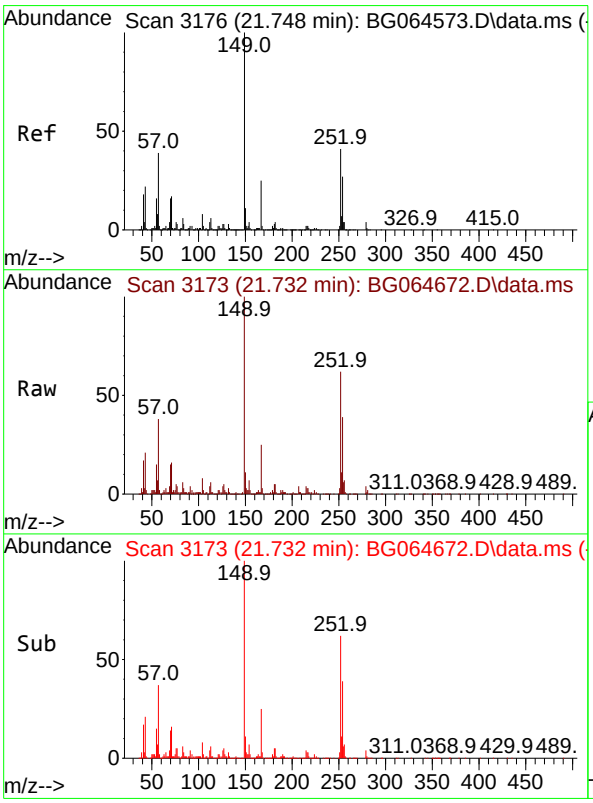
#83
Chrysene
Concen: 41.835 ng
RT: 21.897 min Scan# 3
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 738048

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.3	34.9
229	19.3	15.2	22.8

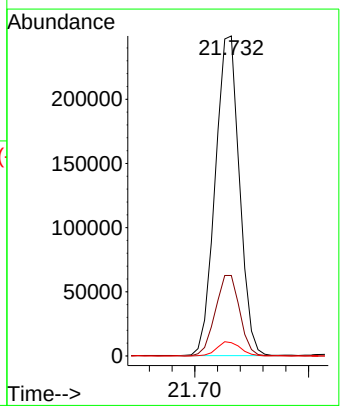


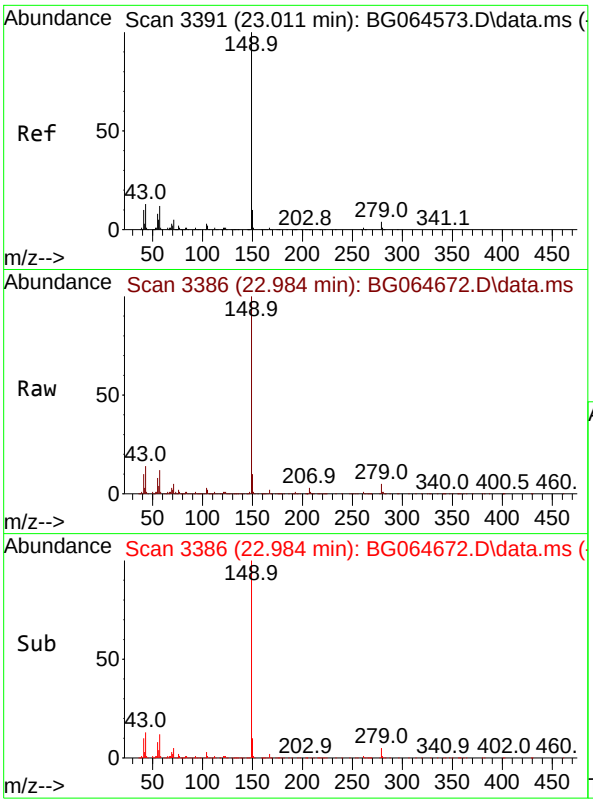


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.617 ng
RT: 21.732 min Scan# 3173
Delta R.T. -0.016 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:149 Resp: 368117

Ion	Ratio	Lower	Upper
149	100		
167	25.2	20.0	30.0
279	4.2	3.1	4.7



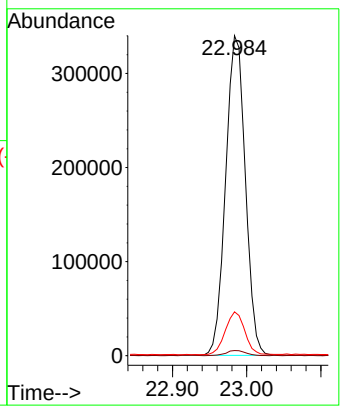


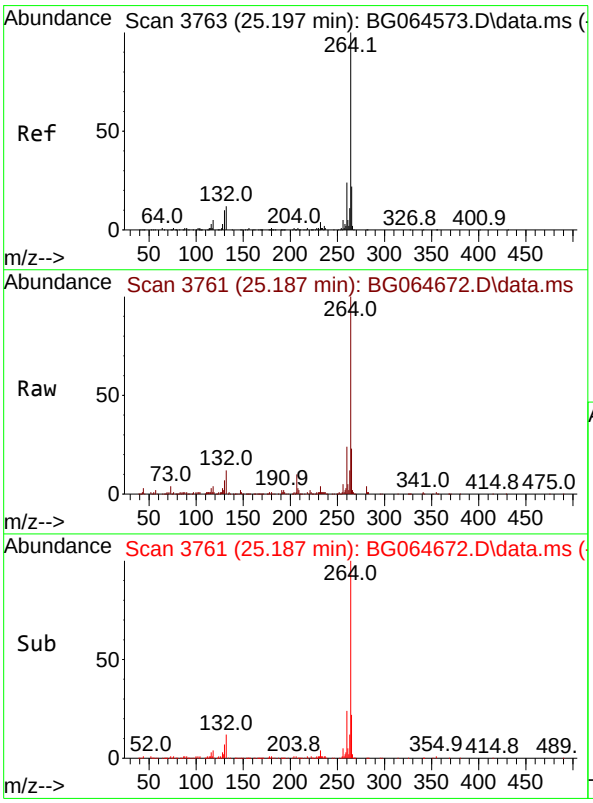
#85
Di-n-octyl phthalate
Concen: 44.998 ng
RT: 22.984 min Scan# 3
Delta R.T. -0.028 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 625946

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	13.3	10.8	16.2

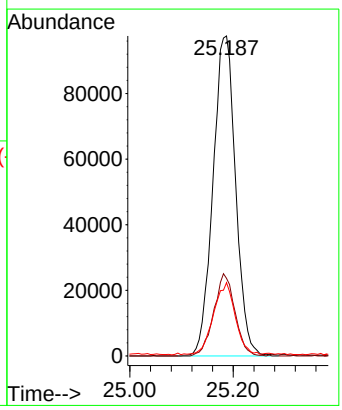


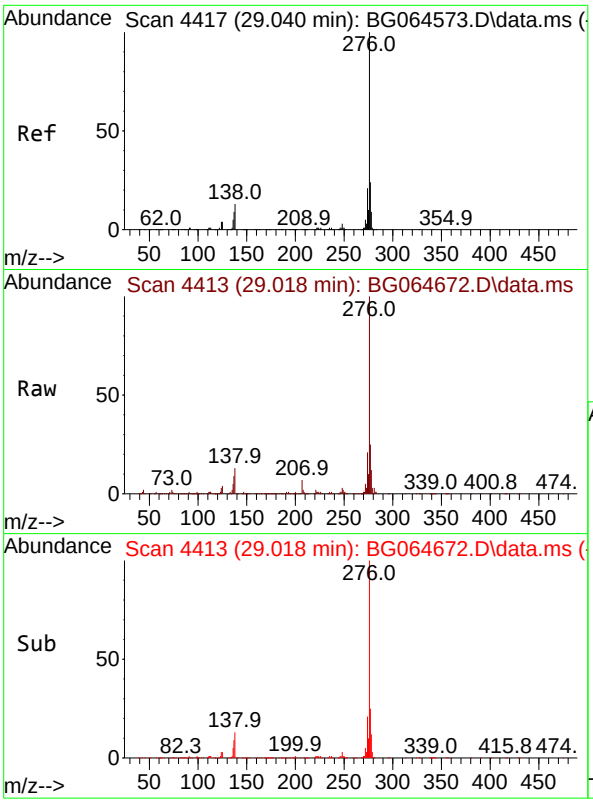


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.187 min Scan# 3761
Delta R.T. -0.010 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:264 Resp: 296512

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.4
265	22.9	17.6	26.4



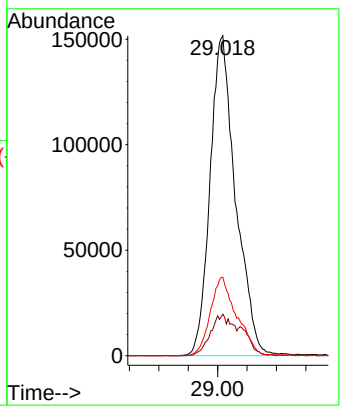


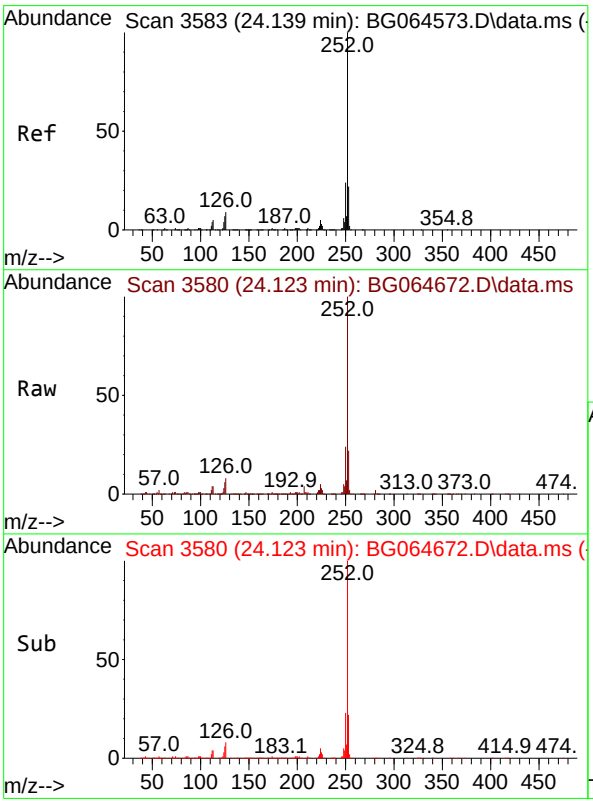
#87
Indeno(1,2,3-cd)pyrene
Concen: 41.975 ng
RT: 29.018 min Scan# 4
Delta R.T. -0.022 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 915587

Ion	Ratio	Lower	Upper
276	100		
138	11.2	10.8	16.2
277	25.1	20.1	30.1

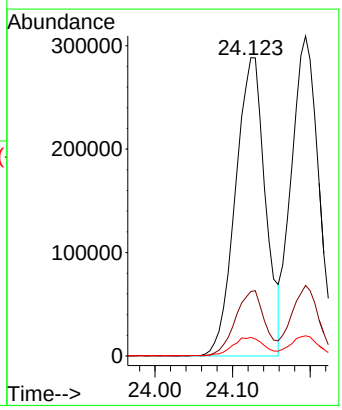


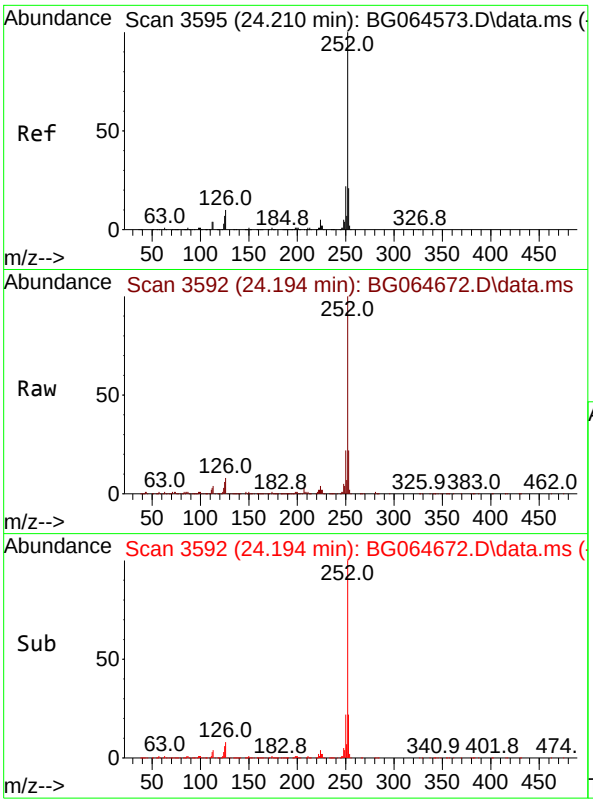


#88
Benzo(b)fluoranthene
Concen: 42.589 ng
RT: 24.123 min Scan# 3580
Delta R.T. -0.016 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:252 Resp: 774349

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.8
125	6.2	5.6	8.4



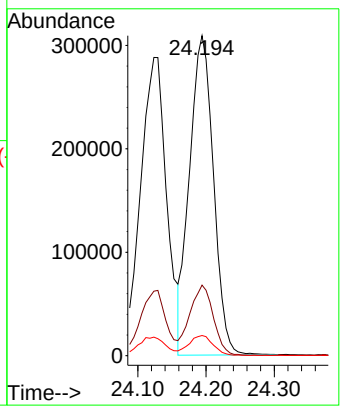


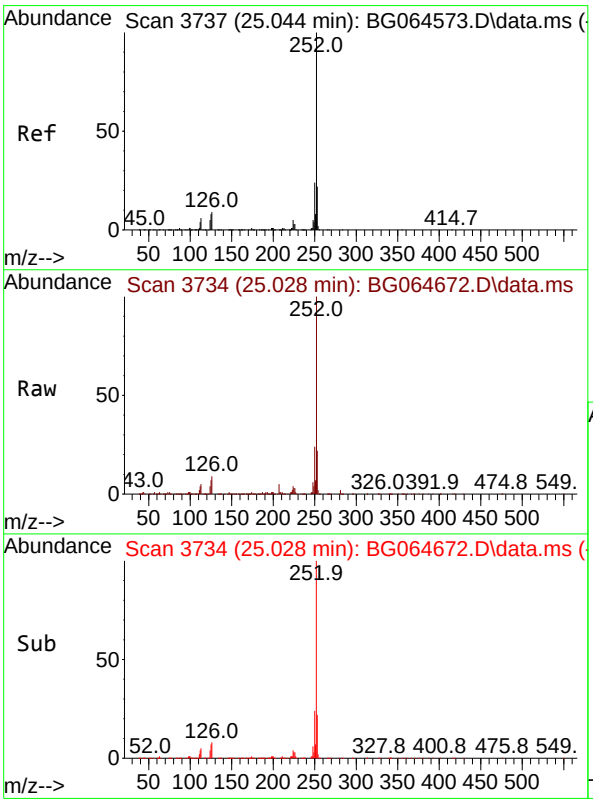
#89
Benzo(k)fluoranthene
Concen: 41.321 ng
RT: 24.194 min Scan# 3
Delta R.T. -0.016 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 751814

Ion	Ratio	Lower	Upper
252	100		
253	22.0	16.8	25.2
125	6.3	5.4	8.0

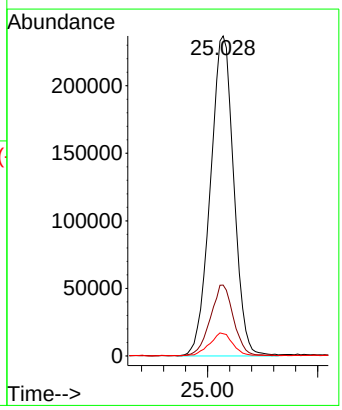


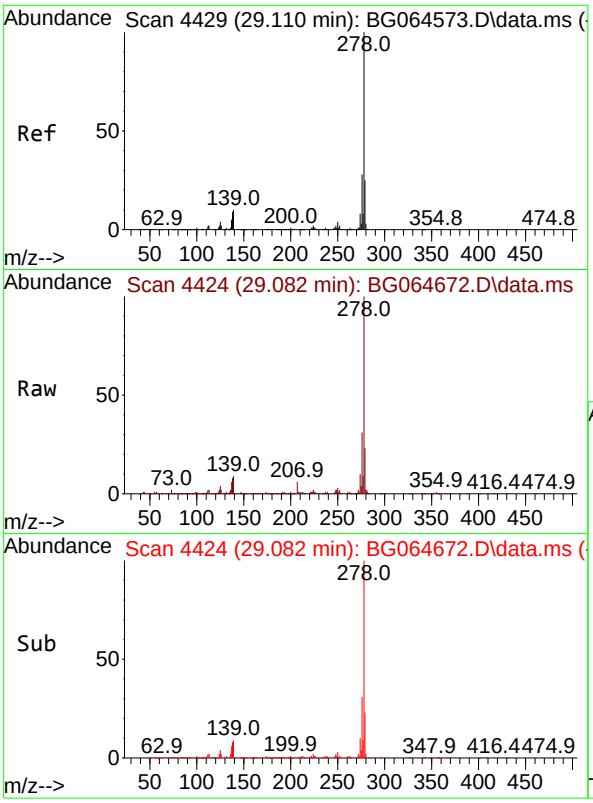


#90
Benzo(a)pyrene
Concen: 41.866 ng
RT: 25.028 min Scan# 3734
Delta R.T. -0.016 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:252 Resp: 699715

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	6.9	6.1	9.1



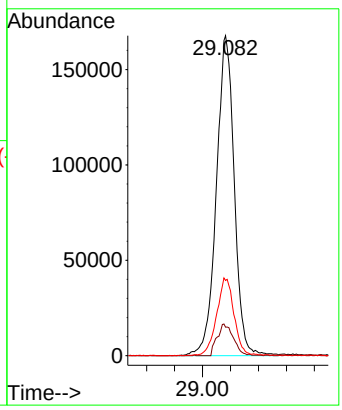


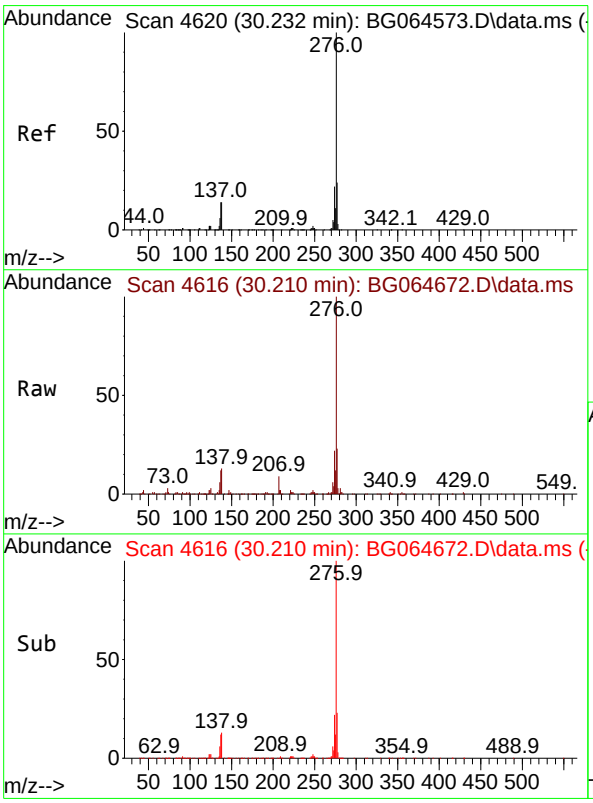
#91
Dibenzo(a,h)anthracene
Concen: 42.104 ng
RT: 29.082 min Scan# 4
Delta R.T. -0.028 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 746131

Ion	Ratio	Lower	Upper
278	100		
139	8.9	8.0	12.0
279	23.5	19.8	29.6

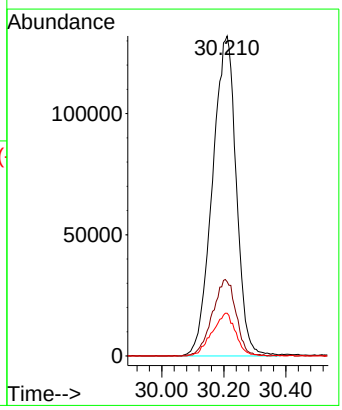




#92
Benzo(g,h,i)perylene
Concen: 41.544 ng
RT: 30.210 min Scan# 4616
Delta R.T. -0.022 min
Lab File: BG064672.D
Acq: 3 Nov 2025 14:35

Tgt Ion:276 Resp: 703279

Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.1	28.7
138	13.4	11.3	16.9



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064674.D
Acq On : 3 Nov 2025 15:57
Operator : RC/JU
Sample : PB170206BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Quant Time: Nov 04 00:42:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.211	152	31473	20.000	ng	-0.01
21) Naphthalene-d8	11.037	136	125369	20.000	ng	#-0.01
39) Acenaphthene-d10	14.833	164	100193	20.000	ng	-0.01
64) Phenanthrene-d10	17.571	188	249048	20.000	ng	-0.01
76) Chrysene-d12	21.848	240	291284	20.000	ng	#-0.01
86) Perylene-d12	25.180	264	304737	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.744	112	229522	122.407	ng	0.00
7) Phenol-d6	7.353	99	317708	123.478	ng	0.00
23) Nitrobenzene-d5	9.375	82	192861	92.397	ng	-0.01
42) 2,4,6-Tribromophenol	16.314	330	212695	147.083	ng	0.00
45) 2-Fluorobiphenyl	13.464	172	539651	81.640	ng	-0.01
79) Terphenyl-d14	20.162	244	1329926	86.163	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.570	88	25132	30.274	ng	98
3) Pyridine	3.981	79	71247	28.579	ng	98
4) n-Nitrosodimethylamine	3.887	42	51911	38.830	ng	97
6) Aniline	7.524	93	106927	30.540	ng	99
8) 2-Chlorophenol	7.771	128	90900	46.315	ng	98
9) Benzaldehyde	7.330	77	41471	29.523	ng	99
10) Phenol	7.377	94	121112	42.563	ng	97
11) bis(2-Chloroethyl)ether	7.612	93	79064	37.792	ng	94
12) 1,3-Dichlorobenzene	8.100	146	94465	41.819	ng	99
13) 1,4-Dichlorobenzene	8.246	146	98423	42.851	ng	97
14) 1,2-Dichlorobenzene	8.570	146	95596	43.150	ng	99
15) Benzyl Alcohol	8.440	79	86742	40.882	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.734	45	209680	38.209	ng	99
17) 2-Methylphenol	8.640	107	84183	44.559	ng	97
18) Hexachloroethane	9.310	117	34551	42.865	ng	98
19) n-Nitroso-di-n-propyla...	9.016	70	71836	40.398	ng	94
20) 3+4-Methylphenols	8.969	107	110029	41.413	ng	98
22) Acetophenone	9.034	105	156041	45.532	ng	93
24) Nitrobenzene	9.416	77	105476	46.460	ng	96
25) Isophorone	9.950	82	199965	39.924	ng	99
26) 2-Nitrophenol	10.133	139	44327	50.434	ng	96
27) 2,4-Dimethylphenol	10.185	122	90913	48.798	ng	94
28) bis(2-Chloroethoxy)met...	10.426	93	113256	39.715	ng	99
29) 2,4-Dichlorophenol	10.673	162	94454	47.109	ng	94
30) 1,2,4-Trichlorobenzene	10.896	180	103068	45.243	ng	96
31) Naphthalene	11.090	128	293092	42.166	ng	99
32) Benzoic acid	10.309	122	63994	45.431	ng	84
33) 4-Chloroaniline	11.184	127	56613	20.955	ng	98
34) Hexachlorobutadiene	11.378	225	78715	44.182	ng	99
35) Caprolactam	11.954	113	14835	19.291	ng	93
36) 4-Chloro-3-methylphenol	12.289	107	110767	45.960	ng	96
37) 2-Methylnaphthalene	12.677	142	198311	38.860	ng	99
38) 1-Methylnaphthalene	12.894	142	207592	41.091	ng	95
40) 1,2,4,5-Tetrachloroben...	13.047	216	158567	47.157	ng	99
41) Hexachlorocyclopentadiene	13.029	237	192494	127.184	ng	96
43) 2,4,6-Trichlorophenol	13.270	196	97561	50.723	ng	95

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064674.D
Acq On : 3 Nov 2025 15:57
Operator : RC/JU
Sample : PB170206BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Quant Time: Nov 04 00:42:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.341	196	109490	49.329	ng		98
46) 1,1'-Biphenyl	13.670	154	337726	47.413	ng		97
47) 2-Chloronaphthalene	13.717	162	230325	42.838	ng		99
48) 2-Nitroaniline	13.905	65	83771	46.518	ng		94
49) Acenaphthylene	14.557	152	422008	49.761	ng		99
50) Dimethylphthalate	14.281	163	336584	43.902	ng		100
51) 2,6-Dinitrotoluene	14.392	165	66999	52.632	ng		95
52) Acenaphthene	14.898	154	283781	48.977	ng		99
53) 3-Nitroaniline	14.721	138	47343	35.932	ng	#	94
54) 2,4-Dinitrophenol	14.927	184	88446	111.576	ng	#	30
55) Dibenzofuran	15.232	168	407661	43.519	ng		99
56) 4-Nitrophenol	15.015	139	113539	92.945	ng		88
57) 2,4-Dinitrotoluene	15.180	165	100016	50.936	ng	#	98
58) Fluorene	15.879	166	318811	43.579	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.450	232	113530	53.489	ng		99
60) Diethylphthalate	15.638	149	344532	44.012	ng		98
61) 4-Chlorophenyl-phenyle...	15.867	204	181685	44.254	ng		99
62) 4-Nitroaniline	15.879	138	72768	49.643	ng		93
63) Azobenzene	16.155	77	304790	42.435	ng		98
65) 4,6-Dinitro-2-methylph...	15.937	198	63990	57.216	ng		92
66) n-Nitrosodiphenylamine	16.073	169	300484	44.665	ng		99
67) 4-Bromophenyl-phenylether	16.754	248	133009	45.068	ng		97
68) Hexachlorobenzene	16.883	284	155303	46.126	ng		97
69) Atrazine	17.019	200	139683	48.248	ng		98
70) Pentachlorophenol	17.218	266	207688	98.918	ng		88
71) Phenanthrene	17.612	178	602824	44.262	ng		99
72) Anthracene	17.706	178	604988	43.668	ng		99
73) Carbazole	17.965	167	547456	44.812	ng		100
74) Di-n-butylphthalate	18.517	149	625052	44.244	ng		98
75) Fluoranthene	19.610	202	782658	45.872	ng		98
77) Benzidine	19.774	184	220989	33.863	ng		98
78) Pyrene	19.968	202	810468	42.587	ng		99
80) Butylbenzylphthalate	20.843	149	282780	49.163	ng		97
81) Benzo(a)anthracene	21.825	228	863171	44.692	ng		100
82) 3,3'-Dichlorobenzidine	21.731	252	205344	31.839	ng		100
83) Chrysene	21.895	228	798229	43.435	ng		98
84) Bis(2-ethylhexyl)phtha...	21.725	149	403065	46.897	ng		99
85) Di-n-octyl phthalate	22.982	149	686767	47.394	ng		98
87) Indeno(1,2,3-cd)pyrene	29.005	276	998764	44.553	ng	#	97
88) Benzo(b)fluoranthene	24.122	252	865386	46.311	ng		98
89) Benzo(k)fluoranthene	24.192	252	855280	45.739	ng		99
90) Benzo(a)pyrene	25.027	252	812553	47.305	ng		99
91) Dibenzo(a,h)anthracene	29.081	278	829406	45.540	ng		97
92) Benzo(g,h,i)perylene	30.203	276	807697	46.425	ng		98

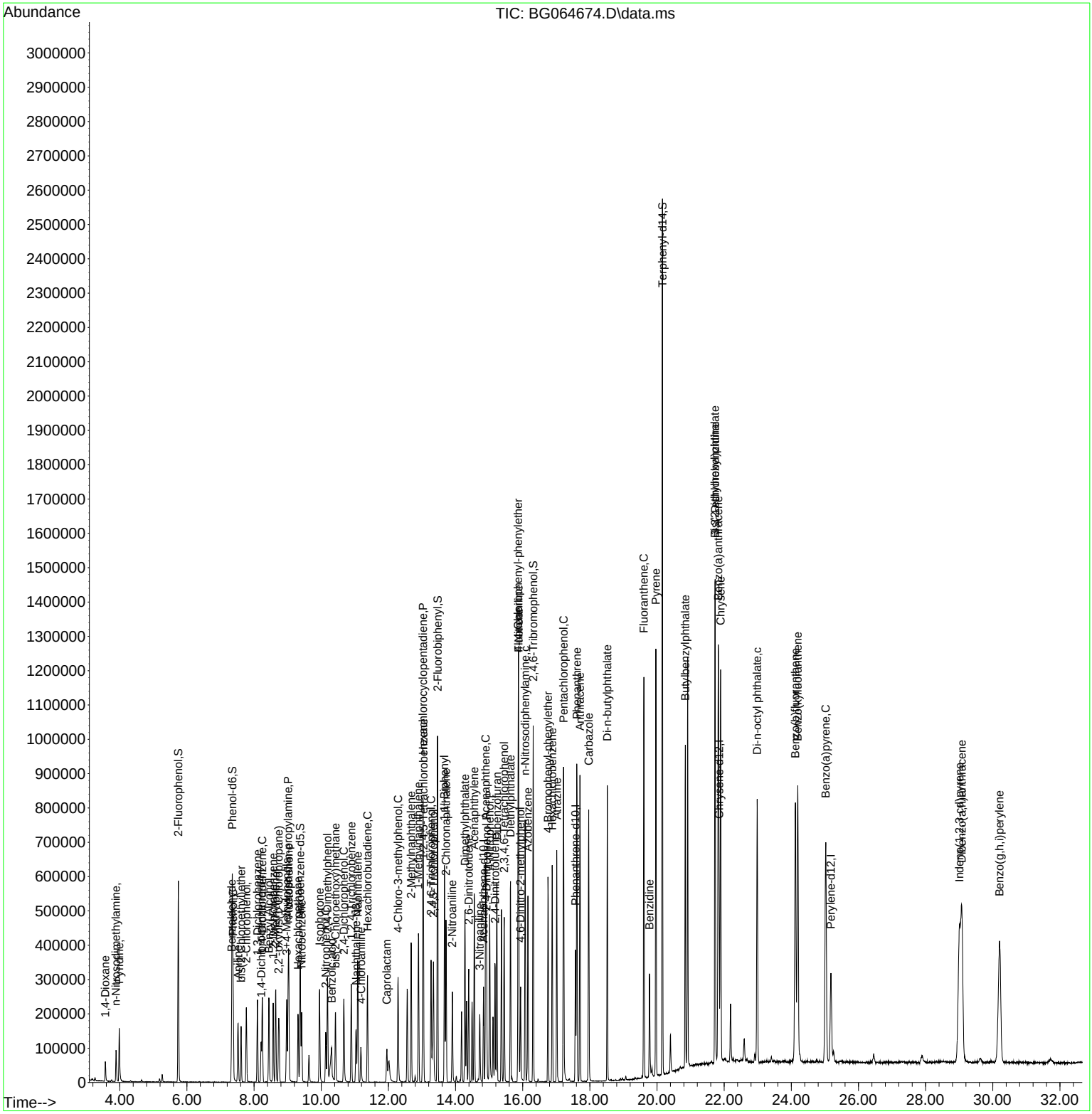
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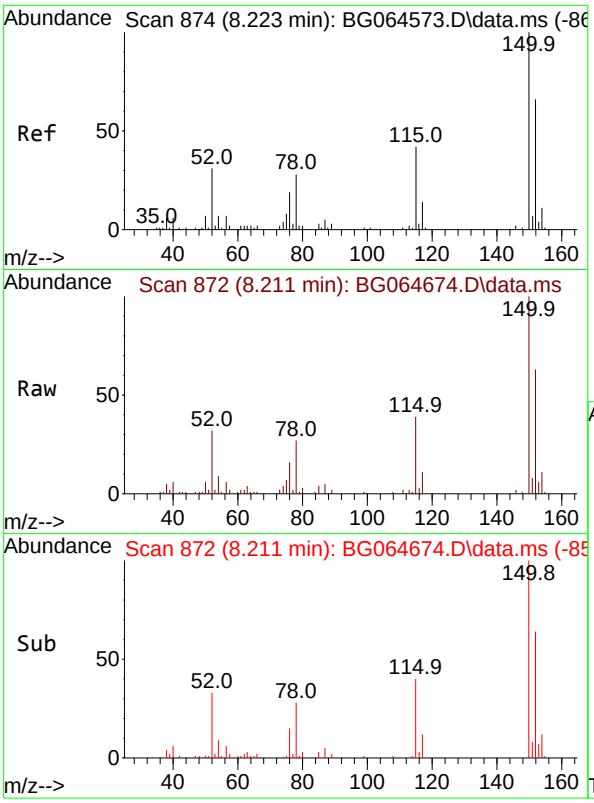
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064674.D
Acq On : 3 Nov 2025 15:57
Operator : RC/JU
Sample : PB170206BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Quant Time: Nov 04 00:42:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration



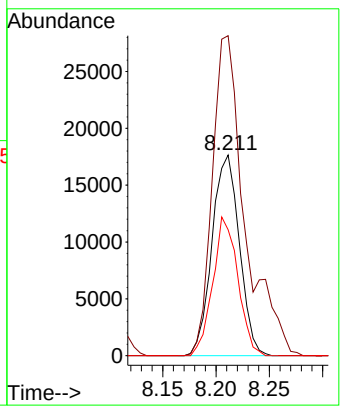


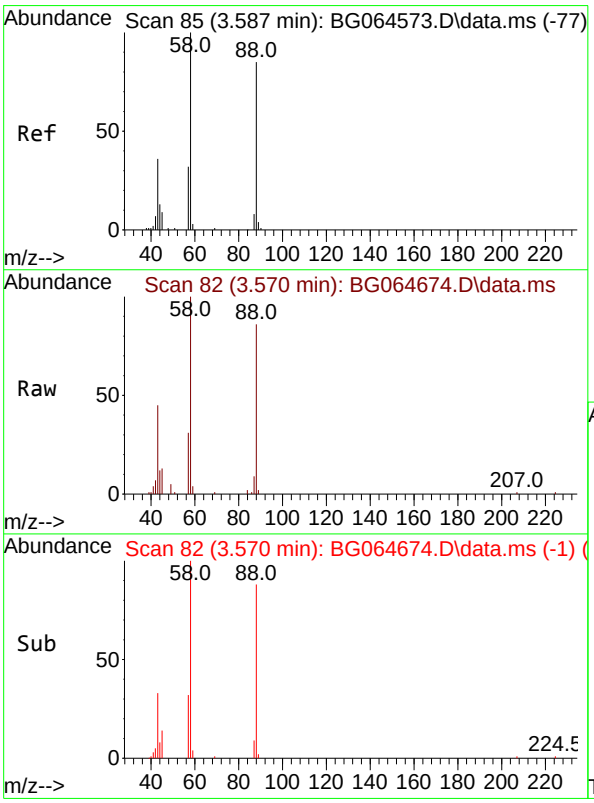
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.211 min Scan# 8
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Tgt Ion:152 Resp: 31473

Ion	Ratio	Lower	Upper
152	100		
150	159.5	122.2	183.4
115	62.8	50.8	76.2

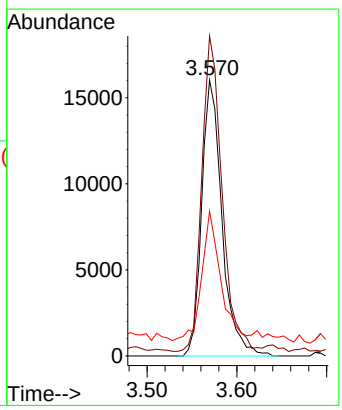


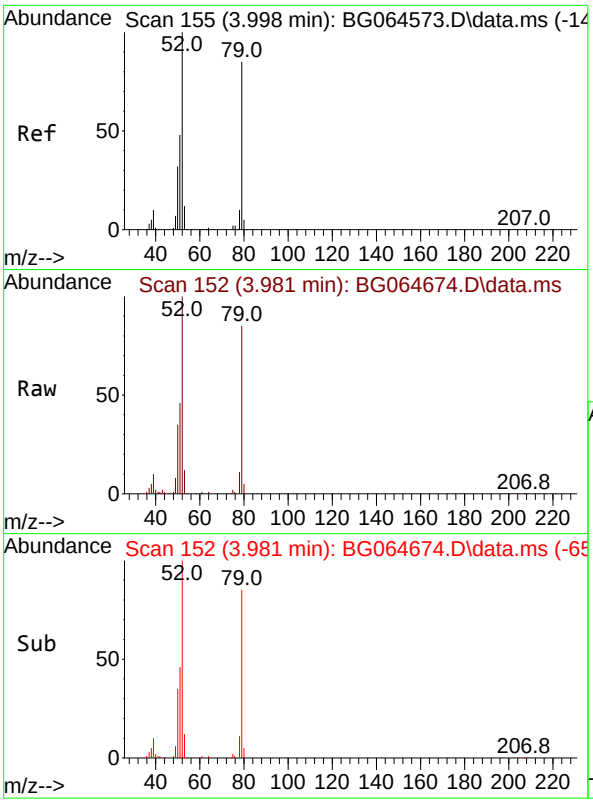


#2
1,4-Dioxane
Concen: 30.274 ng
RT: 3.570 min Scan# 82
Delta R.T. -0.017 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion: 88 Resp: 25132

Ion	Ratio	Lower	Upper
88	100		
58	113.9	92.4	138.6
43	43.4	33.0	49.6



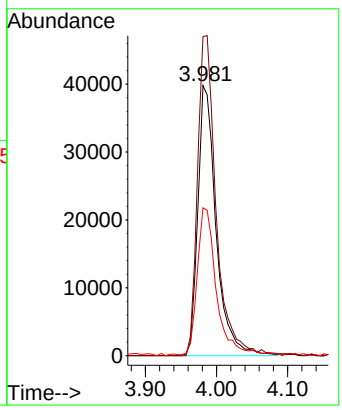


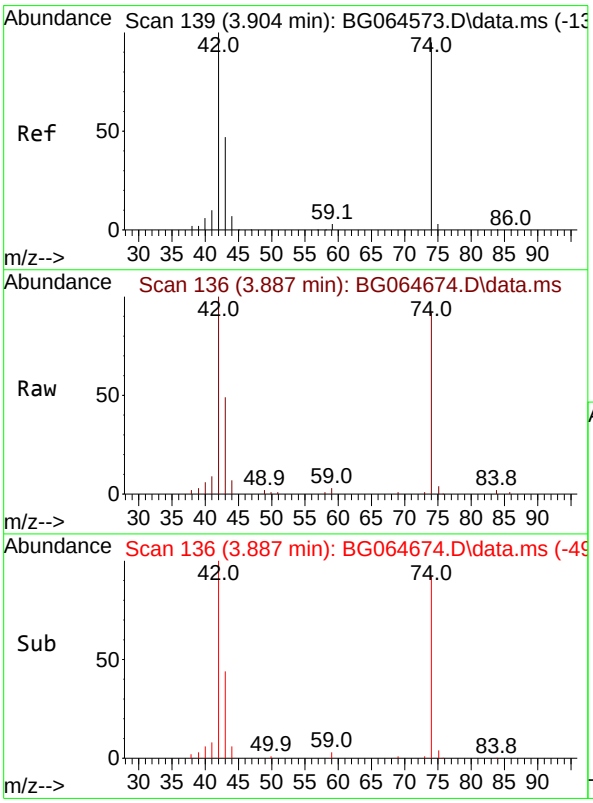
#3
Pyridine
Concen: 28.579 ng
RT: 3.981 min Scan# 1
Delta R.T. -0.017 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Tgt Ion: 79 Resp: 71247

Ion	Ratio	Lower	Upper
79	100		
52	118.2	94.2	141.2
51	54.8	46.1	69.1

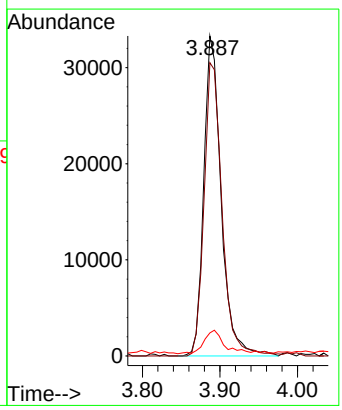


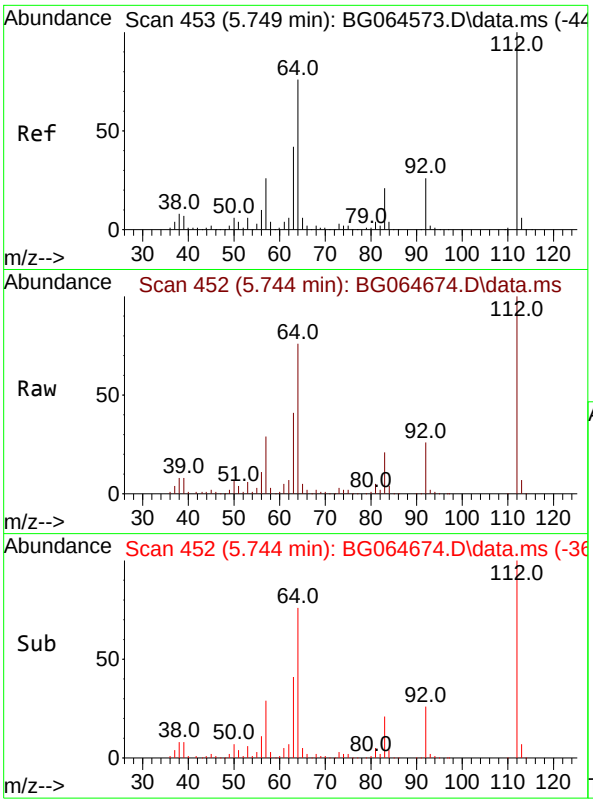


#4
n-Nitrosodimethylamine
Concen: 38.830 ng
RT: 3.887 min Scan# 136
Delta R.T. -0.018 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion: 42 Resp: 51911

Ion	Ratio	Lower	Upper
42	100		
74	91.6	76.1	114.1
44	7.2	6.3	9.5



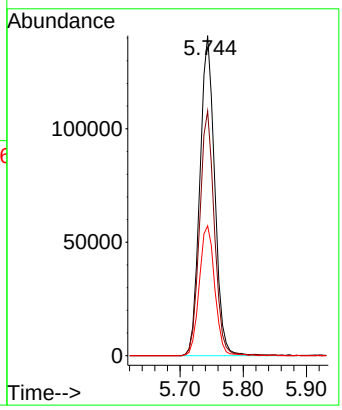


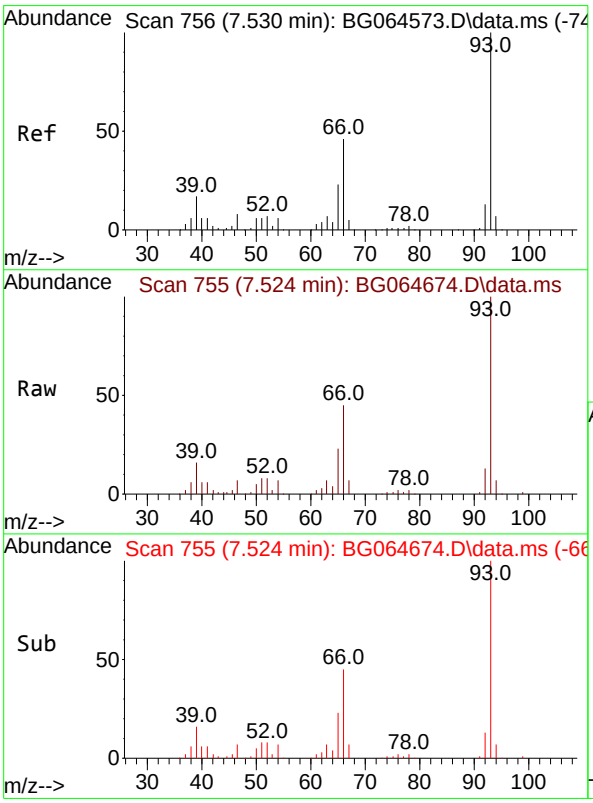
#5
2-Fluorophenol
Concen: 122.407 ng
RT: 5.744 min Scan# 4
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Tgt Ion:112 Resp: 229522

Ion	Ratio	Lower	Upper
112	100		
64	76.4	60.7	91.1
63	40.6	33.4	50.0

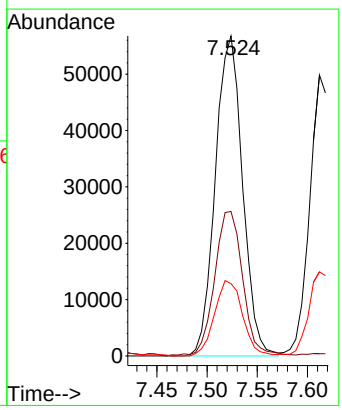


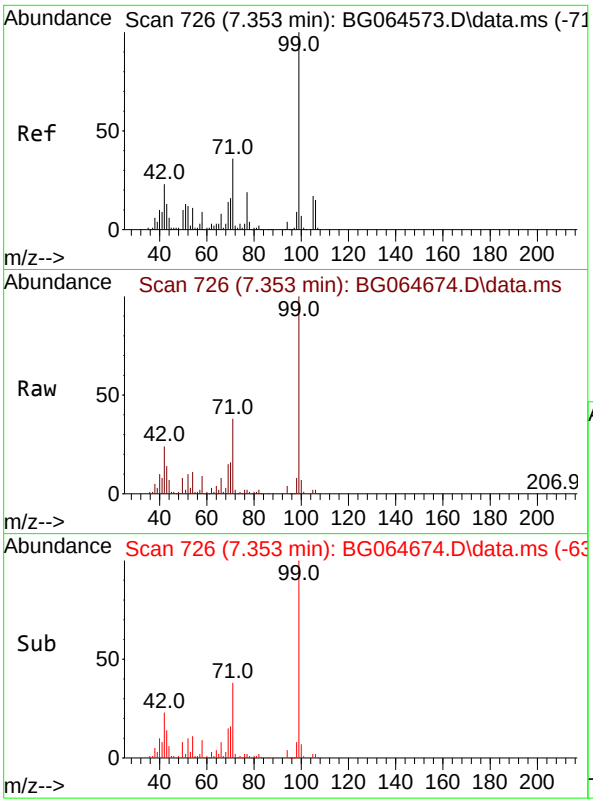


#6
Aniline
Concen: 30.540 ng
RT: 7.524 min Scan# 755
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion: 93 Resp: 106927

Ion	Ratio	Lower	Upper
93	100		
66	45.2	37.0	55.6
65	22.6	18.3	27.5



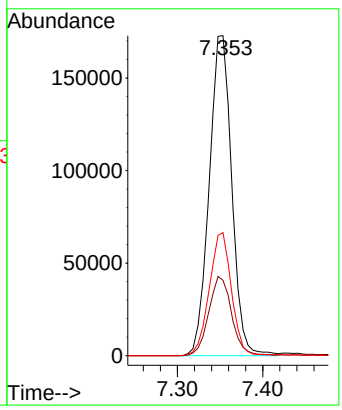


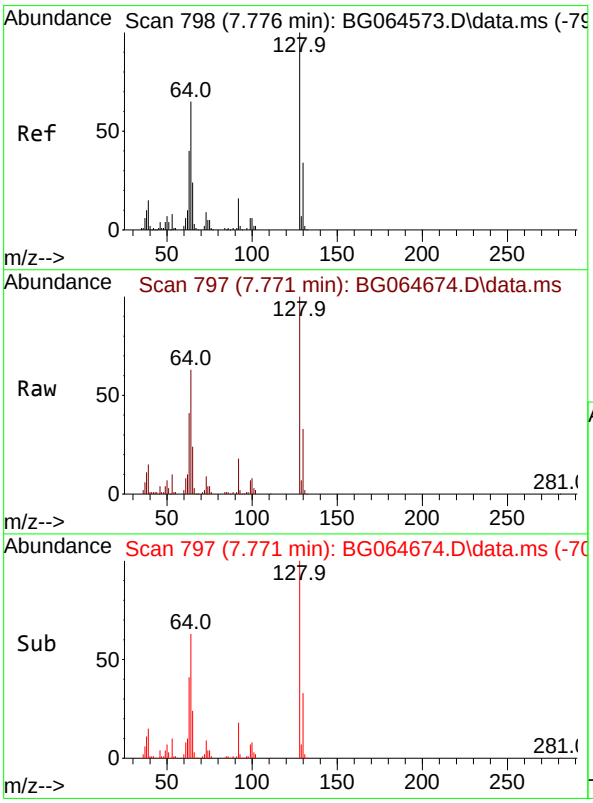
#7
Phenol-d6
Concen: 123.478 ng
RT: 7.353 min Scan# 7
Delta R.T. 0.000 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Tgt Ion: 99 Resp: 317708

Ion	Ratio	Lower	Upper
99	100		
42	23.5	18.3	27.5
71	38.5	28.6	43.0

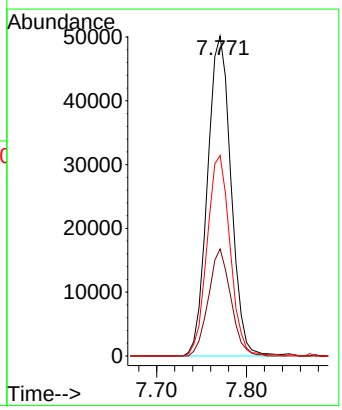


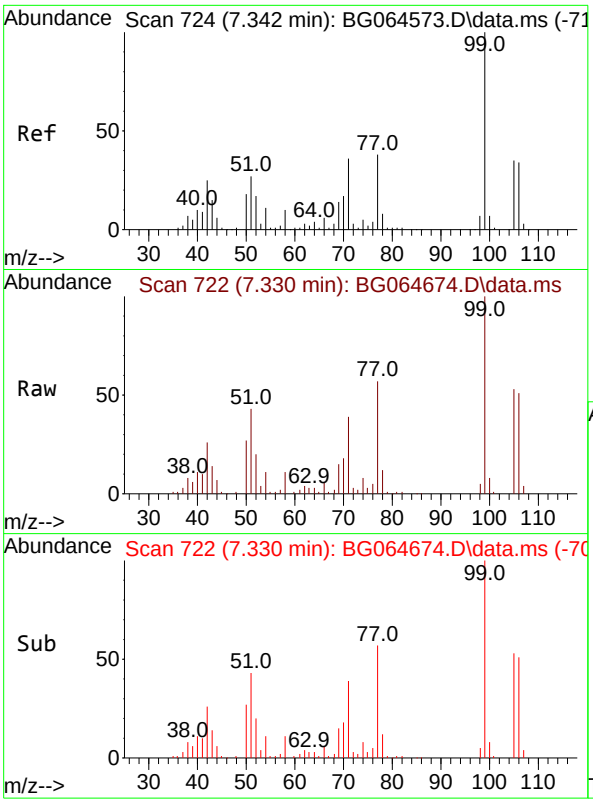


#8
2-Chlorophenol
Concen: 46.315 ng
RT: 7.771 min Scan# 797
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:128 Resp: 90900

Ion	Ratio	Lower	Upper
128	100		
130	33.4	13.5	53.5
64	62.7	45.2	85.2



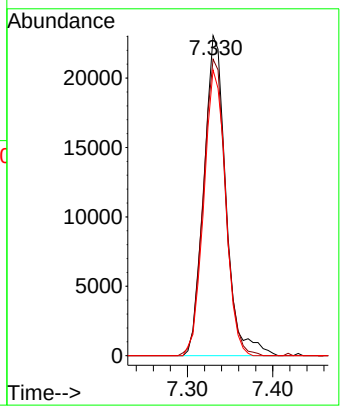


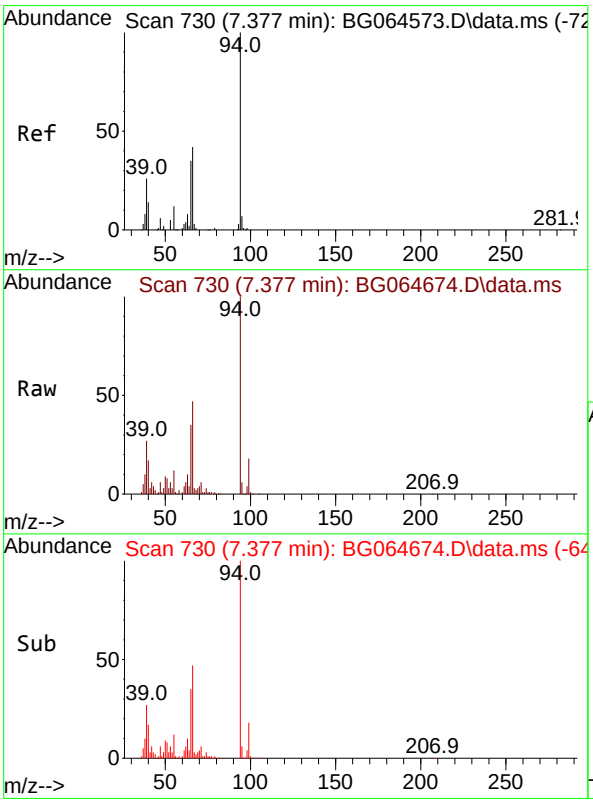
#9
Benzaldehyde
Concen: 29.523 ng
RT: 7.330 min Scan# 7
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Tgt Ion: 77 Resp: 41471

Ion	Ratio	Lower	Upper
77	100		
105	92.6	72.9	112.9
106	89.3	70.8	110.8

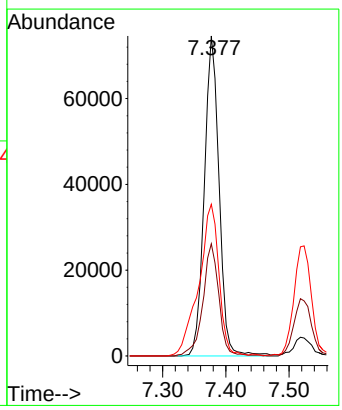


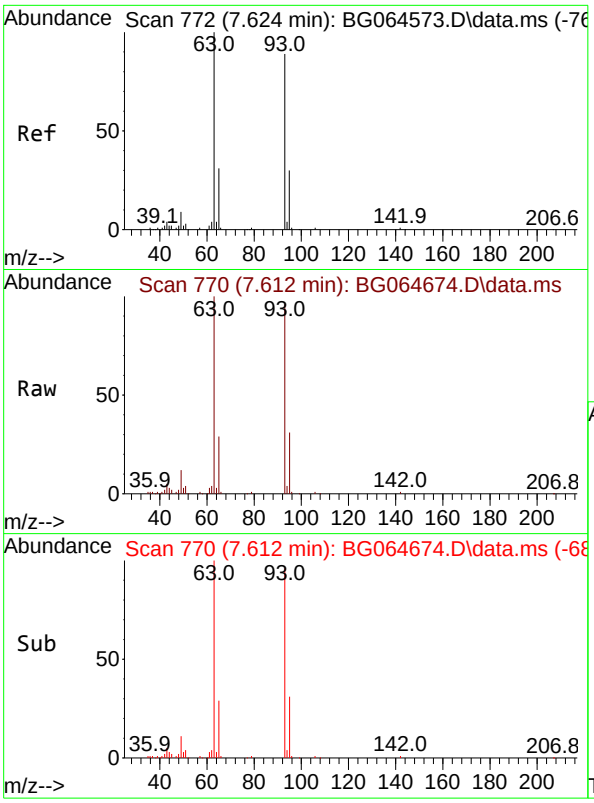


#10
Phenol
Concen: 42.563 ng
RT: 7.377 min Scan# 730
Delta R.T. 0.000 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion: 94 Resp: 121112

Ion	Ratio	Lower	Upper
94	100		
65	35.0	15.8	55.8
66	47.4	24.0	64.0



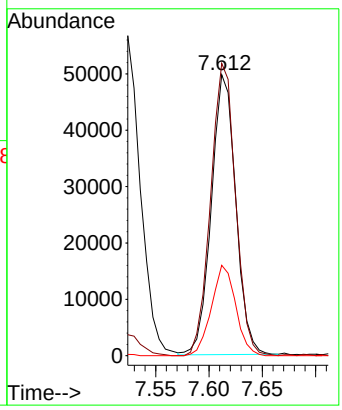


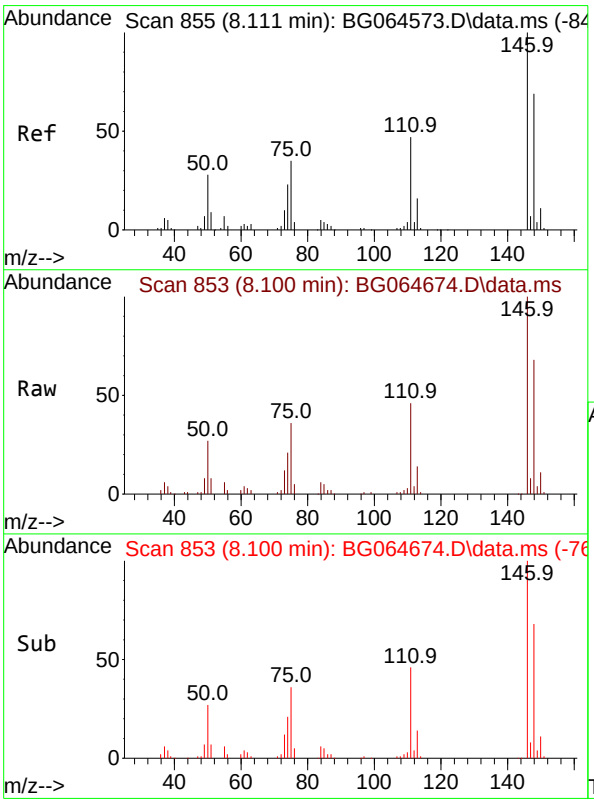
#11
bis(2-Chloroethyl)ether
Concen: 37.792 ng
RT: 7.612 min Scan# 7
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Tgt Ion: 93 Resp: 79064

Ion	Ratio	Lower	Upper
93	100		
63	104.0	91.3	131.3
95	32.2	13.3	53.3

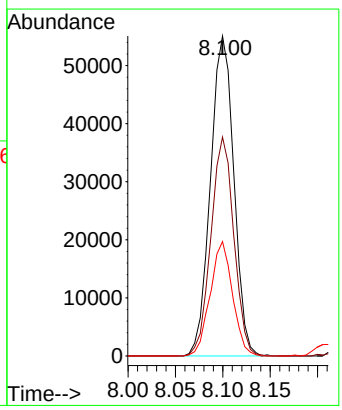


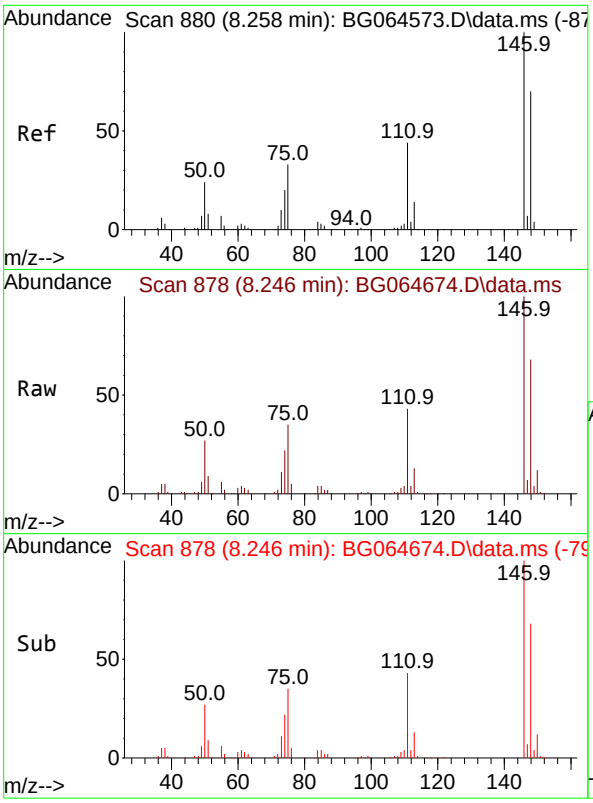


#12
1,3-Dichlorobenzene
Concen: 41.819 ng
RT: 8.100 min Scan# 853
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:146 Resp: 94465

Ion	Ratio	Lower	Upper
146	100		
148	68.4	55.3	82.9
75	35.8	28.2	42.2



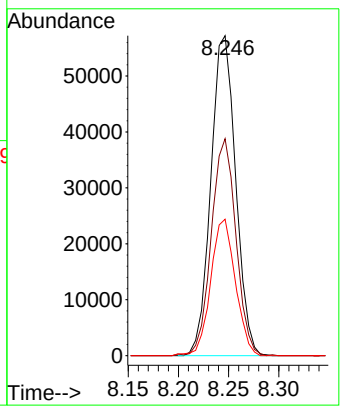


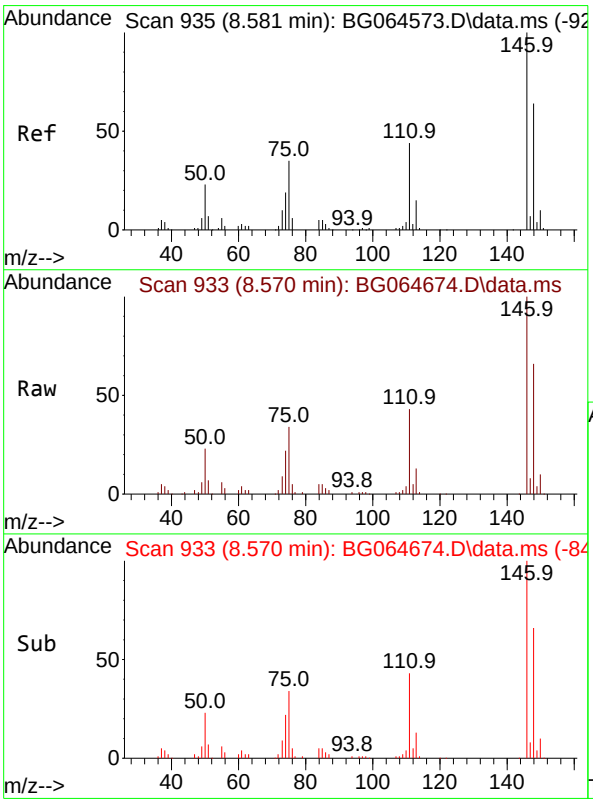
#13
1,4-Dichlorobenzene
Concen: 42.851 ng
RT: 8.246 min Scan# 8
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Tgt Ion:146 Resp: 98423

Ion	Ratio	Lower	Upper
146	100		
148	67.8	56.2	84.4
111	42.7	35.4	53.0

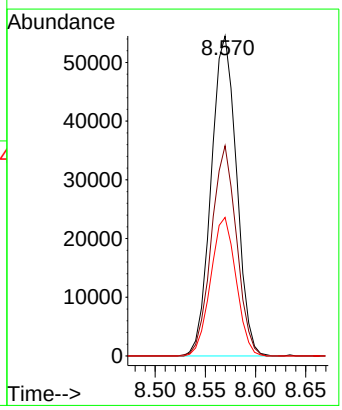


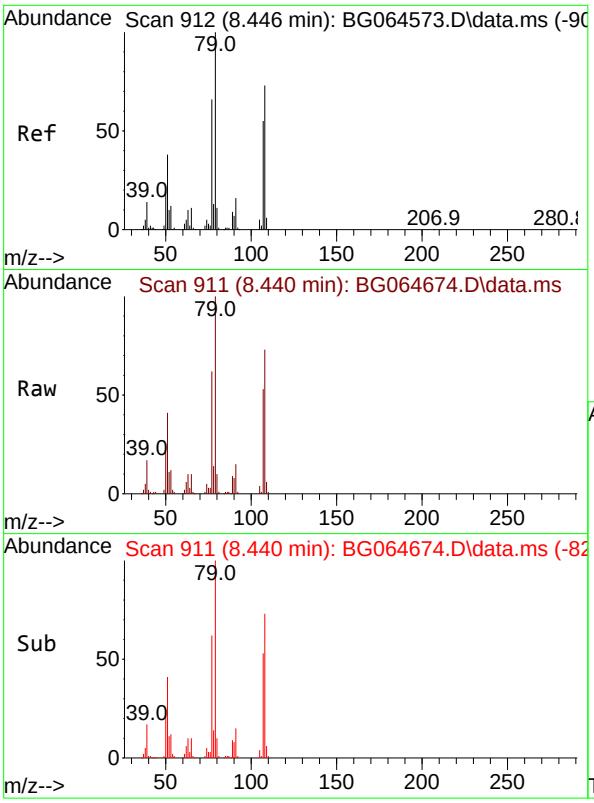


#14
1,2-Dichlorobenzene
Concen: 43.150 ng
RT: 8.570 min Scan# 933
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:146 Resp: 95596

Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.5	77.3
111	43.3	35.0	52.6



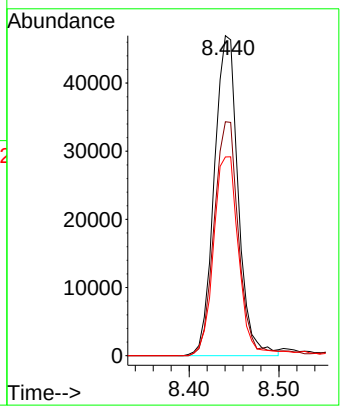


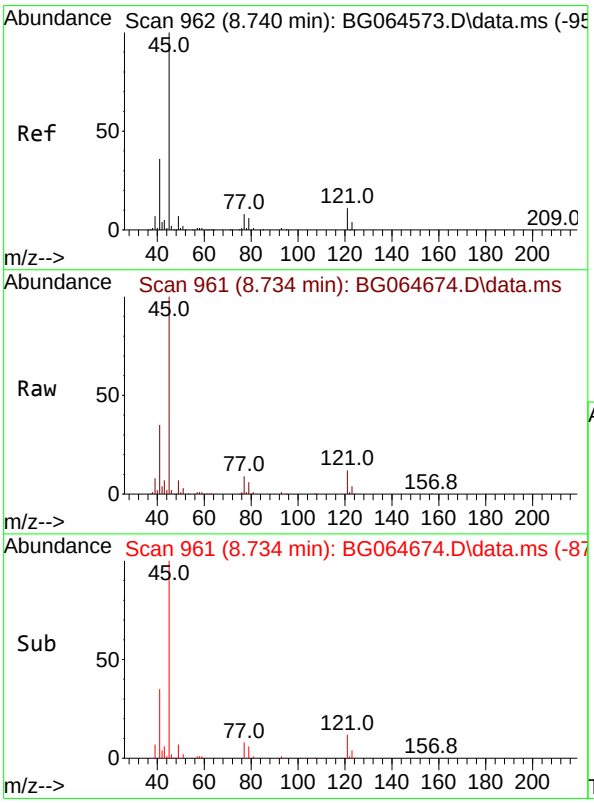
#15
Benzyl Alcohol
Concen: 40.882 ng
RT: 8.440 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Tgt Ion: 79 Resp: 86742

Ion	Ratio	Lower	Upper
79	100		
108	73.1	58.1	87.1
77	62.1	52.8	79.2

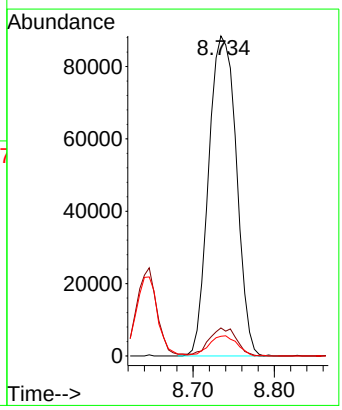


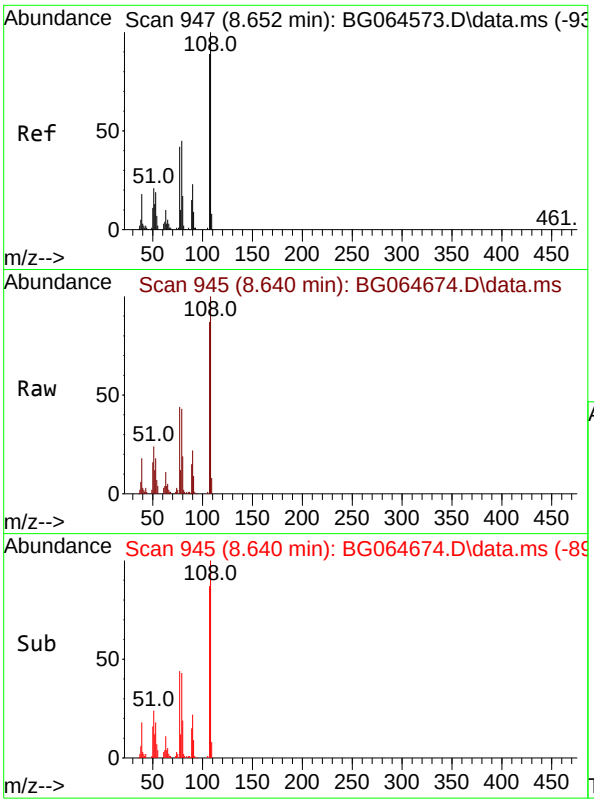


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.209 ng
RT: 8.734 min Scan# 961
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion: 45 Resp: 209680

Ion	Ratio	Lower	Upper
45	100		
77	8.7	0.0	28.5
79	6.2	0.0	25.6



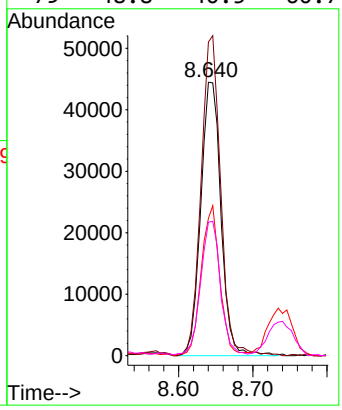


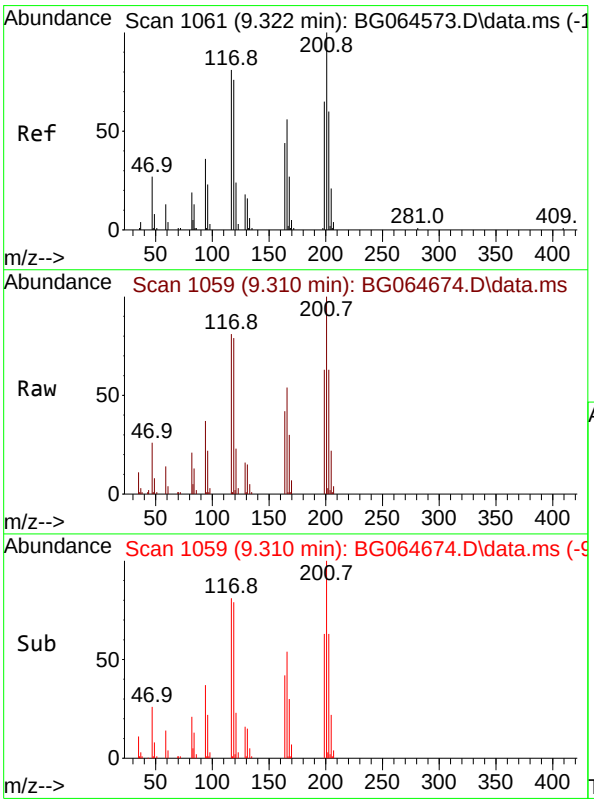
#17
2-Methylphenol
Concen: 44.559 ng
RT: 8.640 min Scan# 94
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Tgt Ion:107 Resp: 84183

Ion	Ratio	Lower	Upper
107	100		
108	114.7	90.0	135.0
77	50.2	37.8	56.8
79	48.8	40.5	60.7

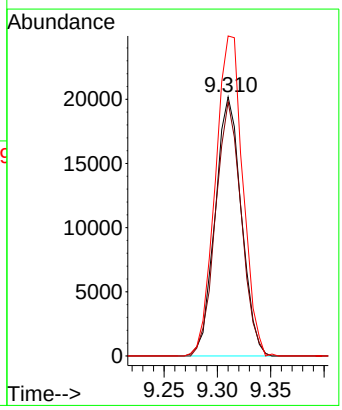


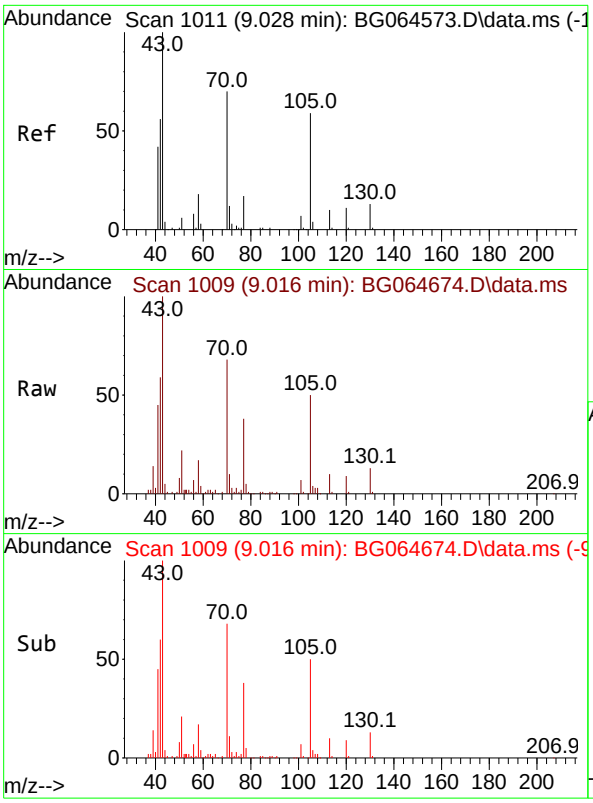


#18
Hexachloroethane
Concen: 42.865 ng
RT: 9.310 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:117 Resp: 34551

Ion	Ratio	Lower	Upper
117	100		
119	98.1	75.4	113.2
201	123.5	99.2	148.8



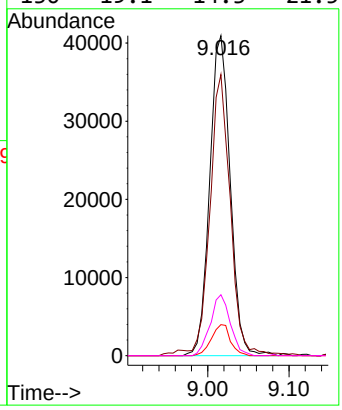


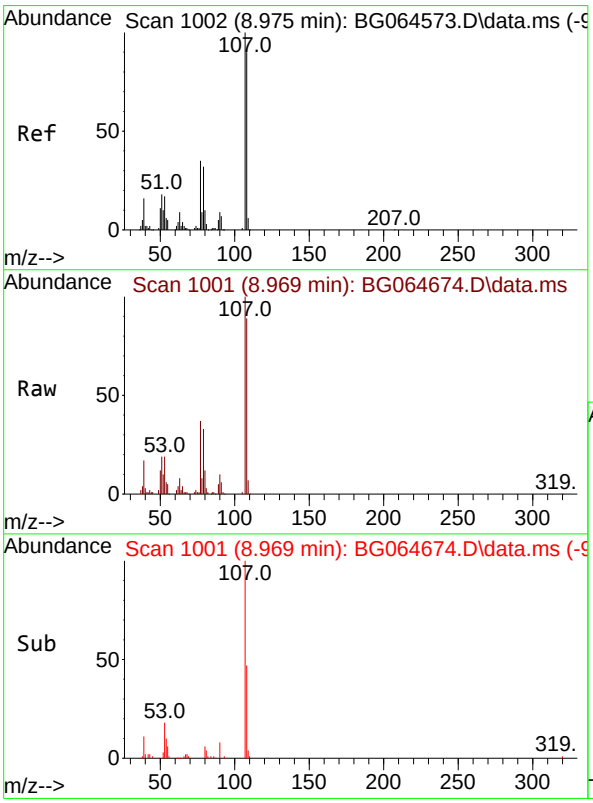
#19
n-Nitroso-di-n-propylamine
Concen: 40.398 ng
RT: 9.016 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Tgt Ion: 70 Resp: 71836

Ion	Ratio	Lower	Upper
70	100		
42	87.8	65.2	97.8
101	9.7	7.9	11.9
130	19.1	14.3	21.5

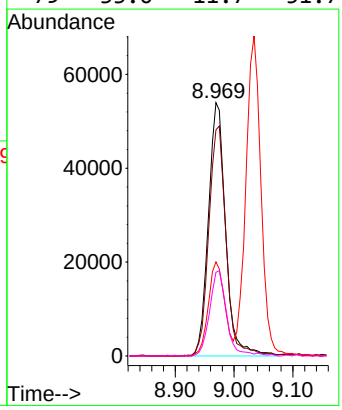


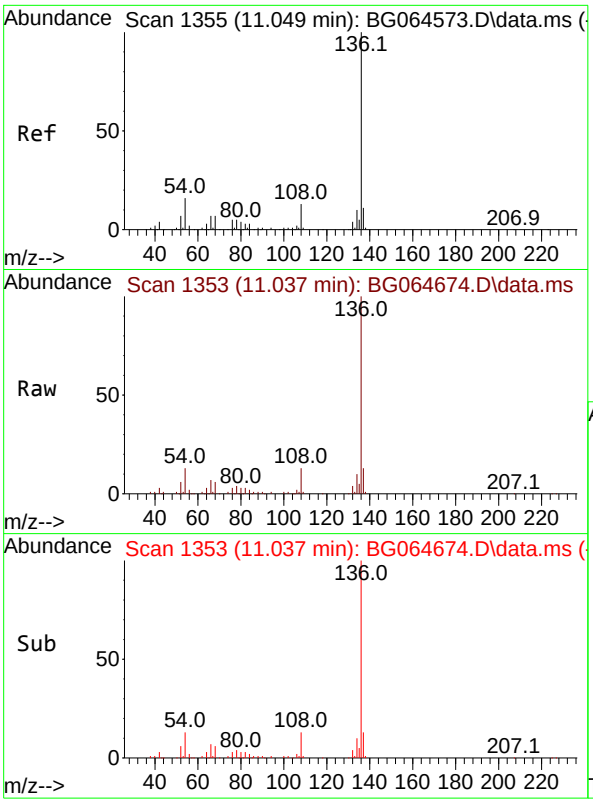


#20
3+4-Methylphenols
Concen: 41.413 ng
RT: 8.969 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:107 Resp: 110029

Ion	Ratio	Lower	Upper
107	100		
108	89.3	70.3	110.3
77	37.2	14.6	54.6
79	33.0	11.7	51.7



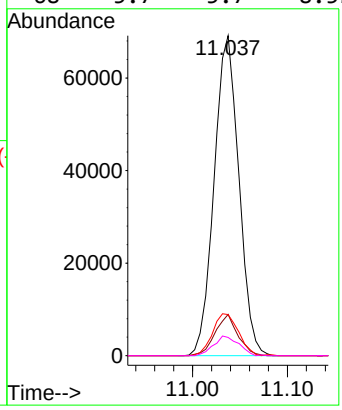


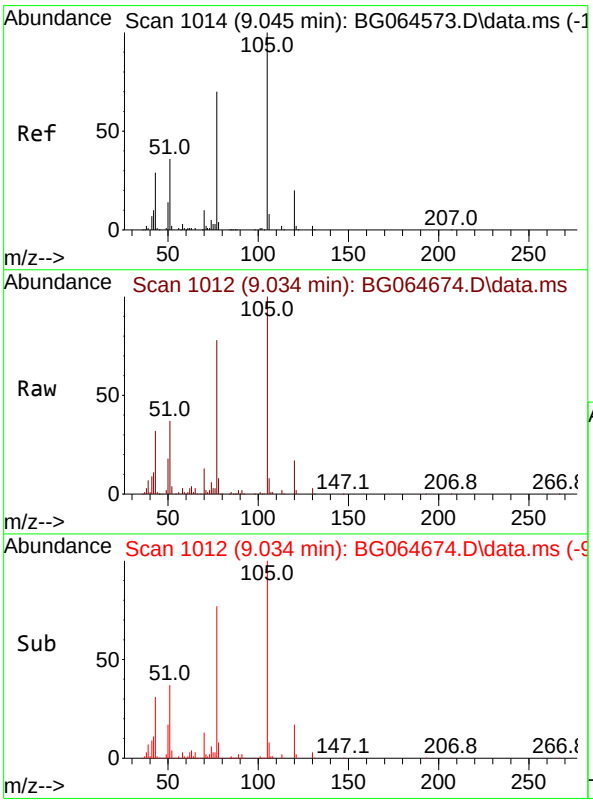
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.037 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Tgt Ion:136 Resp: 125369

Ion	Ratio	Lower	Upper
136	100		
137	12.9	9.2	13.8
54	12.8	12.6	19.0
68	5.7	5.7	8.5#

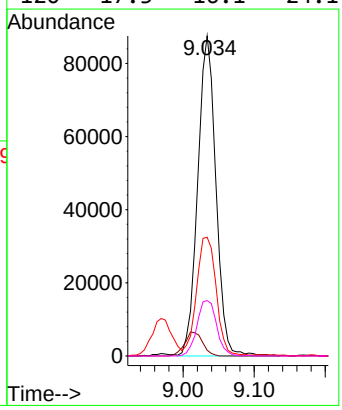


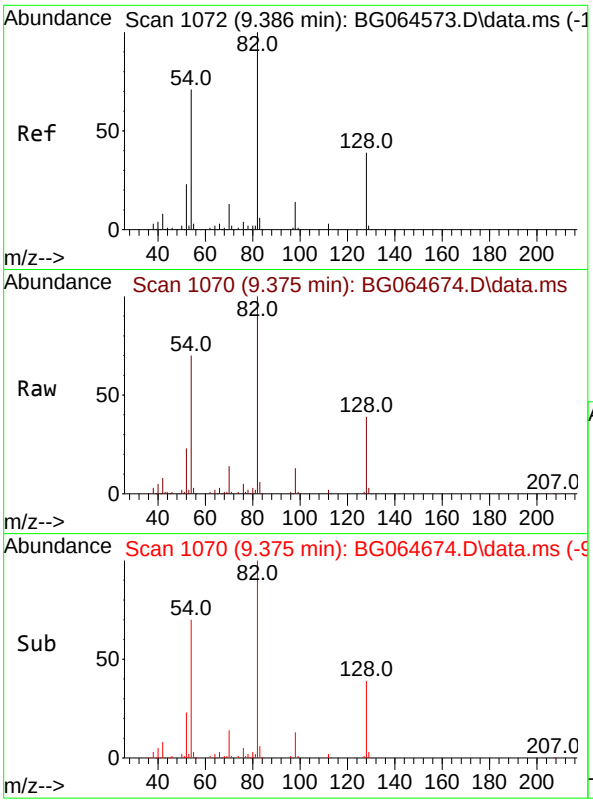


#22
Acetophenone
Concen: 45.532 ng
RT: 9.034 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:105 Resp: 156041

Ion	Ratio	Lower	Upper
105	100		
71	1.8	1.5	2.3
51	37.1	33.7	50.5
120	17.3	16.1	24.1



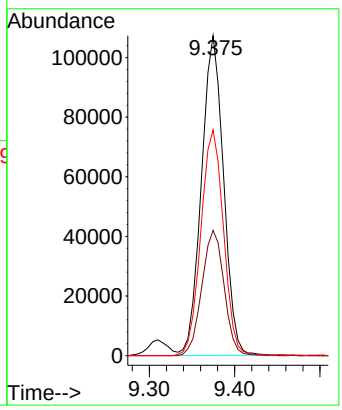


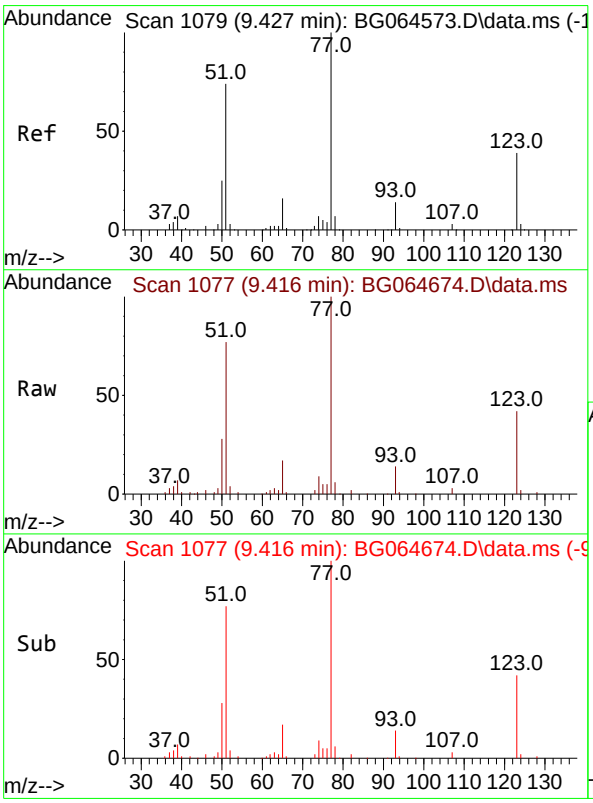
#23
Nitrobenzene-d5
Concen: 92.397 ng
RT: 9.375 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Tgt Ion: 82 Resp: 192861

Ion	Ratio	Lower	Upper
82	100		
128	39.1	31.3	46.9
54	70.5	56.6	84.8

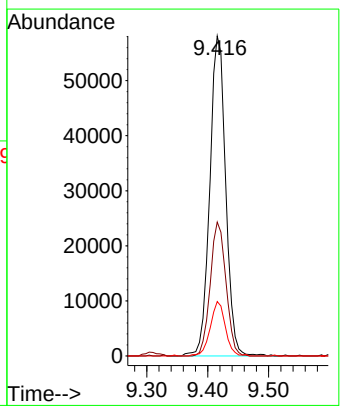


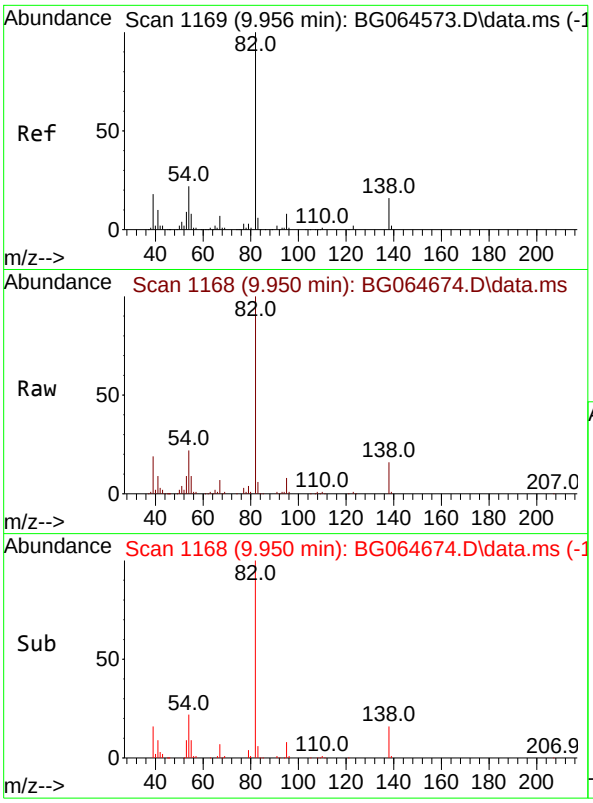


#24
Nitrobenzene
Concen: 46.460 ng
RT: 9.416 min Scan# 1077
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion: 77 Resp: 105476

Ion	Ratio	Lower	Upper
77	100		
123	41.9	31.0	46.6
65	17.0	12.7	19.1



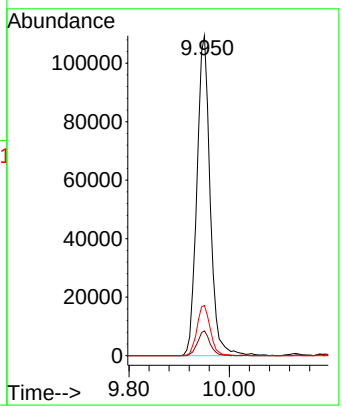


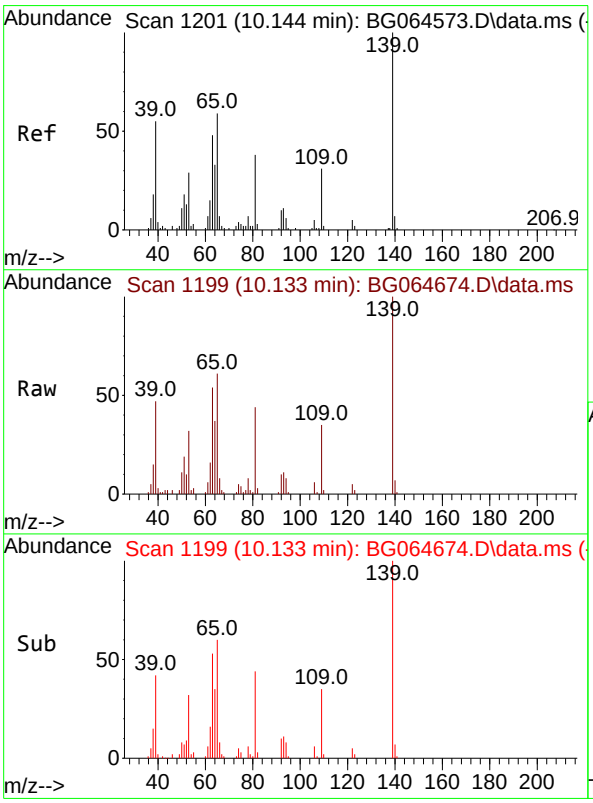
#25
Isophorone
Concen: 39.924 ng
RT: 9.950 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Tgt Ion: 82 Resp: 199965

Ion	Ratio	Lower	Upper
82	100		
95	7.8	6.1	9.1
138	15.7	13.0	19.4

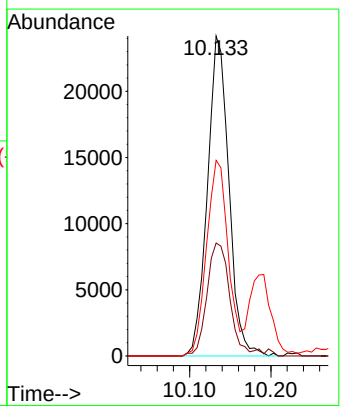


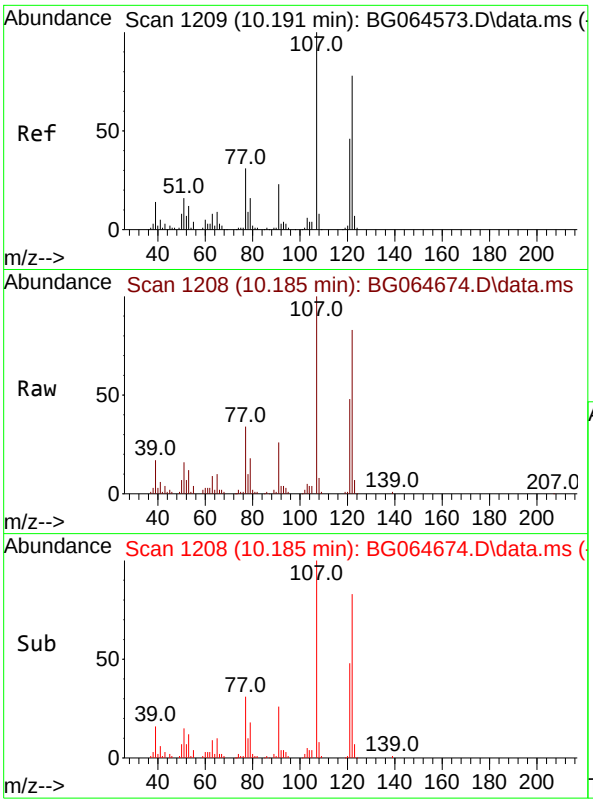


#26
2-Nitrophenol
Concen: 50.434 ng
RT: 10.133 min Scan# 1199
Delta R.T. -0.011 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:139 Resp: 44327

Ion	Ratio	Lower	Upper
139	100		
109	35.3	24.6	37.0
65	61.1	47.5	71.3



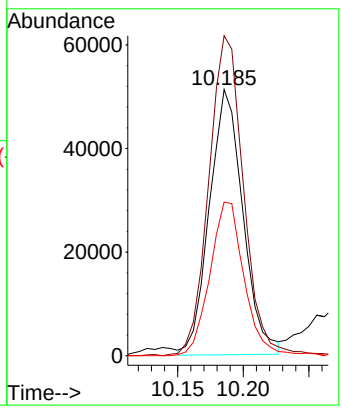


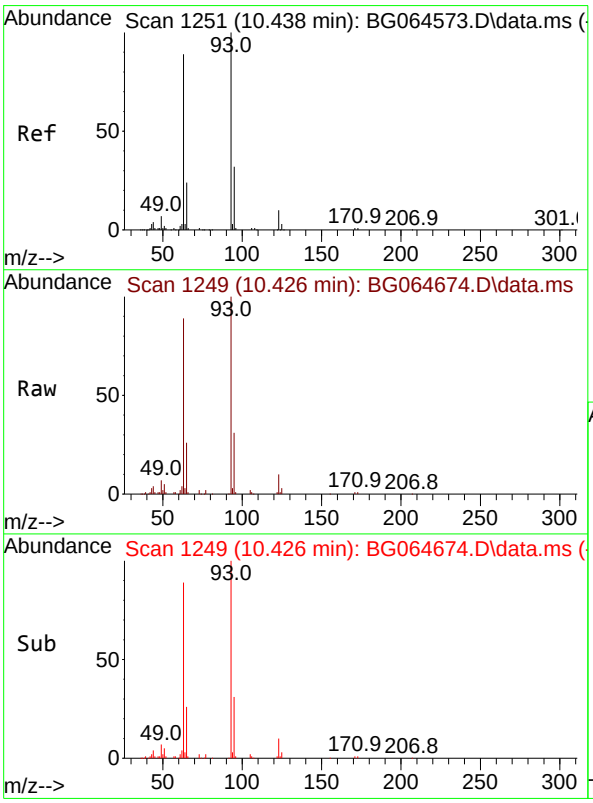
#27
2,4-Dimethylphenol
Concen: 48.798 ng
RT: 10.185 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Tgt Ion:122 Resp: 90913

Ion	Ratio	Lower	Upper
122	100		
107	120.3	103.0	154.4
121	57.7	47.8	71.8

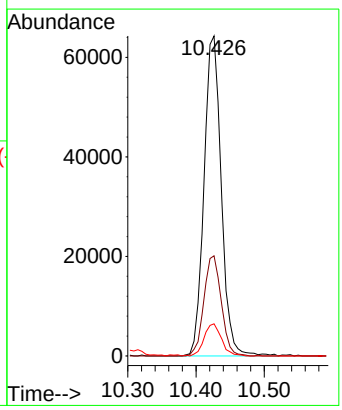


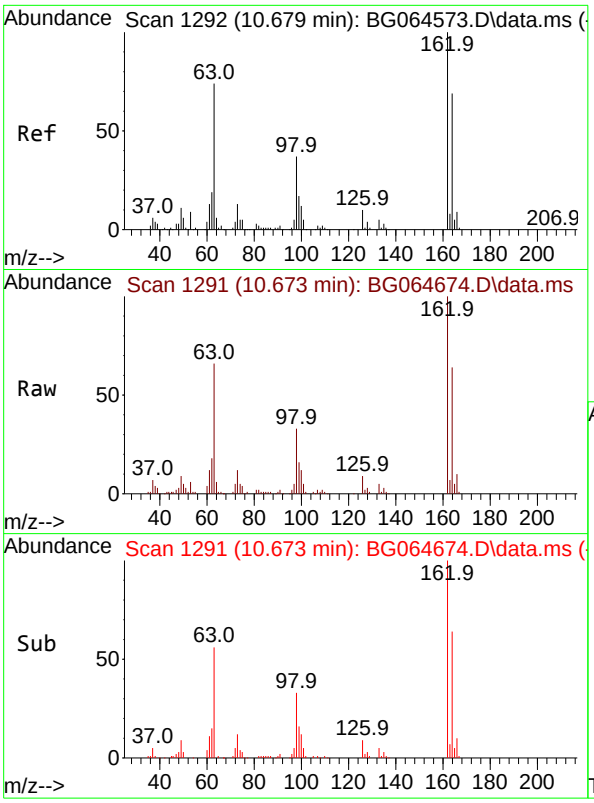


#28
bis(2-Chloroethoxy)methane
Concen: 39.715 ng
RT: 10.426 min Scan# 1249
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion: 93 Resp: 113256

Ion	Ratio	Lower	Upper
93	100		
95	31.3	25.4	38.2
123	10.1	8.4	12.6



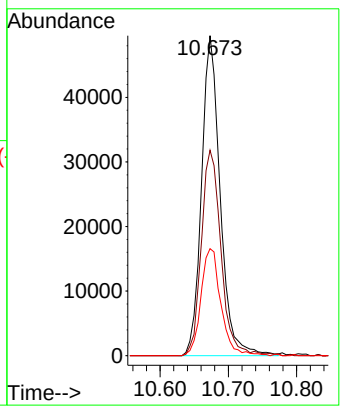


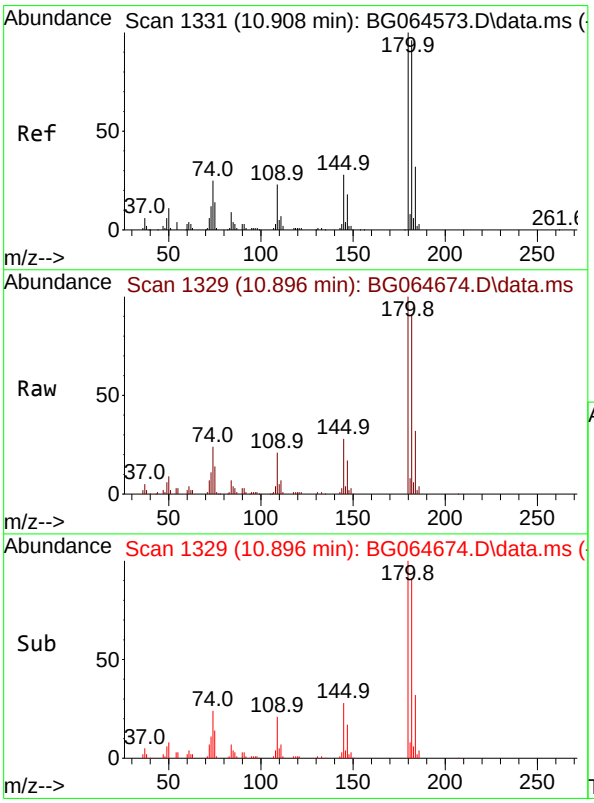
#29
2,4-Dichlorophenol
Concen: 47.109 ng
RT: 10.673 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Tgt Ion:162 Resp: 94454

Ion	Ratio	Lower	Upper
162	100		
164	64.2	48.7	88.7
98	33.4	16.9	56.9

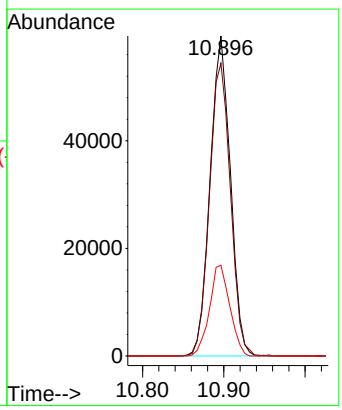


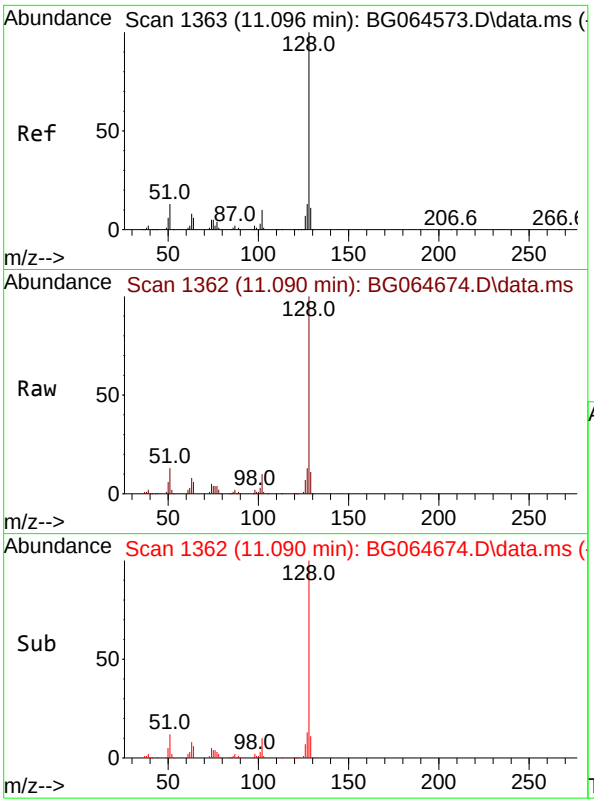


#30
1,2,4-Trichlorobenzene
Concen: 45.243 ng
RT: 10.896 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:180 Resp: 103068

Ion	Ratio	Lower	Upper
180	100		
182	91.4	76.9	115.3
145	28.4	22.1	33.1



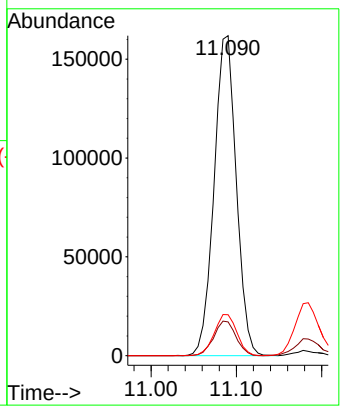


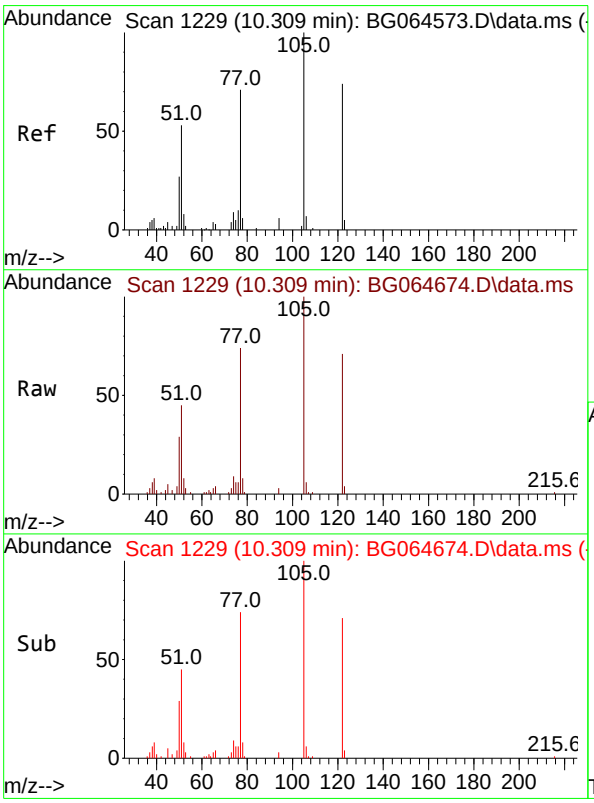
#31
Naphthalene
Concen: 42.166 ng
RT: 11.090 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Tgt Ion:128 Resp: 293092

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.8	13.2
127	12.8	10.6	15.8

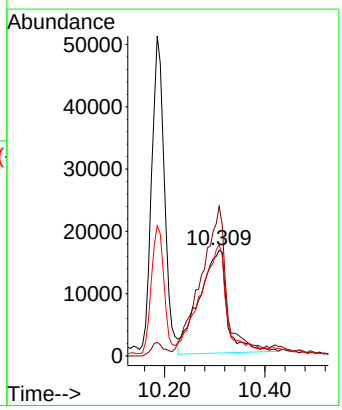


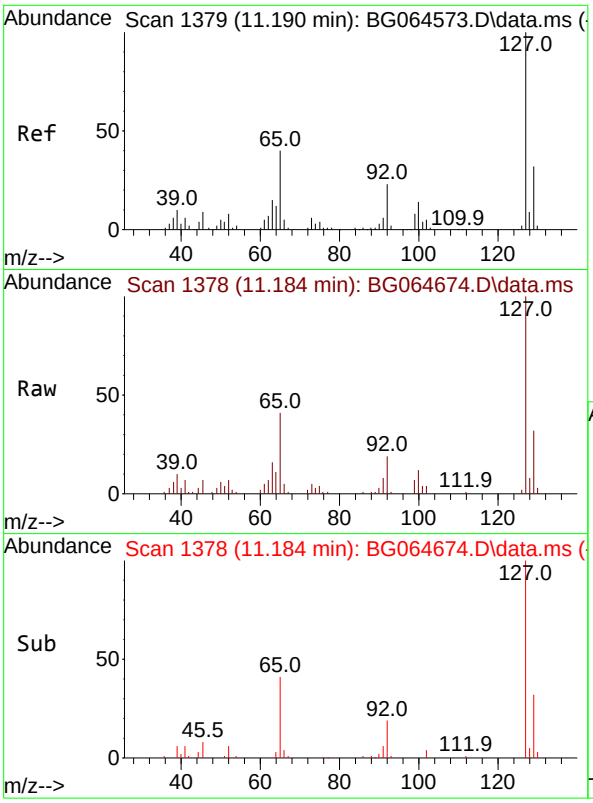


#32
Benzoic acid
Concen: 45.431 ng
RT: 10.309 min Scan# 1229
Delta R.T. -0.000 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:122 Resp: 63994

Ion	Ratio	Lower	Upper
122	100		
105	141.5	104.2	144.2
77	105.3	70.2	110.2



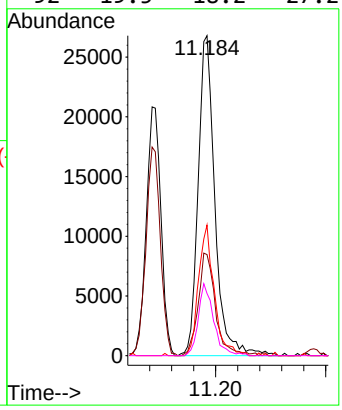


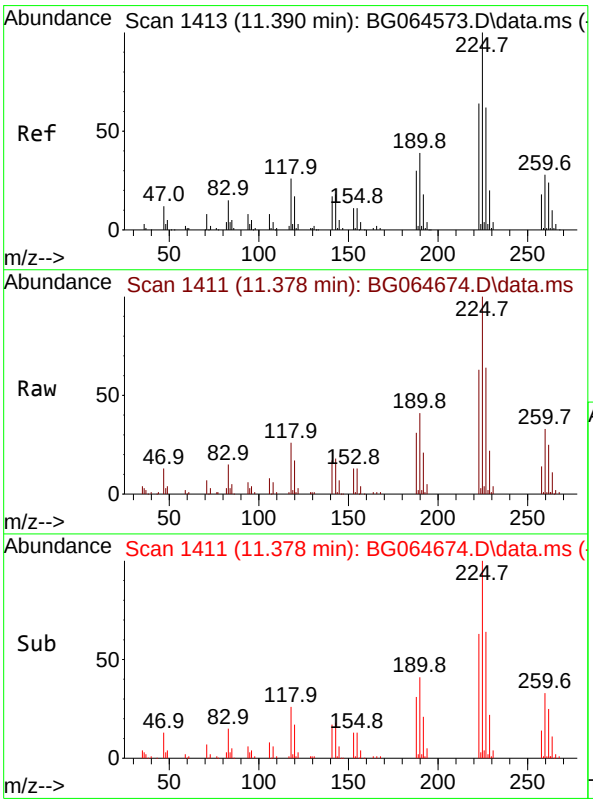
#33
4-Chloroaniline
Concen: 20.955 ng
RT: 11.184 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Tgt Ion:127 Resp: 56613

Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.5	38.3
65	40.8	32.2	48.4
92	19.5	18.2	27.2

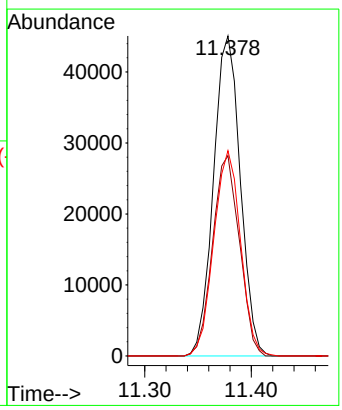


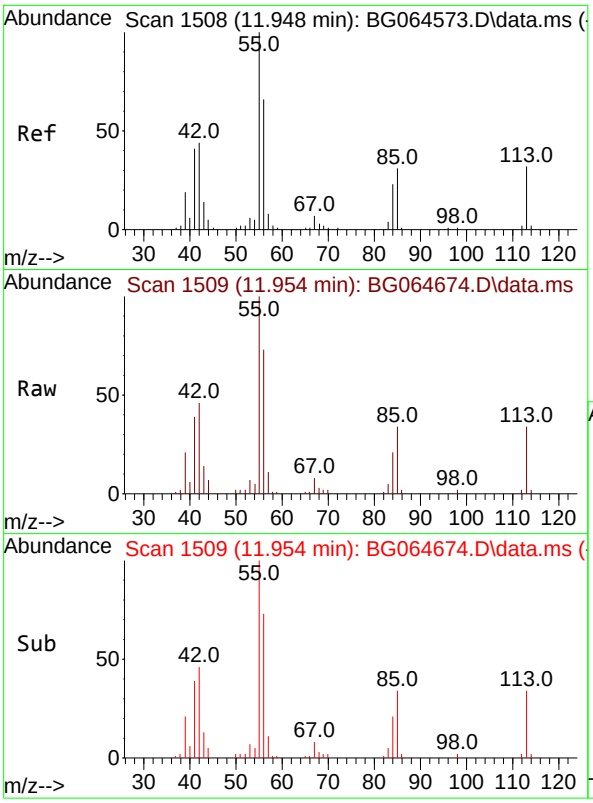


#34
Hexachlorobutadiene
Concen: 44.182 ng
RT: 11.378 min Scan# 1411
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:225 Resp: 78715

Ion	Ratio	Lower	Upper
225	100		
223	60.1	48.8	73.2
227	61.6	49.5	74.3



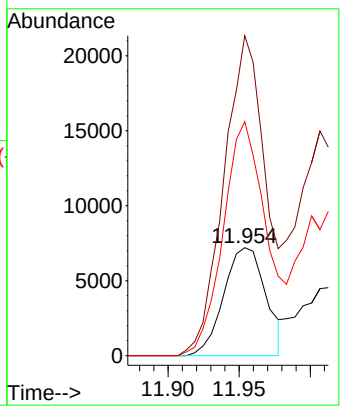


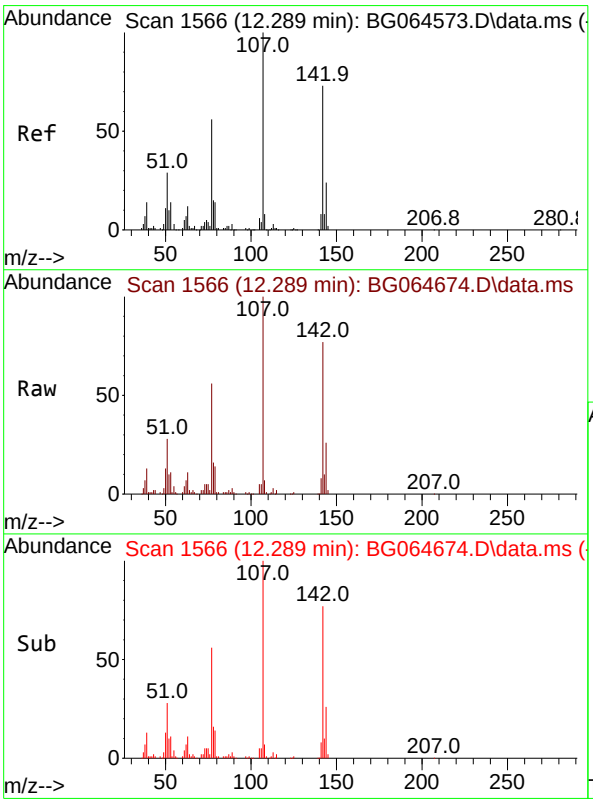
#35
Caprolactam
Concen: 19.291 ng
RT: 11.954 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Tgt Ion:113 Resp: 14835

Ion	Ratio	Lower	Upper
113	100		
55	296.4	290.1	330.1
56	216.8	183.8	223.8

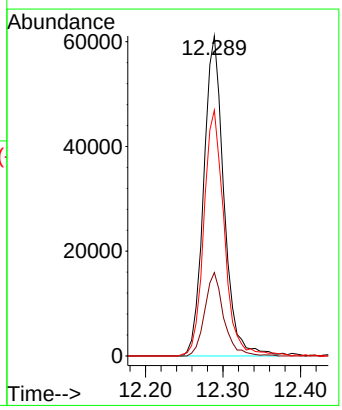


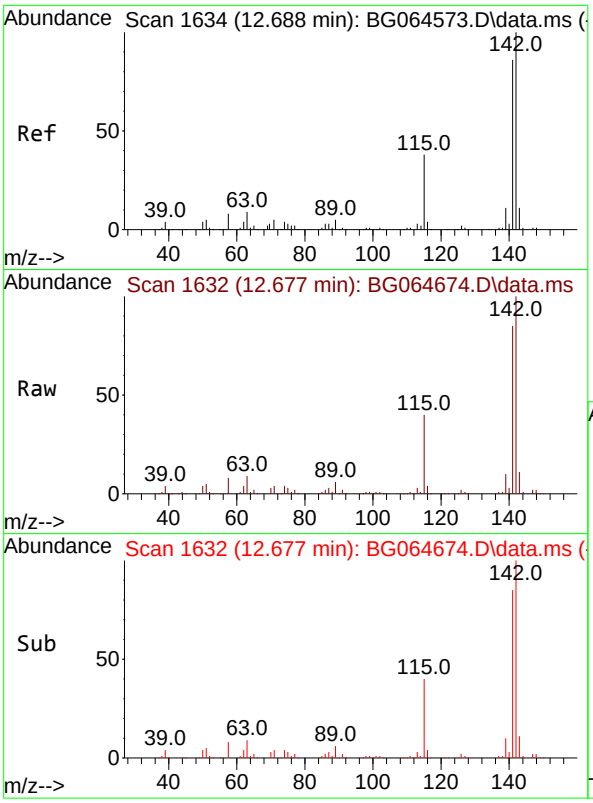


#36
4-Chloro-3-methylphenol
Concen: 45.960 ng
RT: 12.289 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:107 Resp: 110767

Ion	Ratio	Lower	Upper
107	100		
144	26.1	19.1	28.7
142	76.8	58.6	87.8



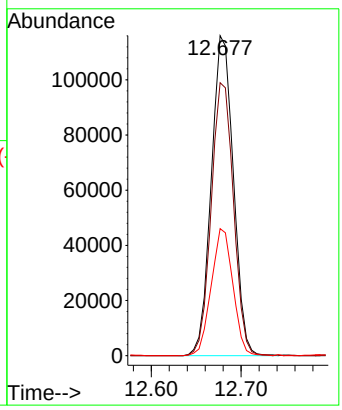


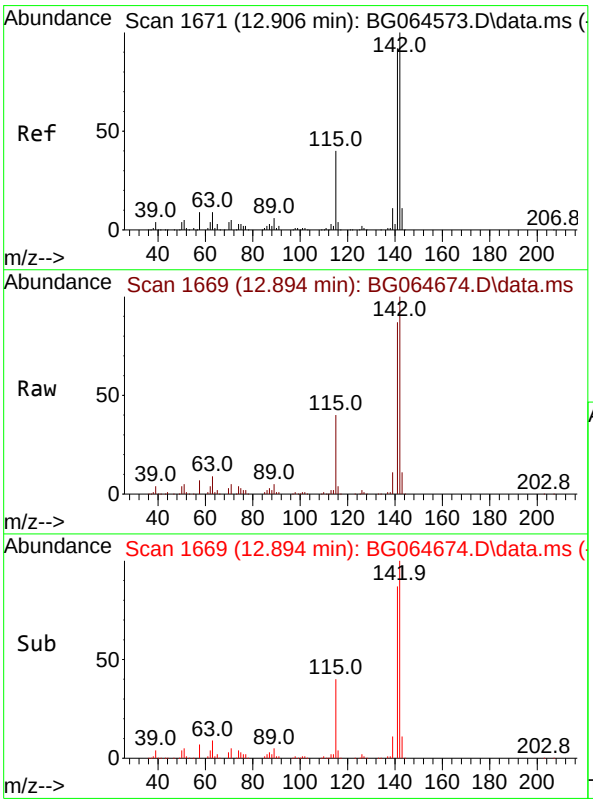
#37
2-Methylnaphthalene
Concen: 38.860 ng
RT: 12.677 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Tgt Ion:142 Resp: 198311

Ion	Ratio	Lower	Upper
142	100		
141	85.3	68.9	103.3
115	39.7	30.6	46.0

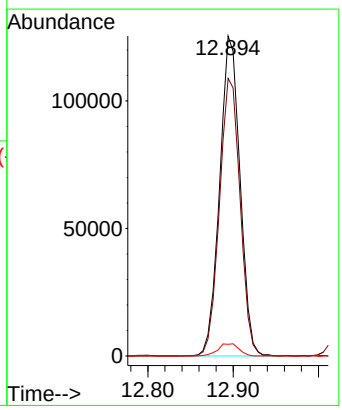


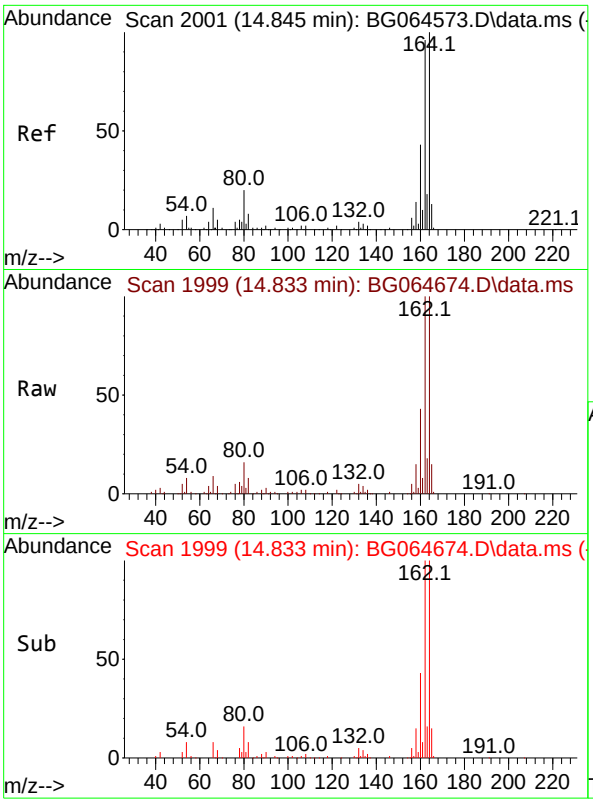


#38
1-Methylnaphthalene
Concen: 41.091 ng
RT: 12.894 min Scan# 1669
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:142 Resp: 207592

Ion	Ratio	Lower	Upper
142	100		
141	86.7	73.3	109.9
116	3.6	3.1	4.7



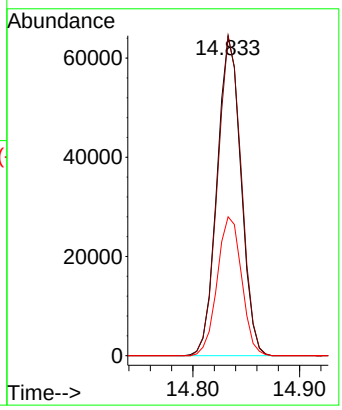


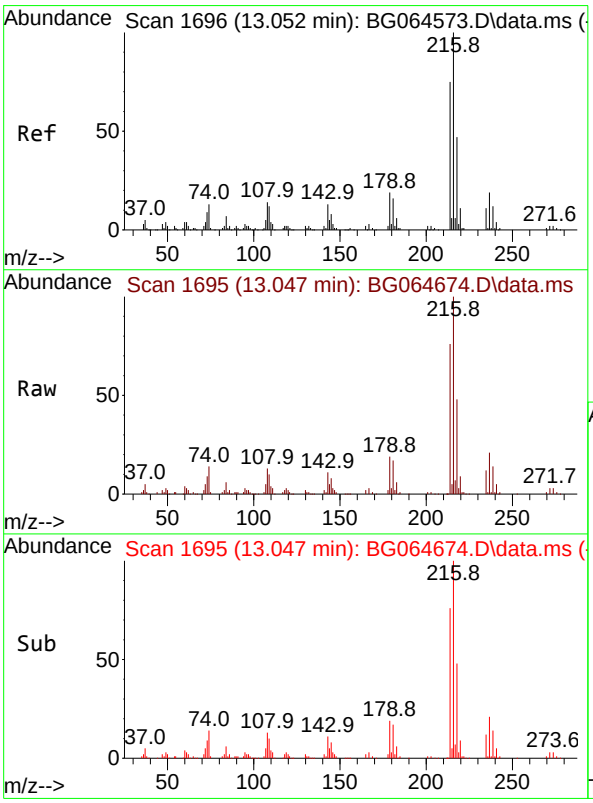
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.833 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Tgt Ion:164 Resp: 100193

Ion	Ratio	Lower	Upper
164	100		
162	100.2	77.0	115.6
160	43.5	34.4	51.6

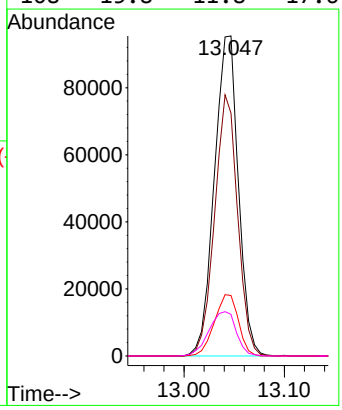


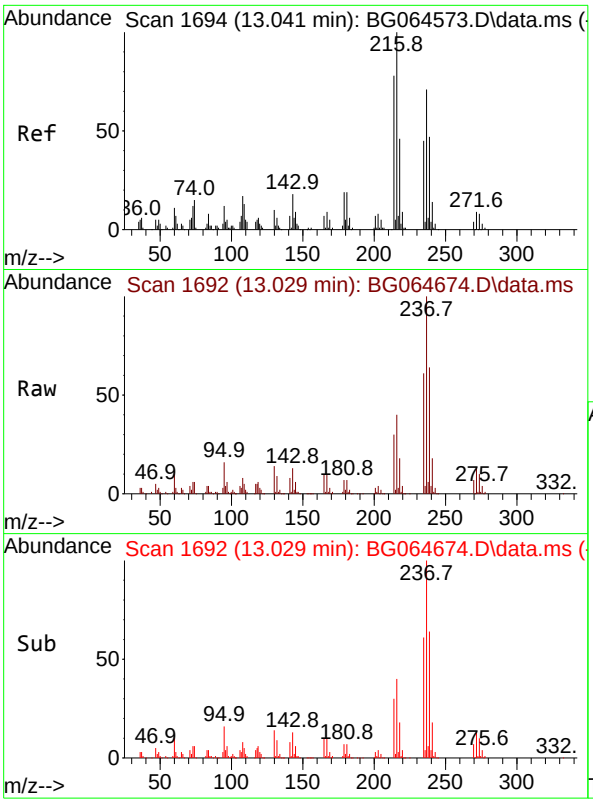


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.157 ng
RT: 13.047 min Scan# 1695
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:216 Resp: 158567

Ion	Ratio	Lower	Upper
216	100		
214	77.9	61.4	92.2
179	19.1	15.4	23.0
108	15.8	11.8	17.6



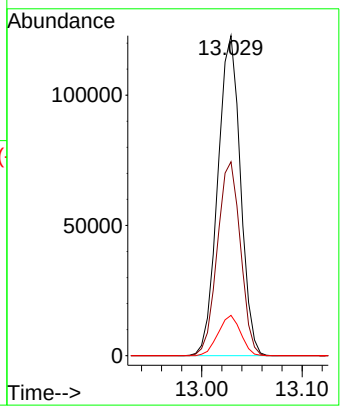


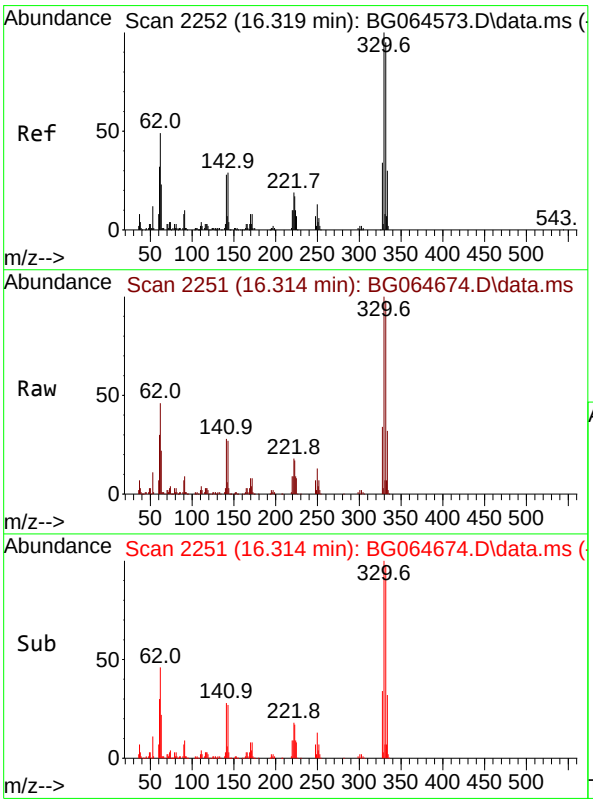
#41
Hexachlorocyclopentadiene
Concen: 127.184 ng
RT: 13.029 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Tgt Ion:237 Resp: 192494

Ion	Ratio	Lower	Upper
237	100		
235	60.6	44.1	84.1
272	12.6	0.0	32.4

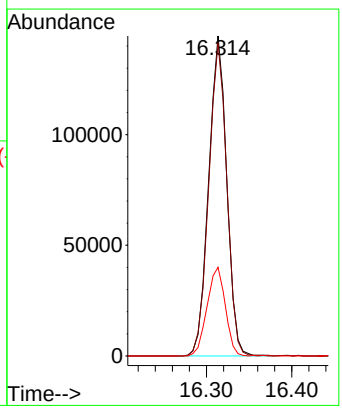


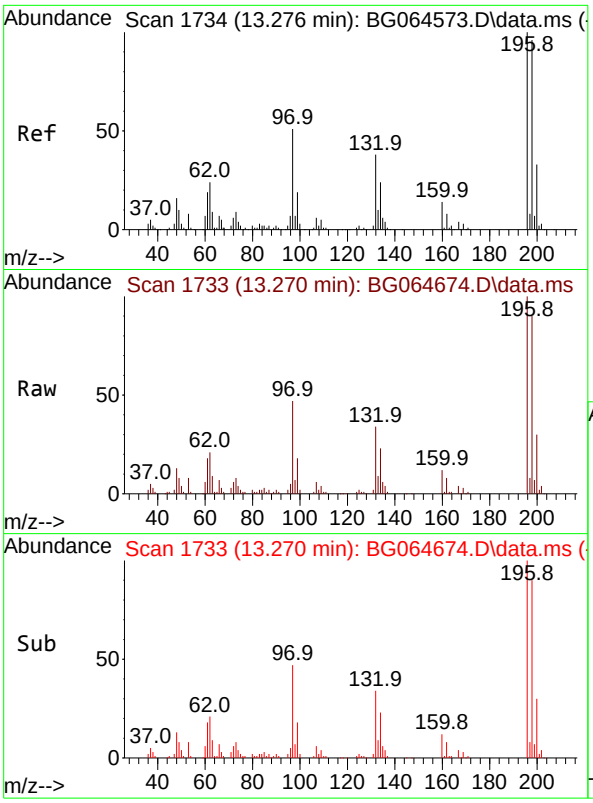


#42
2,4,6-Tribromophenol
Concen: 147.083 ng
RT: 16.314 min Scan# 2251
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:330 Resp: 212695

Ion	Ratio	Lower	Upper
330	100		
332	97.7	78.0	117.0
141	28.0	21.8	32.6



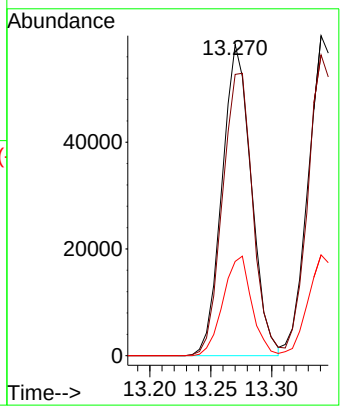


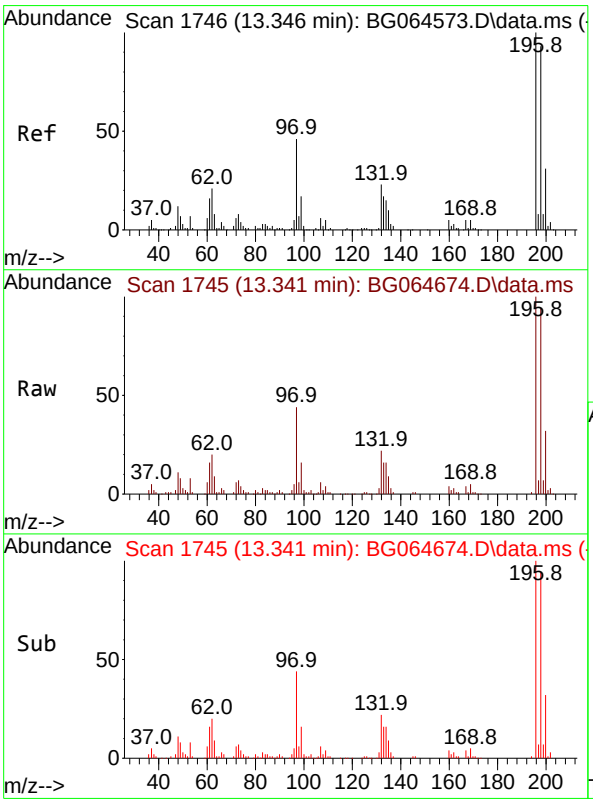
#43
2,4,6-Trichlorophenol
Concen: 50.723 ng
RT: 13.270 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Tgt Ion:196 Resp: 97561

Ion	Ratio	Lower	Upper
196	100		
198	90.4	76.6	115.0
200	30.3	26.0	39.0

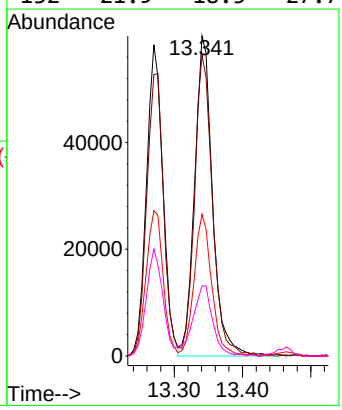


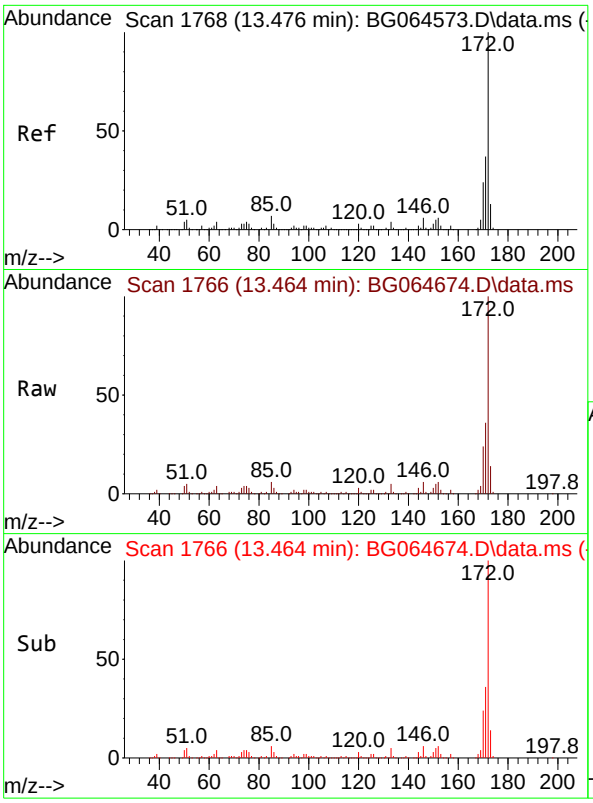


#44
2,4,5-Trichlorophenol
Concen: 49.329 ng
RT: 13.341 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:196 Resp: 109490

Ion	Ratio	Lower	Upper
196	100		
198	94.0	74.2	111.4
97	44.2	37.0	55.6
132	21.9	18.5	27.7



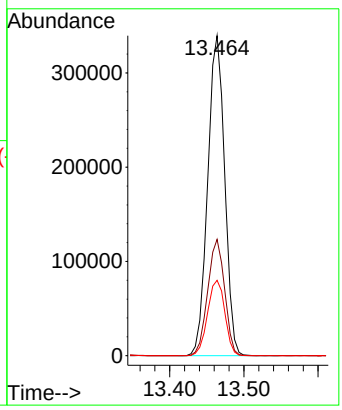


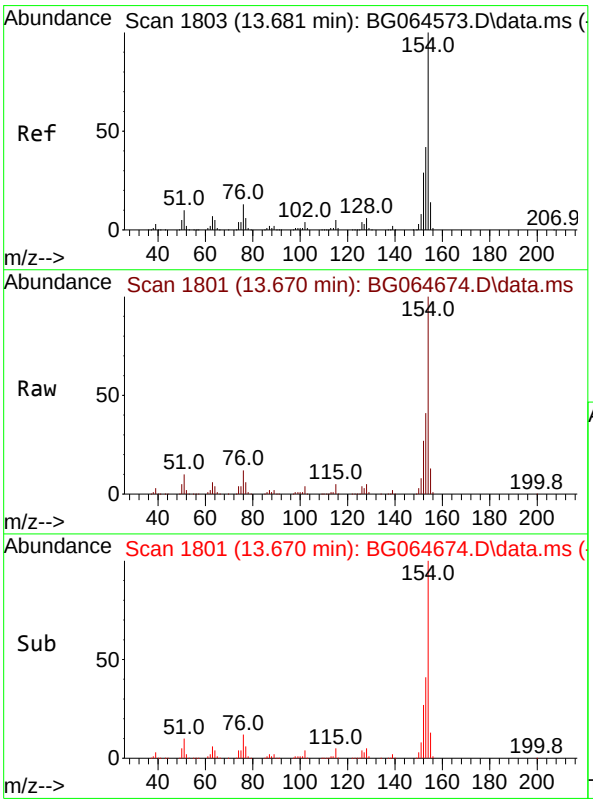
#45
2-Fluorobiphenyl
Concen: 81.640 ng
RT: 13.464 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Tgt Ion:172 Resp: 539651

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	23.5	19.1	28.7

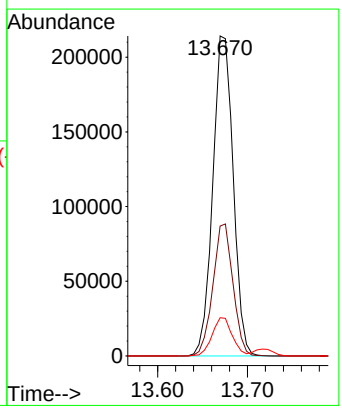


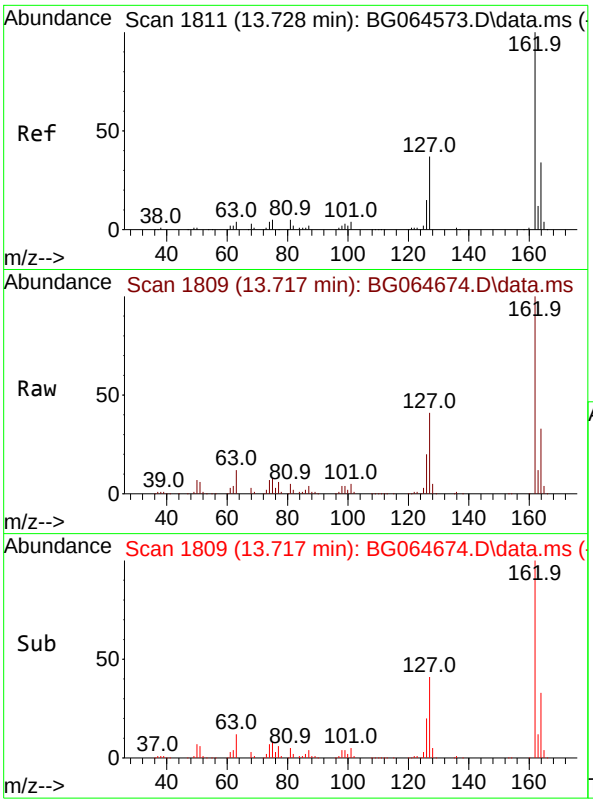


#46
1,1'-Biphenyl
Concen: 47.413 ng
RT: 13.670 min Scan# 1801
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:154 Resp: 337726

Ion	Ratio	Lower	Upper
154	100		
153	40.6	22.4	62.4
76	12.0	0.0	33.5



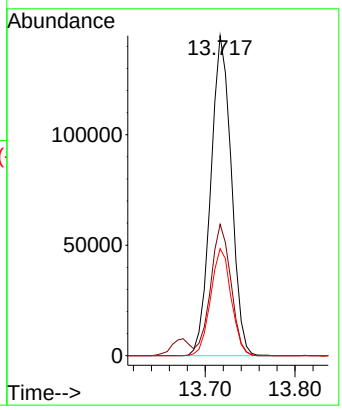


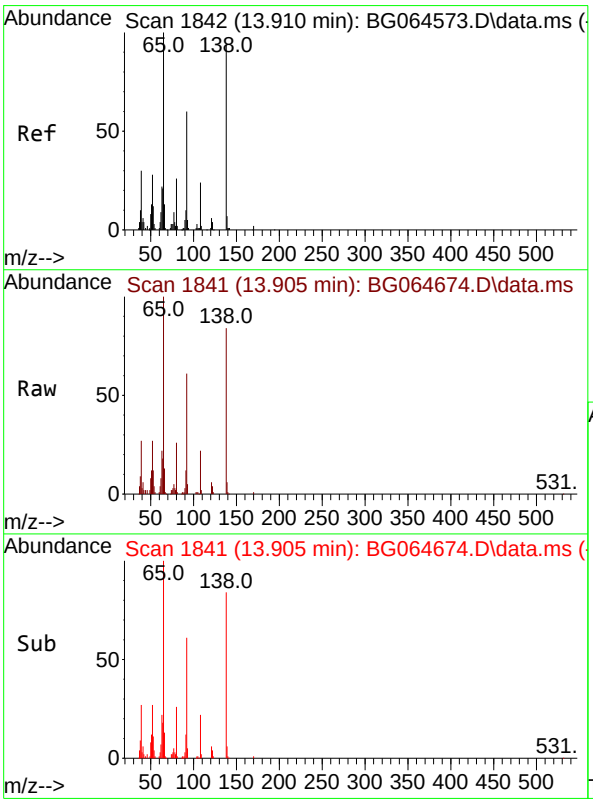
#47
2-Chloronaphthalene
Concen: 42.838 ng
RT: 13.717 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Tgt Ion:162 Resp: 230325

Ion	Ratio	Lower	Upper
162	100		
127	41.0	32.2	48.2
164	33.5	27.5	41.3

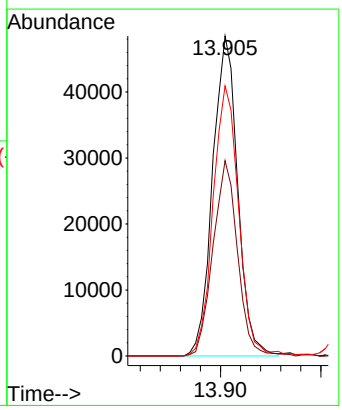


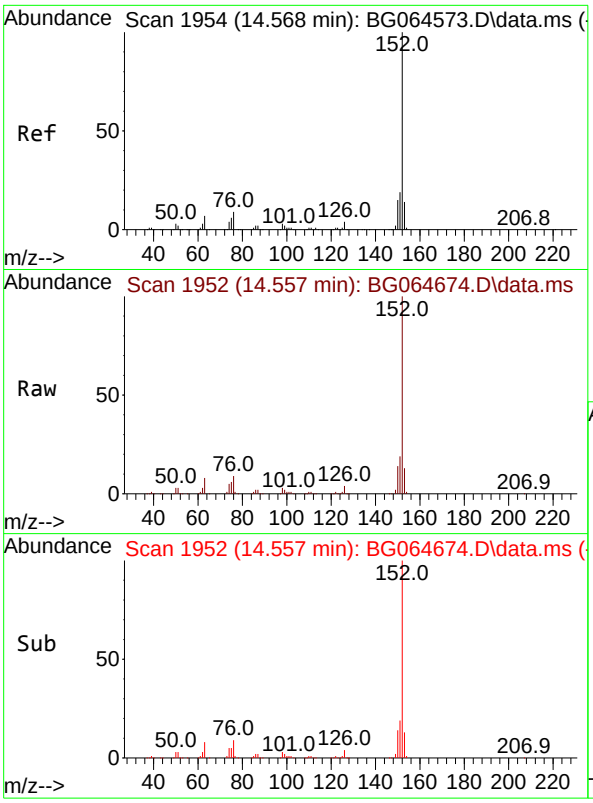


#48
2-Nitroaniline
Concen: 46.518 ng
RT: 13.905 min Scan# 1841
Delta R.T. -0.005 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion: 65 Resp: 83771

Ion	Ratio	Lower	Upper
65	100		
92	61.1	48.3	72.5
138	84.4	74.9	112.3



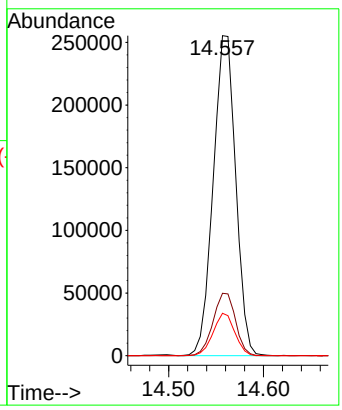


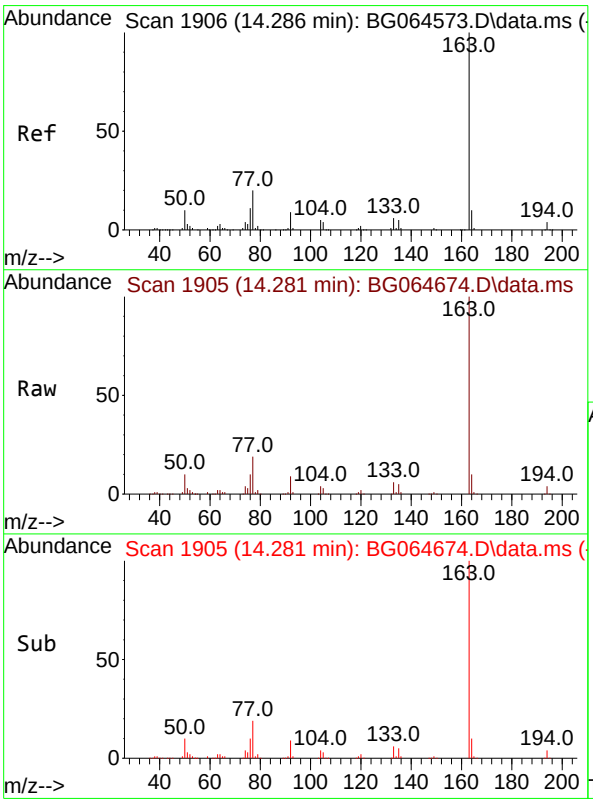
#49
Acenaphthylene
Concen: 49.761 ng
RT: 14.557 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Tgt Ion:152 Resp: 422008

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.2
153	13.3	11.0	16.4

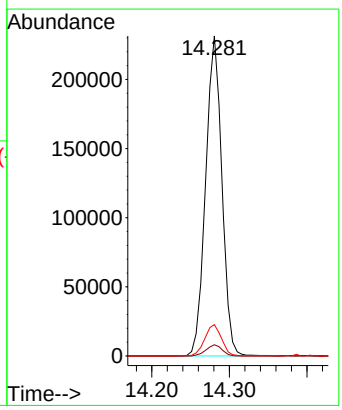


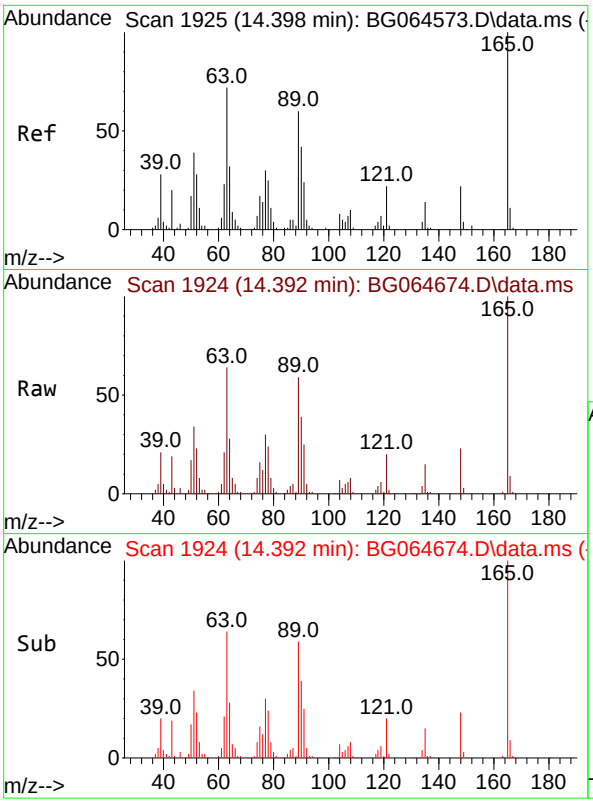


#50
Dimethylphthalate
Concen: 43.902 ng
RT: 14.281 min Scan# 1905
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:163 Resp: 336584

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	9.8	7.7	11.5



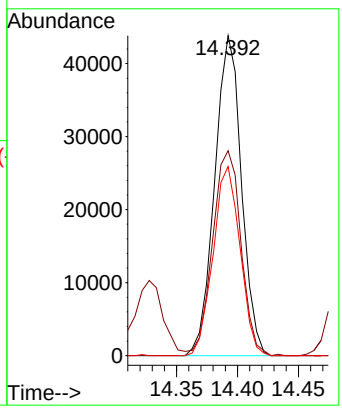


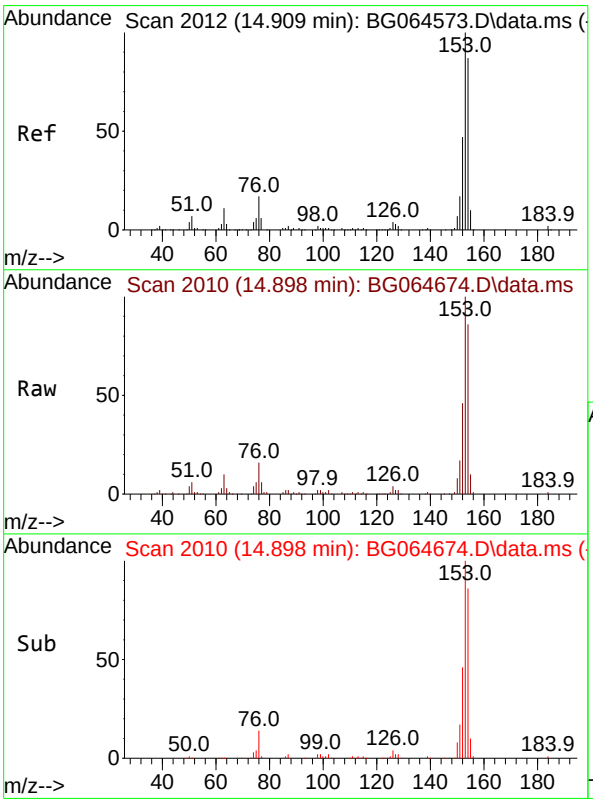
#51
2,6-Dinitrotoluene
Concen: 52.632 ng
RT: 14.392 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Tgt Ion:165 Resp: 66999

Ion	Ratio	Lower	Upper
165	100		
63	64.0	57.4	86.0
89	59.1	47.8	71.8

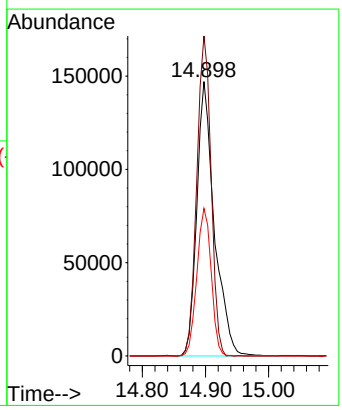


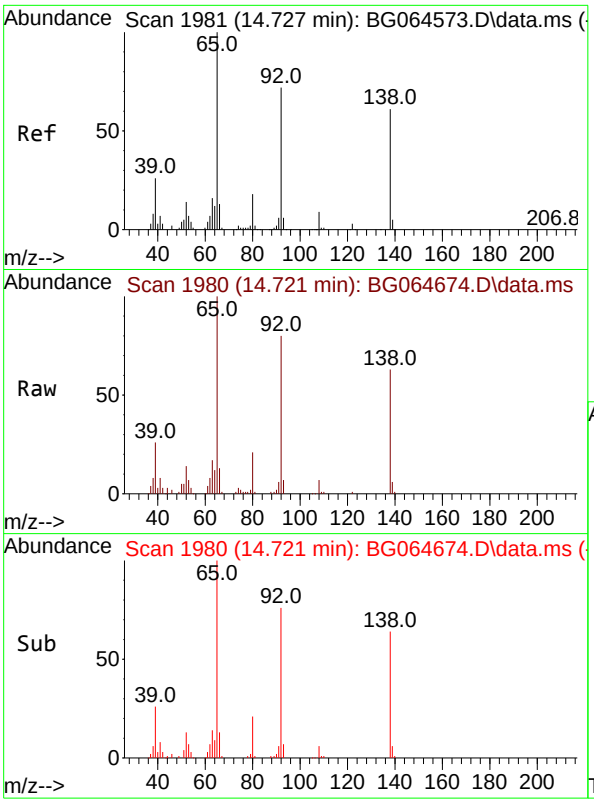


#52
Acenaphthene
Concen: 48.977 ng
RT: 14.898 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:154 Resp: 283781

Ion	Ratio	Lower	Upper
154	100		
153	116.6	92.2	138.4
152	53.8	43.2	64.8



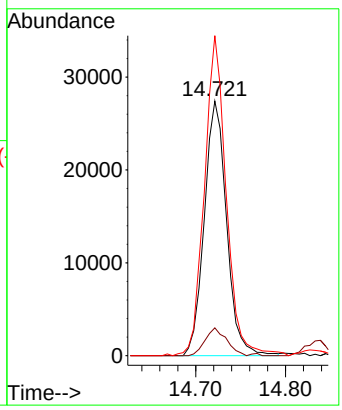


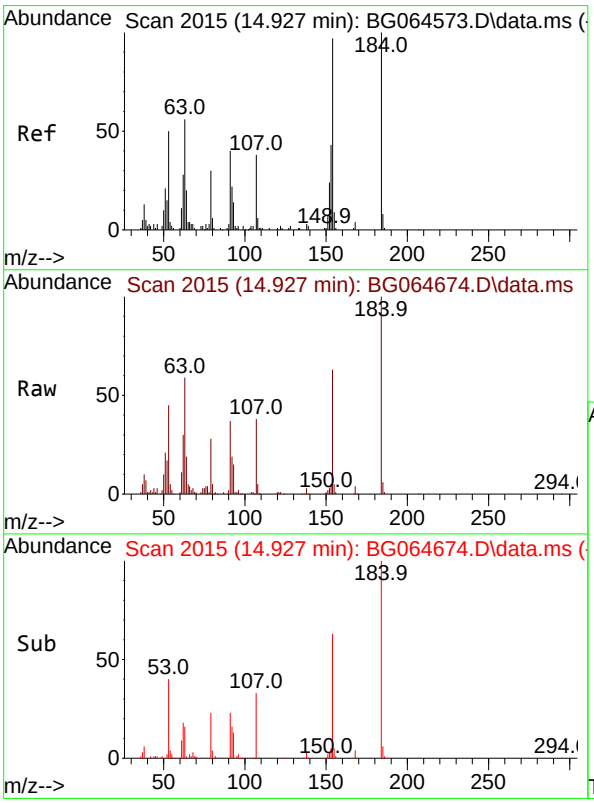
#53
3-Nitroaniline
Concen: 35.932 ng
RT: 14.721 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Tgt Ion:138 Resp: 47343

Ion	Ratio	Lower	Upper
138	100		
108	10.9	11.4	17.0#
92	125.7	95.3	142.9

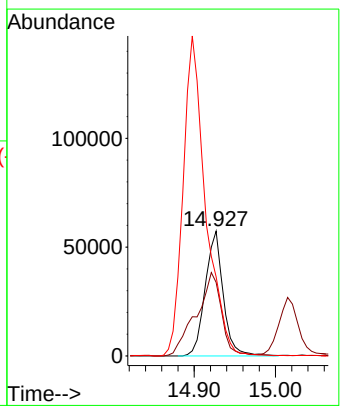


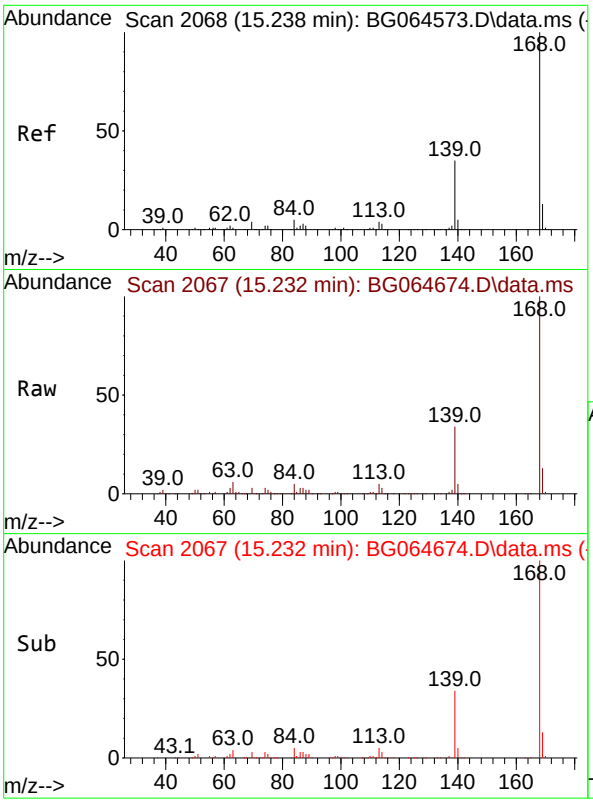


#54
2,4-Dinitrophenol
Concen: 111.576 ng
RT: 14.927 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:184 Resp: 88446

Ion	Ratio	Lower	Upper
184	100		
63	58.9	56.6	85.0
154	63.4	158.6	238.0#



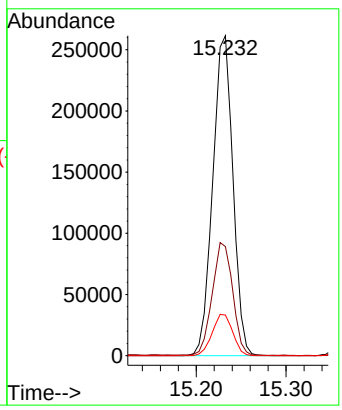


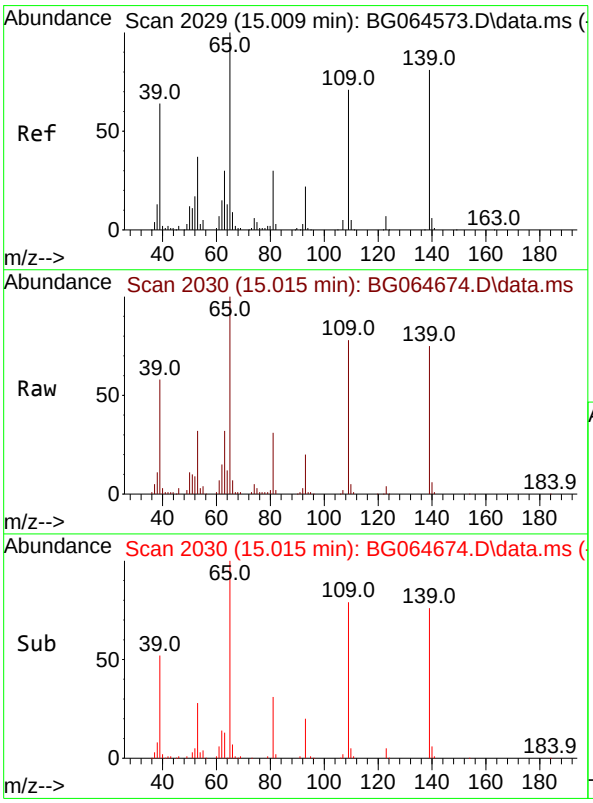
#55
Dibenzofuran
Concen: 43.519 ng
RT: 15.232 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Tgt Ion:168 Resp: 407661

Ion	Ratio	Lower	Upper
168	100		
139	34.1	27.8	41.8
169	12.7	10.3	15.5

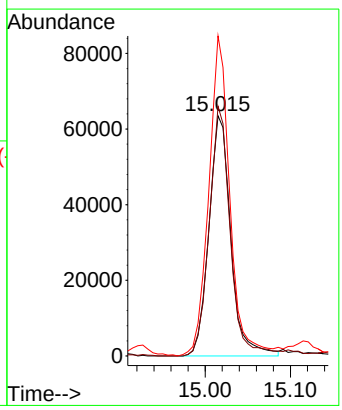


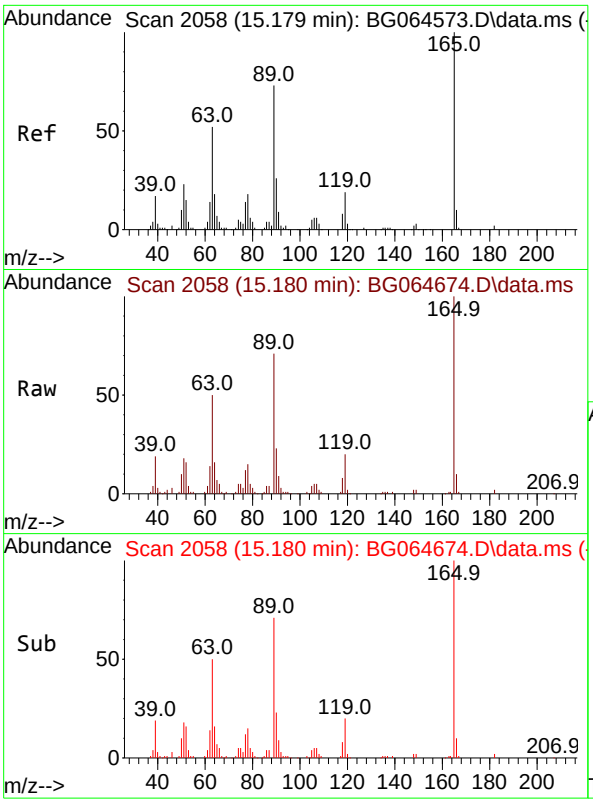


#56
4-Nitrophenol
Concen: 92.945 ng
RT: 15.015 min Scan# 2030
Delta R.T. 0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:139 Resp: 113539

Ion	Ratio	Lower	Upper
139	100		
109	103.9	67.8	107.8
65	133.2	103.7	143.7



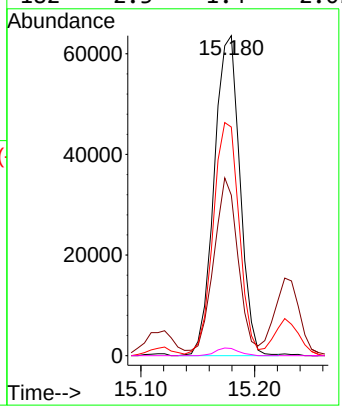


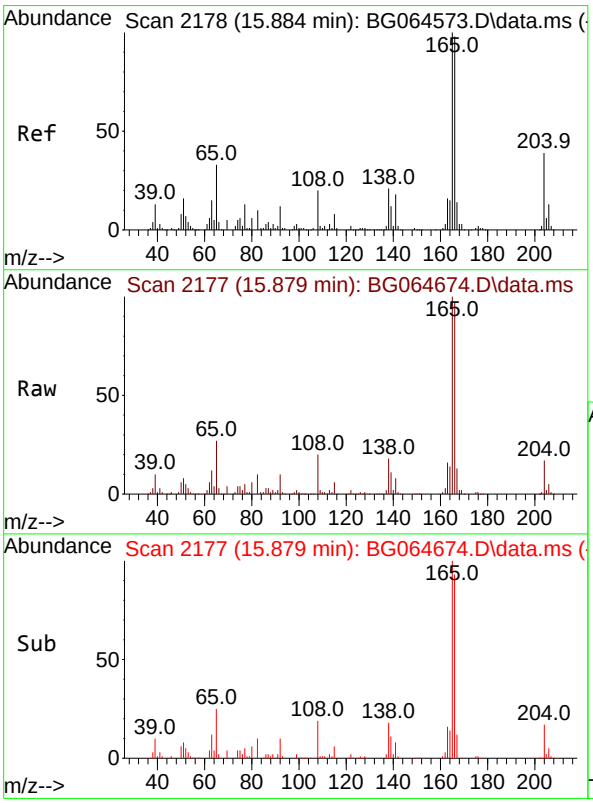
#57
2,4-Dinitrotoluene
Concen: 50.936 ng
RT: 15.180 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Tgt Ion:165 Resp: 100016

Ion	Ratio	Lower	Upper
165	100		
63	50.2	41.8	62.8
89	71.5	58.1	87.1
182	2.3	1.4	2.0#

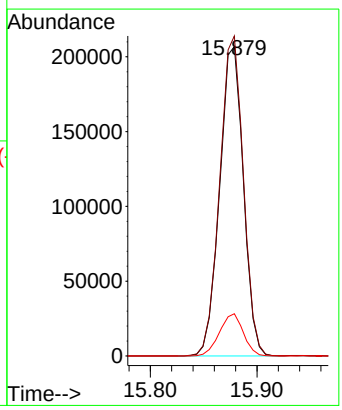


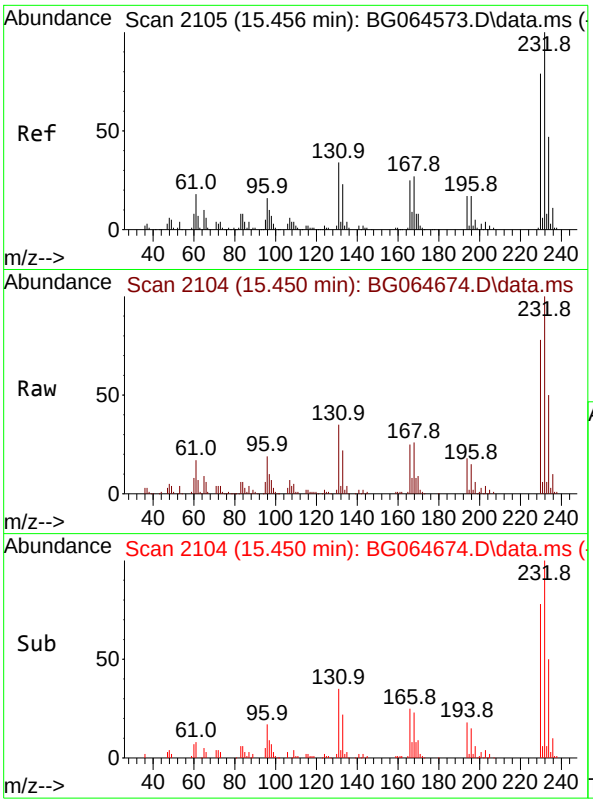


#58
Fluorene
Concen: 43.579 ng
RT: 15.879 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:166 Resp: 318811

Ion	Ratio	Lower	Upper
166	100		
165	103.4	81.5	122.3
167	13.6	11.4	17.0



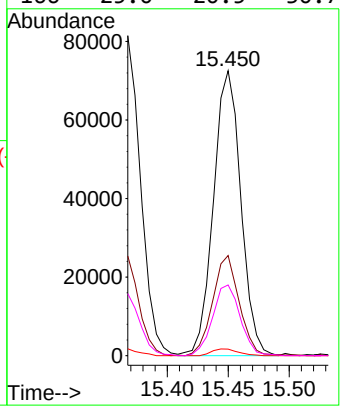


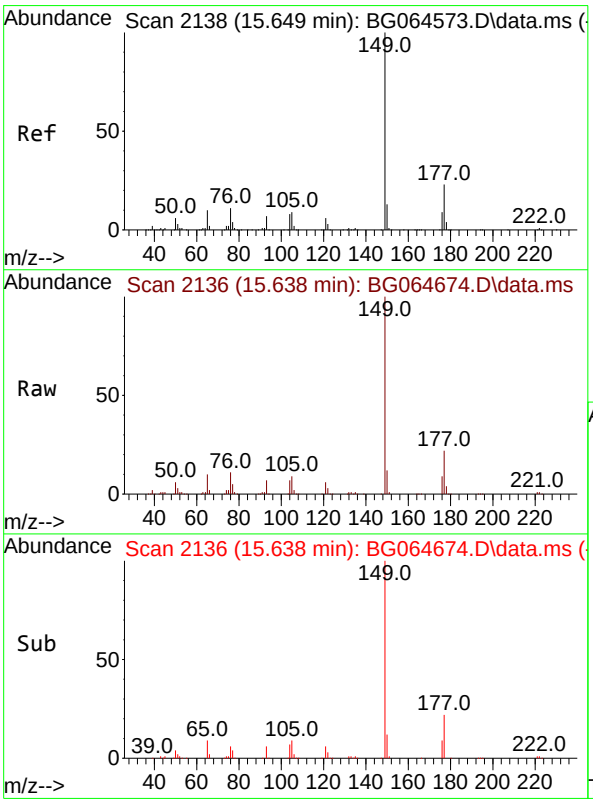
#59
2,3,4,6-Tetrachlorophenol
Concen: 53.489 ng
RT: 15.450 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Tgt Ion:232 Resp: 113530

Ion	Ratio	Lower	Upper
232	100		
131	34.3	26.7	40.1
130	2.3	1.6	2.4
166	25.0	20.5	30.7

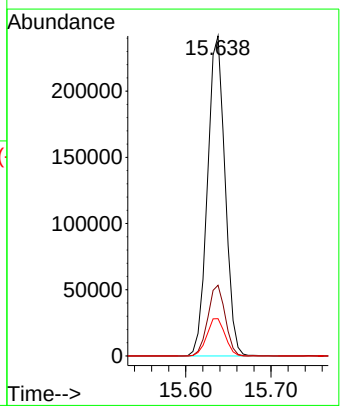


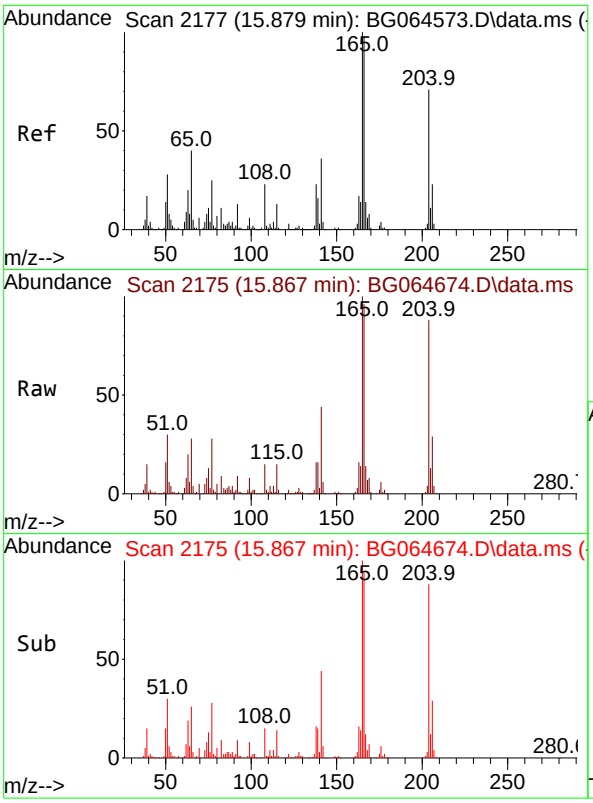


#60
Diethylphthalate
Concen: 44.012 ng
RT: 15.638 min Scan# 2136
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:149 Resp: 344532

Ion	Ratio	Lower	Upper
149	100		
177	22.1	18.0	27.0
150	11.7	10.2	15.4



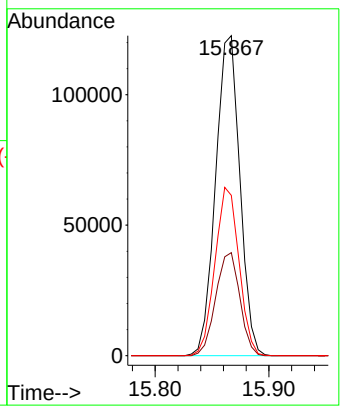


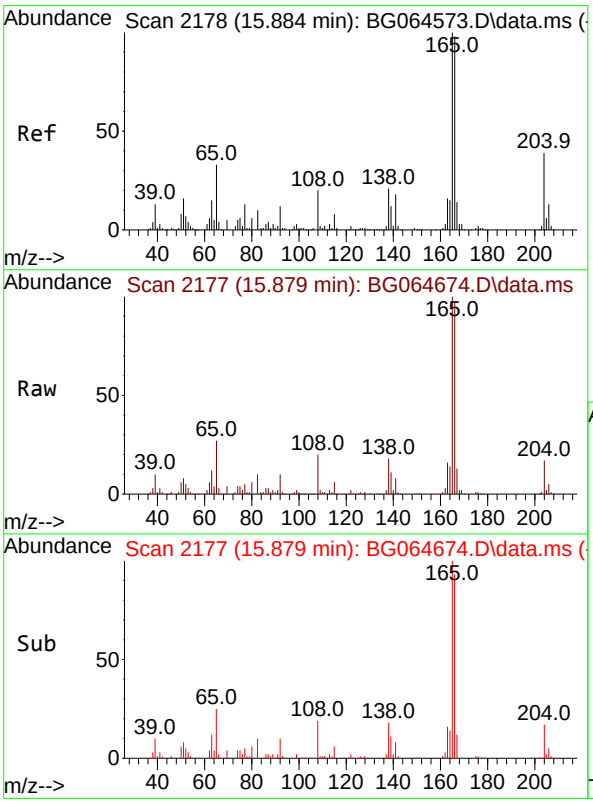
#61
4-Chlorophenyl-phenylether
Concen: 44.254 ng
RT: 15.867 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Tgt Ion:204 Resp: 181685

Ion	Ratio	Lower	Upper
204	100		
206	32.2	25.6	38.4
141	50.1	40.6	60.8

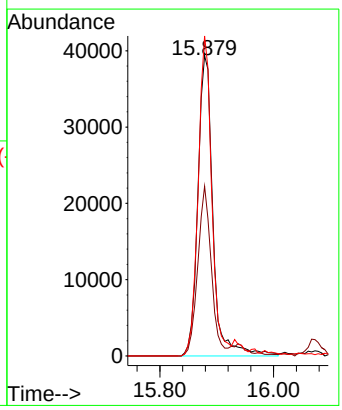


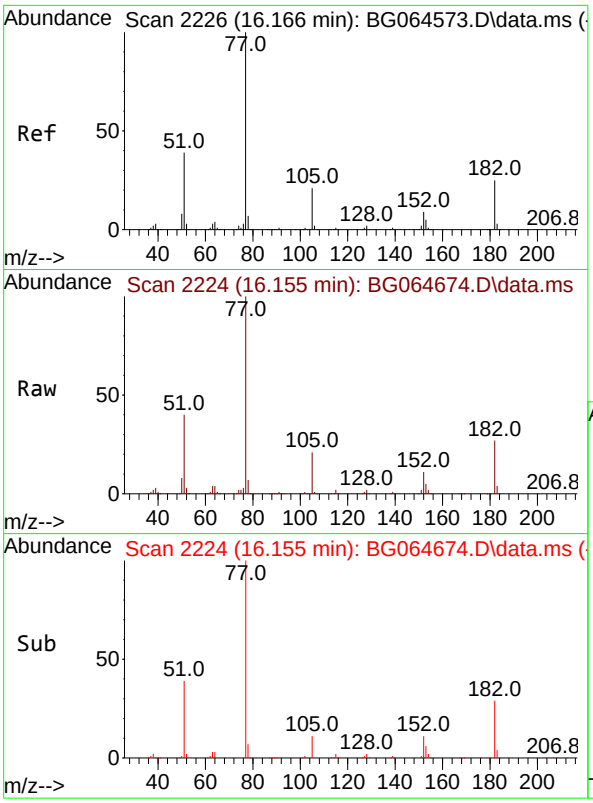


#62
4-Nitroaniline
Concen: 49.643 ng
RT: 15.879 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:138 Resp: 72768

Ion	Ratio	Lower	Upper
138	100		
92	56.5	36.1	76.1
108	106.5	75.6	115.6



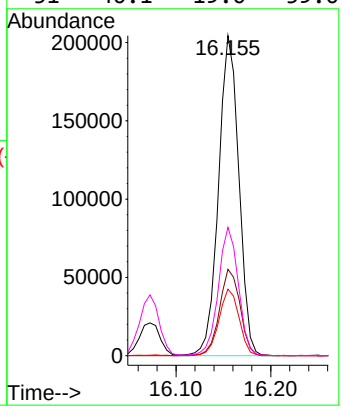


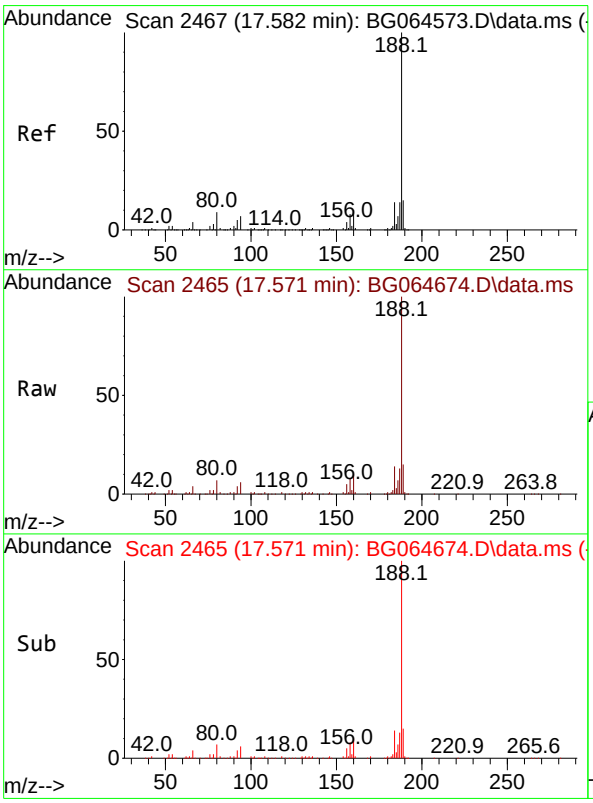
#63
Azobenzene
Concen: 42.435 ng
RT: 16.155 min Scan# 2
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Tgt Ion: 77 Resp: 304790

Ion	Ratio	Lower	Upper
77	100		
182	27.0	4.9	44.9
105	20.8	1.3	41.3
51	40.1	19.0	59.0

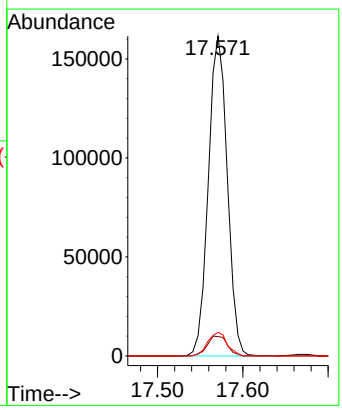


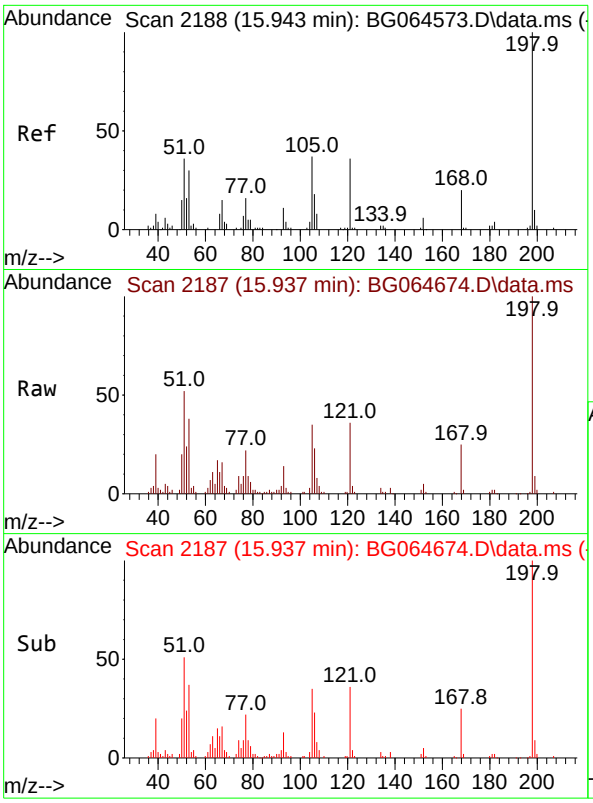


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.571 min Scan# 2465
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:188 Resp: 249048

Ion	Ratio	Lower	Upper
188	100		
94	6.0	5.7	8.5
80	7.4	6.8	10.2



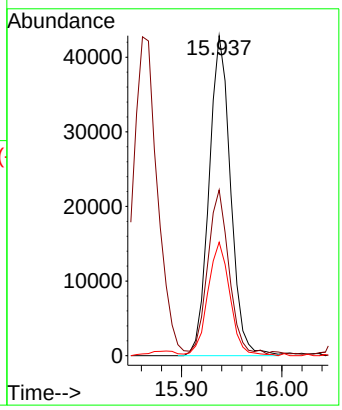


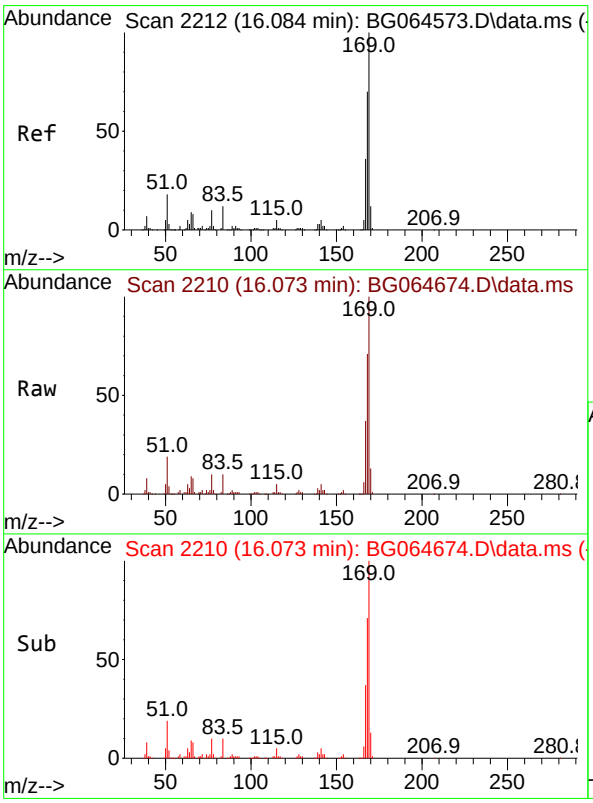
#65
4,6-Dinitro-2-methylphenol
Concen: 57.216 ng
RT: 15.937 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Tgt Ion:198 Resp: 63990

Ion	Ratio	Lower	Upper
198	100		
51	51.8	24.7	64.7
105	35.5	18.0	58.0

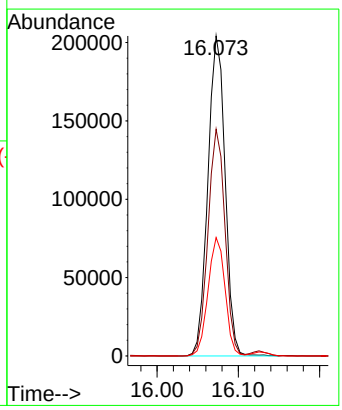


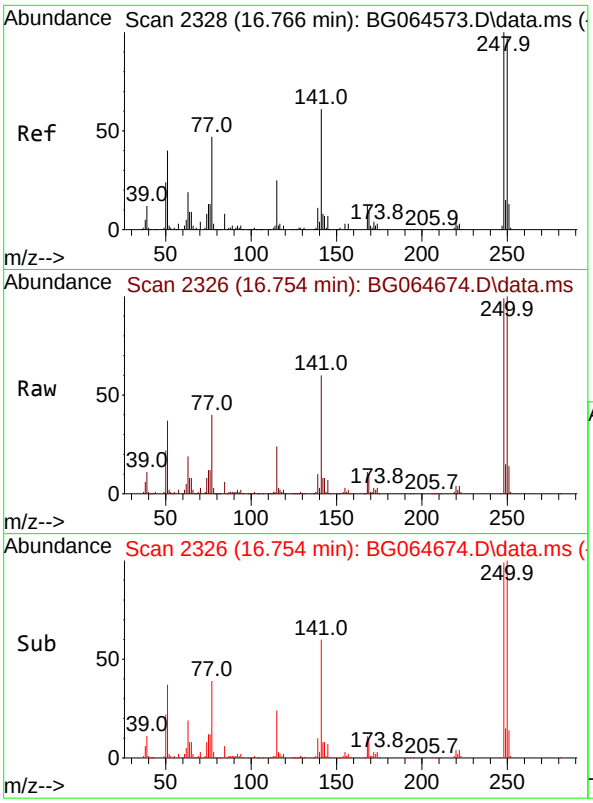


#66
n-Nitrosodiphenylamine
Concen: 44.665 ng
RT: 16.073 min Scan# 2210
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:169 Resp: 300484

Ion	Ratio	Lower	Upper
169	100		
168	70.9	56.3	84.5
167	37.0	29.0	43.6



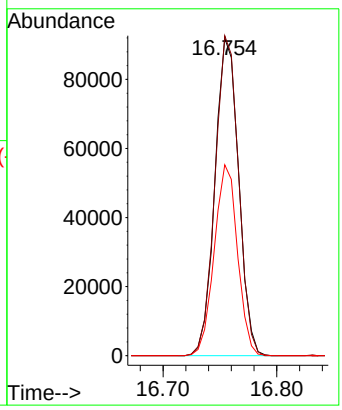


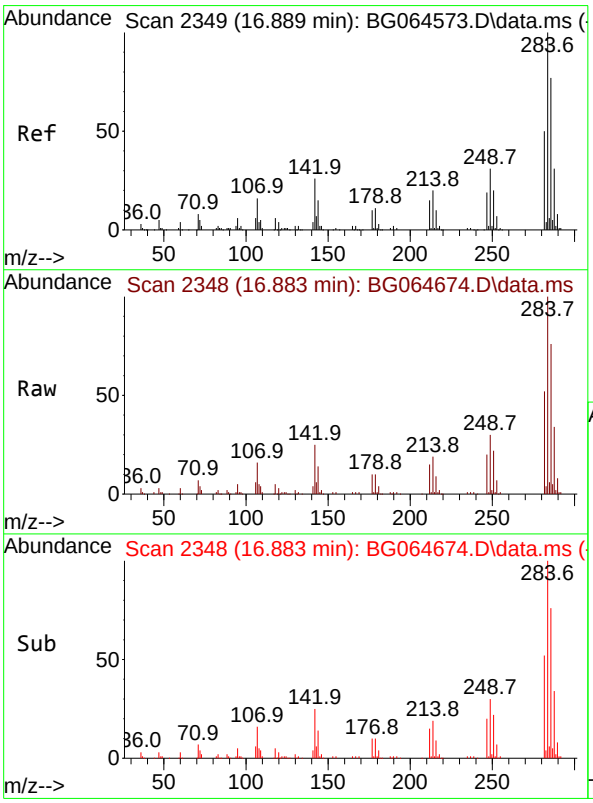
#67
4-Bromophenyl-phenylether
Concen: 45.068 ng
RT: 16.754 min Scan# 2
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Tgt Ion:248 Resp: 133009

Ion	Ratio	Lower	Upper
248	100		
250	100.8	77.7	116.5
141	60.1	48.6	72.8

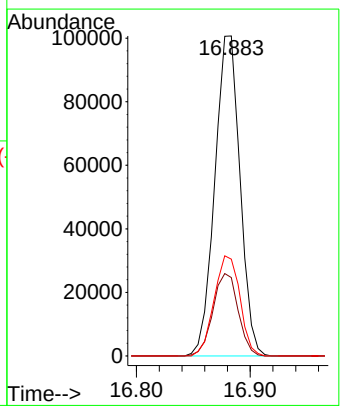


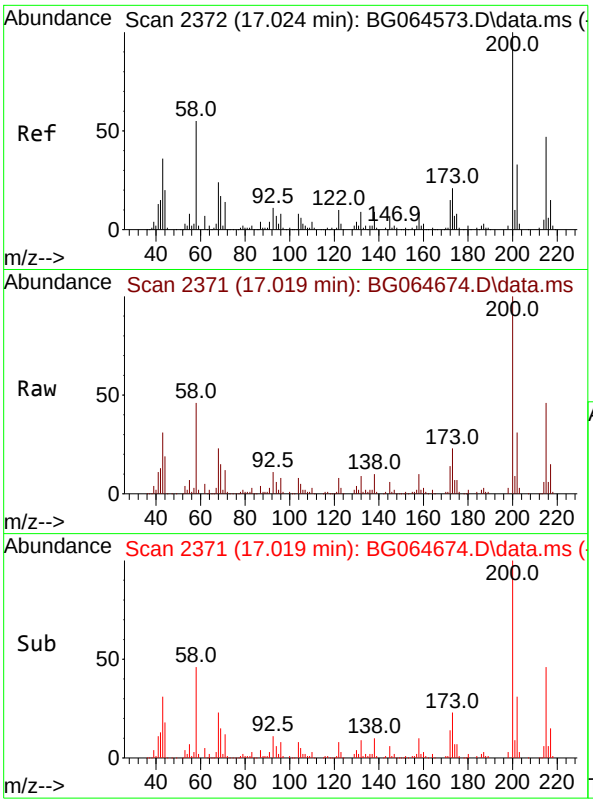


#68
Hexachlorobenzene
Concen: 46.126 ng
RT: 16.883 min Scan# 2348
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:284 Resp: 155303

Ion	Ratio	Lower	Upper
284	100		
142	24.5	21.0	31.6
249	32.7	24.9	37.3



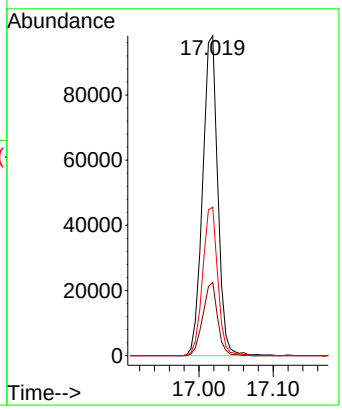


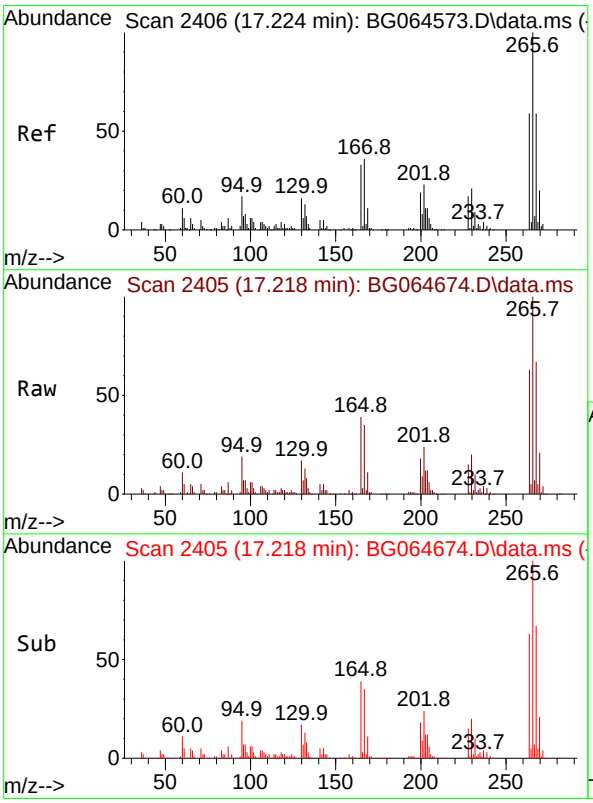
#69
Atrazine
Concen: 48.248 ng
RT: 17.019 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Tgt Ion:200 Resp: 139683

Ion	Ratio	Lower	Upper
200	100		
173	22.9	0.9	40.9
215	46.4	27.0	67.0

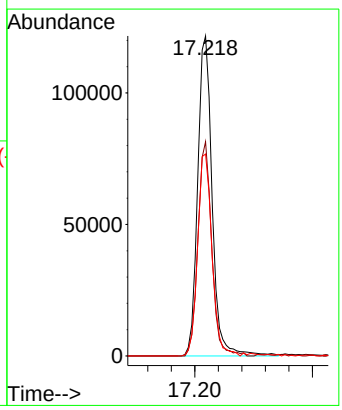


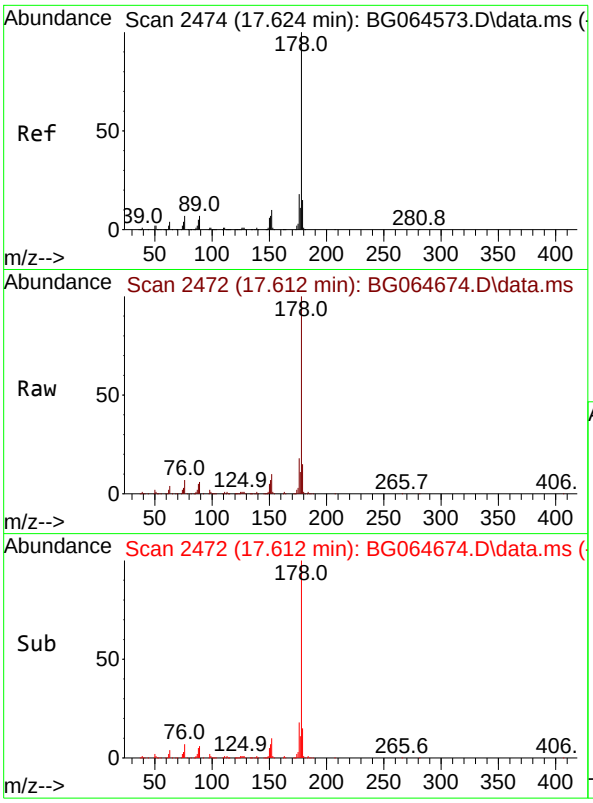


#70
Pentachlorophenol
Concen: 98.918 ng
RT: 17.218 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:266 Resp: 207688

Ion	Ratio	Lower	Upper
266	100		
268	71.8	50.3	75.5
264	68.2	47.3	70.9



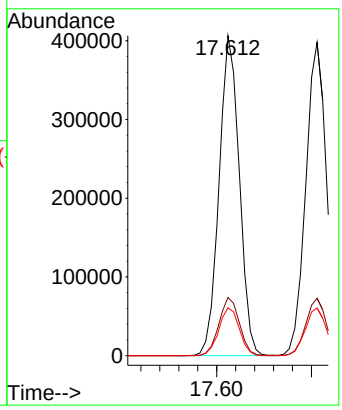


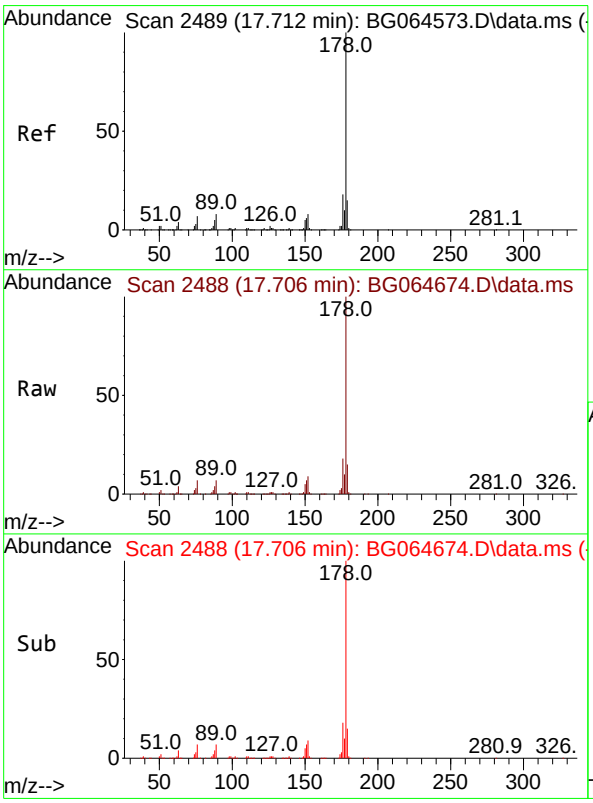
#71
Phenanthrene
Concen: 44.262 ng
RT: 17.612 min Scan# 24
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Tgt Ion:178 Resp: 602824

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.7	22.1
179	15.0	12.2	18.4

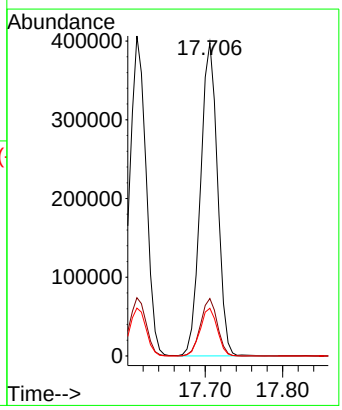


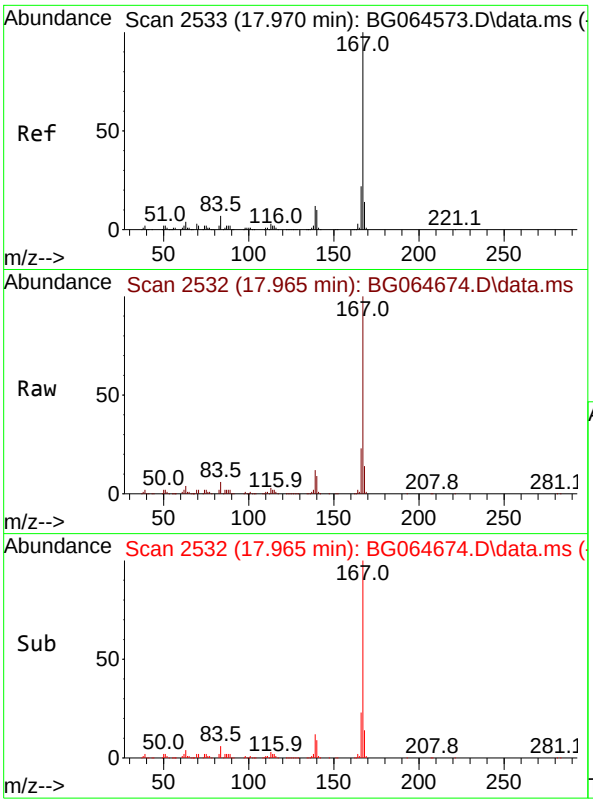


#72
Anthracene
Concen: 43.668 ng
RT: 17.706 min Scan# 2488
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:178 Resp: 604988

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.4	21.6
179	15.2	12.4	18.6



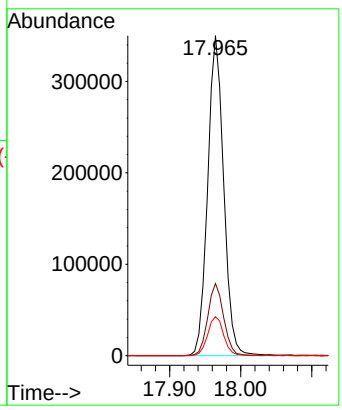


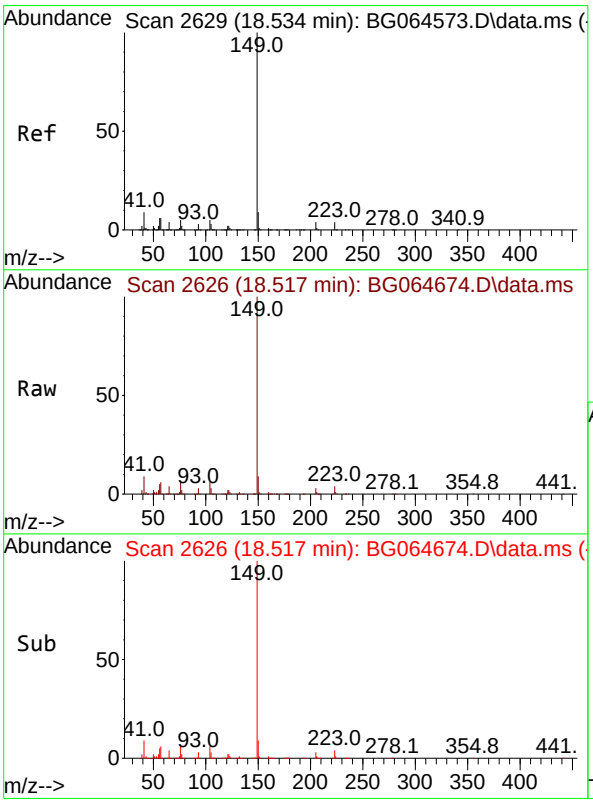
#73
Carbazole
Concen: 44.812 ng
RT: 17.965 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Tgt Ion:167 Resp: 547456

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.9	26.9
139	12.2	9.7	14.5

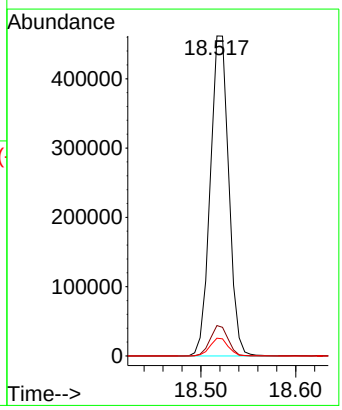


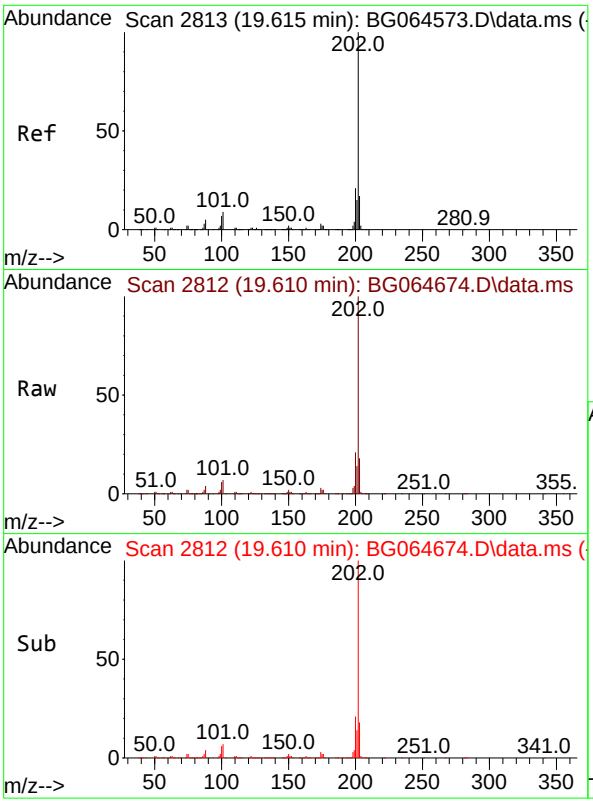


#74
Di-n-butylphthalate
Concen: 44.244 ng
RT: 18.517 min Scan# 2626
Delta R.T. -0.017 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:149 Resp: 625052

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.0	10.6
104	5.5	4.1	6.1



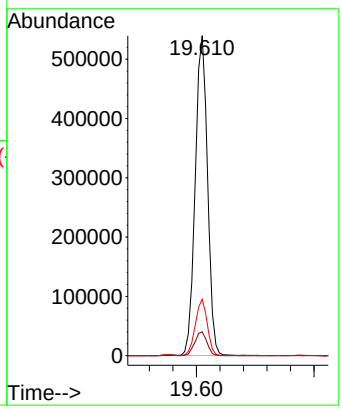


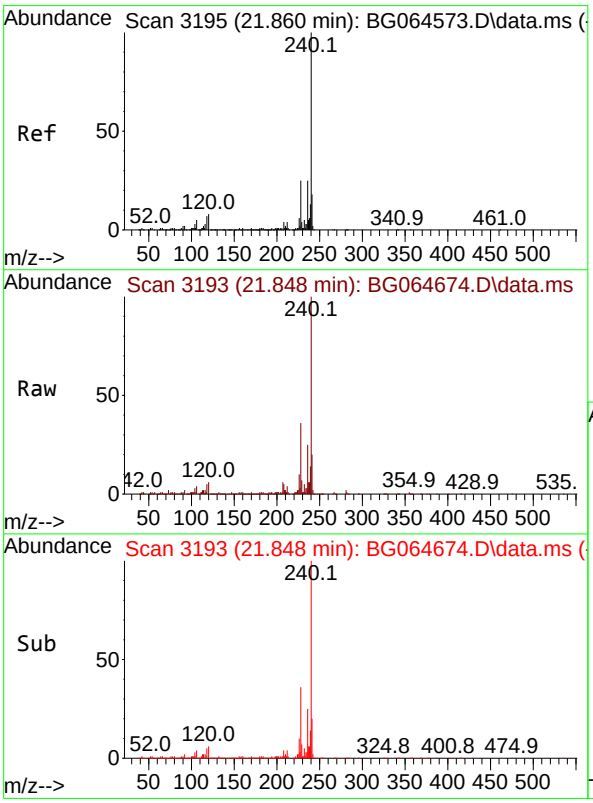
#75
Fluoranthene
Concen: 45.872 ng
RT: 19.610 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Tgt Ion:202 Resp: 782658

Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	28.7
203	17.6	0.0	37.0

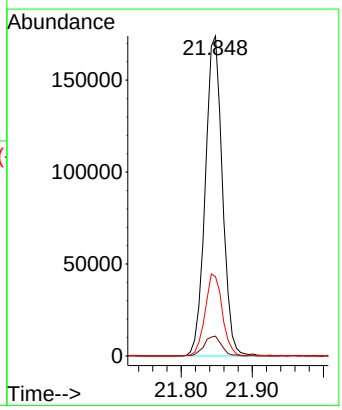


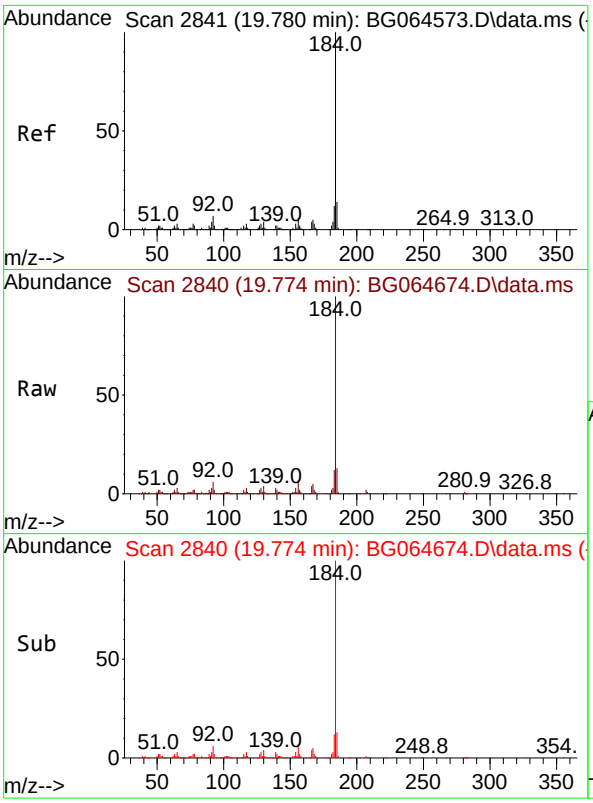


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.848 min Scan# 3193
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:240 Resp: 291284

Ion	Ratio	Lower	Upper
240	100		
120	6.2	6.5	9.7#
236	24.8	20.2	30.2



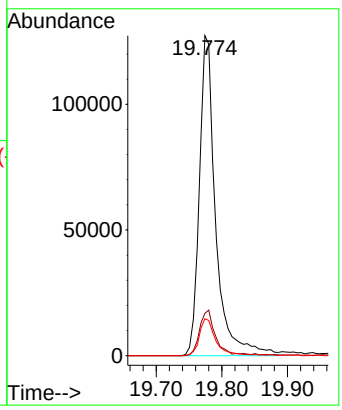


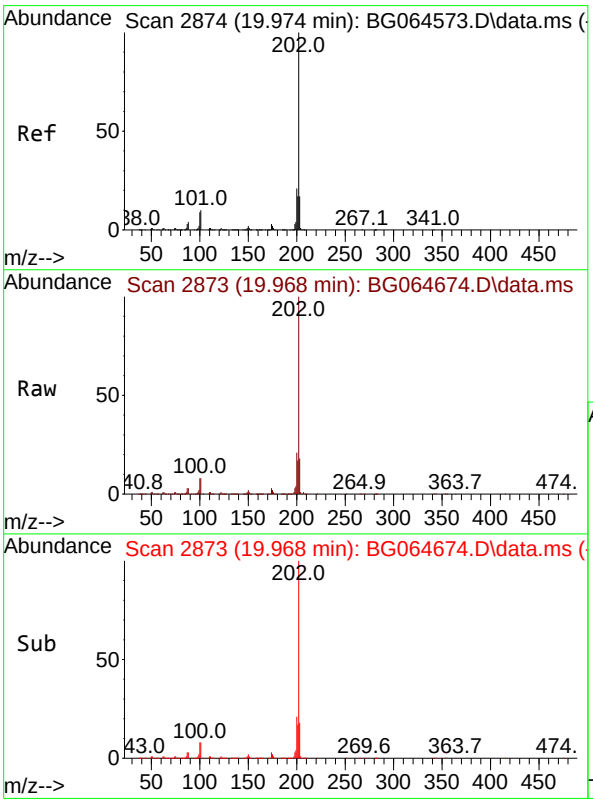
#77
Benzidine
Concen: 33.863 ng
RT: 19.774 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Tgt Ion:184 Resp: 220989

Ion	Ratio	Lower	Upper
184	100		
185	13.2	11.4	17.2
183	11.5	9.4	14.2

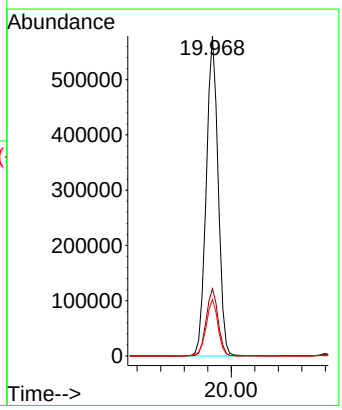


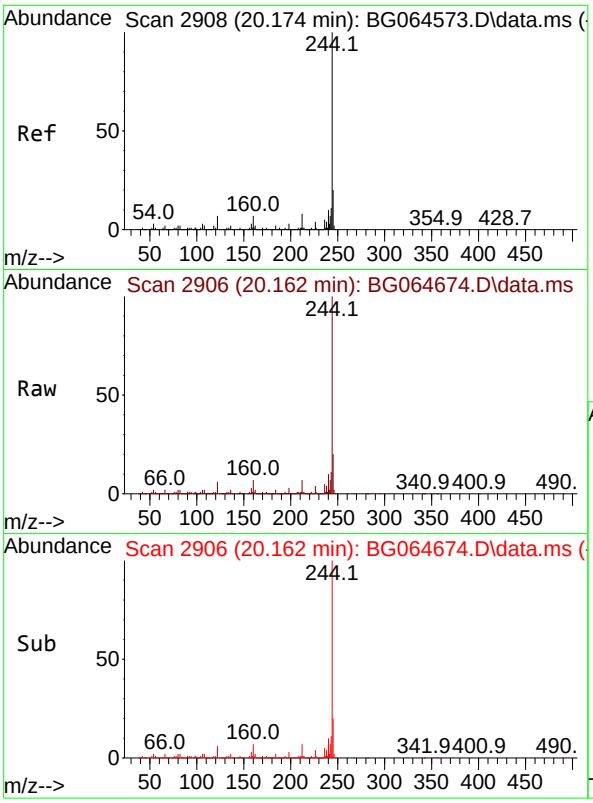


#78
Pyrene
Concen: 42.587 ng
RT: 19.968 min Scan# 2873
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:202 Resp: 810468

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.4
203	17.7	13.8	20.6



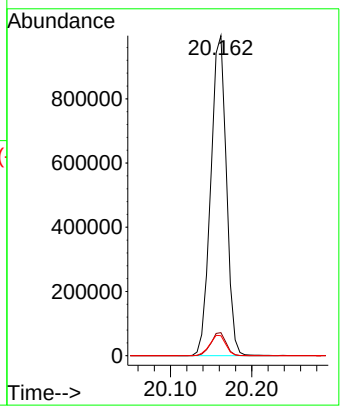


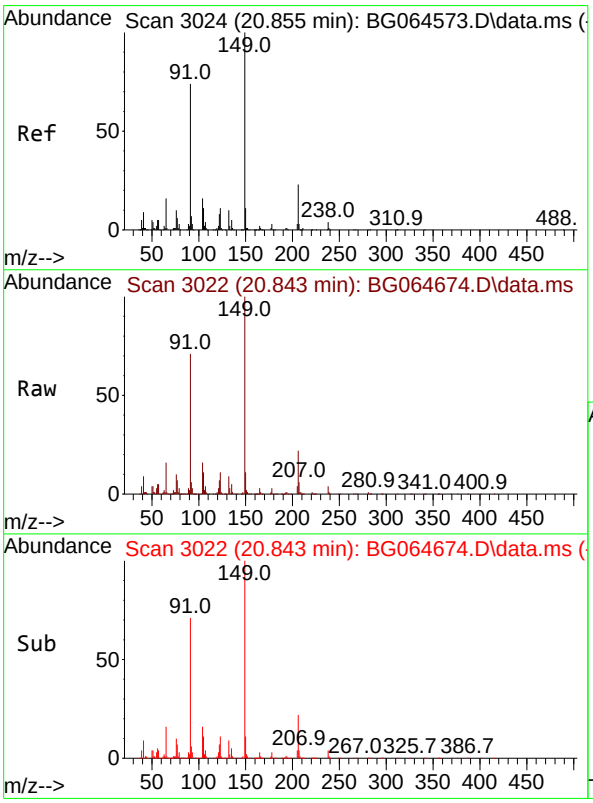
#79
Terphenyl-d14
Concen: 86.163 ng
RT: 20.162 min Scan# 2
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Tgt Ion:244 Resp: 1329926

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	6.3	5.6	8.4

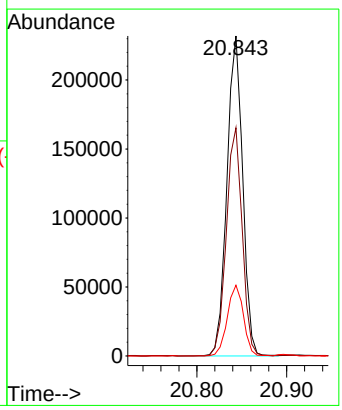


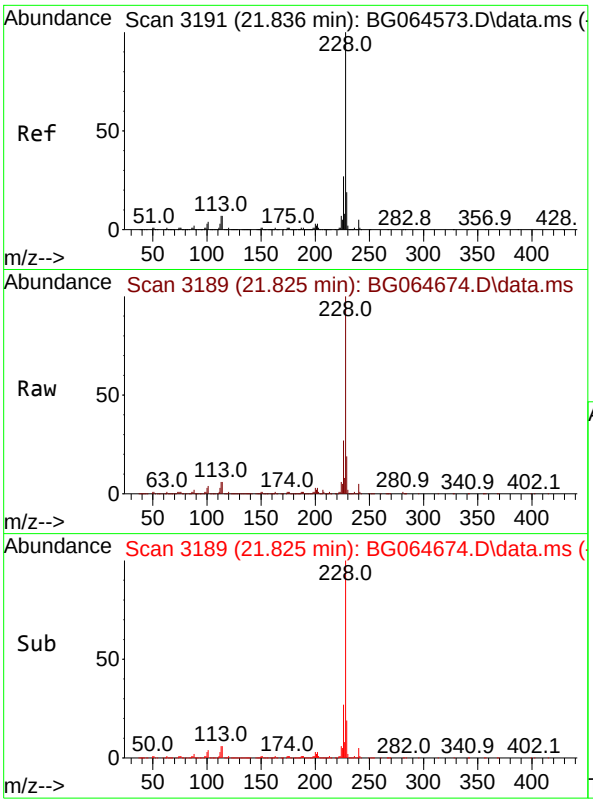


#80
Butylbenzylphthalate
Concen: 49.163 ng
RT: 20.843 min Scan# 3022
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:149 Resp: 282780

Ion	Ratio	Lower	Upper
149	100		
91	71.3	59.2	88.8
206	22.1	18.1	27.1



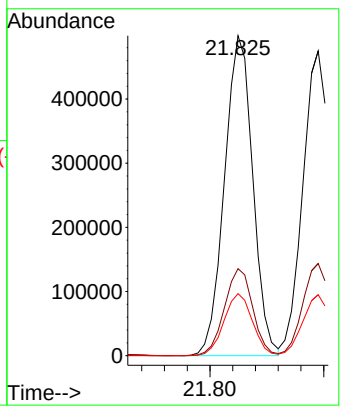


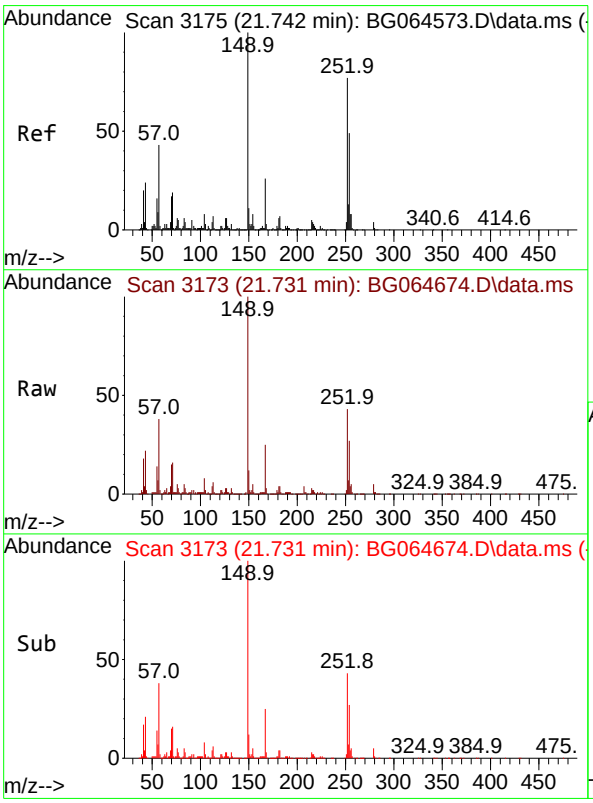
#81
Benzo(a)anthracene
Concen: 44.692 ng
RT: 21.825 min Scan# 3
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Tgt Ion:228 Resp: 863171

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.9	32.9
229	19.4	15.6	23.4

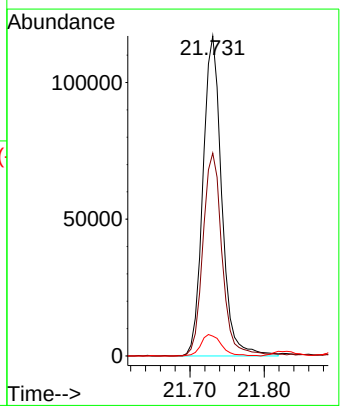


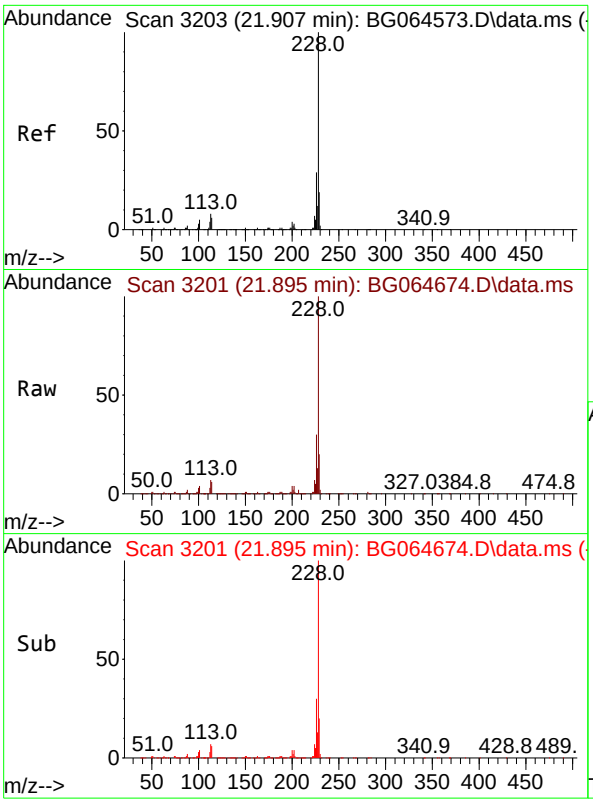


#82
3,3'-Dichlorobenzidine
Concen: 31.839 ng
RT: 21.731 min Scan# 3173
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:252 Resp: 205344

Ion	Ratio	Lower	Upper
252	100		
254	63.4	50.8	76.2
126	6.2	5.8	8.6



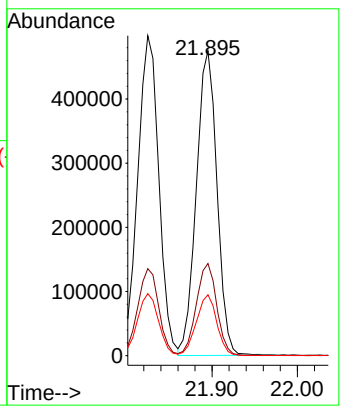


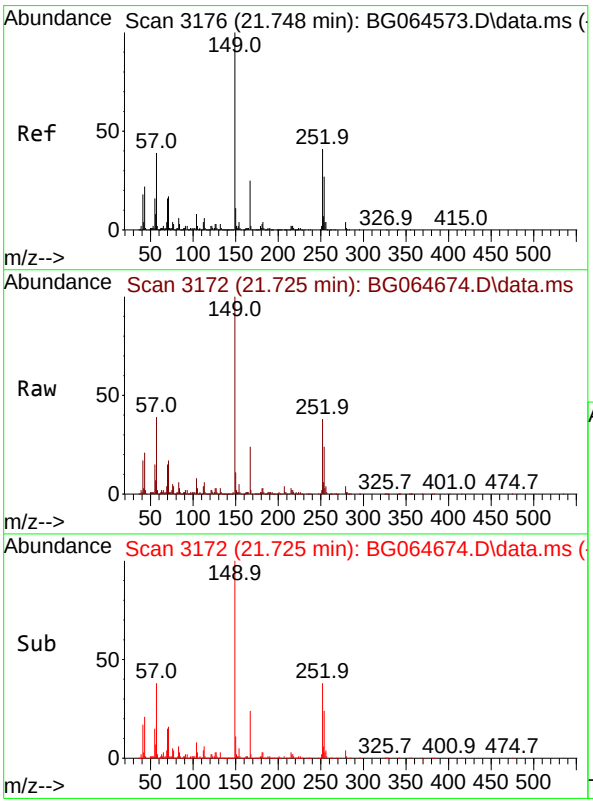
#83
Chrysene
Concen: 43.435 ng
RT: 21.895 min Scan# 3
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Tgt Ion:228 Resp: 798229

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.3	34.9
229	20.0	15.2	22.8

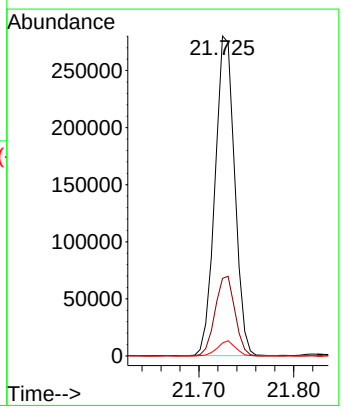


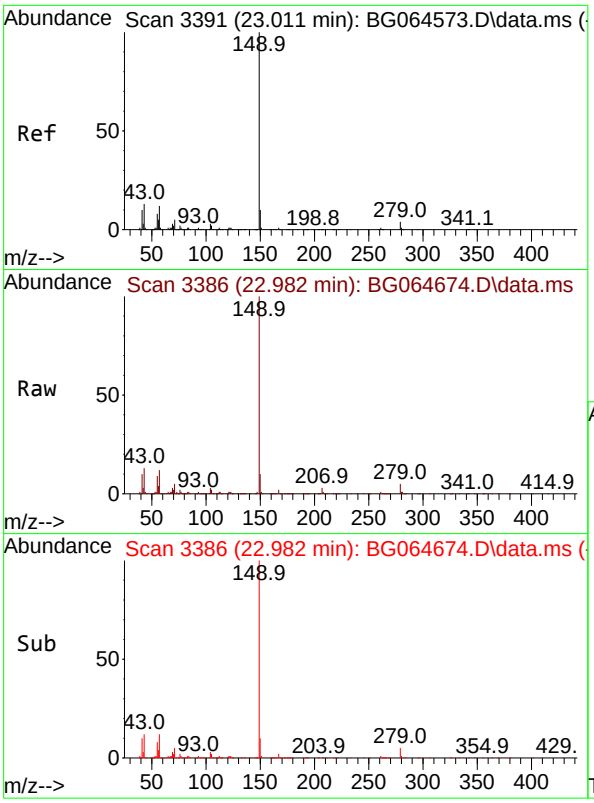


#84
Bis(2-ethylhexyl)phthalate
Concen: 46.897 ng
RT: 21.725 min Scan# 3172
Delta R.T. -0.023 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:149 Resp: 403065

Ion	Ratio	Lower	Upper
149	100		
167	24.2	20.0	30.0
279	4.1	3.1	4.7



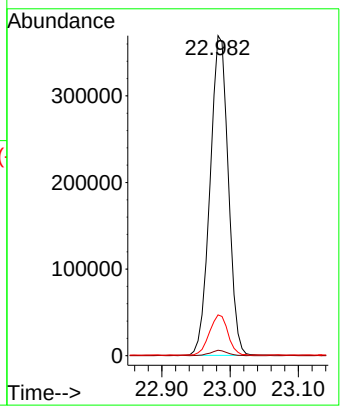


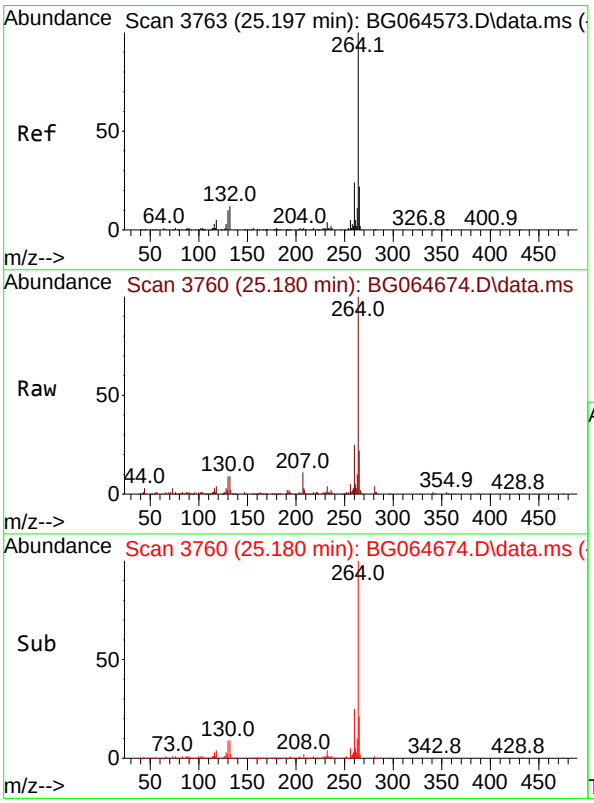
#85
Di-n-octyl phthalate
Concen: 47.394 ng
RT: 22.982 min Scan# 3
Delta R.T. -0.029 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Tgt Ion:149 Resp: 686767

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.8	10.8	16.2

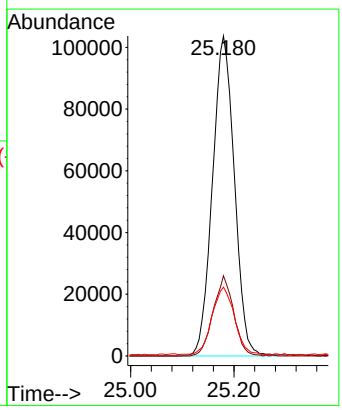


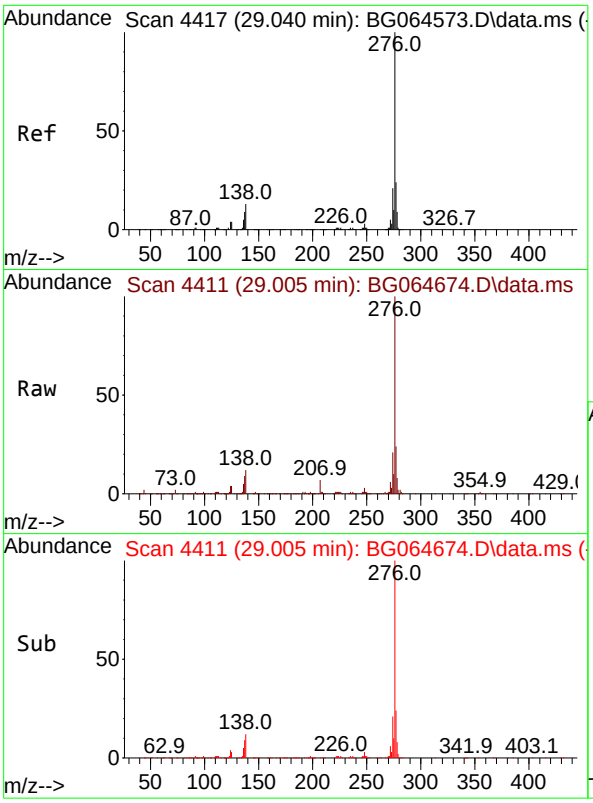


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.180 min Scan# 3760
Delta R.T. -0.018 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:264 Resp: 304737

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.0	28.4
265	21.5	17.6	26.4



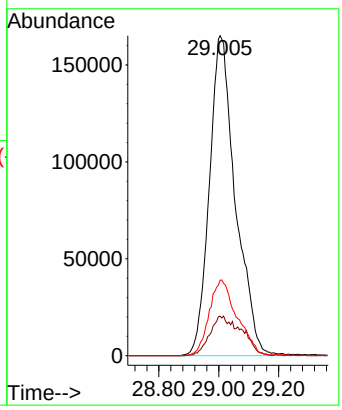


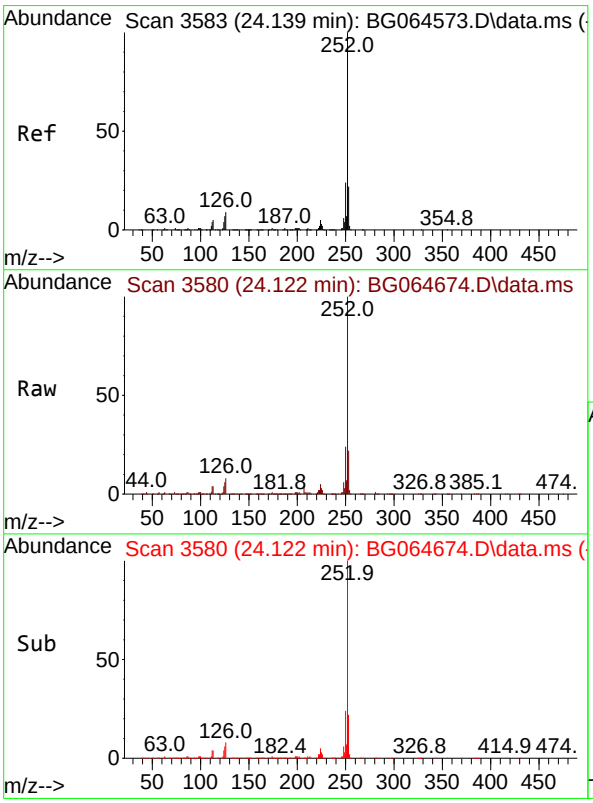
#87
Indeno(1,2,3-cd)pyrene
Concen: 44.553 ng
RT: 29.005 min Scan# 4
Delta R.T. -0.035 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Tgt Ion:276 Resp: 998764

Ion	Ratio	Lower	Upper
276	100		
138	10.7	10.8	16.2#
277	25.3	20.1	30.1

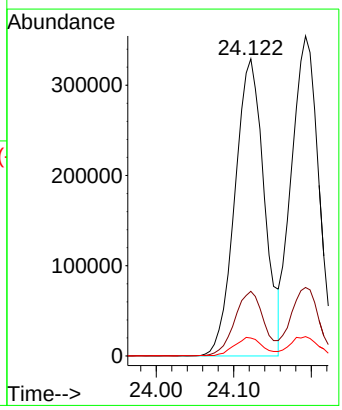


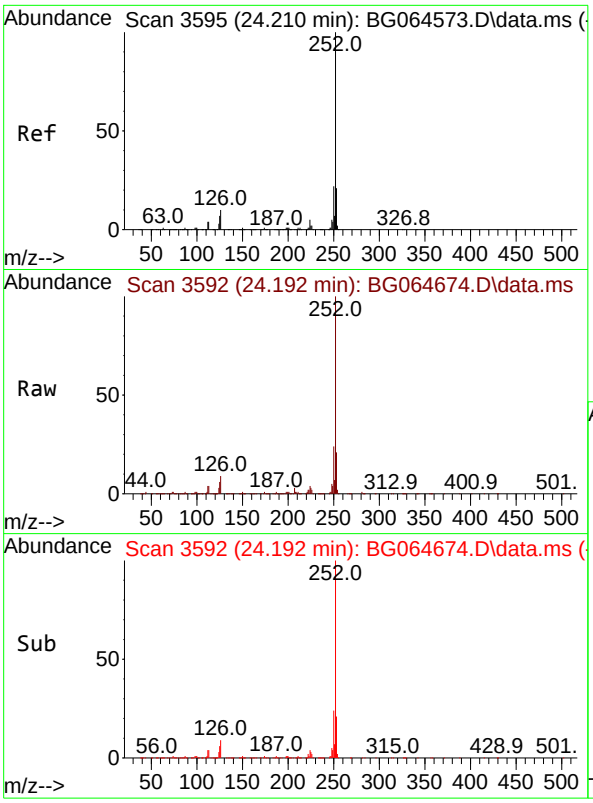


#88
Benzo(b)fluoranthene
Concen: 46.311 ng
RT: 24.122 min Scan# 3580
Delta R.T. -0.017 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:252 Resp: 865386

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	6.0	5.6	8.4



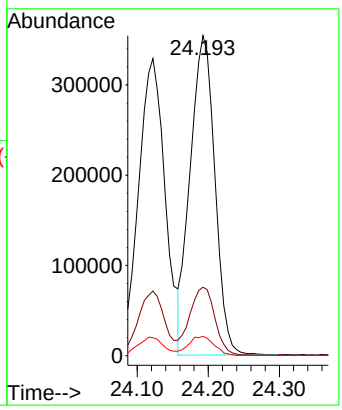


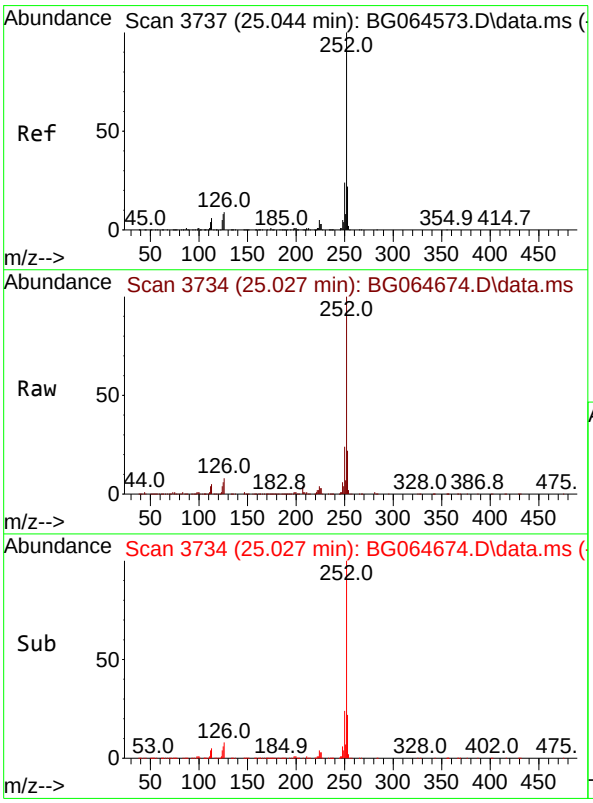
#89
Benzo(k)fluoranthene
Concen: 45.739 ng
RT: 24.192 min Scan# 3
Delta R.T. -0.017 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Tgt Ion:252 Resp: 855280

Ion	Ratio	Lower	Upper
252	100		
253	21.4	16.8	25.2
125	6.1	5.4	8.0

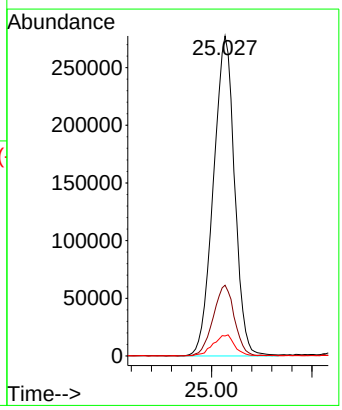


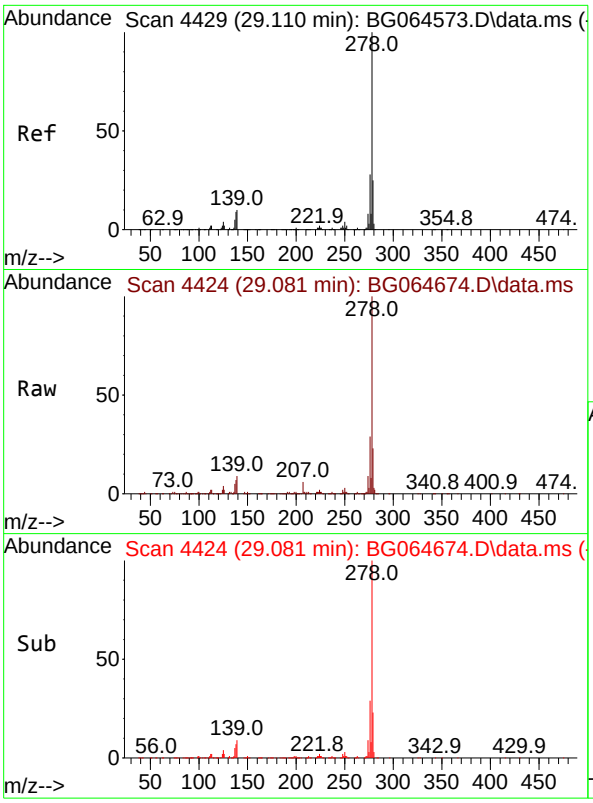


#90
Benzo(a)pyrene
Concen: 47.305 ng
RT: 25.027 min Scan# 3734
Delta R.T. -0.017 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:252 Resp: 812553

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	6.3	6.1	9.1



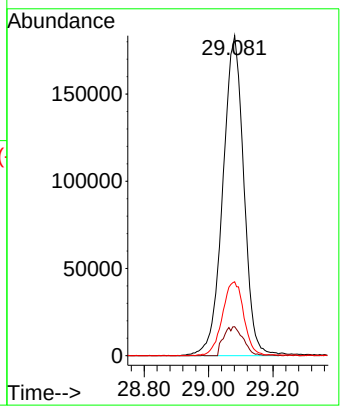


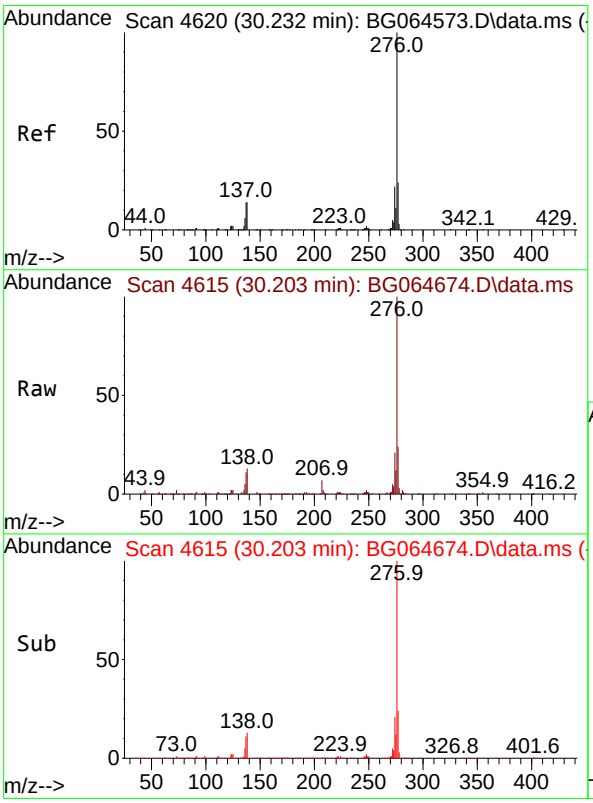
#91
Dibenzo(a,h)anthracene
Concen: 45.540 ng
RT: 29.081 min Scan# 4
Delta R.T. -0.029 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Tgt Ion:278 Resp: 829406

Ion	Ratio	Lower	Upper
278	100		
139	9.0	8.0	12.0
279	23.1	19.8	29.6

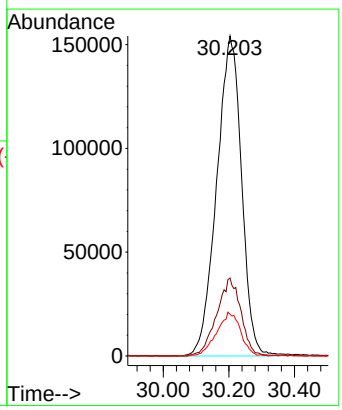




#92
Benzo(g,h,i)perylene
Concen: 46.425 ng
RT: 30.203 min Scan# 4615
Delta R.T. -0.029 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:276 Resp: 807697

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.1	28.7
138	13.1	11.3	16.9



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064683.D
Acq On : 3 Nov 2025 22:05
Operator : RC/JU
Sample : Q3399-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Quant Time: Nov 04 00:47:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.205	152	30518	20.000	ng		-0.02
21) Naphthalene-d8	11.031	136	124719	20.000	ng		-0.02
39) Acenaphthene-d10	14.833	164	97711	20.000	ng		-0.01
64) Phenanthrene-d10	17.571	188	238341	20.000	ng		-0.01
76) Chrysene-d12	21.842	240	278646	20.000	ng		#-0.02
86) Perylene-d12	25.174	264	306904	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.743	112	161318	88.725	ng		0.00
7) Phenol-d6	7.347	99	227772	91.294	ng		0.00
23) Nitrobenzene-d5	9.369	82	142697	68.721	ng		-0.02
42) 2,4,6-Tribromophenol	16.313	330	168077	119.181	ng		0.00
45) 2-Fluorobiphenyl	13.458	172	383758	59.531	ng		-0.02
79) Terphenyl-d14	20.156	244	884480	59.903	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.569	88	25593	31.794	ng		97
3) Pyridine	3.987	79	73171	30.270	ng		98
4) n-Nitrosodimethylamine	3.893	42	50075	38.629	ng		86
6) Aniline	7.518	93	96754	28.500	ng		98
8) 2-Chlorophenol	7.770	128	97222	51.087	ng		95
9) Benzaldehyde	7.330	77	41376	30.377	ng		94
10) Phenol	7.377	94	127181	46.094	ng		95
11) bis(2-Chloroethyl)ether	7.612	93	84758	41.782	ng		97
12) 1,3-Dichlorobenzene	8.099	146	101499	46.339	ng		96
13) 1,4-Dichlorobenzene	8.246	146	104608	46.969	ng		96
14) 1,2-Dichlorobenzene	8.564	146	103345	48.108	ng		99
15) Benzyl Alcohol	8.440	79	96620	46.963	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.728	45	228727	42.984	ng		99
17) 2-Methylphenol	8.646	107	91462	49.927	ng		98
18) Hexachloroethane	9.310	117	38511	49.274	ng		98
19) n-Nitroso-di-n-propyla...	9.016	70	78604	45.588	ng		99
20) 3+4-Methylphenols	8.969	107	123311	47.864	ng		97
22) Acetophenone	9.034	105	172750	50.670	ng	#	97
24) Nitrobenzene	9.416	77	114675	50.775	ng		96
25) Isophorone	9.944	82	220732	44.300	ng		98
26) 2-Nitrophenol	10.132	139	53095	60.086	ng	#	84
27) 2,4-Dimethylphenol	10.185	122	93864	50.644	ng		93
28) bis(2-Chloroethoxy)met...	10.420	93	124132	43.756	ng		96
29) 2,4-Dichlorophenol	10.673	162	106655	53.471	ng		95
30) 1,2,4-Trichlorobenzene	10.896	180	119732	52.832	ng		99
31) Naphthalene	11.084	128	322262	46.604	ng		98
32) Benzoic acid	10.309	122	51441	37.902	ng		98
33) 4-Chloroaniline	11.178	127	63504	23.628	ng		94
34) Hexachlorobutadiene	11.372	225	90752	51.204	ng		98
35) Caprolactam	11.954	113	23764	31.063	ng		92
36) 4-Chloro-3-methylphenol	12.289	107	122135	50.941	ng		100
37) 2-Methylnaphthalene	12.676	142	216894	42.723	ng		99
38) 1-Methylnaphthalene	12.894	142	226918	45.150	ng		94
40) 1,2,4,5-Tetrachloroben...	13.041	216	180666	55.094	ng		99
41) Hexachlorocyclopentadiene	13.029	237	218454	148.003	ng		96
43) 2,4,6-Trichlorophenol	13.270	196	102706	54.754	ng		97

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064683.D
Acq On : 3 Nov 2025 22:05
Operator : RC/JU
Sample : Q3399-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Quant Time: Nov 04 00:47:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.340	196	114818	53.043	ng		97
46) 1,1'-Biphenyl	13.669	154	365511	52.617	ng		95
47) 2-Chloronaphthalene	13.716	162	247117	47.128	ng		99
48) 2-Nitroaniline	13.904	65	92902	52.456	ng		93
49) Acenaphthylene	14.557	152	447526	54.110	ng		99
50) Dimethylphthalate	14.280	163	350578	46.888	ng		99
51) 2,6-Dinitrotoluene	14.392	165	72025	57.691	ng		94
52) Acenaphthene	14.897	154	296446	52.462	ng		99
53) 3-Nitroaniline	14.721	138	54127	42.124	ng		99
54) 2,4-Dinitrophenol	14.927	184	86735	112.166	ng	#	36
55) Dibenzofuran	15.226	168	436524	47.784	ng		98
56) 4-Nitrophenol	15.021	139	111684	93.749	ng		92
57) 2,4-Dinitrotoluene	15.173	165	107377	55.766	ng	#	98
58) Fluorene	15.873	166	346869	48.619	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.450	232	113483	54.825	ng		99
60) Diethylphthalate	15.632	149	351361	46.024	ng		98
61) 4-Chlorophenyl-phenyle...	15.861	204	200445	50.064	ng		99
62) 4-Nitroaniline	15.879	138	77086	53.925	ng		88
63) Azobenzene	16.155	77	346233	49.429	ng		97
65) 4,6-Dinitro-2-methylph...	15.937	198	66094	61.322	ng		95
66) n-Nitrosodiphenylamine	16.072	169	320976	49.855	ng		99
67) 4-Bromophenyl-phenylether	16.754	248	147280	52.145	ng		99
68) Hexachlorobenzene	16.877	284	174527	54.164	ng		98
69) Atrazine	17.012	200	146558	52.897	ng		97
70) Pentachlorophenol	17.218	266	138736	69.046	ng		94
71) Phenanthrene	17.612	178	626478	48.065	ng		99
72) Anthracene	17.706	178	637519	48.084	ng		99
73) Carbazole	17.964	167	559713	47.873	ng		99
74) Di-n-butylphthalate	18.517	149	640771	47.395	ng		99
75) Fluoranthene	19.609	202	800886	49.049	ng		97
77) Benzidine	19.774	184	233853	37.459	ng		99
78) Pyrene	19.968	202	824584	45.294	ng		99
80) Butylbenzylphthalate	20.837	149	283110	51.453	ng		97
81) Benzo(a)anthracene	21.825	228	895006	48.442	ng		99
82) 3,3'-Dichlorobenzidine	21.725	252	223522	36.229	ng		98
83) Chrysene	21.889	228	840571	47.814	ng		98
84) Bis(2-ethylhexyl)phtha...	21.725	149	403941	49.131	ng		98
85) Di-n-octyl phthalate	22.982	149	701716	50.622	ng		97
87) Indeno(1,2,3-cd)pyrene	29.010	276	1117590	49.501	ng	#	96
88) Benzo(b)fluoranthene	24.116	252	917327	48.744	ng		99
89) Benzo(k)fluoranthene	24.186	252	938287	49.823	ng		98
90) Benzo(a)pyrene	25.021	252	886118	51.224	ng		99
91) Dibenzo(a,h)anthracene	29.075	278	913373	49.797	ng		99
92) Benzo(g,h,i)perylene	30.197	276	889972	50.793	ng	#	96

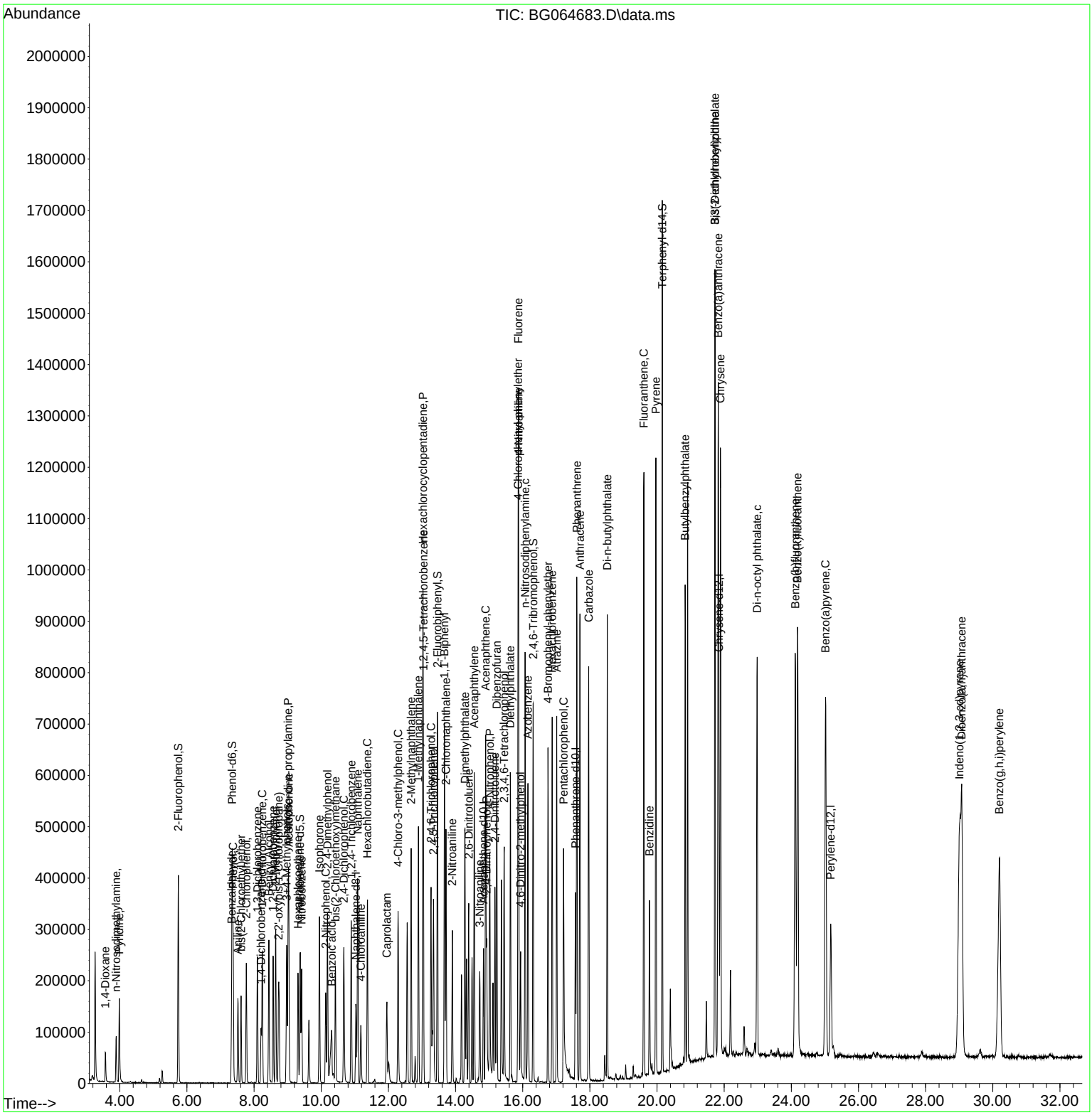
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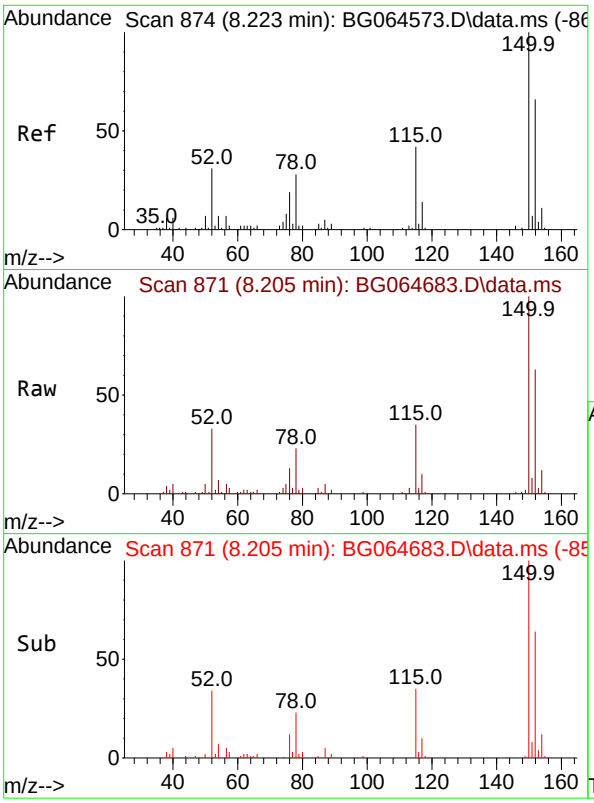
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064683.D
Acq On : 3 Nov 2025 22:05
Operator : RC/JU
Sample : Q3399-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Quant Time: Nov 04 00:47:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration



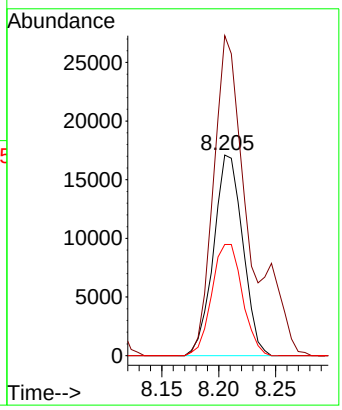


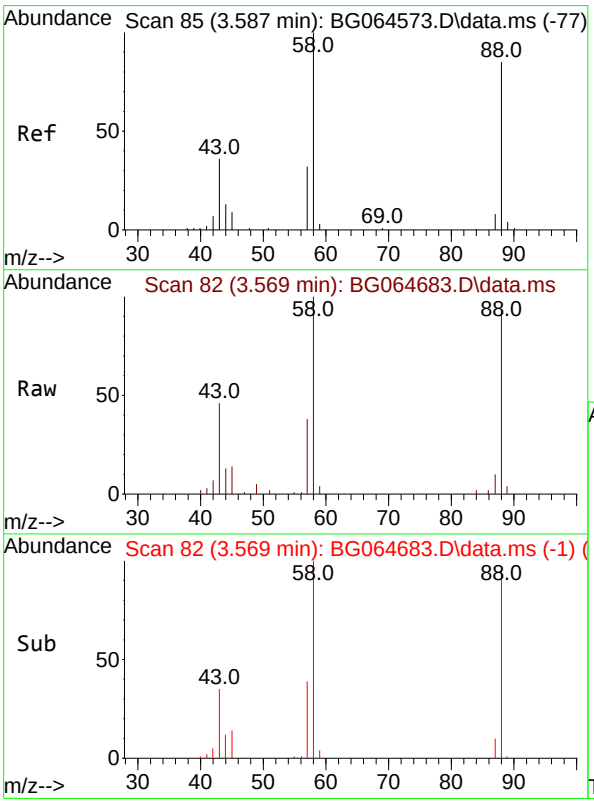
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.205 min Scan# 8
Delta R.T. -0.018 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Tgt Ion:152 Resp: 30518

Ion	Ratio	Lower	Upper
152	100		
150	159.5	122.2	183.4
115	55.4	50.8	76.2

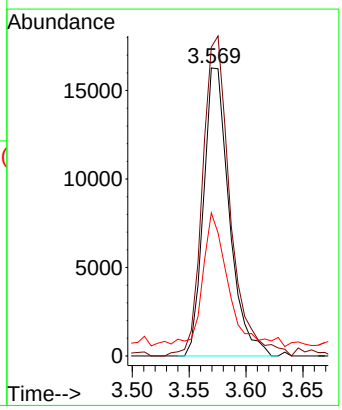


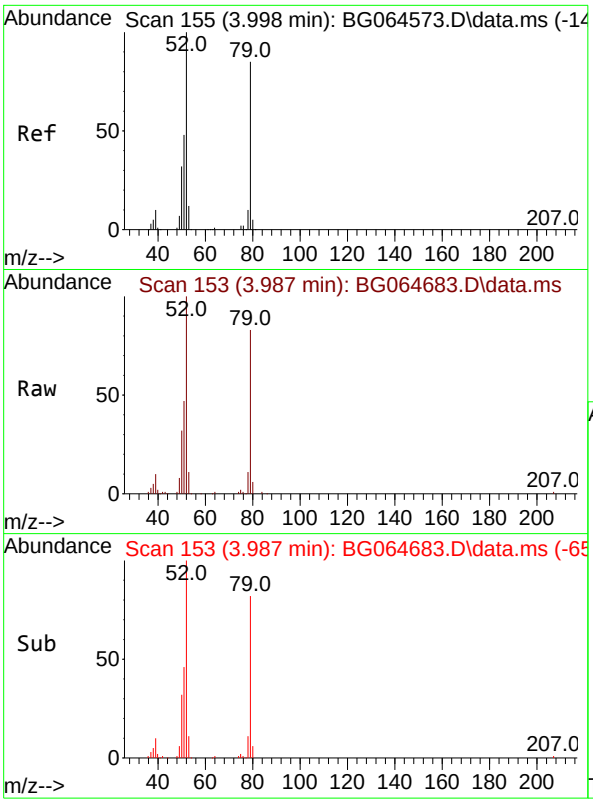


#2
1,4-Dioxane
Concen: 31.794 ng
RT: 3.569 min Scan# 82
Delta R.T. -0.018 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion: 88 Resp: 25593

Ion	Ratio	Lower	Upper
88	100		
58	119.4	92.4	138.6
43	41.3	33.0	49.6



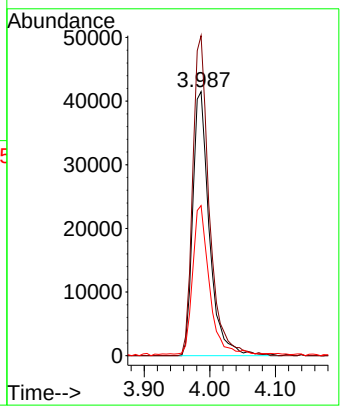


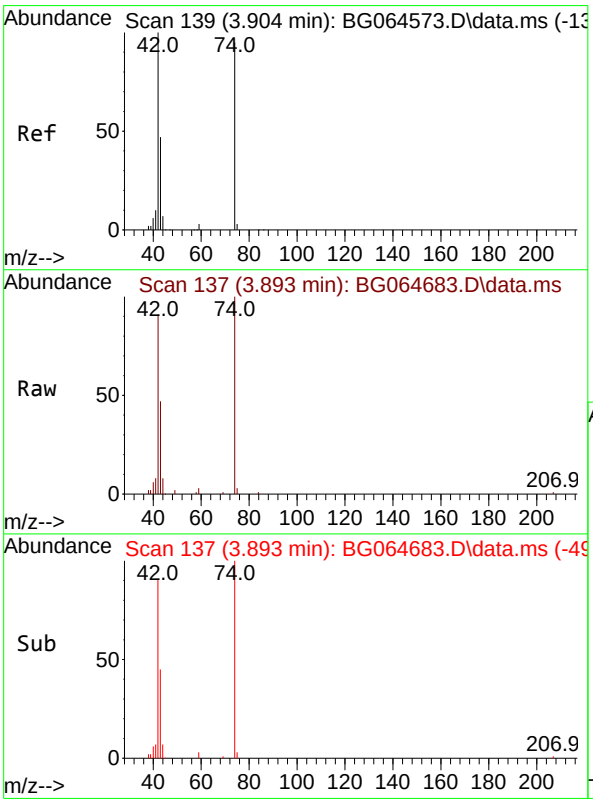
#3
Pyridine
Concen: 30.270 ng
RT: 3.987 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Tgt Ion: 79 Resp: 73171

Ion	Ratio	Lower	Upper
79	100		
52	121.2	94.2	141.2
51	56.8	46.1	69.1

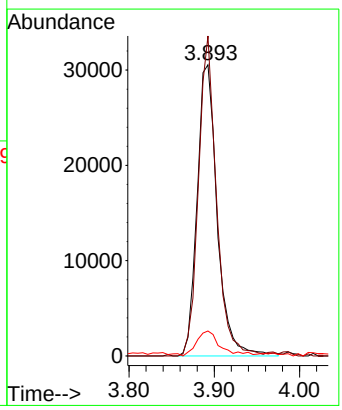


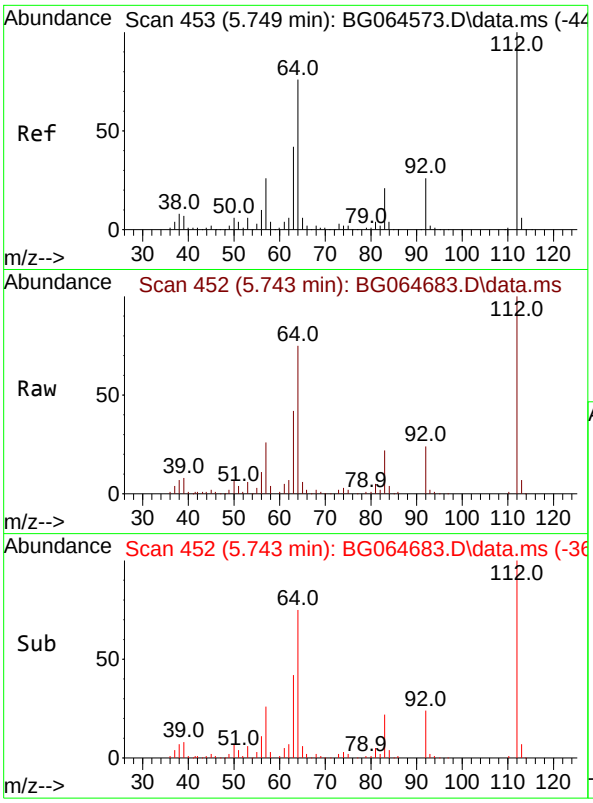


#4
n-Nitrosodimethylamine
Concen: 38.629 ng
RT: 3.893 min Scan# 137
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion: 42 Resp: 50075

Ion	Ratio	Lower	Upper
42	100		
74	109.9	76.1	114.1
44	8.6	6.3	9.5



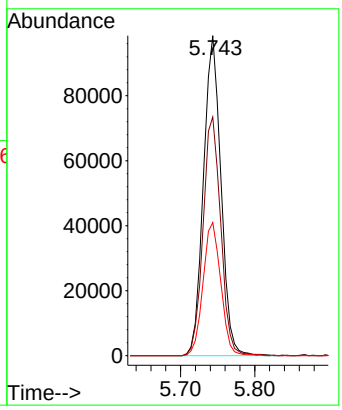


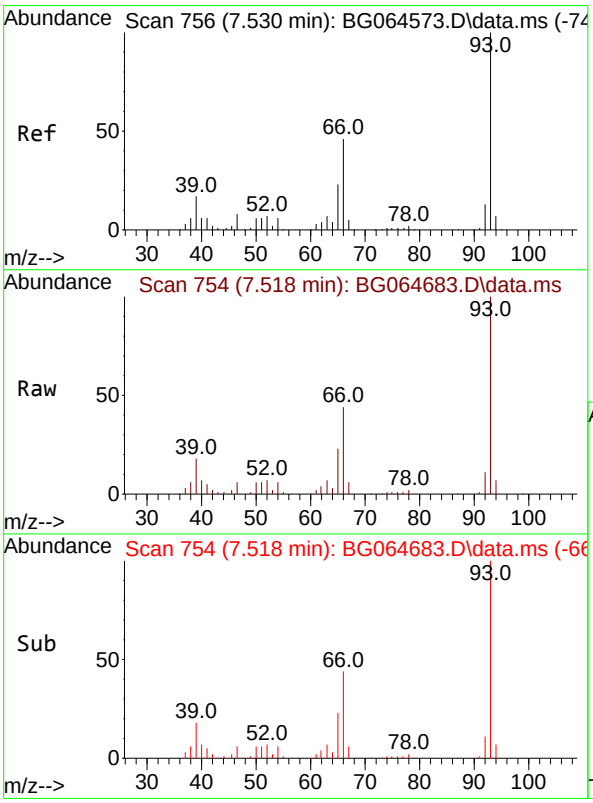
#5
2-Fluorophenol
Concen: 88.725 ng
RT: 5.743 min Scan# 4
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Tgt Ion:112 Resp: 161318

Ion	Ratio	Lower	Upper
112	100		
64	74.6	60.7	91.1
63	41.6	33.4	50.0

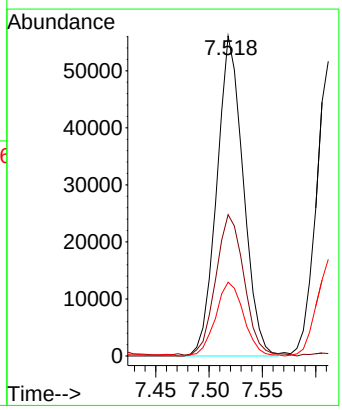


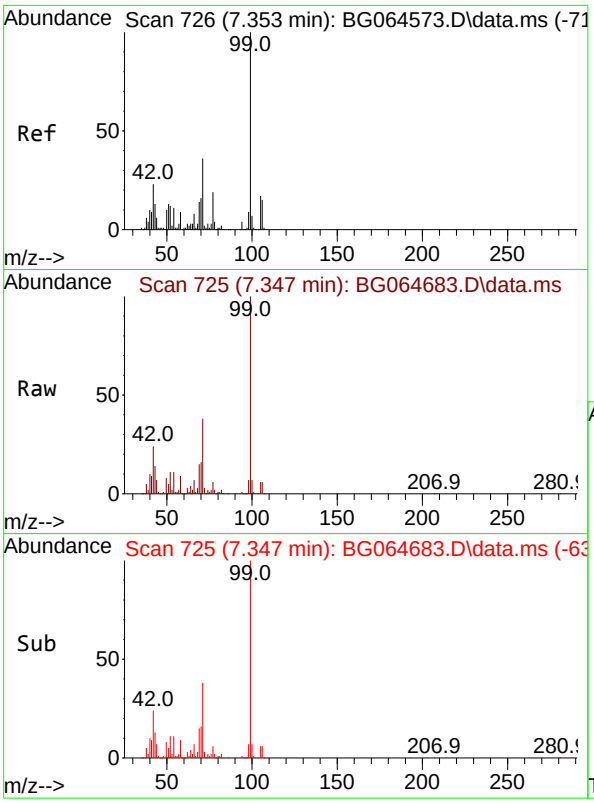


#6
Aniline
Concen: 28.500 ng
RT: 7.518 min Scan# 754
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion: 93 Resp: 96754

Ion	Ratio	Lower	Upper
93	100		
66	44.2	37.0	55.6
65	23.1	18.3	27.5



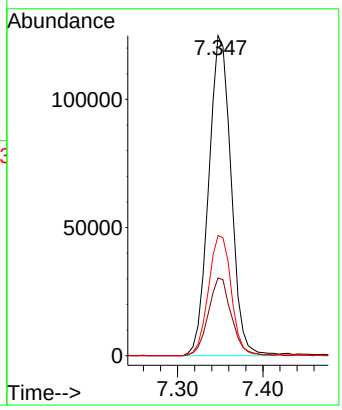


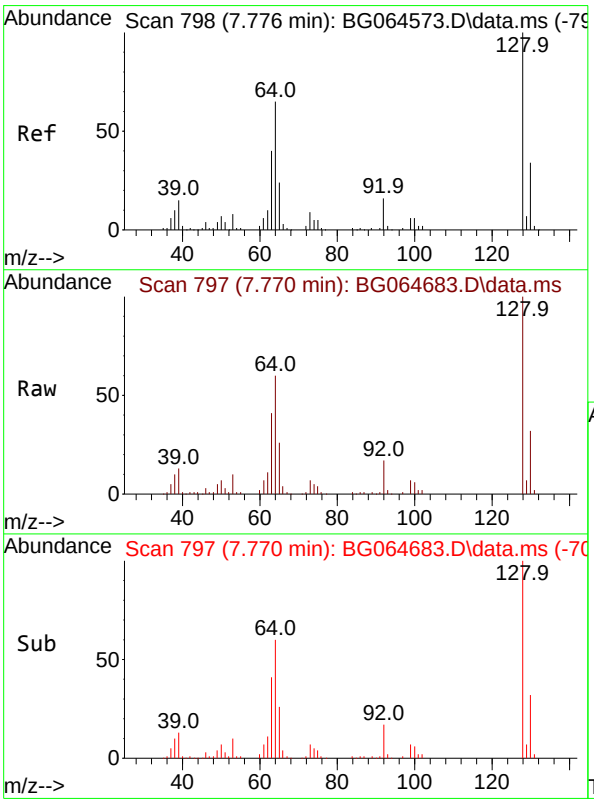
#7
Phenol-d6
Concen: 91.294 ng
RT: 7.347 min Scan# 7
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Tgt Ion: 99 Resp: 227772

Ion	Ratio	Lower	Upper
99	100		
42	24.3	18.3	27.5
71	37.5	28.6	43.0

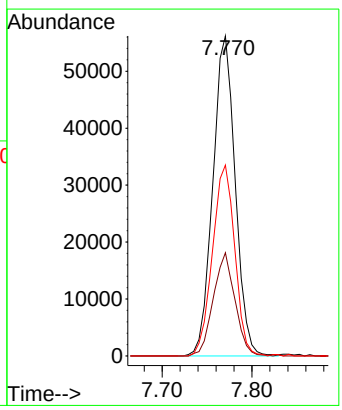


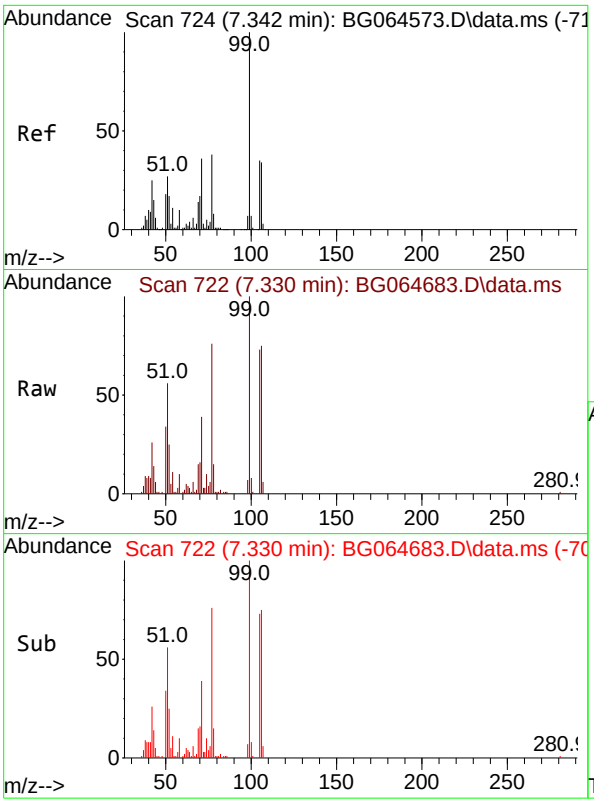


#8
2-Chlorophenol
Concen: 51.087 ng
RT: 7.770 min Scan# 797
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:128 Resp: 97222

Ion	Ratio	Lower	Upper
128	100		
130	32.2	13.5	53.5
64	59.7	45.2	85.2



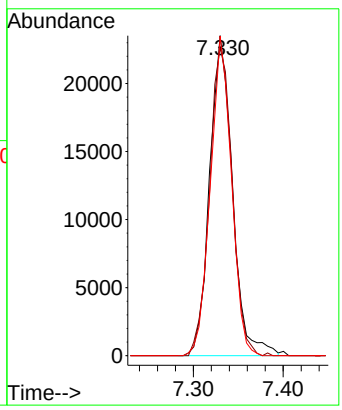


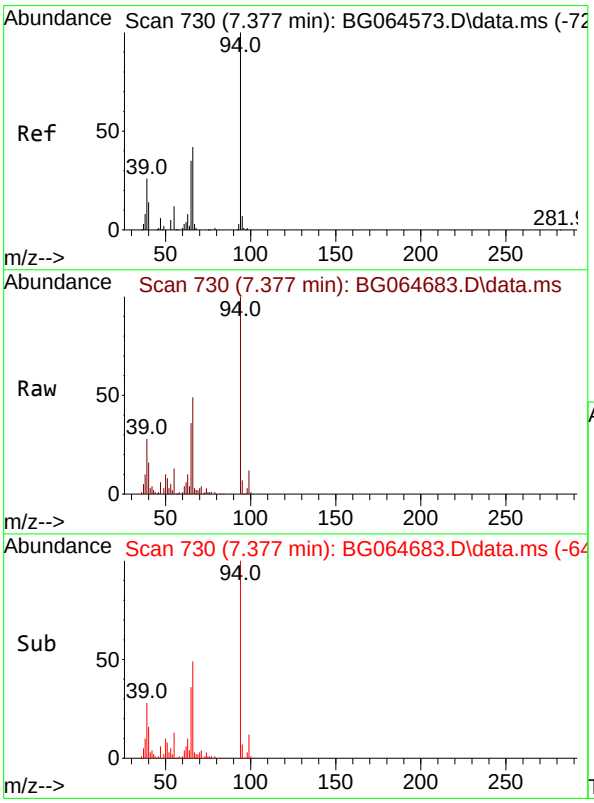
#9
Benzaldehyde
Concen: 30.377 ng
RT: 7.330 min Scan# 7
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Tgt Ion: 77 Resp: 41376

Ion	Ratio	Lower	Upper
77	100		
105	96.2	72.9	112.9
106	99.9	70.8	110.8

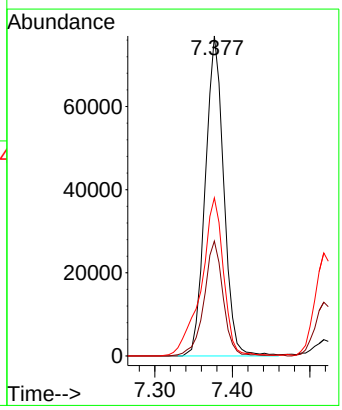


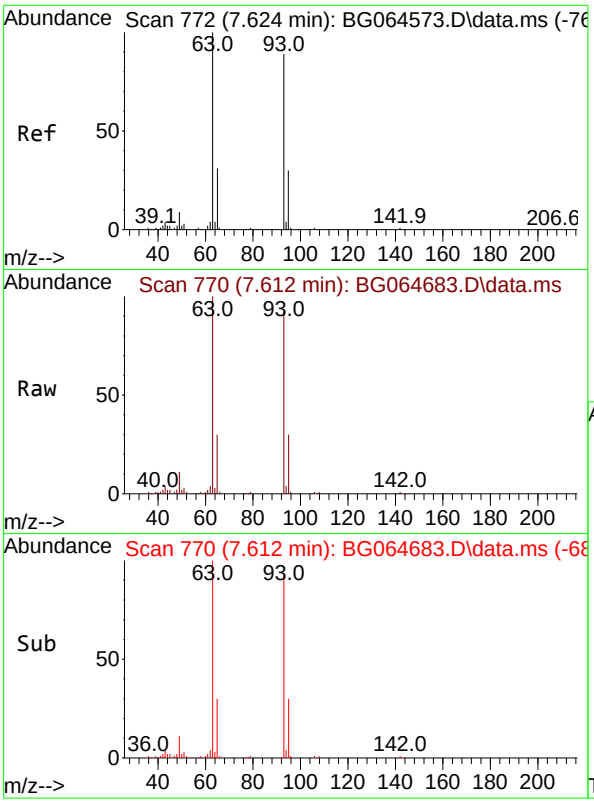


#10
Phenol
Concen: 46.094 ng
RT: 7.377 min Scan# 730
Delta R.T. -0.000 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion: 94 Resp: 127181

Ion	Ratio	Lower	Upper
94	100		
65	35.9	15.8	55.8
66	49.4	24.0	64.0



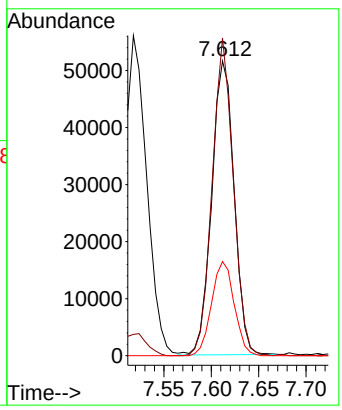


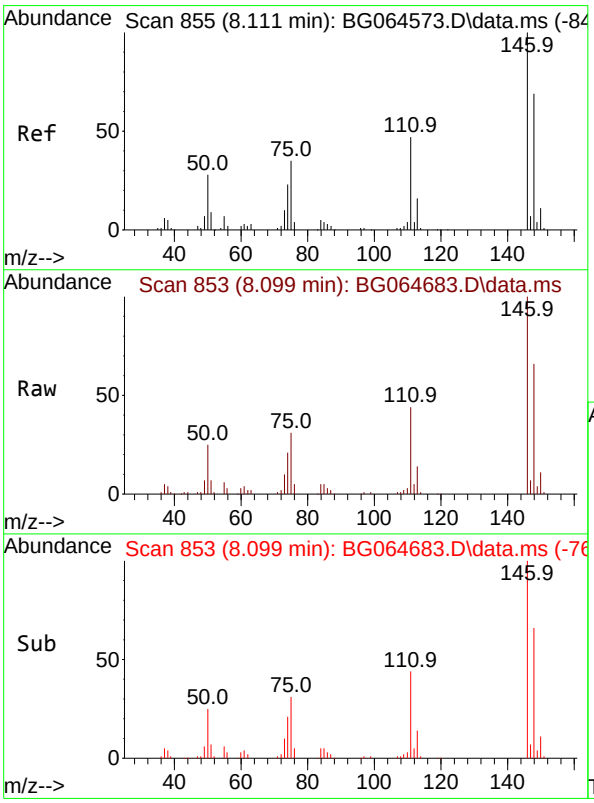
#11
bis(2-Chloroethyl)ether
Concen: 41.782 ng
RT: 7.612 min Scan# 7
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Tgt Ion: 93 Resp: 84758

Ion	Ratio	Lower	Upper
93	100		
63	107.8	91.3	131.3
95	31.9	13.3	53.3

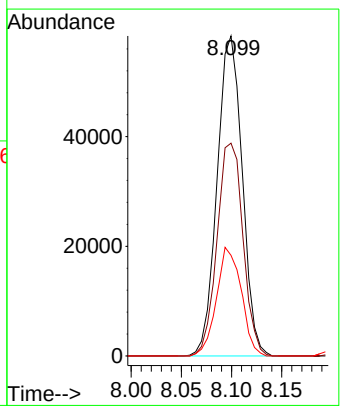


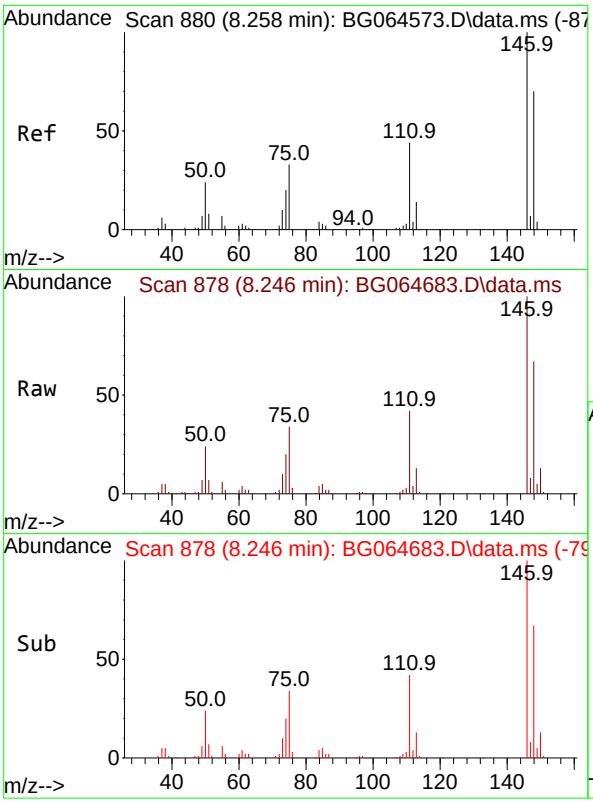


#12
1,3-Dichlorobenzene
Concen: 46.339 ng
RT: 8.099 min Scan# 853
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:146 Resp: 101499

Ion	Ratio	Lower	Upper
146	100		
148	66.5	55.3	82.9
75	31.4	28.2	42.2



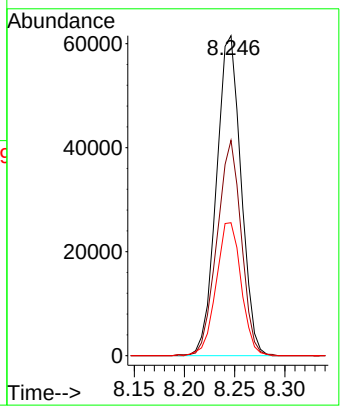


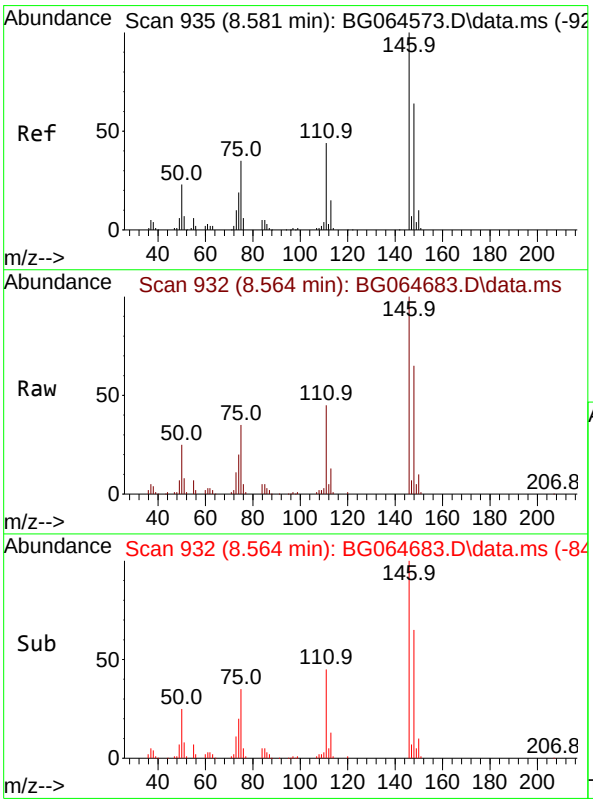
#13
1,4-Dichlorobenzene
Concen: 46.969 ng
RT: 8.246 min Scan# 8
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Tgt Ion:146 Resp: 104608

Ion	Ratio	Lower	Upper
146	100		
148	67.3	56.2	84.4
111	41.6	35.4	53.0

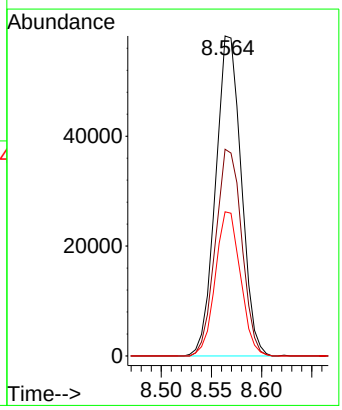


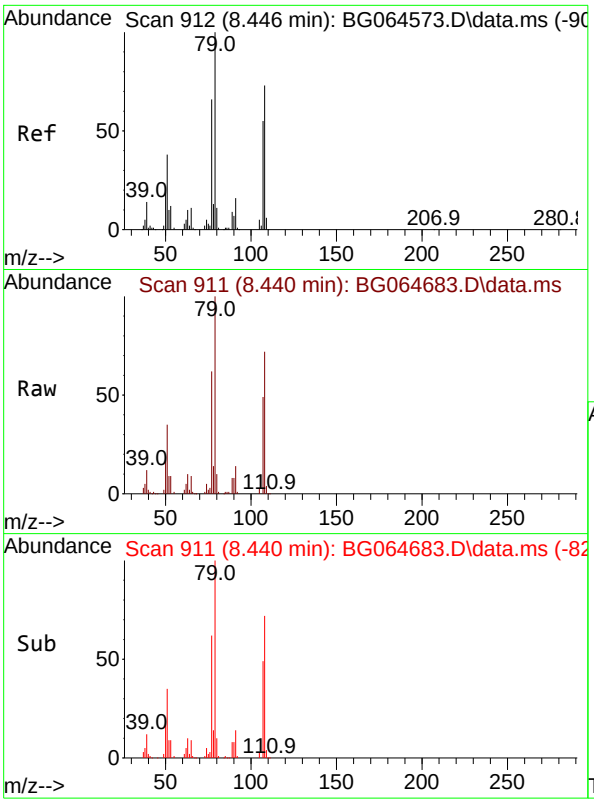


#14
1,2-Dichlorobenzene
Concen: 48.108 ng
RT: 8.564 min Scan# 932
Delta R.T. -0.018 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:146 Resp: 103345

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.5	77.3
111	45.0	35.0	52.6



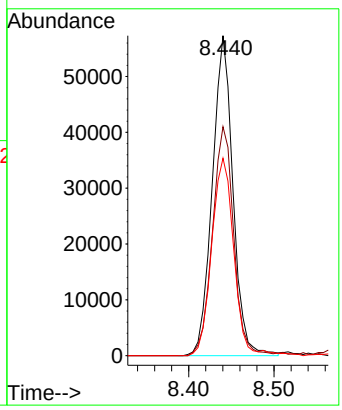


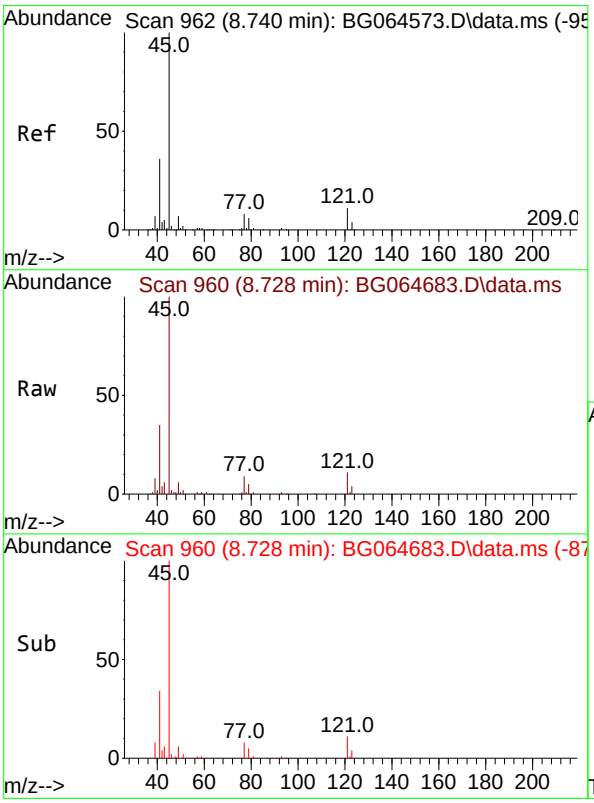
#15
Benzyl Alcohol
Concen: 46.963 ng
RT: 8.440 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Tgt Ion: 79 Resp: 96620

Ion	Ratio	Lower	Upper
79	100		
108	71.5	58.1	87.1
77	61.7	52.8	79.2

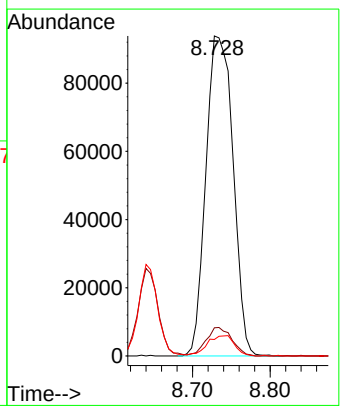


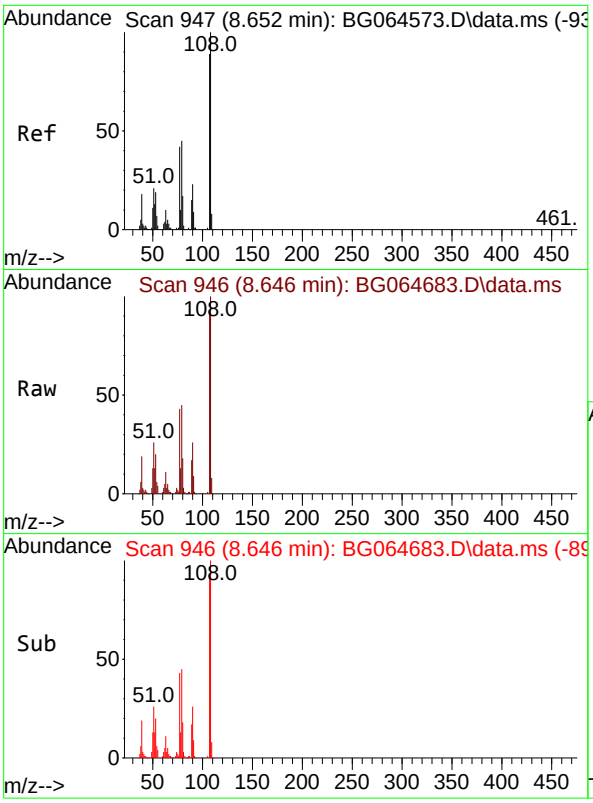


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.984 ng
RT: 8.728 min Scan# 960
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion: 45 Resp: 228727

Ion	Ratio	Lower	Upper
45	100		
77	8.8	0.0	28.5
79	5.2	0.0	25.6



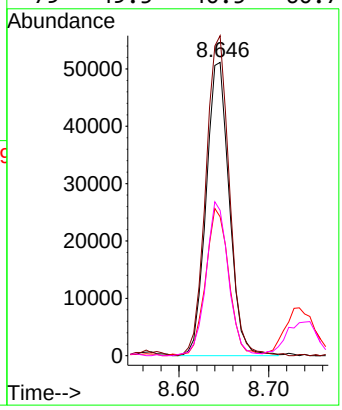


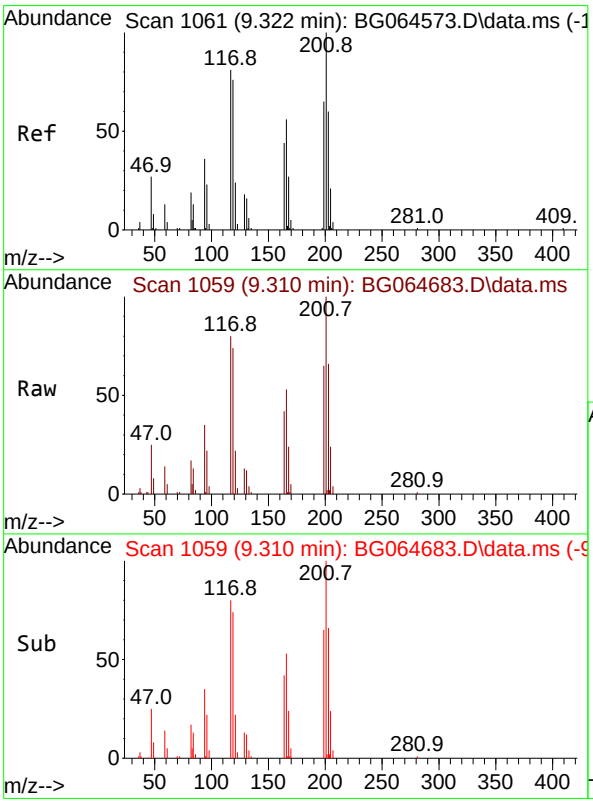
#17
2-Methylphenol
Concen: 49.927 ng
RT: 8.646 min Scan# 94
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Tgt Ion:107 Resp: 91462

Ion	Ratio	Lower	Upper
107	100		
108	109.1	90.0	135.0
77	47.4	37.8	56.8
79	49.5	40.5	60.7

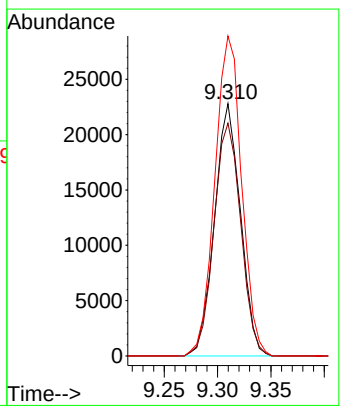


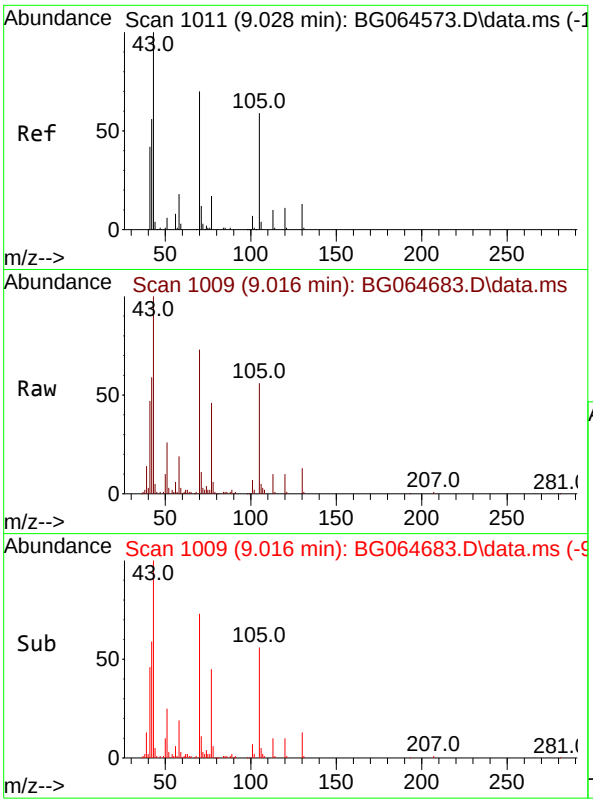


#18
Hexachloroethane
Concen: 49.274 ng
RT: 9.310 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:117 Resp: 38511

Ion	Ratio	Lower	Upper
117	100		
119	92.2	75.4	113.2
201	126.8	99.2	148.8



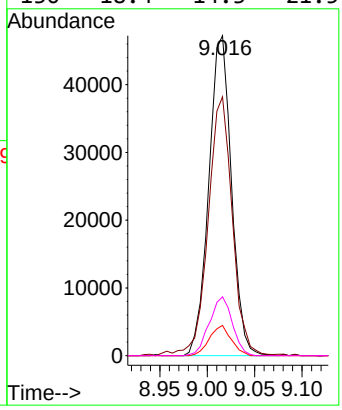


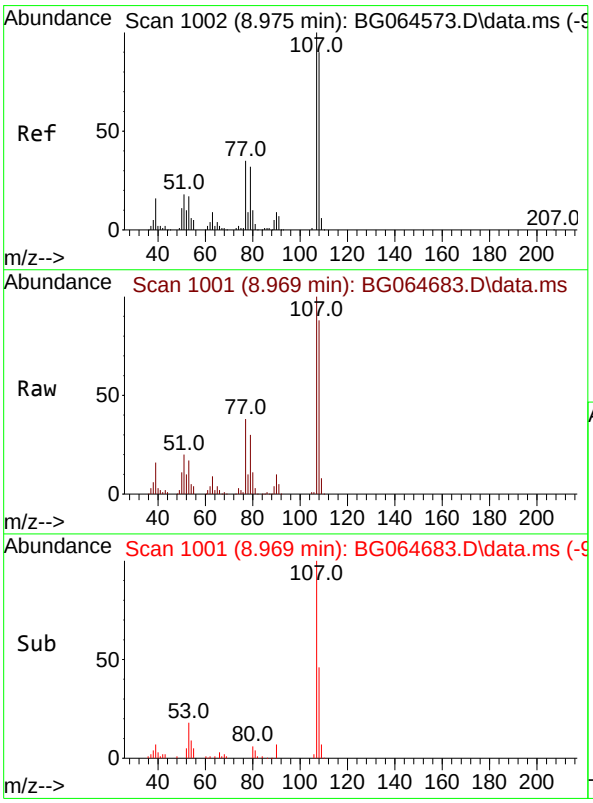
#19
n-Nitroso-di-n-propylamine
Concen: 45.588 ng
RT: 9.016 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Tgt Ion: 70 Resp: 78604

Ion	Ratio	Lower	Upper
70	100		
42	80.9	65.2	97.8
101	9.4	7.9	11.9
130	18.4	14.3	21.5

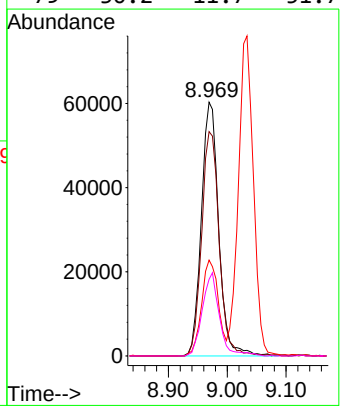


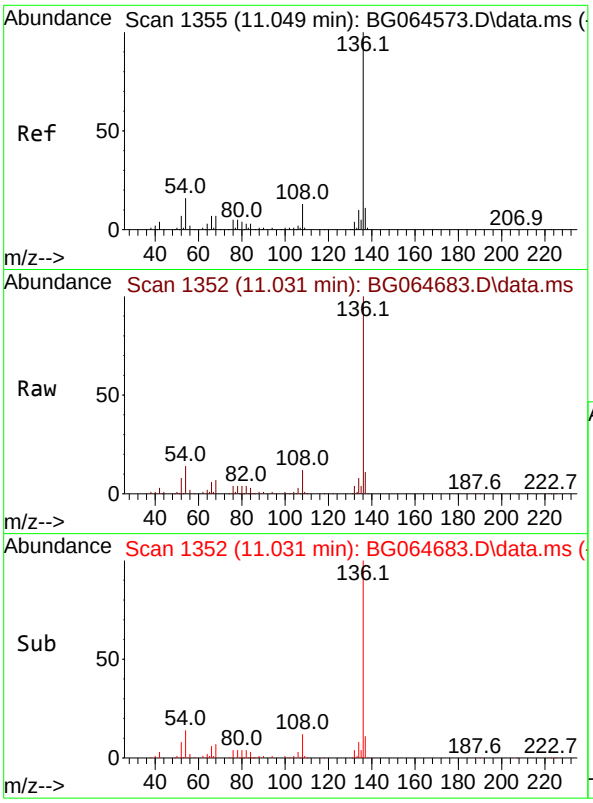


#20
3+4-Methylphenols
Concen: 47.864 ng
RT: 8.969 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:107 Resp: 123311

Ion	Ratio	Lower	Upper
107	100		
108	88.4	70.3	110.3
77	37.8	14.6	54.6
79	30.2	11.7	51.7



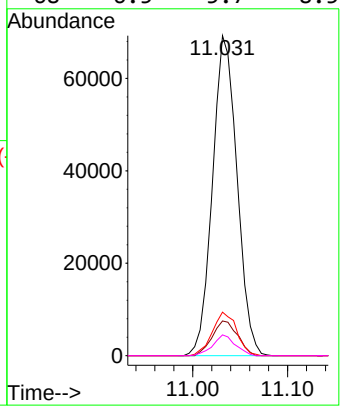


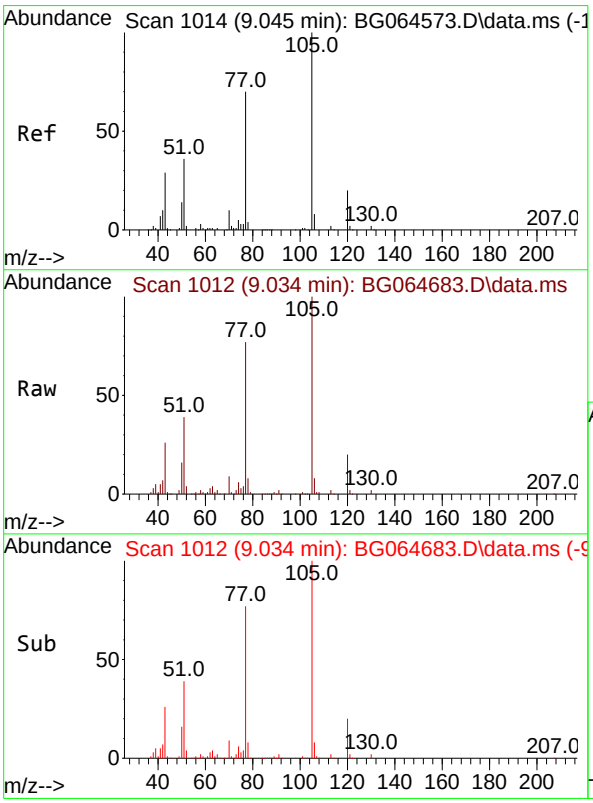
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.031 min Scan# 1
Delta R.T. -0.018 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Tgt Ion:136 Resp: 124719

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	13.6	12.6	19.0
68	6.5	5.7	8.5

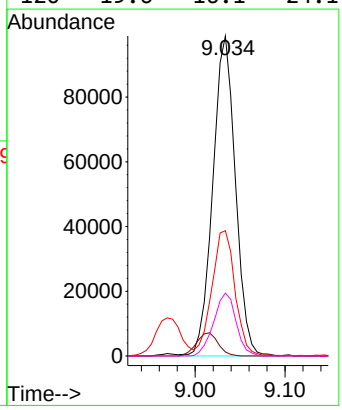


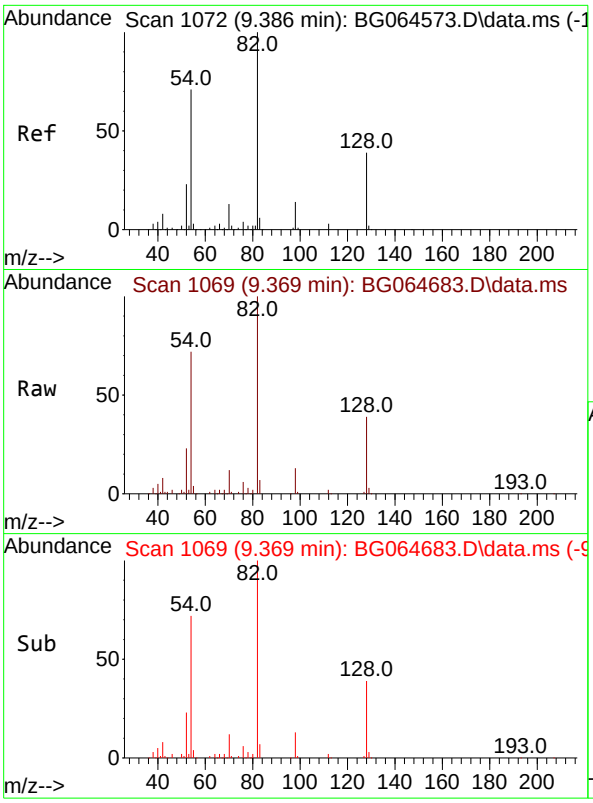


#22
Acetophenone
Concen: 50.670 ng
RT: 9.034 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:105 Resp: 172750

Ion	Ratio	Lower	Upper
105	100		
71	1.3	1.5	2.3#
51	39.1	33.7	50.5
120	19.6	16.1	24.1



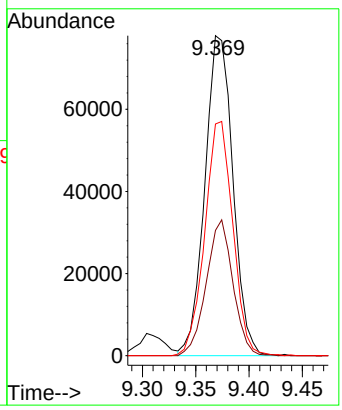


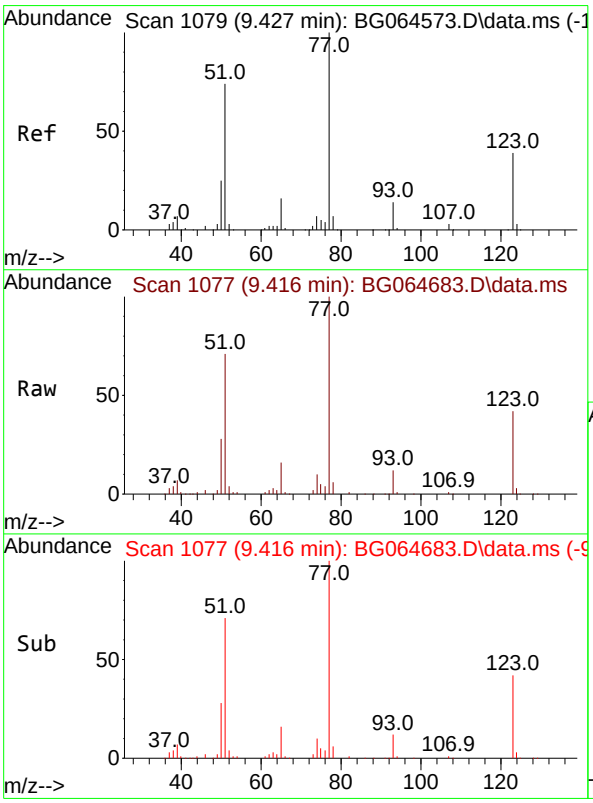
#23
Nitrobenzene-d5
Concen: 68.721 ng
RT: 9.369 min Scan# 1
Delta R.T. -0.018 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Tgt Ion: 82 Resp: 142697

Ion	Ratio	Lower	Upper
82	100		
128	39.1	31.3	46.9
54	72.4	56.6	84.8

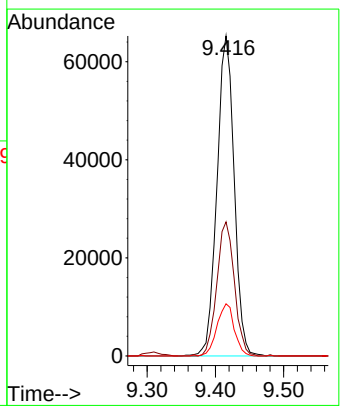


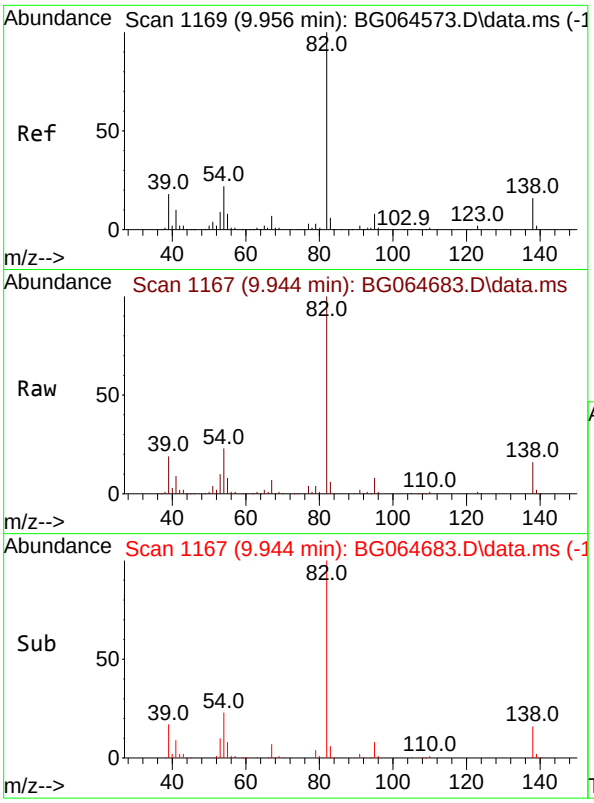


#24
Nitrobenzene
Concen: 50.775 ng
RT: 9.416 min Scan# 1077
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion: 77 Resp: 114675

Ion	Ratio	Lower	Upper
77	100		
123	41.9	31.0	46.6
65	16.3	12.7	19.1



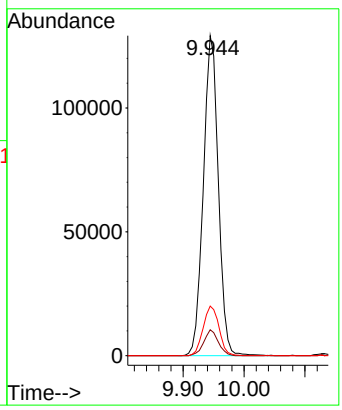


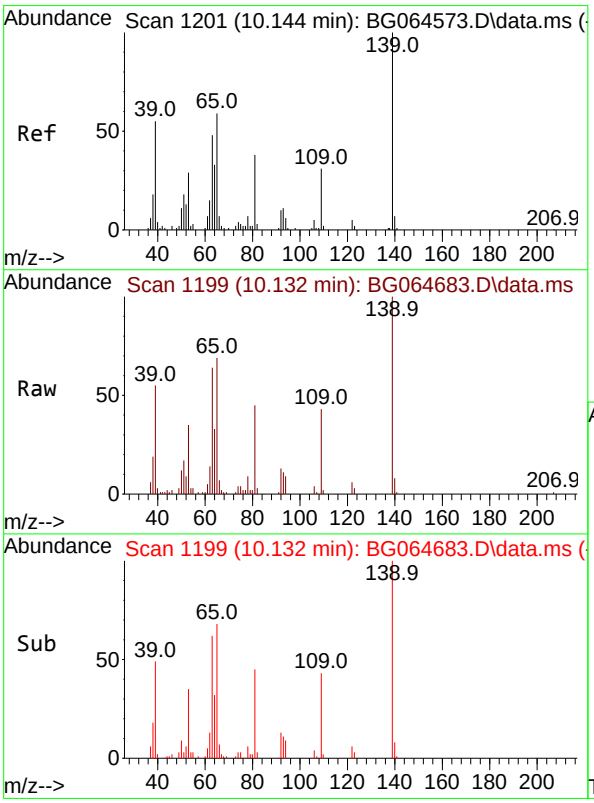
#25
Isophorone
Concen: 44.300 ng
RT: 9.944 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Tgt Ion: 82 Resp: 220732

Ion	Ratio	Lower	Upper
82	100		
95	8.1	6.1	9.1
138	15.5	13.0	19.4

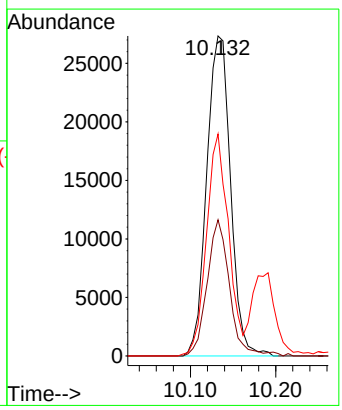


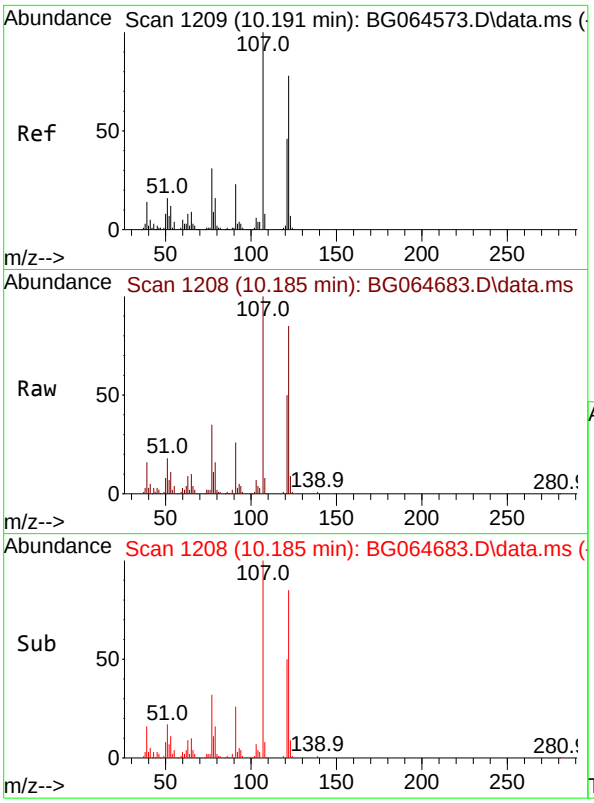


#26
2-Nitrophenol
Concen: 60.086 ng
RT: 10.132 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:139 Resp: 53095

Ion	Ratio	Lower	Upper
139	100		
109	42.6	24.6	37.0#
65	69.3	47.5	71.3



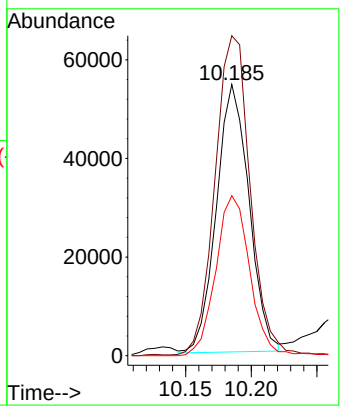


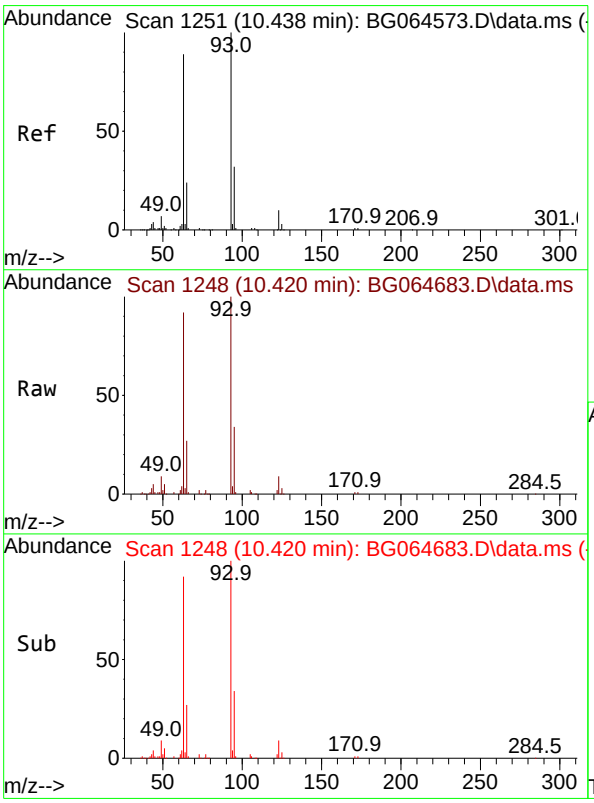
#27
2,4-Dimethylphenol
Concen: 50.644 ng
RT: 10.185 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Tgt Ion:122 Resp: 93864

Ion	Ratio	Lower	Upper
122	100		
107	118.0	103.0	154.4
121	59.0	47.8	71.8

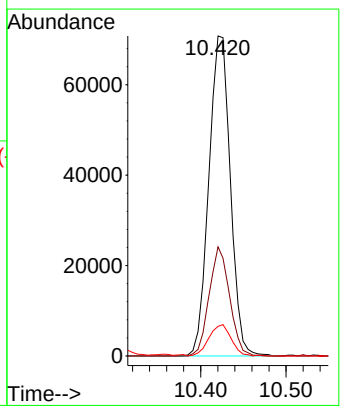


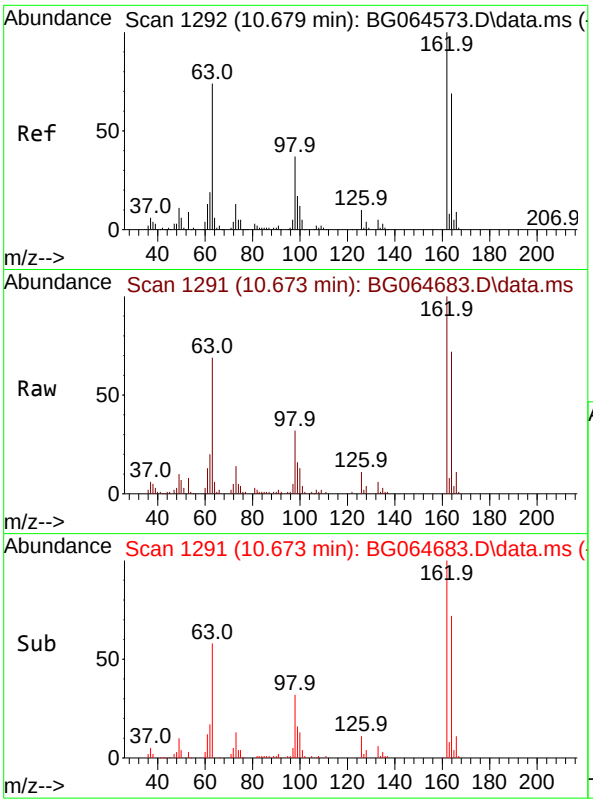


#28
bis(2-Chloroethoxy)methane
Concen: 43.756 ng
RT: 10.420 min Scan# 1248
Delta R.T. -0.018 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion: 93 Resp: 124132

Ion	Ratio	Lower	Upper
93	100		
95	34.1	25.4	38.2
123	9.2	8.4	12.6



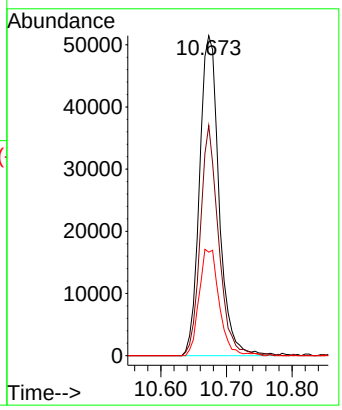


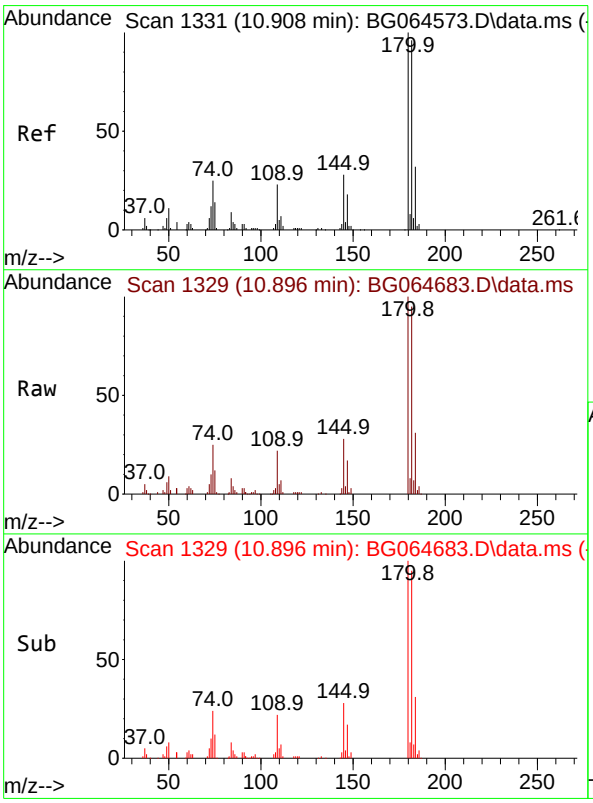
#29
2,4-Dichlorophenol
Concen: 53.471 ng
RT: 10.673 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Tgt Ion:162 Resp: 106655

Ion	Ratio	Lower	Upper
162	100		
164	71.9	48.7	88.7
98	32.3	16.9	56.9

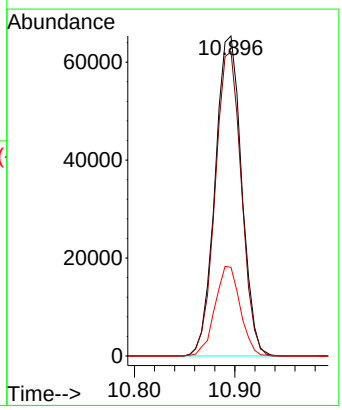


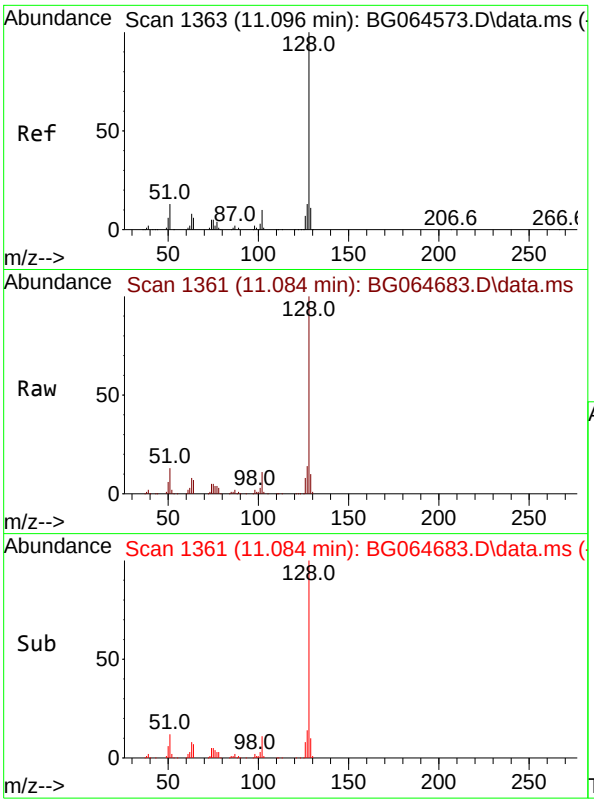


#30
1,2,4-Trichlorobenzene
Concen: 52.832 ng
RT: 10.896 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:180 Resp: 119732

Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.9	115.3
145	27.7	22.1	33.1



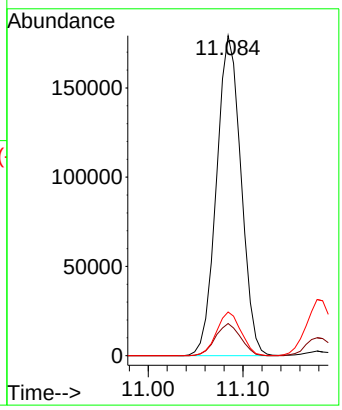


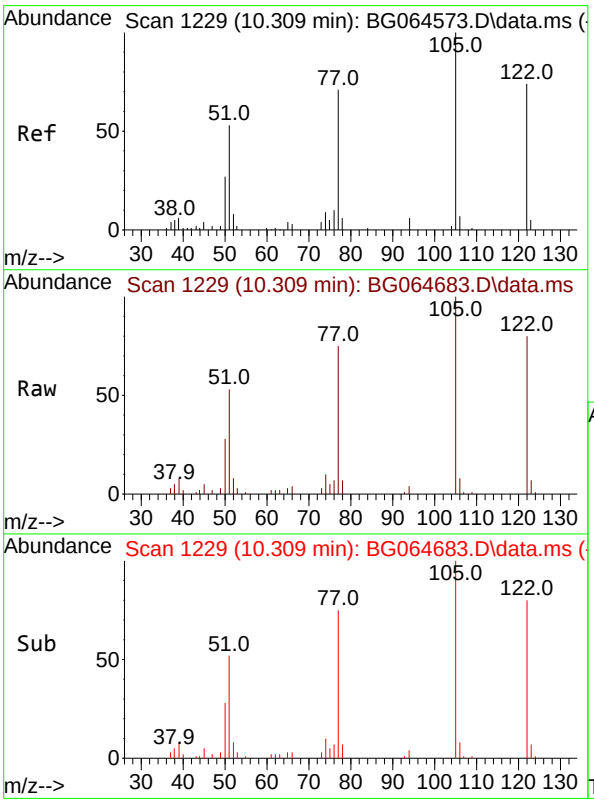
#31
Naphthalene
Concen: 46.604 ng
RT: 11.084 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Tgt Ion:128 Resp: 322262

Ion	Ratio	Lower	Upper
128	100		
129	10.1	8.8	13.2
127	13.7	10.6	15.8

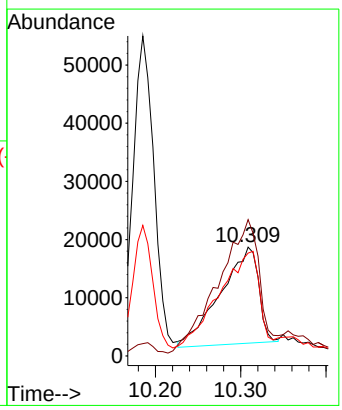


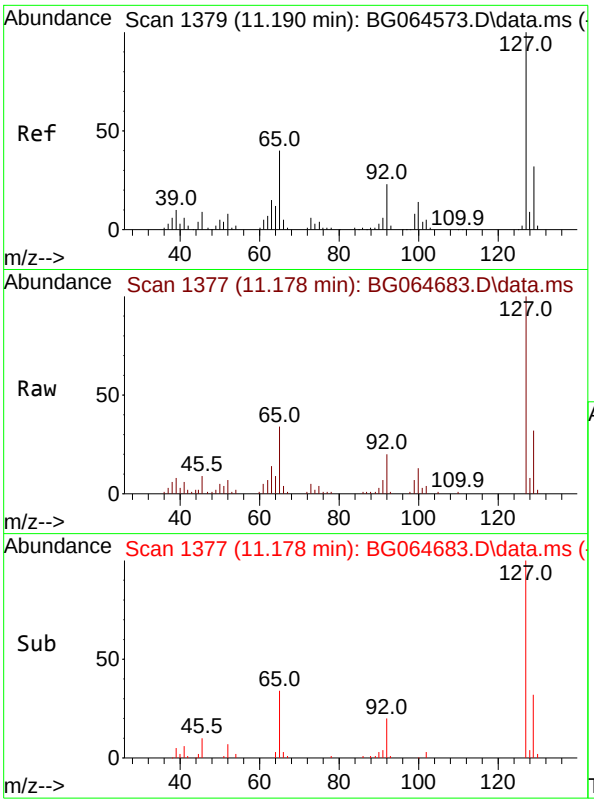


#32
Benzoic acid
Concen: 37.902 ng
RT: 10.309 min Scan# 1229
Delta R.T. -0.000 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:122 Resp: 51441

Ion	Ratio	Lower	Upper
122	100		
105	125.3	104.2	144.2
77	94.5	70.2	110.2



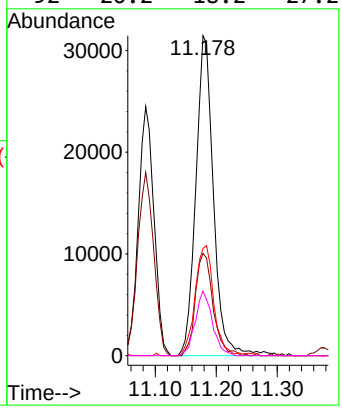


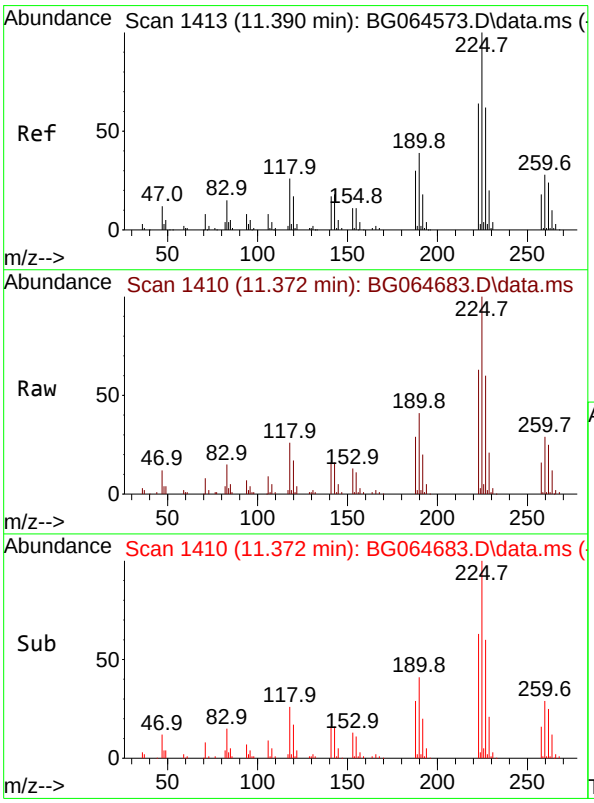
#33
4-Chloroaniline
Concen: 23.628 ng
RT: 11.178 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Tgt Ion:127 Resp: 63504

Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.5	38.3
65	33.5	32.2	48.4
92	20.2	18.2	27.2

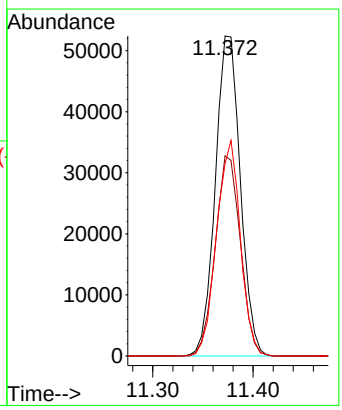


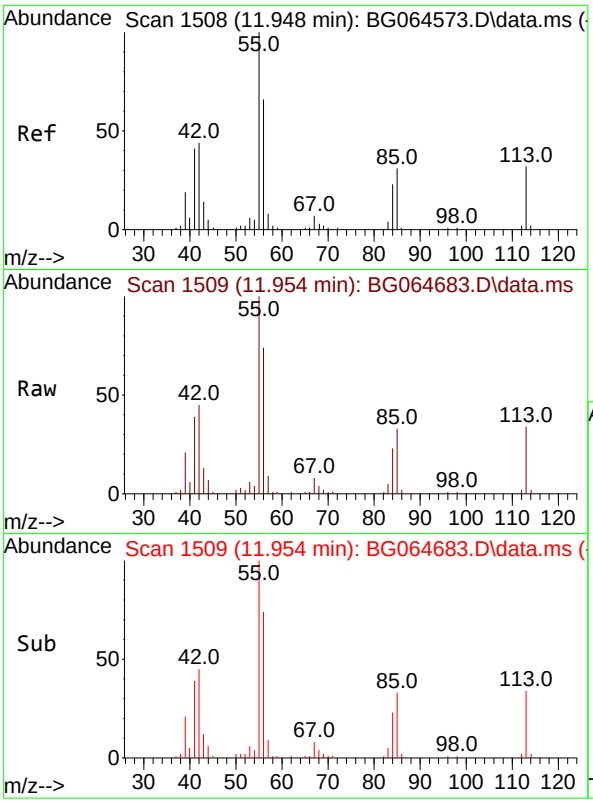


#34
Hexachlorobutadiene
Concen: 51.204 ng
RT: 11.372 min Scan# 1410
Delta R.T. -0.018 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:225 Resp: 90752

Ion	Ratio	Lower	Upper
225	100		
223	59.6	48.8	73.2
227	59.6	49.5	74.3



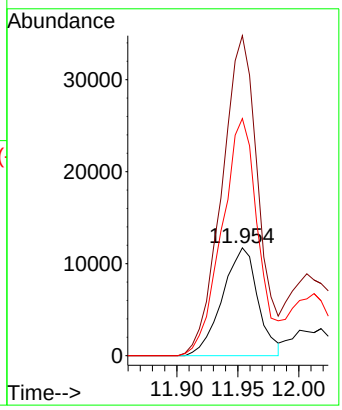


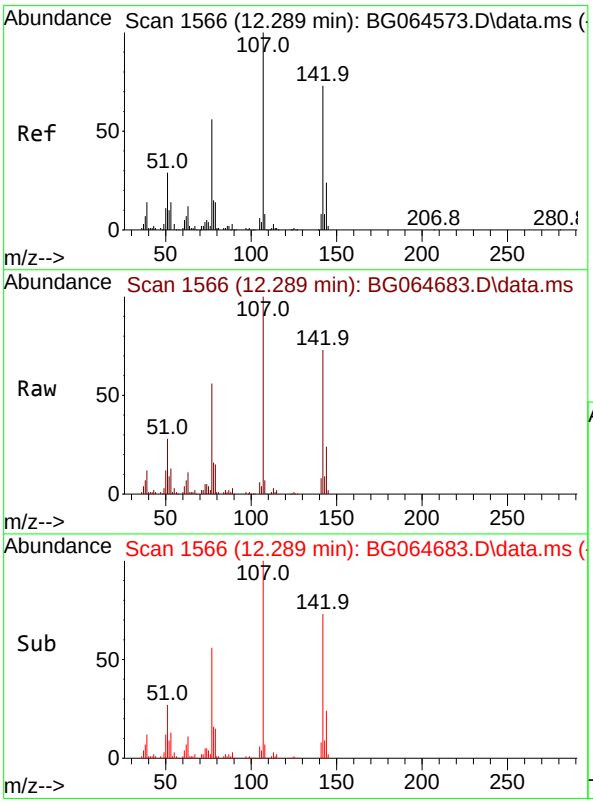
#35
Caprolactam
Concen: 31.063 ng
RT: 11.954 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Tgt Ion:113 Resp: 23764

Ion	Ratio	Lower	Upper
113	100		
55	296.9	290.1	330.1
56	220.0	183.8	223.8

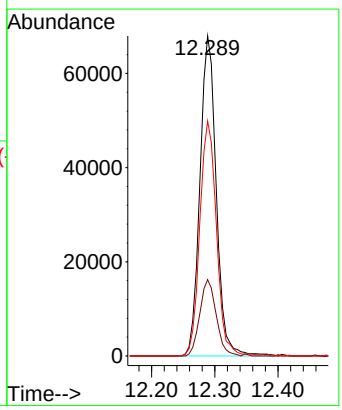


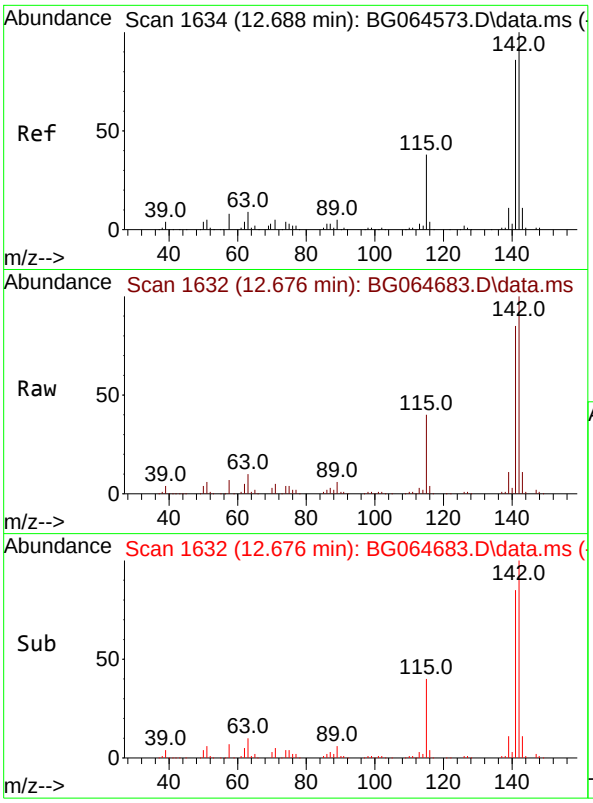


#36
4-Chloro-3-methylphenol
Concen: 50.941 ng
RT: 12.289 min Scan# 1566
Delta R.T. -0.000 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:107 Resp: 122135

Ion	Ratio	Lower	Upper
107	100		
144	23.8	19.1	28.7
142	73.4	58.6	87.8



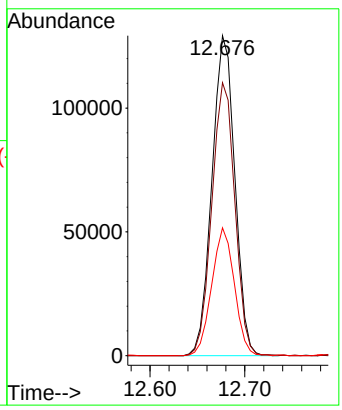


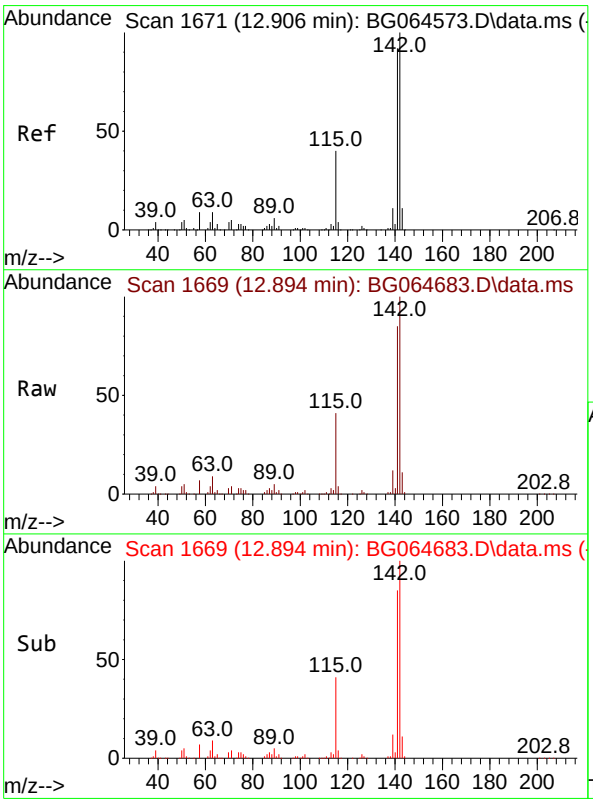
#37
2-Methylnaphthalene
Concen: 42.723 ng
RT: 12.676 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Tgt Ion:142 Resp: 216894

Ion	Ratio	Lower	Upper
142	100		
141	85.3	68.9	103.3
115	39.9	30.6	46.0

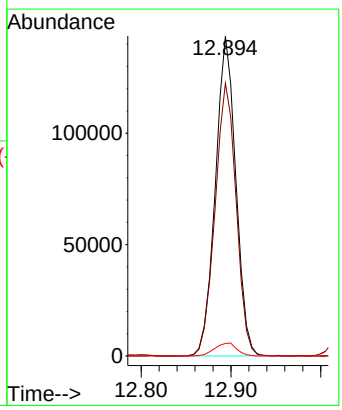


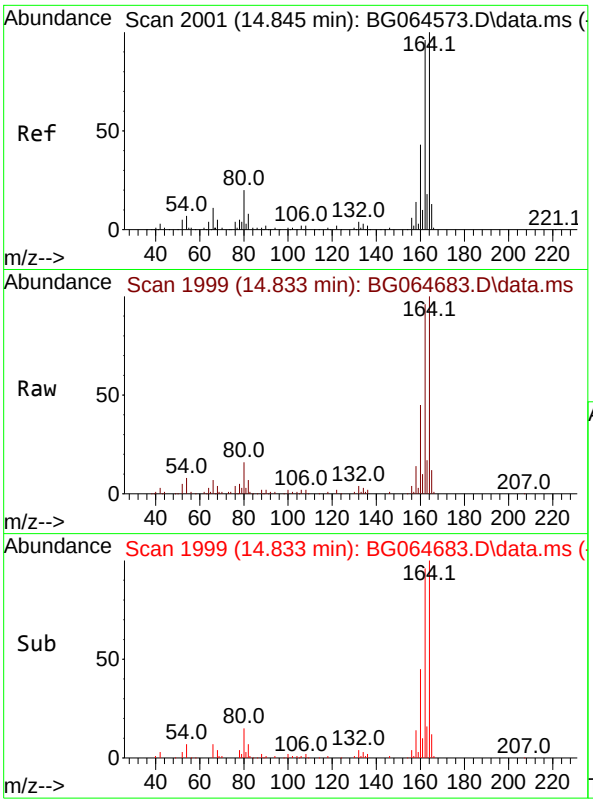


#38
1-Methylnaphthalene
Concen: 45.150 ng
RT: 12.894 min Scan# 1669
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:142 Resp: 226918

Ion	Ratio	Lower	Upper
142	100		
141	85.2	73.3	109.9
116	3.9	3.1	4.7



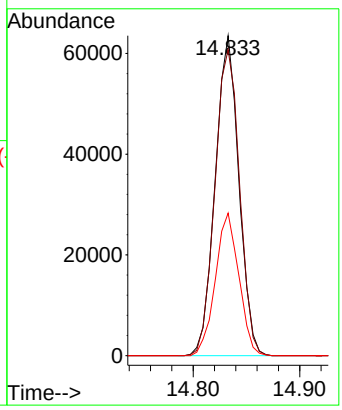


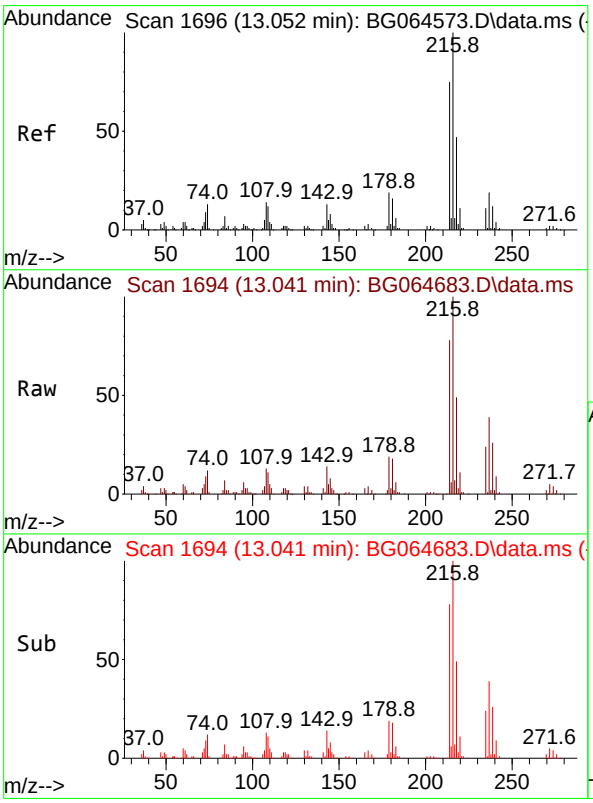
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.833 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Tgt Ion:164 Resp: 97711

Ion	Ratio	Lower	Upper
164	100		
162	95.7	77.0	115.6
160	44.5	34.4	51.6

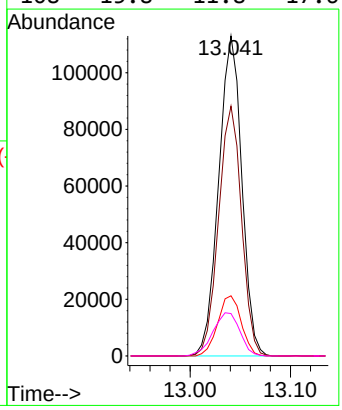


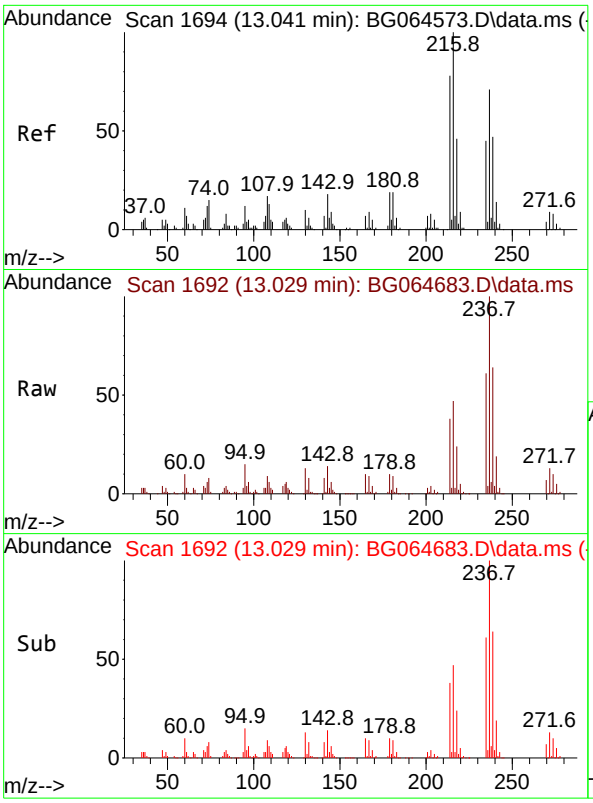


#40
1,2,4,5-Tetrachlorobenzene
Concen: 55.094 ng
RT: 13.041 min Scan# 1694
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:216 Resp: 180666

Ion	Ratio	Lower	Upper
216	100		
214	77.2	61.4	92.2
179	19.1	15.4	23.0
108	15.8	11.8	17.6



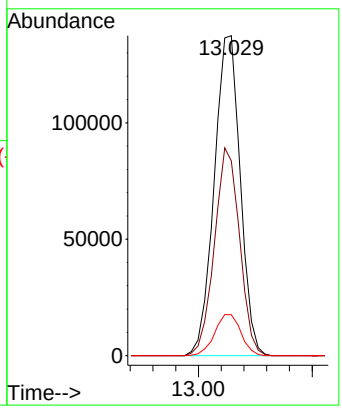


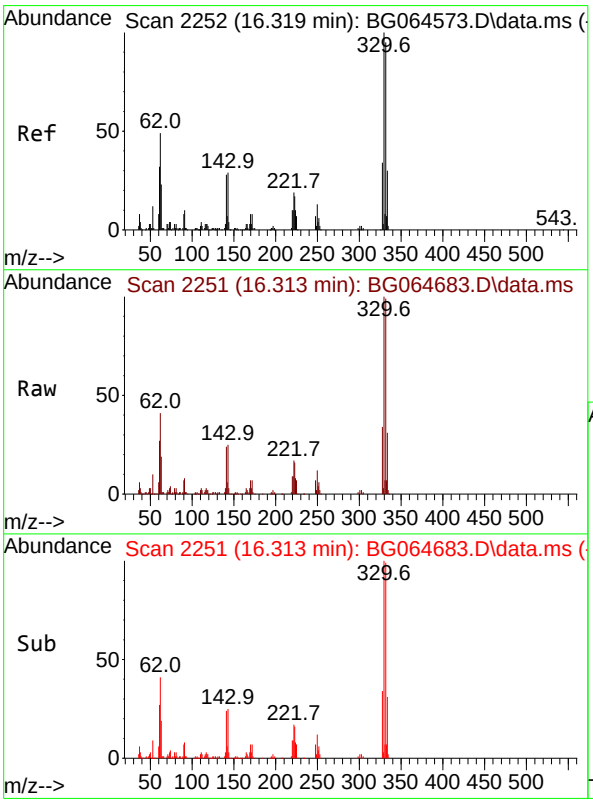
#41
Hexachlorocyclopentadiene
Concen: 148.003 ng
RT: 13.029 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Tgt Ion:237 Resp: 218454

Ion	Ratio	Lower	Upper
237	100		
235	60.9	44.1	84.1
272	12.8	0.0	32.4

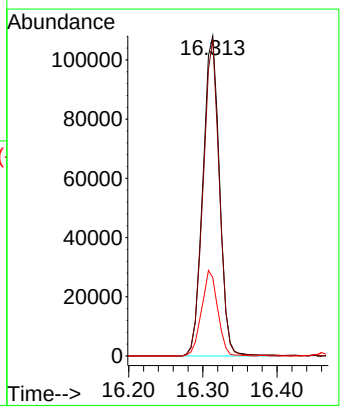


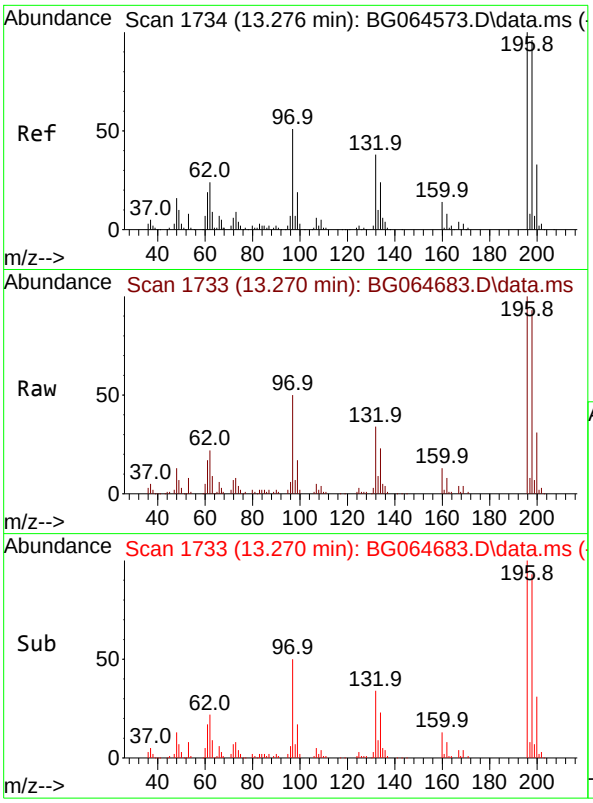


#42
2,4,6-Tribromophenol
Concen: 119.181 ng
RT: 16.313 min Scan# 2251
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:330 Resp: 168077

Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.0	117.0
141	26.0	21.8	32.6



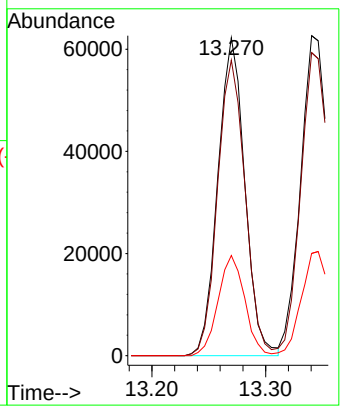


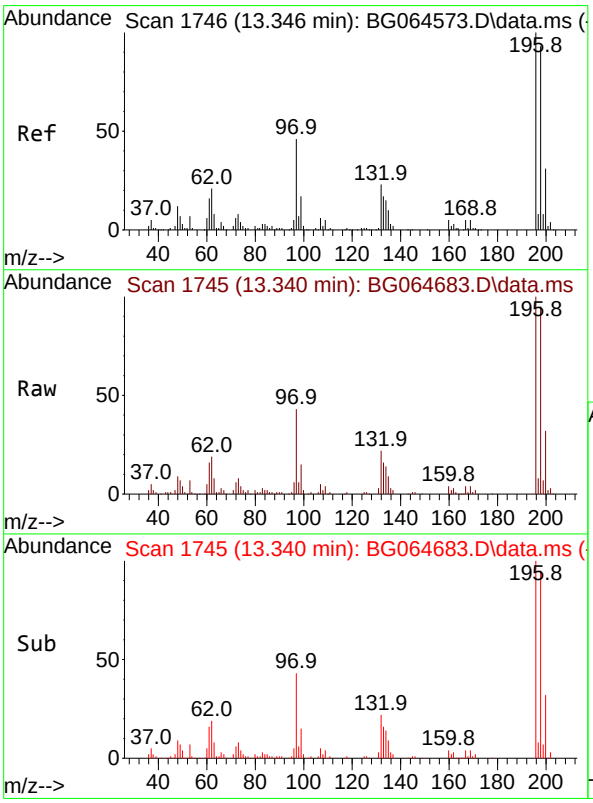
#43
2,4,6-Trichlorophenol
Concen: 54.754 ng
RT: 13.270 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Tgt Ion:196 Resp: 102706

Ion	Ratio	Lower	Upper
196	100		
198	92.9	76.6	115.0
200	31.5	26.0	39.0

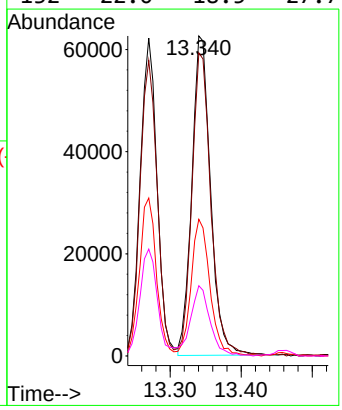


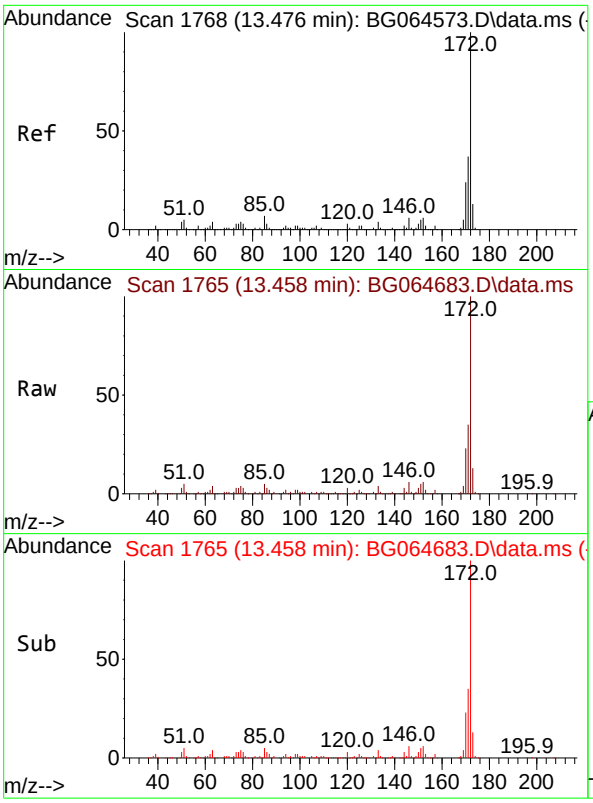


#44
2,4,5-Trichlorophenol
Concen: 53.043 ng
RT: 13.340 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:196 Resp: 114818

Ion	Ratio	Lower	Upper
196	100		
198	94.7	74.2	111.4
97	42.7	37.0	55.6
132	22.0	18.5	27.7



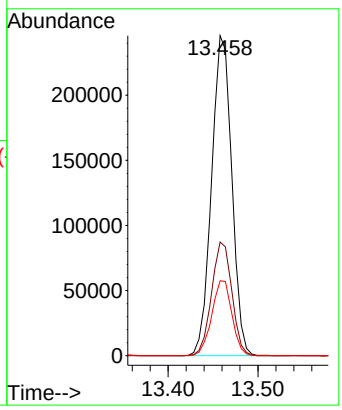


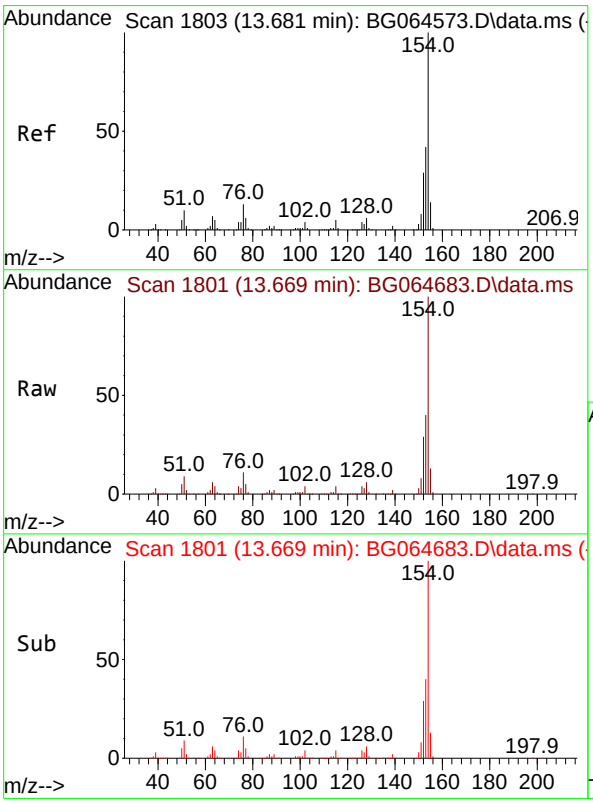
#45
2-Fluorobiphenyl
Concen: 59.531 ng
RT: 13.458 min Scan# 1
Delta R.T. -0.018 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Tgt Ion:172 Resp: 383758

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.4	44.0
170	23.4	19.1	28.7

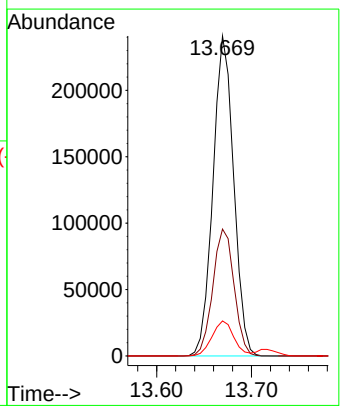


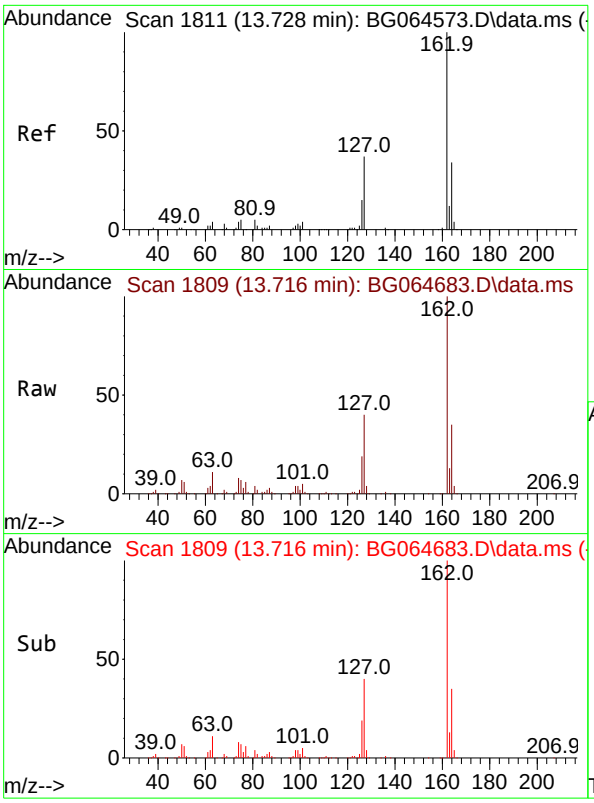


#46
1,1'-Biphenyl
Concen: 52.617 ng
RT: 13.669 min Scan# 1801
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:154 Resp: 365511

Ion	Ratio	Lower	Upper
154	100		
153	39.6	22.4	62.4
76	10.9	0.0	33.5



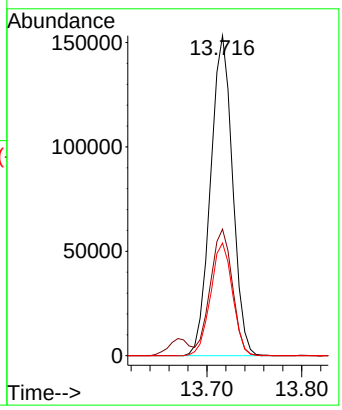


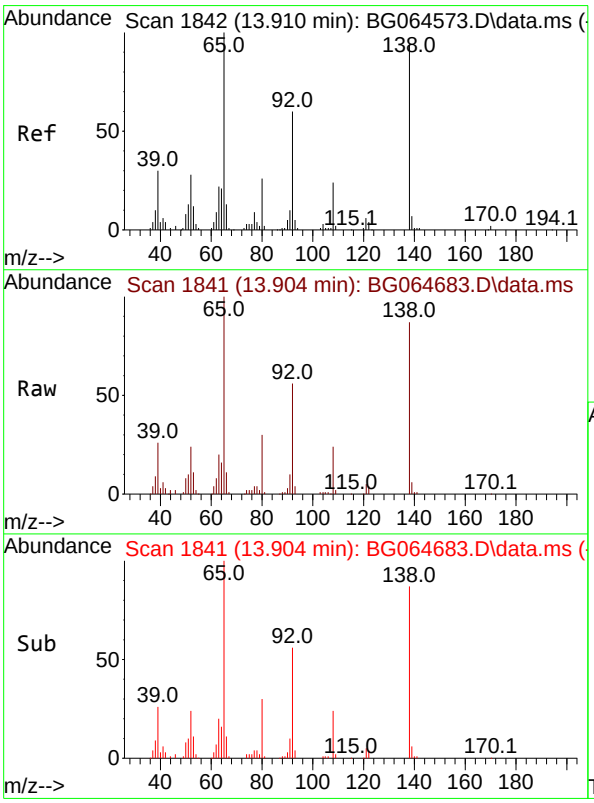
#47
2-Chloronaphthalene
Concen: 47.128 ng
RT: 13.716 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Tgt Ion:162 Resp: 247117

Ion	Ratio	Lower	Upper
162	100		
127	39.6	32.2	48.2
164	35.2	27.5	41.3

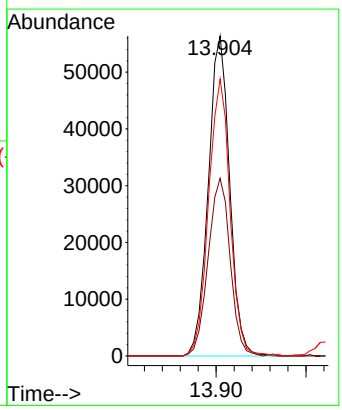


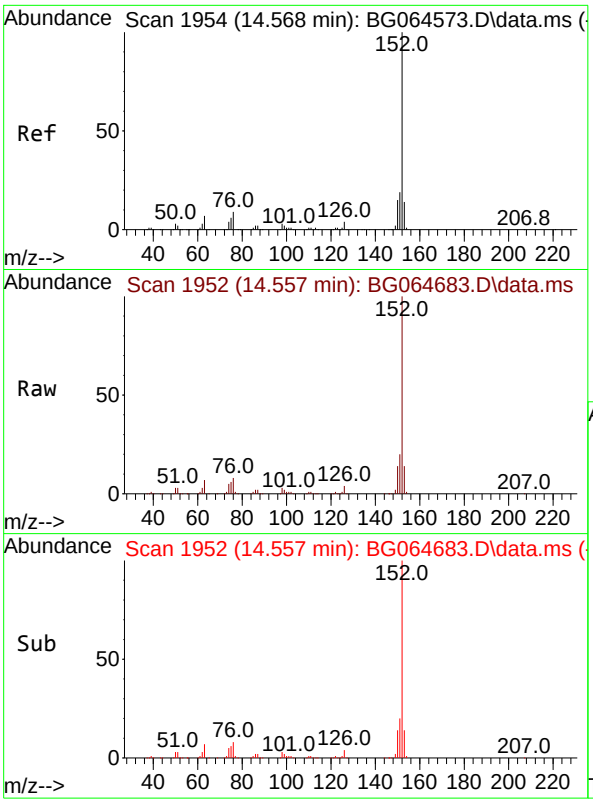


#48
2-Nitroaniline
Concen: 52.456 ng
RT: 13.904 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion: 65 Resp: 92902

Ion	Ratio	Lower	Upper
65	100		
92	55.5	48.3	72.5
138	86.5	74.9	112.3



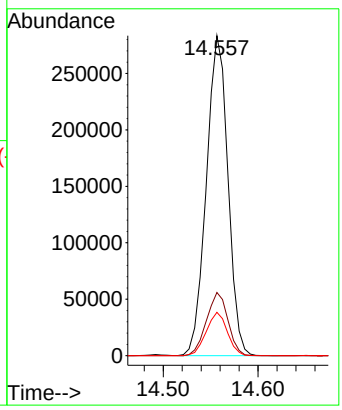


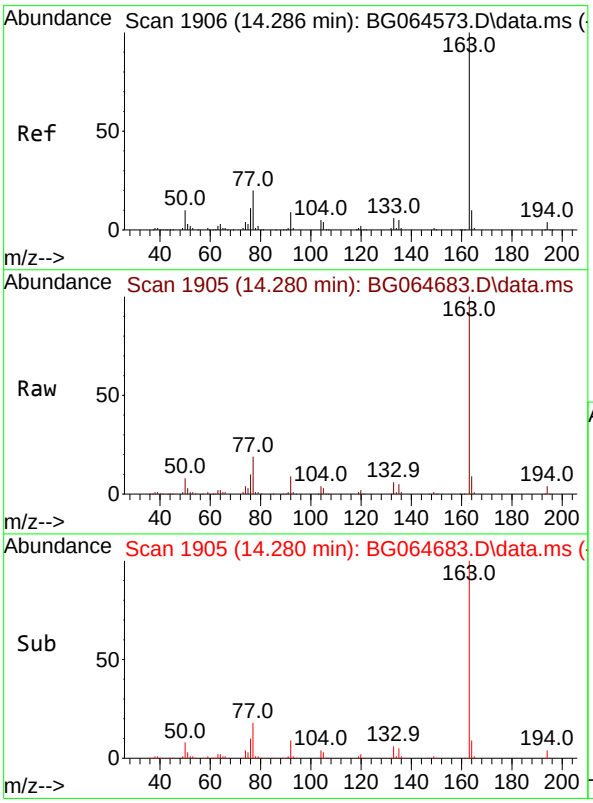
#49
Acenaphthylene
Concen: 54.110 ng
RT: 14.557 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Tgt Ion:152 Resp: 447526

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.4	23.2
153	13.5	11.0	16.4

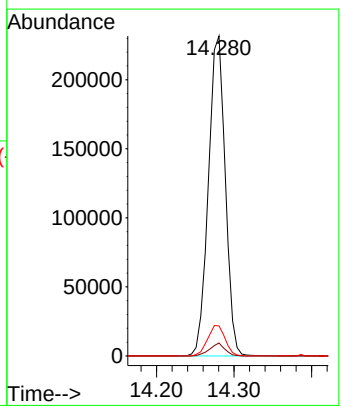


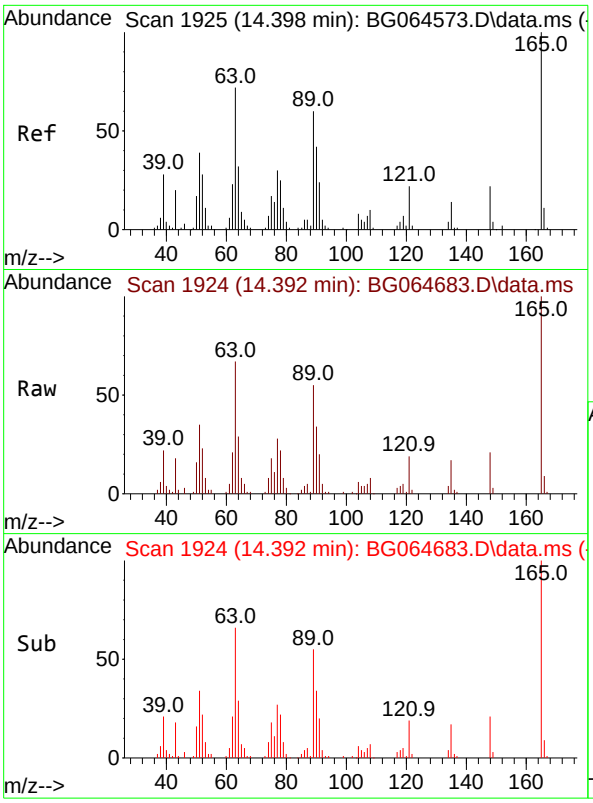


#50
Dimethylphthalate
Concen: 46.888 ng
RT: 14.280 min Scan# 1905
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:163 Resp: 350578

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.8	4.2
164	9.4	7.7	11.5



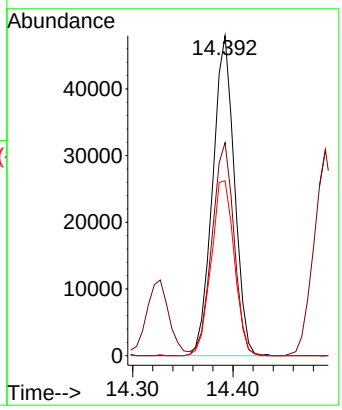


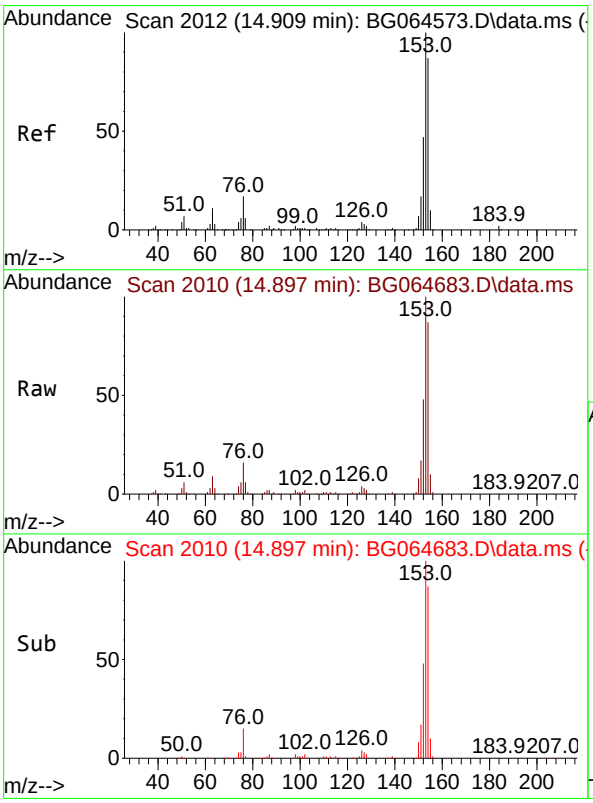
#51
2,6-Dinitrotoluene
Concen: 57.691 ng
RT: 14.392 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Tgt Ion:165 Resp: 72025

Ion	Ratio	Lower	Upper
165	100		
63	66.6	57.4	86.0
89	54.7	47.8	71.8

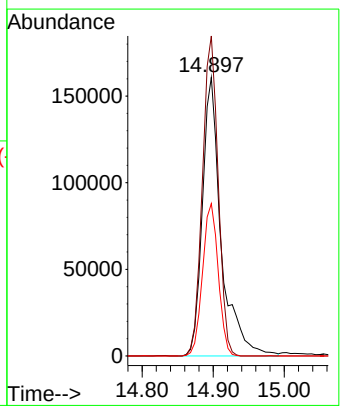


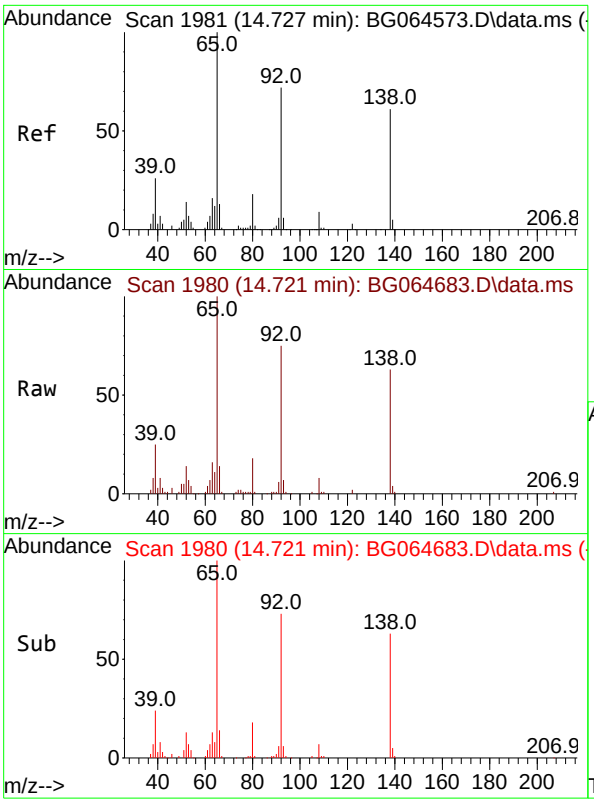


#52
Acenaphthene
Concen: 52.462 ng
RT: 14.897 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:154 Resp: 296446

Ion	Ratio	Lower	Upper
154	100		
153	114.8	92.2	138.4
152	54.6	43.2	64.8



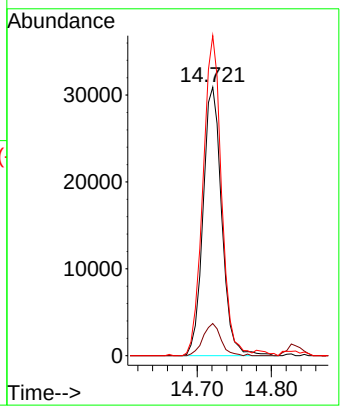


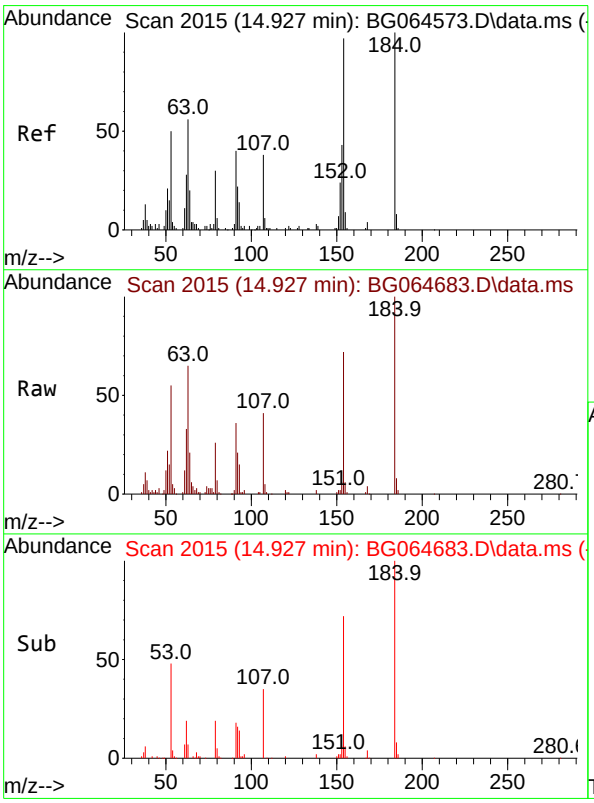
#53
3-Nitroaniline
Concen: 42.124 ng
RT: 14.721 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Tgt Ion:138 Resp: 54127

Ion	Ratio	Lower	Upper
138	100		
108	12.0	11.4	17.0
92	119.2	95.3	142.9

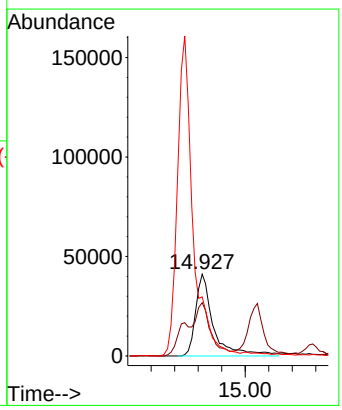


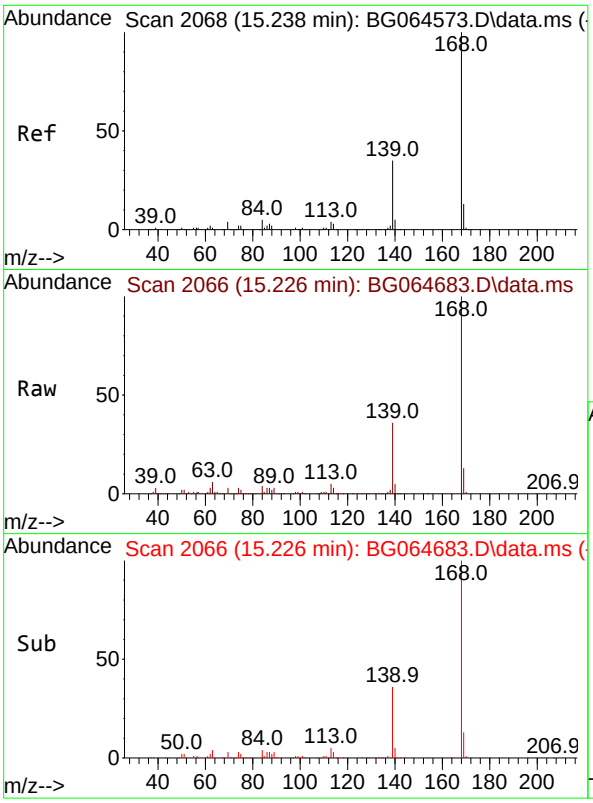


#54
2,4-Dinitrophenol
Concen: 112.166 ng
RT: 14.927 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:184 Resp: 86735

Ion	Ratio	Lower	Upper
184	100		
63	65.1	56.6	85.0
154	72.2	158.6	238.0#



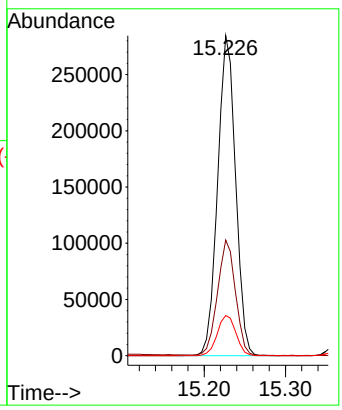


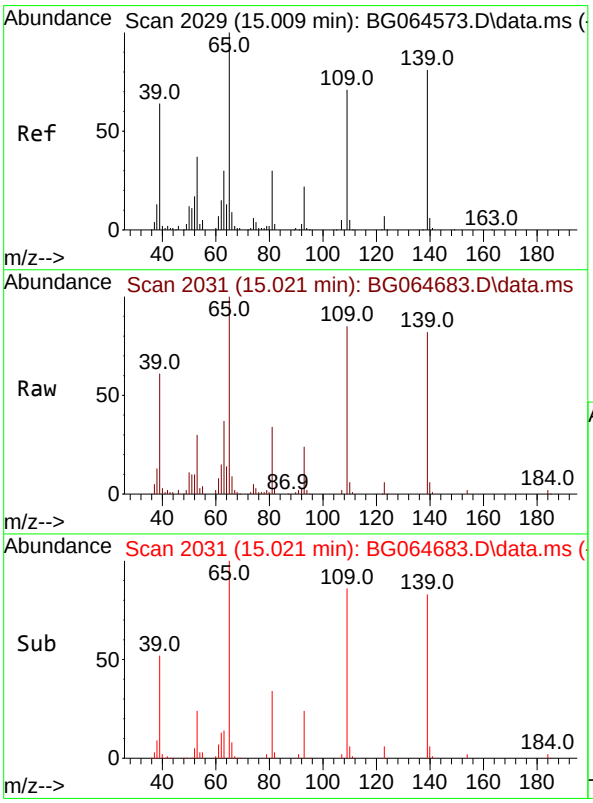
#55
Dibenzofuran
Concen: 47.784 ng
RT: 15.226 min Scan# 2
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Tgt Ion:168 Resp: 436524

Ion	Ratio	Lower	Upper
168	100		
139	36.2	27.8	41.8
169	12.5	10.3	15.5

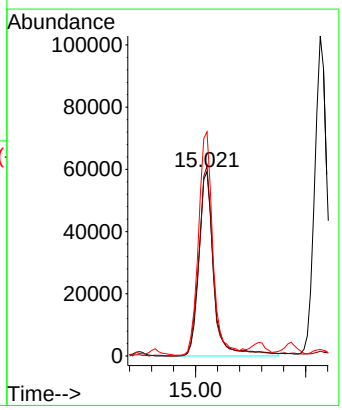


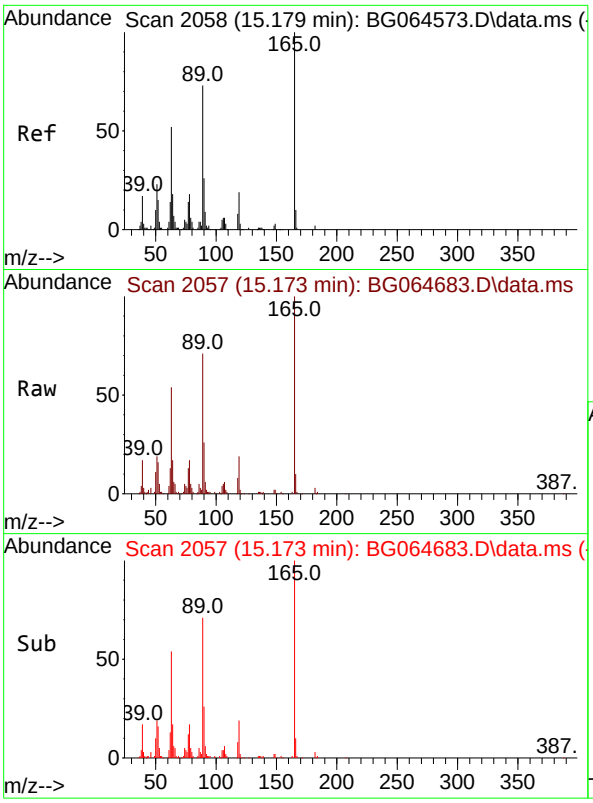


#56
4-Nitrophenol
Concen: 93.749 ng
RT: 15.021 min Scan# 2031
Delta R.T. 0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:139 Resp: 111684

Ion	Ratio	Lower	Upper
139	100		
109	103.2	67.8	107.8
65	121.7	103.7	143.7



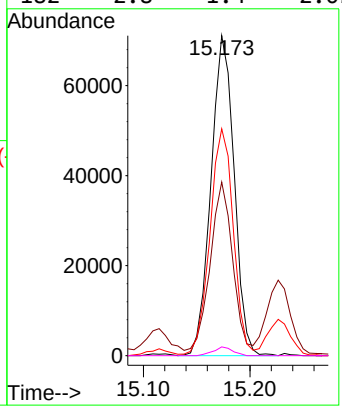


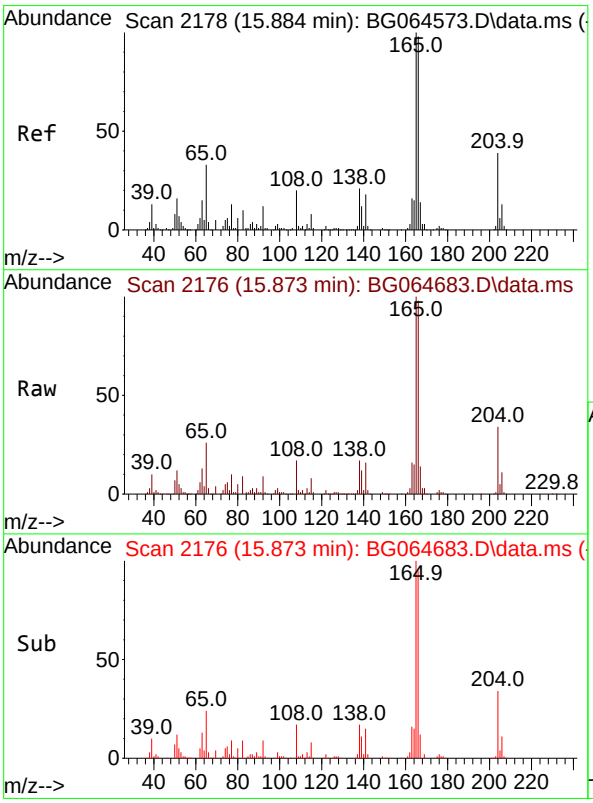
#57
2,4-Dinitrotoluene
Concen: 55.766 ng
RT: 15.173 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Tgt Ion:165 Resp: 107377

Ion	Ratio	Lower	Upper
165	100		
63	54.3	41.8	62.8
89	70.9	58.1	87.1
182	2.8	1.4	2.0#

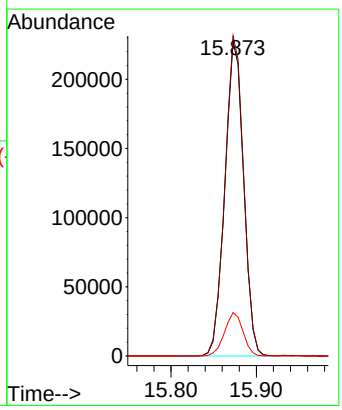


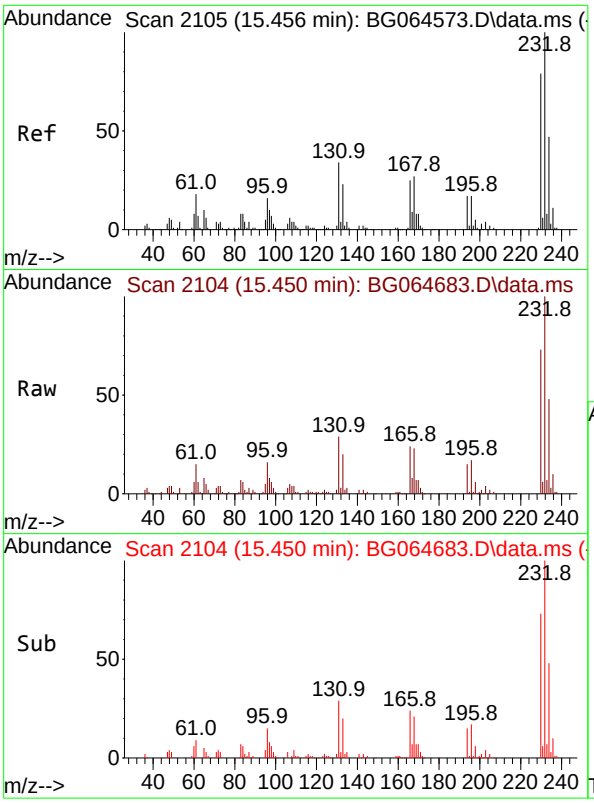


#58
Fluorene
Concen: 48.619 ng
RT: 15.873 min Scan# 2176
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:166 Resp: 346869

Ion	Ratio	Lower	Upper
166	100		
165	101.7	81.5	122.3
167	13.8	11.4	17.0



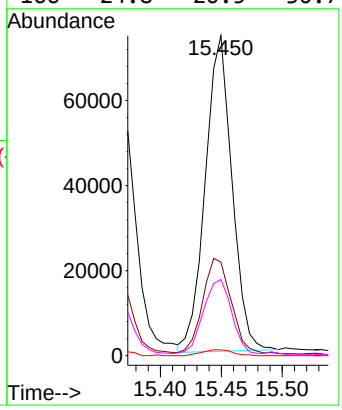


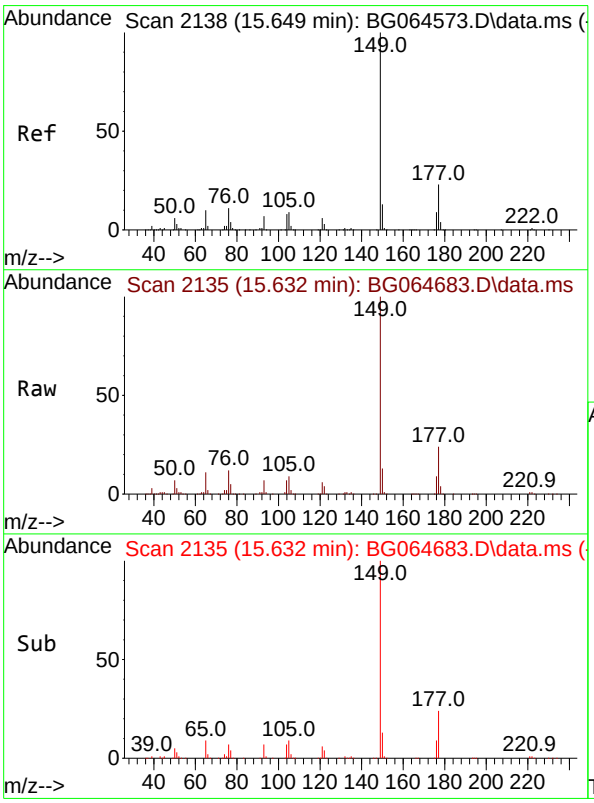
#59
2,3,4,6-Tetrachlorophenol
Concen: 54.825 ng
RT: 15.450 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Tgt Ion:232 Resp: 113483

Ion	Ratio	Lower	Upper
232	100		
131	33.1	26.7	40.1
130	2.2	1.6	2.4
166	24.8	20.5	30.7

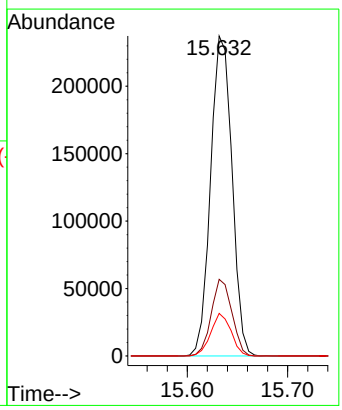


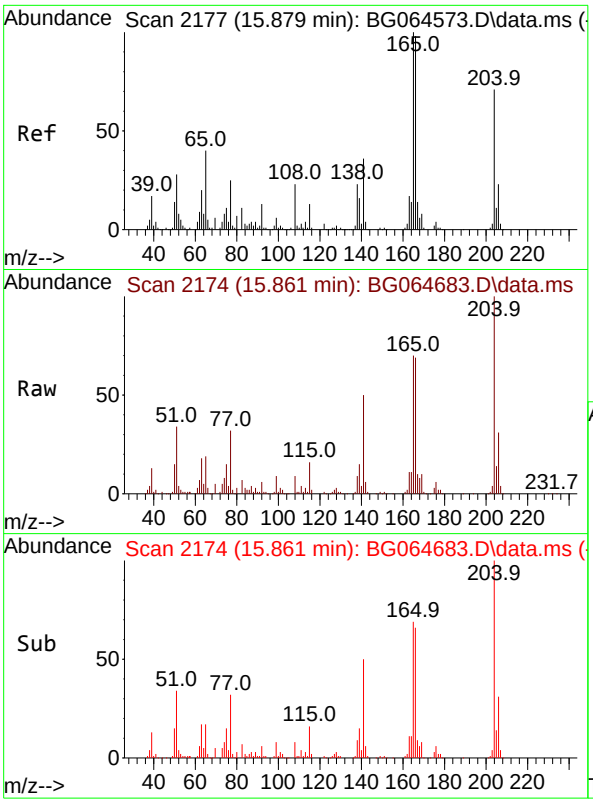


#60
Diethylphthalate
Concen: 46.024 ng
RT: 15.632 min Scan# 2135
Delta R.T. -0.018 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:149 Resp: 351361

Ion	Ratio	Lower	Upper
149	100		
177	24.0	18.0	27.0
150	13.3	10.2	15.4



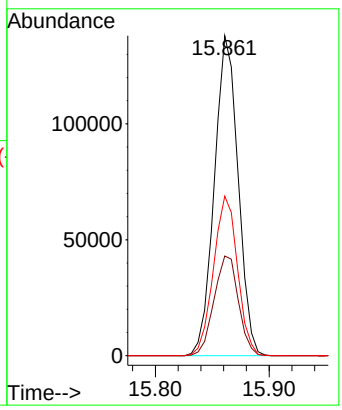


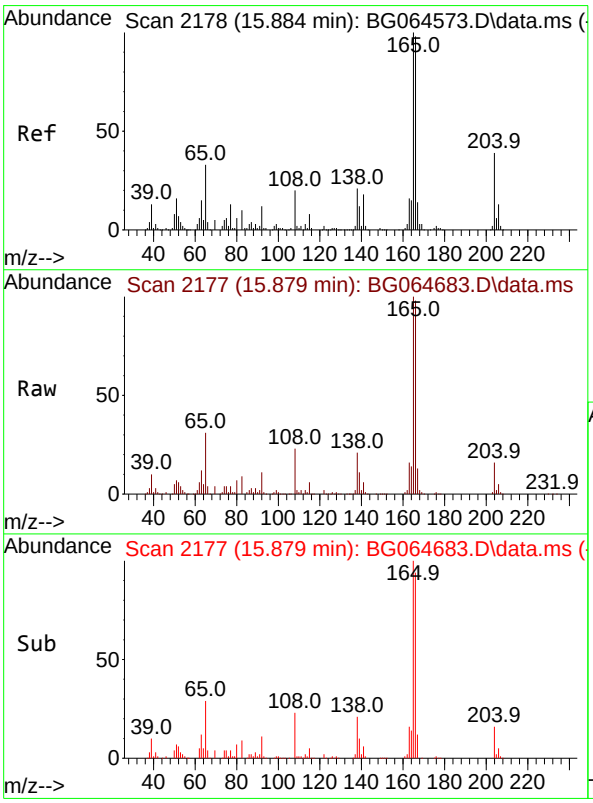
#61
4-Chlorophenyl-phenylether
Concen: 50.064 ng
RT: 15.861 min Scan# 21
Delta R.T. -0.018 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Tgt Ion:204 Resp: 200445

Ion	Ratio	Lower	Upper
204	100		
206	31.2	25.6	38.4
141	49.8	40.6	60.8

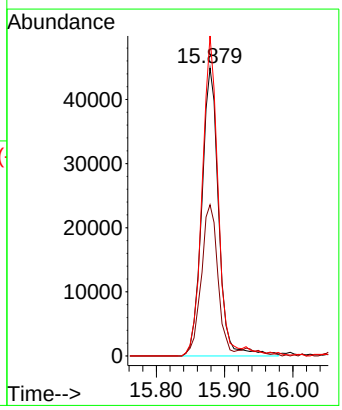


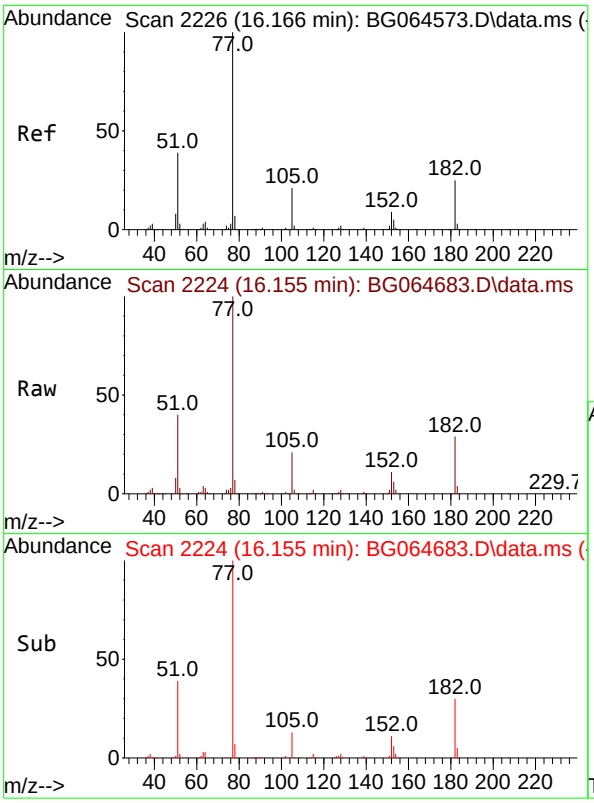


#62
4-Nitroaniline
Concen: 53.925 ng
RT: 15.879 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:138 Resp: 77086

Ion	Ratio	Lower	Upper
138	100		
92	52.5	36.1	76.1
108	111.1	75.6	115.6



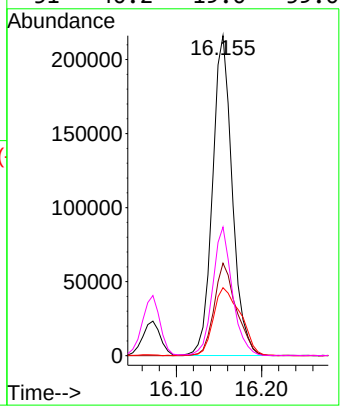


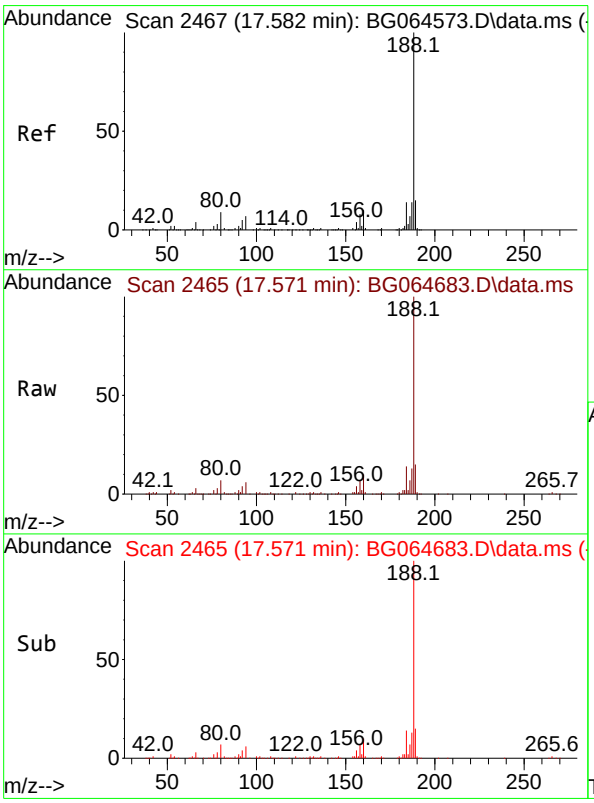
#63
Azobenzene
Concen: 49.429 ng
RT: 16.155 min Scan# 2
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Tgt Ion: 77 Resp: 346233

Ion	Ratio	Lower	Upper
77	100		
182	28.9	4.9	44.9
105	21.3	1.3	41.3
51	40.2	19.0	59.0

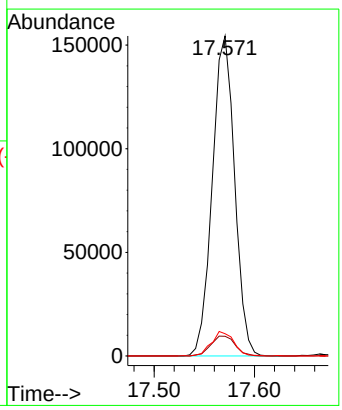


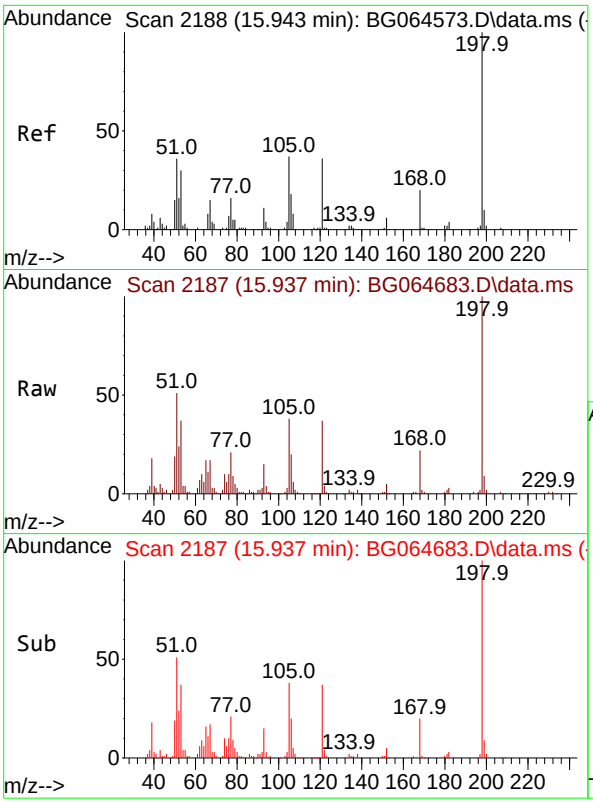


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.571 min Scan# 2465
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:188 Resp: 238341

Ion	Ratio	Lower	Upper
188	100		
94	6.2	5.7	8.5
80	7.0	6.8	10.2



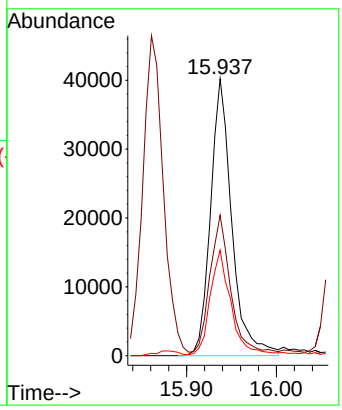


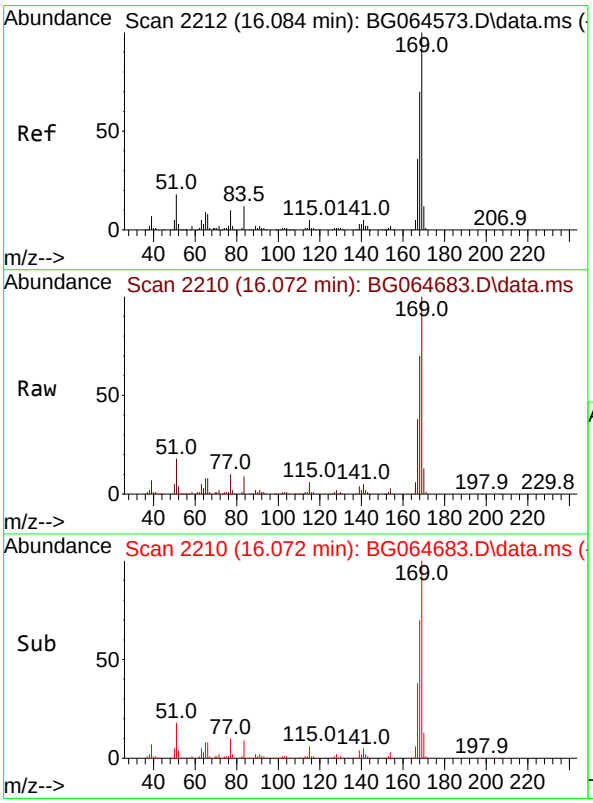
#65
4,6-Dinitro-2-methylphenol
Concen: 61.322 ng
RT: 15.937 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Tgt Ion:198 Resp: 66094

Ion	Ratio	Lower	Upper
198	100		
51	50.8	24.7	64.7
105	38.1	18.0	58.0

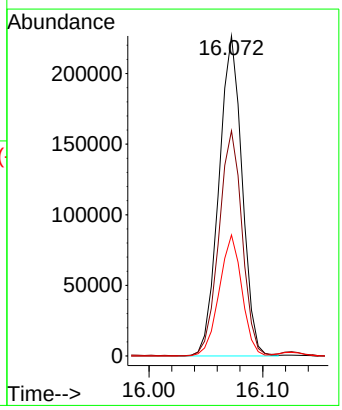


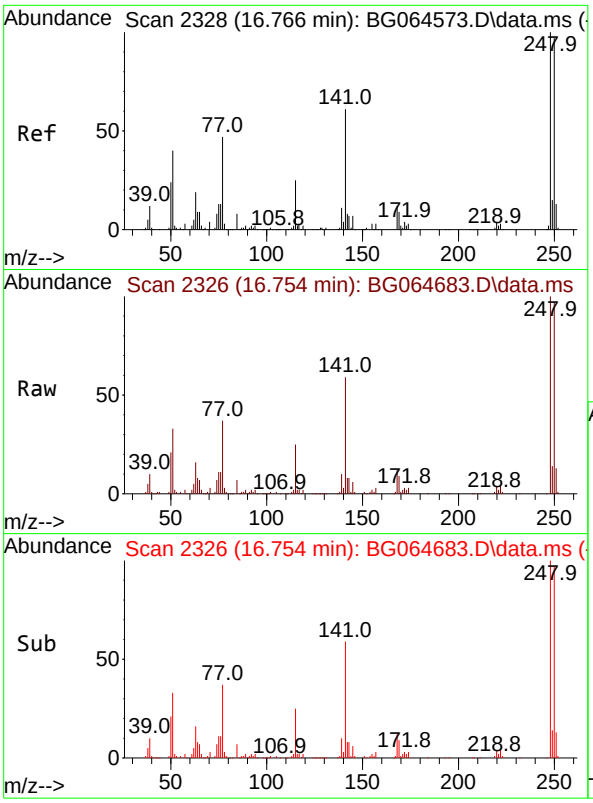


#66
n-Nitrosodiphenylamine
Concen: 49.855 ng
RT: 16.072 min Scan# 2210
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:169 Resp: 320976

Ion	Ratio	Lower	Upper
169	100		
168	70.3	56.3	84.5
167	37.8	29.0	43.6



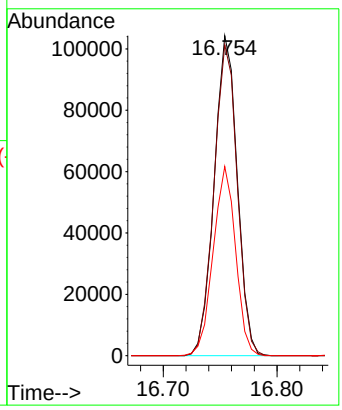


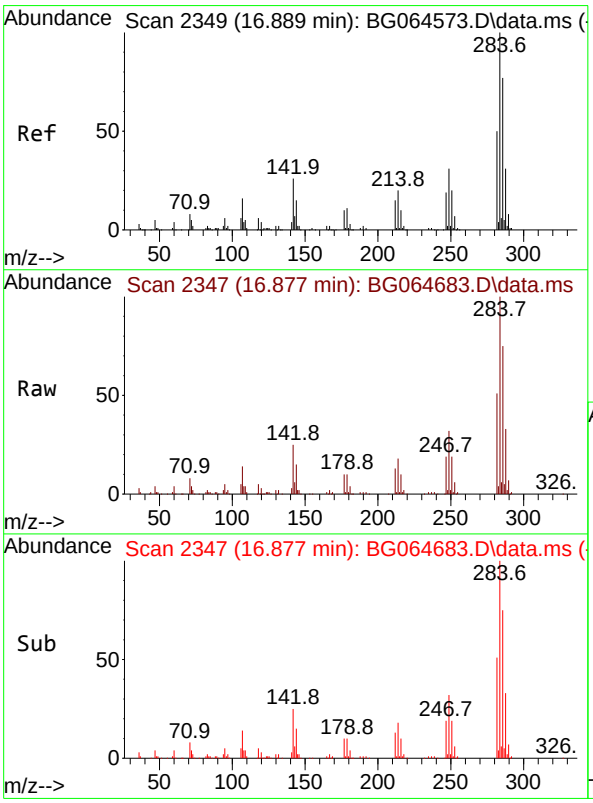
#67
4-Bromophenyl-phenylether
Concen: 52.145 ng
RT: 16.754 min Scan# 2
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Tgt Ion:248 Resp: 147280

Ion	Ratio	Lower	Upper
248	100		
250	97.2	77.7	116.5
141	59.1	48.6	72.8

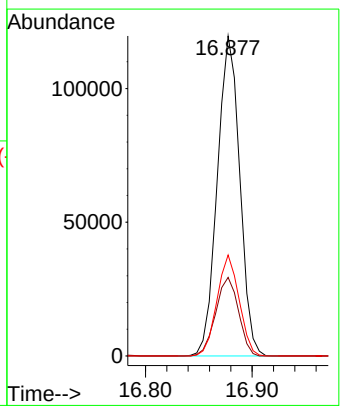


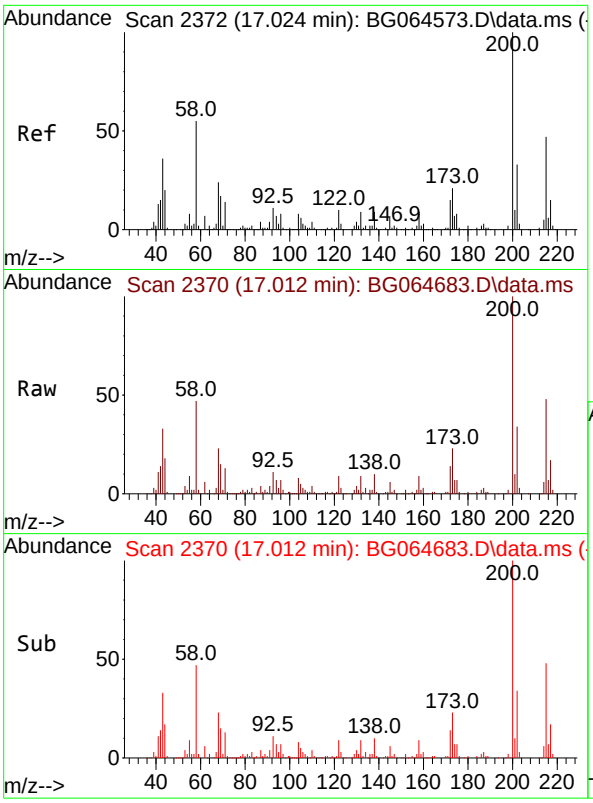


#68
Hexachlorobenzene
Concen: 54.164 ng
RT: 16.877 min Scan# 2347
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:284 Resp: 174527

Ion	Ratio	Lower	Upper
284	100		
142	24.5	21.0	31.6
249	31.6	24.9	37.3



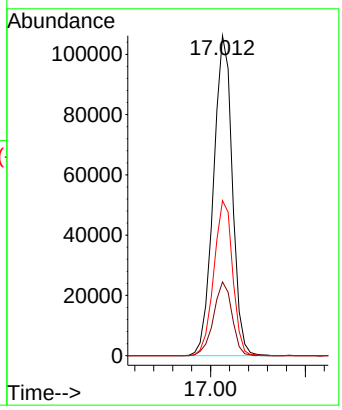


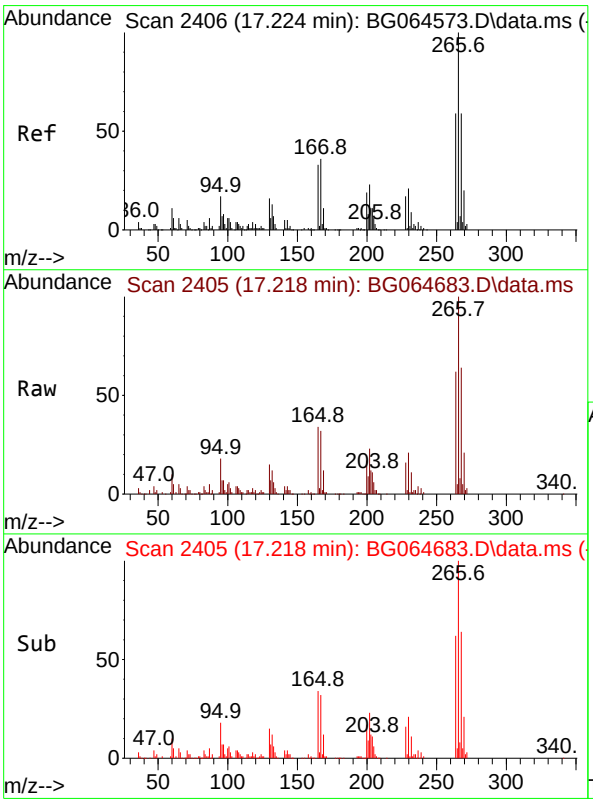
#69
Atrazine
Concen: 52.897 ng
RT: 17.012 min Scan# 2
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Tgt Ion:200 Resp: 146558

Ion	Ratio	Lower	Upper
200	100		
173	23.0	0.9	40.9
215	48.4	27.0	67.0

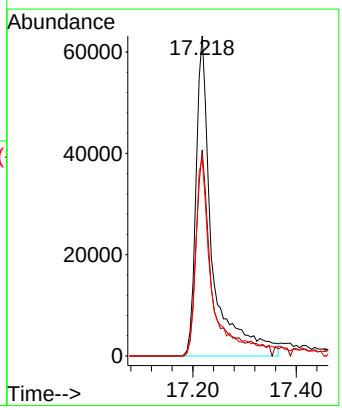


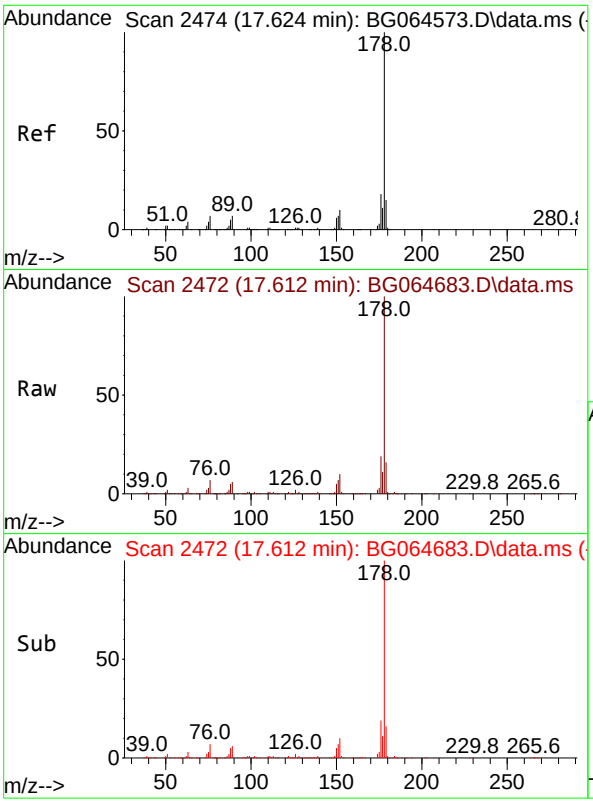


#70
Pentachlorophenol
Concen: 69.046 ng
RT: 17.218 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:266 Resp: 138736

Ion	Ratio	Lower	Upper
266	100		
268	68.9	50.3	75.5
264	61.6	47.3	70.9



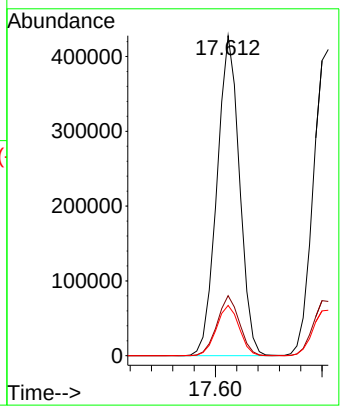


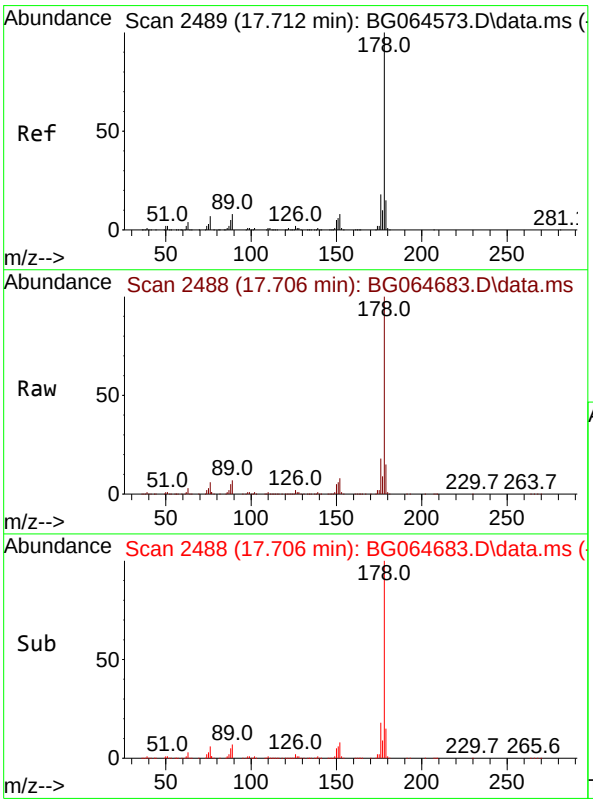
#71
Phenanthrene
Concen: 48.065 ng
RT: 17.612 min Scan# 24
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Tgt Ion:178 Resp: 626478

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.7	22.1
179	15.7	12.2	18.4

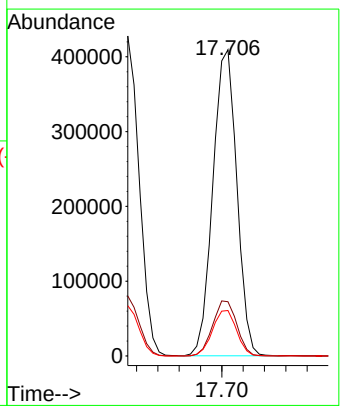


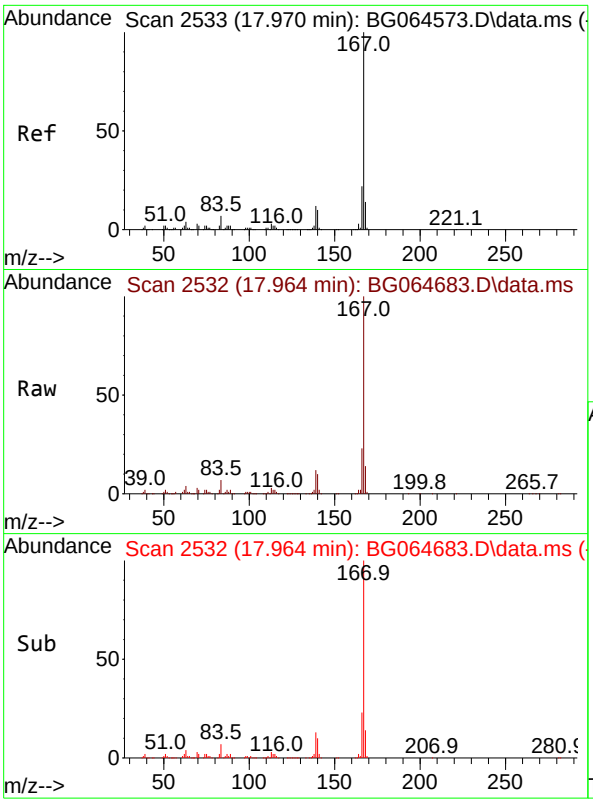


#72
Anthracene
Concen: 48.084 ng
RT: 17.706 min Scan# 2488
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:178 Resp: 637519

Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.4	21.6
179	14.8	12.4	18.6



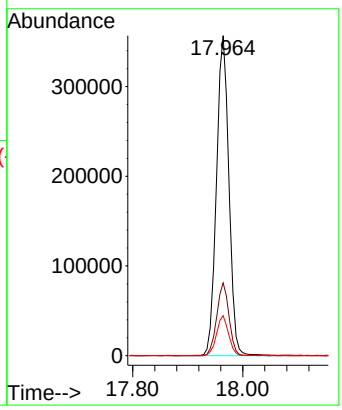


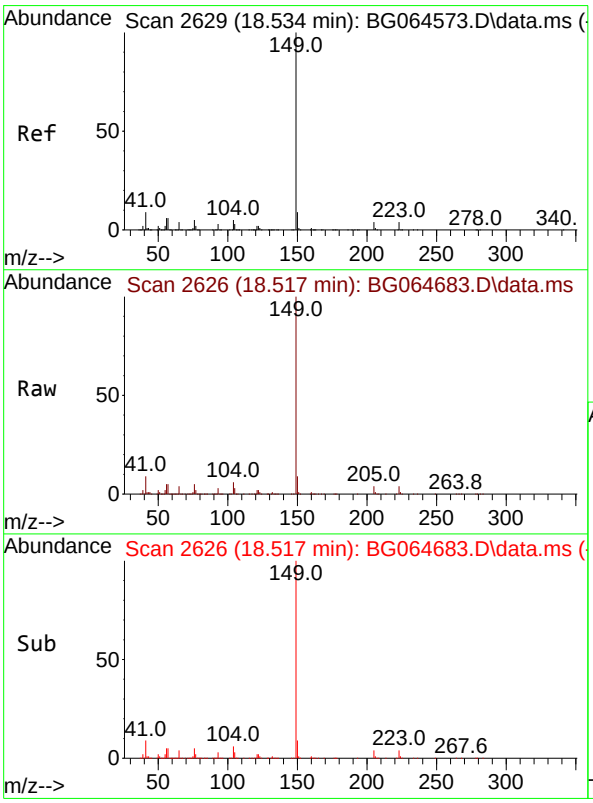
#73
Carbazole
Concen: 47.873 ng
RT: 17.964 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Tgt Ion:167 Resp: 559713

Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.9	26.9
139	12.5	9.7	14.5

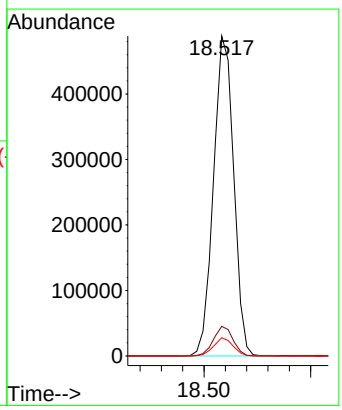


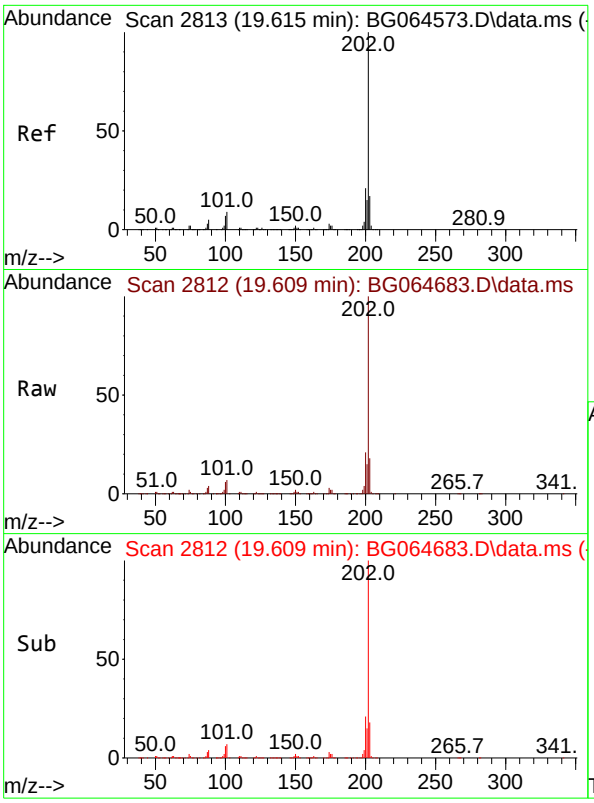


#74
Di-n-butylphthalate
Concen: 47.395 ng
RT: 18.517 min Scan# 2626
Delta R.T. -0.018 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:149 Resp: 640771

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.0	10.6
104	5.7	4.1	6.1



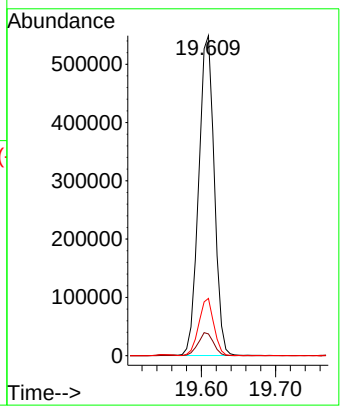


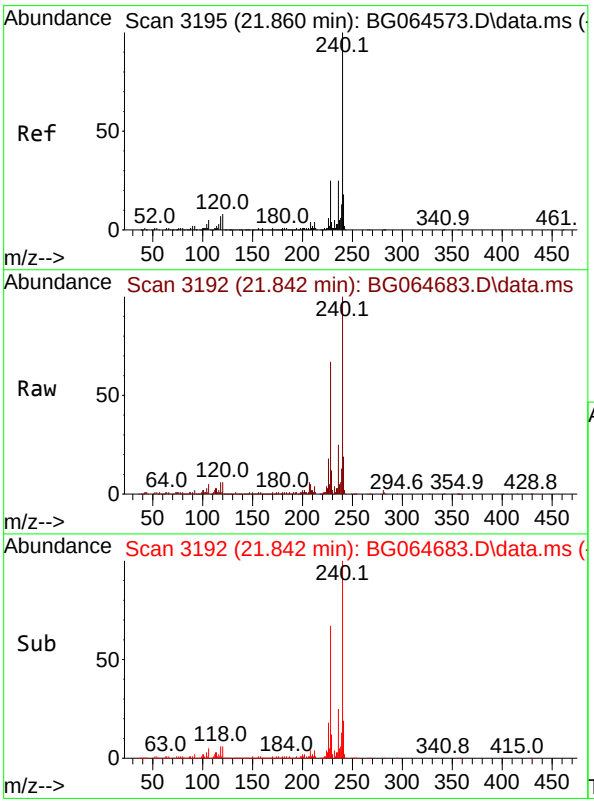
#75
Fluoranthene
Concen: 49.049 ng
RT: 19.609 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Tgt Ion:202 Resp: 800886

Ion	Ratio	Lower	Upper
202	100		
101	6.8	0.0	28.7
203	17.9	0.0	37.0

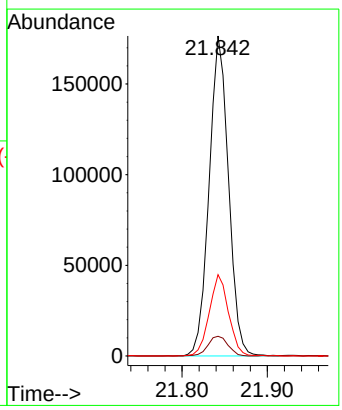


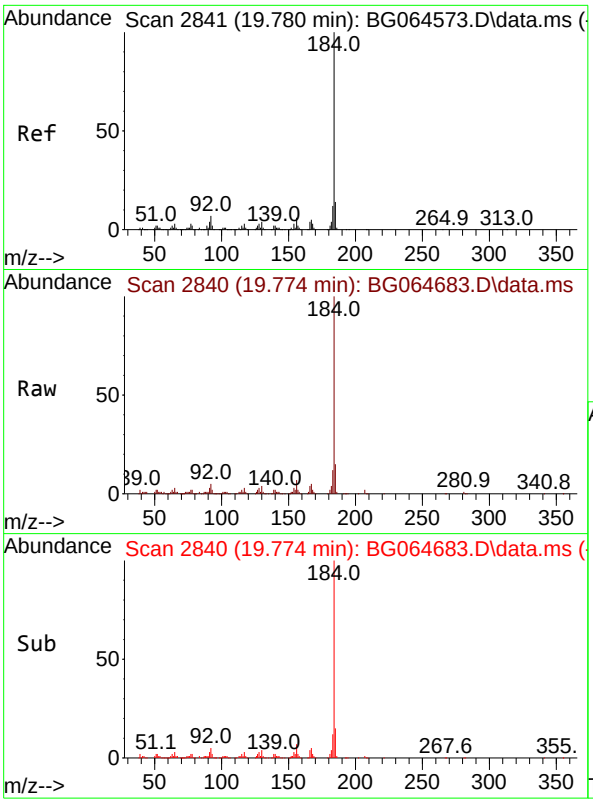


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.842 min Scan# 3192
Delta R.T. -0.018 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:240 Resp: 278646

Ion	Ratio	Lower	Upper
240	100		
120	6.1	6.5	9.7#
236	25.4	20.2	30.2



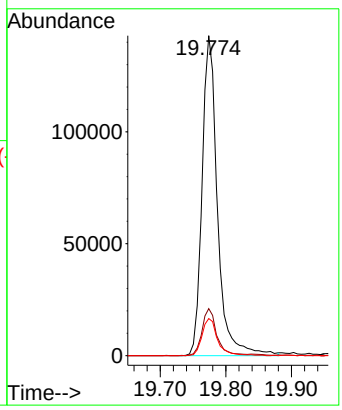


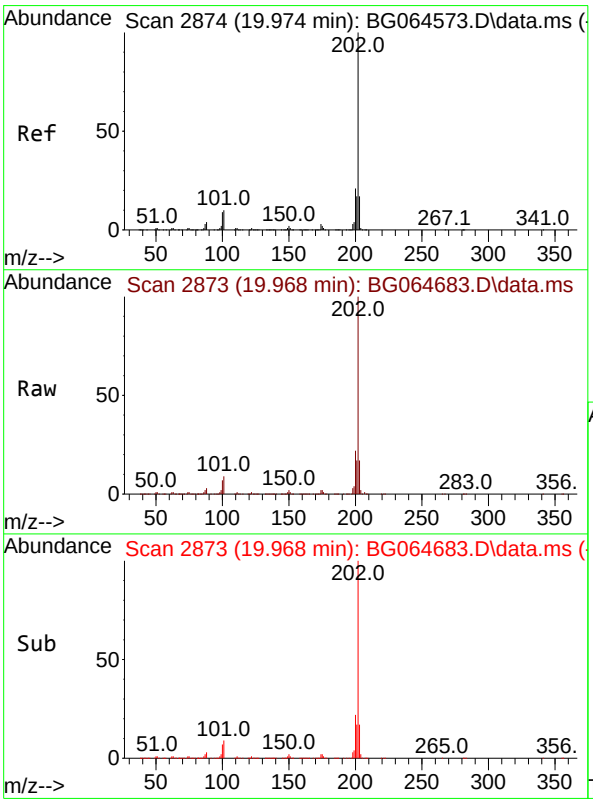
#77
Benzidine
Concen: 37.459 ng
RT: 19.774 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Tgt Ion:184 Resp: 233853

Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.4	17.2
183	11.6	9.4	14.2

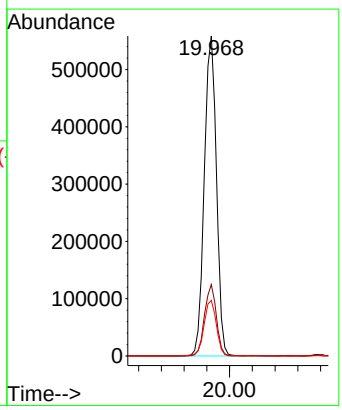


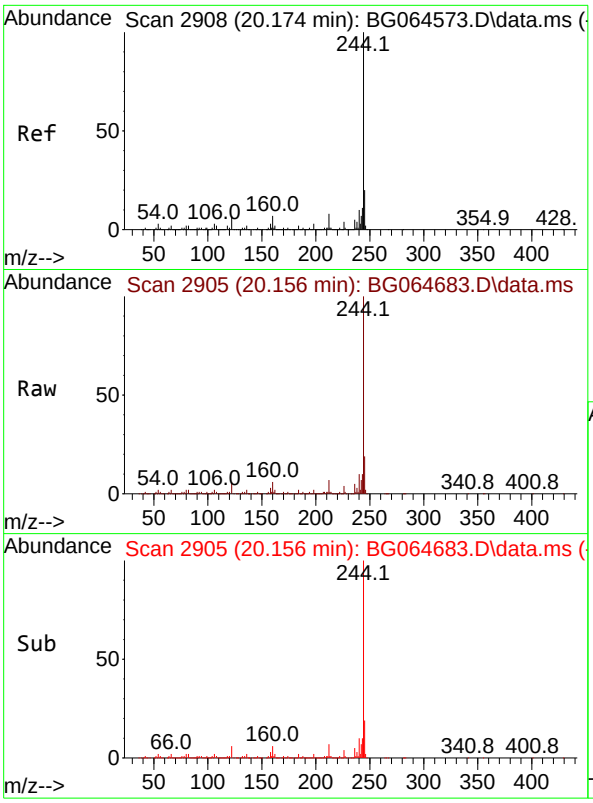


#78
Pyrene
Concen: 45.294 ng
RT: 19.968 min Scan# 2873
Delta R.T. -0.006 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:202 Resp: 824584

Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.0	25.4
203	17.4	13.8	20.6



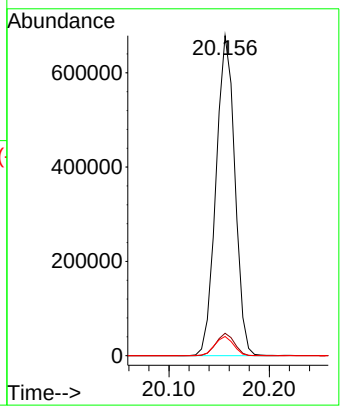


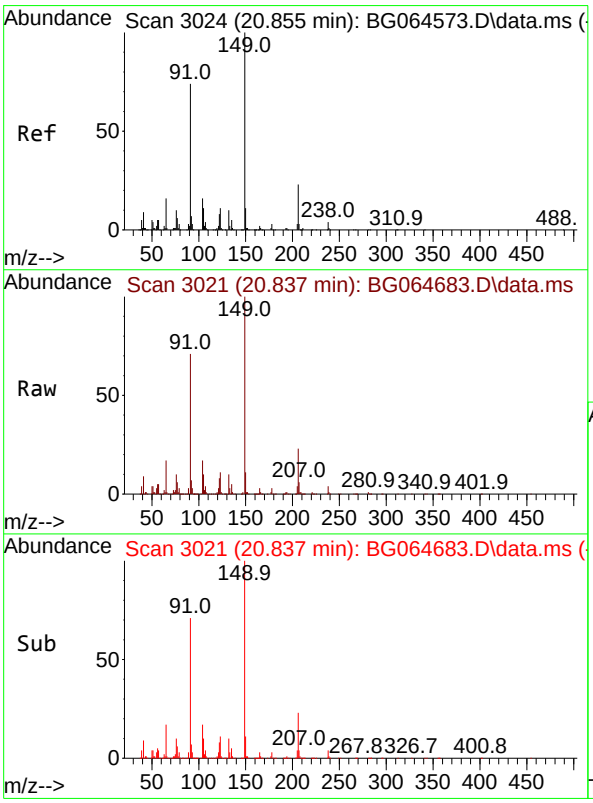
#79
Terphenyl-d14
Concen: 59.903 ng
RT: 20.156 min Scan# 2
Delta R.T. -0.018 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Tgt Ion:244 Resp: 884480

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.1	9.1
122	6.0	5.6	8.4

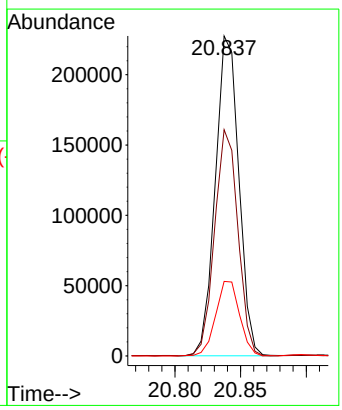


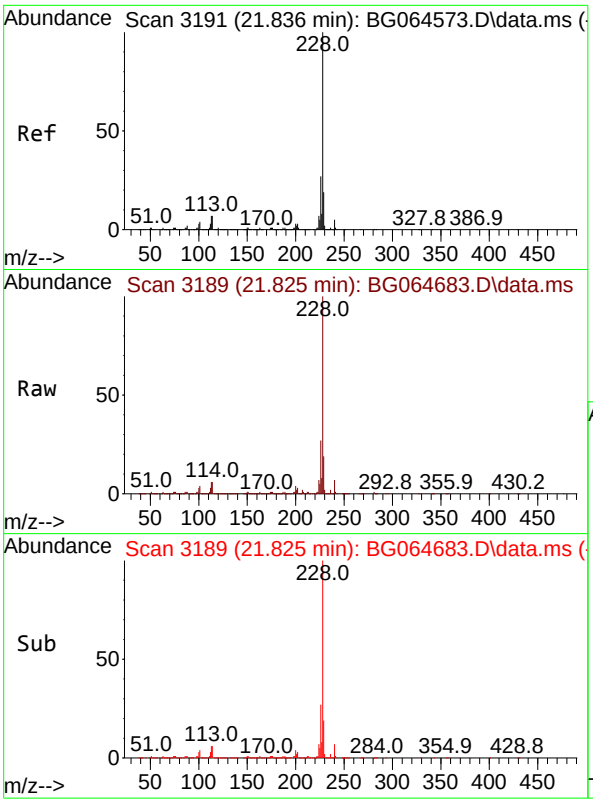


#80
Butylbenzylphthalate
Concen: 51.453 ng
RT: 20.837 min Scan# 3021
Delta R.T. -0.018 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:149 Resp: 283110

Ion	Ratio	Lower	Upper
149	100		
91	70.7	59.2	88.8
206	23.3	18.1	27.1



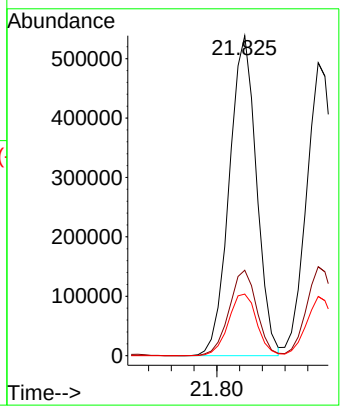


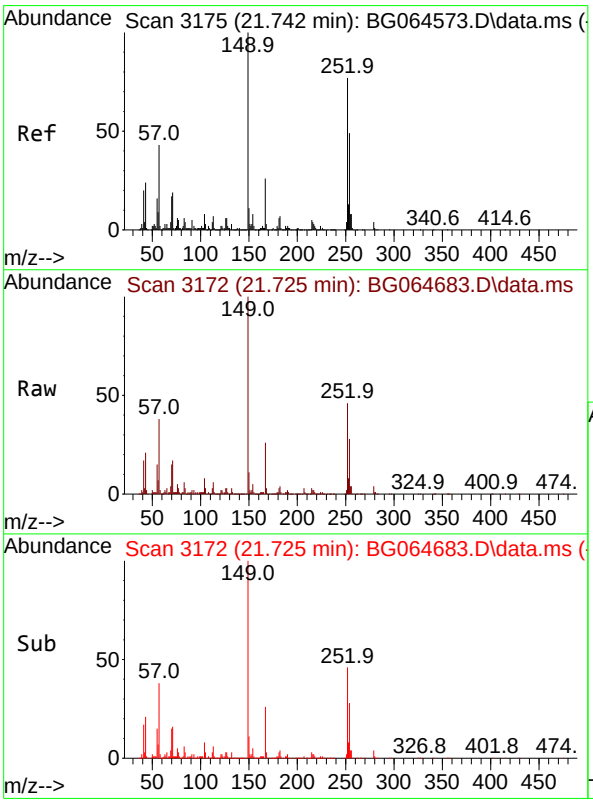
#81
Benzo(a)anthracene
Concen: 48.442 ng
RT: 21.825 min Scan# 3
Delta R.T. -0.012 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Tgt Ion:228 Resp: 895006

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.9	32.9
229	19.3	15.6	23.4

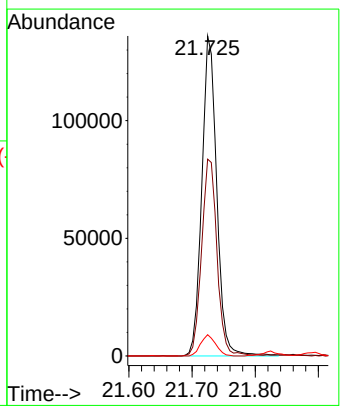


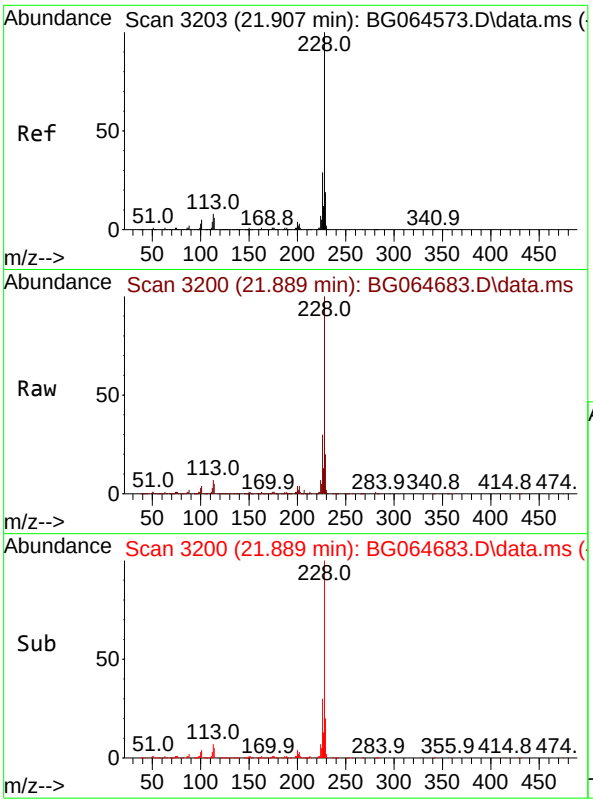


#82
3,3'-Dichlorobenzidine
Concen: 36.229 ng
RT: 21.725 min Scan# 3172
Delta R.T. -0.018 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:252 Resp: 223522

Ion	Ratio	Lower	Upper
252	100		
254	61.5	50.8	76.2
126	6.6	5.8	8.6



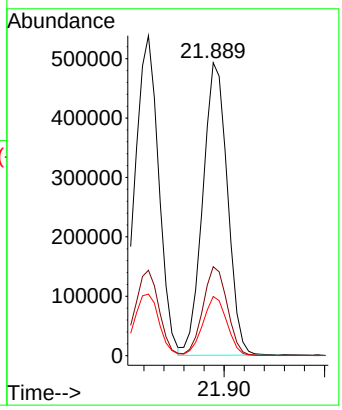


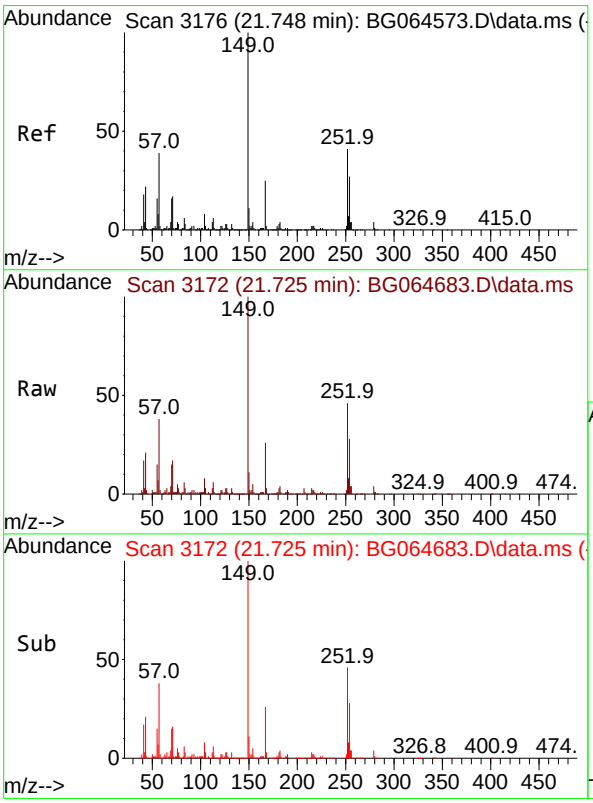
#83
Chrysene
Concen: 47.814 ng
RT: 21.889 min Scan# 3
Delta R.T. -0.018 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Tgt Ion:228 Resp: 840571

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.3	34.9
229	20.2	15.2	22.8

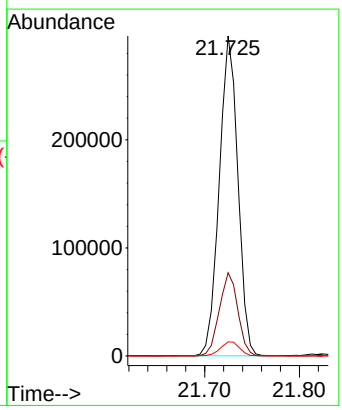


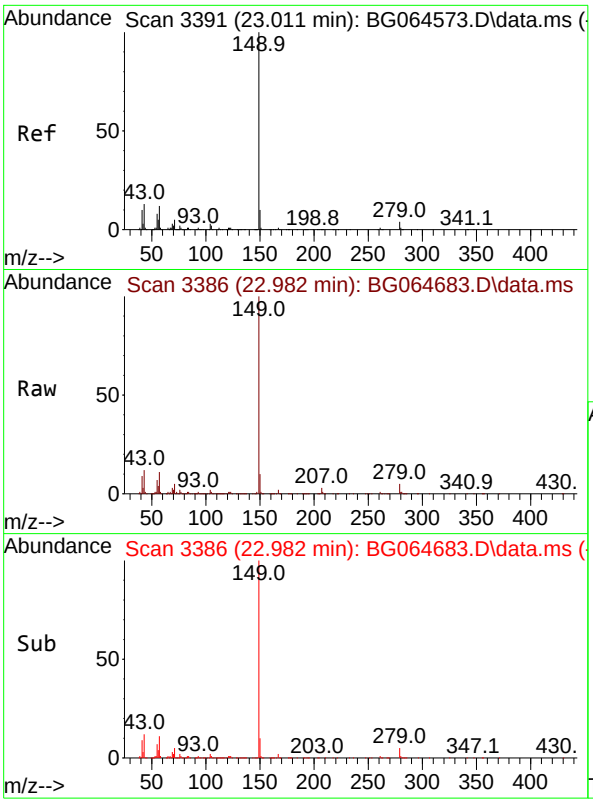


#84
Bis(2-ethylhexyl)phthalate
Concen: 49.131 ng
RT: 21.725 min Scan# 3172
Delta R.T. -0.024 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:149 Resp: 403941

Ion	Ratio	Lower	Upper
149	100		
167	26.0	20.0	30.0
279	4.4	3.1	4.7



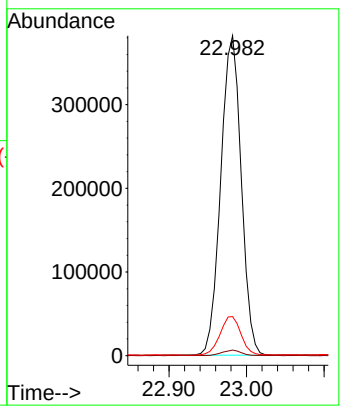


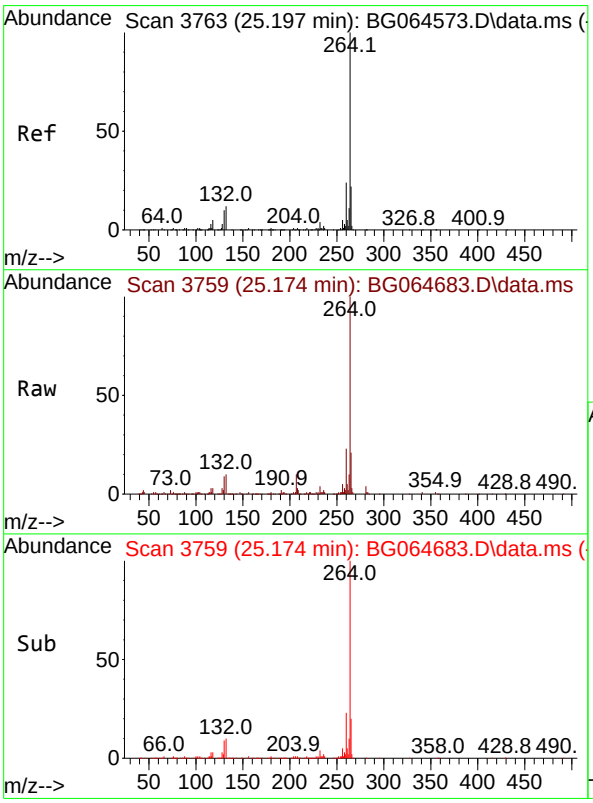
#85
Di-n-octyl phthalate
Concen: 50.622 ng
RT: 22.982 min Scan# 3
Delta R.T. -0.029 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Tgt Ion:149 Resp: 701716

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	12.2	10.8	16.2

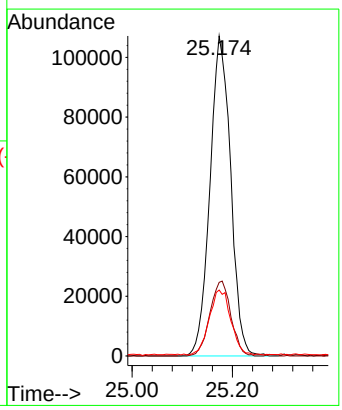


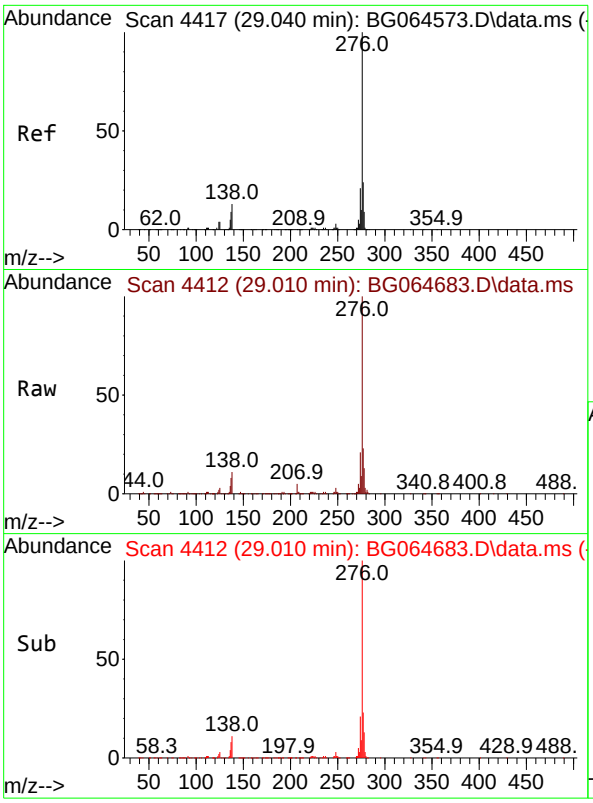


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.174 min Scan# 3759
Delta R.T. -0.024 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:264 Resp: 306904

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.0	28.4
265	20.6	17.6	26.4



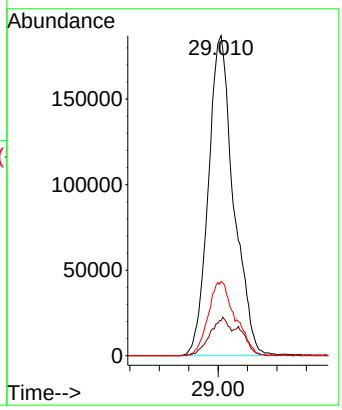


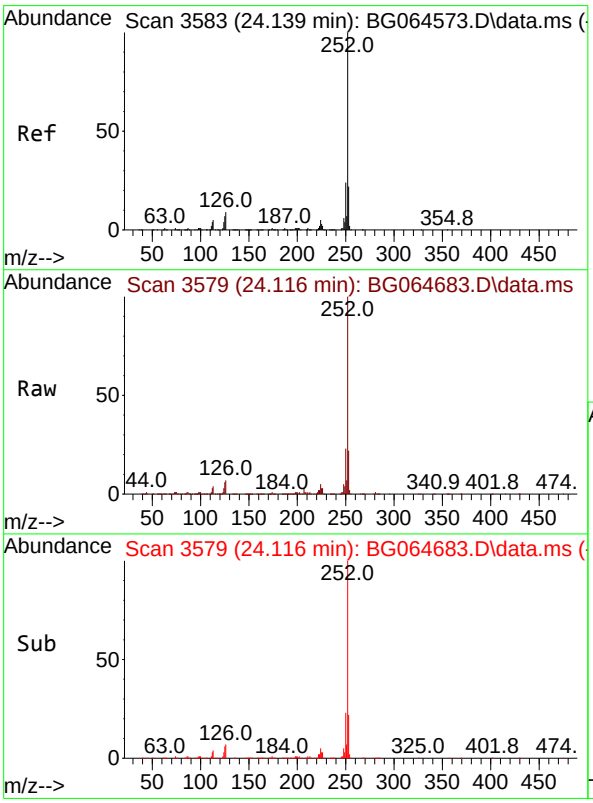
#87
Indeno(1,2,3-cd)pyrene
Concen: 49.501 ng
RT: 29.010 min Scan# 4
Delta R.T. -0.029 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Tgt Ion:276 Resp: 1117590

Ion	Ratio	Lower	Upper
276	100		
138	9.7	10.8	16.2#
277	24.9	20.1	30.1

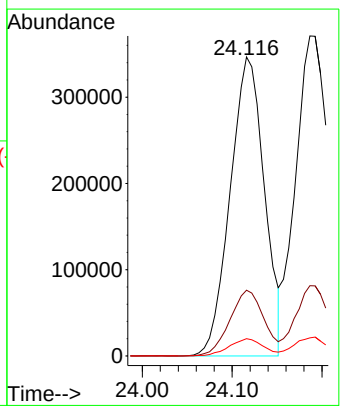


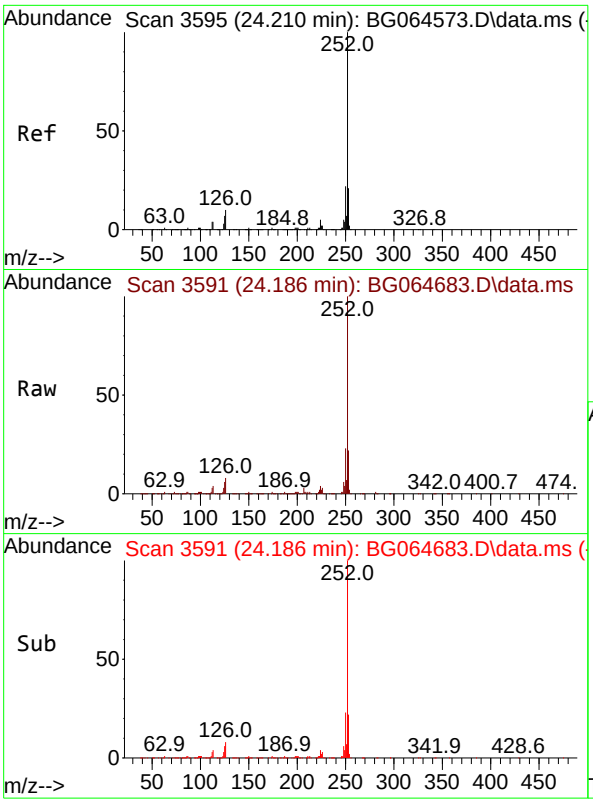


#88
Benzo(b)fluoranthene
Concen: 48.744 ng
RT: 24.116 min Scan# 3579
Delta R.T. -0.024 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:252 Resp: 917327

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	5.8	5.6	8.4



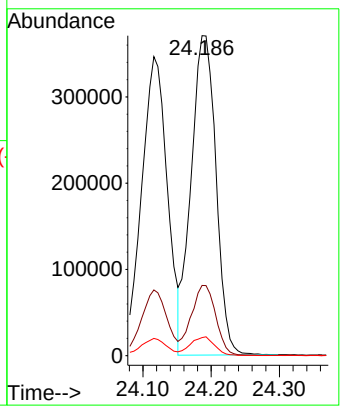


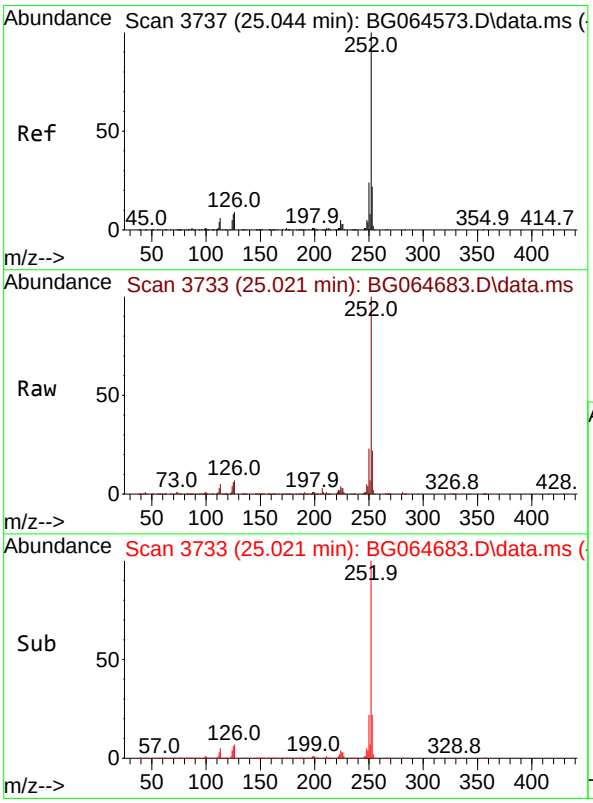
#89
Benzo(k)fluoranthene
Concen: 49.823 ng
RT: 24.186 min Scan# 3
Delta R.T. -0.024 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Tgt Ion:252 Resp: 938287

Ion	Ratio	Lower	Upper
252	100		
253	21.9	16.8	25.2
125	5.7	5.4	8.0

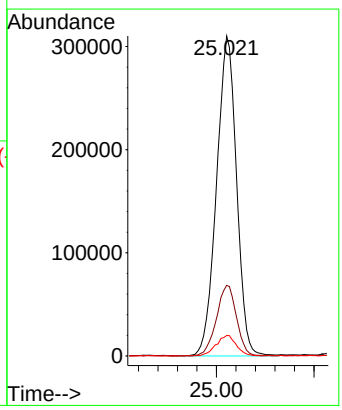


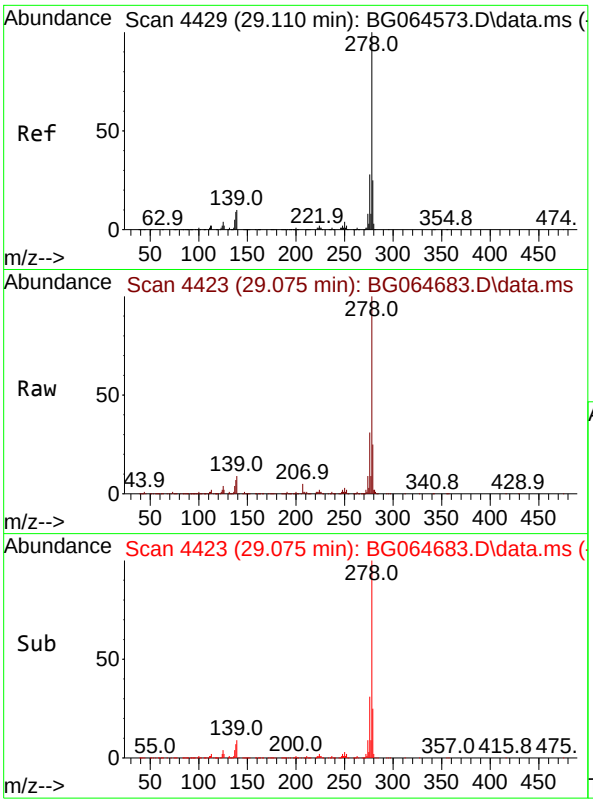


#90
Benzo(a)pyrene
Concen: 51.224 ng
RT: 25.021 min Scan# 3733
Delta R.T. -0.024 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:252 Resp: 886118

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	6.4	6.1	9.1



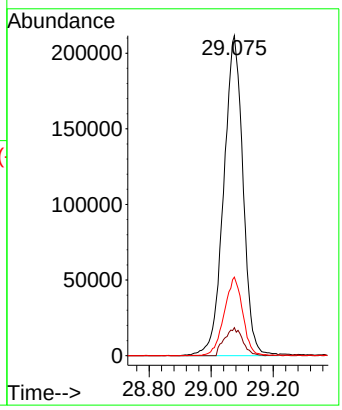


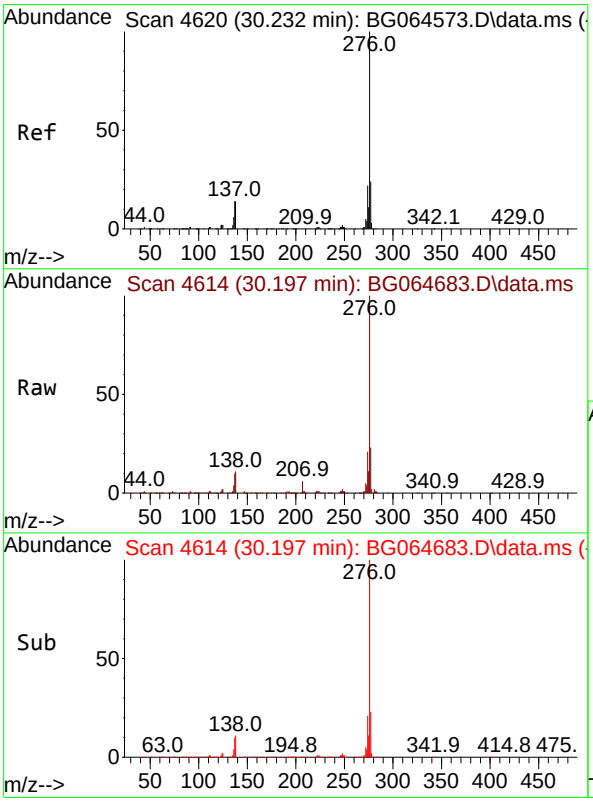
#91
Dibenzo(a,h)anthracene
Concen: 49.797 ng
RT: 29.075 min Scan# 4
Delta R.T. -0.035 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Tgt Ion:278 Resp: 913373

Ion	Ratio	Lower	Upper
278	100		
139	8.7	8.0	12.0
279	24.6	19.8	29.6

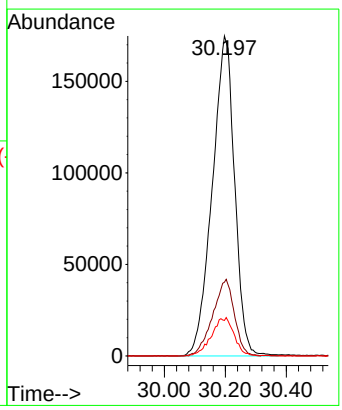




#92
Benzo(g,h,i)perylene
Concen: 50.793 ng
RT: 30.197 min Scan# 4614
Delta R.T. -0.035 min
Lab File: BG064683.D
Acq: 3 Nov 2025 22:05

Tgt Ion:276 Resp: 889972

Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.1	28.7
138	11.1	11.3	16.9#



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064684.D
Acq On : 3 Nov 2025 22:46
Operator : RC/JU
Sample : Q3399-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Quant Time: Nov 04 00:48:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.206	152	29939	20.000	ng		-0.02
21) Naphthalene-d8	11.032	136	118752	20.000	ng		-0.02
39) Acenaphthene-d10	14.834	164	97631	20.000	ng		-0.01
64) Phenanthrene-d10	17.572	188	238127	20.000	ng		#-0.01
76) Chrysene-d12	21.843	240	275359	20.000	ng		#-0.02
86) Perylene-d12	25.180	264	303393	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.744	112	162495	91.101	ng		0.00
7) Phenol-d6	7.348	99	242031	98.886	ng		0.00
23) Nitrobenzene-d5	9.375	82	146476	74.085	ng		-0.01
42) 2,4,6-Tribromophenol	16.314	330	171104	121.427	ng		0.00
45) 2-Fluorobiphenyl	13.459	172	386387	59.988	ng		-0.02
79) Terphenyl-d14	20.157	244	884487	60.618	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.576	88	26347	33.364	ng		98
3) Pyridine	3.987	79	74639	31.474	ng		95
4) n-Nitrosodimethylamine	3.893	42	51702	40.655	ng		97
6) Aniline	7.519	93	105815	31.771	ng		99
8) 2-Chlorophenol	7.765	128	100448	53.803	ng		94
9) Benzaldehyde	7.331	77	43143	32.287	ng		92
10) Phenol	7.378	94	135096	49.910	ng		97
11) bis(2-Chloroethyl)ether	7.613	93	85702	43.064	ng		98
12) 1,3-Dichlorobenzene	8.100	146	102870	47.873	ng		95
13) 1,4-Dichlorobenzene	8.241	146	108729	49.763	ng		96
14) 1,2-Dichlorobenzene	8.564	146	105114	49.878	ng		98
15) Benzyl Alcohol	8.441	79	99746	49.420	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.735	45	220307	42.202	ng		98
17) 2-Methylphenol	8.641	107	90396	50.299	ng		94
18) Hexachloroethane	9.305	117	38564	50.296	ng		92
19) n-Nitroso-di-n-propyla...	9.011	70	76973	45.505	ng		99
20) 3+4-Methylphenols	8.970	107	125725	49.745	ng		98
22) Acetophenone	9.034	105	172932	53.272	ng	#	96
24) Nitrobenzene	9.416	77	115831	53.864	ng		95
25) Isophorone	9.945	82	218689	46.096	ng		99
26) 2-Nitrophenol	10.133	139	54190	64.182	ng	#	90
27) 2,4-Dimethylphenol	10.186	122	95345	54.028	ng		97
28) bis(2-Chloroethoxy)met...	10.421	93	126872	46.969	ng		100
29) 2,4-Dichlorophenol	10.674	162	105460	55.529	ng		95
30) 1,2,4-Trichlorobenzene	10.897	180	120331	55.764	ng		95
31) Naphthalene	11.085	128	322463	48.977	ng		99
32) Benzoic acid	10.309	122	51617	39.619	ng		95
33) 4-Chloroaniline	11.179	127	64055	25.031	ng		95
34) Hexachlorobutadiene	11.373	225	92994	55.106	ng		99
35) Caprolactam	12.013	113	7898	10.843	ng		93
36) 4-Chloro-3-methylphenol	12.289	107	124062	54.345	ng		96
37) 2-Methylnaphthalene	12.677	142	220918	45.702	ng		99
38) 1-Methylnaphthalene	12.895	142	232934	48.676	ng		93
40) 1,2,4,5-Tetrachloroben...	13.042	216	184783	56.395	ng		99
41) Hexachlorocyclopentadiene	13.024	237	222759	151.043	ng		97
43) 2,4,6-Trichlorophenol	13.271	196	107743	57.487	ng		95

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064684.D
Acq On : 3 Nov 2025 22:46
Operator : RC/JU
Sample : Q3399-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Quant Time: Nov 04 00:48:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

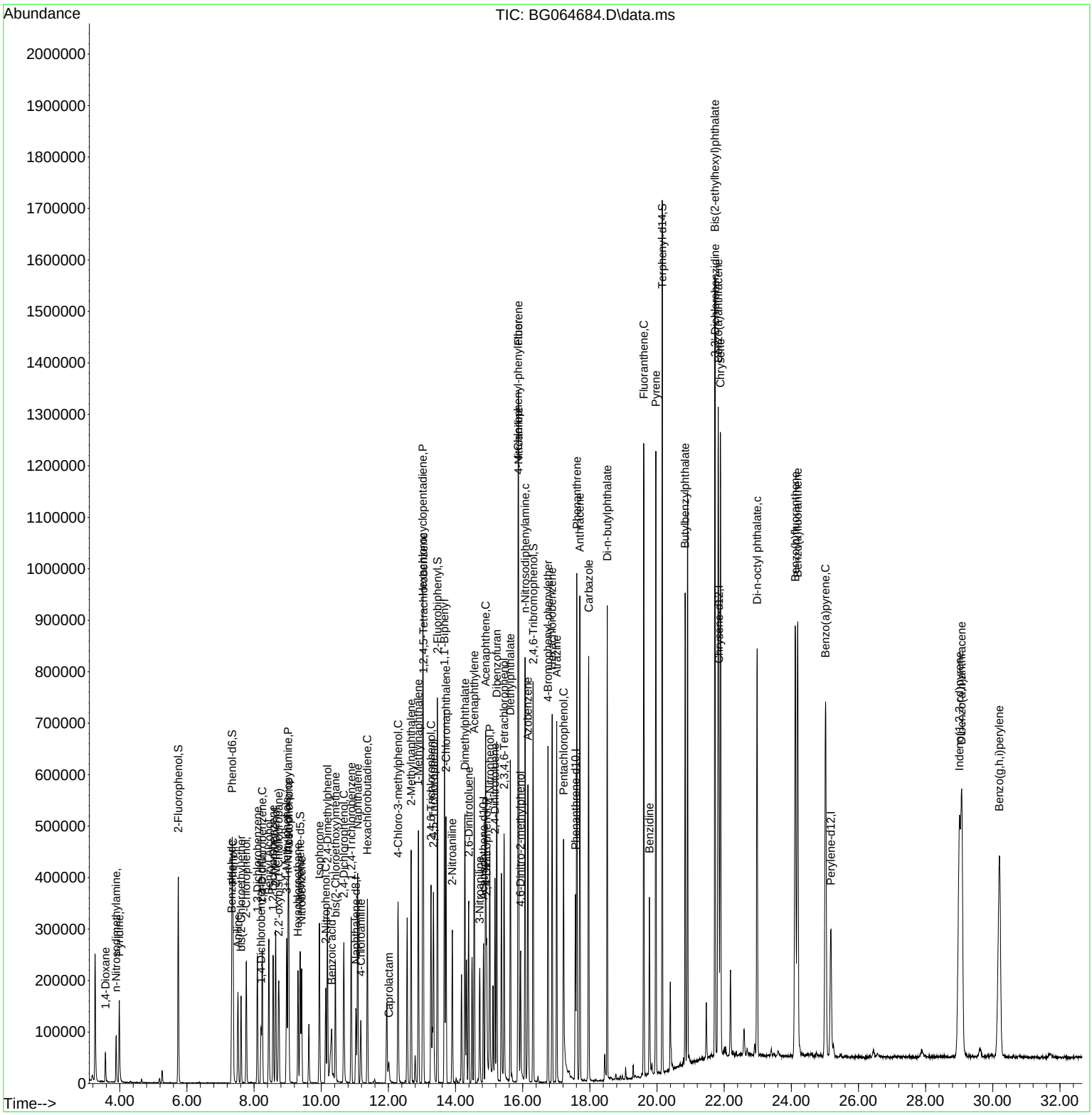
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.341	196	118709	54.886	ng		96
46) 1,1'-Biphenyl	13.670	154	372154	53.618	ng		96
47) 2-Chloronaphthalene	13.717	162	259250	49.483	ng		98
48) 2-Nitroaniline	13.905	65	93538	52.834	ng		96
49) Acenaphthylene	14.557	152	454638	55.015	ng		98
50) Dimethylphthalate	14.281	163	369114	49.408	ng		99
51) 2,6-Dinitrotoluene	14.393	165	74798	59.836	ng		93
52) Acenaphthene	14.898	154	305203	54.056	ng		99
53) 3-Nitroaniline	14.722	138	55166	42.968	ng		97
54) 2,4-Dinitrophenol	14.928	184	84070	108.975	ng	#	33
55) Dibenzofuran	15.227	168	444612	48.709	ng		96
56) 4-Nitrophenol	15.022	139	112764	94.733	ng		95
57) 2,4-Dinitrotoluene	15.174	165	108809	56.513	ng	#	99
58) Fluorene	15.874	166	351759	49.345	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.445	232	123058	59.500	ng		96
60) Diethylphthalate	15.633	149	360779	47.297	ng		100
61) 4-Chlorophenyl-phenyle...	15.862	204	205542	51.379	ng		98
62) 4-Nitroaniline	15.879	138	78871	55.219	ng		92
63) Azobenzene	16.156	77	346815	49.553	ng		97
65) 4,6-Dinitro-2-methylph...	15.938	198	70044	64.716	ng		97
66) n-Nitrosodiphenylamine	16.073	169	322527	50.141	ng		99
67) 4-Bromophenyl-phenylether	16.755	248	153261	54.311	ng		97
68) Hexachlorobenzene	16.878	284	178294	55.383	ng		96
69) Atrazine	17.013	200	147201	53.177	ng		96
70) Pentachlorophenol	17.219	266	142833	71.149	ng		96
71) Phenanthrene	17.613	178	639960	49.144	ng		99
72) Anthracene	17.701	178	649301	49.016	ng		100
73) Carbazole	17.965	167	574716	49.201	ng		99
74) Di-n-butylphthalate	18.517	149	641418	47.485	ng		99
75) Fluoranthene	19.604	202	803723	49.267	ng		98
77) Benzidine	19.775	184	244042	39.558	ng		98
78) Pyrene	19.969	202	839699	46.674	ng		100
80) Butylbenzylphthalate	20.838	149	290726	53.468	ng		96
81) Benzo(a)anthracene	21.825	228	903611	49.492	ng		99
82) 3,3'-Dichlorobenzidine	21.731	252	224568	36.833	ng		96
83) Chrysene	21.890	228	854597	49.192	ng		98
84) Bis(2-ethylhexyl)phtha...	21.725	149	412267	50.742	ng		99
85) Di-n-octyl phthalate	22.983	149	706328	51.563	ng		97
87) Indeno(1,2,3-cd)pyrene	29.011	276	1121993	50.272	ng	#	96
88) Benzo(b)fluoranthene	24.117	252	936337	50.330	ng		98
89) Benzo(k)fluoranthene	24.193	252	944899	50.755	ng		99
90) Benzo(a)pyrene	25.022	252	883881	51.686	ng		97
91) Dibenzo(a,h)anthracene	29.076	278	922930	50.900	ng		97
92) Benzo(g,h,i)perylene	30.198	276	895587	51.705	ng		98

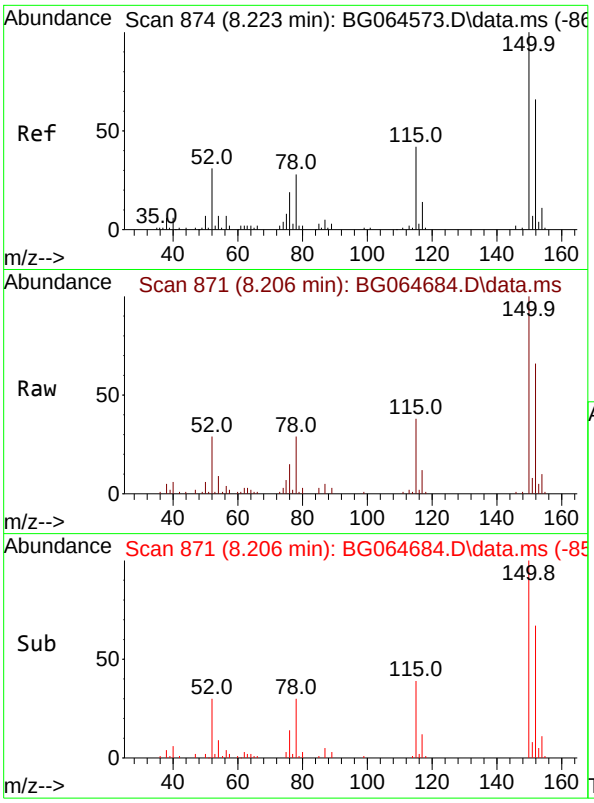
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064684.D
Acq On : 3 Nov 2025 22:46
Operator : RC/JU
Sample : Q3399-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Quant Time: Nov 04 00:48:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration



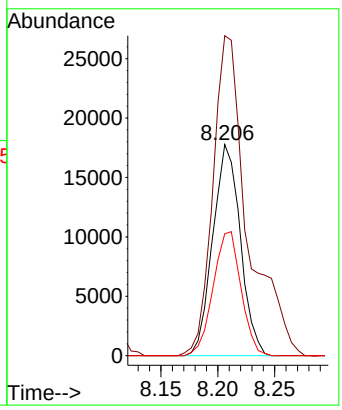


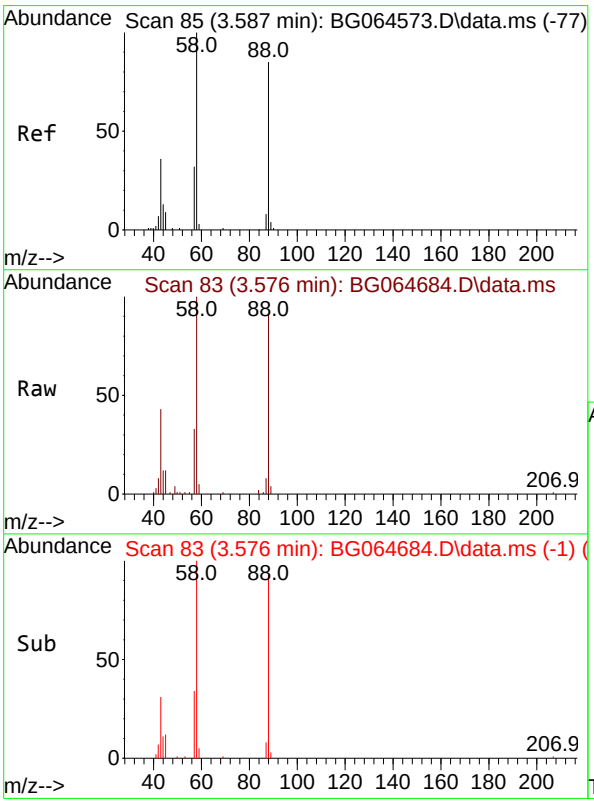
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.206 min Scan# 8
Delta R.T. -0.017 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Tgt Ion:152 Resp: 29939

Ion	Ratio	Lower	Upper
152	100		
150	151.5	122.2	183.4
115	57.7	50.8	76.2

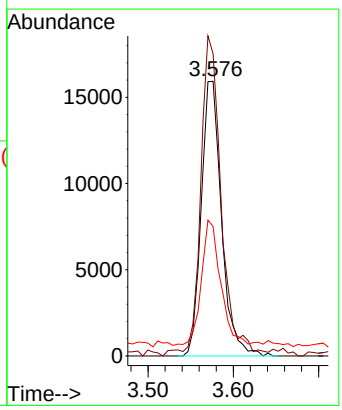


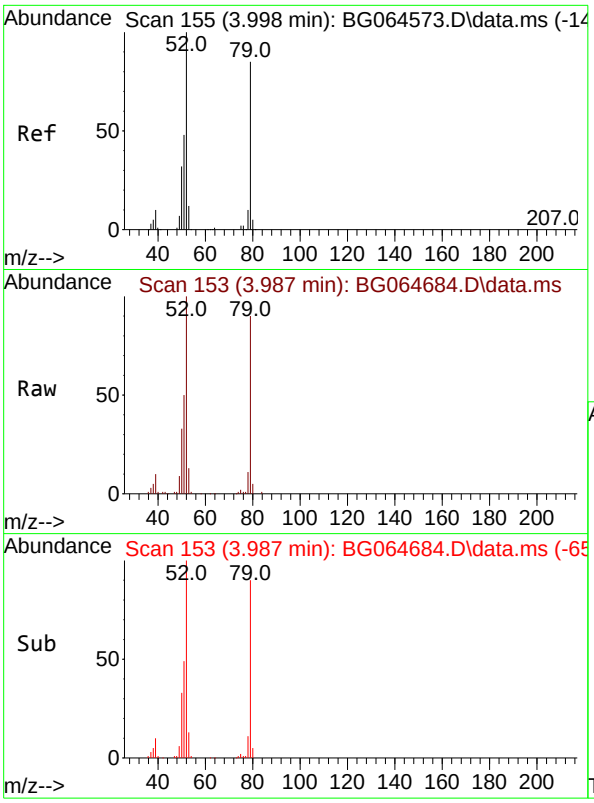


#2
1,4-Dioxane
Concen: 33.364 ng
RT: 3.576 min Scan# 83
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion: 88 Resp: 26347

Ion	Ratio	Lower	Upper
88	100		
58	118.3	92.4	138.6
43	42.4	33.0	49.6



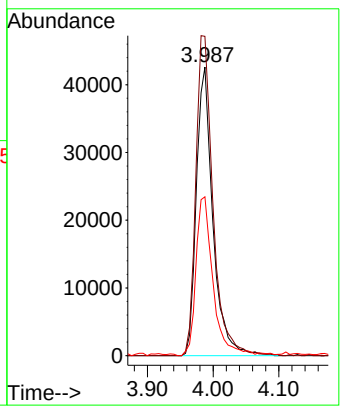


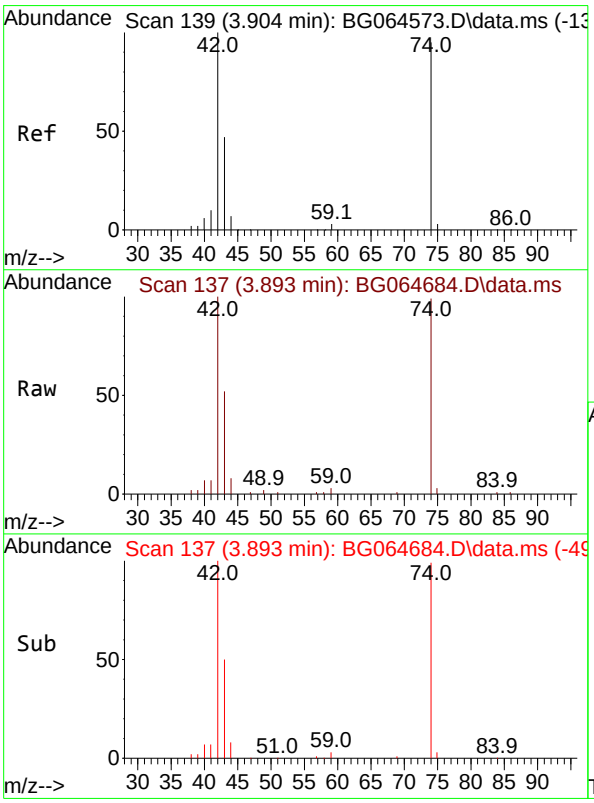
#3
Pyridine
Concen: 31.474 ng
RT: 3.987 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Tgt Ion: 79 Resp: 74639

Ion	Ratio	Lower	Upper
79	100		
52	110.6	94.2	141.2
51	55.0	46.1	69.1

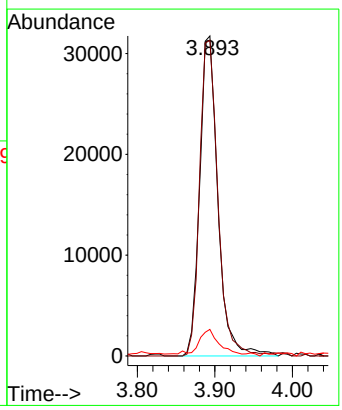


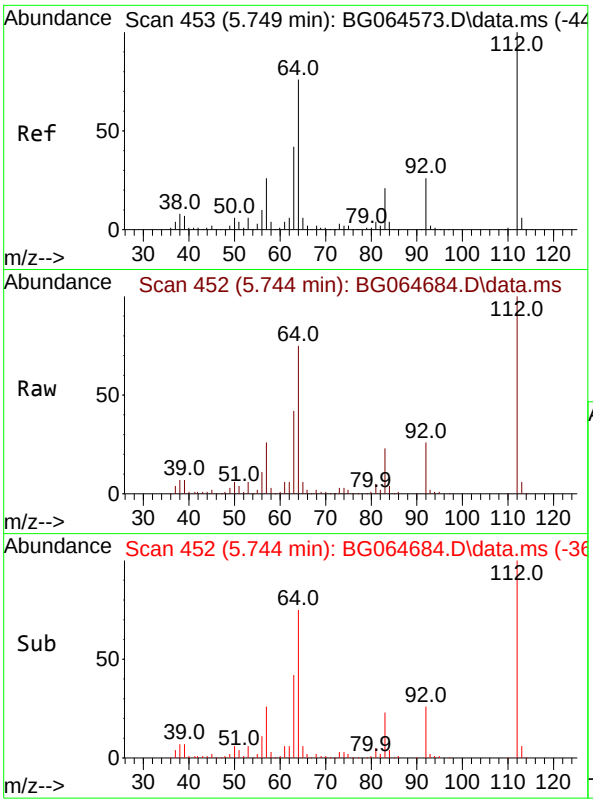


#4
n-Nitrosodimethylamine
Concen: 40.655 ng
RT: 3.893 min Scan# 137
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion: 42 Resp: 51702

Ion	Ratio	Lower	Upper
42	100		
74	98.6	76.1	114.1
44	8.3	6.3	9.5



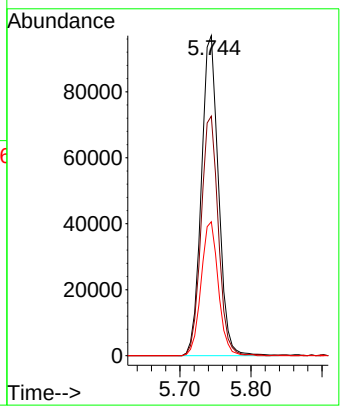


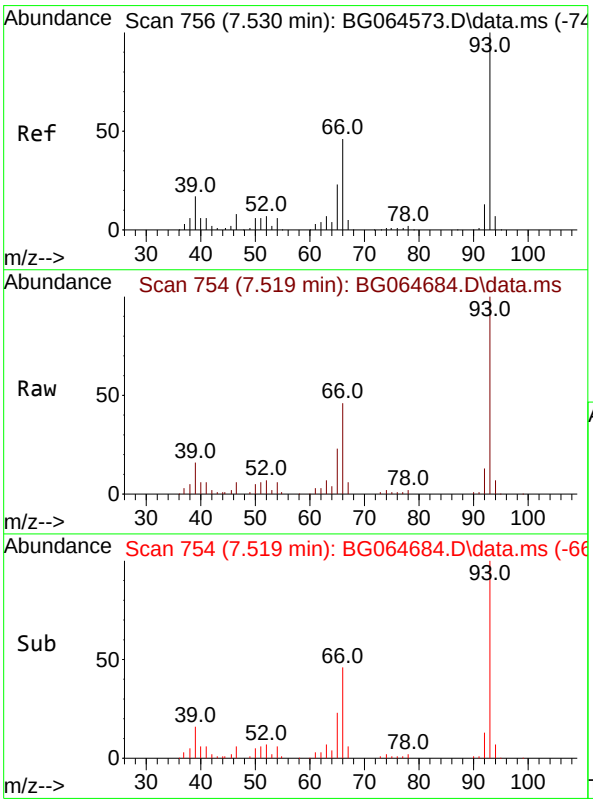
#5
2-Fluorophenol
Concen: 91.101 ng
RT: 5.744 min Scan# 4
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Tgt Ion:112 Resp: 162495

Ion	Ratio	Lower	Upper
112	100		
64	74.8	60.7	91.1
63	41.8	33.4	50.0

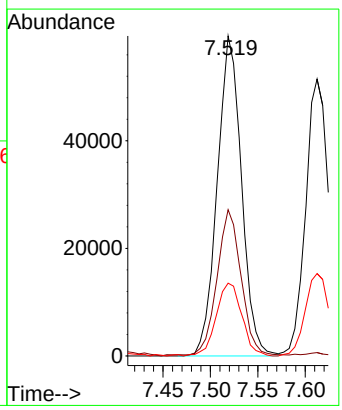


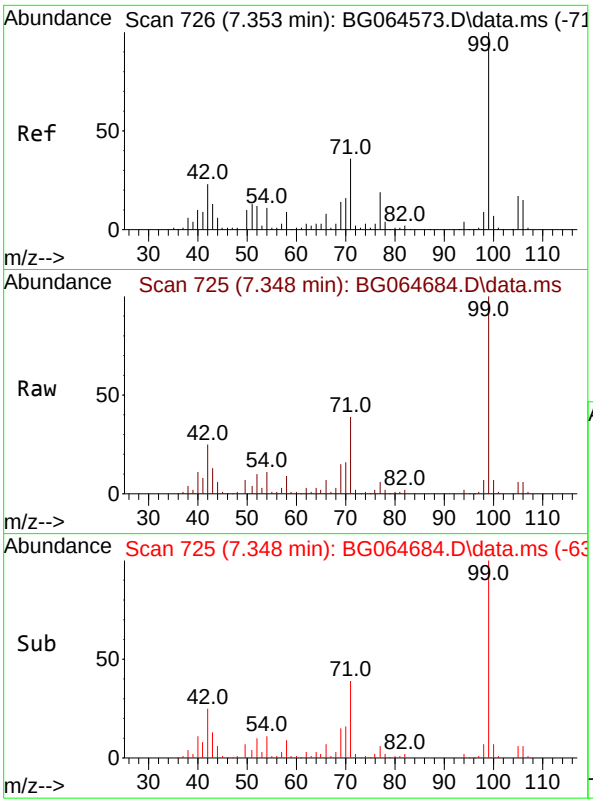


#6
Aniline
Concen: 31.771 ng
RT: 7.519 min Scan# 754
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion: 93 Resp: 105815

Ion	Ratio	Lower	Upper
93	100		
66	45.7	37.0	55.6
65	22.7	18.3	27.5



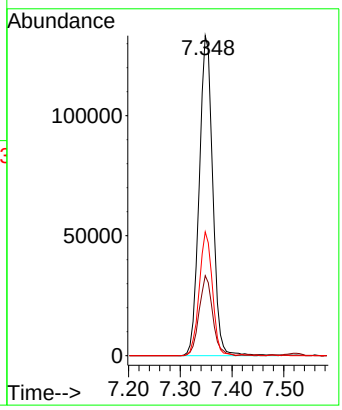


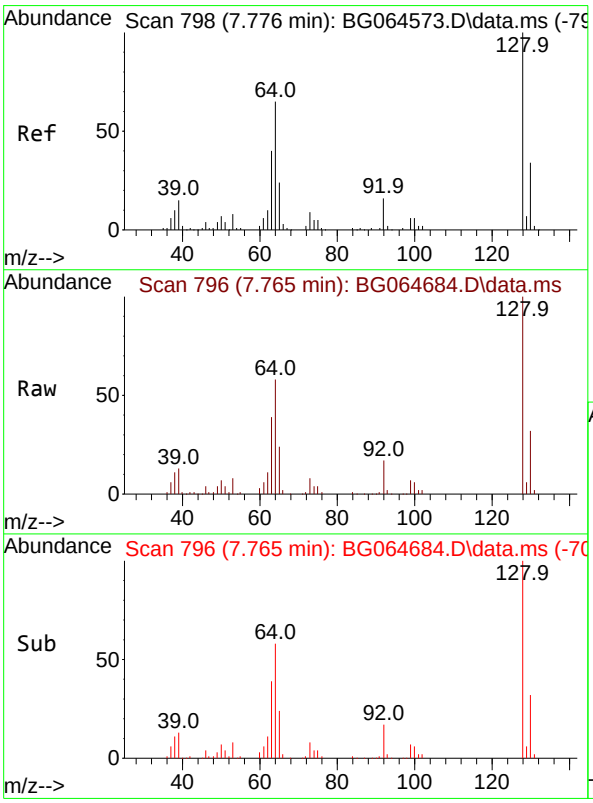
#7
Phenol-d6
Concen: 98.886 ng
RT: 7.348 min Scan# 7
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Tgt Ion: 99 Resp: 242031

Ion	Ratio	Lower	Upper
99	100		
42	25.0	18.3	27.5
71	38.7	28.6	43.0

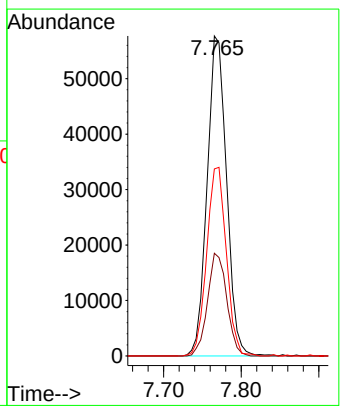


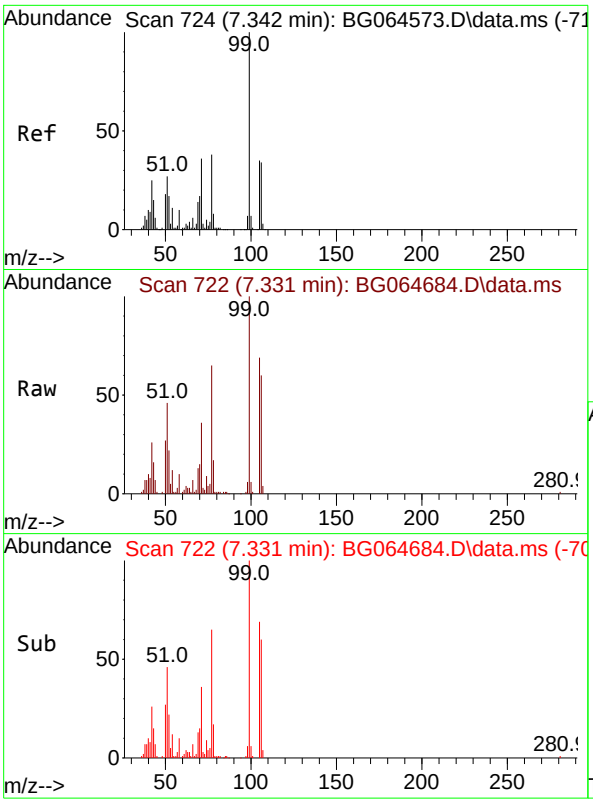


#8
2-Chlorophenol
Concen: 53.803 ng
RT: 7.765 min Scan# 796
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:128 Resp: 100448

Ion	Ratio	Lower	Upper
128	100		
130	32.1	13.5	53.5
64	58.4	45.2	85.2



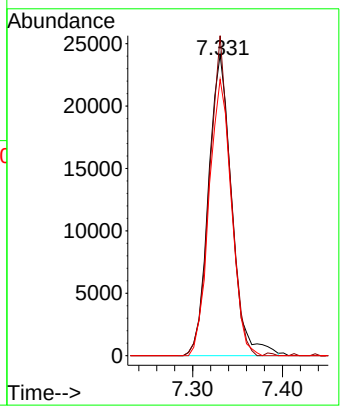


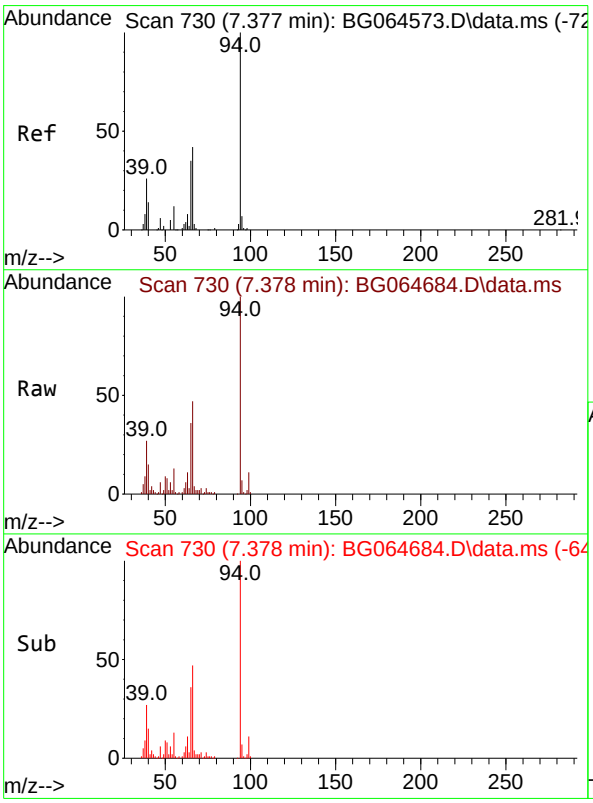
#9
Benzaldehyde
Concen: 32.287 ng
RT: 7.331 min Scan# 7
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Tgt Ion: 77 Resp: 43143

Ion	Ratio	Lower	Upper
77	100		
105	106.3	72.9	112.9
106	91.8	70.8	110.8

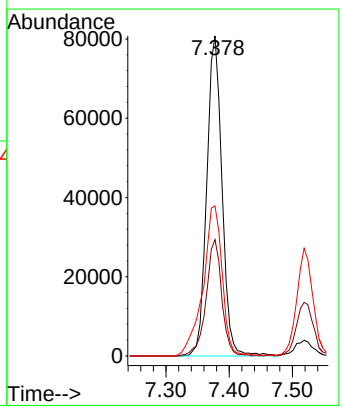


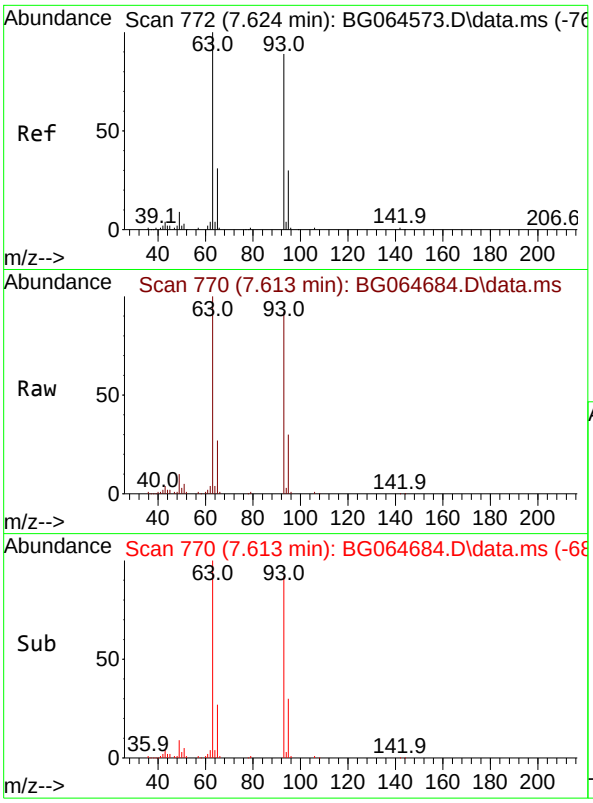


#10
Phenol
Concen: 49.910 ng
RT: 7.378 min Scan# 730
Delta R.T. 0.001 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion: 94 Resp: 135096

Ion	Ratio	Lower	Upper
94	100		
65	36.3	15.8	55.8
66	46.9	24.0	64.0



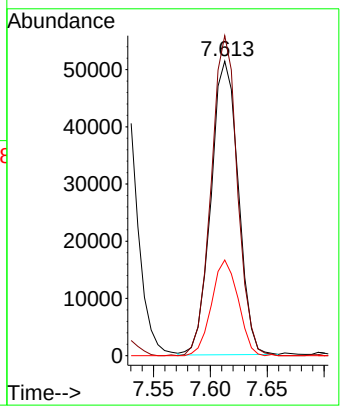


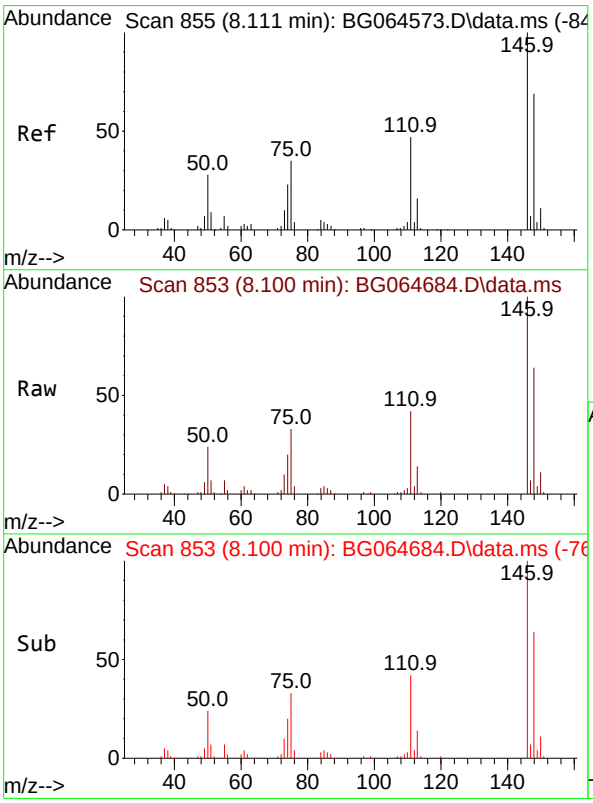
#11
bis(2-Chloroethyl)ether
Concen: 43.064 ng
RT: 7.613 min Scan# 7
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Tgt Ion: 93 Resp: 85702

Ion	Ratio	Lower	Upper
93	100		
63	108.6	91.3	131.3
95	32.5	13.3	53.3

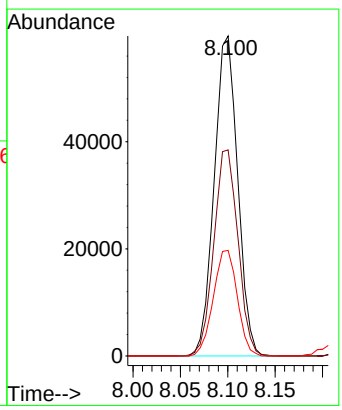


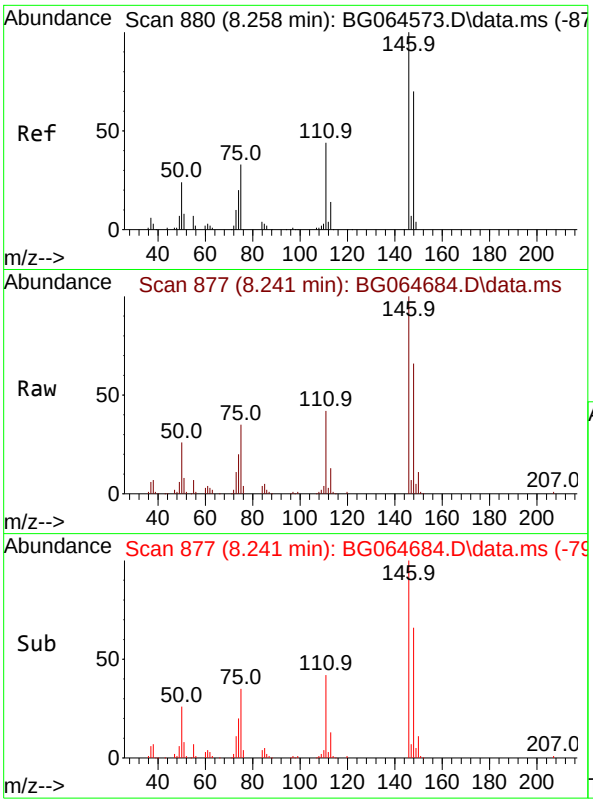


#12
1,3-Dichlorobenzene
Concen: 47.873 ng
RT: 8.100 min Scan# 853
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:146 Resp: 102870

Ion	Ratio	Lower	Upper
146	100		
148	64.4	55.3	82.9
75	33.0	28.2	42.2



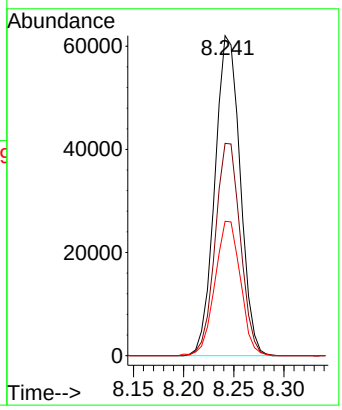


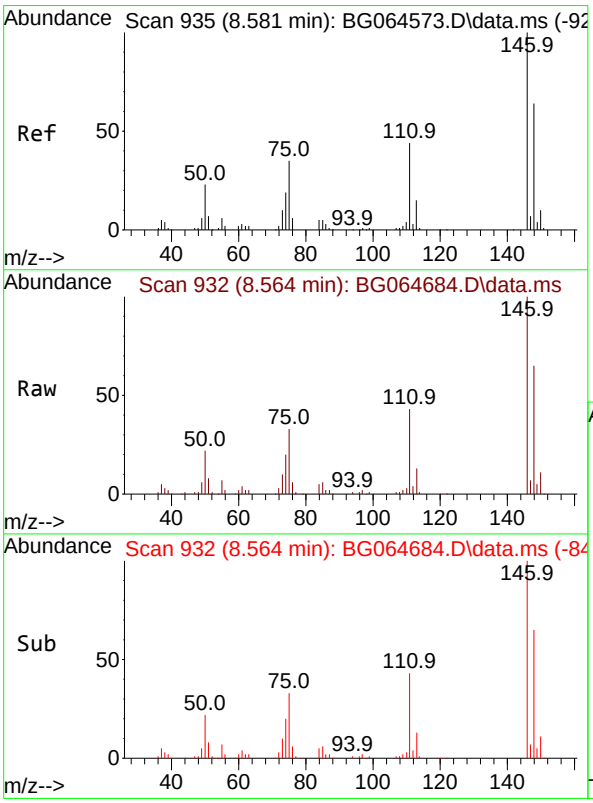
#13
1,4-Dichlorobenzene
Concen: 49.763 ng
RT: 8.241 min Scan# 8
Delta R.T. -0.017 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Tgt Ion:146 Resp: 108729

Ion	Ratio	Lower	Upper
146	100		
148	66.4	56.2	84.4
111	42.0	35.4	53.0

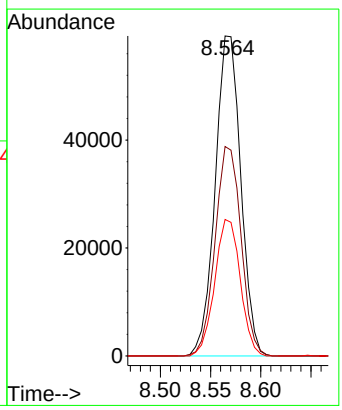


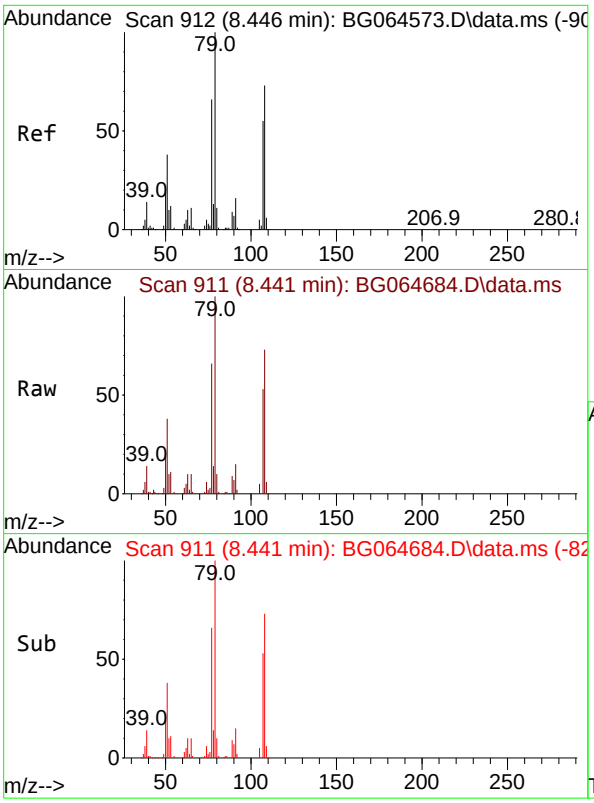


#14
1,2-Dichlorobenzene
Concen: 49.878 ng
RT: 8.564 min Scan# 932
Delta R.T. -0.017 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:146 Resp: 105114

Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.5	77.3
111	42.6	35.0	52.6



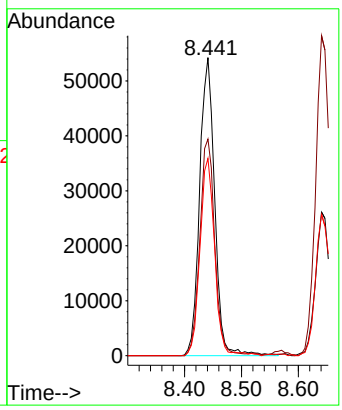


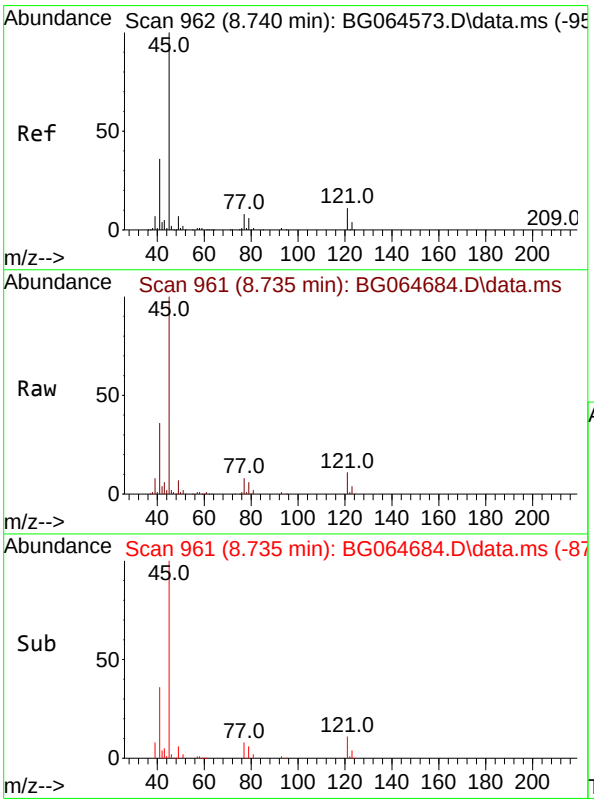
#15
Benzyl Alcohol
Concen: 49.420 ng
RT: 8.441 min Scan# 9
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Tgt Ion: 79 Resp: 99746

Ion	Ratio	Lower	Upper
79	100		
108	72.7	58.1	87.1
77	66.2	52.8	79.2

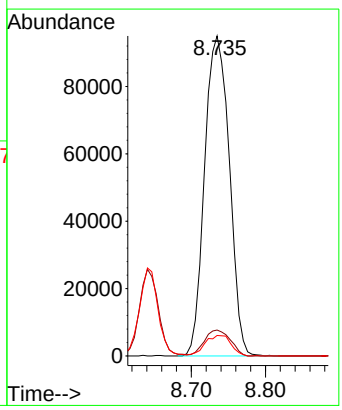


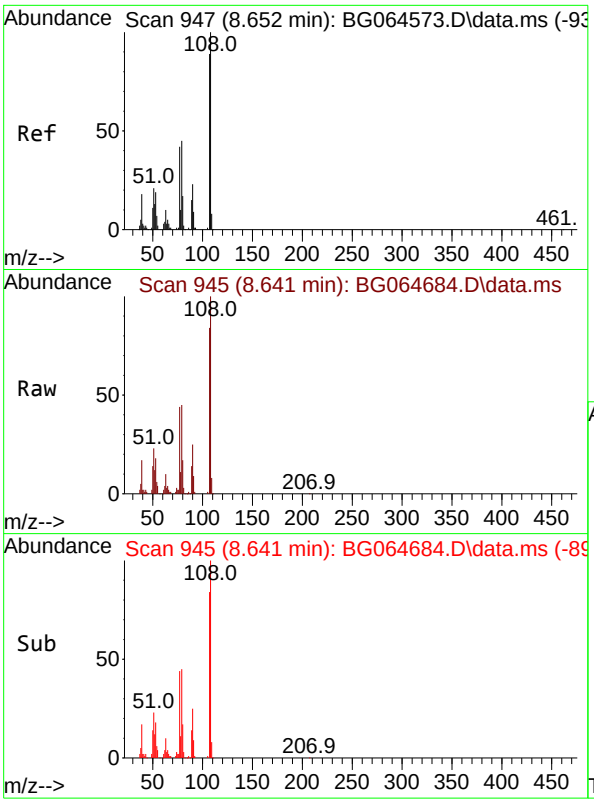


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.202 ng
RT: 8.735 min Scan# 961
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion: 45 Resp: 220307

Ion	Ratio	Lower	Upper
45	100		
77	8.1	0.0	28.5
79	6.4	0.0	25.6



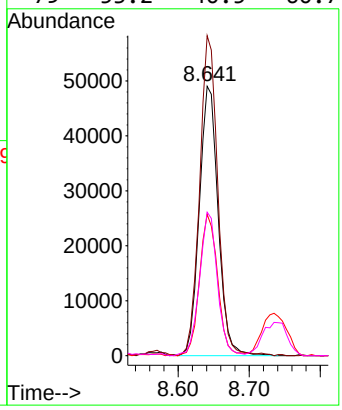


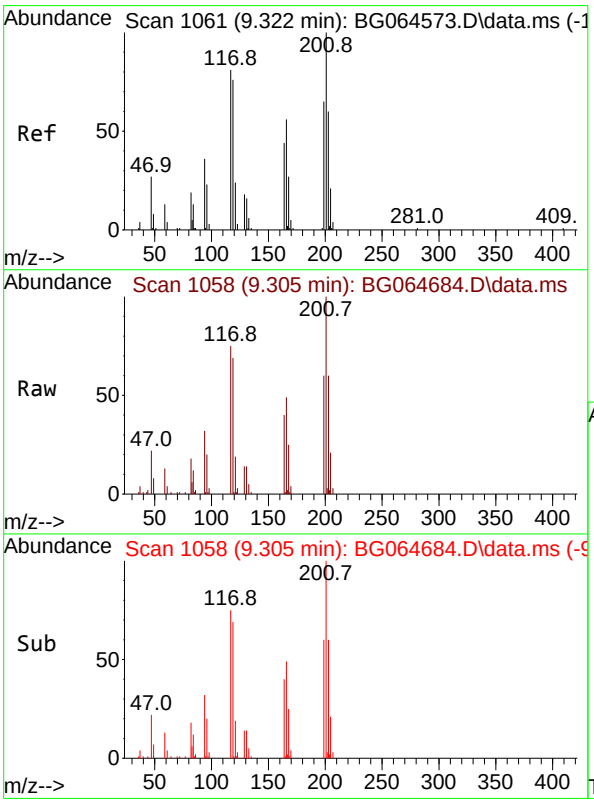
#17
2-Methylphenol
Concen: 50.299 ng
RT: 8.641 min Scan# 94
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Tgt Ion:107 Resp: 90396

Ion	Ratio	Lower	Upper
107	100		
108	118.8	90.0	135.0
77	52.5	37.8	56.8
79	53.2	40.5	60.7

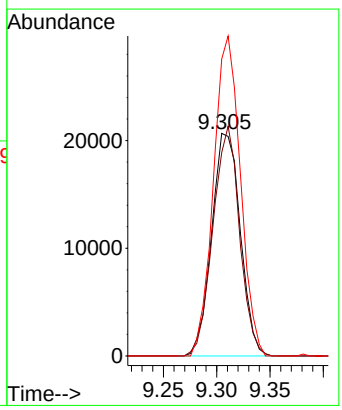


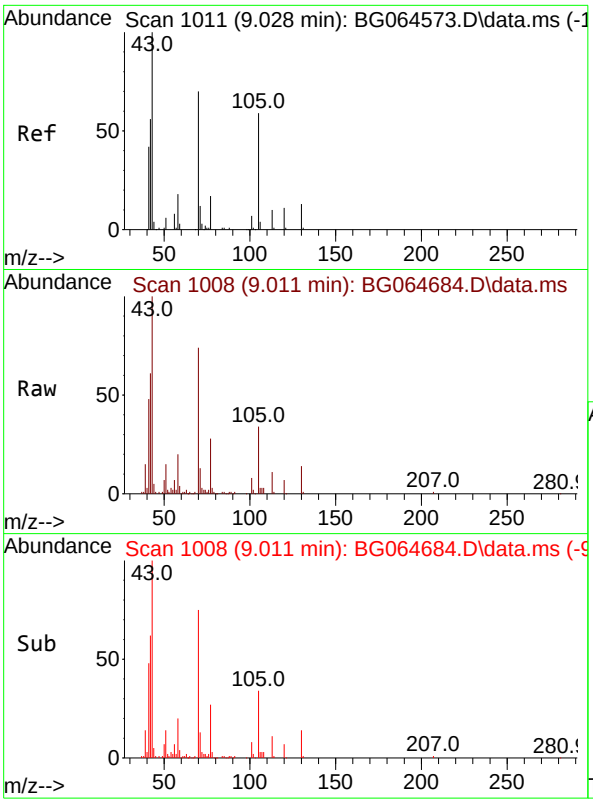


#18
Hexachloroethane
Concen: 50.296 ng
RT: 9.305 min Scan# 1058
Delta R.T. -0.017 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:117 Resp: 38564

Ion	Ratio	Lower	Upper
117	100		
119	92.7	75.4	113.2
201	137.8	99.2	148.8



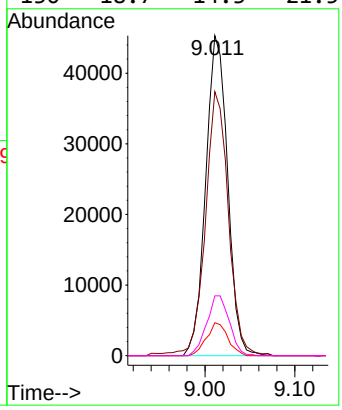


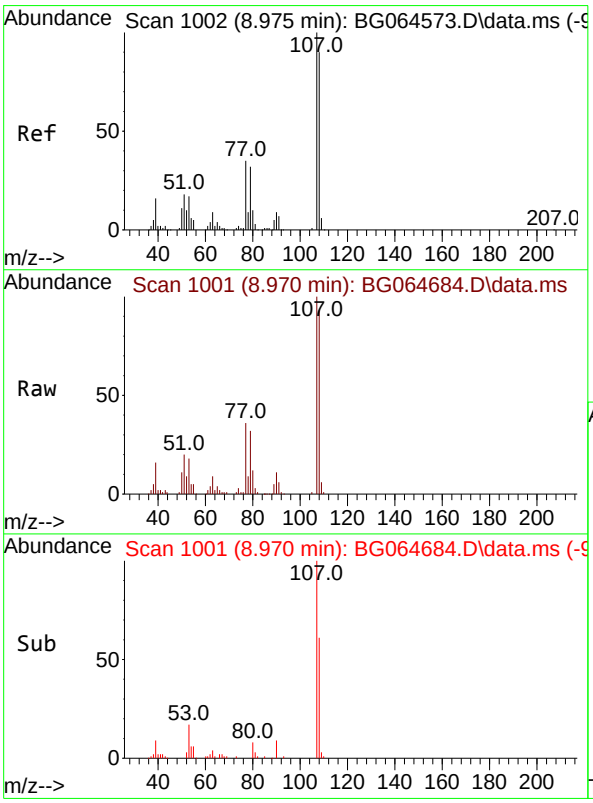
#19
n-Nitroso-di-n-propylamine
Concen: 45.505 ng
RT: 9.011 min Scan# 1
Delta R.T. -0.017 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Tgt Ion: 70 Resp: 76973

Ion	Ratio	Lower	Upper
70	100		
42	82.5	65.2	97.8
101	10.3	7.9	11.9
130	18.7	14.3	21.5

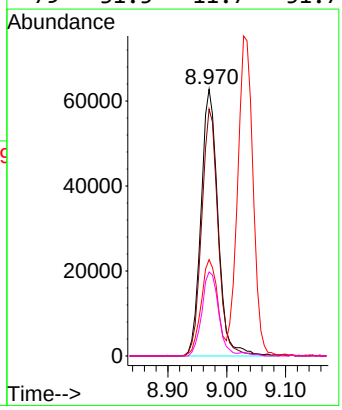


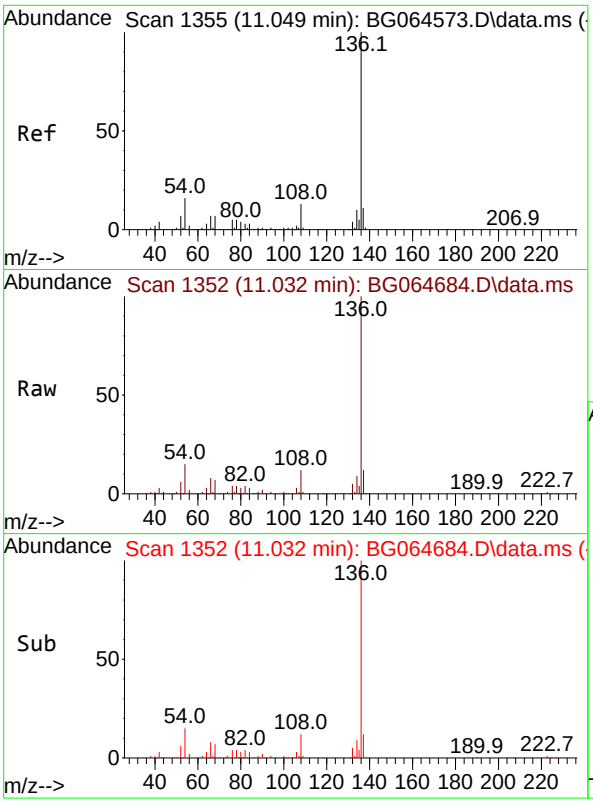


#20
3+4-Methylphenols
Concen: 49.745 ng
RT: 8.970 min Scan# 1001
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:107 Resp: 125725

Ion	Ratio	Lower	Upper
107	100		
108	92.6	70.3	110.3
77	36.1	14.6	54.6
79	31.5	11.7	51.7



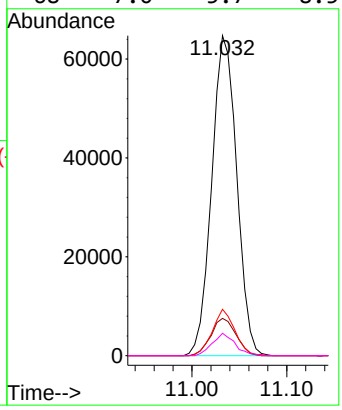


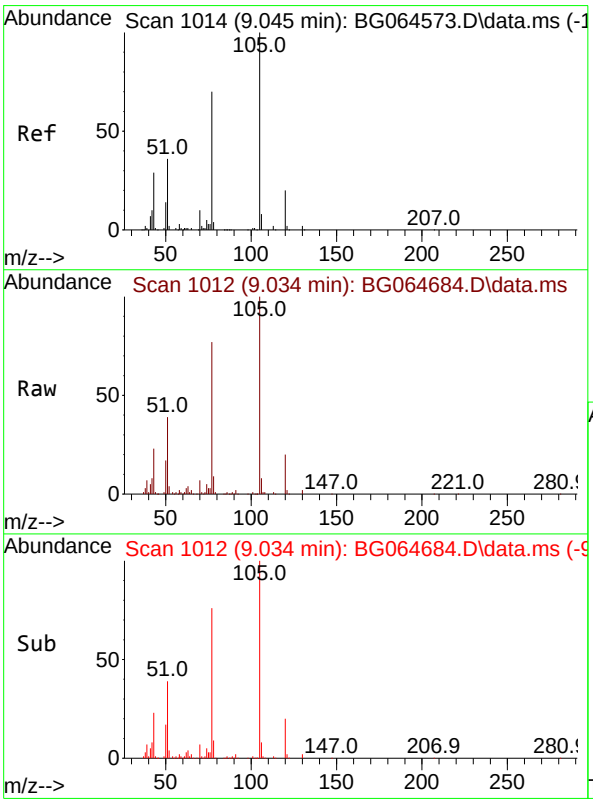
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.032 min Scan# 1
Delta R.T. -0.017 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Tgt Ion:136 Resp: 118752

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	14.5	12.6	19.0
68	7.0	5.7	8.5

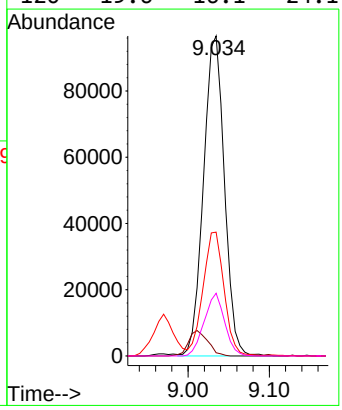


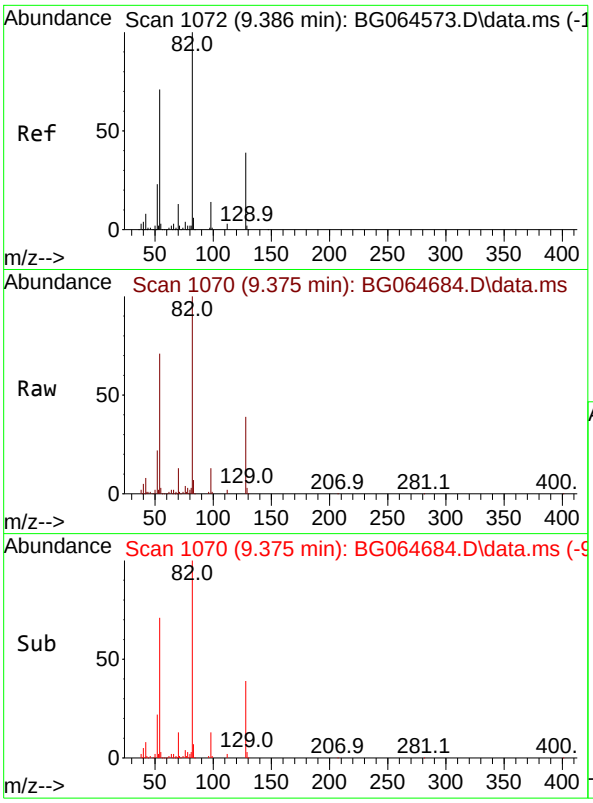


#22
Acetophenone
Concen: 53.272 ng
RT: 9.034 min Scan# 1012
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:105 Resp: 172932

Ion	Ratio	Lower	Upper
105	100		
71	1.0	1.5	2.3#
51	38.7	33.7	50.5
120	19.6	16.1	24.1



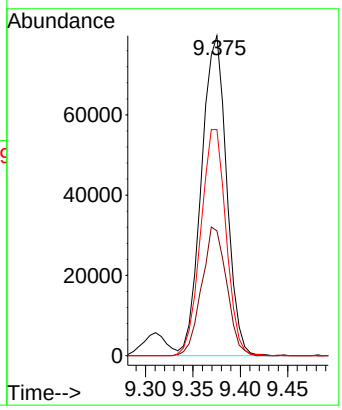


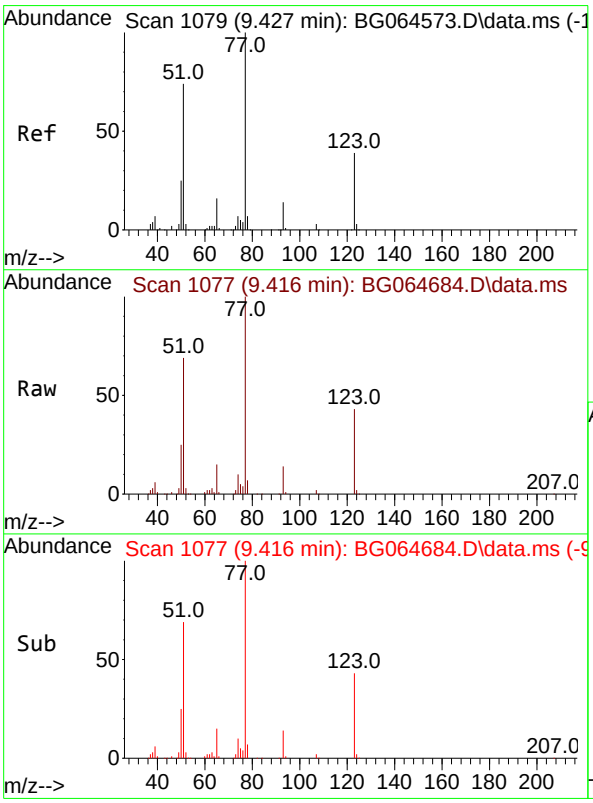
#23
Nitrobenzene-d5
Concen: 74.085 ng
RT: 9.375 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Tgt Ion: 82 Resp: 146476

Ion	Ratio	Lower	Upper
82	100		
128	39.0	31.3	46.9
54	70.7	56.6	84.8

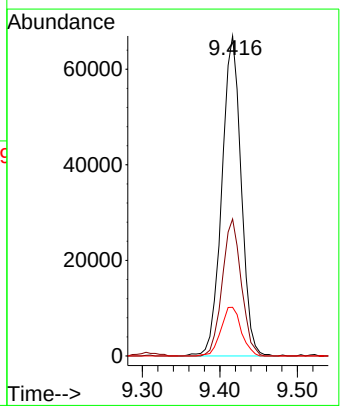


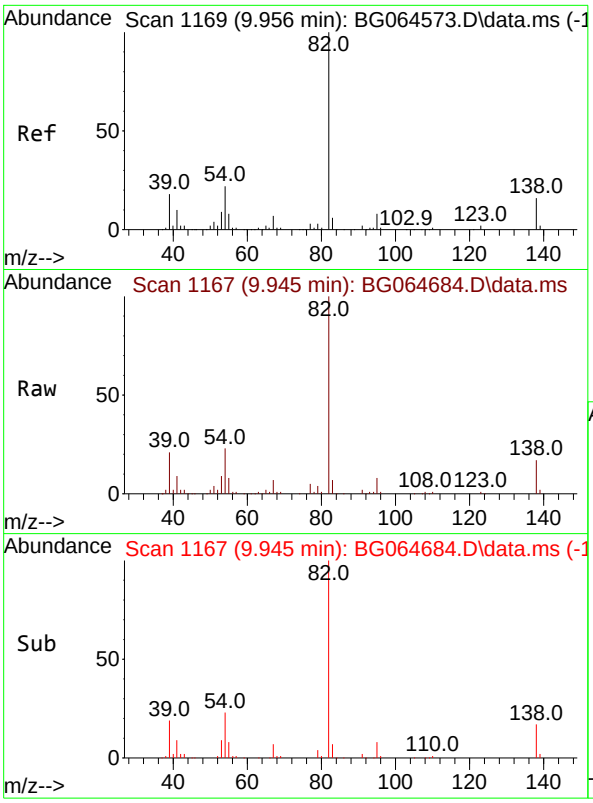


#24
Nitrobenzene
Concen: 53.864 ng
RT: 9.416 min Scan# 1077
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion: 77 Resp: 115831

Ion	Ratio	Lower	Upper
77	100		
123	42.8	31.0	46.6
65	15.2	12.7	19.1



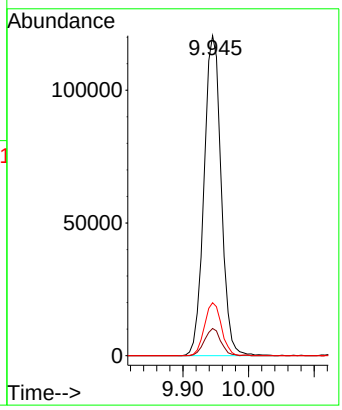


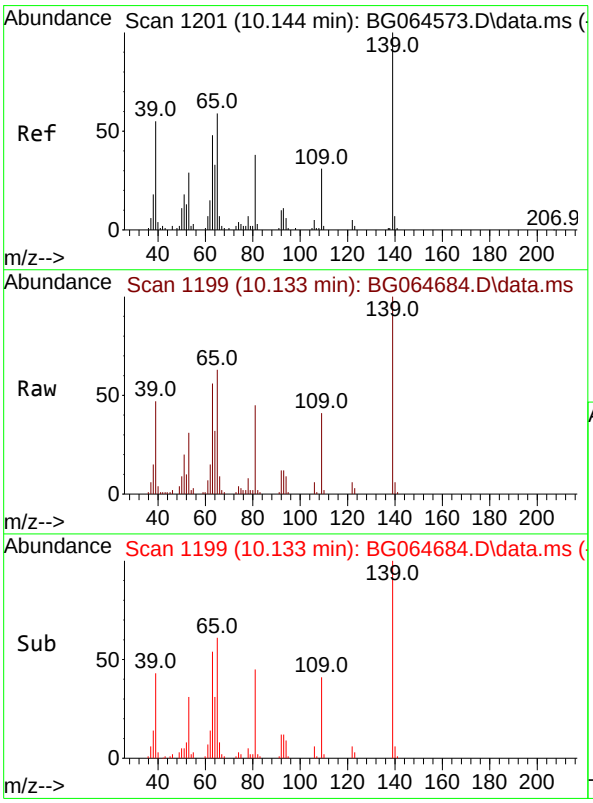
#25
Isophorone
Concen: 46.096 ng
RT: 9.945 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Tgt Ion: 82 Resp: 218689

Ion	Ratio	Lower	Upper
82	100		
95	8.5	6.1	9.1
138	16.6	13.0	19.4

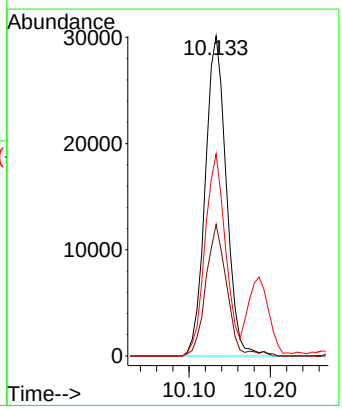


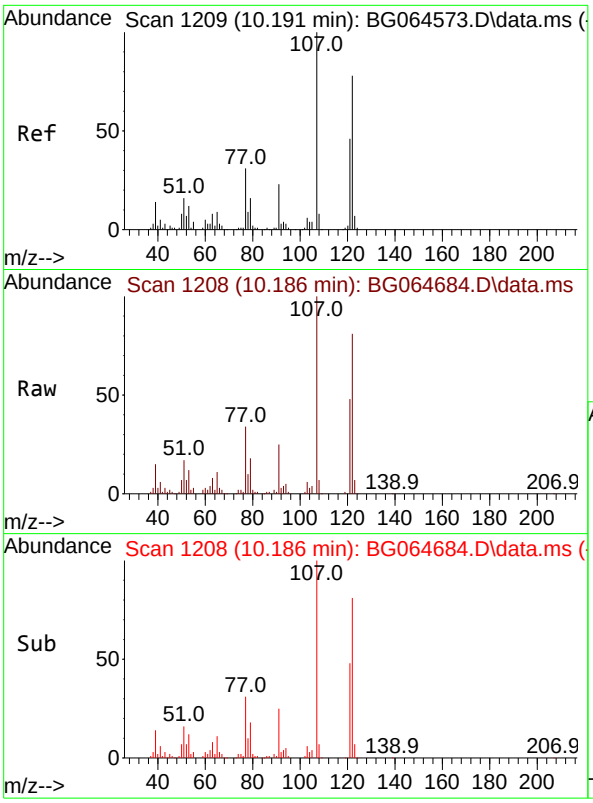


#26
2-Nitrophenol
Concen: 64.182 ng
RT: 10.133 min Scan# 1199
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:139 Resp: 54190

Ion	Ratio	Lower	Upper
139	100		
109	41.1	24.6	37.0#
65	63.2	47.5	71.3



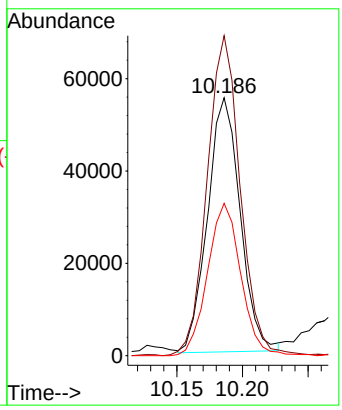


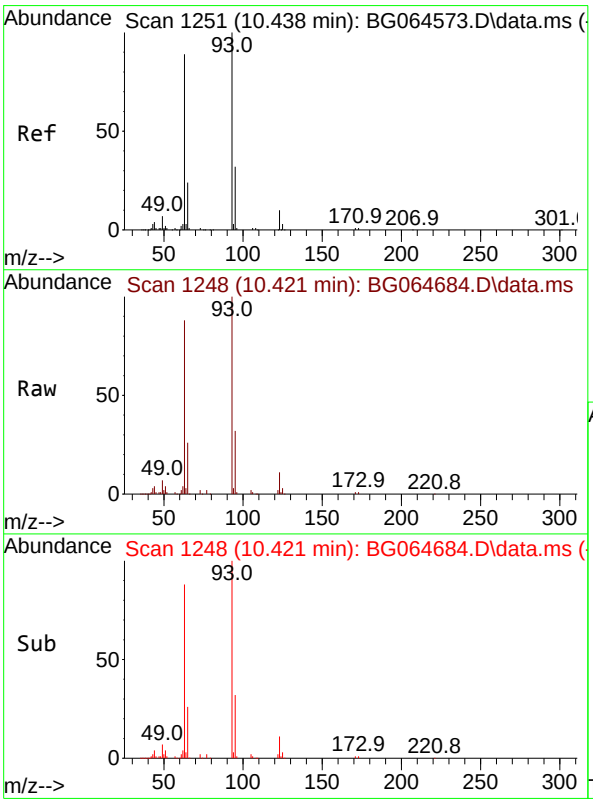
#27
2,4-Dimethylphenol
Concen: 54.028 ng
RT: 10.186 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Tgt Ion:122 Resp: 95345

Ion	Ratio	Lower	Upper
122	100		
107	124.1	103.0	154.4
121	59.0	47.8	71.8

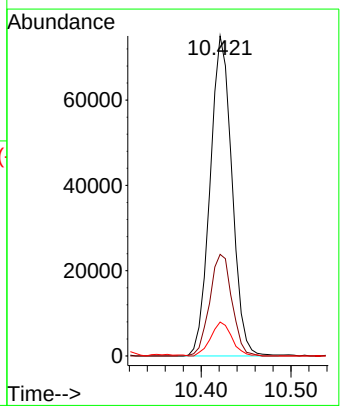


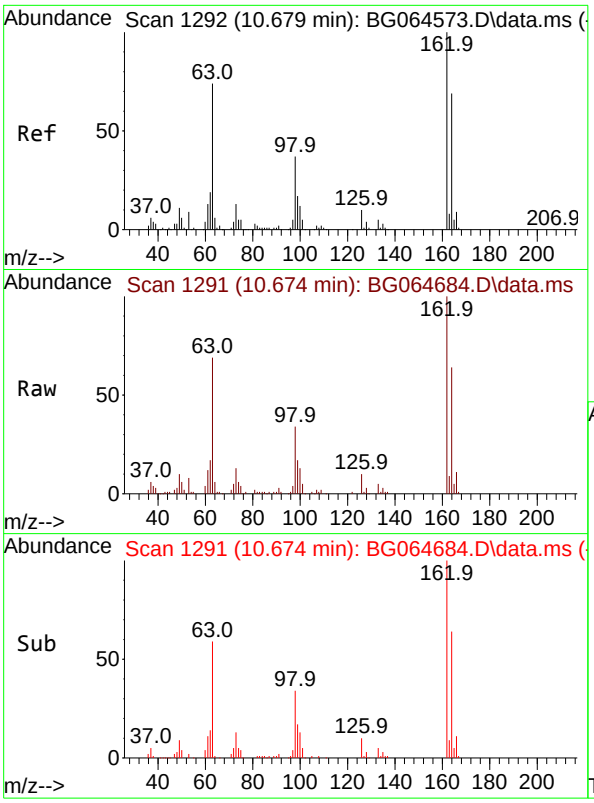


#28
bis(2-Chloroethoxy)methane
Concen: 46.969 ng
RT: 10.421 min Scan# 1248
Delta R.T. -0.017 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion: 93 Resp: 126872

Ion	Ratio	Lower	Upper
93	100		
95	31.7	25.4	38.2
123	10.6	8.4	12.6



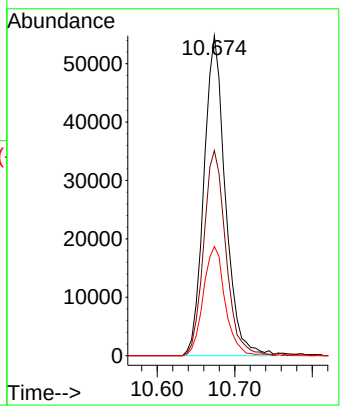


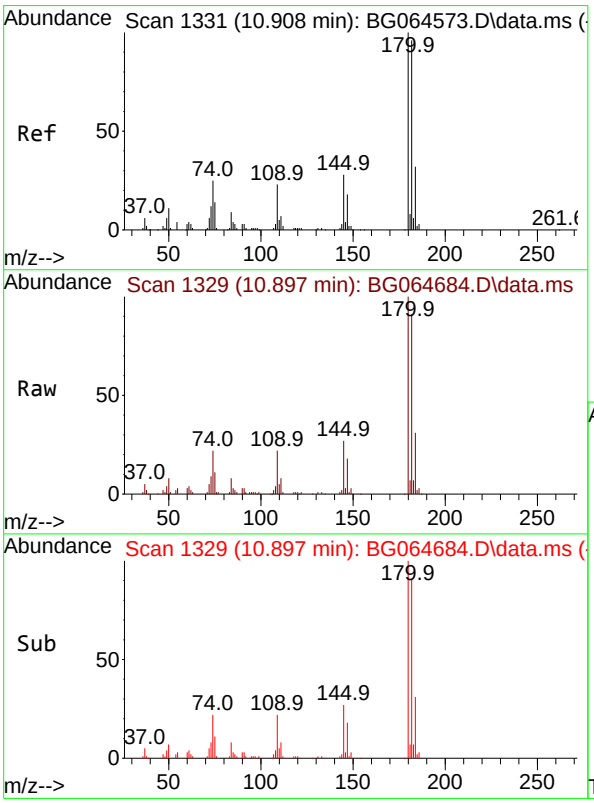
#29
2,4-Dichlorophenol
Concen: 55.529 ng
RT: 10.674 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Tgt Ion:162 Resp: 105460

Ion	Ratio	Lower	Upper
162	100		
164	64.1	48.7	88.7
98	34.1	16.9	56.9

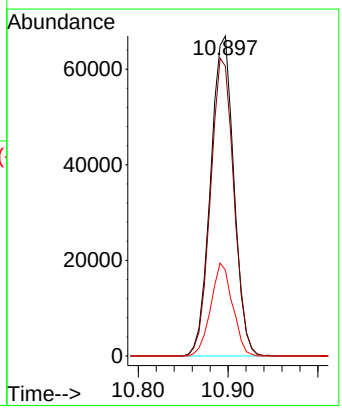


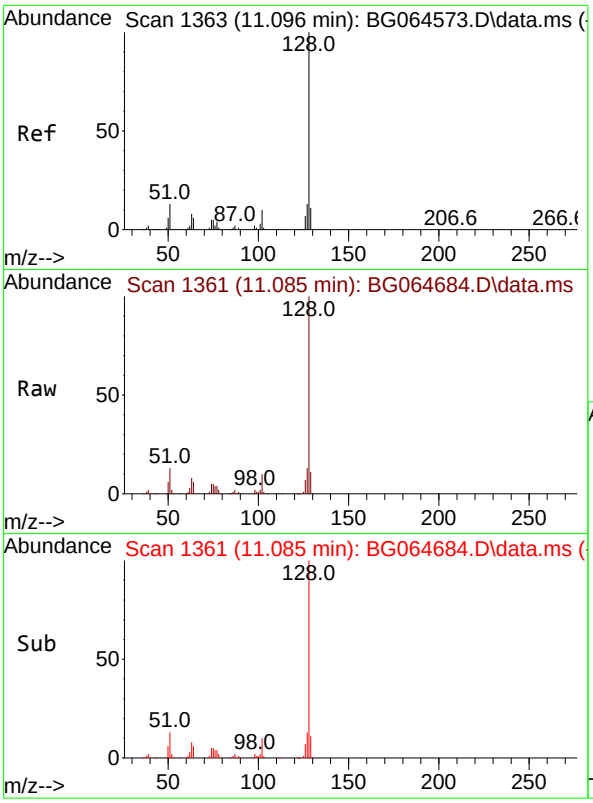


#30
1,2,4-Trichlorobenzene
Concen: 55.764 ng
RT: 10.897 min Scan# 1329
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:180 Resp: 120331

Ion	Ratio	Lower	Upper
180	100		
182	90.6	76.9	115.3
145	26.8	22.1	33.1



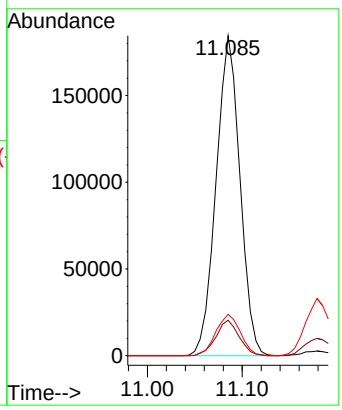


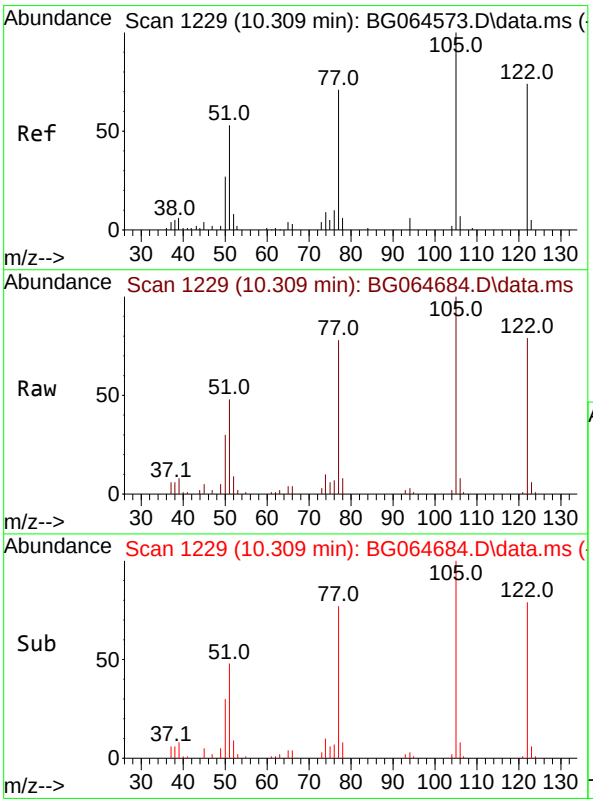
#31
Naphthalene
Concen: 48.977 ng
RT: 11.085 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Tgt Ion:128 Resp: 322463

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	12.9	10.6	15.8

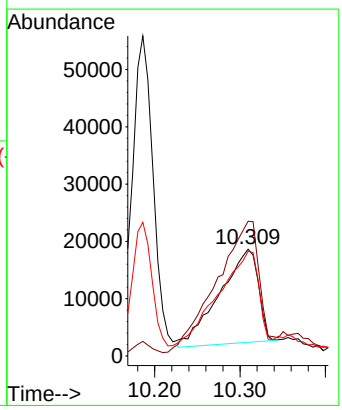


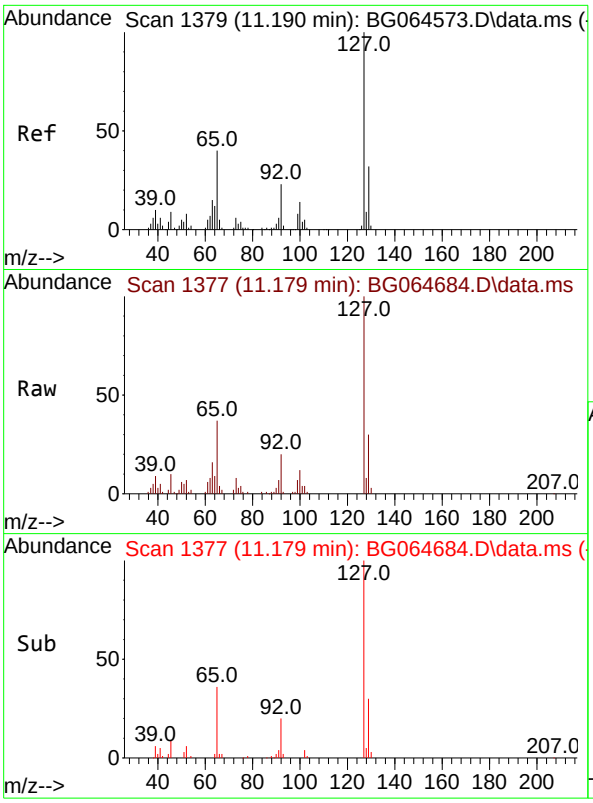


#32
Benzoic acid
Concen: 39.619 ng
RT: 10.309 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:122 Resp: 51617

Ion	Ratio	Lower	Upper
122	100		
105	126.4	104.2	144.2
77	98.1	70.2	110.2



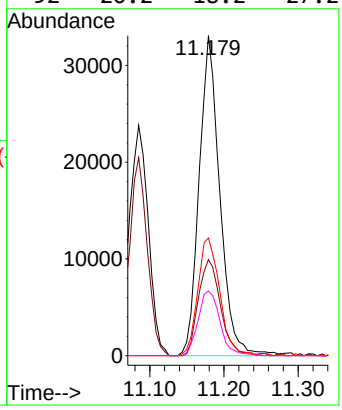


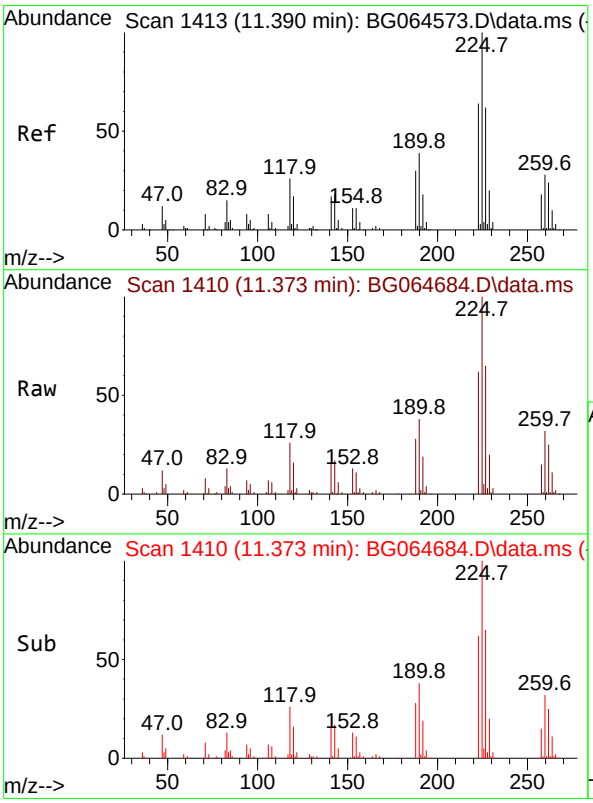
#33
4-Chloroaniline
Concen: 25.031 ng
RT: 11.179 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Tgt Ion:127 Resp: 64055

Ion	Ratio	Lower	Upper
127	100		
129	30.0	25.5	38.3
65	36.8	32.2	48.4
92	20.2	18.2	27.2

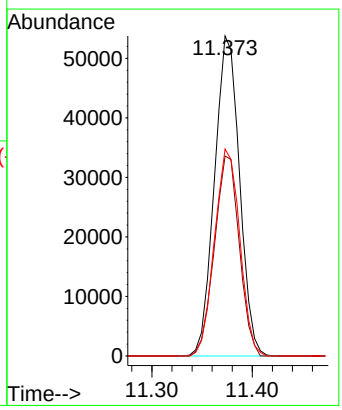


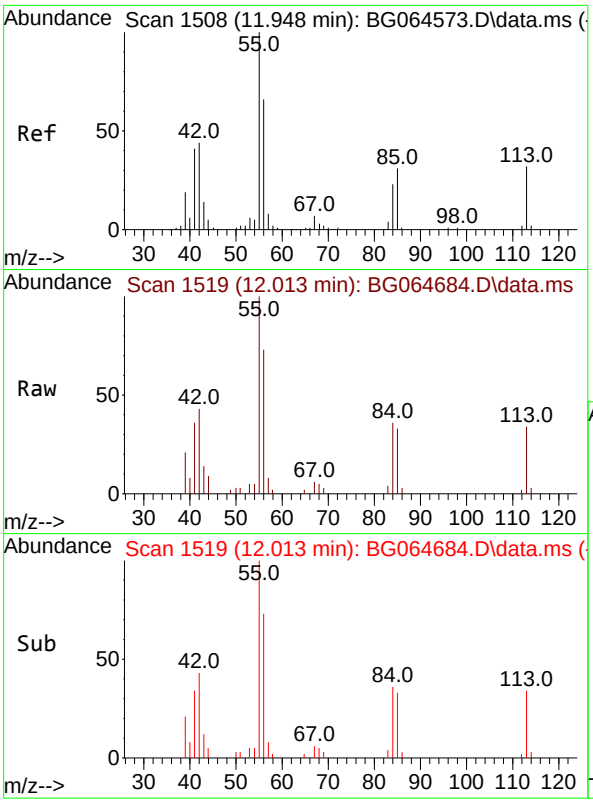


#34
Hexachlorobutadiene
Concen: 55.106 ng
RT: 11.373 min Scan# 1410
Delta R.T. -0.017 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:225 Resp: 92994

Ion	Ratio	Lower	Upper
225	100		
223	59.4	48.8	73.2
227	61.4	49.5	74.3



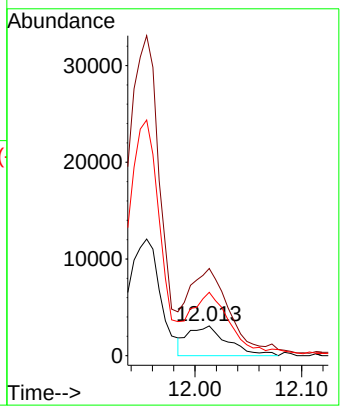


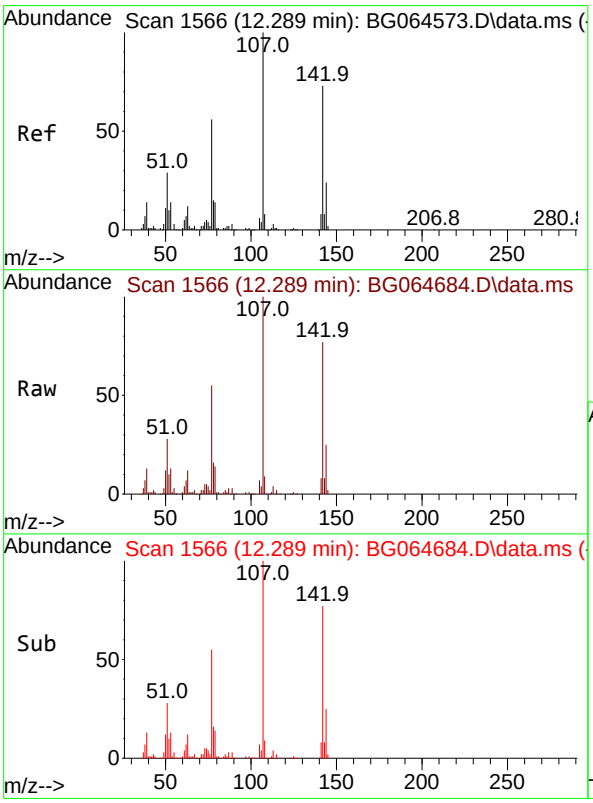
#35
Caprolactam
Concen: 10.843 ng
RT: 12.013 min Scan# 1
Delta R.T. 0.065 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Tgt Ion:113 Resp: 7898

Ion	Ratio	Lower	Upper
113	100		
55	293.9	290.1	330.1
56	213.2	183.8	223.8

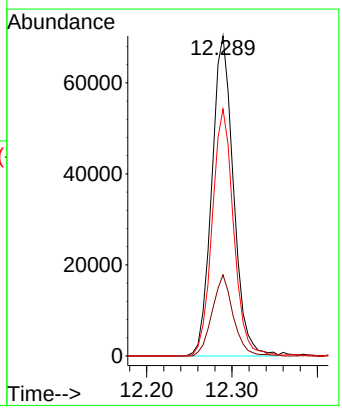


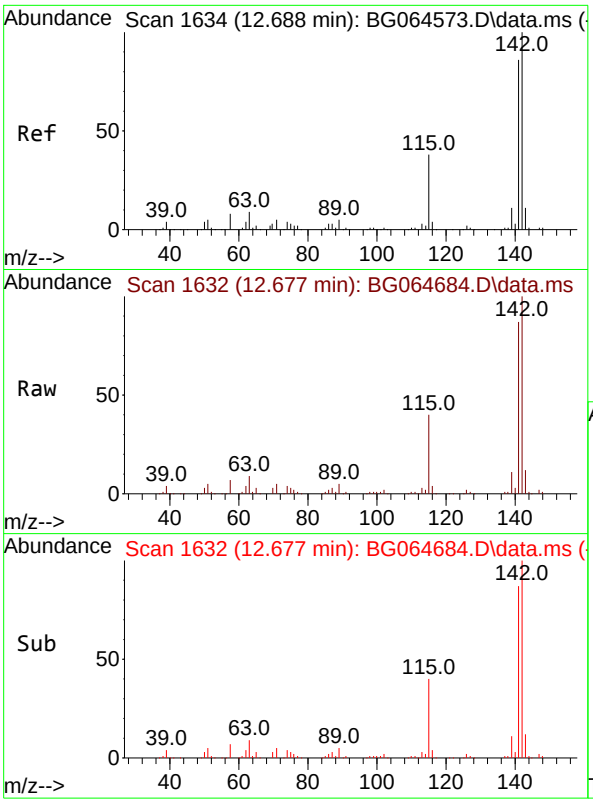


#36
4-Chloro-3-methylphenol
Concen: 54.345 ng
RT: 12.289 min Scan# 1566
Delta R.T. 0.001 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:107 Resp: 124062

Ion	Ratio	Lower	Upper
107	100		
144	25.4	19.1	28.7
142	77.1	58.6	87.8



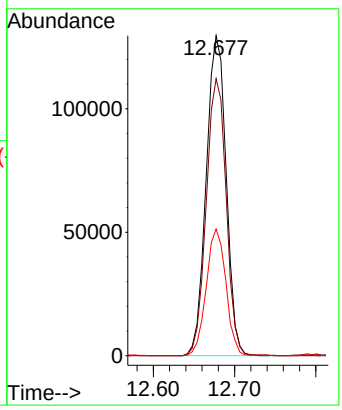


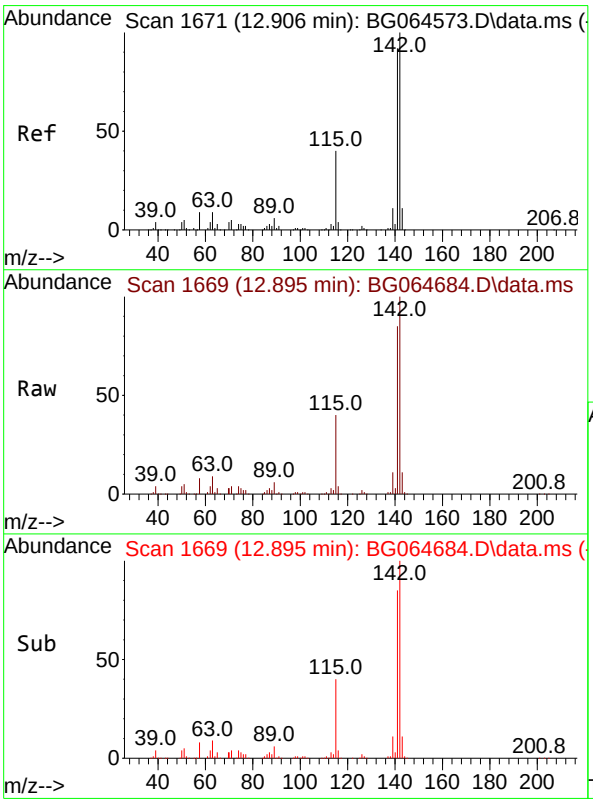
#37
2-Methylnaphthalene
Concen: 45.702 ng
RT: 12.677 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Tgt Ion:142 Resp: 220918

Ion	Ratio	Lower	Upper
142	100		
141	86.6	68.9	103.3
115	39.6	30.6	46.0

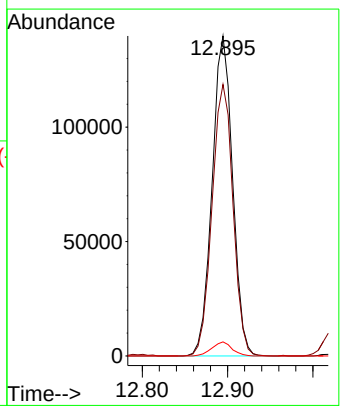


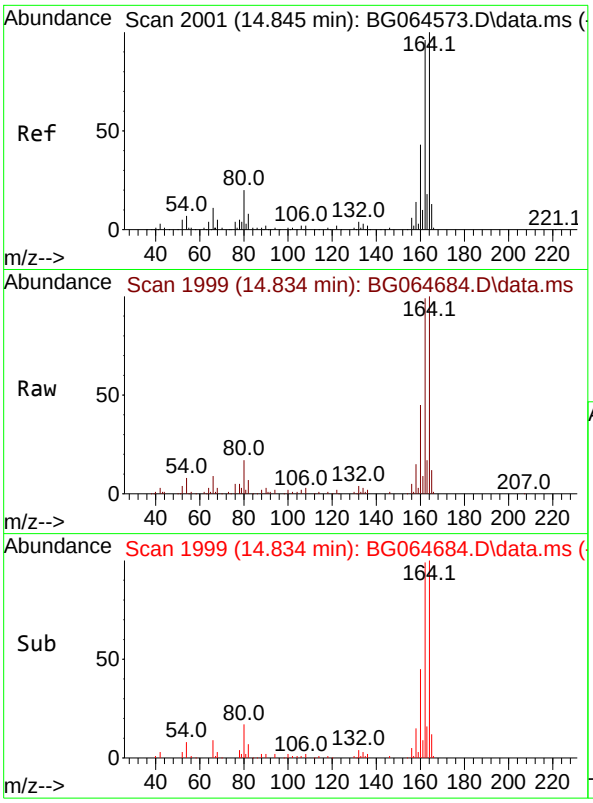


#38
1-Methylnaphthalene
Concen: 48.676 ng
RT: 12.895 min Scan# 1669
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:142 Resp: 232934

Ion	Ratio	Lower	Upper
142	100		
141	84.8	73.3	109.9
116	4.4	3.1	4.7



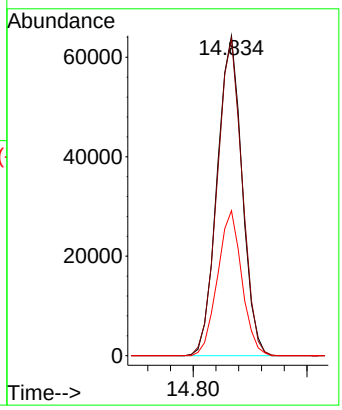


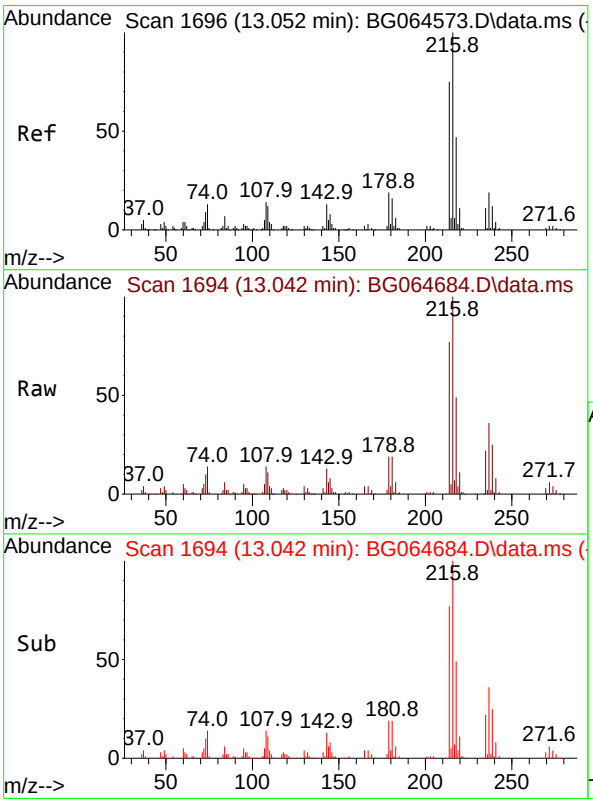
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.834 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Tgt Ion:164 Resp: 97631

Ion	Ratio	Lower	Upper
164	100		
162	99.2	77.0	115.6
160	45.3	34.4	51.6

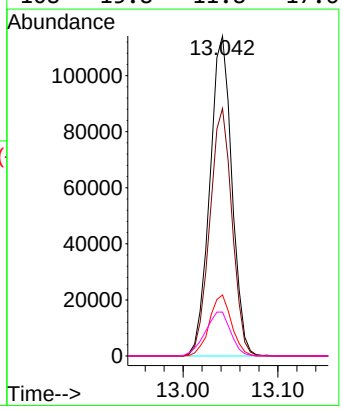


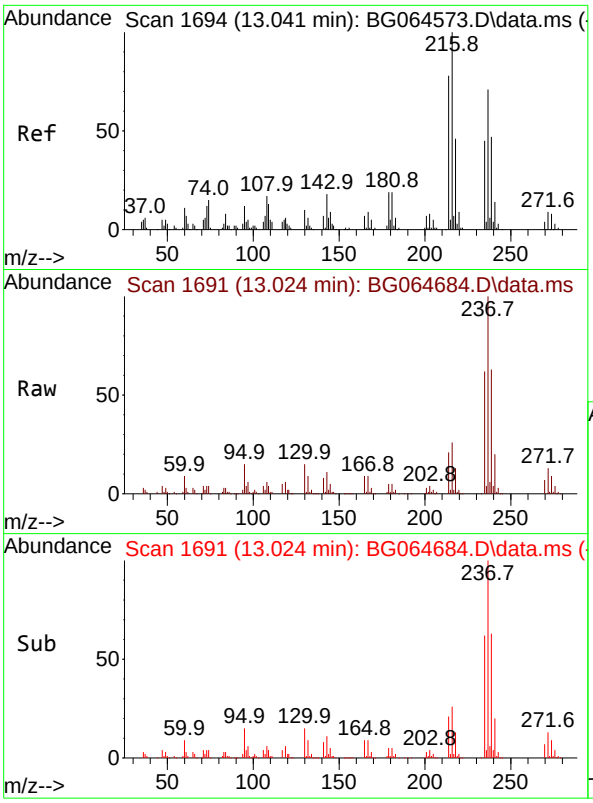


#40
1,2,4,5-Tetrachlorobenzene
Concen: 56.395 ng
RT: 13.042 min Scan# 1694
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:216 Resp: 184783

Ion	Ratio	Lower	Upper
216	100		
214	77.6	61.4	92.2
179	19.1	15.4	23.0
108	15.8	11.8	17.6



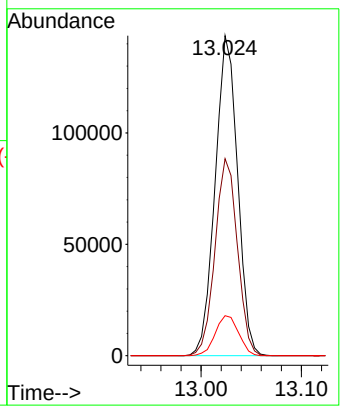


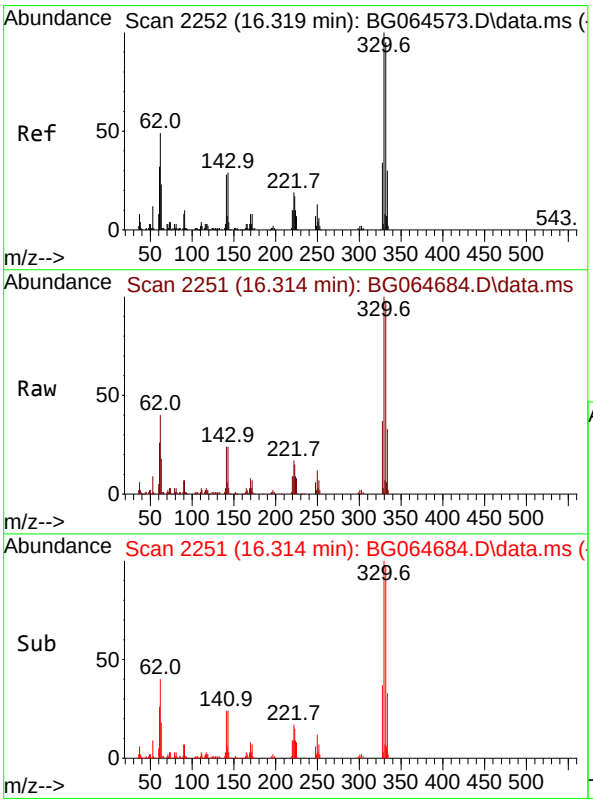
#41
Hexachlorocyclopentadiene
Concen: 151.043 ng
RT: 13.024 min Scan# 1
Delta R.T. -0.017 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Tgt Ion:237 Resp: 222759

Ion	Ratio	Lower	Upper
237	100		
235	61.6	44.1	84.1
272	12.5	0.0	32.4

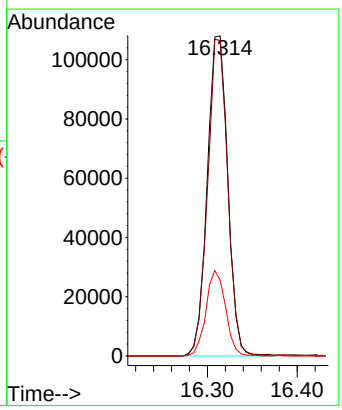


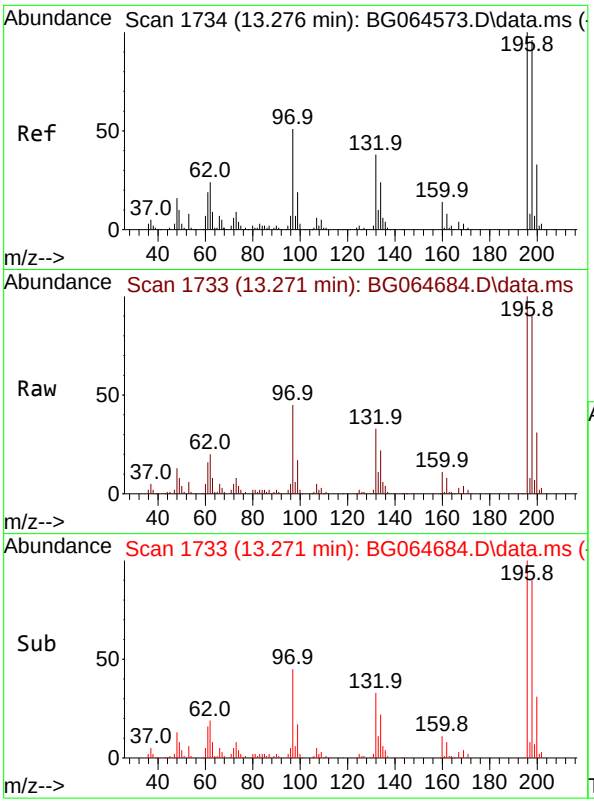


#42
2,4,6-Tribromophenol
Concen: 121.427 ng
RT: 16.314 min Scan# 2251
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:330 Resp: 171104

Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.0	117.0
141	25.4	21.8	32.6



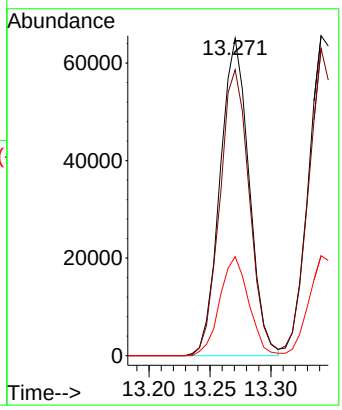


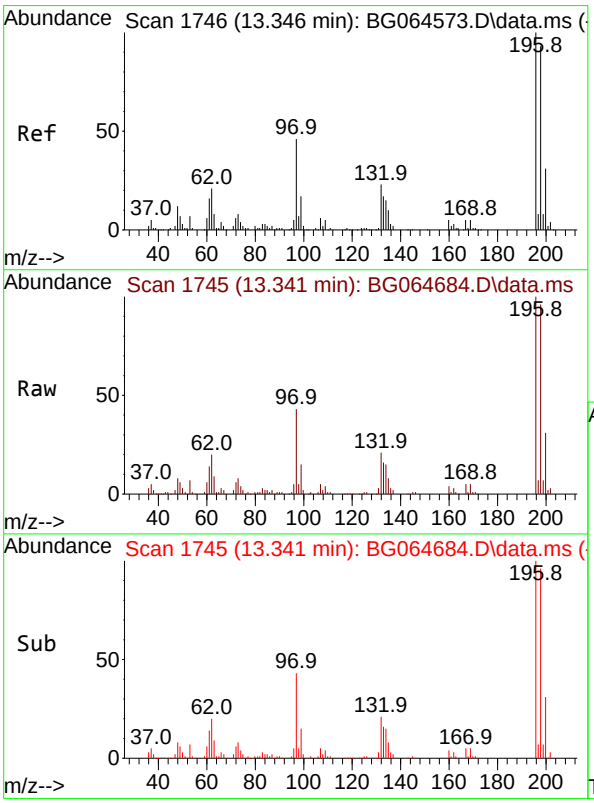
#43
2,4,6-Trichlorophenol
Concen: 57.487 ng
RT: 13.271 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Tgt Ion:196 Resp: 107743

Ion	Ratio	Lower	Upper
196	100		
198	90.1	76.6	115.0
200	31.2	26.0	39.0

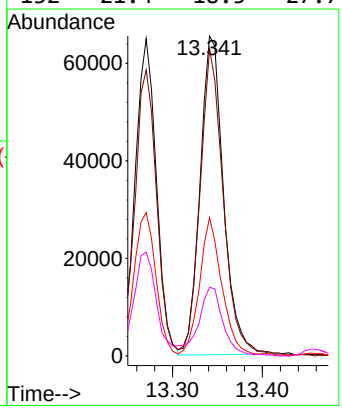


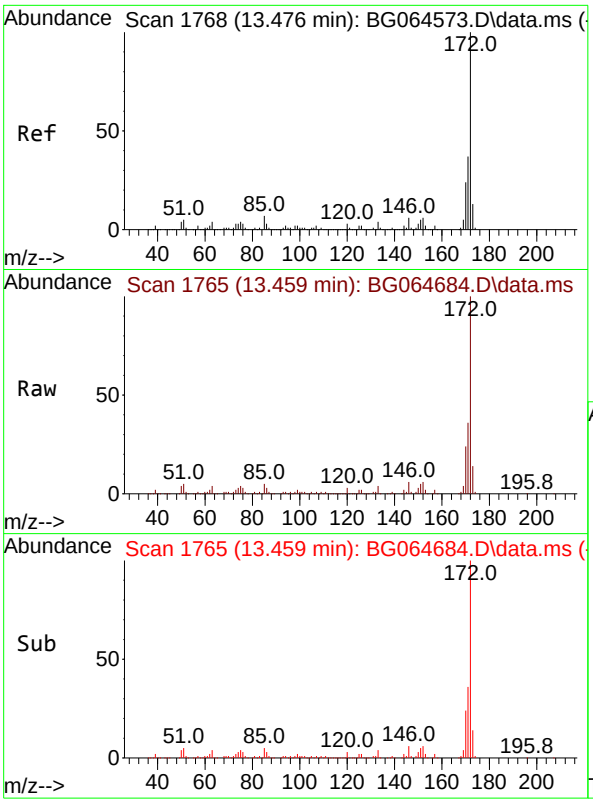


#44
2,4,5-Trichlorophenol
Concen: 54.886 ng
RT: 13.341 min Scan# 1745
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:196 Resp: 118709

Ion	Ratio	Lower	Upper
196	100		
198	96.0	74.2	111.4
97	43.2	37.0	55.6
132	21.4	18.5	27.7



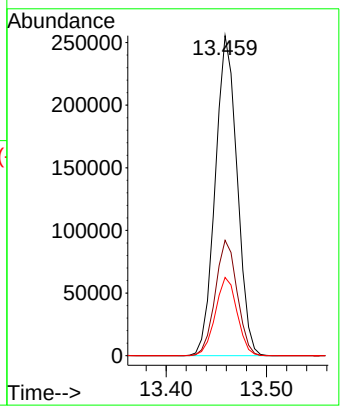


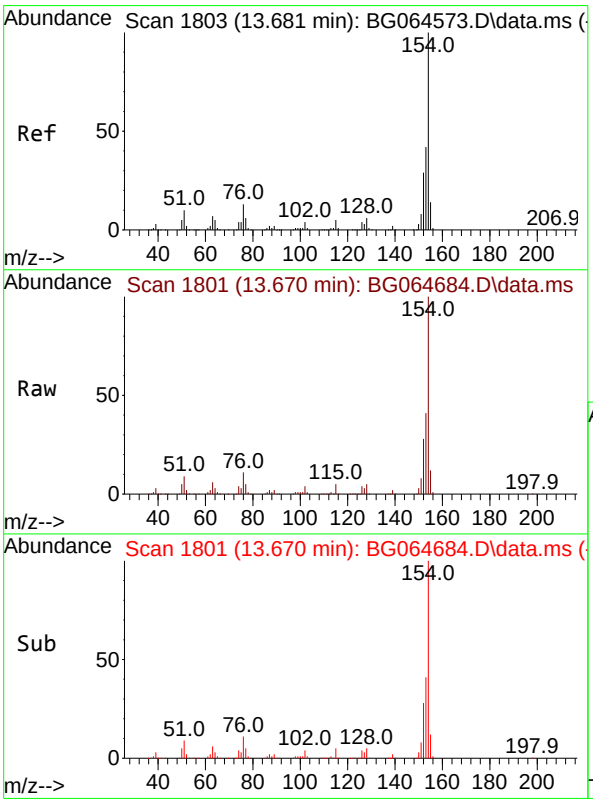
#45
2-Fluorobiphenyl
Concen: 59.988 ng
RT: 13.459 min Scan# 1
Delta R.T. -0.017 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Tgt Ion:172 Resp: 386387

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.5	19.1	28.7

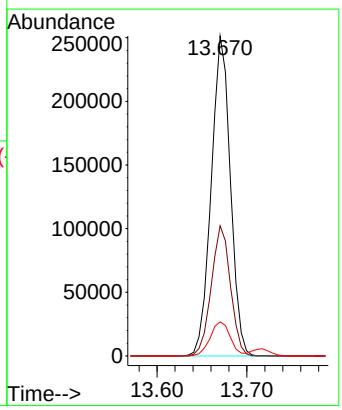


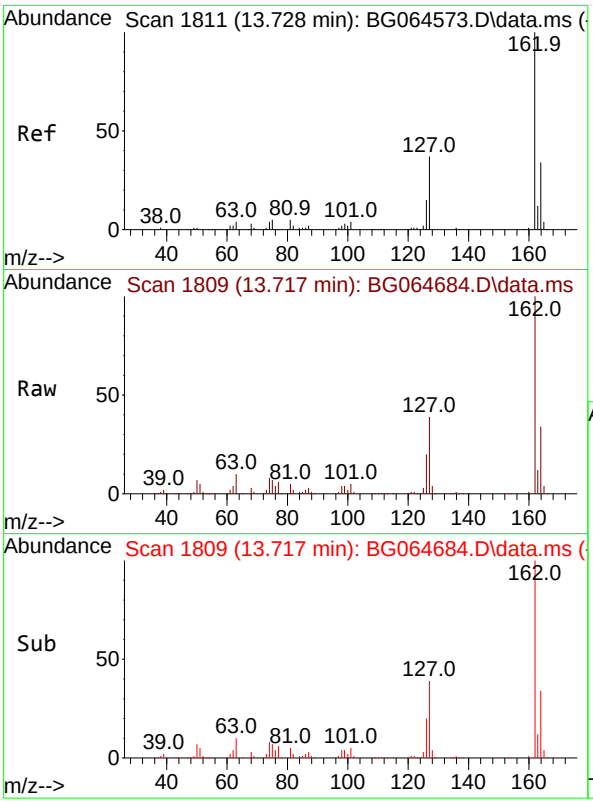


#46
1,1'-Biphenyl
Concen: 53.618 ng
RT: 13.670 min Scan# 1801
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:154 Resp: 372154

Ion	Ratio	Lower	Upper
154	100		
153	40.7	22.4	62.4
76	10.7	0.0	33.5



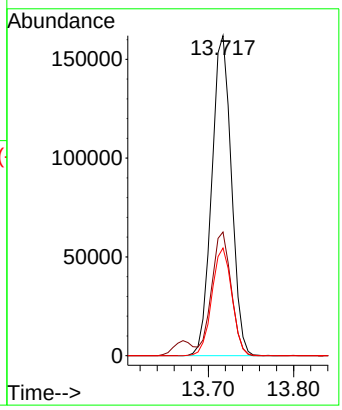


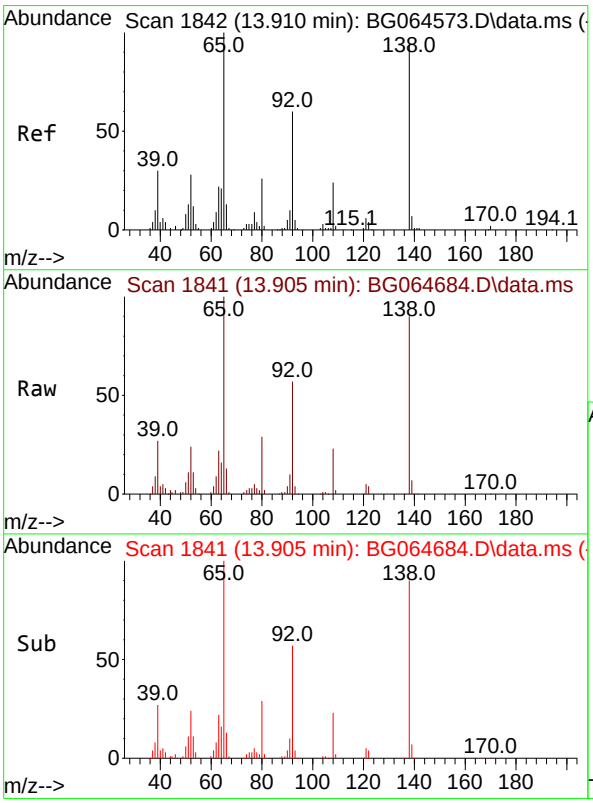
#47
2-Chloronaphthalene
Concen: 49.483 ng
RT: 13.717 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Tgt Ion:162 Resp: 259250

Ion	Ratio	Lower	Upper
162	100		
127	38.7	32.2	48.2
164	33.6	27.5	41.3

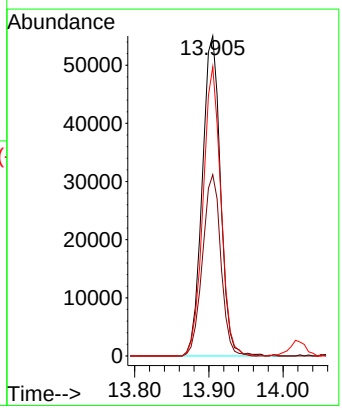


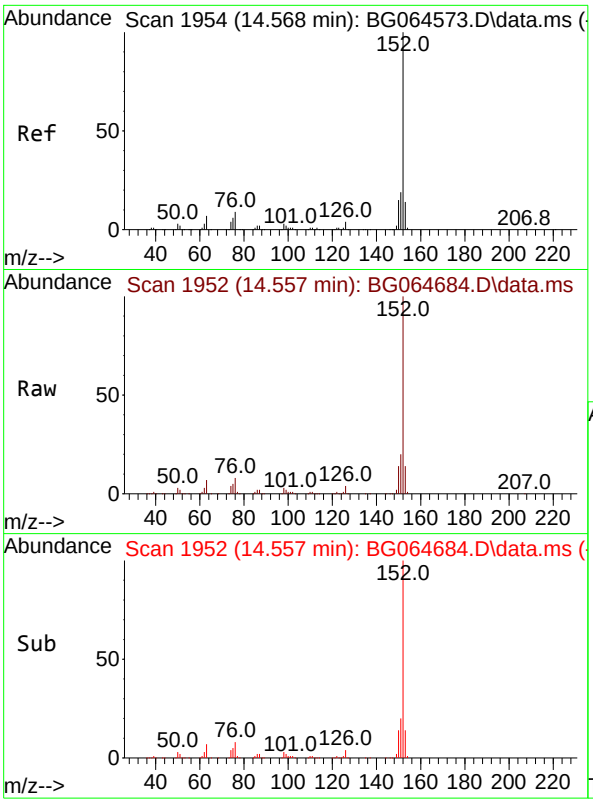


#48
2-Nitroaniline
Concen: 52.834 ng
RT: 13.905 min Scan# 1841
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion: 65 Resp: 93538

Ion	Ratio	Lower	Upper
65	100		
92	56.7	48.3	72.5
138	90.3	74.9	112.3



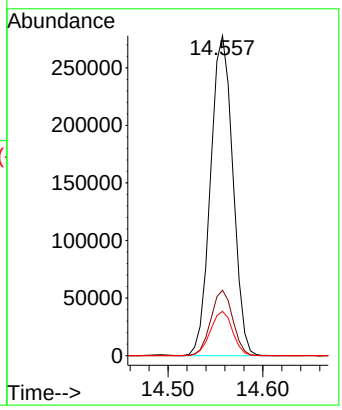


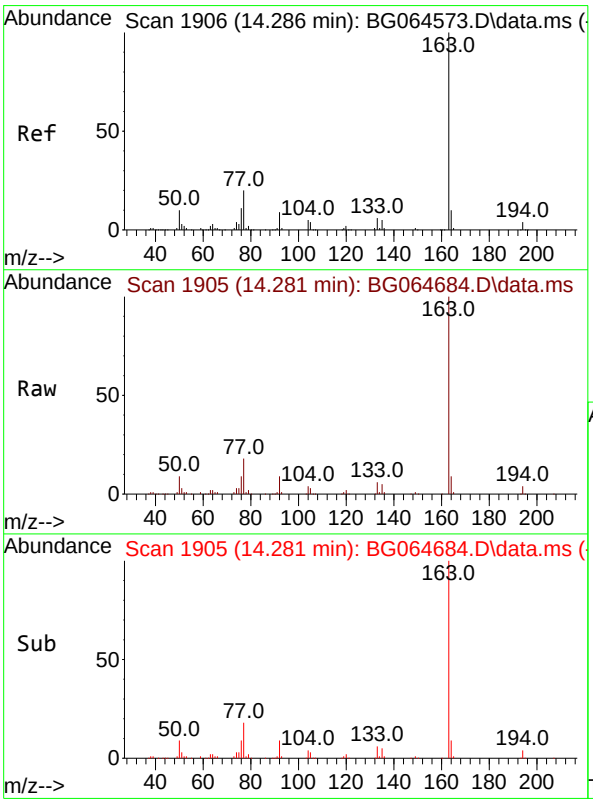
#49
Acenaphthylene
Concen: 55.015 ng
RT: 14.557 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Tgt Ion:152 Resp: 454638

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.4	23.2
153	13.8	11.0	16.4

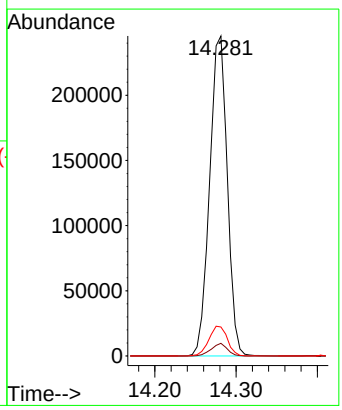


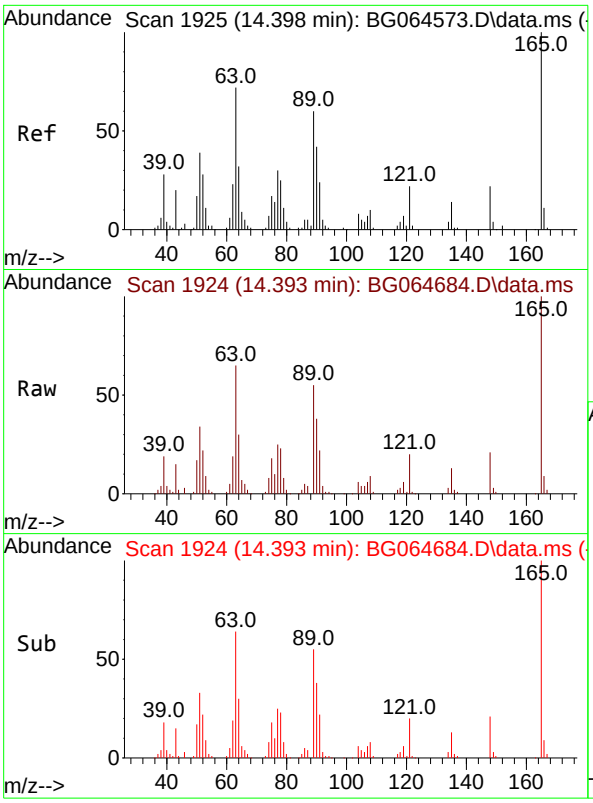


#50
Dimethylphthalate
Concen: 49.408 ng
RT: 14.281 min Scan# 1905
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:163 Resp: 369114

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.8	4.2
164	9.1	7.7	11.5



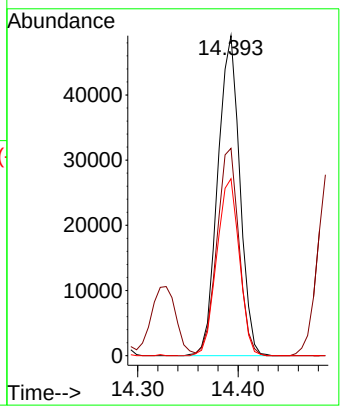


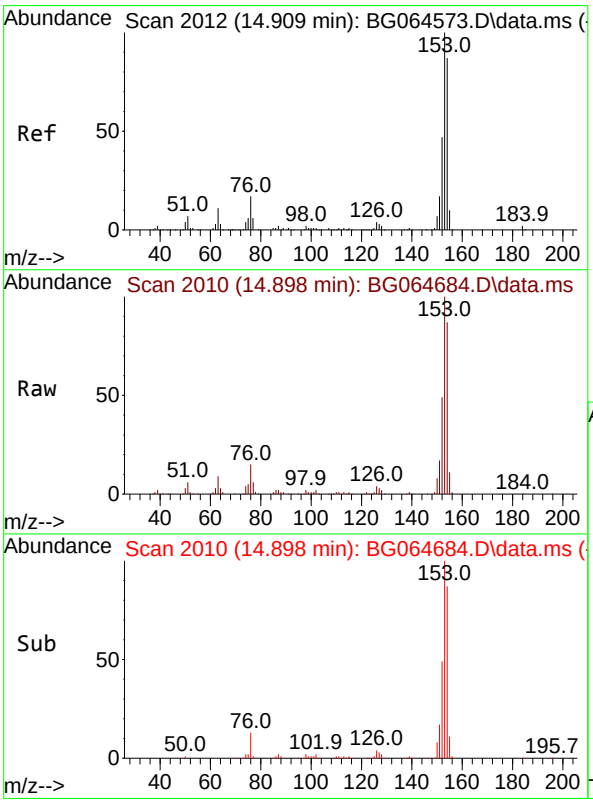
#51
2,6-Dinitrotoluene
Concen: 59.836 ng
RT: 14.393 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Tgt Ion:165 Resp: 74798

Ion	Ratio	Lower	Upper
165	100		
63	64.8	57.4	86.0
89	55.3	47.8	71.8

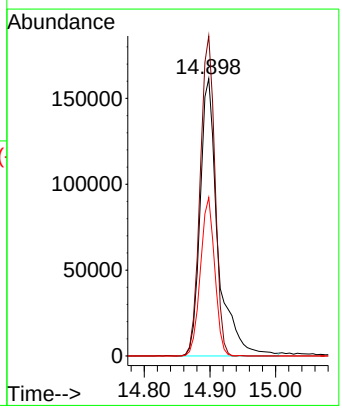


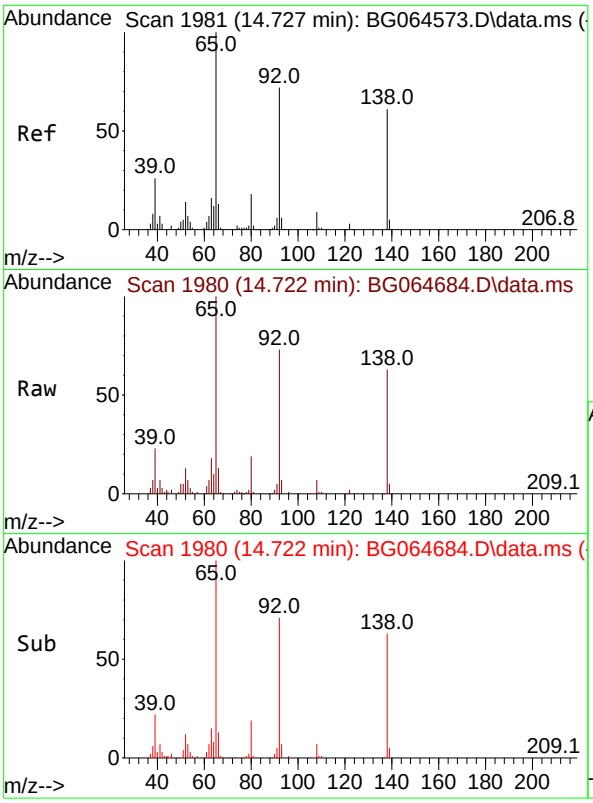


#52
Acenaphthene
Concen: 54.056 ng
RT: 14.898 min Scan# 2010
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:154 Resp: 305203

Ion	Ratio	Lower	Upper
154	100		
153	115.4	92.2	138.4
152	57.1	43.2	64.8



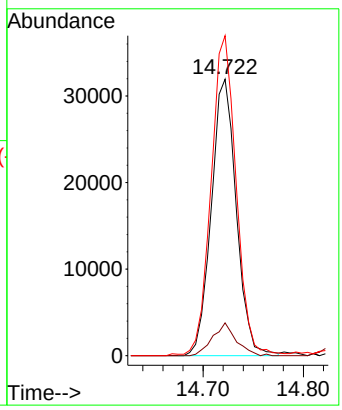


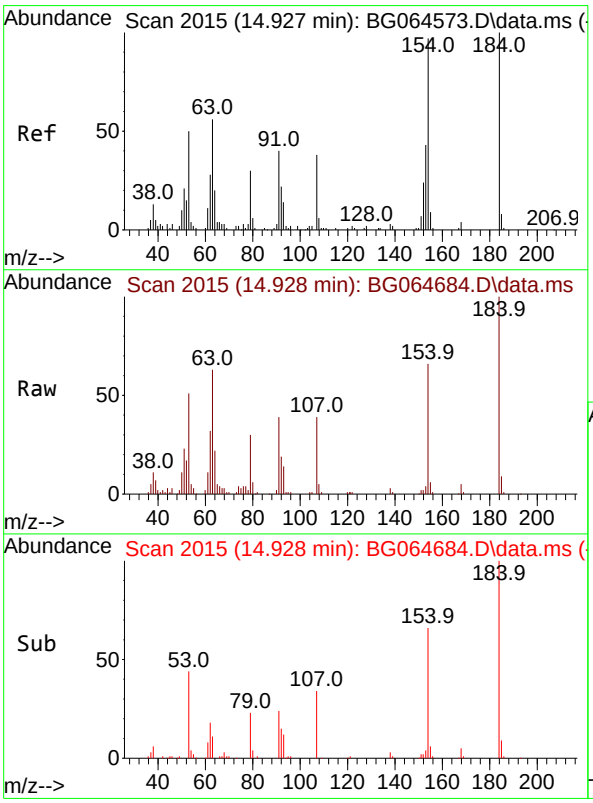
#53
3-Nitroaniline
Concen: 42.968 ng
RT: 14.722 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Tgt Ion:138 Resp: 55166

Ion	Ratio	Lower	Upper
138	100		
108	11.9	11.4	17.0
92	115.7	95.3	142.9

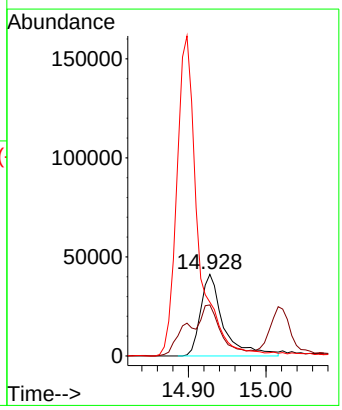


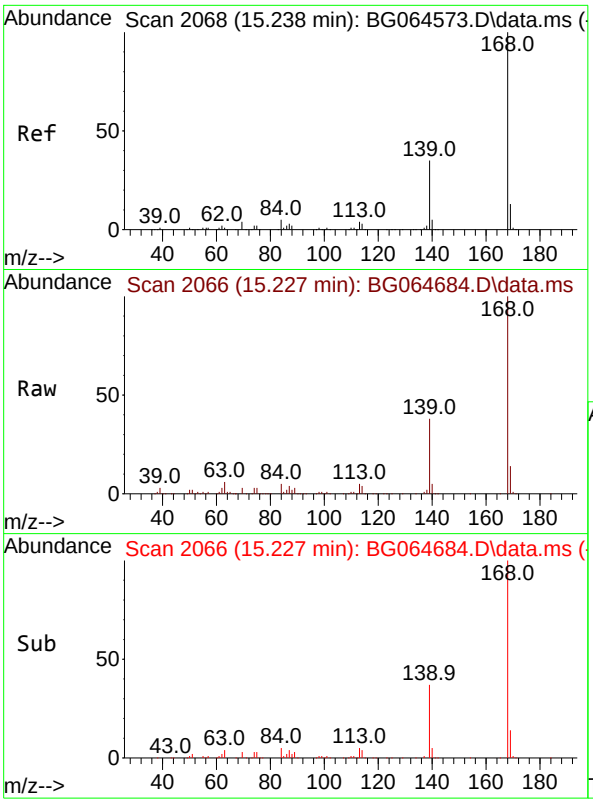


#54
2,4-Dinitrophenol
Concen: 108.975 ng
RT: 14.928 min Scan# 2015
Delta R.T. 0.001 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:184 Resp: 84070

Ion	Ratio	Lower	Upper
184	100		
63	62.6	56.6	85.0
154	66.0	158.6	238.0#



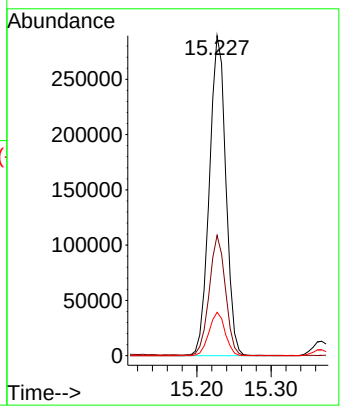


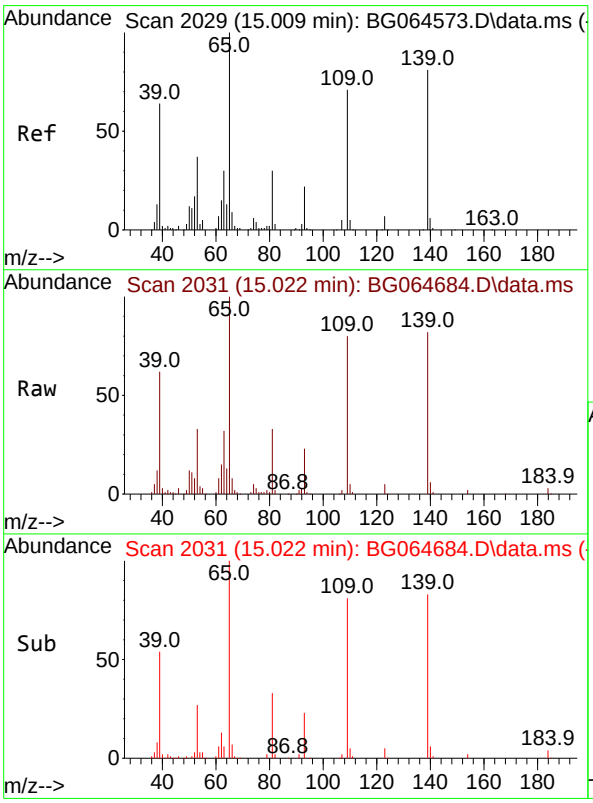
#55
Dibenzofuran
Concen: 48.709 ng
RT: 15.227 min Scan# 2
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Tgt Ion:168 Resp: 444612

Ion	Ratio	Lower	Upper
168	100		
139	37.6	27.8	41.8
169	13.5	10.3	15.5

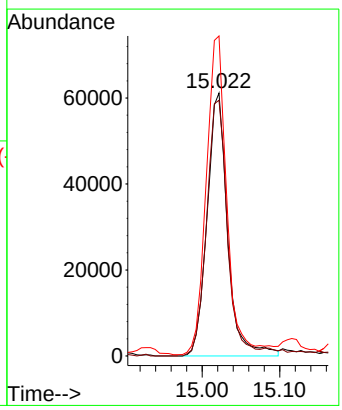


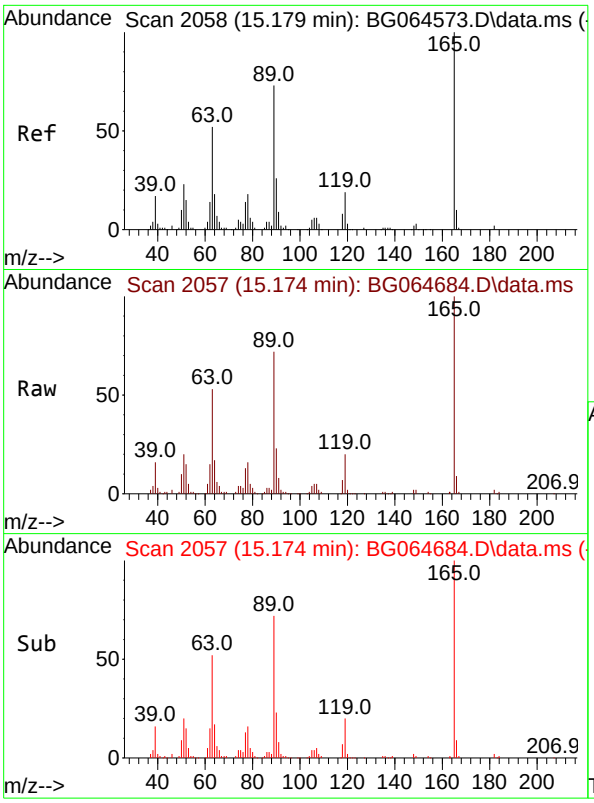


#56
4-Nitrophenol
Concen: 94.733 ng
RT: 15.022 min Scan# 2031
Delta R.T. 0.013 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:139 Resp: 112764

Ion	Ratio	Lower	Upper
139	100		
109	97.3	67.8	107.8
65	121.7	103.7	143.7



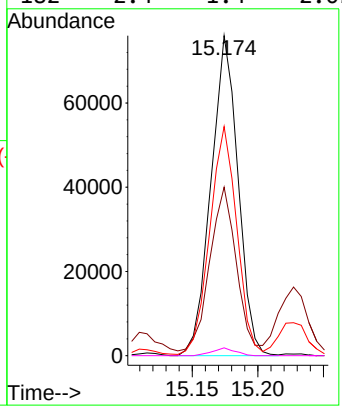


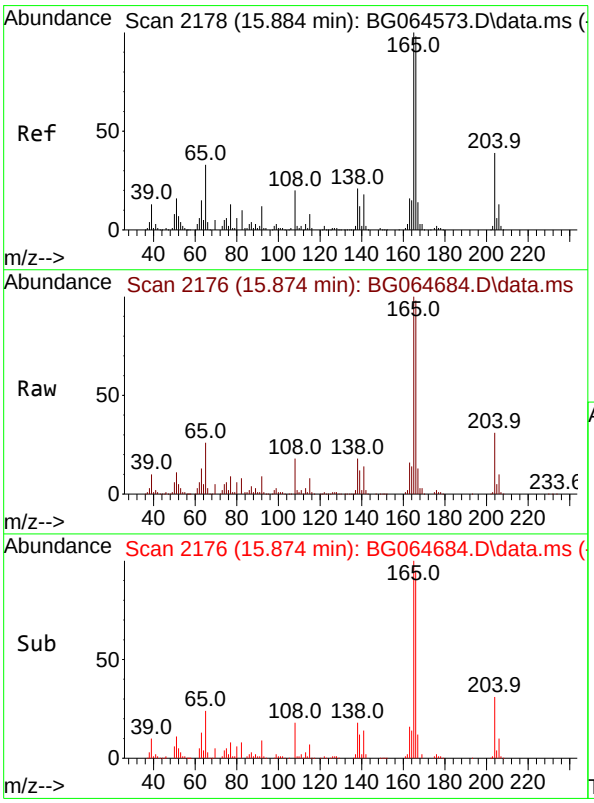
#57
2,4-Dinitrotoluene
Concen: 56.513 ng
RT: 15.174 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Tgt Ion:165 Resp: 108809

Ion	Ratio	Lower	Upper
165	100		
63	52.7	41.8	62.8
89	71.6	58.1	87.1
182	2.4	1.4	2.0#

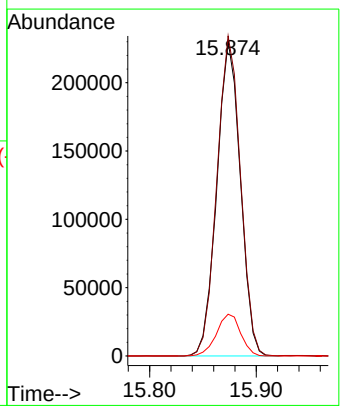


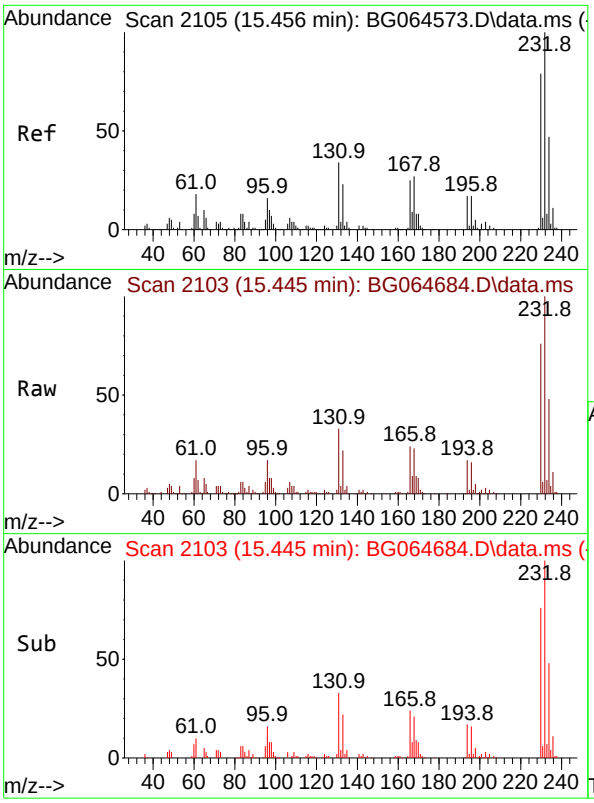


#58
Fluorene
Concen: 49.345 ng
RT: 15.874 min Scan# 2176
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:166 Resp: 351759

Ion	Ratio	Lower	Upper
166	100		
165	101.7	81.5	122.3
167	13.3	11.4	17.0



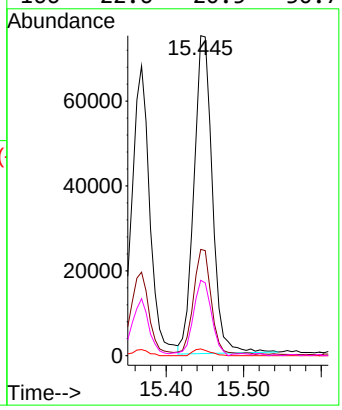


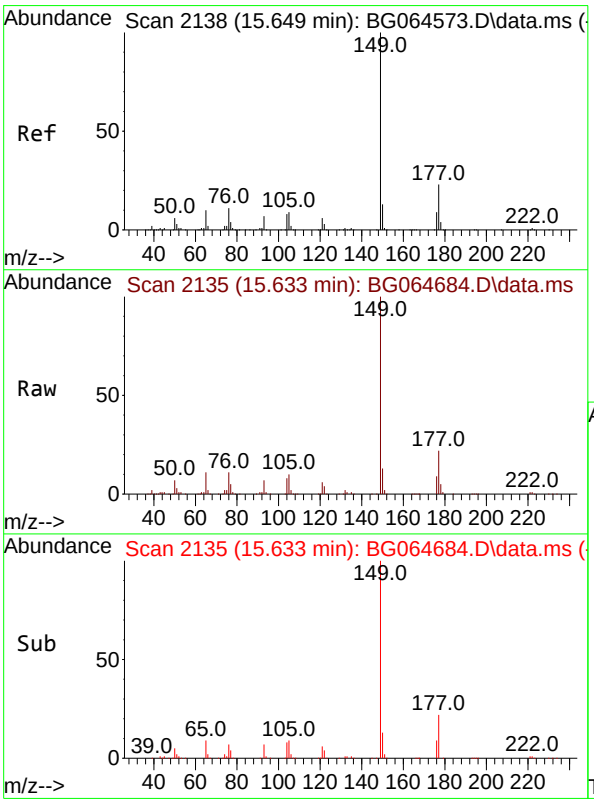
#59
2,3,4,6-Tetrachlorophenol
Concen: 59.500 ng
RT: 15.445 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Tgt Ion:232 Resp: 123058

Ion	Ratio	Lower	Upper
232	100		
131	31.4	26.7	40.1
130	2.0	1.6	2.4
166	22.6	20.5	30.7

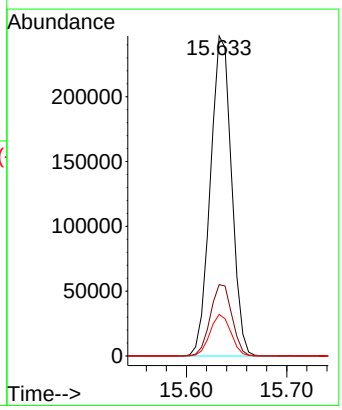


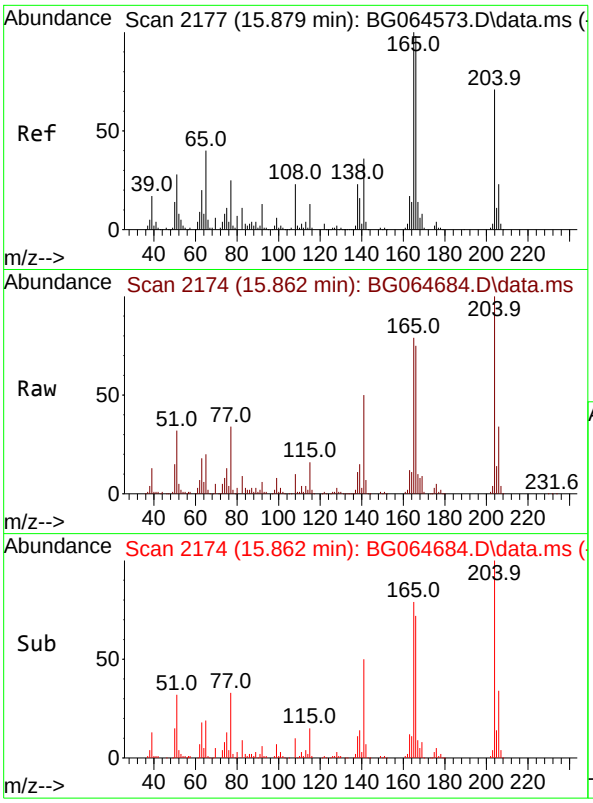


#60
Diethylphthalate
Concen: 47.297 ng
RT: 15.633 min Scan# 2135
Delta R.T. -0.017 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:149 Resp: 360779

Ion	Ratio	Lower	Upper
149	100		
177	22.3	18.0	27.0
150	13.0	10.2	15.4



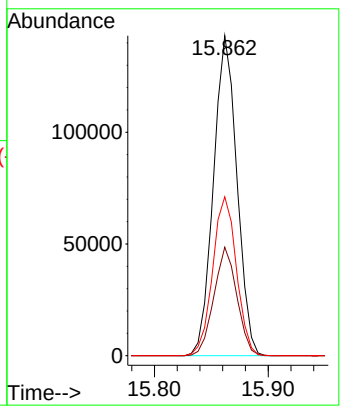


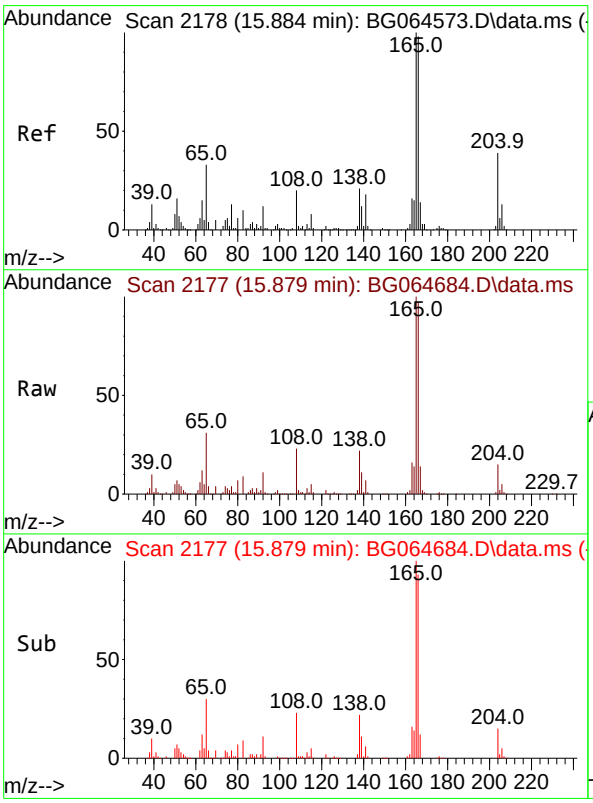
#61
4-Chlorophenyl-phenylether
Concen: 51.379 ng
RT: 15.862 min Scan# 21
Delta R.T. -0.017 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Tgt Ion:204 Resp: 205542

Ion	Ratio	Lower	Upper
204	100		
206	33.9	25.6	38.4
141	49.6	40.6	60.8

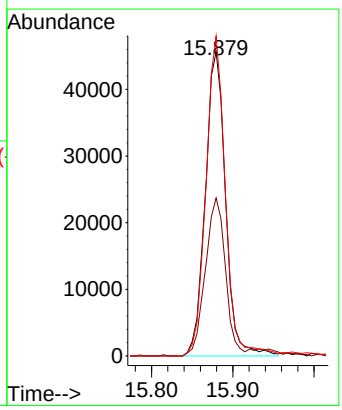


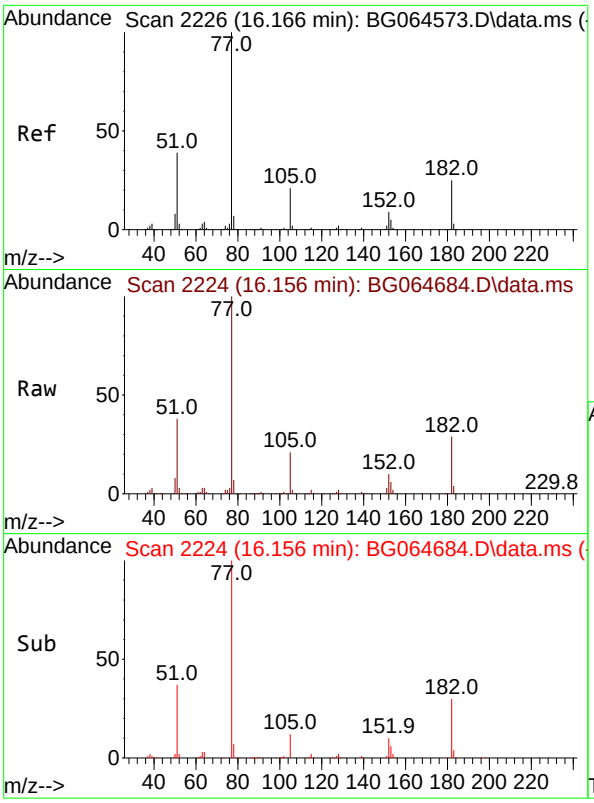


#62
4-Nitroaniline
Concen: 55.219 ng
RT: 15.879 min Scan# 2177
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:138 Resp: 78871

Ion	Ratio	Lower	Upper
138	100		
92	51.9	36.1	76.1
108	105.2	75.6	115.6



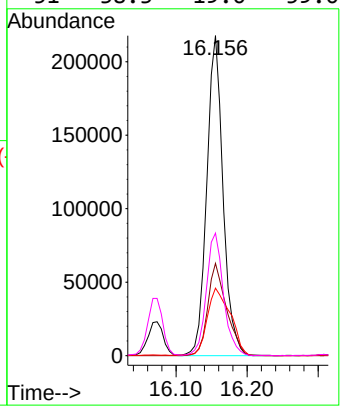


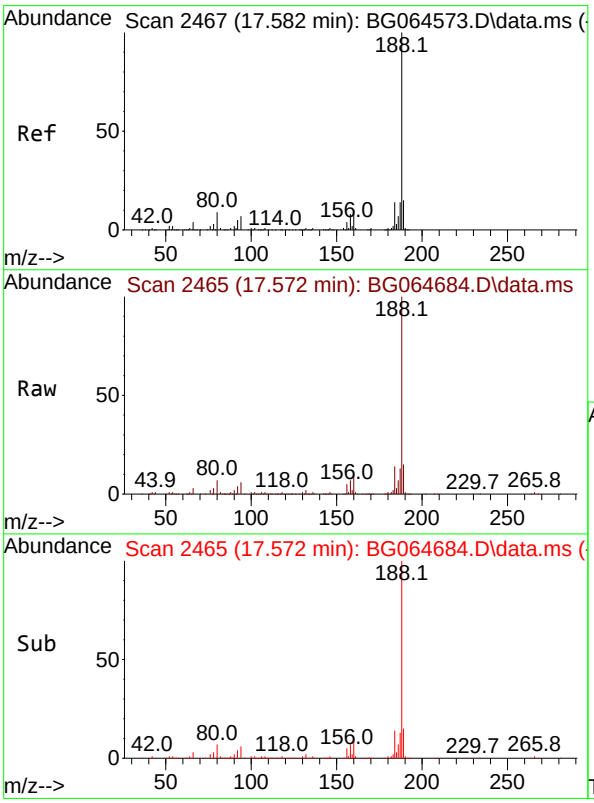
#63
Azobenzene
Concen: 49.553 ng
RT: 16.156 min Scan# 2
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Tgt Ion: 77 Resp: 346815

Ion	Ratio	Lower	Upper
77	100		
182	28.9	4.9	44.9
105	21.1	1.3	41.3
51	38.3	19.0	59.0

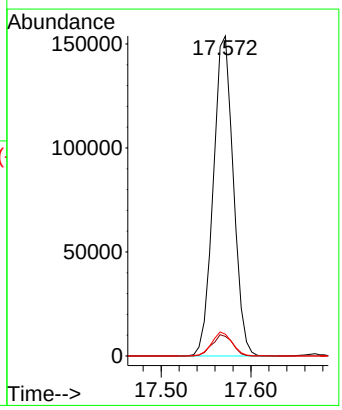


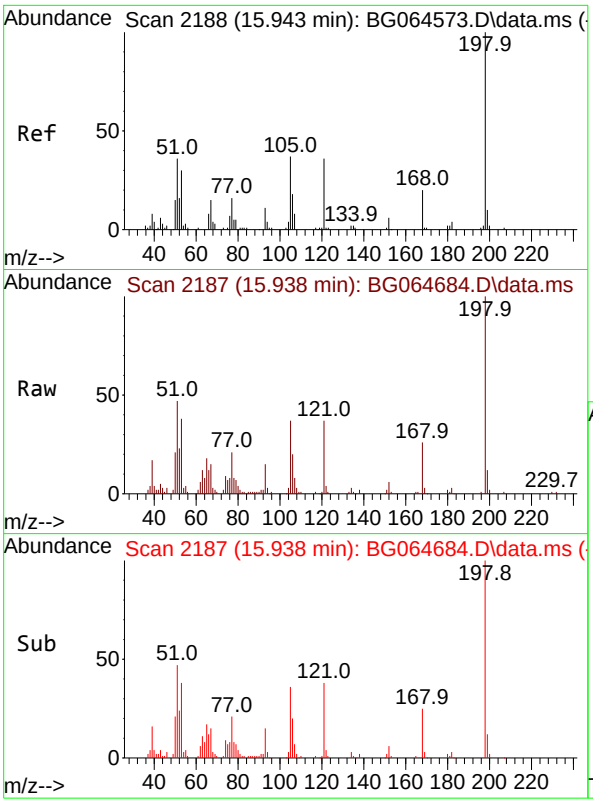


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.572 min Scan# 2465
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:188 Resp: 238127

Ion	Ratio	Lower	Upper
188	100		
94	6.1	5.7	8.5
80	6.8	6.8	10.2#



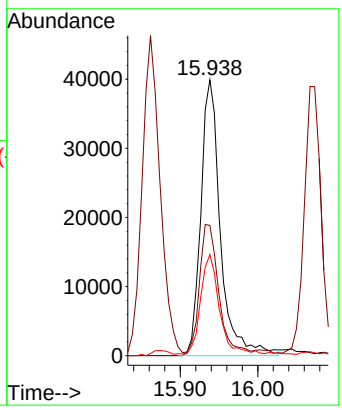


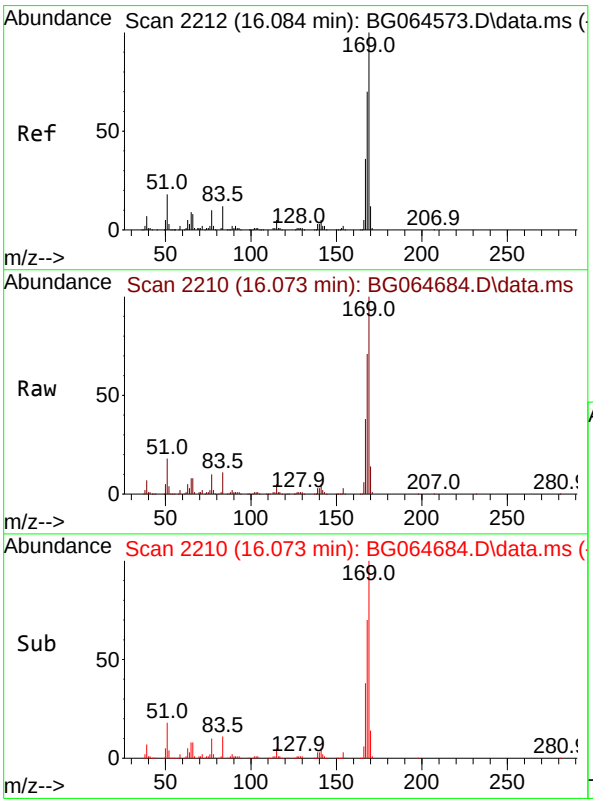
#65
4,6-Dinitro-2-methylphenol
Concen: 64.716 ng
RT: 15.938 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Tgt Ion:198 Resp: 70044

Ion	Ratio	Lower	Upper
198	100		
51	47.2	24.7	64.7
105	36.7	18.0	58.0

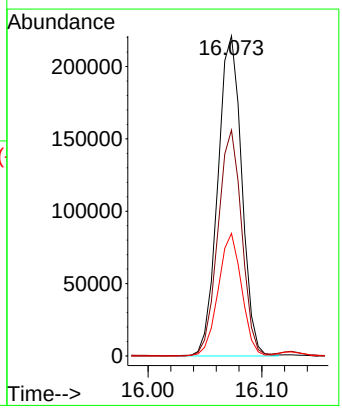


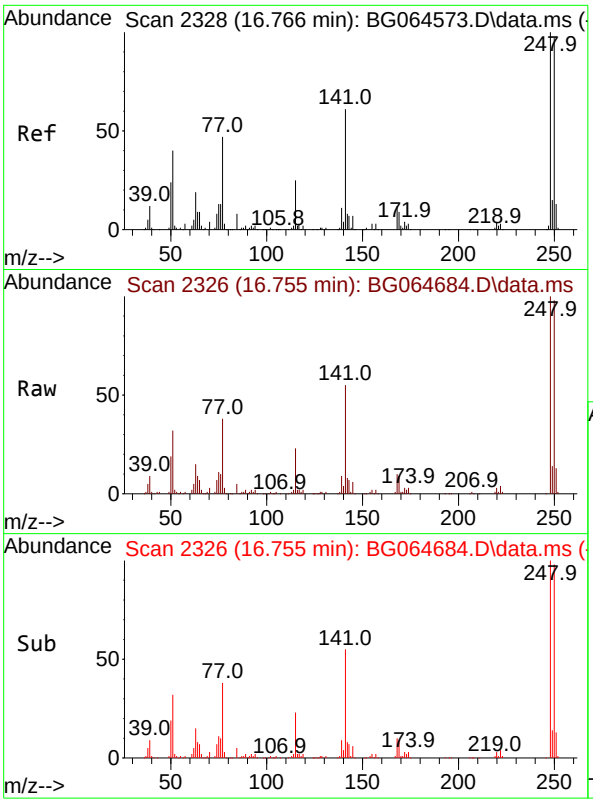


#66
n-Nitrosodiphenylamine
Concen: 50.141 ng
RT: 16.073 min Scan# 2210
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:169 Resp: 322527

Ion	Ratio	Lower	Upper
169	100		
168	70.6	56.3	84.5
167	38.3	29.0	43.6



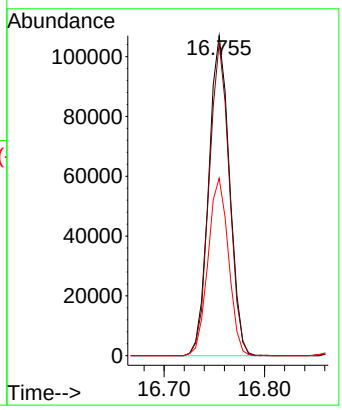


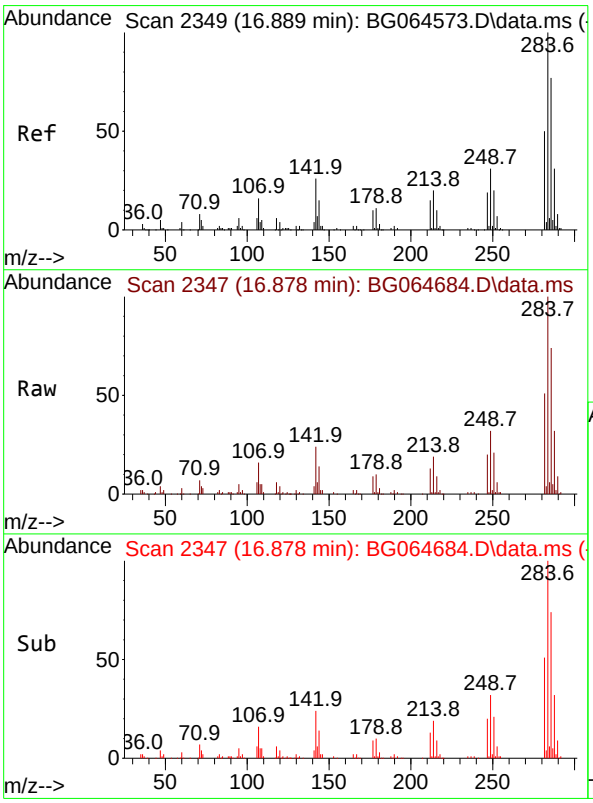
#67
4-Bromophenyl-phenylether
Concen: 54.311 ng
RT: 16.755 min Scan# 2
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Tgt Ion:248 Resp: 153261

Ion	Ratio	Lower	Upper
248	100		
250	97.7	77.7	116.5
141	55.4	48.6	72.8

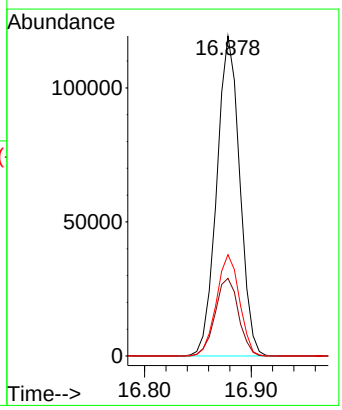


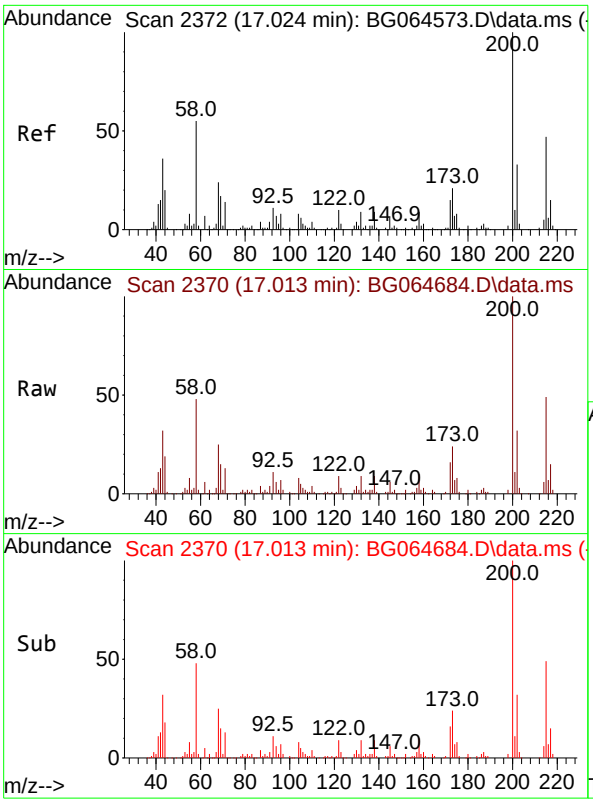


#68
Hexachlorobenzene
Concen: 55.383 ng
RT: 16.878 min Scan# 2347
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:284 Resp: 178294

Ion	Ratio	Lower	Upper
284	100		
142	24.3	21.0	31.6
249	33.7	24.9	37.3



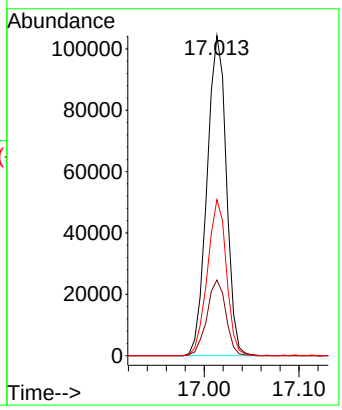


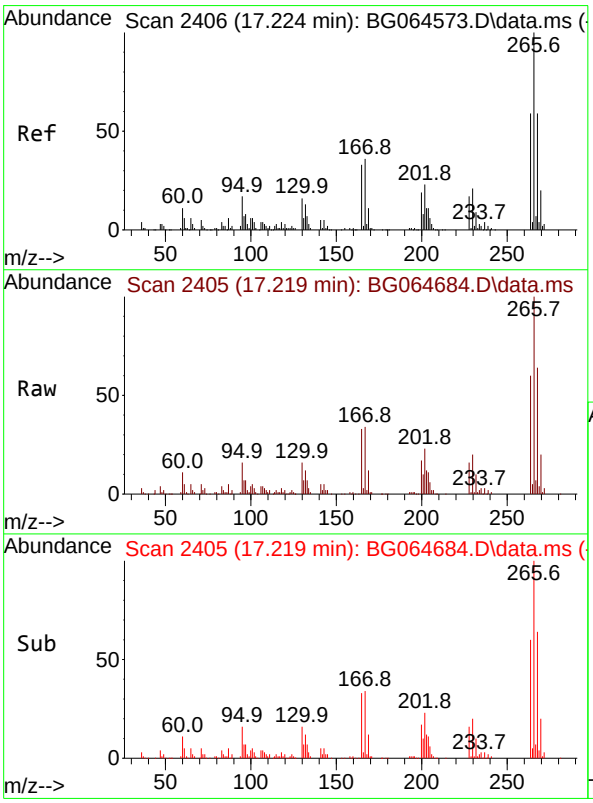
#69
Atrazine
Concen: 53.177 ng
RT: 17.013 min Scan# 2
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Tgt Ion:200 Resp: 147201

Ion	Ratio	Lower	Upper
200	100		
173	23.6	0.9	40.9
215	48.7	27.0	67.0

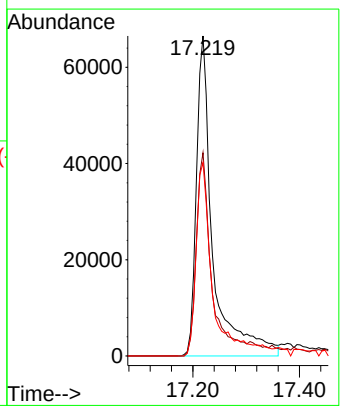


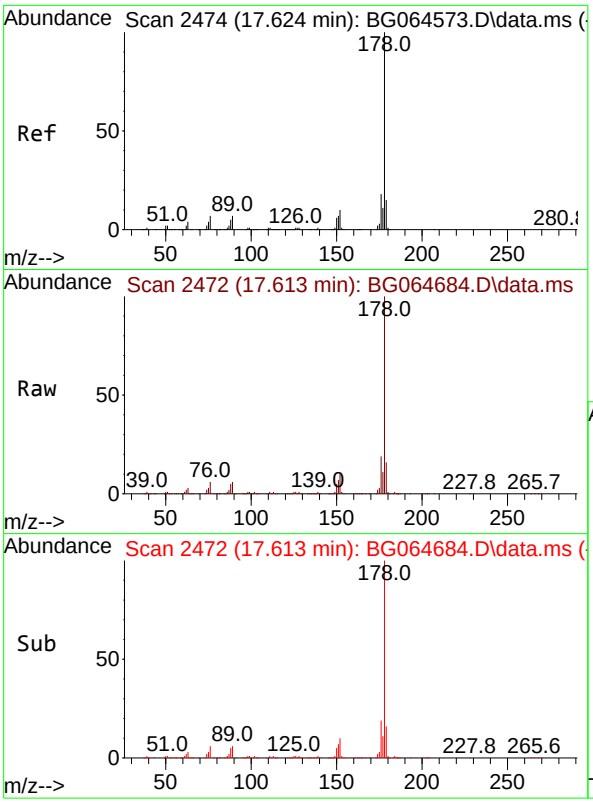


#70
Pentachlorophenol
Concen: 71.149 ng
RT: 17.219 min Scan# 2405
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:266 Resp: 142833

Ion	Ratio	Lower	Upper
266	100		
268	67.4	50.3	75.5
264	60.4	47.3	70.9



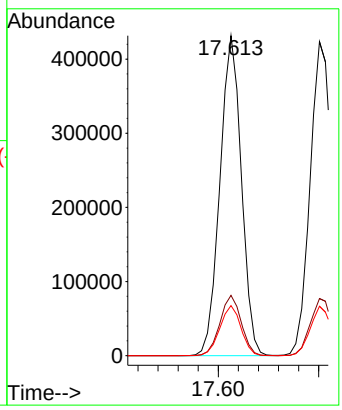


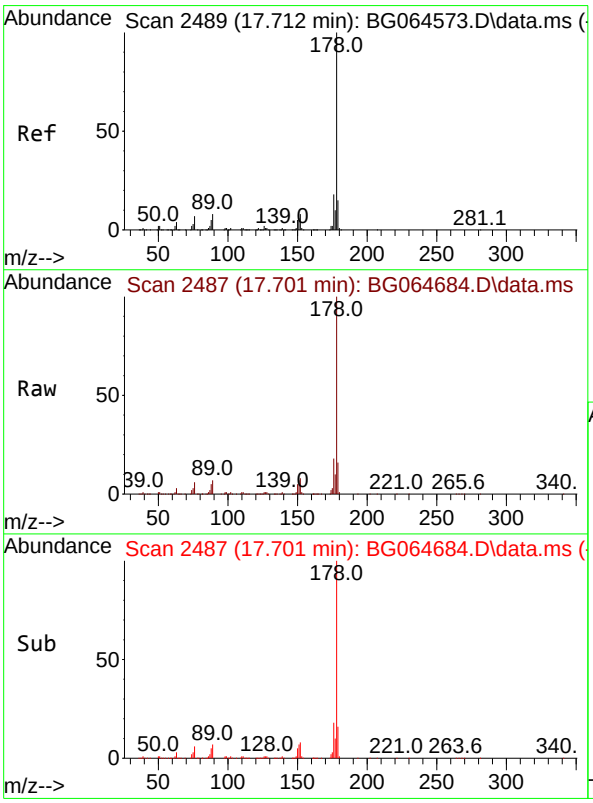
#71
Phenanthrene
Concen: 49.144 ng
RT: 17.613 min Scan# 24
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Tgt Ion:178 Resp: 639960

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.7	22.1
179	15.6	12.2	18.4

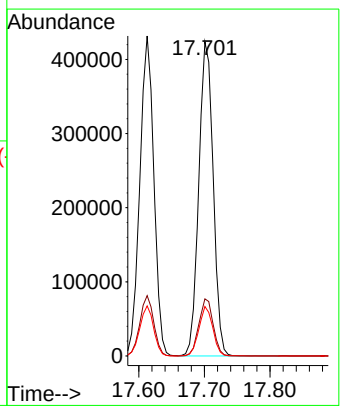


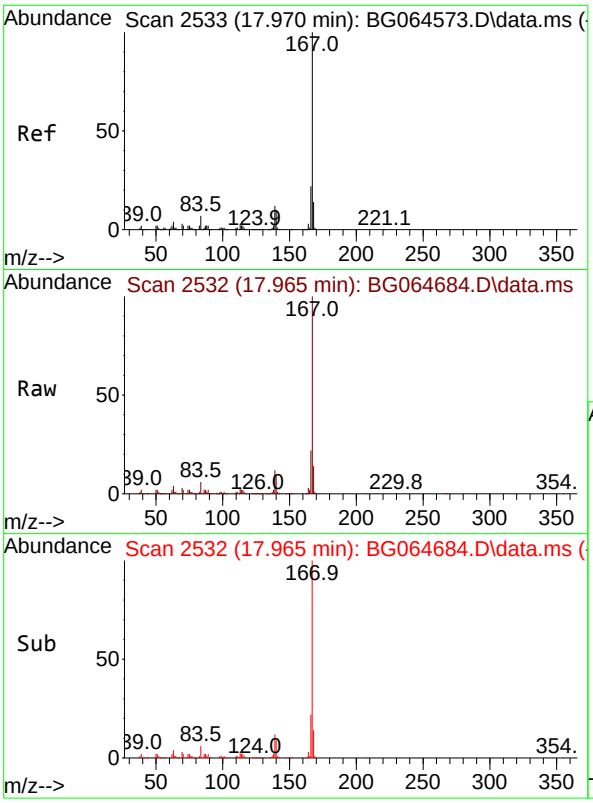


#72
Anthracene
Concen: 49.016 ng
RT: 17.701 min Scan# 2487
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:178 Resp: 649301

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.4	21.6
179	15.7	12.4	18.6



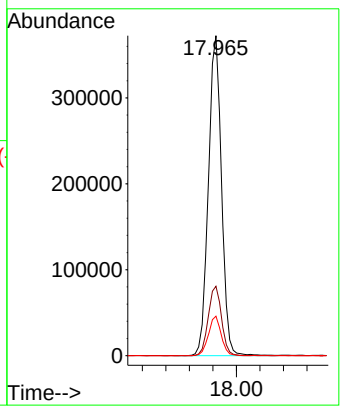


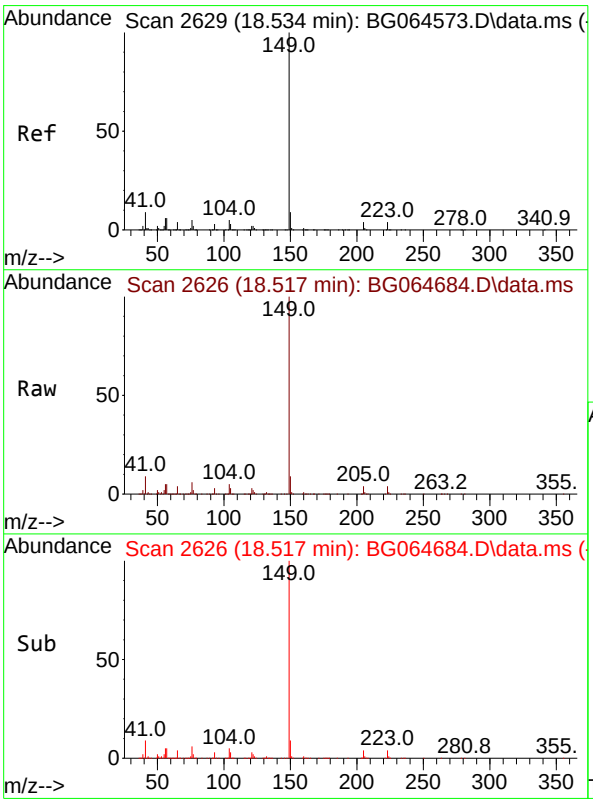
#73
Carbazole
Concen: 49.201 ng
RT: 17.965 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Tgt Ion:167 Resp: 574716

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.9	26.9
139	12.4	9.7	14.5

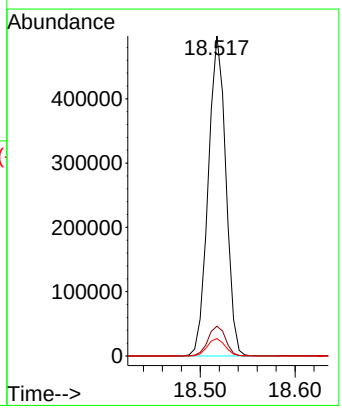


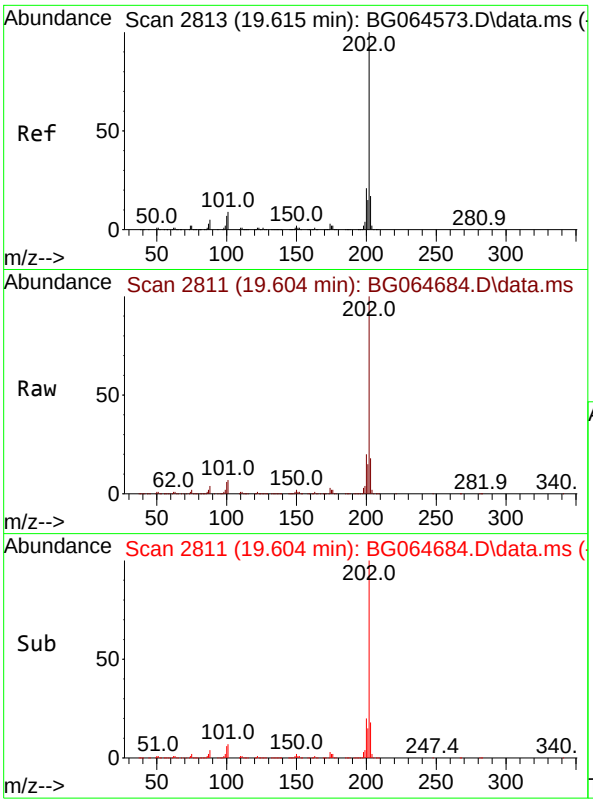


#74
Di-n-butylphthalate
Concen: 47.485 ng
RT: 18.517 min Scan# 2626
Delta R.T. -0.017 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:149 Resp: 641418

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.0	10.6
104	5.5	4.1	6.1



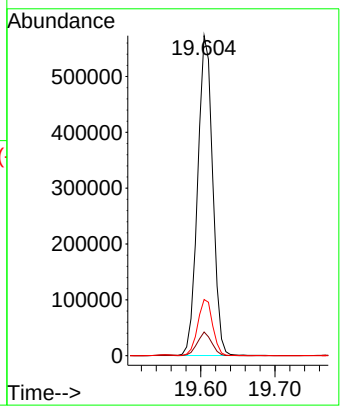


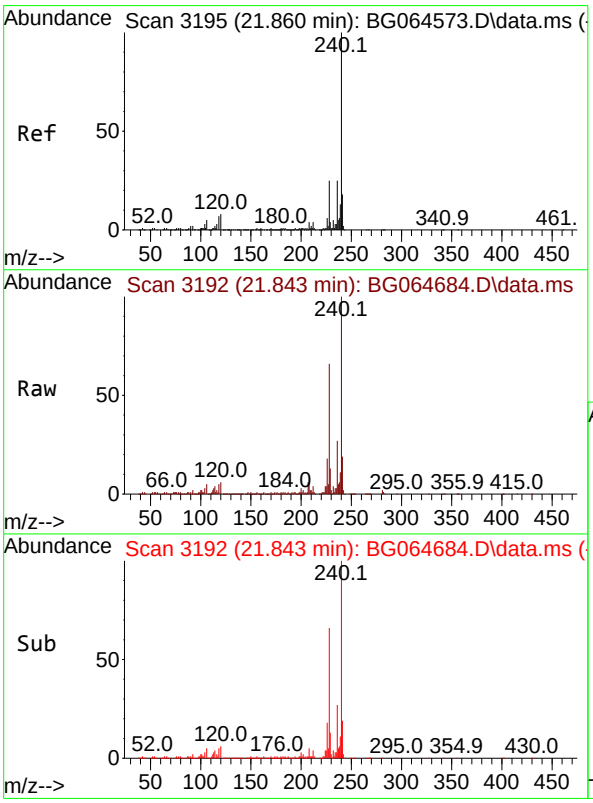
#75
Fluoranthene
Concen: 49.267 ng
RT: 19.604 min Scan# 2
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Tgt Ion:202 Resp: 803723

Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	28.7
203	17.6	0.0	37.0

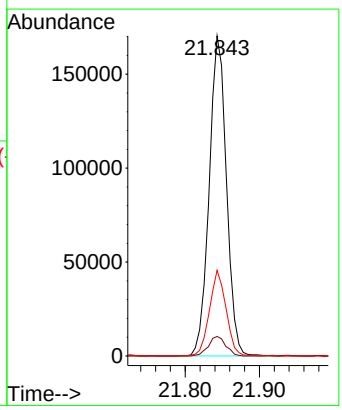


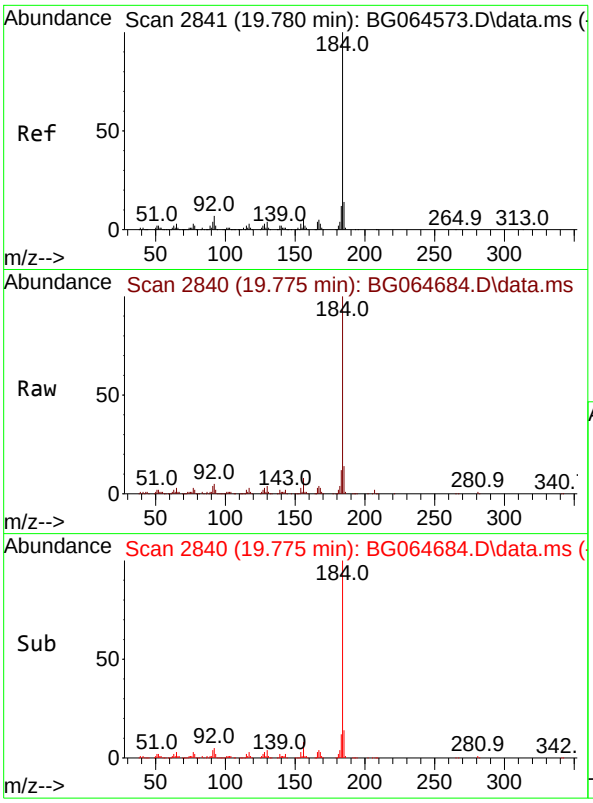


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.843 min Scan# 3192
Delta R.T. -0.017 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:240 Resp: 275359

Ion	Ratio	Lower	Upper
240	100		
120	6.1	6.5	9.7#
236	26.7	20.2	30.2



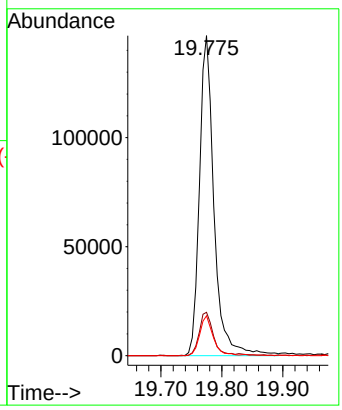


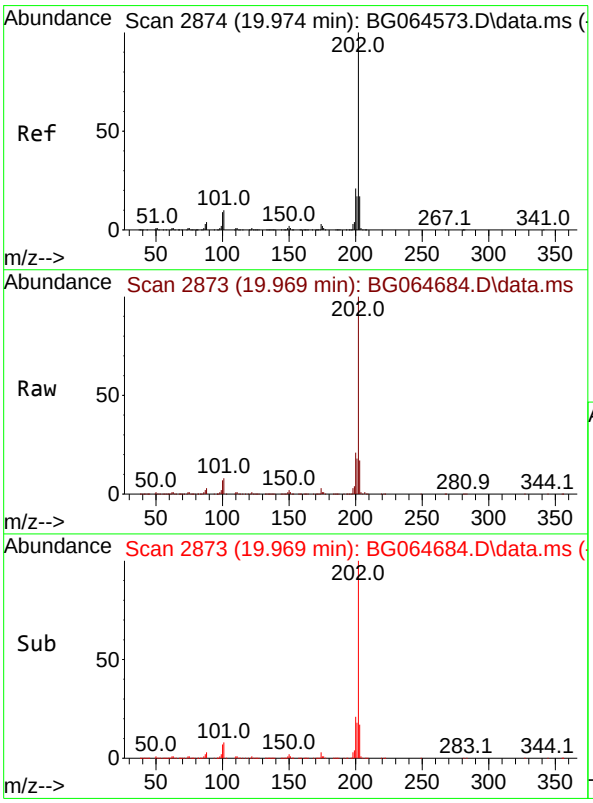
#77
Benzidine
Concen: 39.558 ng
RT: 19.775 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Tgt Ion:184 Resp: 244042

Ion	Ratio	Lower	Upper
184	100		
185	13.6	11.4	17.2
183	12.4	9.4	14.2

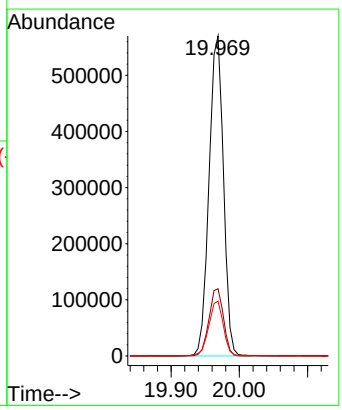


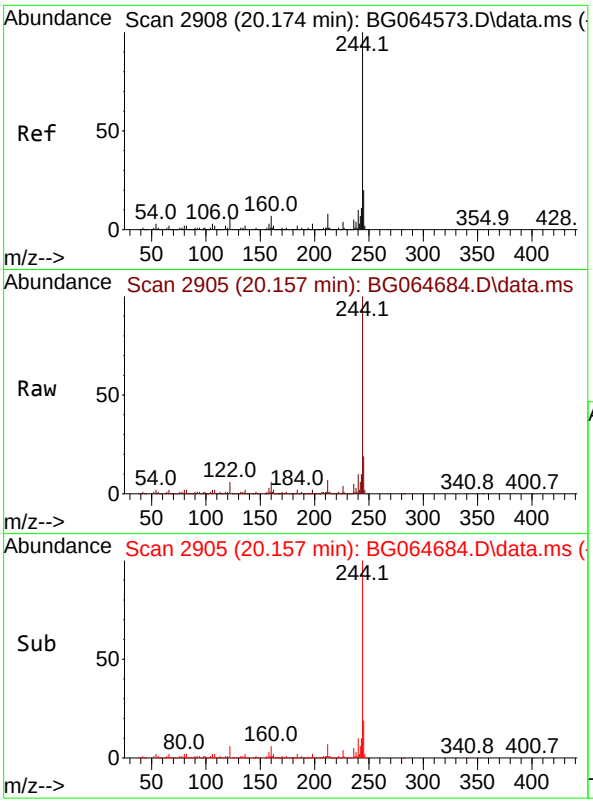


#78
Pyrene
Concen: 46.674 ng
RT: 19.969 min Scan# 2873
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:202 Resp: 839699

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.4
203	17.1	13.8	20.6



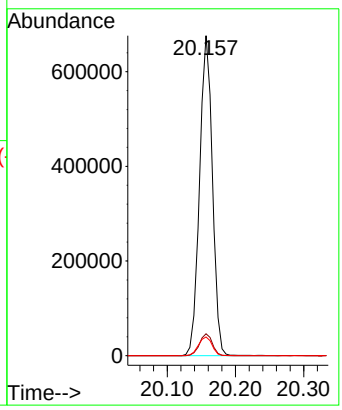


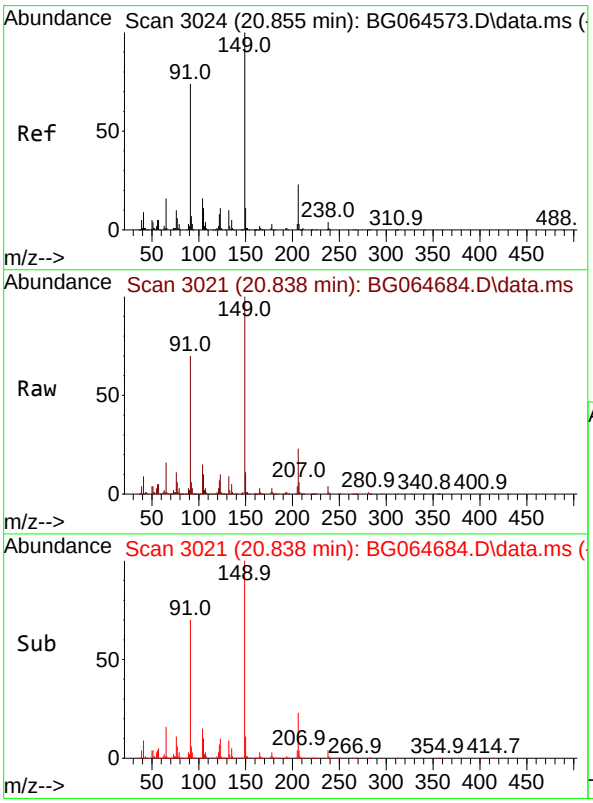
#79
Terphenyl-d14
Concen: 60.618 ng
RT: 20.157 min Scan# 2
Delta R.T. -0.017 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Tgt Ion:244 Resp: 884487

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.1	9.1
122	5.8	5.6	8.4

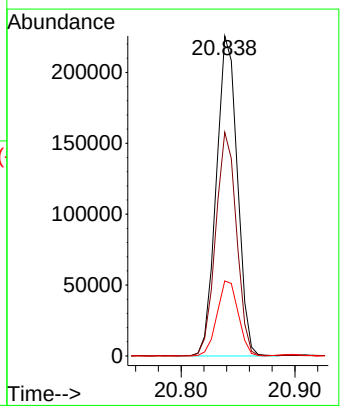


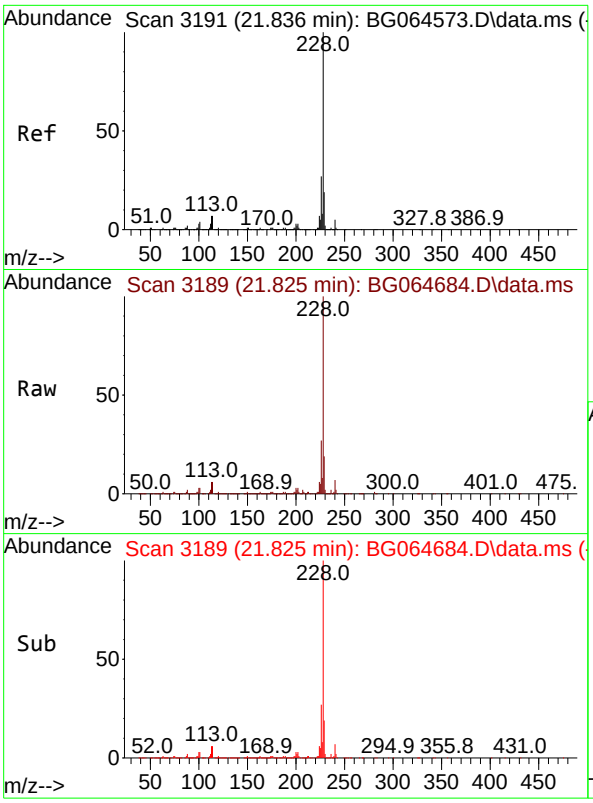


#80
Butylbenzylphthalate
Concen: 53.468 ng
RT: 20.838 min Scan# 3021
Delta R.T. -0.017 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:149 Resp: 290726

Ion	Ratio	Lower	Upper
149	100		
91	69.9	59.2	88.8
206	23.5	18.1	27.1



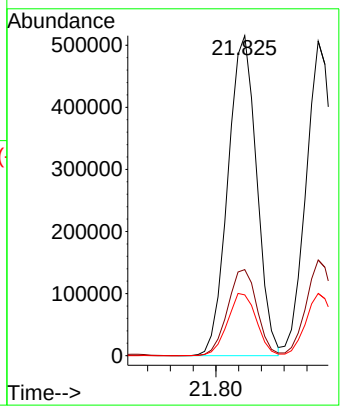


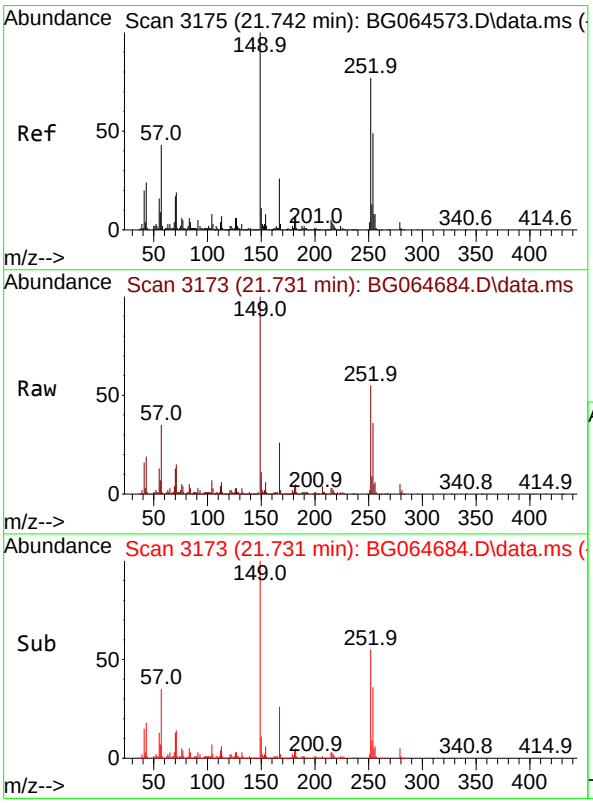
#81
Benzo(a)anthracene
Concen: 49.492 ng
RT: 21.825 min Scan# 3
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Tgt Ion:228 Resp: 903611

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.9	32.9
229	19.0	15.6	23.4

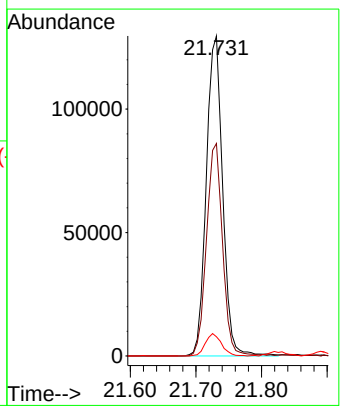


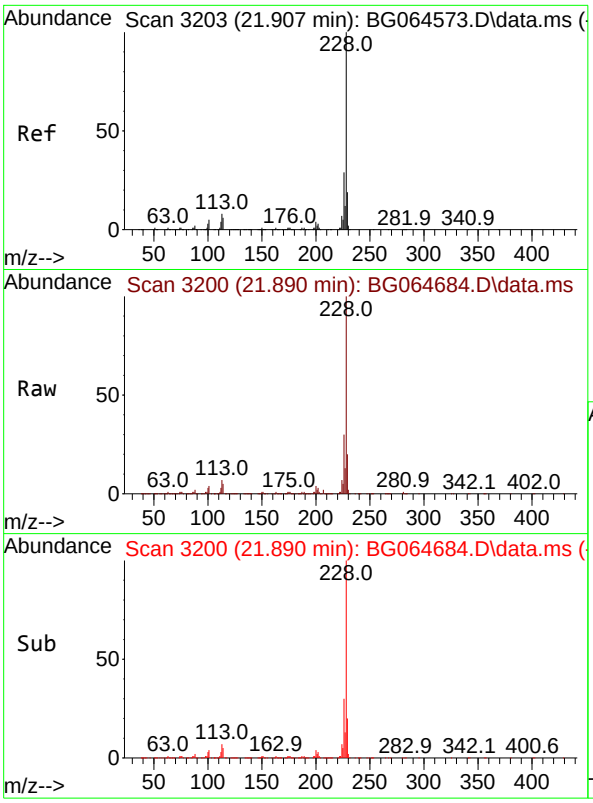


#82
3,3'-Dichlorobenzidine
Concen: 36.833 ng
RT: 21.731 min Scan# 3173
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:252 Resp: 224568

Ion	Ratio	Lower	Upper
252	100		
254	66.4	50.8	76.2
126	6.0	5.8	8.6



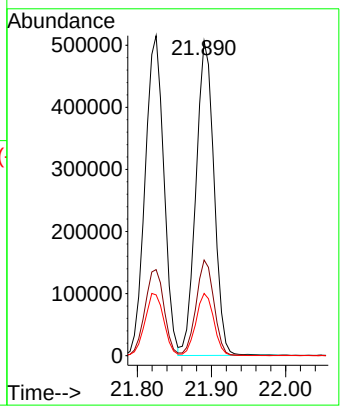


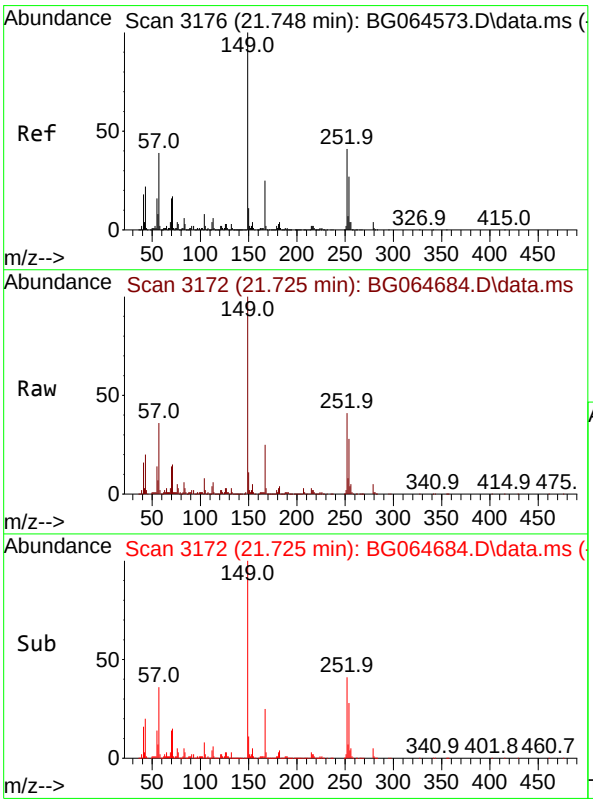
#83
Chrysene
Concen: 49.192 ng
RT: 21.890 min Scan# 3
Delta R.T. -0.017 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Tgt Ion:228 Resp: 854597

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.3	34.9
229	19.8	15.2	22.8

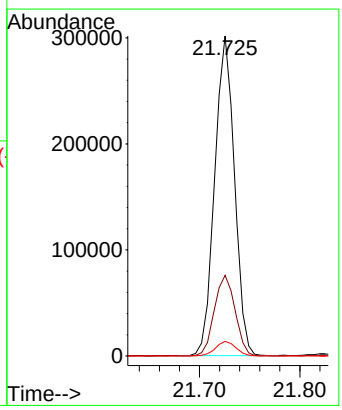


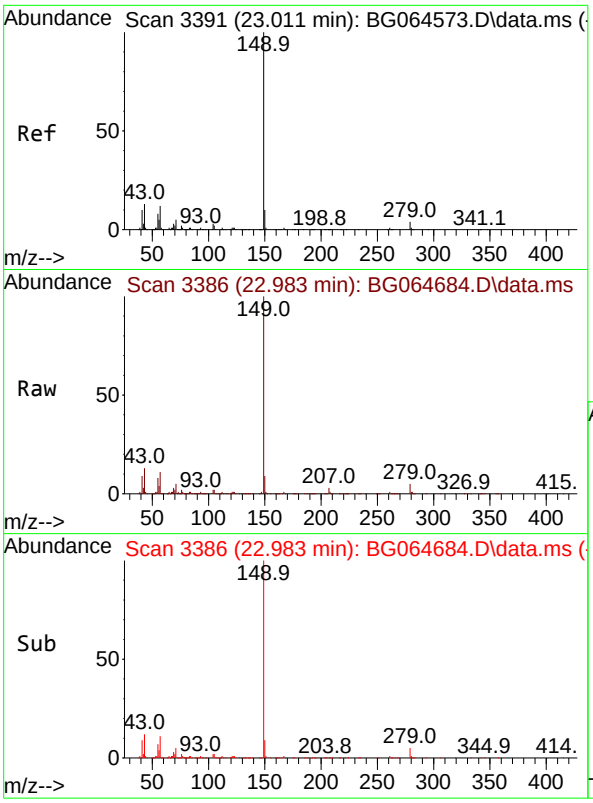


#84
Bis(2-ethylhexyl)phthalate
Concen: 50.742 ng
RT: 21.725 min Scan# 3172
Delta R.T. -0.023 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:149 Resp: 412267

Ion	Ratio	Lower	Upper
149	100		
167	25.2	20.0	30.0
279	4.5	3.1	4.7



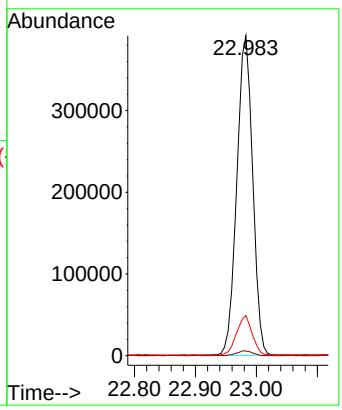


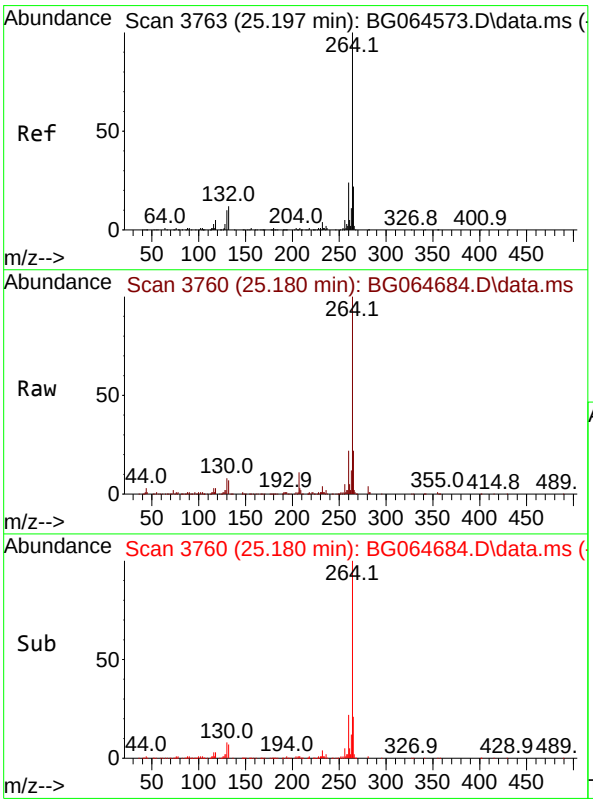
#85
Di-n-octyl phthalate
Concen: 51.563 ng
RT: 22.983 min Scan# 3
Delta R.T. -0.029 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Tgt Ion:149 Resp: 706328

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.1	10.8	16.2

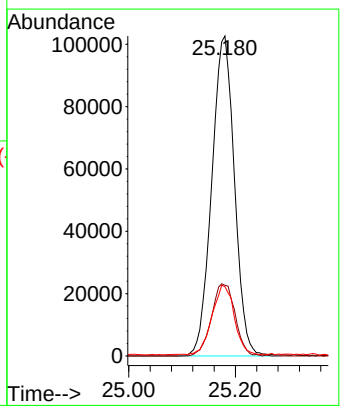


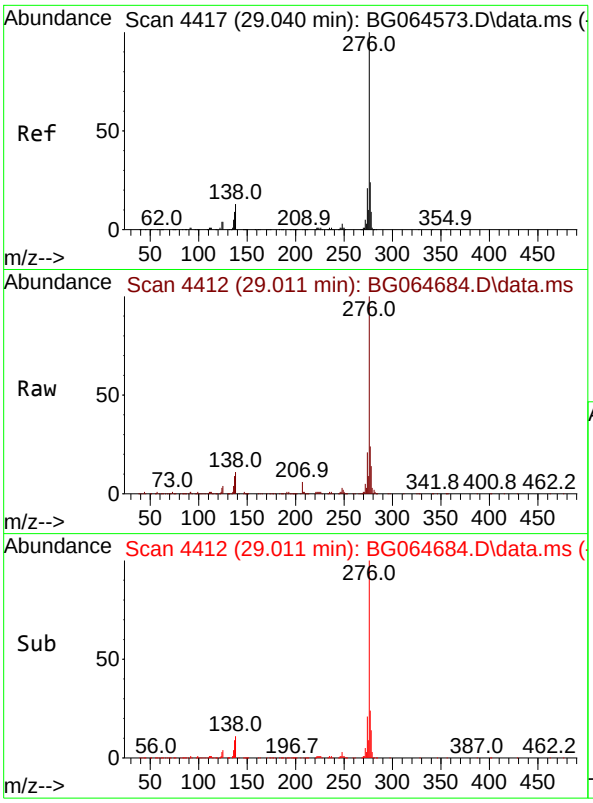


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.180 min Scan# 3760
Delta R.T. -0.017 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:264 Resp: 303393

Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.0	28.4
265	21.6	17.6	26.4



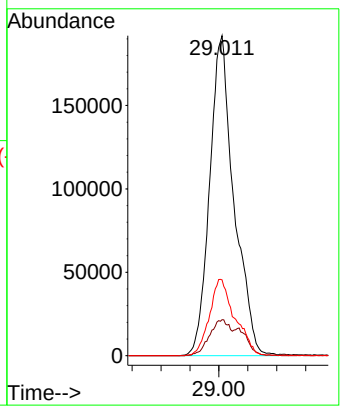


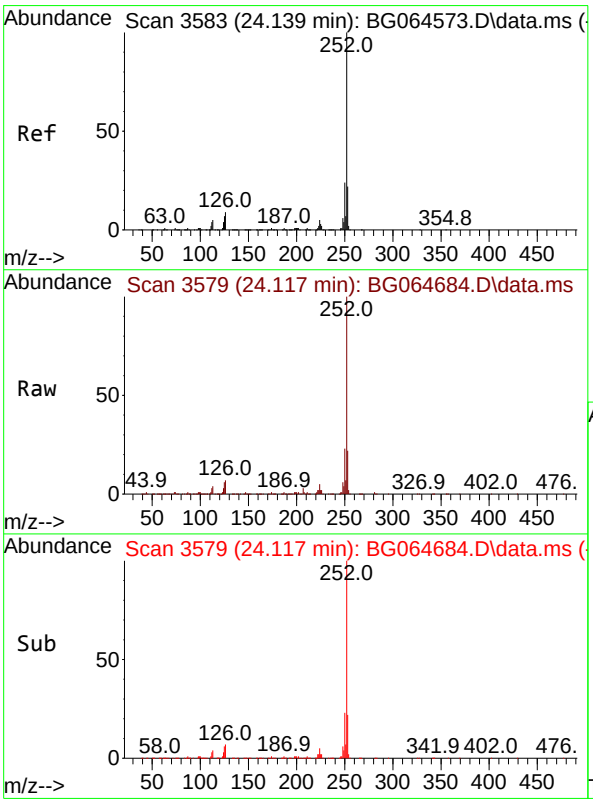
#87
Indeno(1,2,3-cd)pyrene
Concen: 50.272 ng
RT: 29.011 min Scan# 4
Delta R.T. -0.029 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Tgt Ion:276 Resp: 1121993

Ion	Ratio	Lower	Upper
276	100		
138	9.5	10.8	16.2#
277	25.0	20.1	30.1

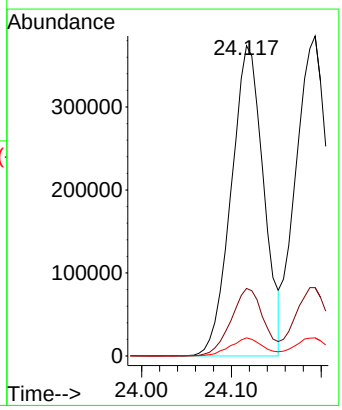


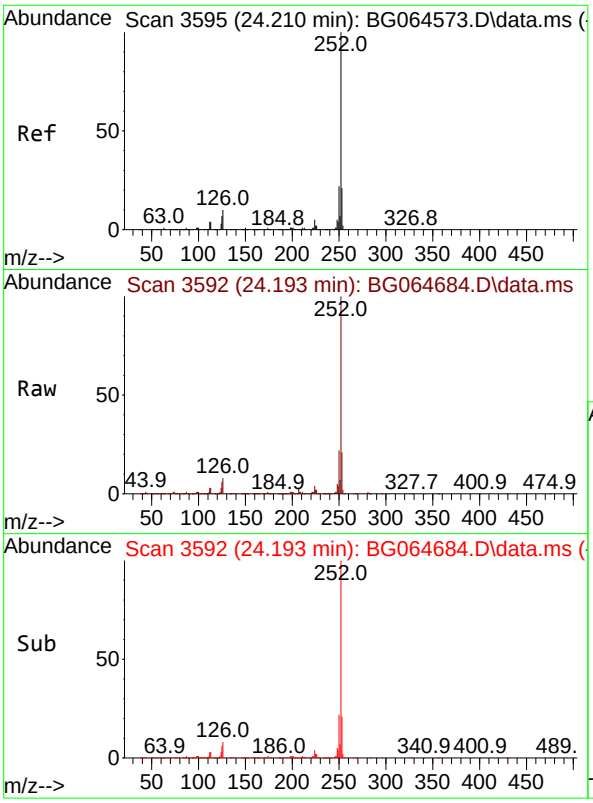


#88
Benzo(b)fluoranthene
Concen: 50.330 ng
RT: 24.117 min Scan# 3579
Delta R.T. -0.023 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:252 Resp: 936337

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.8
125	5.8	5.6	8.4



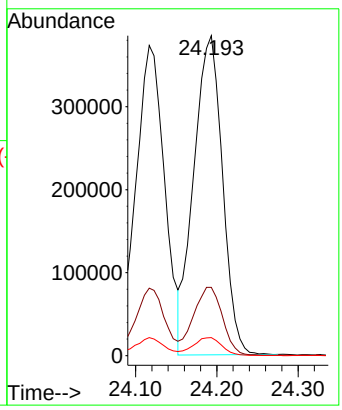


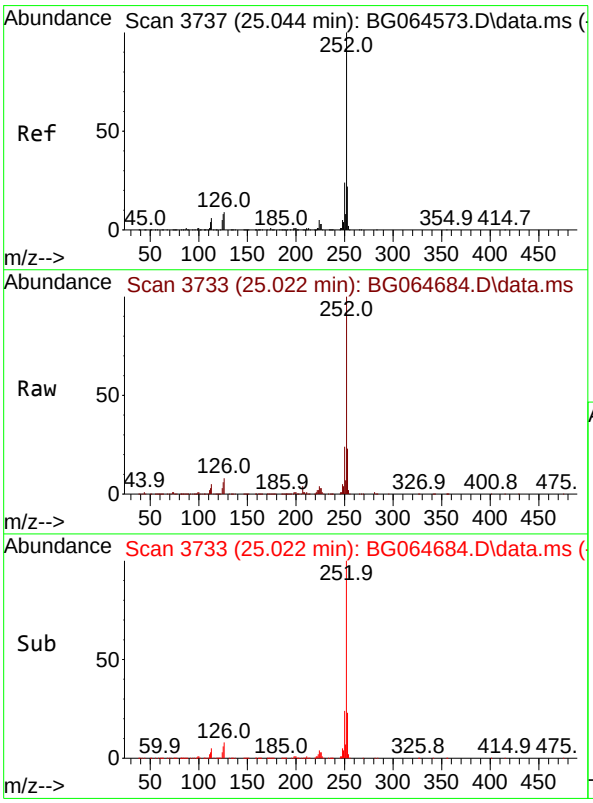
#89
Benzo(k)fluoranthene
Concen: 50.755 ng
RT: 24.193 min Scan# 3
Delta R.T. -0.017 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Tgt Ion:252 Resp: 944899

Ion	Ratio	Lower	Upper
252	100		
253	21.4	16.8	25.2
125	5.7	5.4	8.0

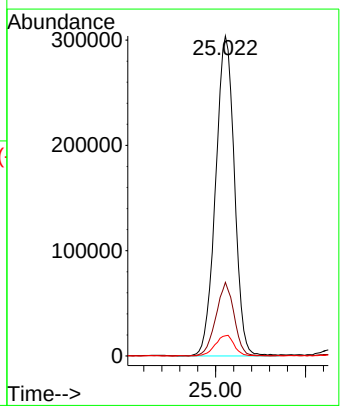


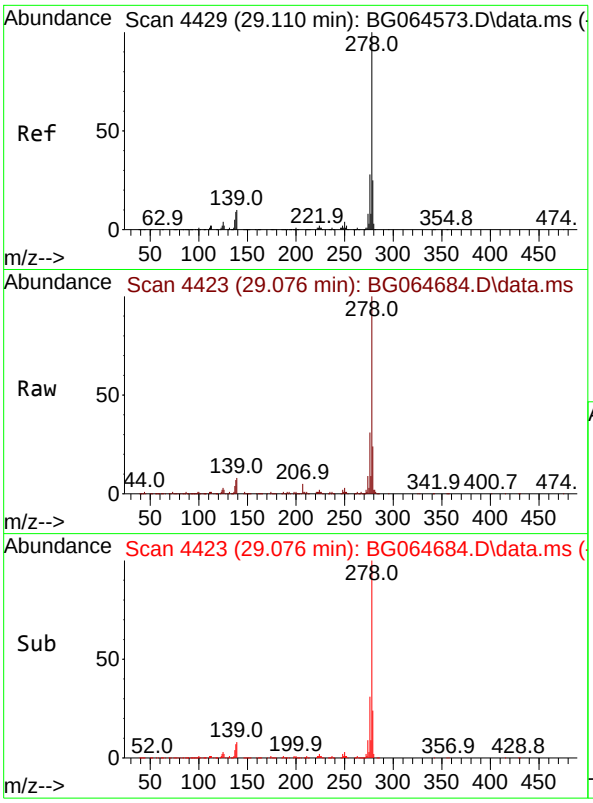


#90
Benzo(a)pyrene
Concen: 51.686 ng
RT: 25.022 min Scan# 3733
Delta R.T. -0.023 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:252 Resp: 883881

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.6	26.4
125	6.3	6.1	9.1



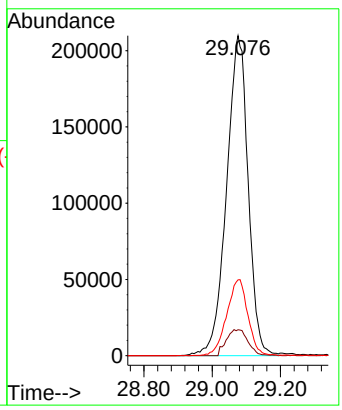


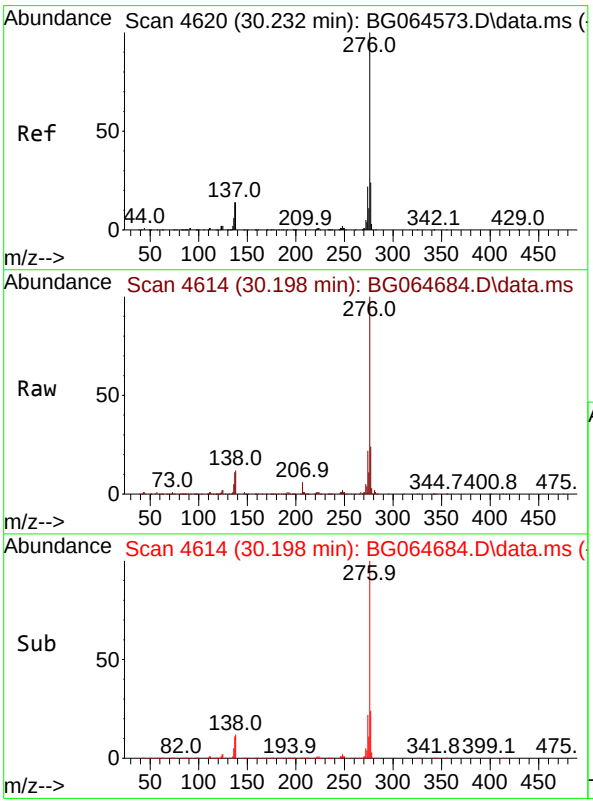
#91
Dibenzo(a,h)anthracene
Concen: 50.900 ng
RT: 29.076 min Scan# 4
Delta R.T. -0.034 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Tgt Ion:278 Resp: 922930

Ion	Ratio	Lower	Upper
278	100		
139	8.1	8.0	12.0
279	23.7	19.8	29.6

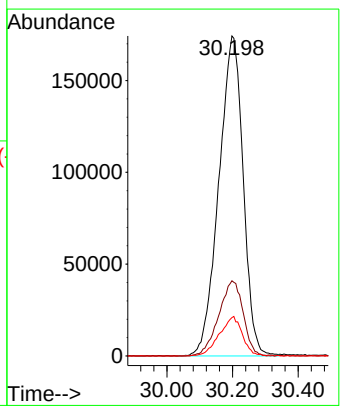




#92
Benzo(g,h,i)perylene
Concen: 51.705 ng
RT: 30.198 min Scan# 4614
Delta R.T. -0.034 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:276 Resp: 895587

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.1	28.7
138	12.0	11.3	16.9



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064685.D
Acq On : 3 Nov 2025 23:27
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Quant Time: Nov 04 00:49:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.206	152	30855	20.000	ng		-0.02
21) Naphthalene-d8	11.032	136	122138	20.000	ng		-0.02
39) Acenaphthene-d10	14.833	164	95662	20.000	ng		-0.01
64) Phenanthrene-d10	17.565	188	243103	20.000	ng		-0.02
76) Chrysene-d12	21.843	240	294757	20.000	ng		#-0.02
86) Perylene-d12	25.174	264	329770	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.738	112	150485	81.863	ng		-0.01
7) Phenol-d6	7.348	99	208879	82.807	ng		0.00
23) Nitrobenzene-d5	9.375	82	201607	99.142	ng		-0.01
42) 2,4,6-Tribromophenol	16.308	330	147621	106.918	ng		-0.01
45) 2-Fluorobiphenyl	13.458	172	551792	87.430	ng		-0.02
79) Terphenyl-d14	20.156	244	1281241	82.031	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.576	88	26254	32.259	ng		98
3) Pyridine	3.987	79	80100	32.774	ng		97
4) n-Nitrosodimethylamine	3.893	42	43569	33.243	ng		92
6) Aniline	7.518	93	131285	38.249	ng		97
8) 2-Chlorophenol	7.771	128	84599	43.968	ng		93
9) Benzaldehyde	7.330	77	55132	40.034	ng		94
10) Phenol	7.377	94	114223	40.946	ng		95
11) bis(2-Chloroethyl)ether	7.612	93	80062	39.036	ng		92
12) 1,3-Dichlorobenzene	8.100	146	91863	41.481	ng		97
13) 1,4-Dichlorobenzene	8.247	146	93465	41.507	ng		94
14) 1,2-Dichlorobenzene	8.564	146	89760	41.328	ng		99
15) Benzyl Alcohol	8.441	79	83046	39.924	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.729	45	197507	36.712	ng		100
17) 2-Methylphenol	8.640	107	76108	41.092	ng		97
18) Hexachloroethane	9.310	117	34204	43.285	ng		88
19) n-Nitroso-di-n-propyla...	9.016	70	67215	38.557	ng		97
20) 3+4-Methylphenols	8.969	107	106811	41.007	ng		96
22) Acetophenone	9.034	105	133651	40.030	ng	#	94
24) Nitrobenzene	9.416	77	103805	46.933	ng		97
25) Isophorone	9.945	82	191447	39.235	ng		99
26) 2-Nitrophenol	10.133	139	47171	54.801	ng	#	90
27) 2,4-Dimethylphenol	10.186	122	76353	42.067	ng		97
28) bis(2-Chloroethoxy)met...	10.421	93	109390	39.374	ng		99
29) 2,4-Dichlorophenol	10.673	162	92909	47.564	ng		99
30) 1,2,4-Trichlorobenzene	10.891	180	102059	45.985	ng		99
31) Naphthalene	11.085	128	283888	41.922	ng		99
32) Benzoic acid	10.286	122	42913	33.143	ng		90
33) 4-Chloroaniline	11.179	127	108182	41.102	ng		95
34) Hexachlorobutadiene	11.378	225	82314	47.425	ng		97
35) Caprolactam	11.948	113	26817	35.795	ng		95
36) 4-Chloro-3-methylphenol	12.289	107	104917	44.685	ng		96
37) 2-Methylnaphthalene	12.677	142	214229	43.089	ng		98
38) 1-Methylnaphthalene	12.677	142	214229	43.526	ng		95
40) 1,2,4,5-Tetrachloroben...	13.041	216	149007	46.413	ng		99
41) Hexachlorocyclopentadiene	13.024	237	73412	50.802	ng		99
43) 2,4,6-Trichlorophenol	13.270	196	89643	48.814	ng		99

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064685.D
Acq On : 3 Nov 2025 23:27
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Quant Time: Nov 04 00:49:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

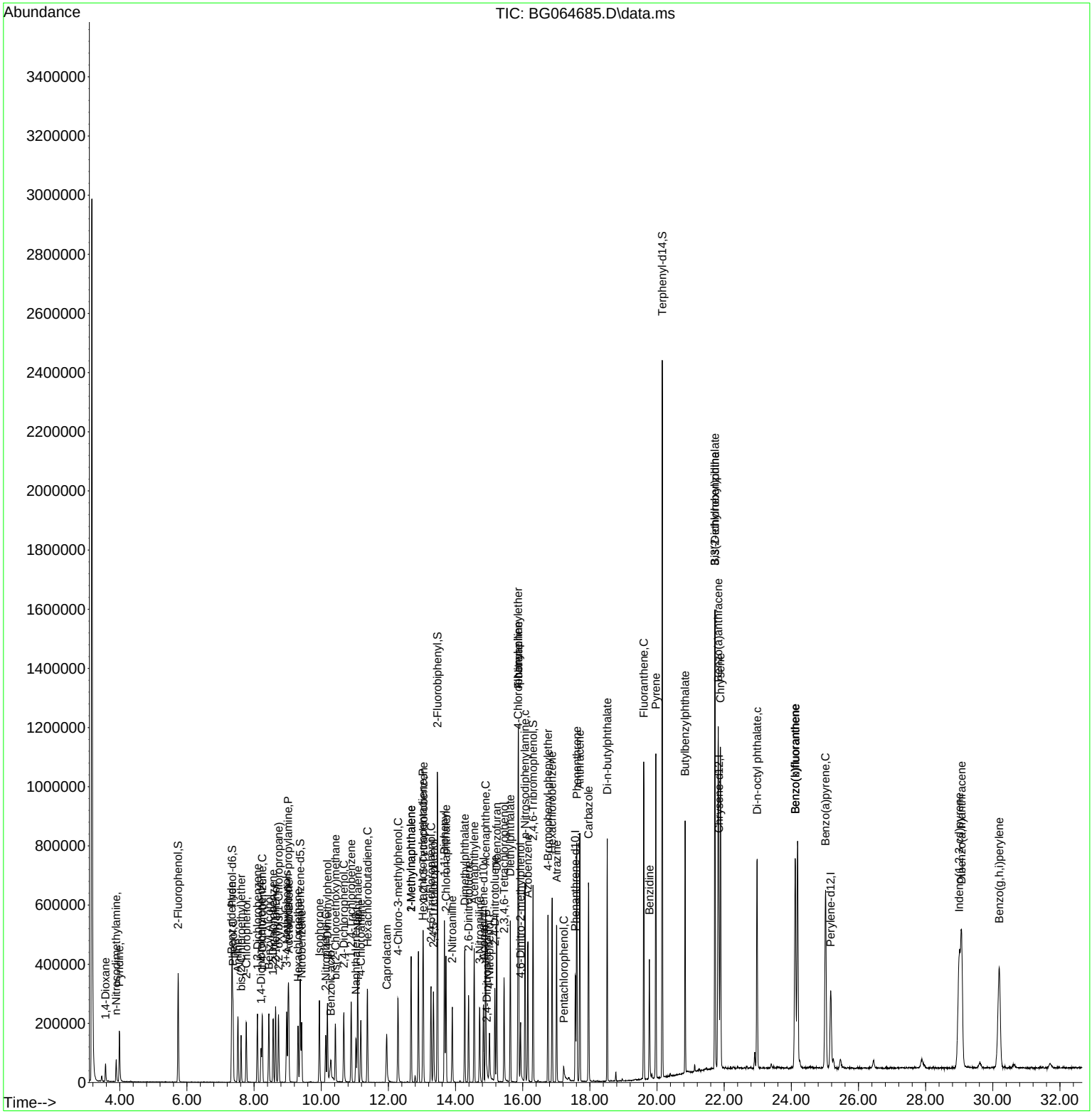
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.341	196	96961	45.753	ng		96
46) 1,1'-Biphenyl	13.670	154	285351	41.958	ng		98
47) 2-Chloronaphthalene	13.717	162	218692	42.601	ng		99
48) 2-Nitroaniline	13.905	65	78350	45.634	ng		95
49) Acenaphthylene	14.557	152	345537	42.673	ng		99
50) Dimethylphthalate	14.275	163	309589	42.293	ng		99
51) 2,6-Dinitrotoluene	14.387	165	60583	50.015	ng		94
52) Acenaphthene	14.898	154	239100	43.220	ng		97
53) 3-Nitroaniline	14.722	138	65642	52.180	ng	#	93
54) 2,4-Dinitrophenol	14.933	184	26837	39.260	ng	#	26
55) Dibenzofuran	15.227	168	381052	42.605	ng		98
56) 4-Nitrophenol	15.009	139	41923	35.944	ng		89
57) 2,4-Dinitrotoluene	15.174	165	92929	49.650	ng	#	93
58) Fluorene	15.873	166	298932	42.797	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.444	232	91089	44.949	ng		97
60) Diethylphthalate	15.632	149	307182	41.099	ng		99
61) 4-Chlorophenyl-phenyle...	15.861	204	180066	45.937	ng		100
62) 4-Nitroaniline	15.873	138	68841	49.189	ng		93
63) Azobenzene	16.155	77	269112	39.242	ng		96
65) 4,6-Dinitro-2-methylph...	15.938	198	56131	51.966	ng		98
66) n-Nitrosodiphenylamine	16.067	169	271409	41.330	ng		97
67) 4-Bromophenyl-phenylether	16.754	248	130859	45.424	ng		97
68) Hexachlorobenzene	16.878	284	150702	45.854	ng		94
69) Atrazine	17.013	200	116929	41.377	ng		98
70) Pentachlorophenol	17.224	266	21651	10.564	ng		96
71) Phenanthrene	17.612	178	547994	41.220	ng		99
72) Anthracene	17.700	178	558940	41.331	ng		99
73) Carbazole	17.959	167	480205	40.268	ng		98
74) Di-n-butylphthalate	18.517	149	561642	40.728	ng		100
75) Fluoranthene	19.604	202	713230	42.825	ng		98
77) Benzidine	19.774	184	283911	42.992	ng		100
78) Pyrene	19.968	202	747048	38.792	ng		99
80) Butylbenzylphthalate	20.838	149	256583	44.083	ng		94
81) Benzo(a)anthracene	21.825	228	814427	41.671	ng		100
82) 3,3'-Dichlorobenzidine	21.725	252	282119	43.227	ng		96
83) Chrysene	21.890	228	775795	41.717	ng		99
84) Bis(2-ethylhexyl)phtha...	21.725	149	368167	42.332	ng		98
85) Di-n-octyl phthalate	22.982	149	638122	43.518	ng		97
87) Indeno(1,2,3-cd)pyrene	28.999	276	998323	41.153	ng	#	78
88) Benzo(b)fluoranthene	24.116	252	832816	41.185	ng		99
89) Benzo(k)fluoranthene	24.116	252	832816	41.157	ng		97
90) Benzo(a)pyrene	25.021	252	770578	41.456	ng		99
91) Dibenzo(a,h)anthracene	29.069	278	818493	41.530	ng		97
92) Benzo(g,h,i)perylene	30.192	276	775096	41.169	ng		96

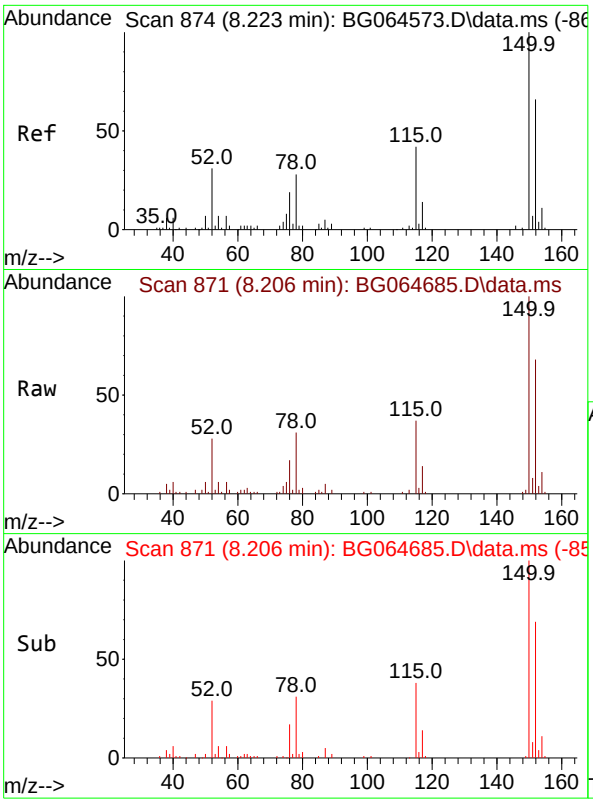
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064685.D
Acq On : 3 Nov 2025 23:27
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Quant Time: Nov 04 00:49:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration



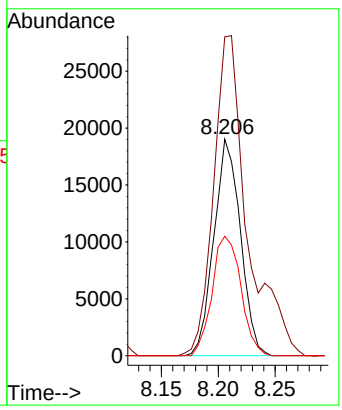


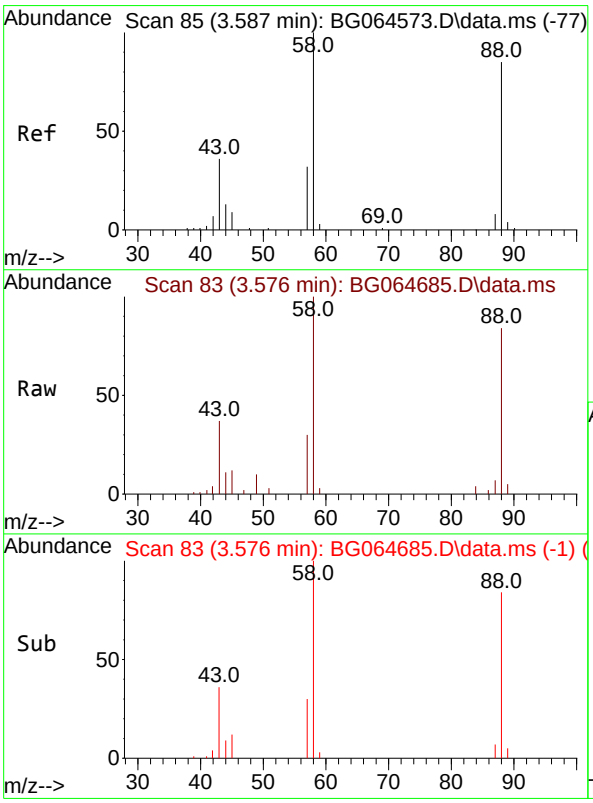
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.206 min Scan# 8
Delta R.T. -0.017 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:152 Resp: 30855

Ion	Ratio	Lower	Upper
152	100		
150	147.3	122.2	183.4
115	55.1	50.8	76.2

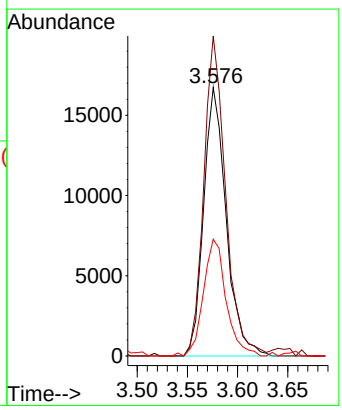


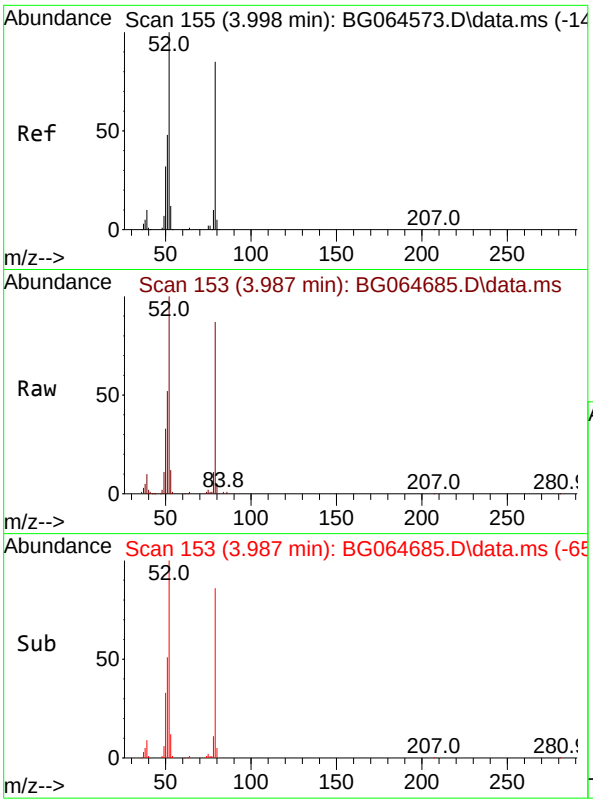


#2
1,4-Dioxane
Concen: 32.259 ng
RT: 3.576 min Scan# 83
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion: 88 Resp: 26254

Ion	Ratio	Lower	Upper
88	100		
58	114.3	92.4	138.6
43	43.6	33.0	49.6



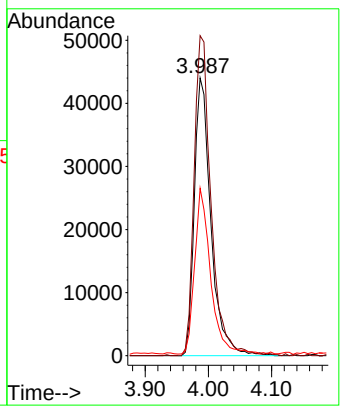


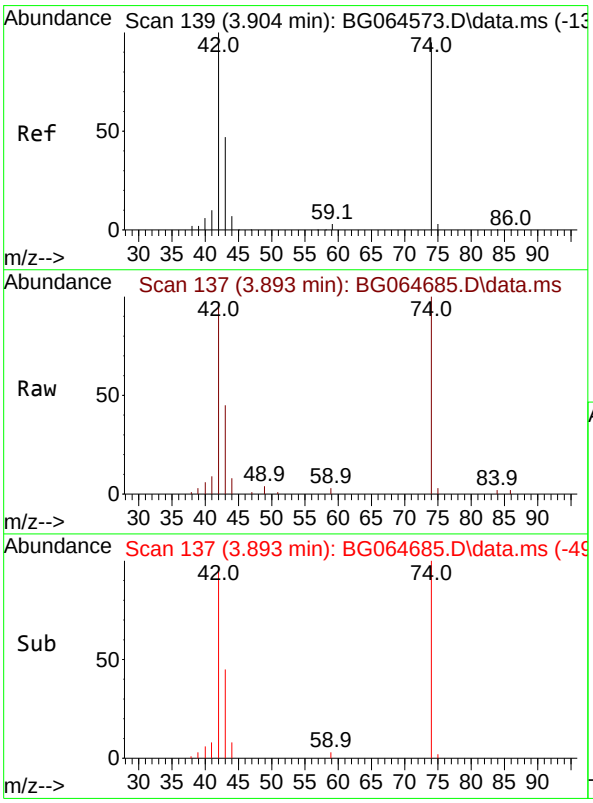
#3
Pyridine
Concen: 32.774 ng
RT: 3.987 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 79 Resp: 80100

Ion	Ratio	Lower	Upper
79	100		
52	115.2	94.2	141.2
51	60.3	46.1	69.1

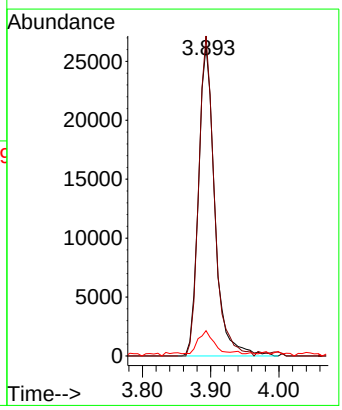


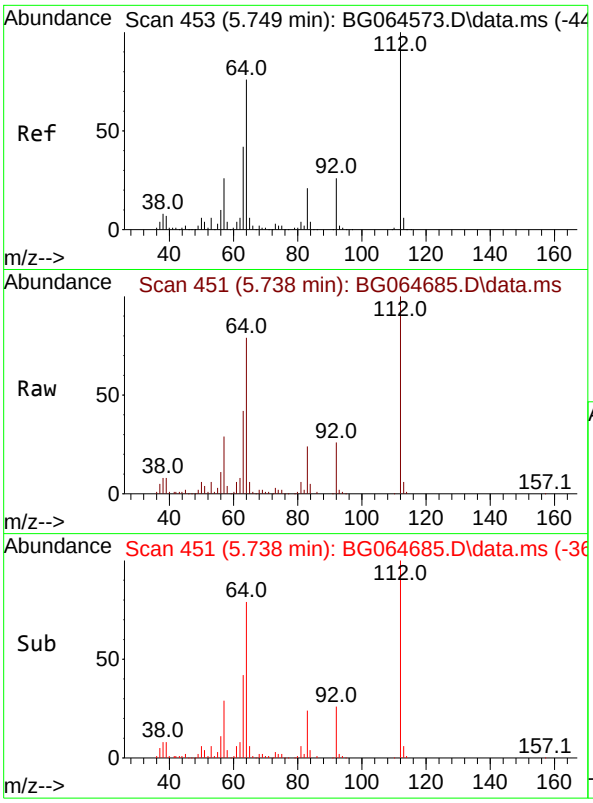


#4
n-Nitrosodimethylamine
Concen: 33.243 ng
RT: 3.893 min Scan# 137
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion: 42 Resp: 43569

Ion	Ratio	Lower	Upper
42	100		
74	103.2	76.1	114.1
44	8.1	6.3	9.5



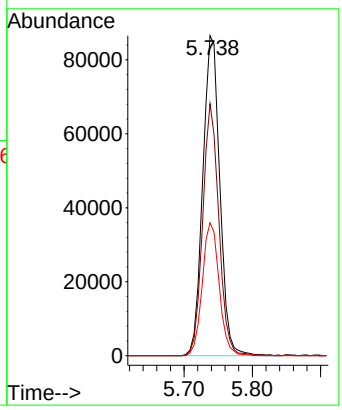


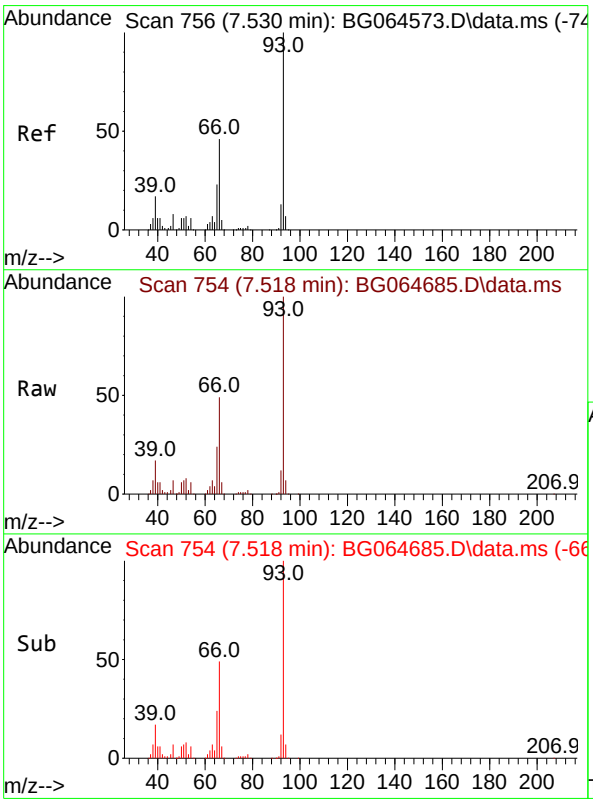
#5
2-Fluorophenol
Concen: 81.863 ng
RT: 5.738 min Scan# 4
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:112 Resp: 150485

Ion	Ratio	Lower	Upper
112	100		
64	78.7	60.7	91.1
63	41.6	33.4	50.0

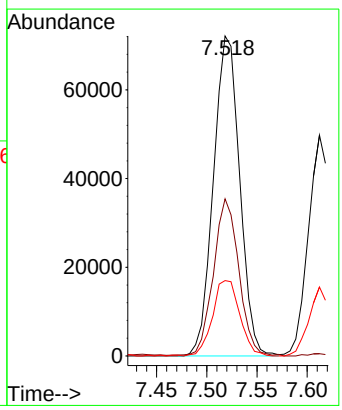


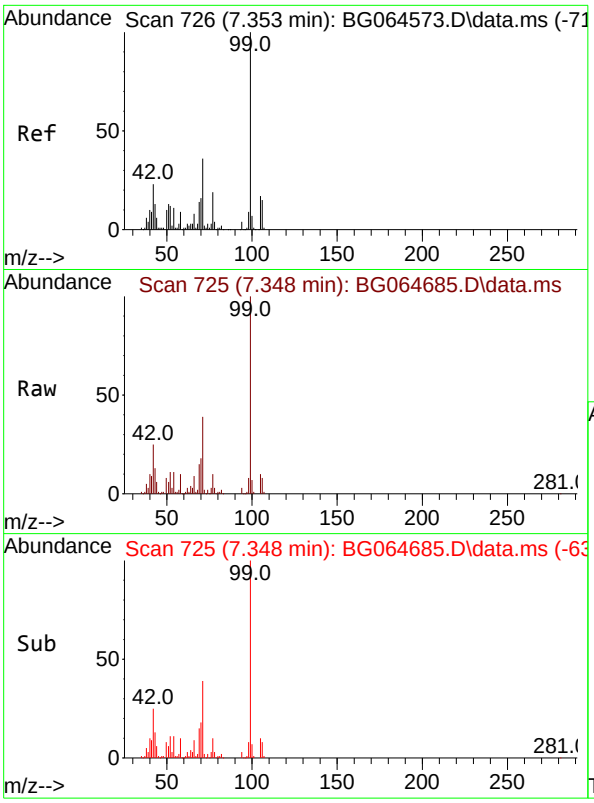


#6
Aniline
Concen: 38.249 ng
RT: 7.518 min Scan# 754
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion: 93 Resp: 131285

Ion	Ratio	Lower	Upper
93	100		
66	49.1	37.0	55.6
65	23.6	18.3	27.5



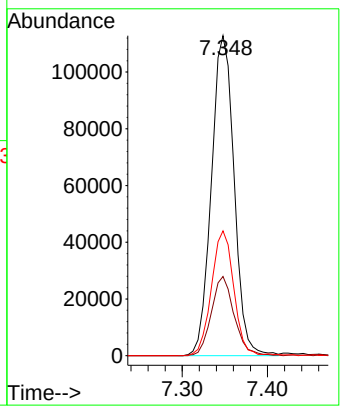


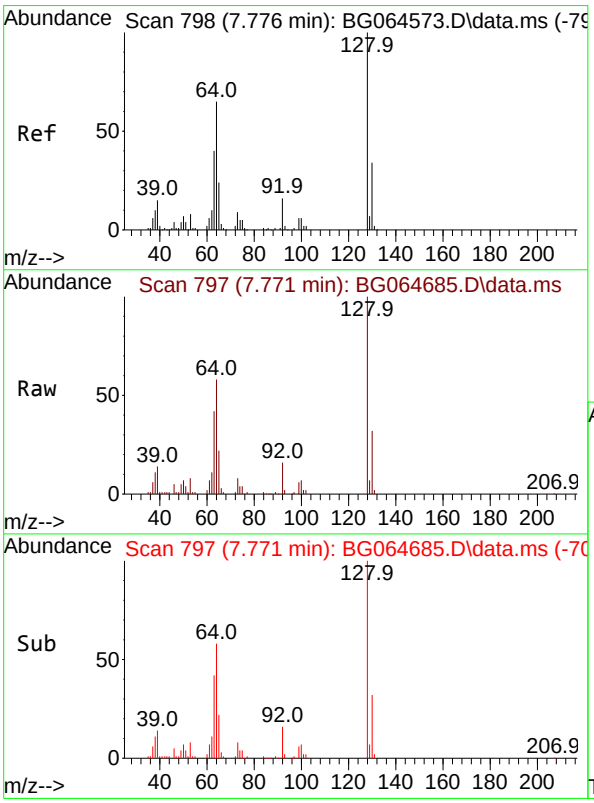
#7
Phenol-d6
Concen: 82.807 ng
RT: 7.348 min Scan# 7
Delta R.T. -0.005 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 99 Resp: 208879

Ion	Ratio	Lower	Upper
99	100		
42	24.7	18.3	27.5
71	39.0	28.6	43.0

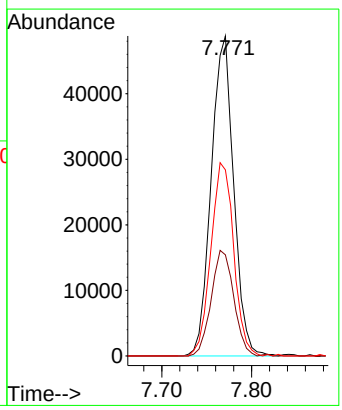


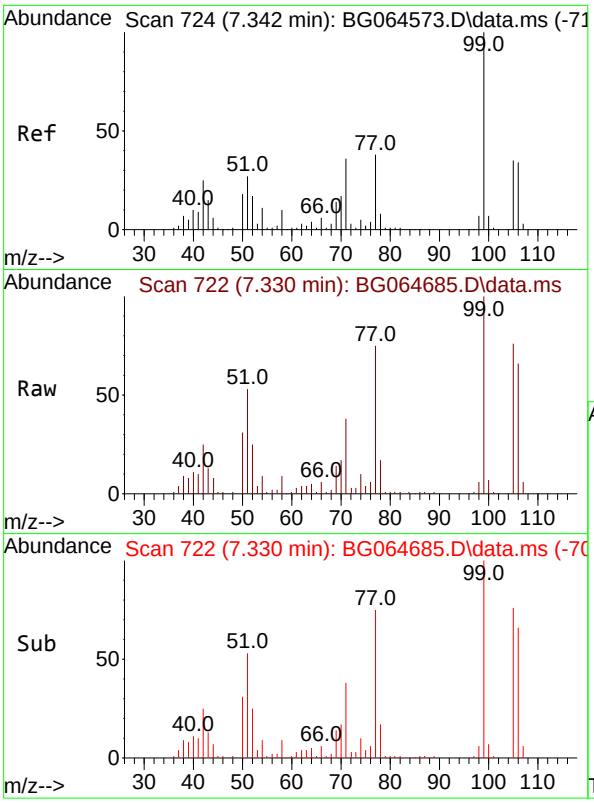


#8
2-Chlorophenol
Concen: 43.968 ng
RT: 7.771 min Scan# 797
Delta R.T. -0.005 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:128 Resp: 84599

Ion	Ratio	Lower	Upper
128	100		
130	31.6	13.5	53.5
64	58.1	45.2	85.2



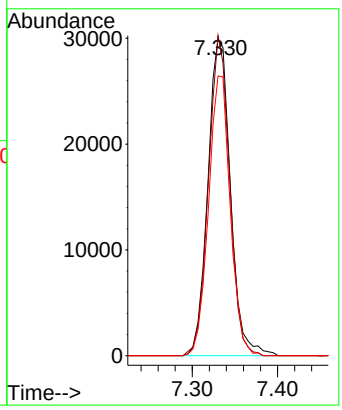


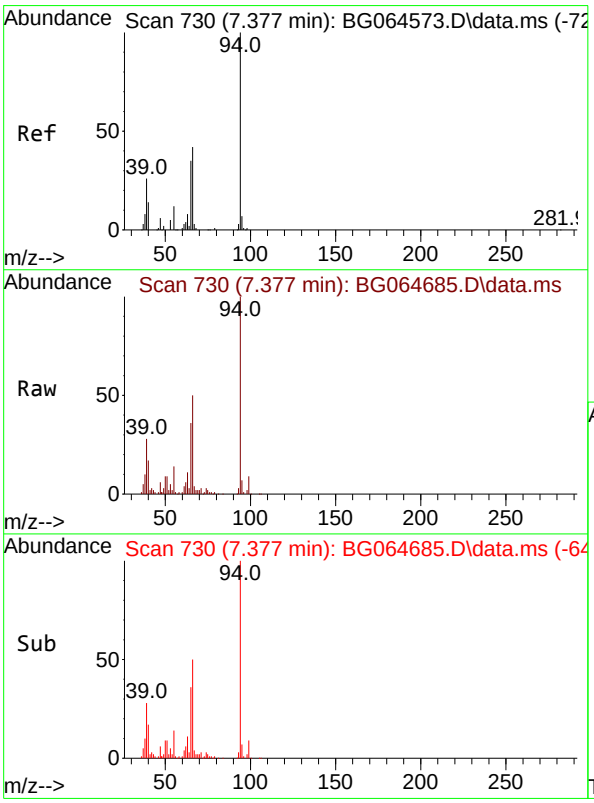
#9
Benzaldehyde
Concen: 40.034 ng
RT: 7.330 min Scan# 7
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 77 Resp: 55132

Ion	Ratio	Lower	Upper
77	100		
105	100.9	72.9	112.9
106	88.2	70.8	110.8

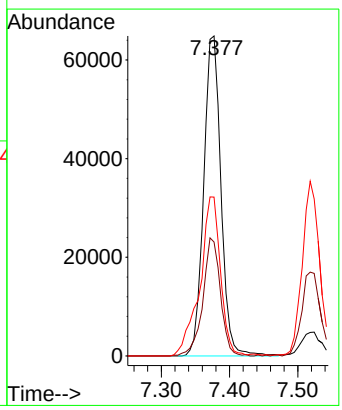


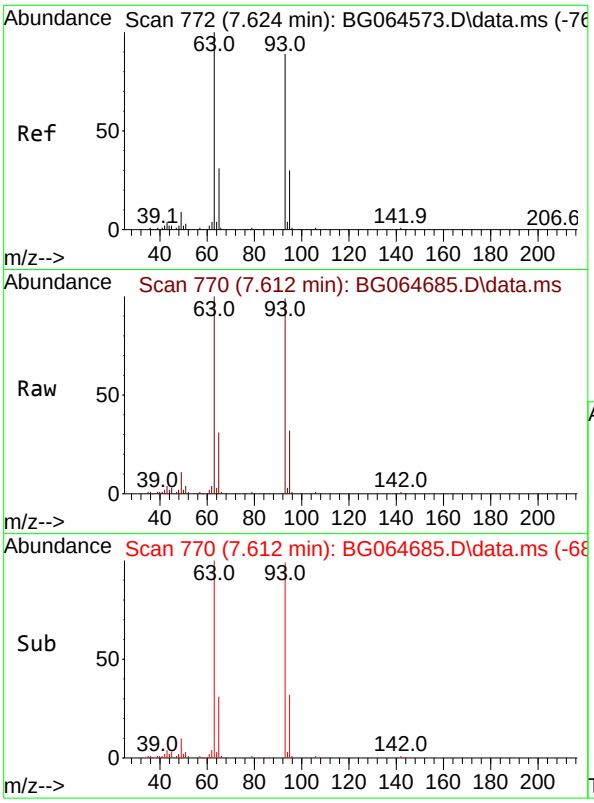


#10
Phenol
Concen: 40.946 ng
RT: 7.377 min Scan# 730
Delta R.T. 0.000 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion: 94 Resp: 114223

Ion	Ratio	Lower	Upper
94	100		
65	35.6	15.8	55.8
66	49.7	24.0	64.0



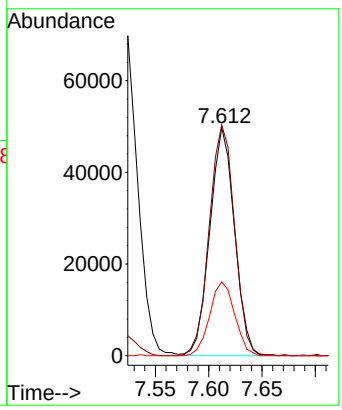


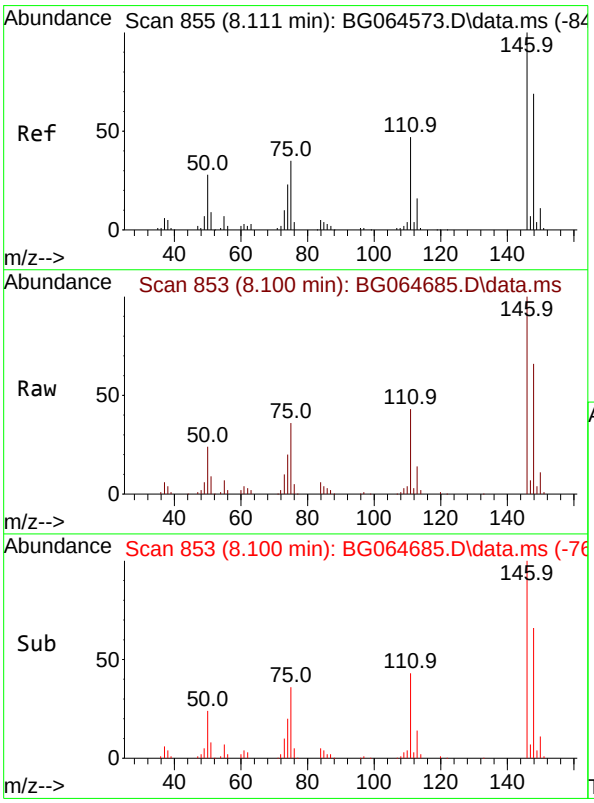
#11
bis(2-Chloroethyl)ether
Concen: 39.036 ng
RT: 7.612 min Scan# 7
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 93 Resp: 80062

Ion	Ratio	Lower	Upper
93	100		
63	101.1	91.3	131.3
95	32.4	13.3	53.3

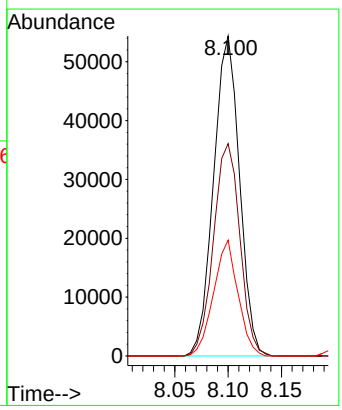


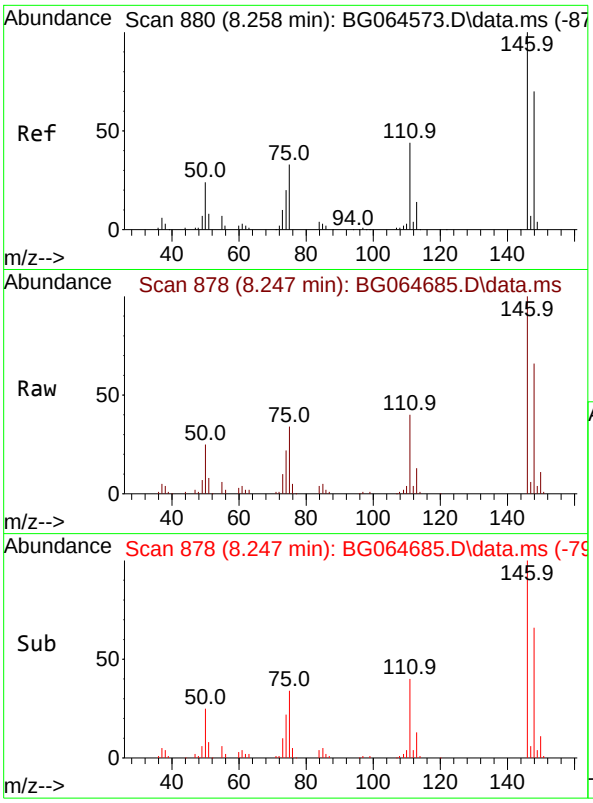


#12
1,3-Dichlorobenzene
Concen: 41.481 ng
RT: 8.100 min Scan# 853
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:146 Resp: 91863

Ion	Ratio	Lower	Upper
146	100		
148	66.3	55.3	82.9
75	36.2	28.2	42.2



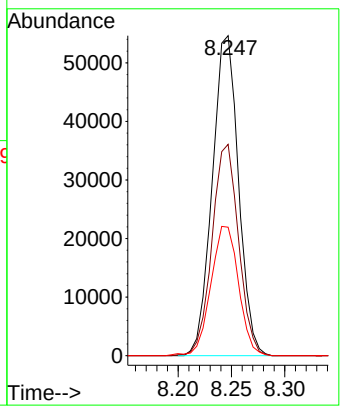


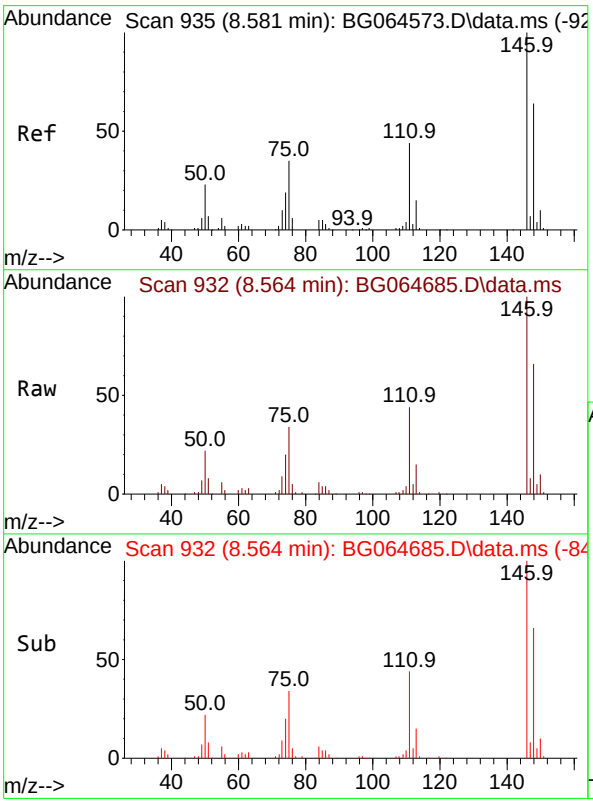
#13
1,4-Dichlorobenzene
Concen: 41.507 ng
RT: 8.247 min Scan# 8
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:146 Resp: 93465

Ion	Ratio	Lower	Upper
146	100		
148	66.0	56.2	84.4
111	40.1	35.4	53.0

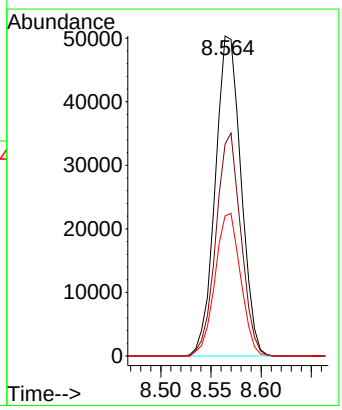


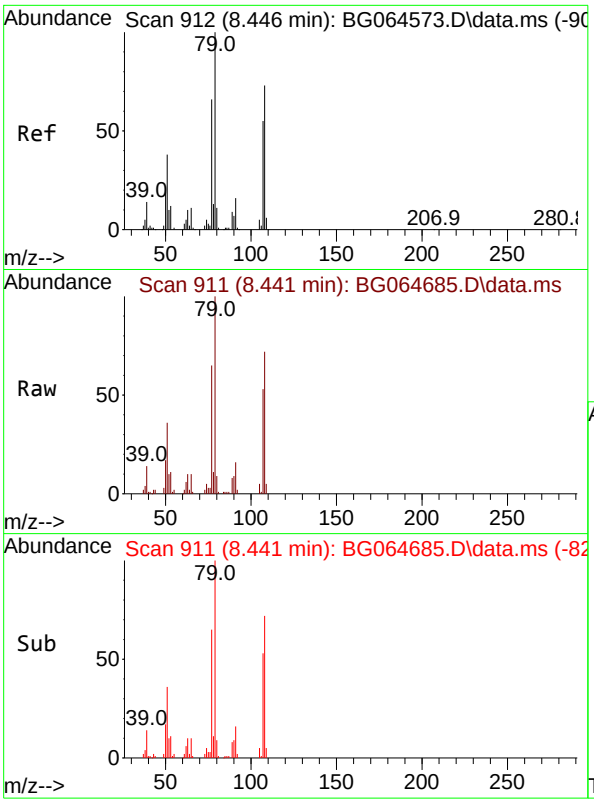


#14
1,2-Dichlorobenzene
Concen: 41.328 ng
RT: 8.564 min Scan# 932
Delta R.T. -0.017 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:146 Resp: 89760

Ion	Ratio	Lower	Upper
146	100		
148	66.2	51.5	77.3
111	43.8	35.0	52.6



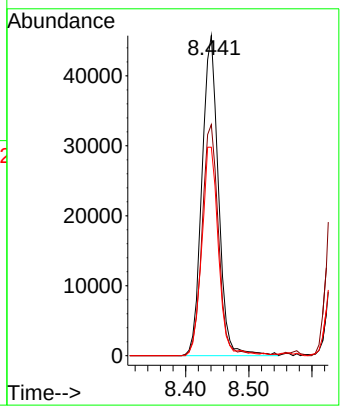


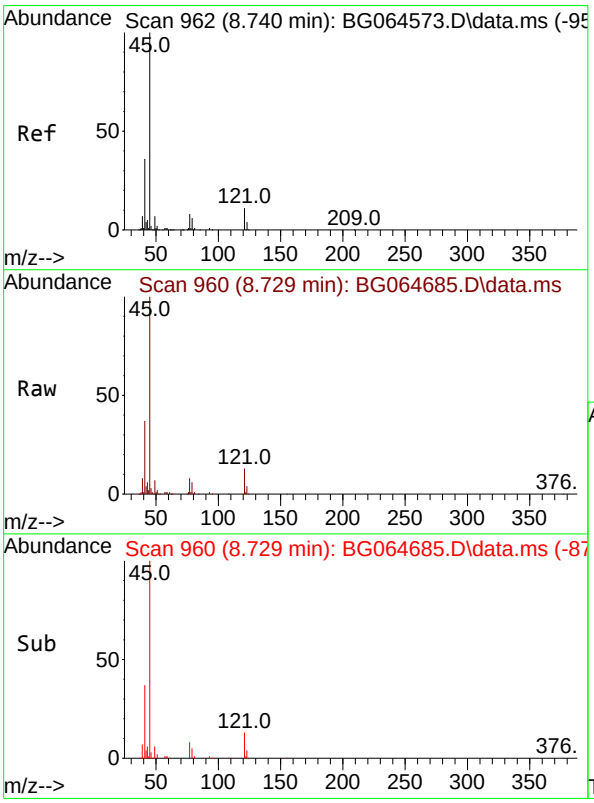
#15
Benzyl Alcohol
Concen: 39.924 ng
RT: 8.441 min Scan# 9
Delta R.T. -0.005 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 79 Resp: 83046

Ion	Ratio	Lower	Upper
79	100		
108	72.2	58.1	87.1
77	65.2	52.8	79.2

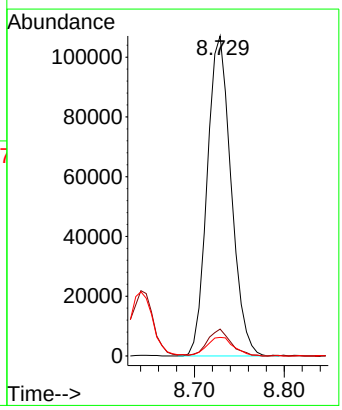


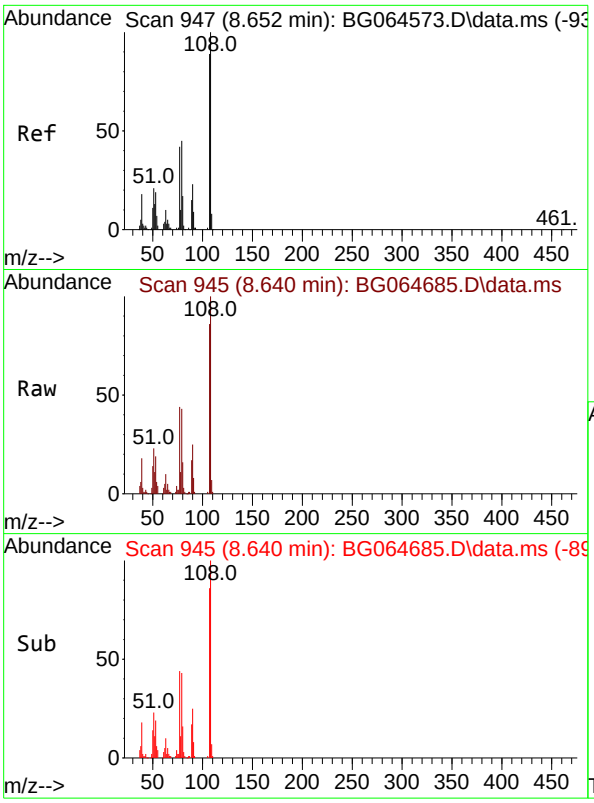


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.712 ng
RT: 8.729 min Scan# 960
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion: 45 Resp: 197507

Ion	Ratio	Lower	Upper
45	100		
77	8.4	0.0	28.5
79	5.8	0.0	25.6



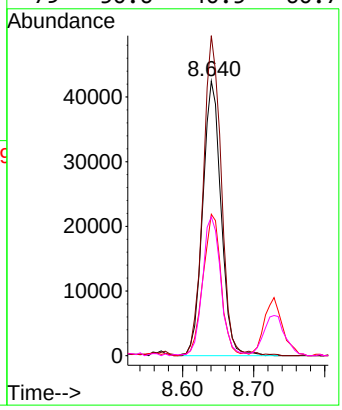


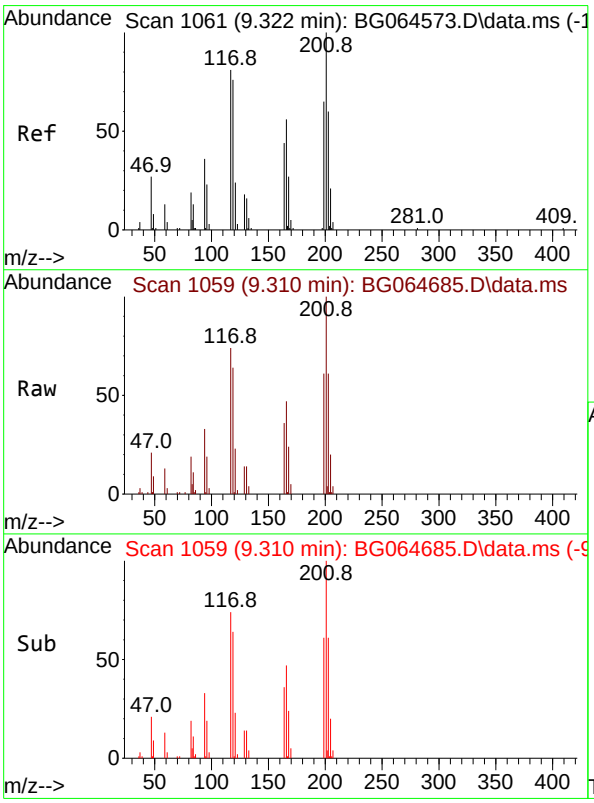
#17
2-Methylphenol
Concen: 41.092 ng
RT: 8.640 min Scan# 94
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:107 Resp: 76108

Ion	Ratio	Lower	Upper
107	100		
108	116.5	90.0	135.0
77	51.5	37.8	56.8
79	50.6	40.5	60.7

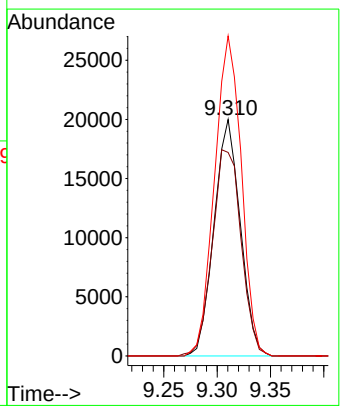


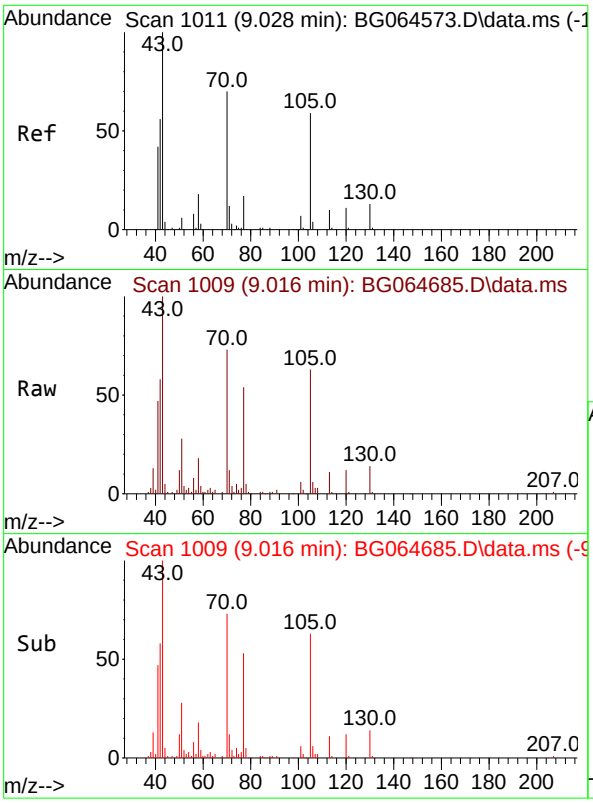


#18
Hexachloroethane
Concen: 43.285 ng
RT: 9.310 min Scan# 1059
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:117 Resp: 34204

Ion	Ratio	Lower	Upper
117	100		
119	86.0	75.4	113.2
201	140.0	99.2	148.8



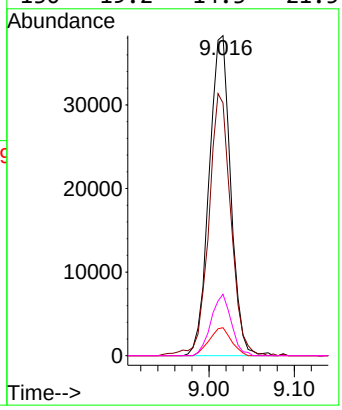


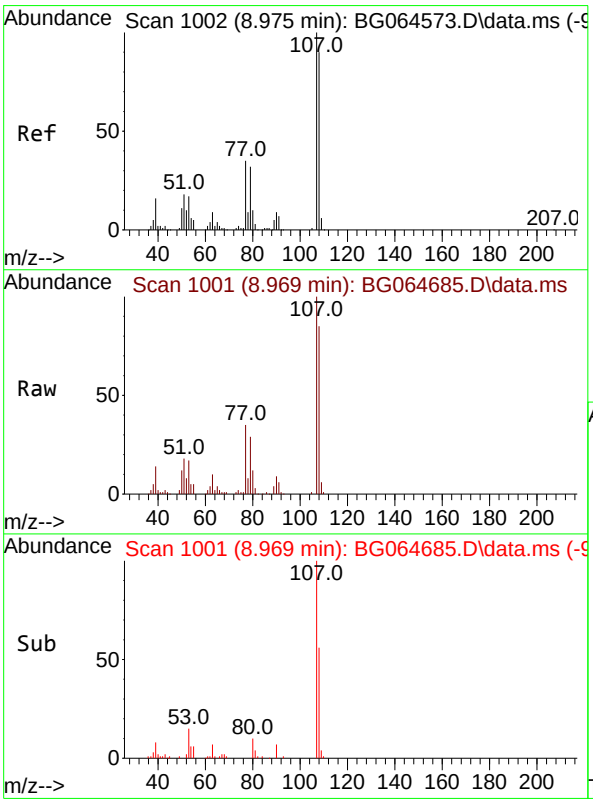
#19
n-Nitroso-di-n-propylamine
Concen: 38.557 ng
RT: 9.016 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 70 Resp: 67215

Ion	Ratio	Lower	Upper
70	100		
42	78.9	65.2	97.8
101	8.7	7.9	11.9
130	19.2	14.3	21.5

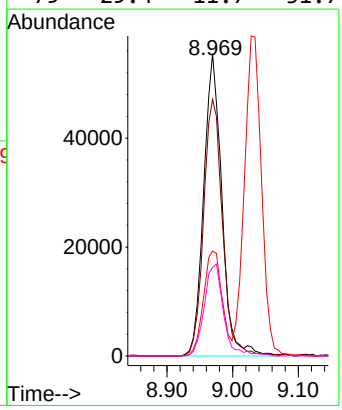


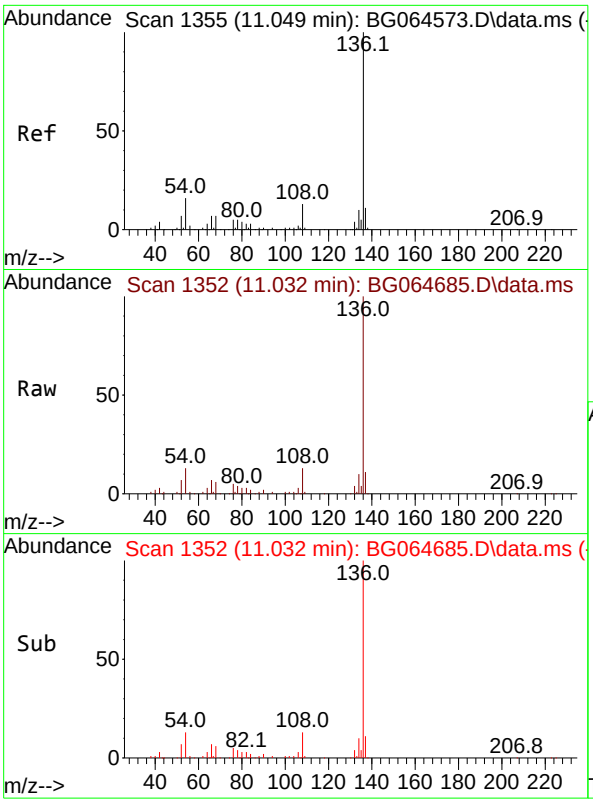


#20
3+4-Methylphenols
Concen: 41.007 ng
RT: 8.969 min Scan# 1001
Delta R.T. -0.005 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:107 Resp: 106811

Ion	Ratio	Lower	Upper
107	100		
108	84.9	70.3	110.3
77	34.7	14.6	54.6
79	29.4	11.7	51.7



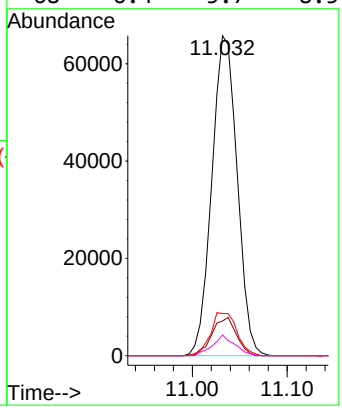


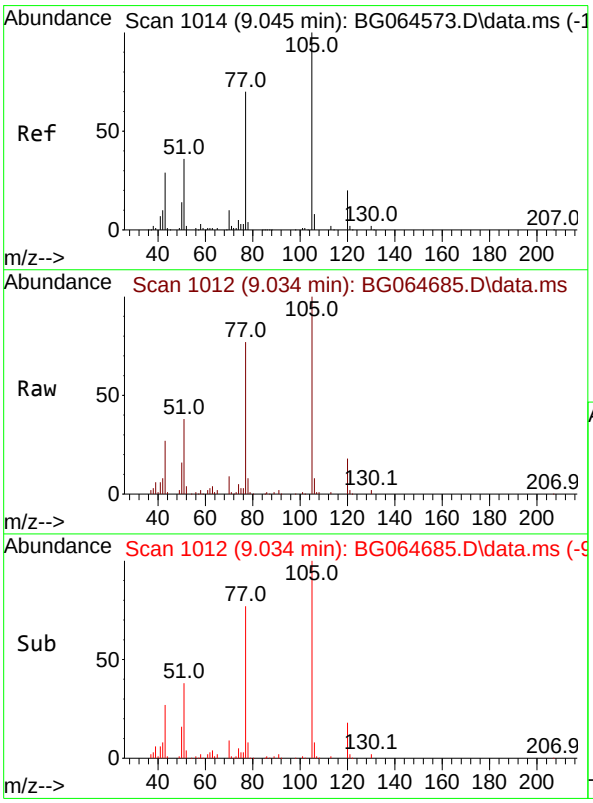
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.032 min Scan# 1
Delta R.T. -0.017 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:136 Resp: 122138

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	13.2	12.6	19.0
68	6.4	5.7	8.5

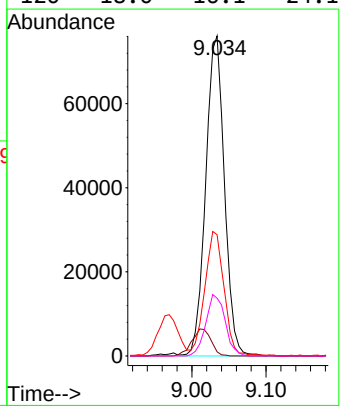


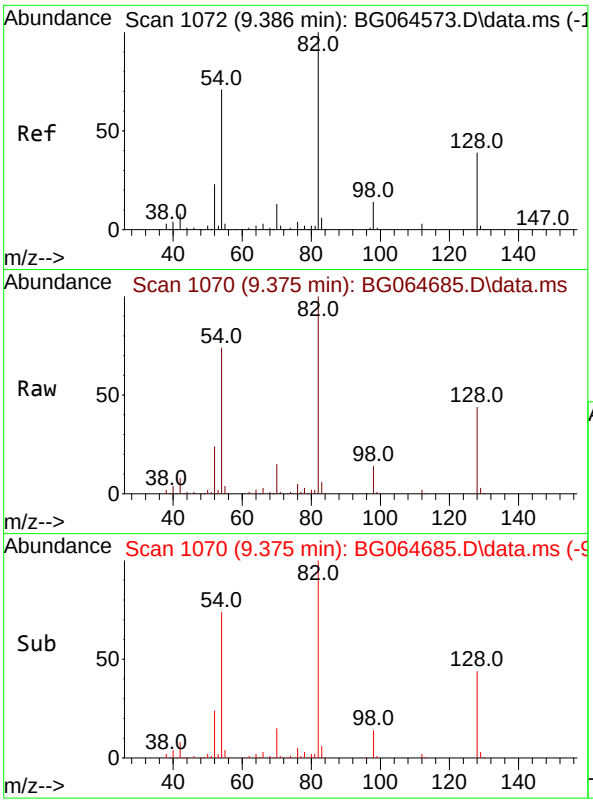


#22
Acetophenone
Concen: 40.030 ng
RT: 9.034 min Scan# 1012
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:105 Resp: 133651

Ion	Ratio	Lower	Upper
105	100		
71	1.3	1.5	2.3#
51	37.9	33.7	50.5
120	18.0	16.1	24.1



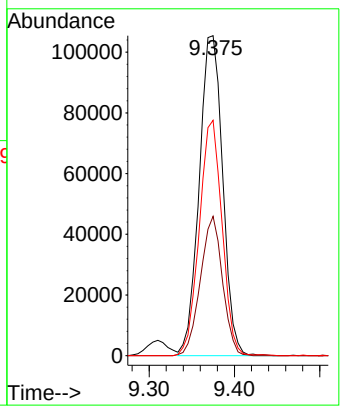


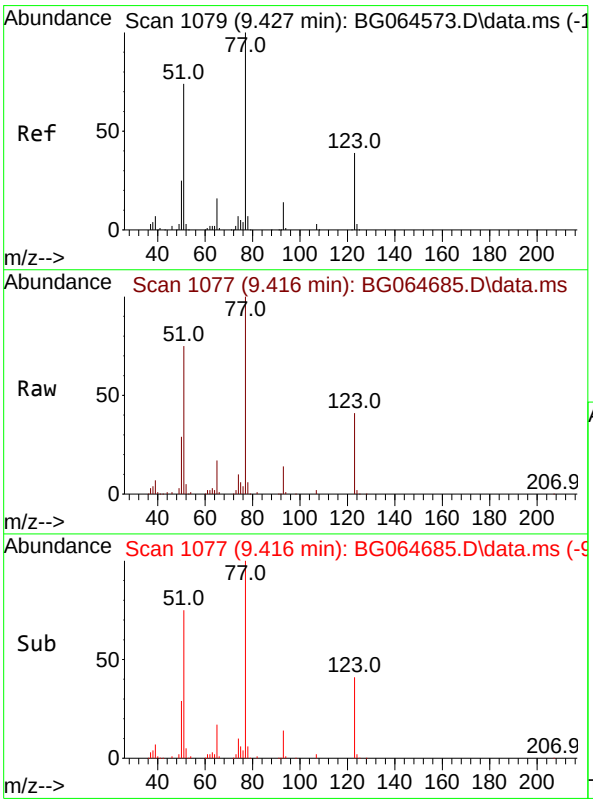
#23
Nitrobenzene-d5
Concen: 99.142 ng
RT: 9.375 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 82 Resp: 201607

Ion	Ratio	Lower	Upper
82	100		
128	43.6	31.3	46.9
54	73.6	56.6	84.8

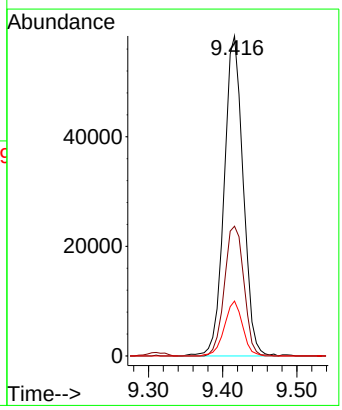


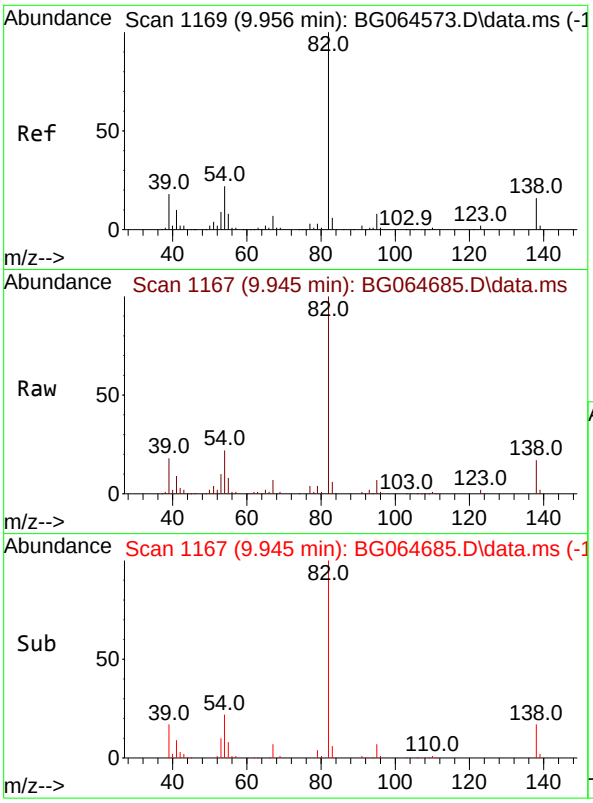


#24
Nitrobenzene
Concen: 46.933 ng
RT: 9.416 min Scan# 1077
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion: 77 Resp: 103805

Ion	Ratio	Lower	Upper
77	100		
123	40.5	31.0	46.6
65	17.2	12.7	19.1



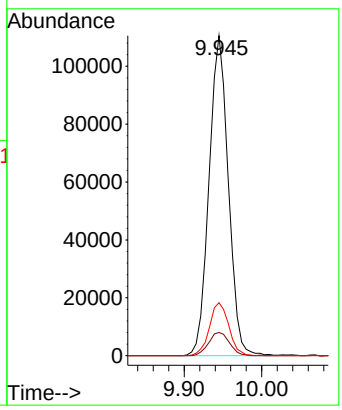


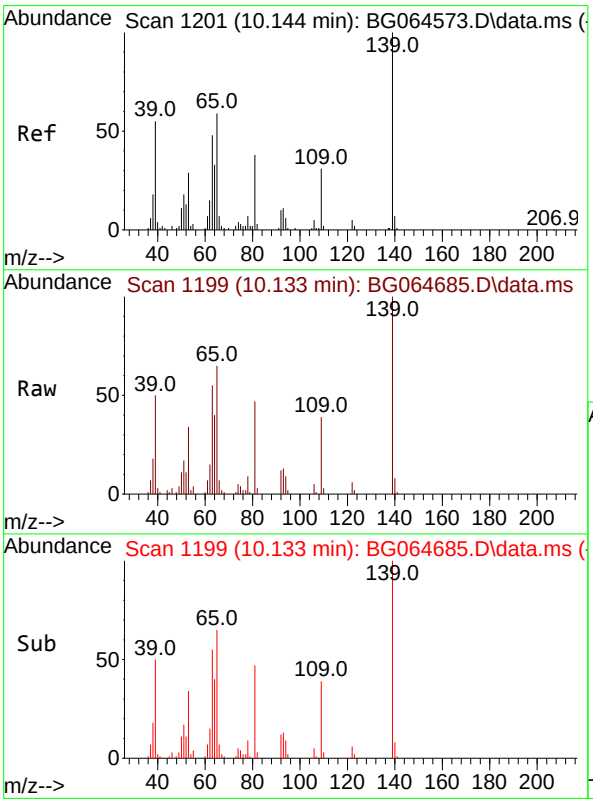
#25
Isophorone
Concen: 39.235 ng
RT: 9.945 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 82 Resp: 191447

Ion	Ratio	Lower	Upper
82	100		
95	7.3	6.1	9.1
138	16.6	13.0	19.4

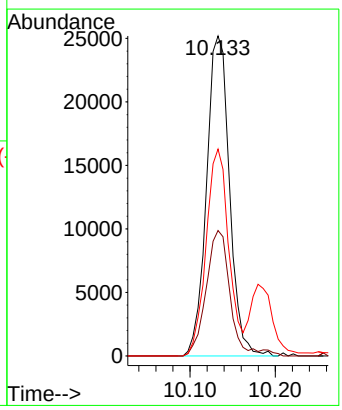


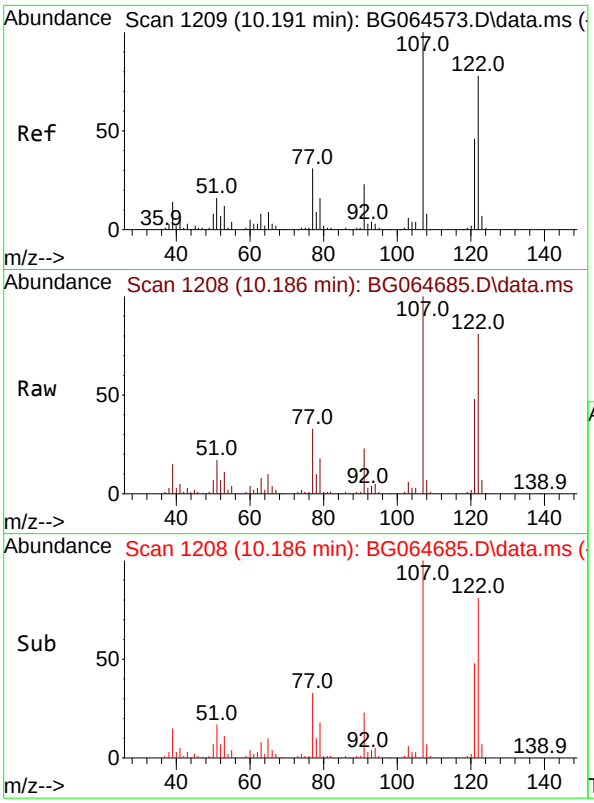


#26
2-Nitrophenol
Concen: 54.801 ng
RT: 10.133 min Scan# 1199
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:139 Resp: 47171

Ion	Ratio	Lower	Upper
139	100		
109	39.2	24.6	37.0#
65	64.6	47.5	71.3



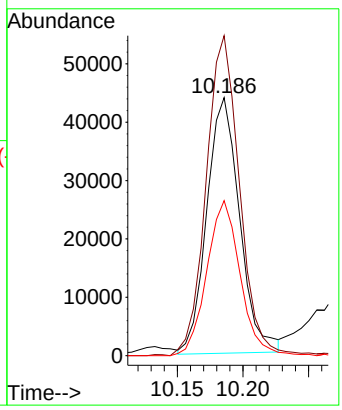


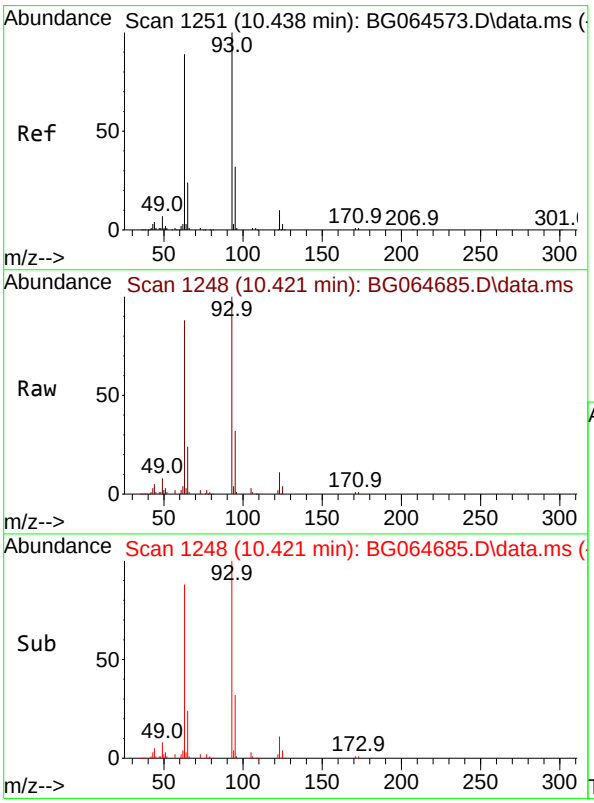
#27
2,4-Dimethylphenol
Concen: 42.067 ng
RT: 10.186 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:122 Resp: 76353

Ion	Ratio	Lower	Upper
122	100		
107	124.0	103.0	154.4
121	60.1	47.8	71.8

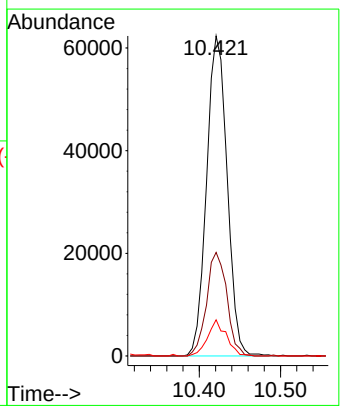


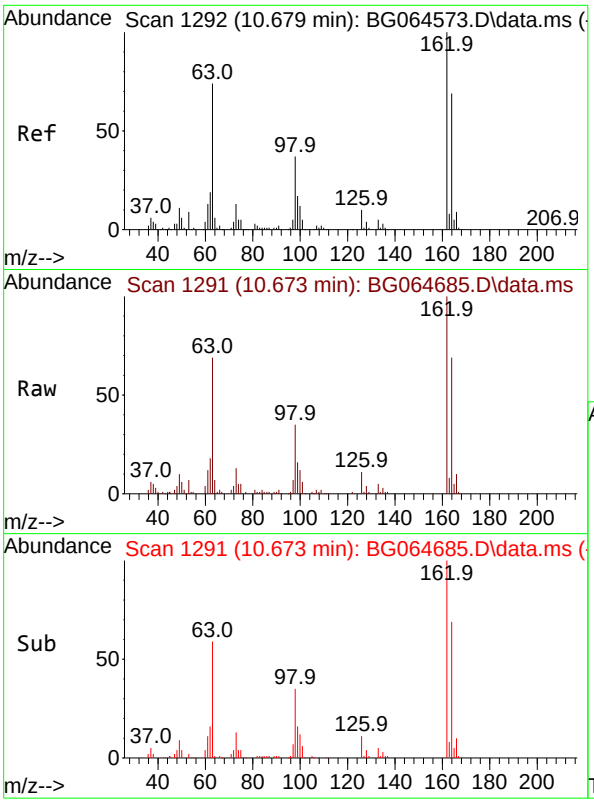


#28
bis(2-Chloroethoxy)methane
Concen: 39.374 ng
RT: 10.421 min Scan# 1248
Delta R.T. -0.017 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion: 93 Resp: 109390

Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.4	38.2
123	11.3	8.4	12.6



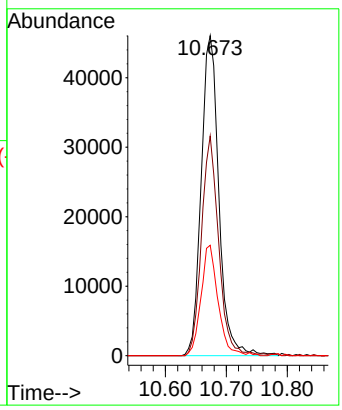


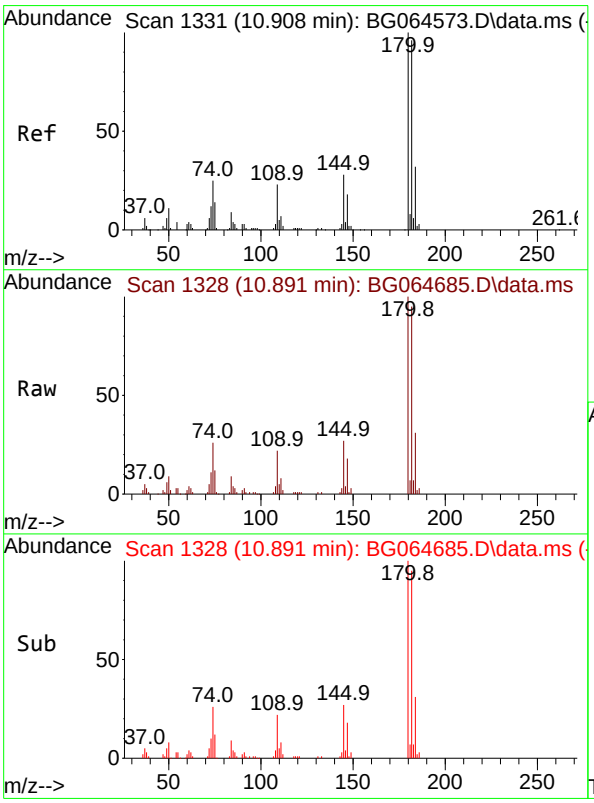
#29
2,4-Dichlorophenol
Concen: 47.564 ng
RT: 10.673 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:162 Resp: 92909

Ion	Ratio	Lower	Upper
162	100		
164	68.7	48.7	88.7
98	34.5	16.9	56.9

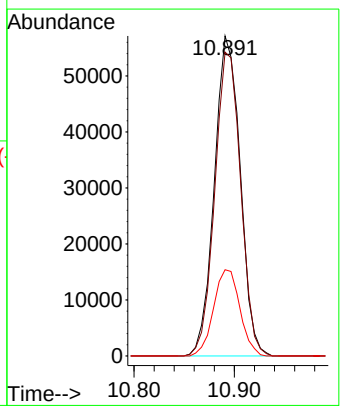


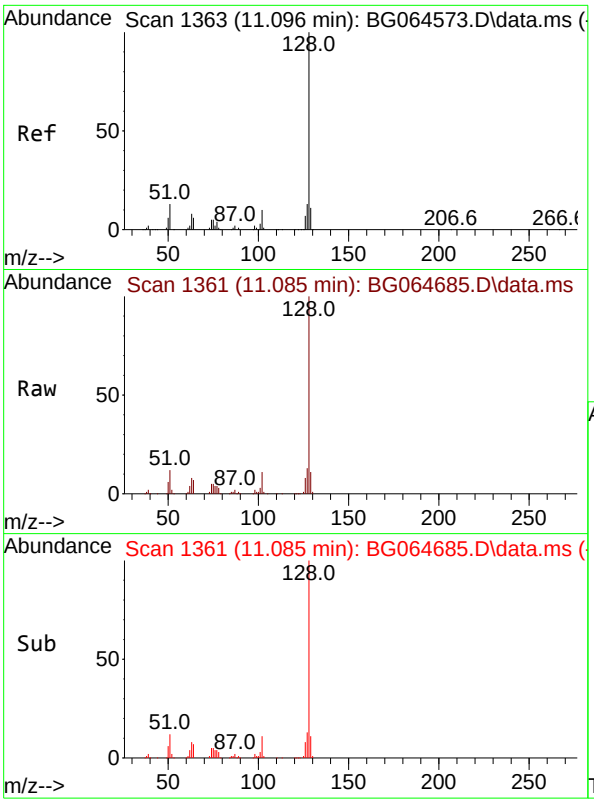


#30
1,2,4-Trichlorobenzene
Concen: 45.985 ng
RT: 10.891 min Scan# 1328
Delta R.T. -0.017 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:180 Resp: 102059

Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.9	115.3
145	27.0	22.1	33.1



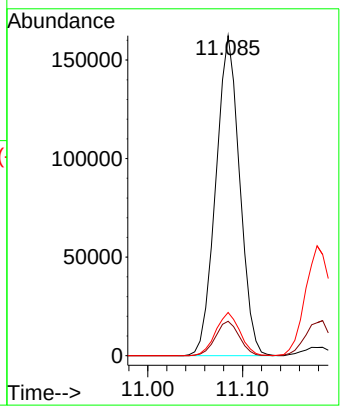


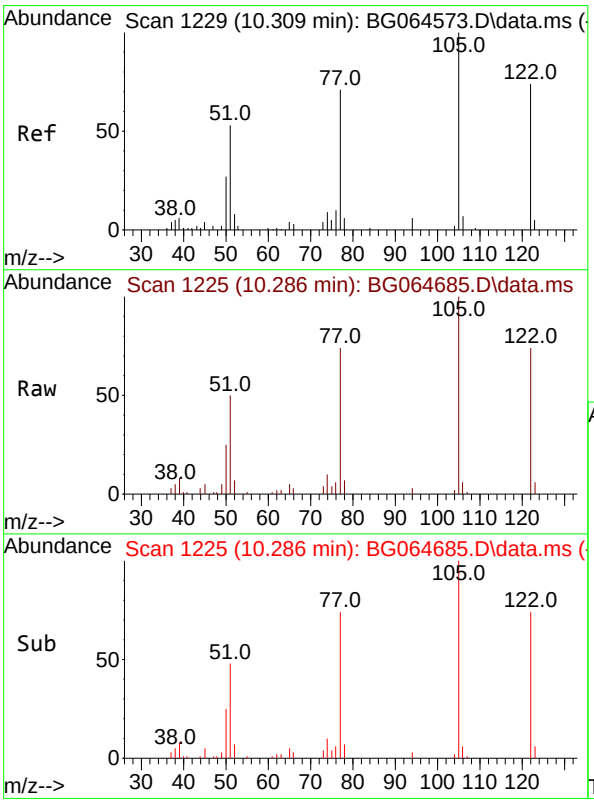
#31
Naphthalene
Concen: 41.922 ng
RT: 11.085 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:128 Resp: 283888

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	13.5	10.6	15.8

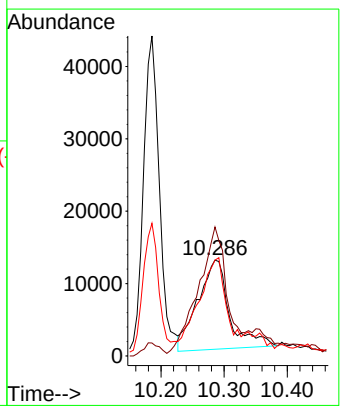


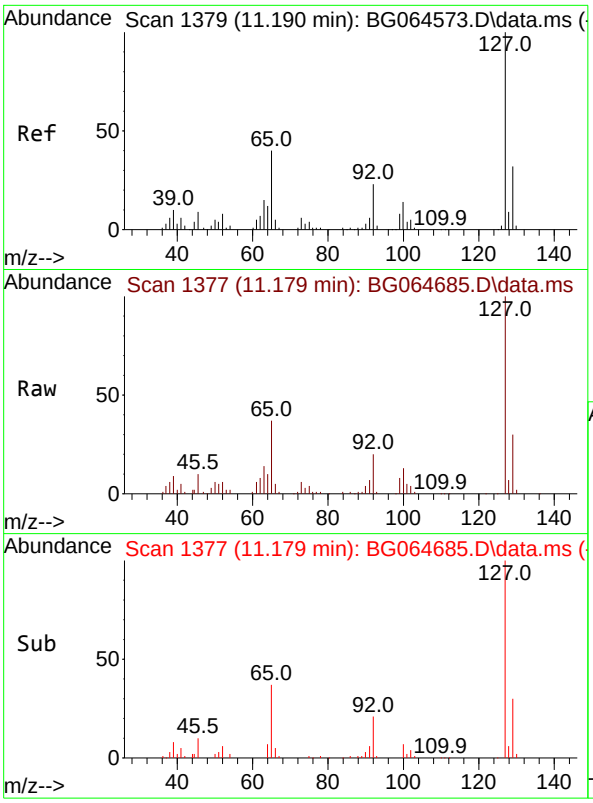


#32
Benzoic acid
Concen: 33.143 ng
RT: 10.286 min Scan# 1225
Delta R.T. -0.023 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:122 Resp: 42913

Ion	Ratio	Lower	Upper
122	100		
105	134.6	104.2	144.2
77	100.0	70.2	110.2



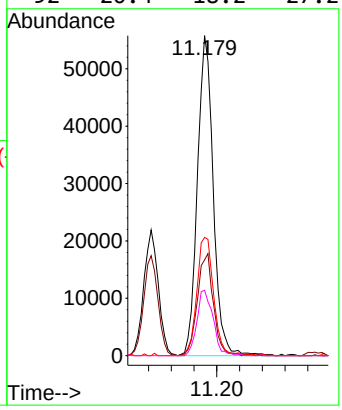


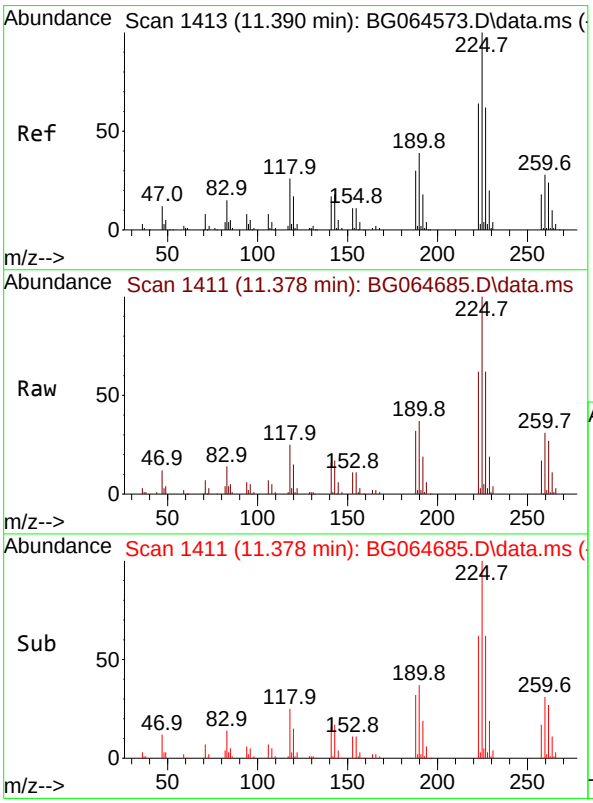
#33
4-Chloroaniline
Concen: 41.102 ng
RT: 11.179 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:127 Resp: 108182

Ion	Ratio	Lower	Upper
127	100		
129	29.9	25.5	38.3
65	37.0	32.2	48.4
92	20.4	18.2	27.2

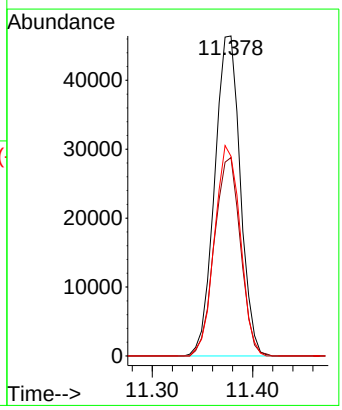


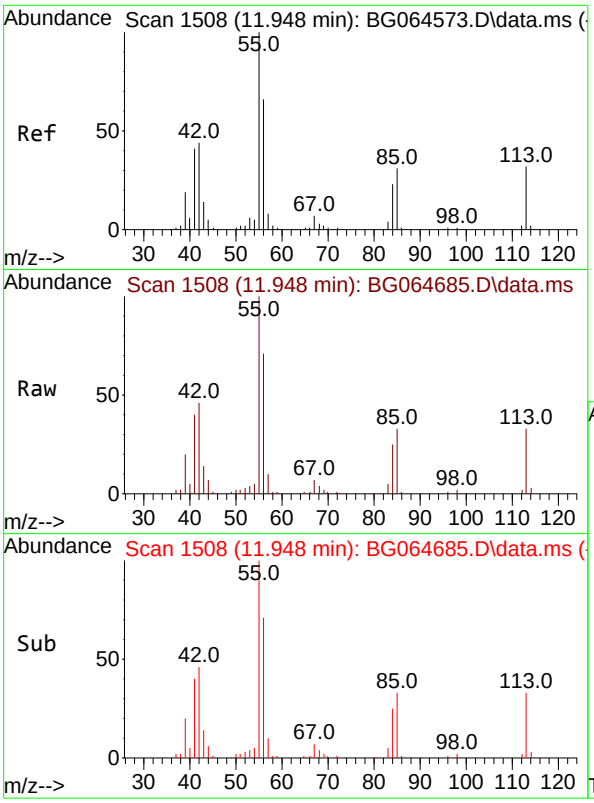


#34
Hexachlorobutadiene
Concen: 47.425 ng
RT: 11.378 min Scan# 1411
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:225 Resp: 82314

Ion	Ratio	Lower	Upper
225	100		
223	58.8	48.8	73.2
227	59.2	49.5	74.3



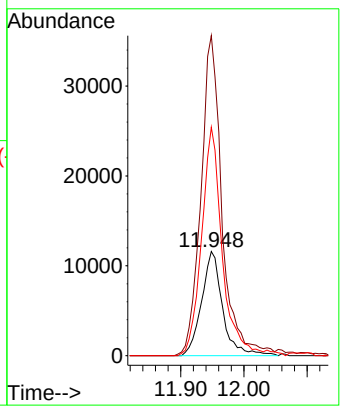


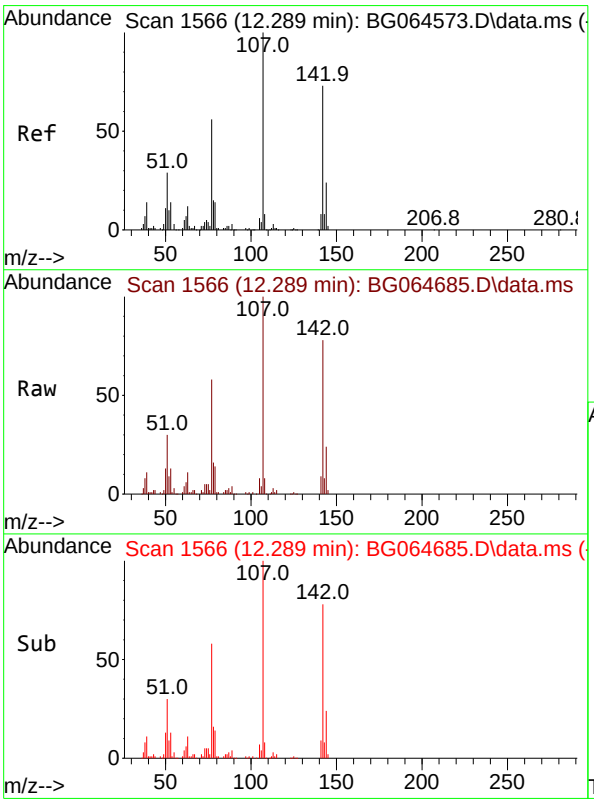
#35
Caprolactam
Concen: 35.795 ng
RT: 11.948 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:113 Resp: 26817

Ion	Ratio	Lower	Upper
113	100		
55	307.4	290.1	330.1
56	219.4	183.8	223.8

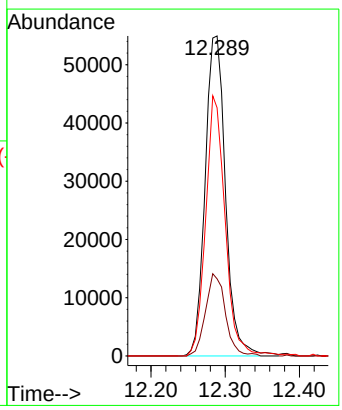


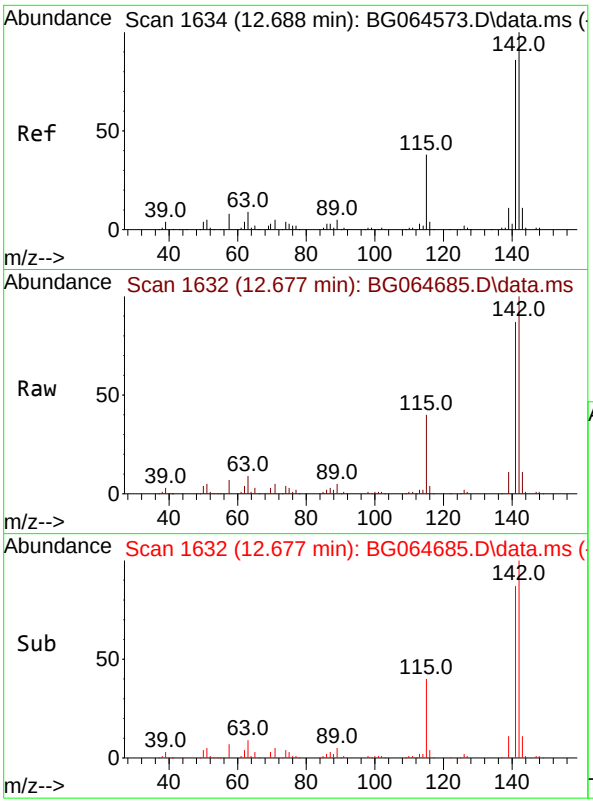


#36
4-Chloro-3-methylphenol
Concen: 44.685 ng
RT: 12.289 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:107 Resp: 104917

Ion	Ratio	Lower	Upper
107	100		
144	24.1	19.1	28.7
142	77.5	58.6	87.8



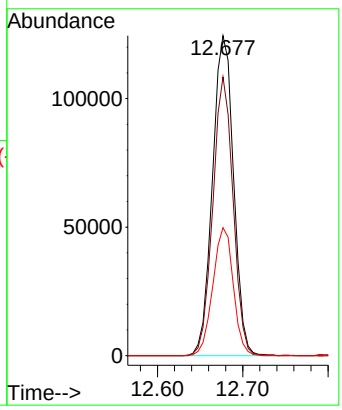


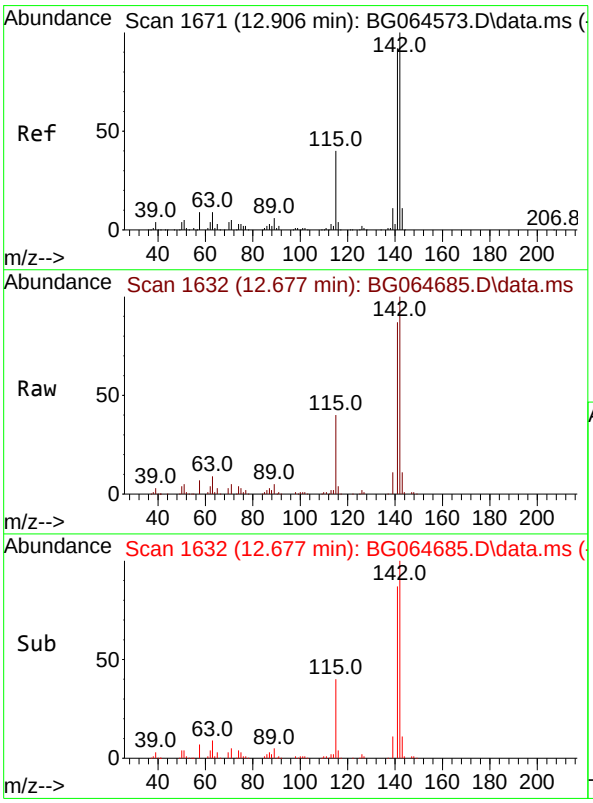
#37
2-Methylnaphthalene
Concen: 43.089 ng
RT: 12.677 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:142 Resp: 214229

Ion	Ratio	Lower	Upper
142	100		
141	87.1	68.9	103.3
115	40.0	30.6	46.0

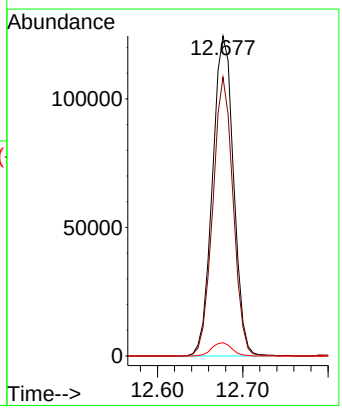


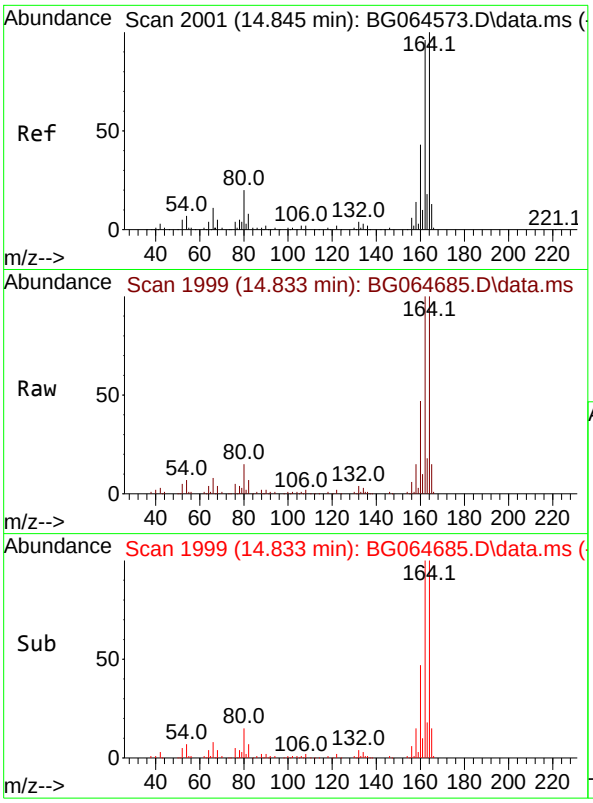


#38
1-Methylnaphthalene
Concen: 43.526 ng
RT: 12.677 min Scan# 1632
Delta R.T. -0.229 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:142 Resp: 214229

Ion	Ratio	Lower	Upper
142	100		
141	87.1	73.3	109.9
116	4.1	3.1	4.7



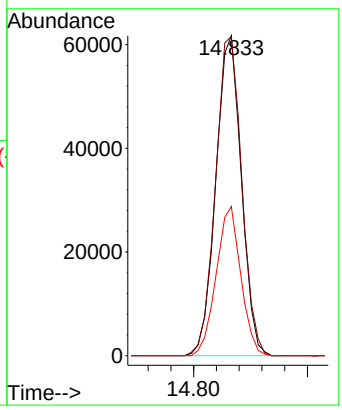


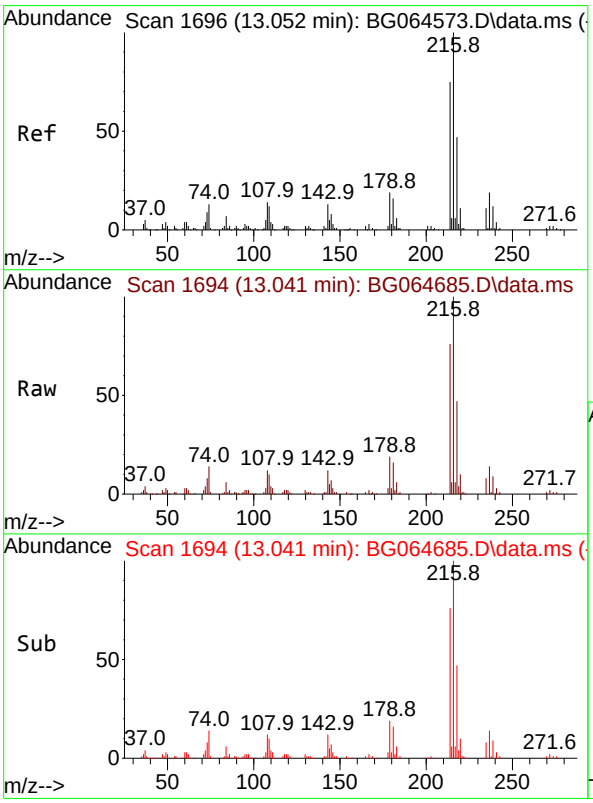
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.833 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:164 Resp: 95662

Ion	Ratio	Lower	Upper
164	100		
162	99.8	77.0	115.6
160	46.6	34.4	51.6

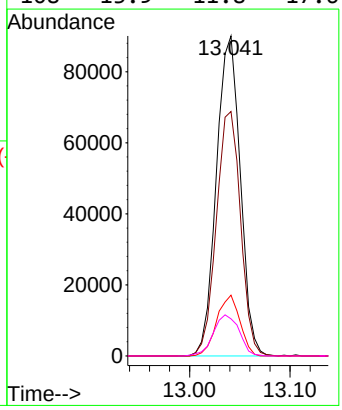


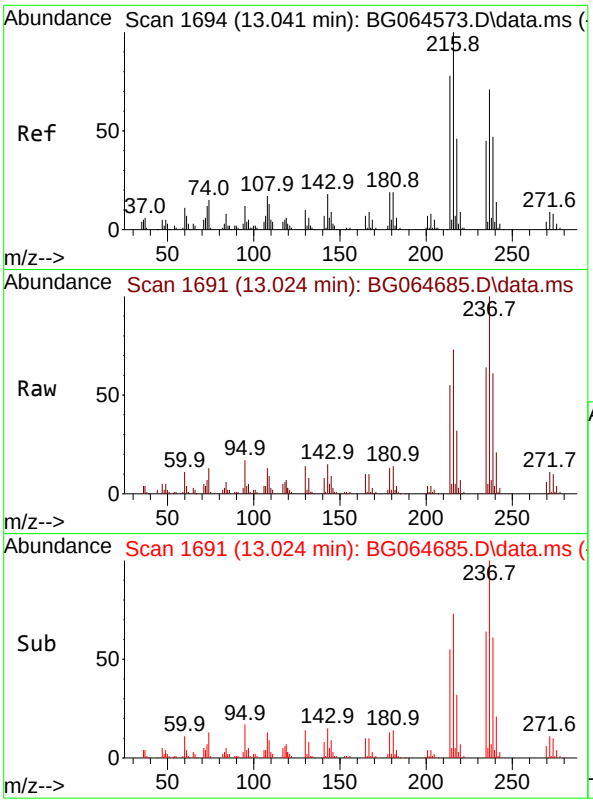


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.413 ng
RT: 13.041 min Scan# 1694
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:216 Resp: 149007

Ion	Ratio	Lower	Upper
216	100		
214	77.3	61.4	92.2
179	18.4	15.4	23.0
108	13.9	11.8	17.6



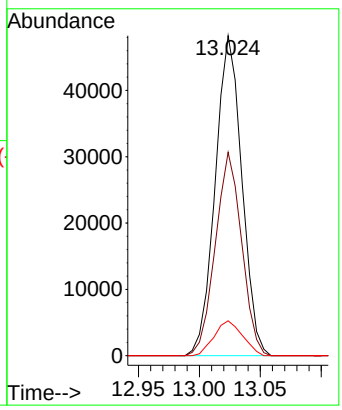


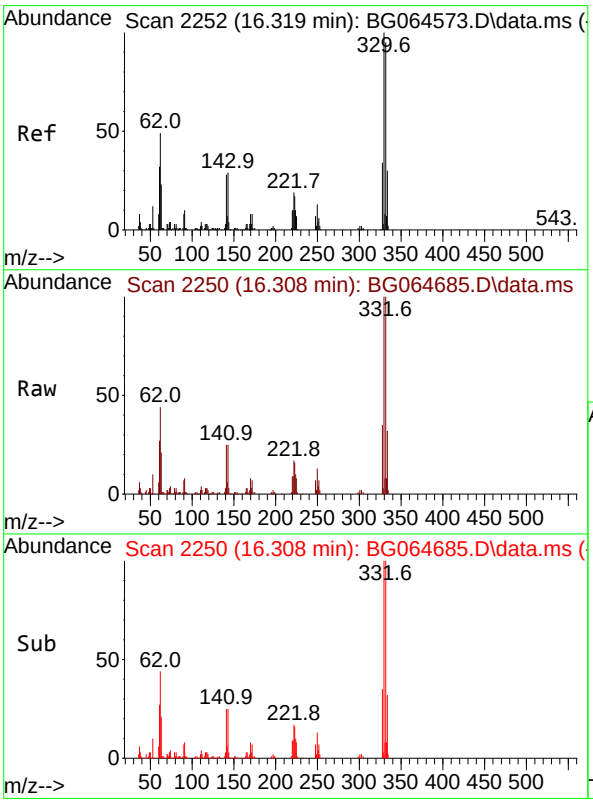
#41
Hexachlorocyclopentadiene
Concen: 50.802 ng
RT: 13.024 min Scan# 1
Delta R.T. -0.017 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:237 Resp: 73412

Ion	Ratio	Lower	Upper
237	100		
235	63.6	44.1	84.1
272	10.9	0.0	32.4

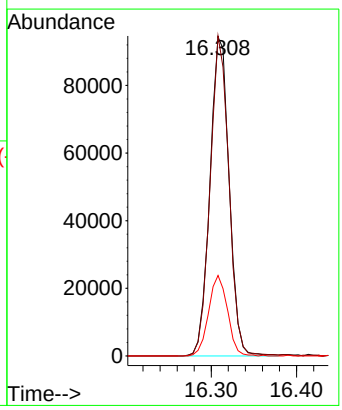


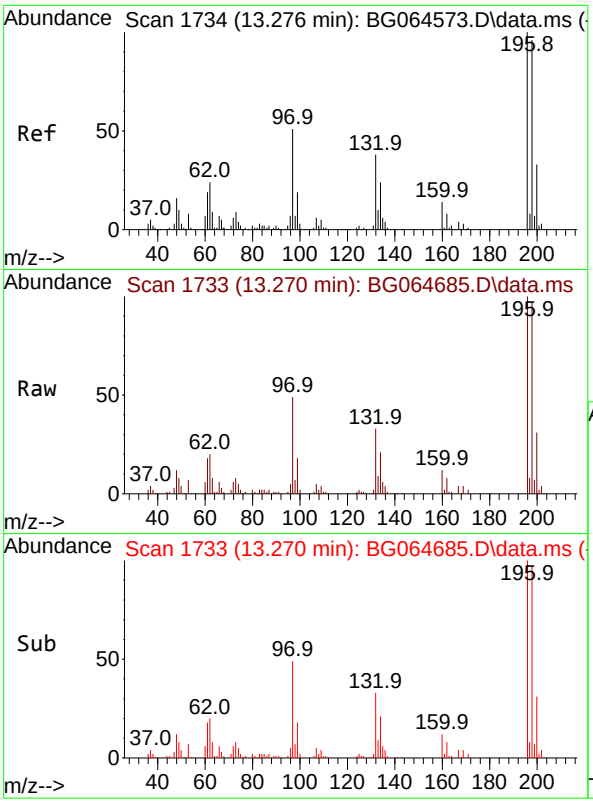


#42
2,4,6-Tribromophenol
Concen: 106.918 ng
RT: 16.308 min Scan# 2250
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:330 Resp: 147621

Ion	Ratio	Lower	Upper
330	100		
332	98.1	78.0	117.0
141	24.8	21.8	32.6



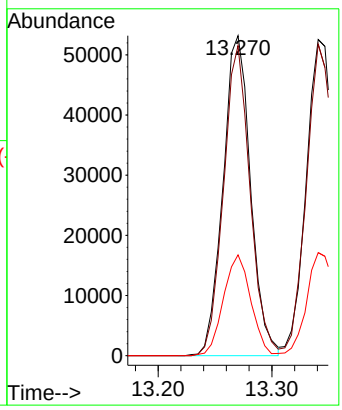


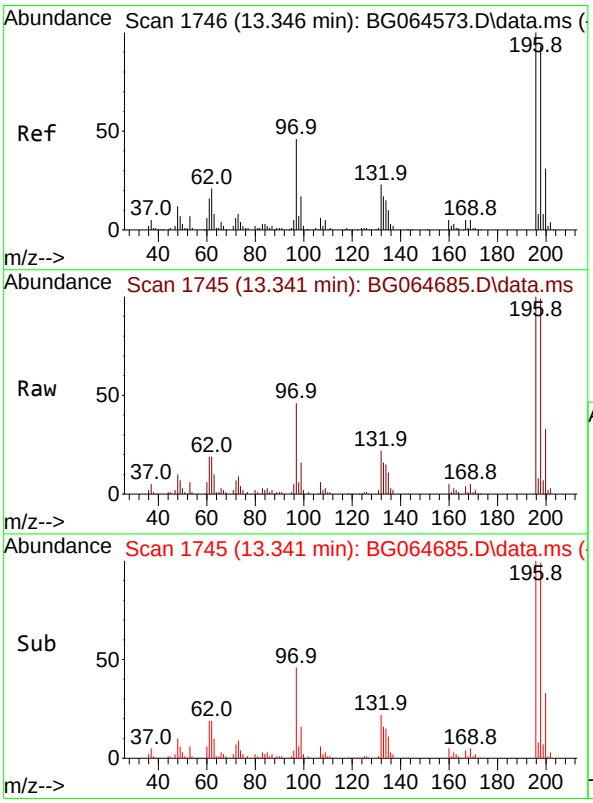
#43
2,4,6-Trichlorophenol
Concen: 48.814 ng
RT: 13.270 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:196 Resp: 89643

Ion	Ratio	Lower	Upper
196	100		
198	96.9	76.6	115.0
200	31.5	26.0	39.0

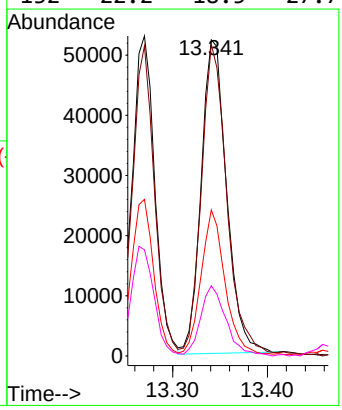


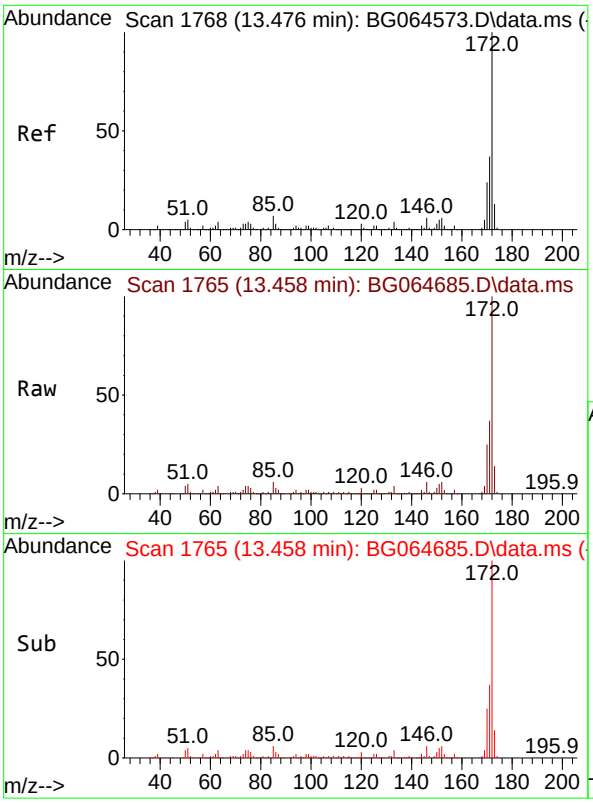


#44
2,4,5-Trichlorophenol
Concen: 45.753 ng
RT: 13.341 min Scan# 1745
Delta R.T. -0.005 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:196 Resp: 96961

Ion	Ratio	Lower	Upper
196	100		
198	98.5	74.2	111.4
97	46.2	37.0	55.6
132	22.2	18.5	27.7



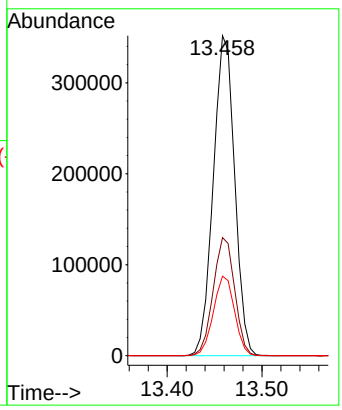


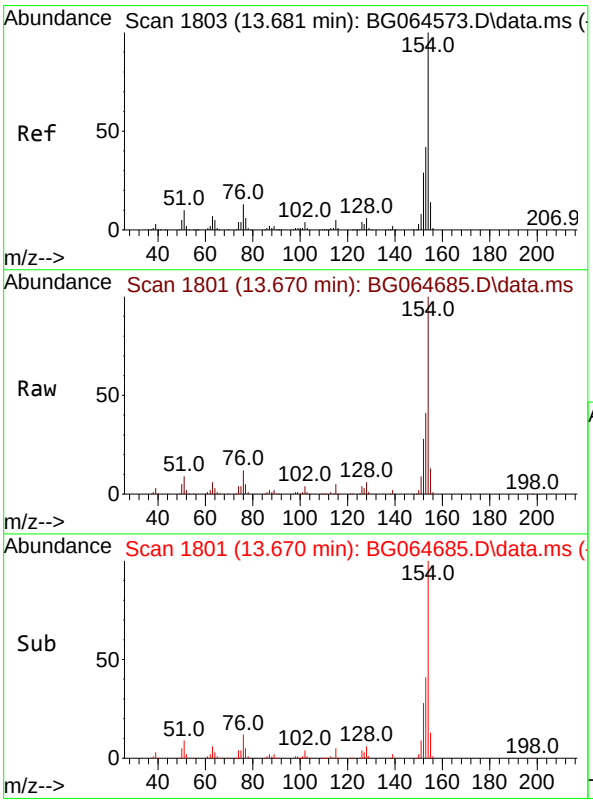
#45
2-Fluorobiphenyl
Concen: 87.430 ng
RT: 13.458 min Scan# 1
Delta R.T. -0.017 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:172 Resp: 551792

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.0
170	24.9	19.1	28.7

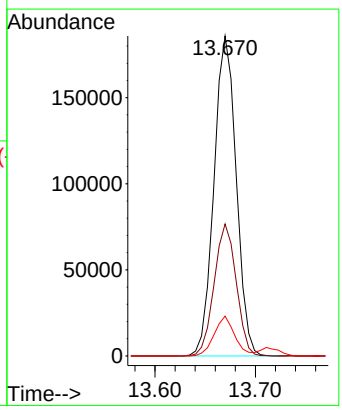


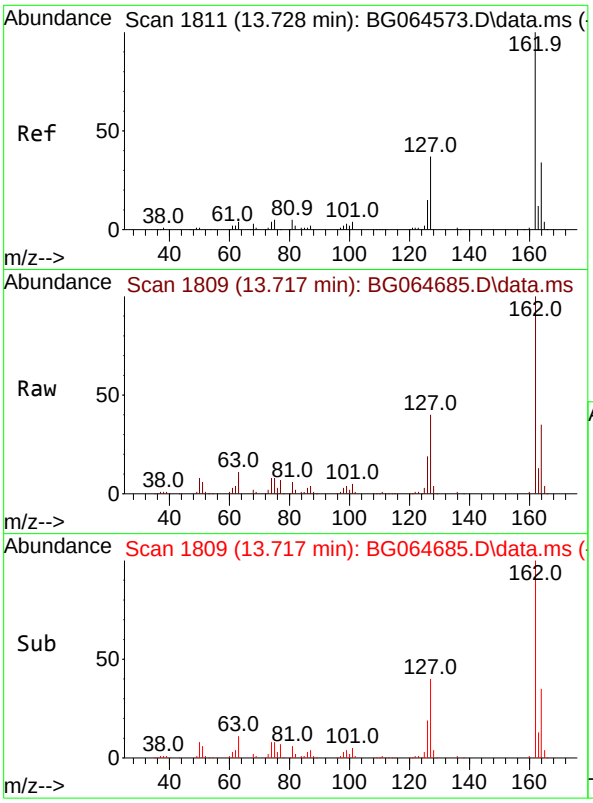


#46
1,1'-Biphenyl
Concen: 41.958 ng
RT: 13.670 min Scan# 1801
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:154 Resp: 285351

Ion	Ratio	Lower	Upper
154	100		
153	41.2	22.4	62.4
76	12.5	0.0	33.5



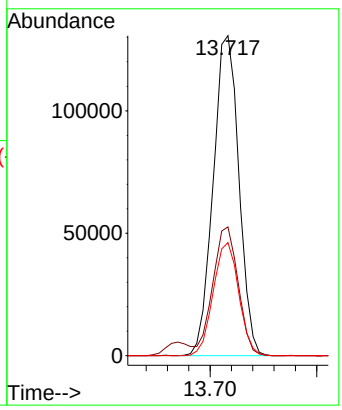


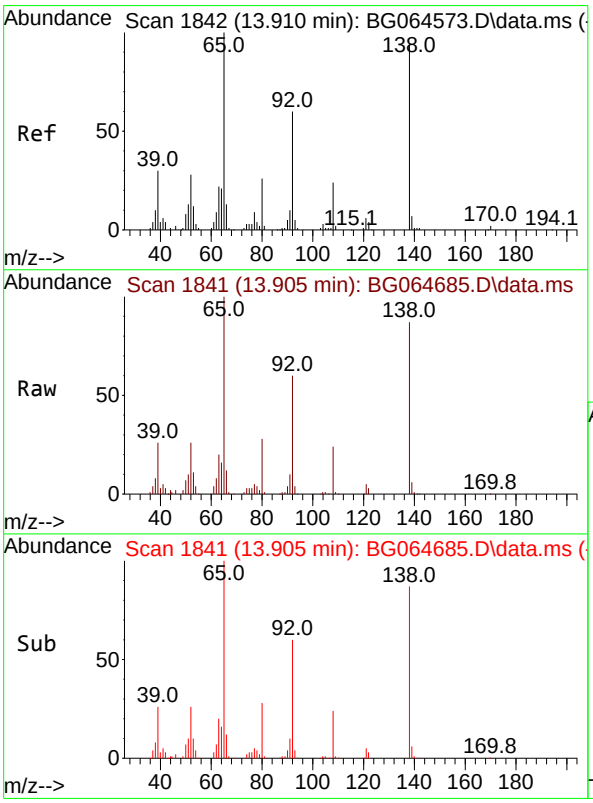
#47
2-Chloronaphthalene
Concen: 42.601 ng
RT: 13.717 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:162 Resp: 218692

Ion	Ratio	Lower	Upper
162	100		
127	40.3	32.2	48.2
164	35.3	27.5	41.3

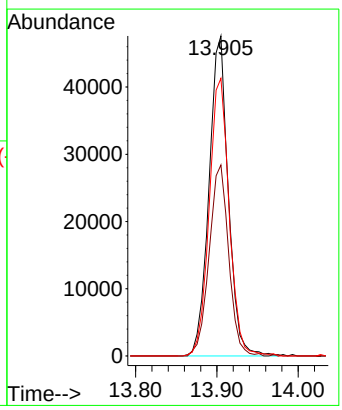


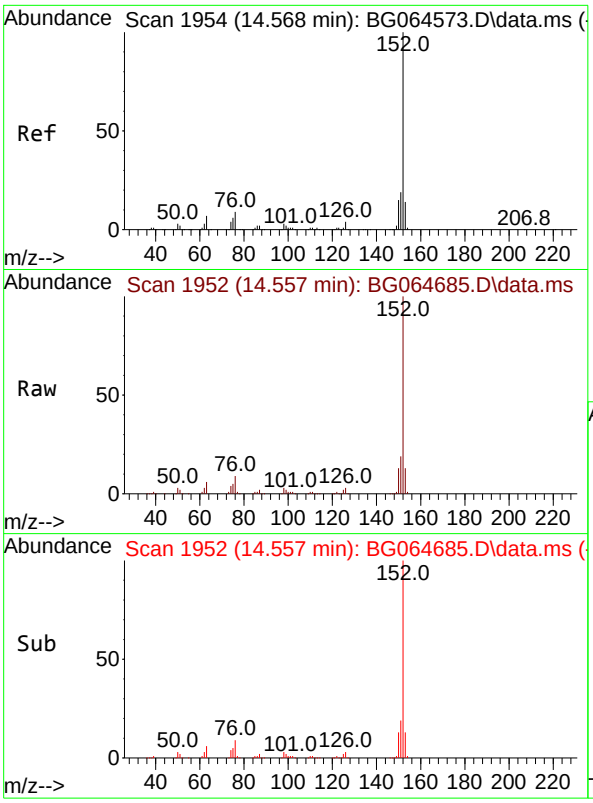


#48
2-Nitroaniline
Concen: 45.634 ng
RT: 13.905 min Scan# 1841
Delta R.T. -0.005 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion: 65 Resp: 78350

Ion	Ratio	Lower	Upper
65	100		
92	59.7	48.3	72.5
138	86.8	74.9	112.3



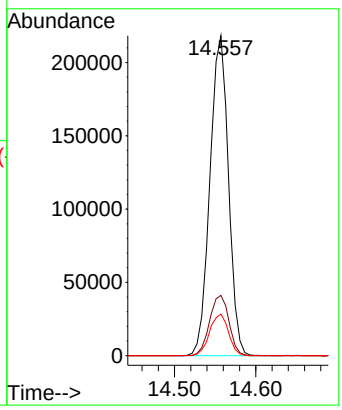


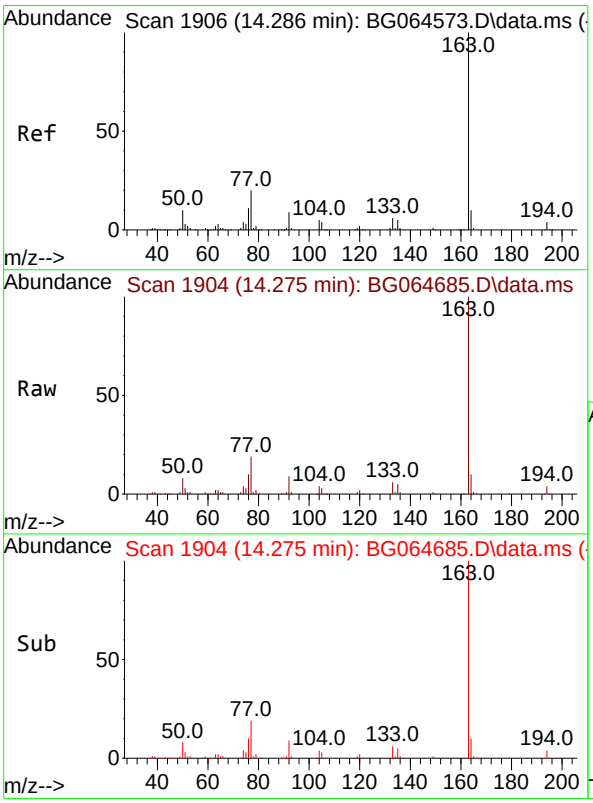
#49
Acenaphthylene
Concen: 42.673 ng
RT: 14.557 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:152 Resp: 345537

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.4	23.2
153	13.0	11.0	16.4

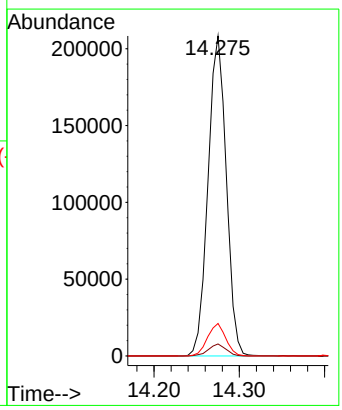


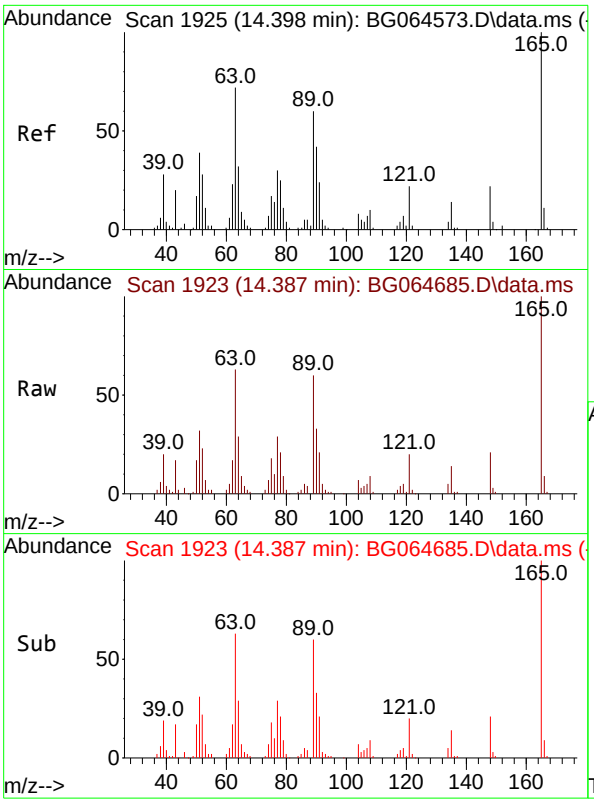


#50
Dimethylphthalate
Concen: 42.293 ng
RT: 14.275 min Scan# 1904
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:163 Resp: 309589

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.8	4.2
164	10.1	7.7	11.5



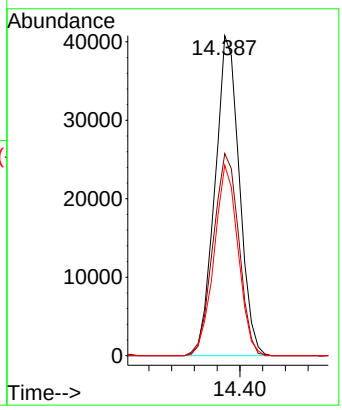


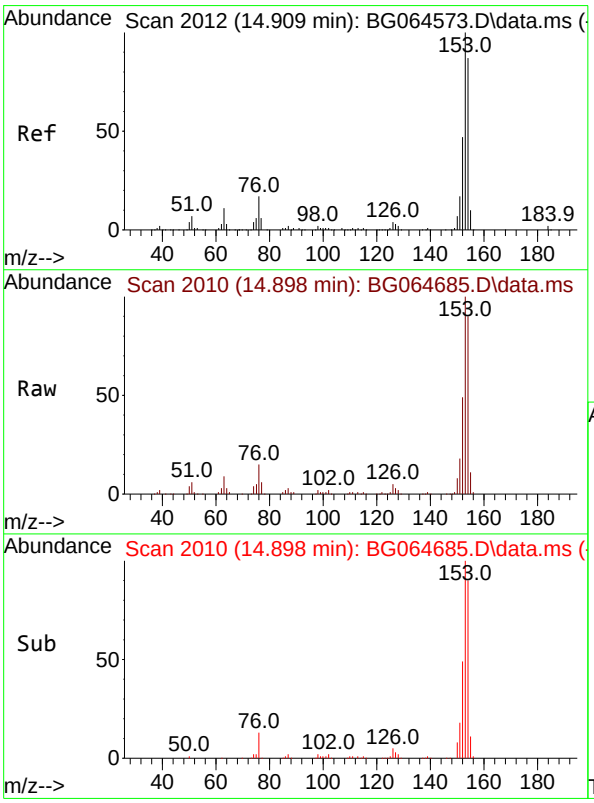
#51
2,6-Dinitrotoluene
Concen: 50.015 ng
RT: 14.387 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:165 Resp: 60583

Ion	Ratio	Lower	Upper
165	100		
63	63.2	57.4	86.0
89	59.6	47.8	71.8

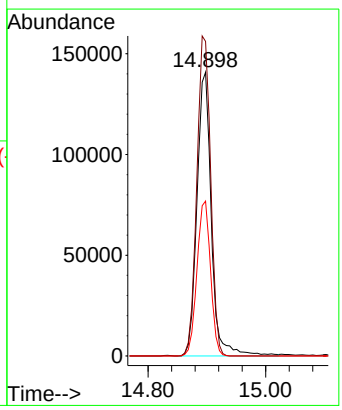


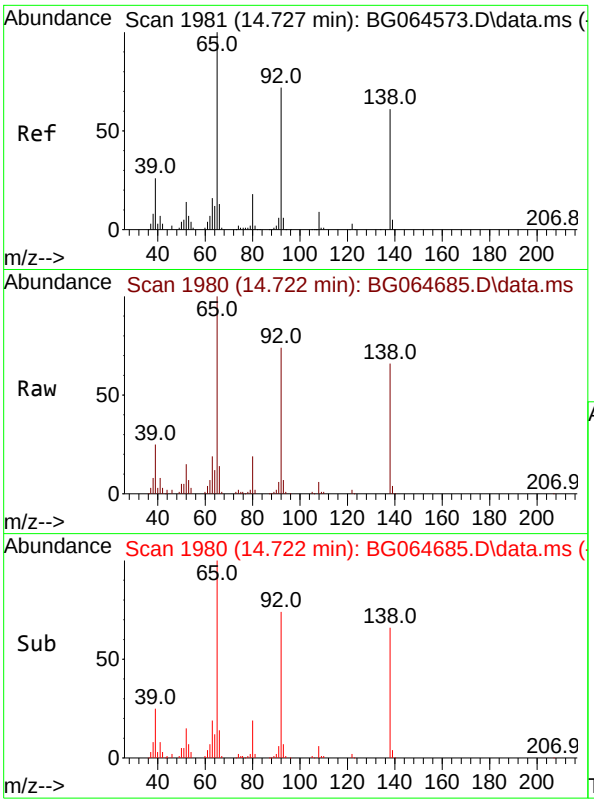


#52
Acenaphthene
Concen: 43.220 ng
RT: 14.898 min Scan# 2010
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:154 Resp: 239100

Ion	Ratio	Lower	Upper
154	100		
153	110.9	92.2	138.4
152	54.6	43.2	64.8



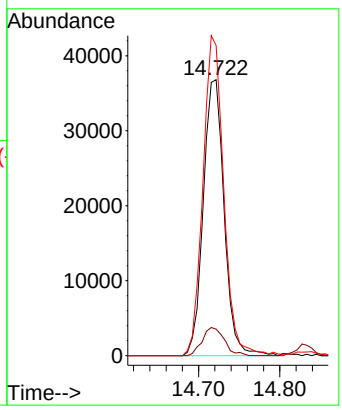


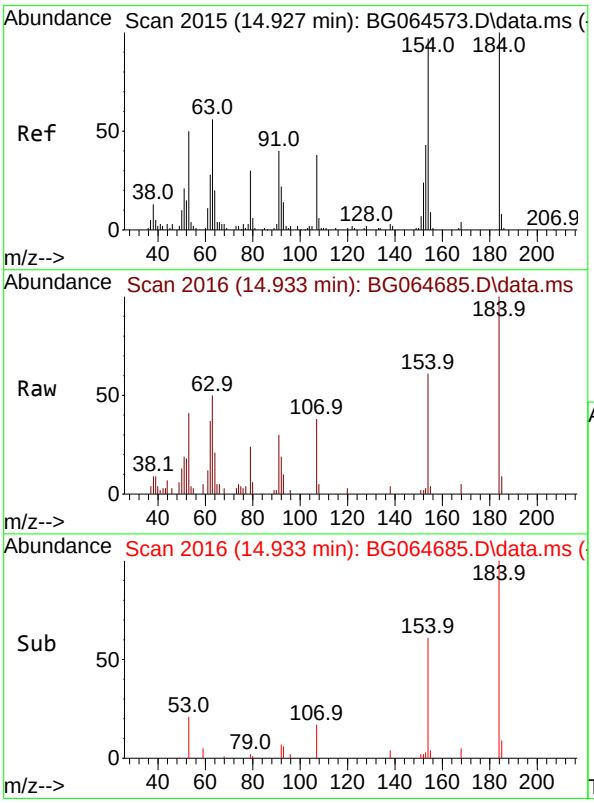
#53
3-Nitroaniline
Concen: 52.180 ng
RT: 14.722 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:138 Resp: 65642

Ion	Ratio	Lower	Upper
138	100		
108	9.6	11.4	17.0#
92	112.4	95.3	142.9

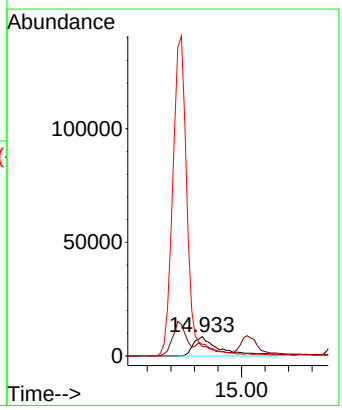


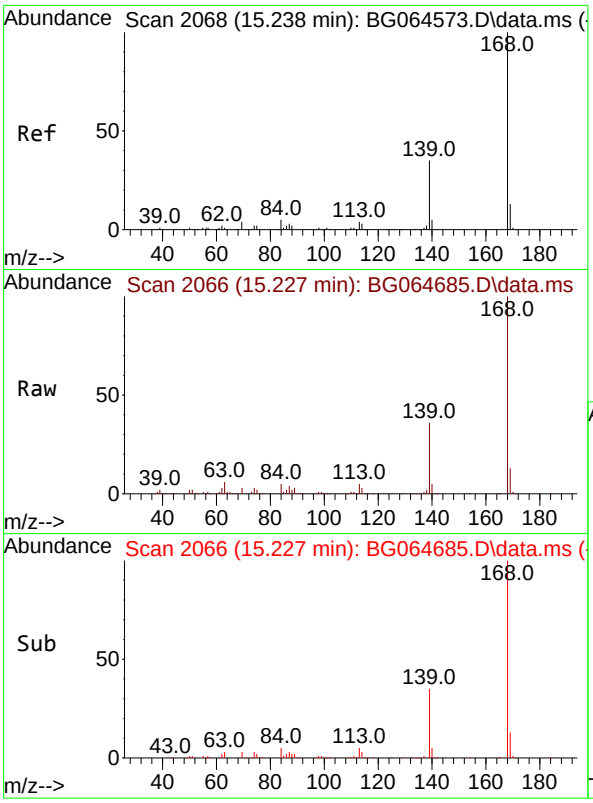


#54
2,4-Dinitrophenol
Concen: 39.260 ng
RT: 14.933 min Scan# 2016
Delta R.T. 0.006 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:184 Resp: 26837

Ion	Ratio	Lower	Upper
184	100		
63	49.5	56.6	85.0#
154	60.6	158.6	238.0#



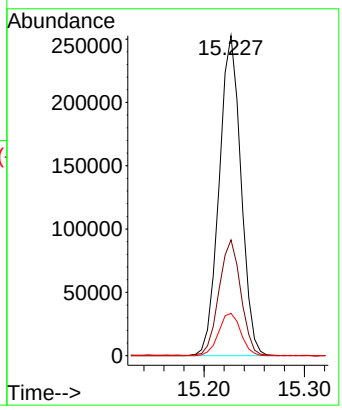


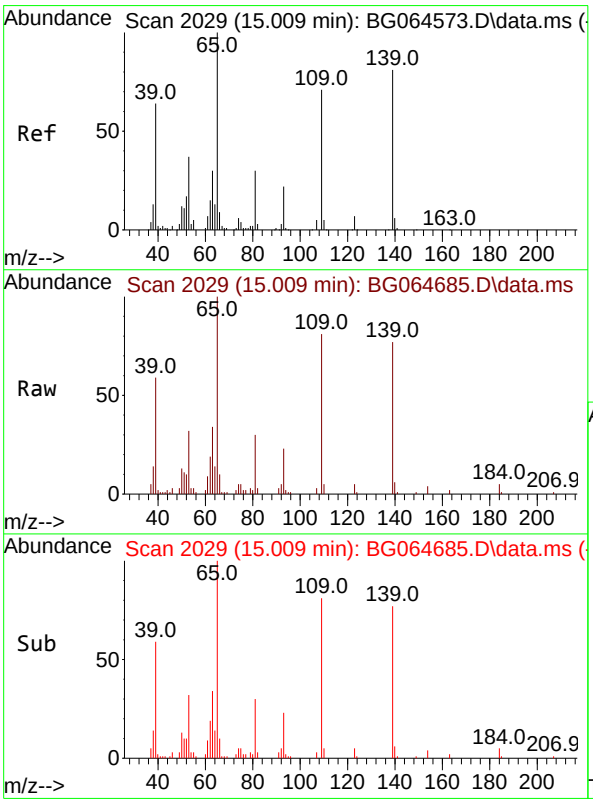
#55
Dibenzofuran
Concen: 42.605 ng
RT: 15.227 min Scan# 2
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:168 Resp: 381052

Ion	Ratio	Lower	Upper
168	100		
139	36.2	27.8	41.8
169	13.2	10.3	15.5

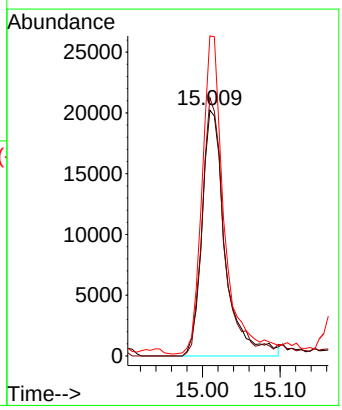


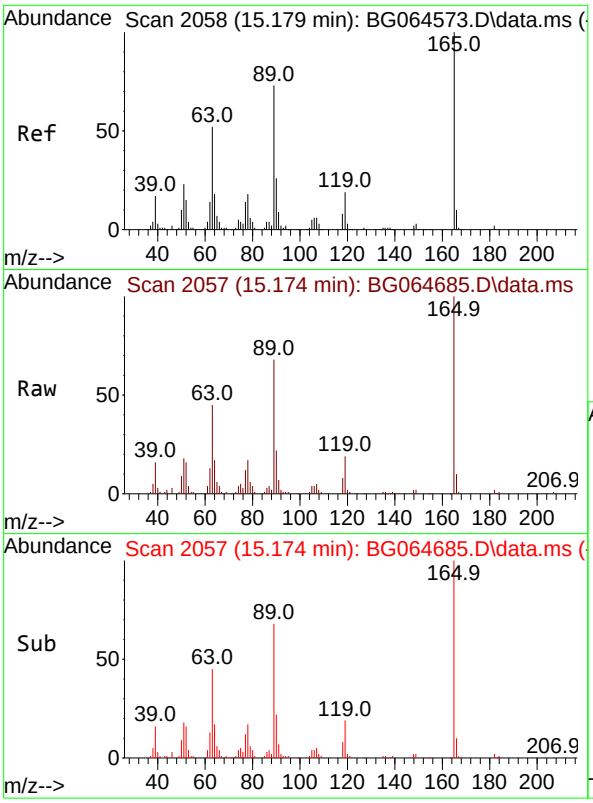


#56
4-Nitrophenol
Concen: 35.944 ng
RT: 15.009 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:139 Resp: 41923

Ion	Ratio	Lower	Upper
139	100		
109	105.1	67.8	107.8
65	130.2	103.7	143.7



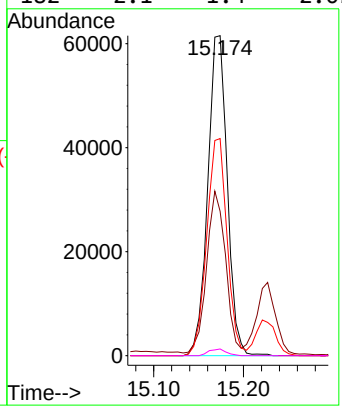


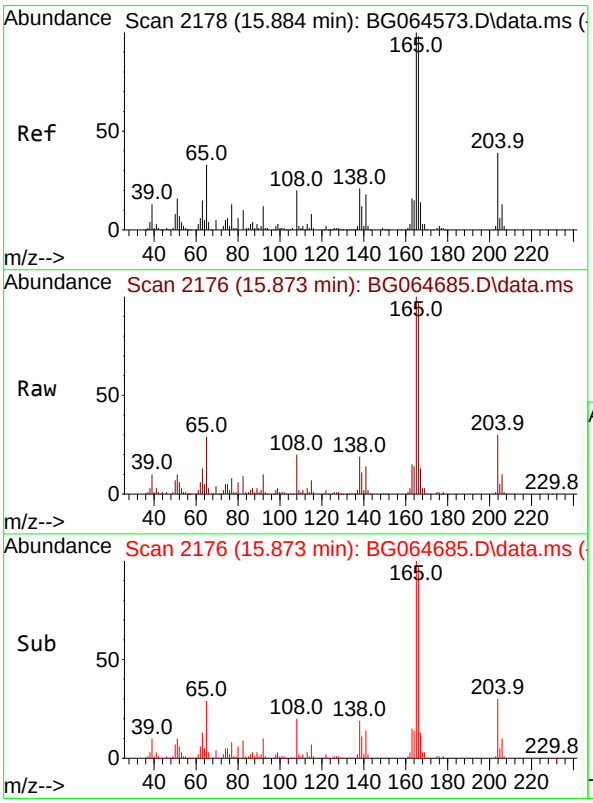
#57
2,4-Dinitrotoluene
Concen: 49.650 ng
RT: 15.174 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:165 Resp: 92929

Ion	Ratio	Lower	Upper
165	100		
63	45.1	41.8	62.8
89	67.8	58.1	87.1
182	2.1	1.4	2.0#

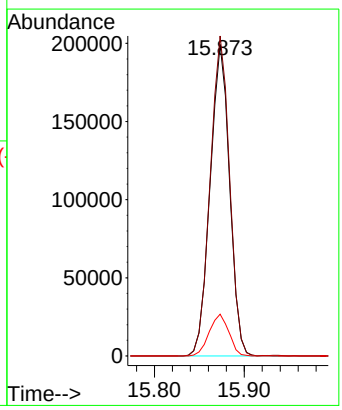


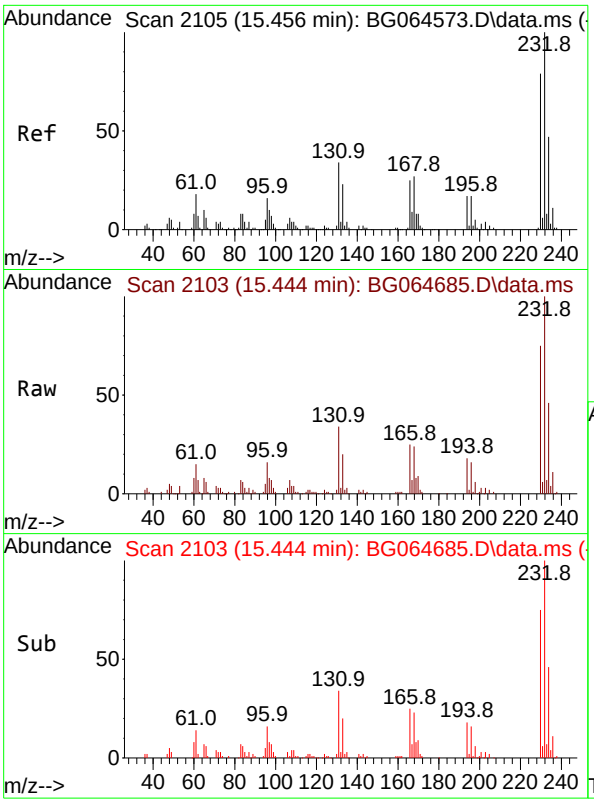


#58
Fluorene
Concen: 42.797 ng
RT: 15.873 min Scan# 2176
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:166 Resp: 298932

Ion	Ratio	Lower	Upper
166	100		
165	102.7	81.5	122.3
167	13.4	11.4	17.0



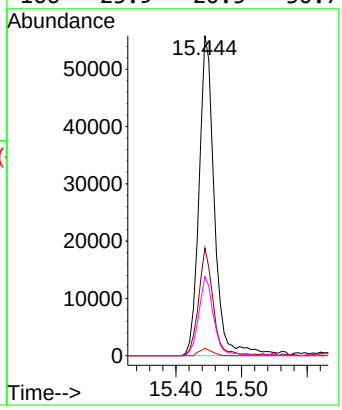


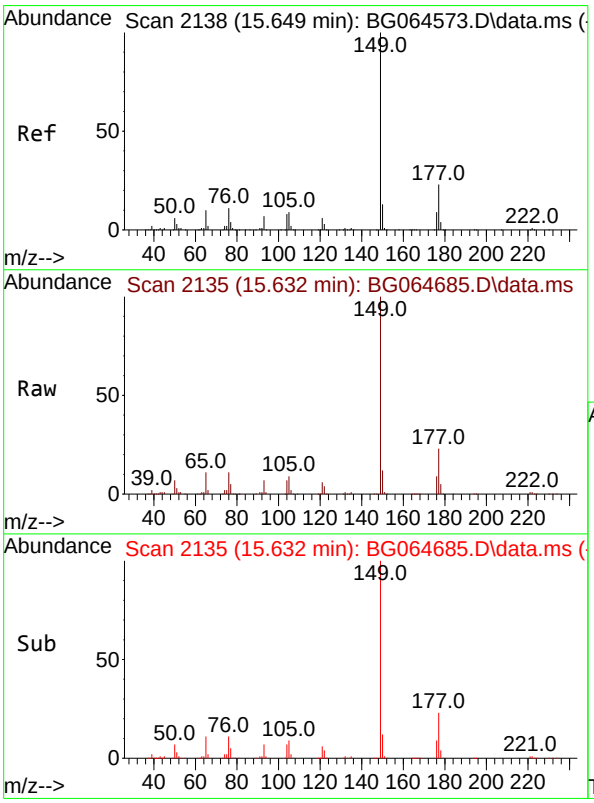
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.949 ng
RT: 15.444 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:232 Resp: 91089

Ion	Ratio	Lower	Upper
232	100		
131	31.8	26.7	40.1
130	1.9	1.6	2.4
166	23.9	20.5	30.7

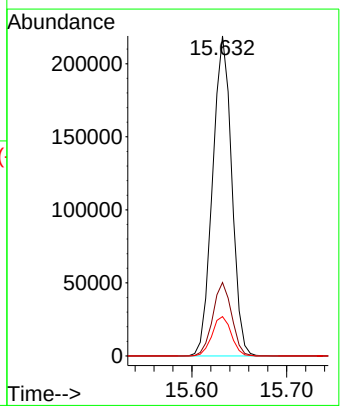


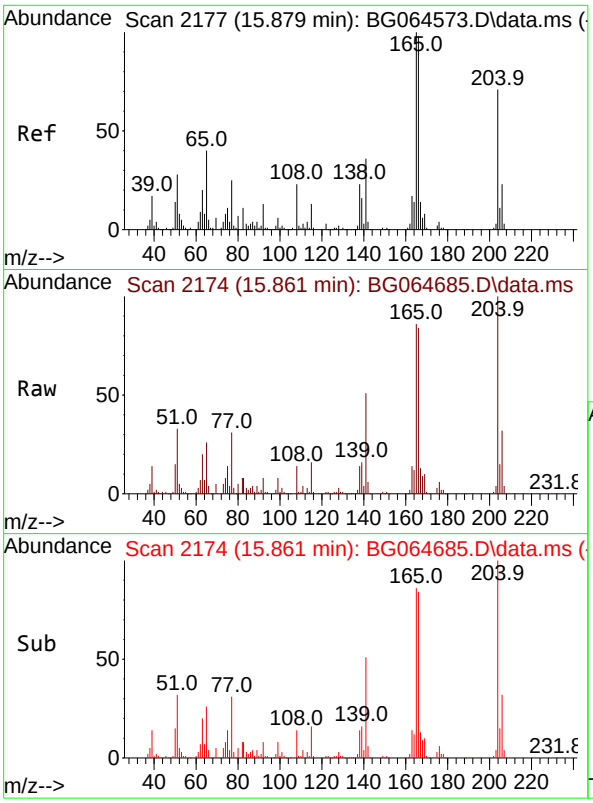


#60
Diethylphthalate
Concen: 41.099 ng
RT: 15.632 min Scan# 2135
Delta R.T. -0.017 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:149 Resp: 307182

Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.0	27.0
150	12.3	10.2	15.4



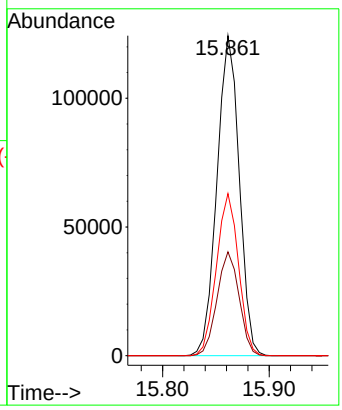


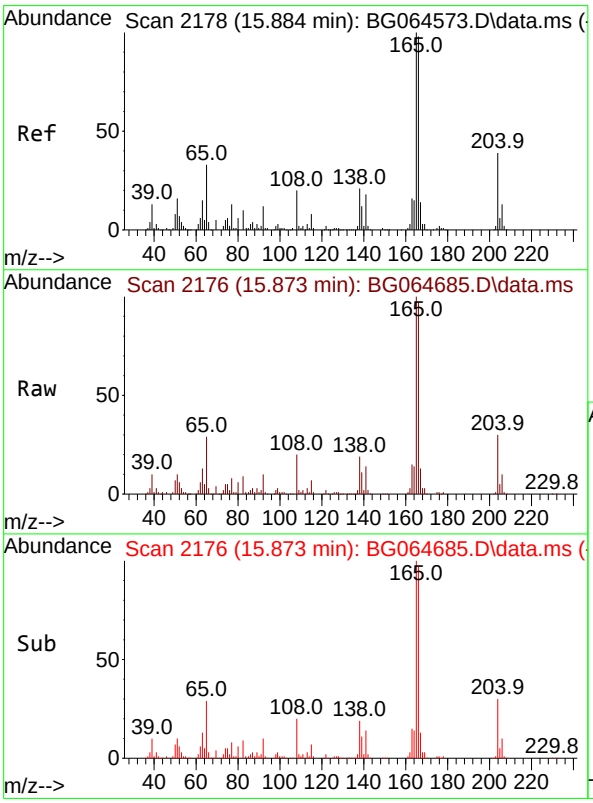
#61
4-Chlorophenyl-phenylether
Concen: 45.937 ng
RT: 15.861 min Scan# 21
Delta R.T. -0.017 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:204 Resp: 180066

Ion	Ratio	Lower	Upper
204	100		
206	32.5	25.6	38.4
141	50.7	40.6	60.8

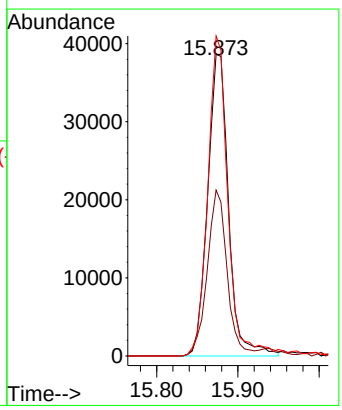


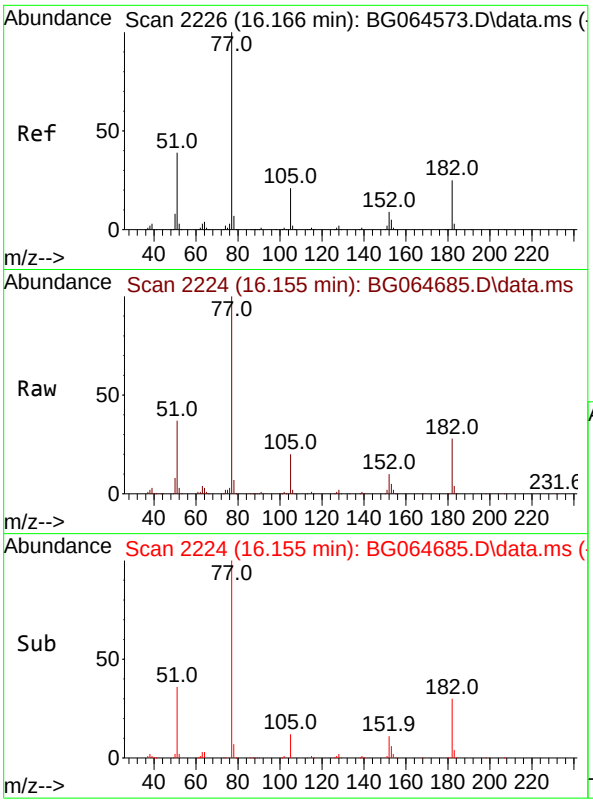


#62
4-Nitroaniline
Concen: 49.189 ng
RT: 15.873 min Scan# 2176
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:138 Resp: 68841

Ion	Ratio	Lower	Upper
138	100		
92	55.0	36.1	76.1
108	106.0	75.6	115.6



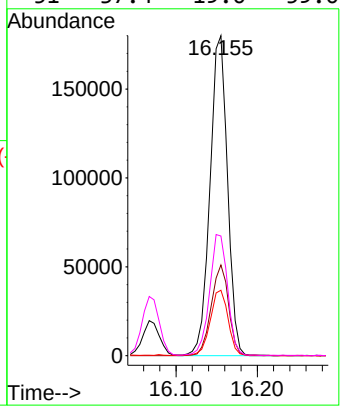


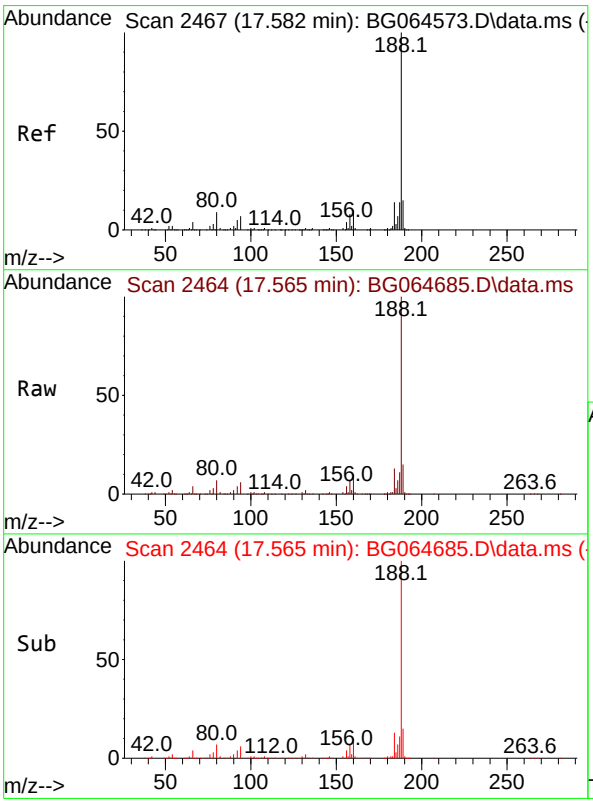
#63
Azobenzene
Concen: 39.242 ng
RT: 16.155 min Scan# 2
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 77 Resp: 269112

Ion	Ratio	Lower	Upper
77	100		
182	28.3	4.9	44.9
105	20.4	1.3	41.3
51	37.4	19.0	59.0

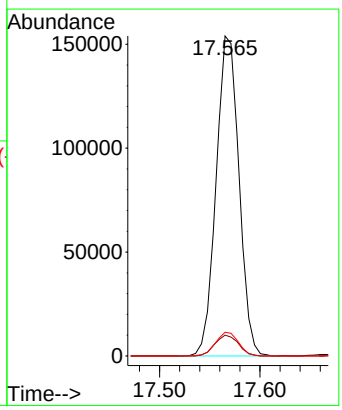


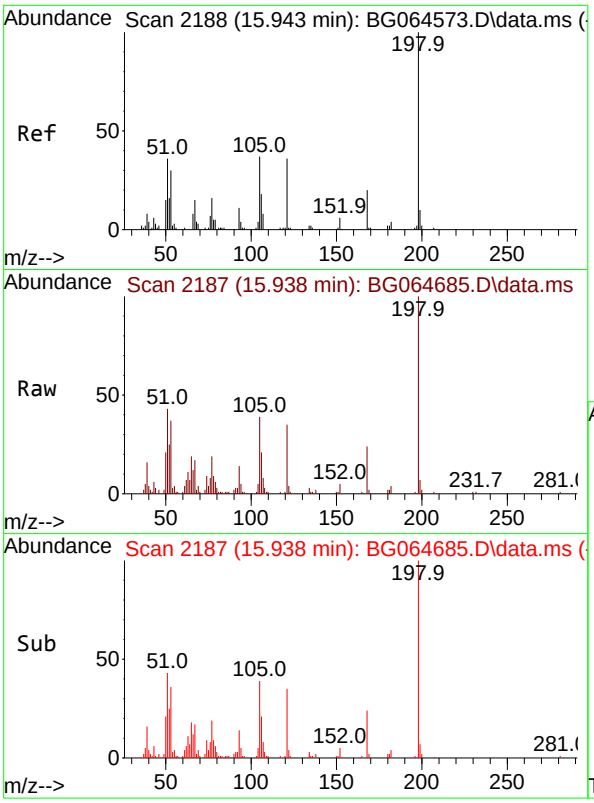


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.565 min Scan# 2464
Delta R.T. -0.017 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:188 Resp: 243103

Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.7	8.5
80	7.4	6.8	10.2



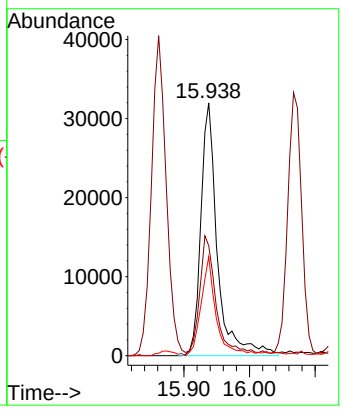


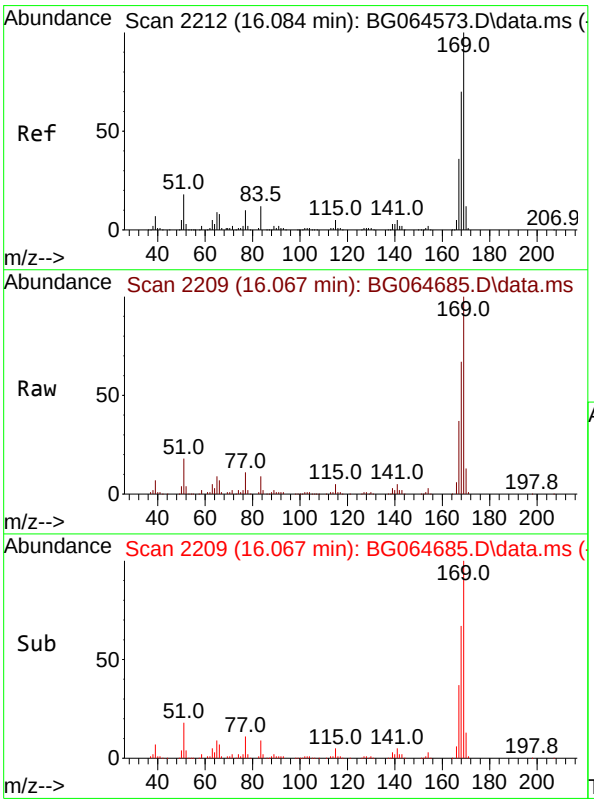
#65
4,6-Dinitro-2-methylphenol
Concen: 51.966 ng
RT: 15.938 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:198 Resp: 56131

Ion	Ratio	Lower	Upper
198	100		
51	43.5	24.7	64.7
105	39.2	18.0	58.0

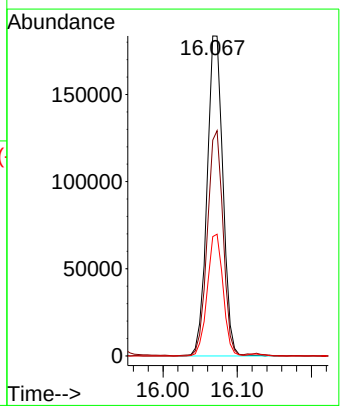


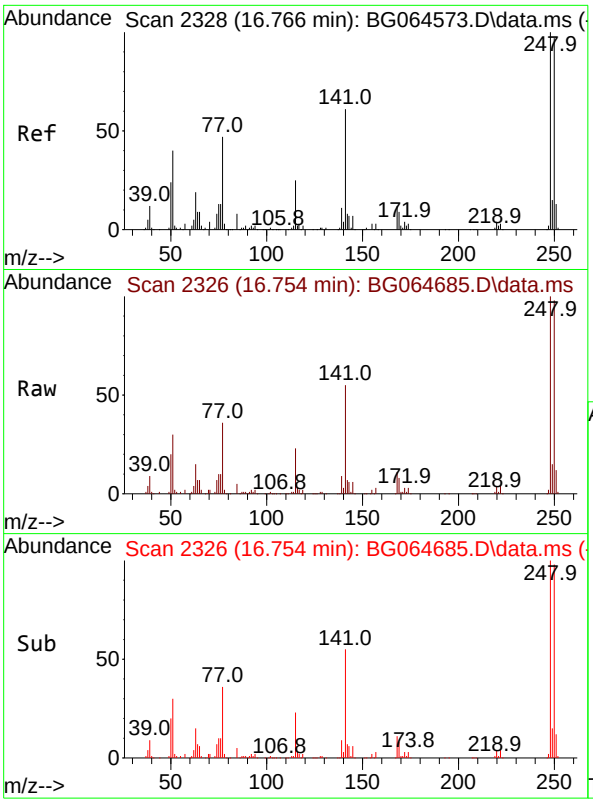


#66
n-Nitrosodiphenylamine
Concen: 41.330 ng
RT: 16.067 min Scan# 2209
Delta R.T. -0.017 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:169 Resp: 271409

Ion	Ratio	Lower	Upper
169	100		
168	67.5	56.3	84.5
167	37.3	29.0	43.6



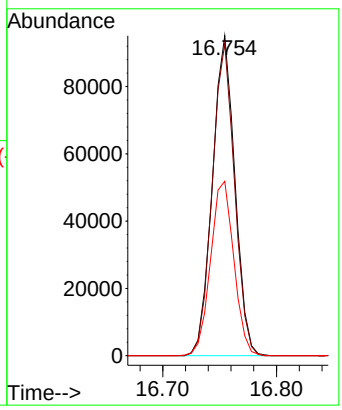


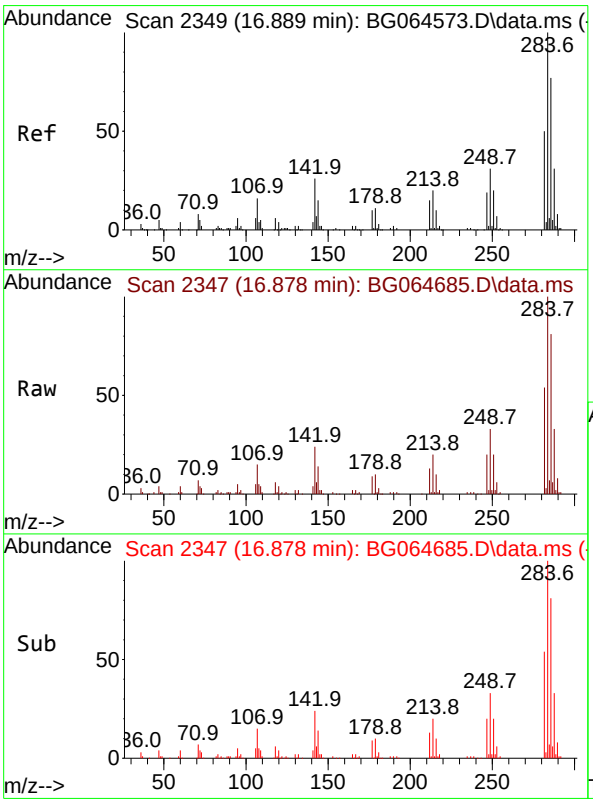
#67
4-Bromophenyl-phenylether
Concen: 45.424 ng
RT: 16.754 min Scan# 2
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:248 Resp: 130859

Ion	Ratio	Lower	Upper
248	100		
250	97.6	77.7	116.5
141	54.5	48.6	72.8

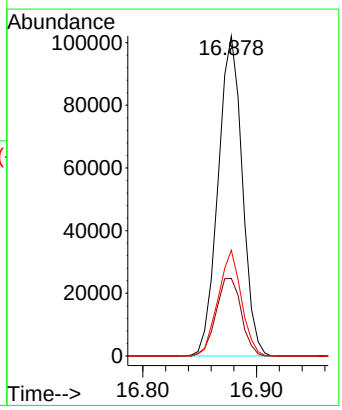


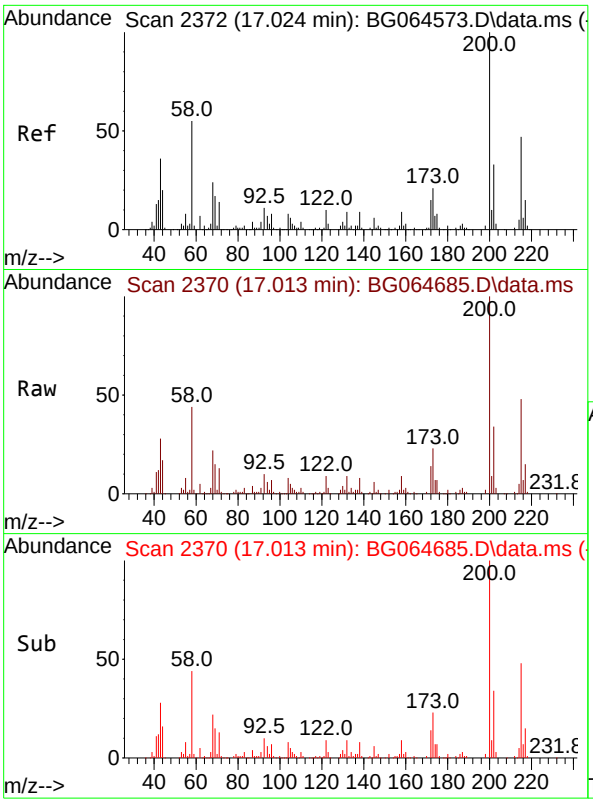


#68
Hexachlorobenzene
Concen: 45.854 ng
RT: 16.878 min Scan# 2347
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:284 Resp: 150702

Ion	Ratio	Lower	Upper
284	100		
142	24.2	21.0	31.6
249	35.2	24.9	37.3



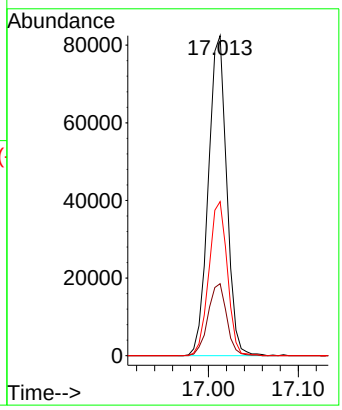


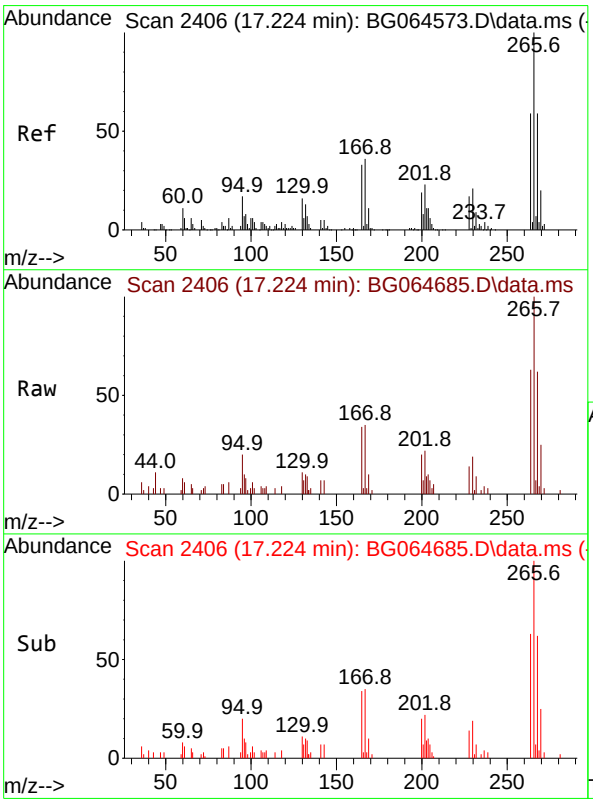
#69
Atrazine
Concen: 41.377 ng
RT: 17.013 min Scan# 2
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:200 Resp: 116929

Ion	Ratio	Lower	Upper
200	100		
173	22.5	0.9	40.9
215	48.2	27.0	67.0

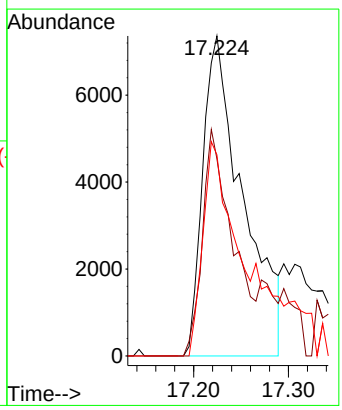


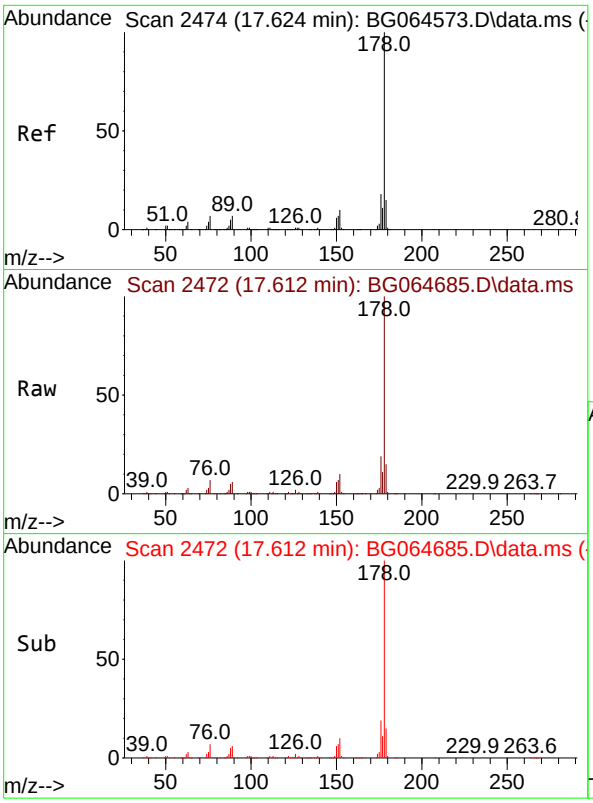


#70
Pentachlorophenol
Concen: 10.564 ng
RT: 17.224 min Scan# 2406
Delta R.T. 0.000 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:266 Resp: 21651

Ion	Ratio	Lower	Upper
266	100		
268	65.1	50.3	75.5
264	62.8	47.3	70.9



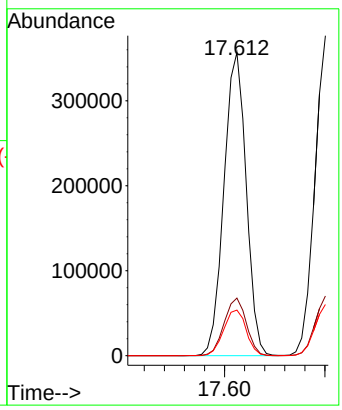


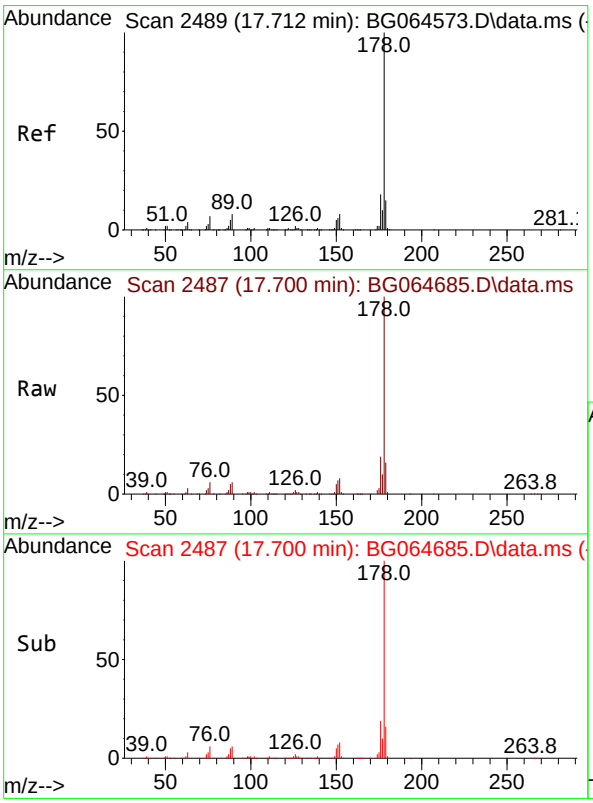
#71
Phenanthrene
Concen: 41.220 ng
RT: 17.612 min Scan# 24
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:178 Resp: 547994

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.7	22.1
179	15.0	12.2	18.4

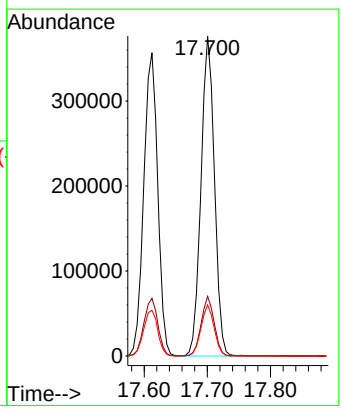


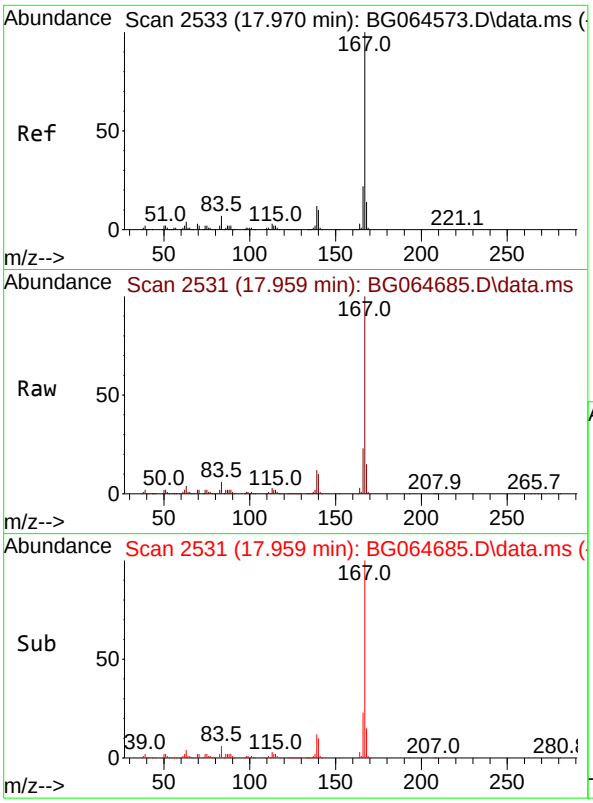


#72
Anthracene
Concen: 41.331 ng
RT: 17.700 min Scan# 2487
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:178 Resp: 558940

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.4	21.6
179	16.0	12.4	18.6



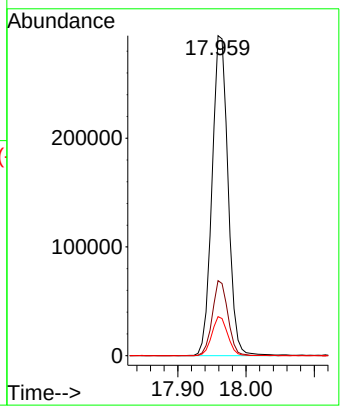


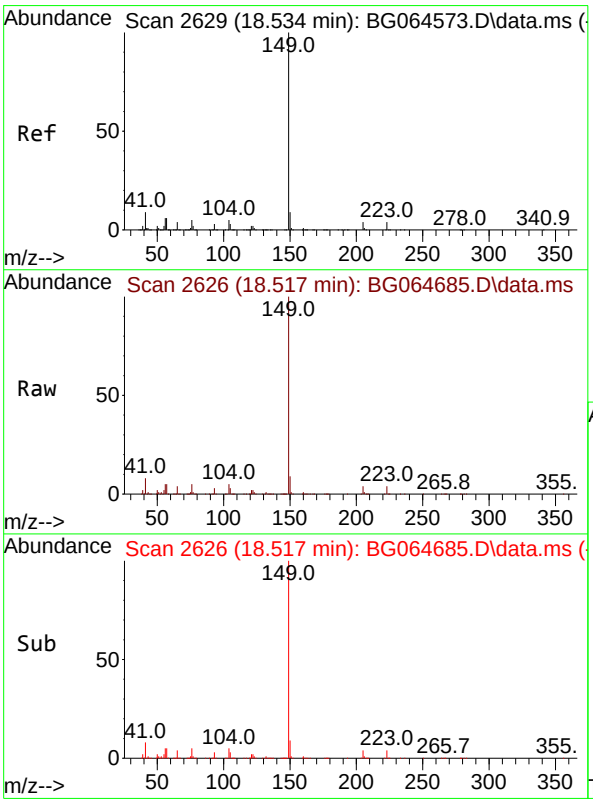
#73
Carbazole
Concen: 40.268 ng
RT: 17.959 min Scan# 2
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:167 Resp: 480205

Ion	Ratio	Lower	Upper
167	100		
166	23.5	17.9	26.9
139	12.2	9.7	14.5

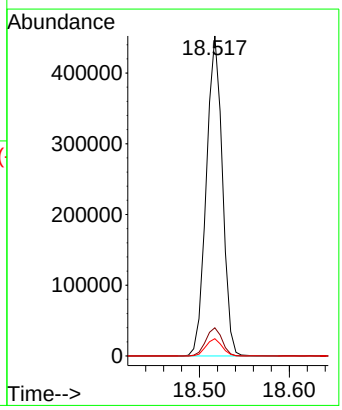


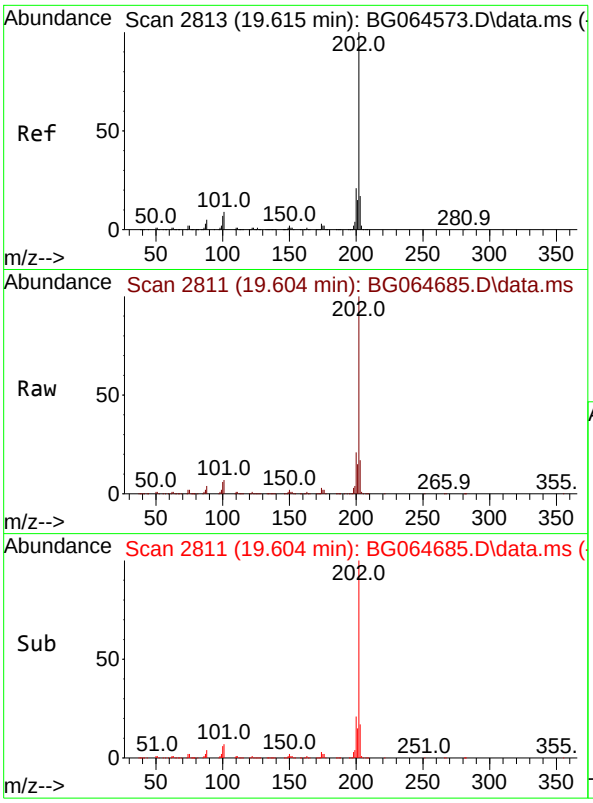


#74
Di-n-butylphthalate
Concen: 40.728 ng
RT: 18.517 min Scan# 2626
Delta R.T. -0.017 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:149 Resp: 561642

Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.0	10.6
104	5.4	4.1	6.1



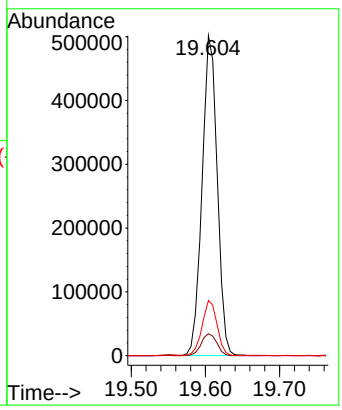


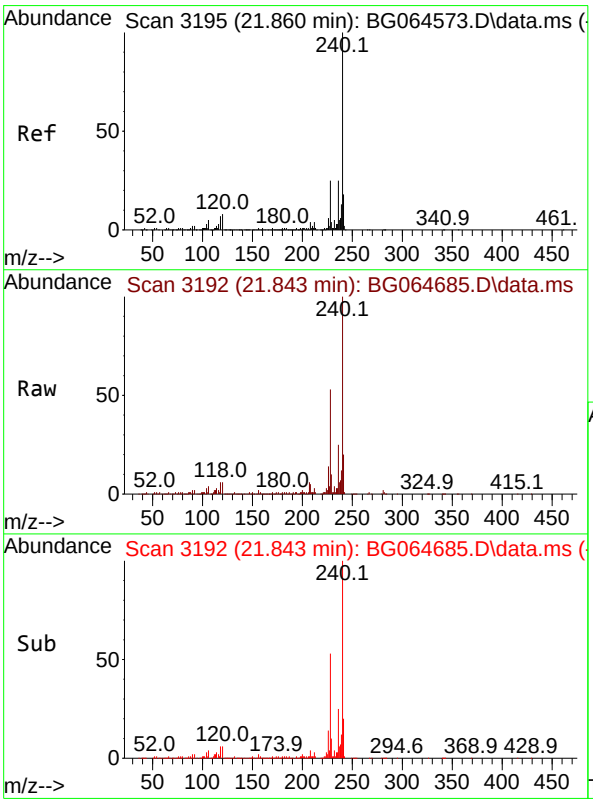
#75
Fluoranthene
Concen: 42.825 ng
RT: 19.604 min Scan# 2
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:202 Resp: 713230

Ion	Ratio	Lower	Upper
202	100		
101	6.9	0.0	28.7
203	17.2	0.0	37.0

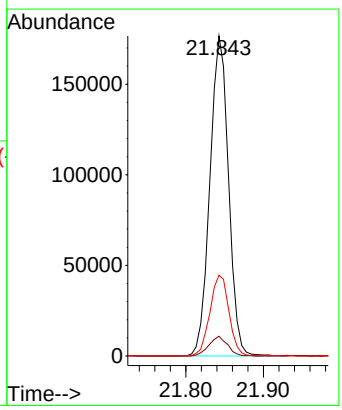


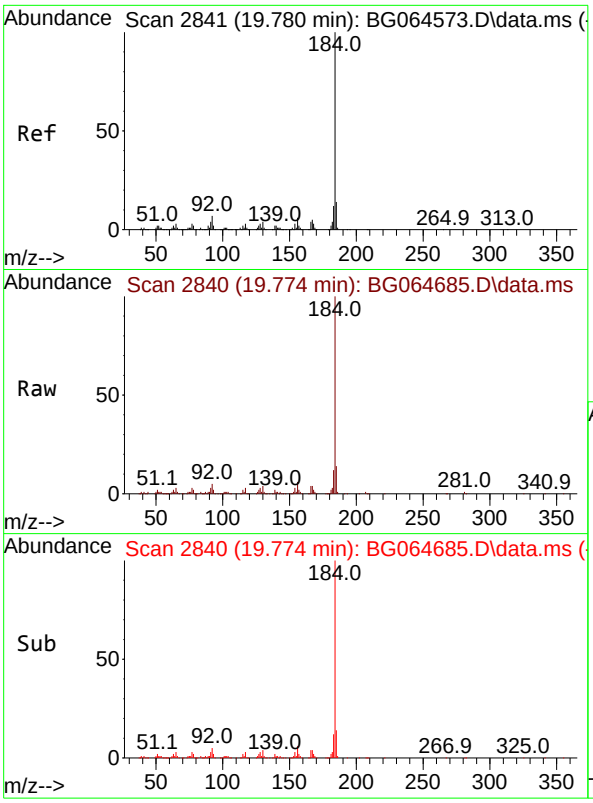


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.843 min Scan# 3192
Delta R.T. -0.017 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:240 Resp: 294757

Ion	Ratio	Lower	Upper
240	100		
120	6.2	6.5	9.7#
236	25.3	20.2	30.2



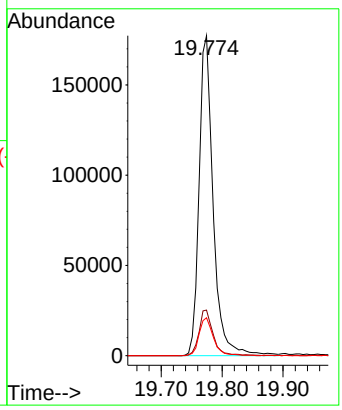


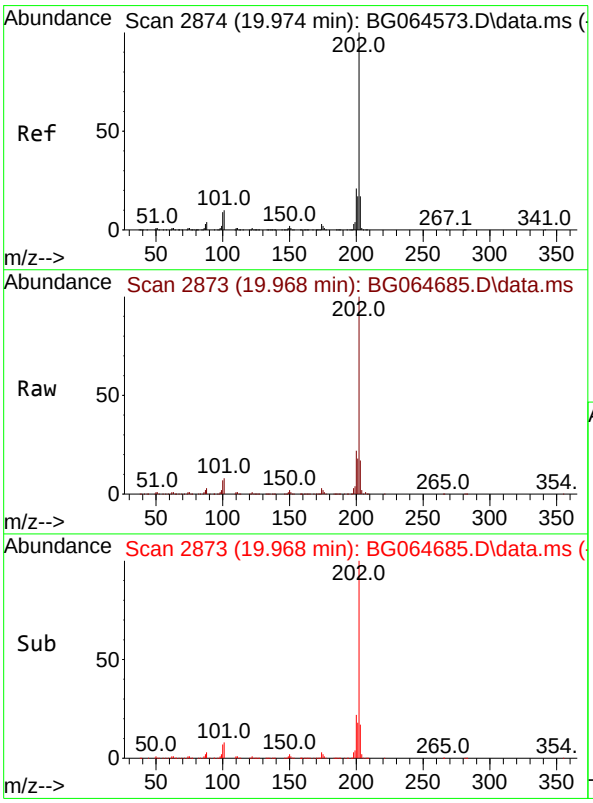
#77
Benzidine
Concen: 42.992 ng
RT: 19.774 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:184 Resp: 283911

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.4	17.2
183	11.9	9.4	14.2

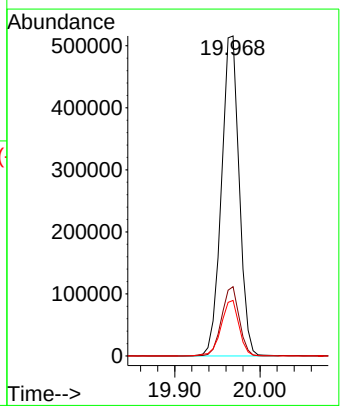


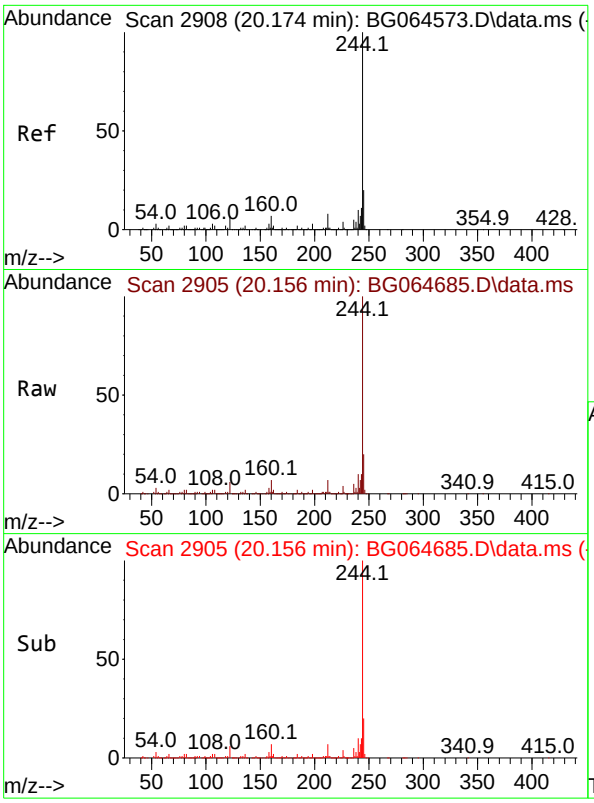


#78
Pyrene
Concen: 38.792 ng
RT: 19.968 min Scan# 2873
Delta R.T. -0.005 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:202 Resp: 747048

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.0	25.4
203	17.4	13.8	20.6



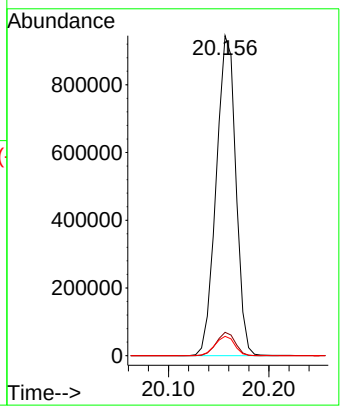


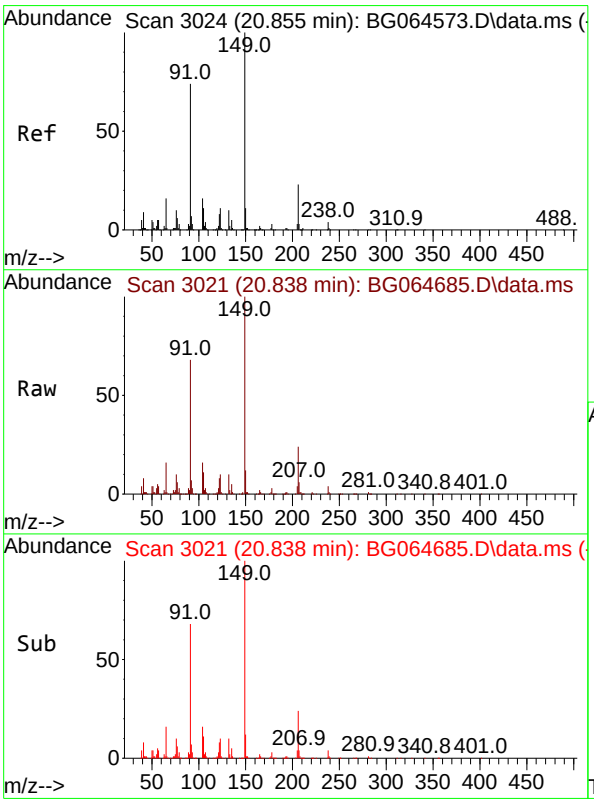
#79
Terphenyl-d14
Concen: 82.031 ng
RT: 20.156 min Scan# 2
Delta R.T. -0.017 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:244 Resp: 1281241

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	6.0	5.6	8.4

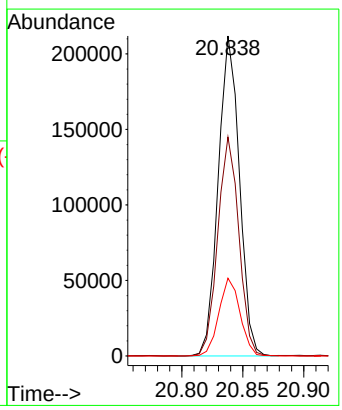


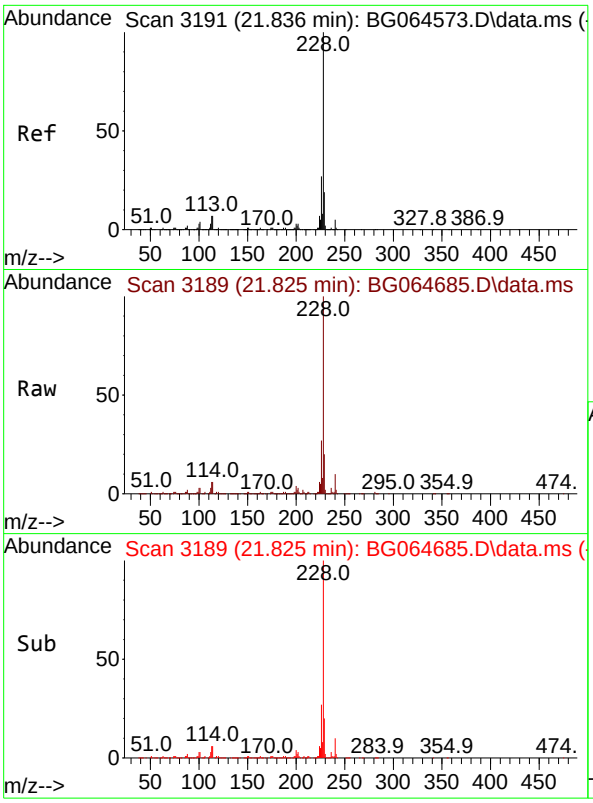


#80
Butylbenzylphthalate
Concen: 44.083 ng
RT: 20.838 min Scan# 3021
Delta R.T. -0.017 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:149 Resp: 256583

Ion	Ratio	Lower	Upper
149	100		
91	68.4	59.2	88.8
206	24.3	18.1	27.1



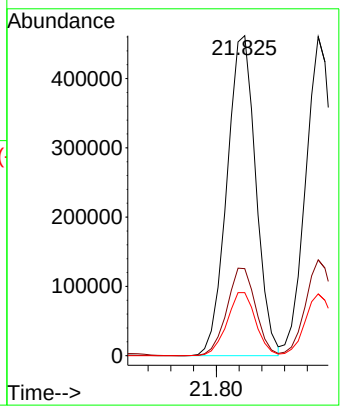


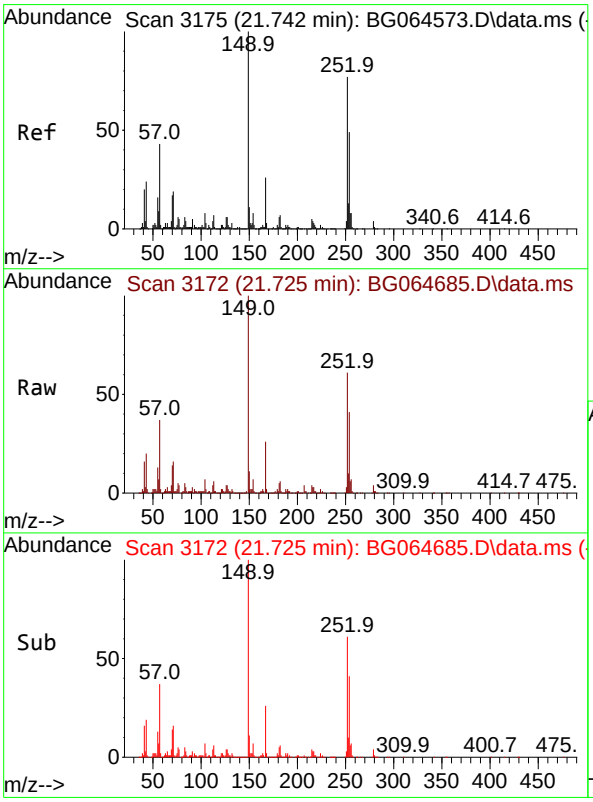
#81
Benzo(a)anthracene
Concen: 41.671 ng
RT: 21.825 min Scan# 3
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:228 Resp: 814427

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.9	32.9
229	19.7	15.6	23.4

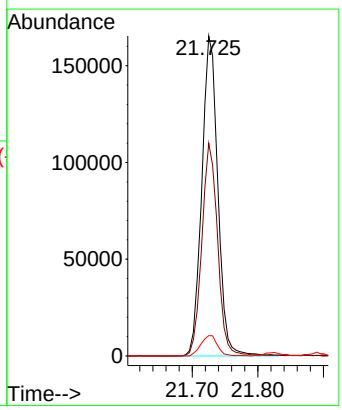


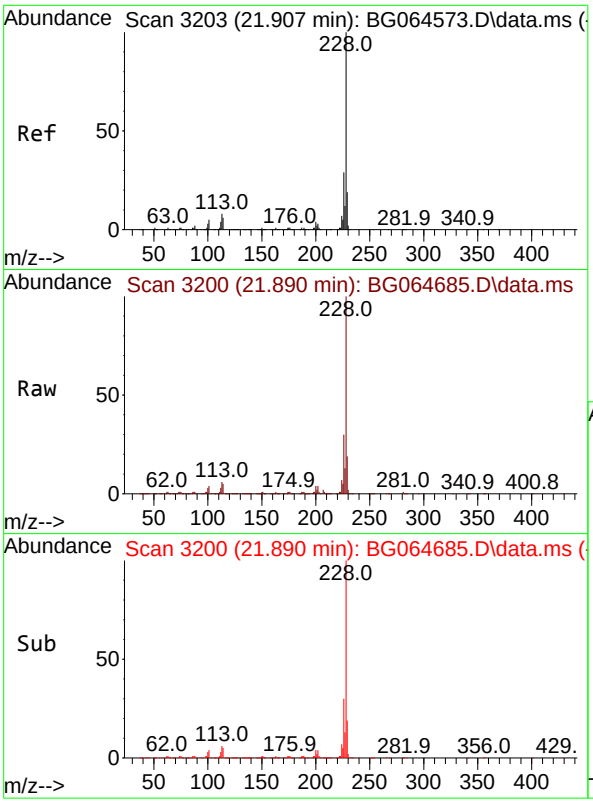


#82
3,3'-Dichlorobenzidine
Concen: 43.227 ng
RT: 21.725 min Scan# 3172
Delta R.T. -0.017 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:252 Resp: 282119

Ion	Ratio	Lower	Upper
252	100		
254	66.5	50.8	76.2
126	6.3	5.8	8.6



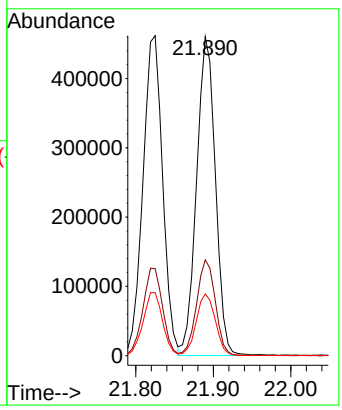


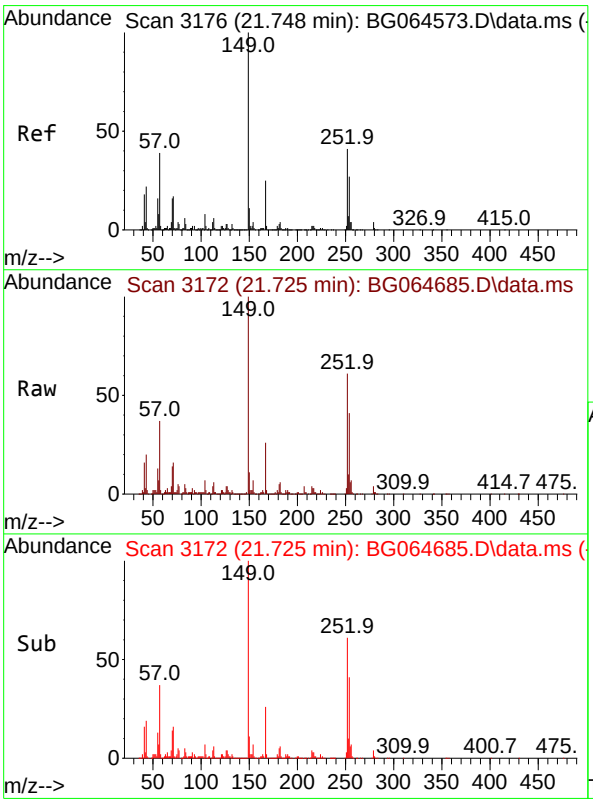
#83
Chrysene
Concen: 41.717 ng
RT: 21.890 min Scan# 3
Delta R.T. -0.017 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:228 Resp: 775795

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.3	34.9
229	19.4	15.2	22.8

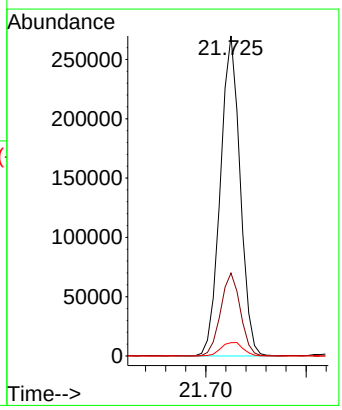


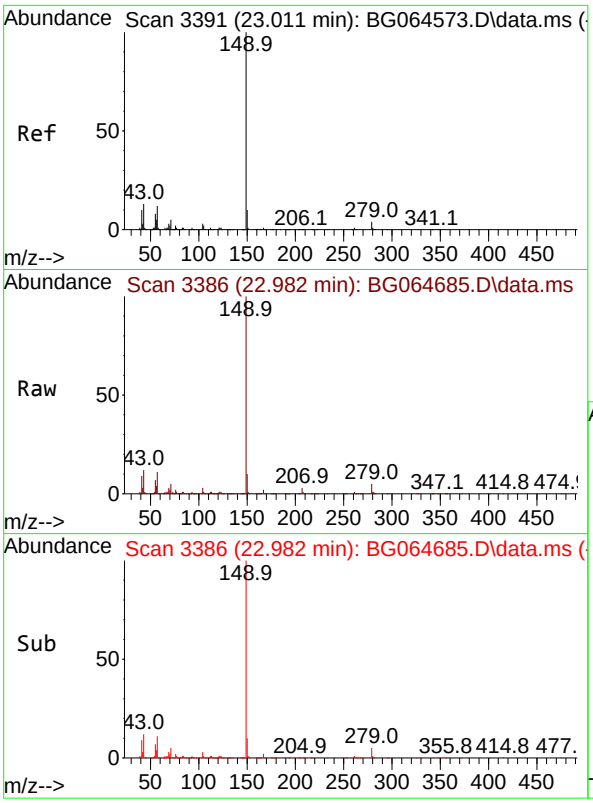


#84
Bis(2-ethylhexyl)phthalate
Concen: 42.332 ng
RT: 21.725 min Scan# 3172
Delta R.T. -0.023 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:149 Resp: 368167

Ion	Ratio	Lower	Upper
149	100		
167	25.9	20.0	30.0
279	4.1	3.1	4.7



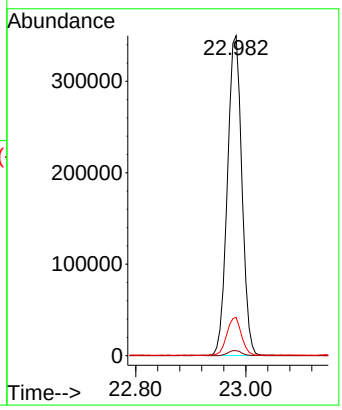


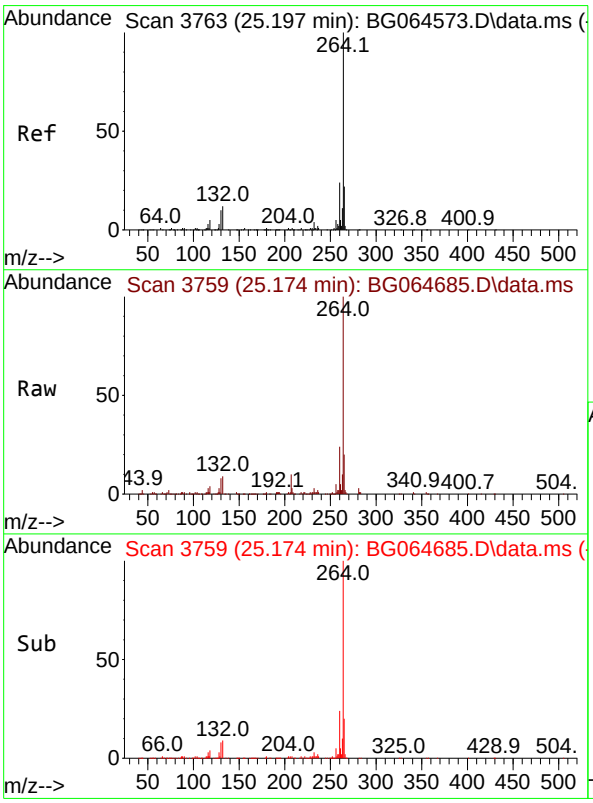
#85
Di-n-octyl phthalate
Concen: 43.518 ng
RT: 22.982 min Scan# 3
Delta R.T. -0.029 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:149 Resp: 638122

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.0	10.8	16.2

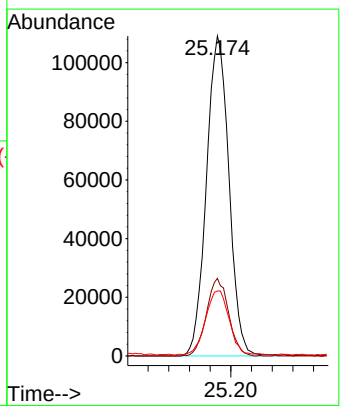


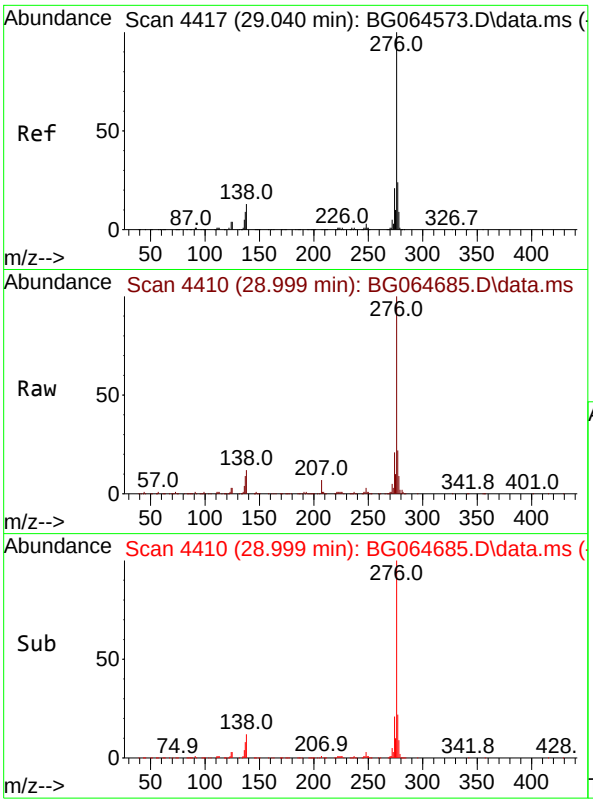


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.174 min Scan# 3759
Delta R.T. -0.023 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:264 Resp: 329770

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.0	28.4
265	20.3	17.6	26.4



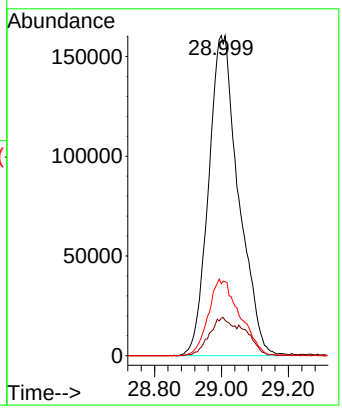


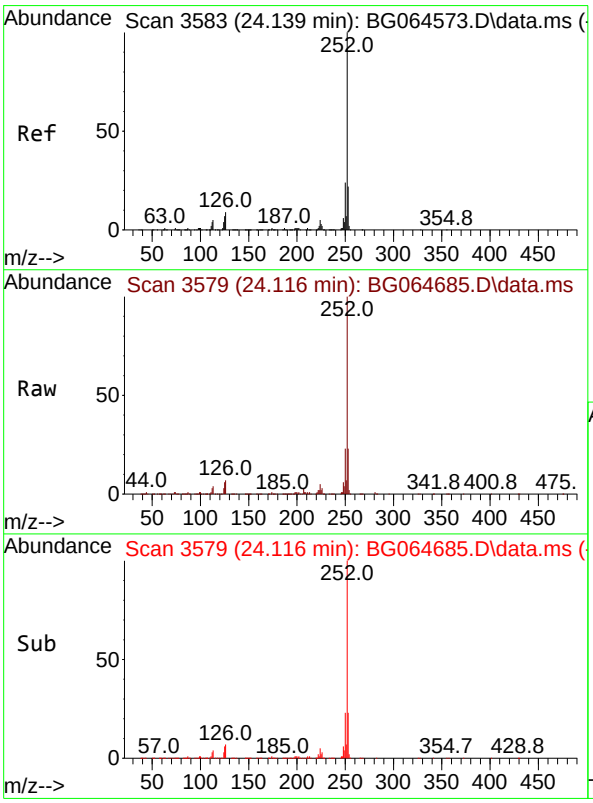
#87
Indeno(1,2,3-cd)pyrene
Concen: 41.153 ng
RT: 28.999 min Scan# 44
Delta R.T. -0.041 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:276 Resp: 998323

Ion	Ratio	Lower	Upper
276	100		
138	9.7	10.8	16.2#
277	10.7	20.1	30.1#

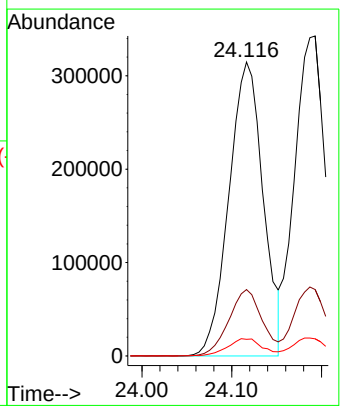


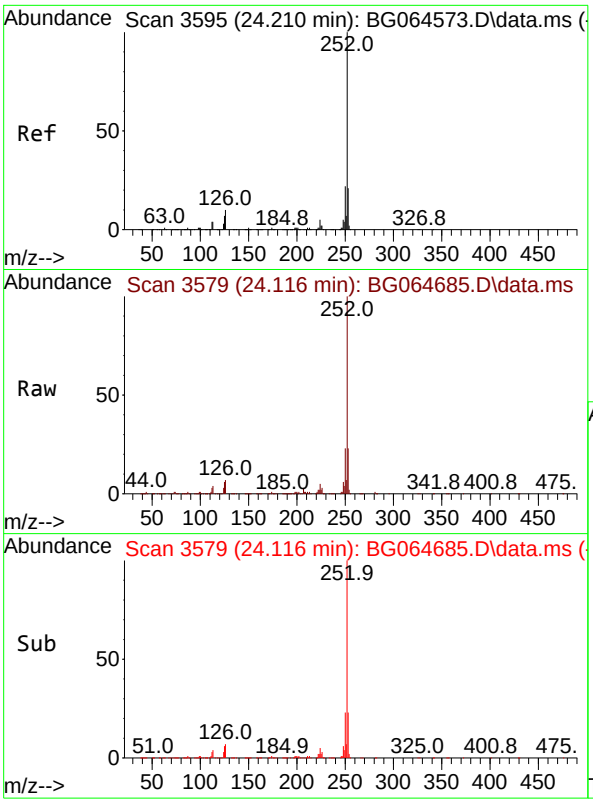


#88
Benzo(b)fluoranthene
Concen: 41.185 ng
RT: 24.116 min Scan# 3579
Delta R.T. -0.023 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:252 Resp: 832816

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	5.7	5.6	8.4



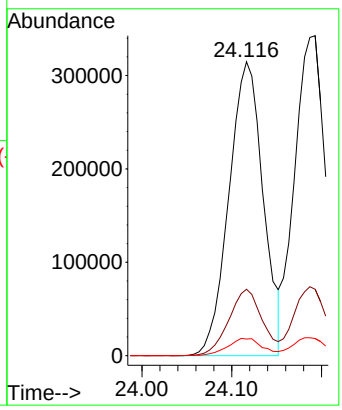


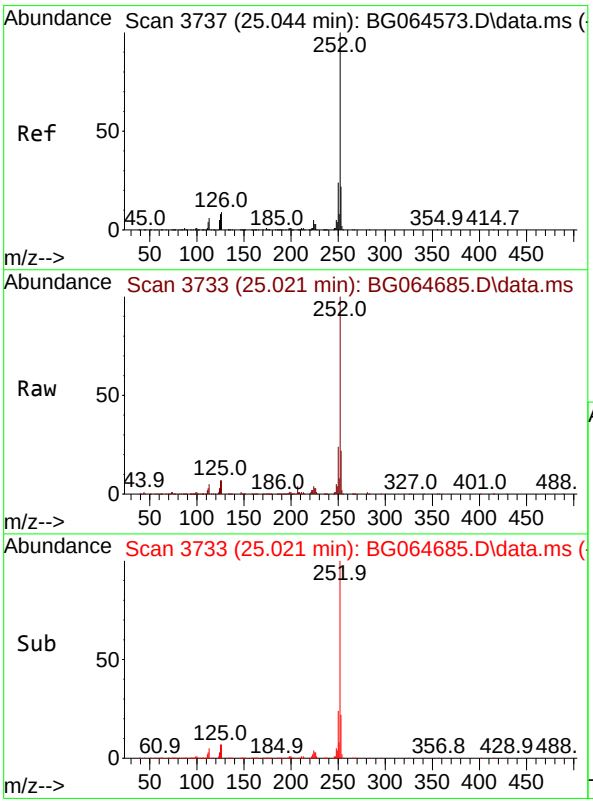
#89
Benzo(k)fluoranthene
Concen: 41.157 ng
RT: 24.116 min Scan# 3
Delta R.T. -0.094 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:252 Resp: 832816

Ion	Ratio	Lower	Upper
252	100		
253	22.6	16.8	25.2
125	5.7	5.4	8.0

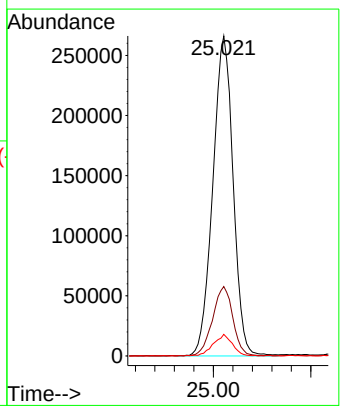


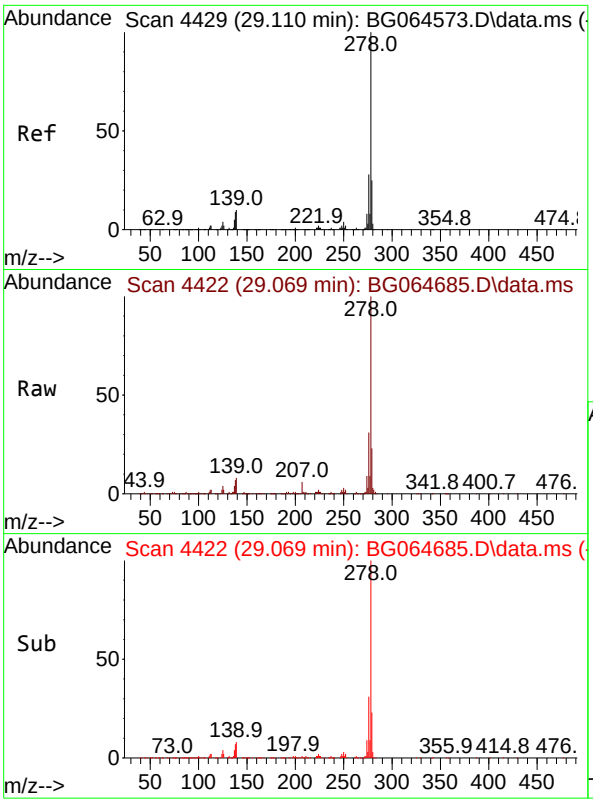


#90
Benzo(a)pyrene
Concen: 41.456 ng
RT: 25.021 min Scan# 3733
Delta R.T. -0.023 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:252 Resp: 770578

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	6.8	6.1	9.1



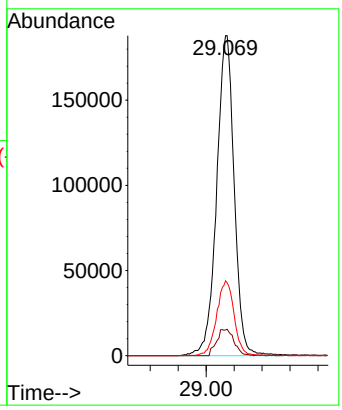


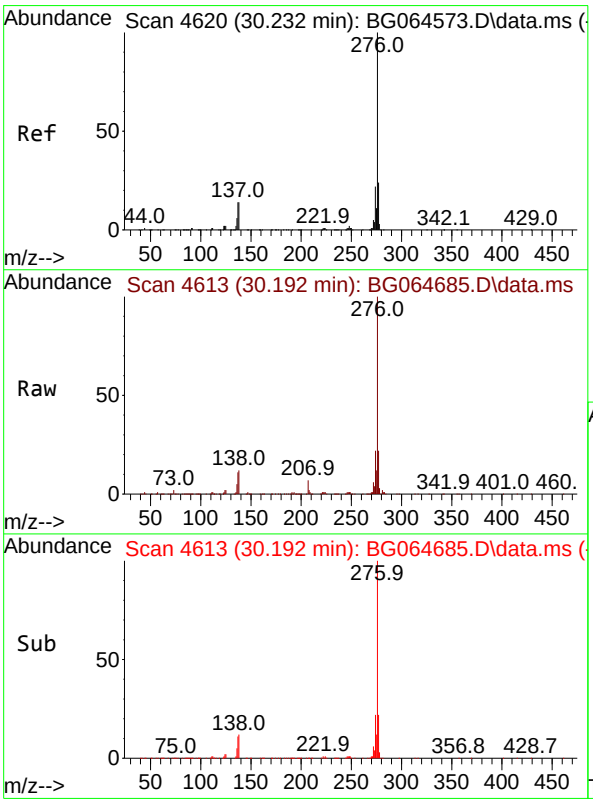
#91
Dibenzo(a,h)anthracene
Concen: 41.530 ng
RT: 29.069 min Scan# 4
Delta R.T. -0.041 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:278 Resp: 818493

Ion	Ratio	Lower	Upper
278	100		
139	8.0	8.0	12.0
279	23.4	19.8	29.6





#92
Benzo(g,h,i)perylene
Concen: 41.169 ng
RT: 30.192 min Scan# 4613
Delta R.T. -0.041 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:276 Resp: 775096

Ion	Ratio	Lower	Upper
276	100		
277	22.2	19.1	28.7
138	12.5	11.3	16.9

