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

DATA PACKAGE

SEMI-VOLATILE ORGANICS

PROJECT NAME : AE1-CTY 3.2.Z-PR-DOCK-DES-ODC - 60693795-1719206

AECOM

605 3rd Avenue

29th Floor

New York, NY - 10158

Phone No: 212-973-2900

ORDER ID : Q3375

ATTENTION : Rob Forstner

Laboratory Certification ID # 20012

Alliance TECHNICAL GROUP

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Cover Page

Order ID : Q3375

Project ID : AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206

Client : AECOM

Lab Sample Number	Client Sample Number
Q3375-01	PR132-S02-074099-20251016
Q3375-02	PR132-S04-000013-20251016
Q3375-03	PR132-S05-000057-20251016
Q3375-04	PR132-S02-010074-20251016
Q3375-05	PR132-DP02-20251016

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: 10/27/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

AECOM
Project Name: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Project # N/A
Order ID # Q3375
Test Name: SVOC-TCL BNA -20

A. Number of Samples and Date of Receipt:
5 Solid samples were received on 10/16/2025.

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_F using GC Column DB-UI 8270D which is 20 meters, 0.18 mm ID, 0.36 um df. The samples were analyzed on instrument BNA_G using GC Column ZB-SemiVolatiles 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 recoveries met the requirements for all compounds.
The MSD recoveries met the requirements for all compounds.
The RPD were met for all analysis.
The Blank Spike met requirements for all compounds.
The Blank analysis did not indicate the presence of lab contamination.

The %RSD is greater than 20% in the Initial Calibration (Method 8270-BF100625.M) for 2,4-Dinitrophenol this Compounds is passing on Linear regression.

The Continuous Calibration met the requirements.
The Tuning criteria met requirements.

E. 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.

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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: Q3375 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 Initial Calibration (Method 8270-BF100625.M) for 2,4-Dinitrophenol this Compounds is passing on Linear regression.			
	The Continuous Calibration met the requirements.			
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.			
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 Blank Spike met requirements for all compounds.			

GC/MS SEMI-VOLATILE ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

		NA	NO	YES
9.	Internal Standard Area/Retention Time Shift Meet Criteria			✓
	Comments:			
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 #: Q3375

	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:** 10/27/2025

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LAB CHRONICLE

OrderID:	Q3375	**OrderDate:**	10/17/2025 10:32:00 AM
Client:	AECOM	**Project:**	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60697095.171206
Contact:	Rob Forstner	**Location:**	DOT/TOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3375-01	**PR132-S02-074099-20251016**	**SOIL**			**10/16/25**			**10/16/25**
			SVOC-TCL BNA -20	8270E		10/20/25	10/21/25	
Q3375-02	**PR132-S04-000013-20251016**	**SOIL**			**10/16/25**			**10/16/25**
			SVOC-TCL BNA -20	8270E		10/20/25	10/21/25	
Q3375-03	**PR132-S05-000057-20251016**	**SOIL**			**10/16/25**			**10/16/25**
			SVOC-TCL BNA -20	8270E		10/20/25	10/21/25	
Q3375-04	**PR132-S02-010074-20251016**	**SOIL**			**10/16/25**			**10/16/25**
			SVOC-TCL BNA -20	8270E		10/20/25	10/21/25	
Q3375-05	**PR132-DP02-074099-20251016**	**SOIL**			**10/16/25**			**10/16/25**
			SVOC-TCL BNA -20	8270E		10/20/25	10/21/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3375

Client: AECOM

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID :	**PR132-S02-074099-20251016**								
Q3375-01	PR132-S02-074099-2025	SOIL	Benzophenone	*	280.000	J	0	0	ug/Kg
Q3375-01	PR132-S02-074099-2025	SOIL	Tridecanoic acid	*	240.000	J	0	0	ug/Kg
			Total Tics :		**520.00**				
			Total Concentration:		**520.00**				
Client ID :	**PR132-S04-000013-20251016**								
Q3375-02	PR132-S04-000013-2025	SOIL	Benzophenone	*	390.000	J	0	0	ug/Kg
Q3375-02	PR132-S04-000013-2025	SOIL	n-Hexadecanoic acid	*	250.000	J	0	0	ug/Kg
Q3375-02	PR132-S04-000013-2025	SOIL	Pentafluoropropionic acid, heptad	*	220.000	J	0	0	ug/Kg
			Total Tics :		**860.00**				
			Total Concentration:		**860.00**				
Client ID :	**PR132-S05-000057-20251016**								
Q3375-03	PR132-S05-000057-2025	SOIL	Benzophenone	*	220.000	J	0	0	ug/Kg
			Total Tics :		**220.00**				
			Total Concentration:		**220.00**				
Client ID :	**PR132-S02-010074-20251016**								
Q3375-04	PR132-S02-010074-2025	SOIL	Benzo(a)pyrene		130.000	J	53.3	310	ug/Kg
			Total Svoc :		**130.00**				
Q3375-04	PR132-S02-010074-2025	SOIL	1-Heneicosanol	*	270.000	J	0	0	ug/Kg
Q3375-04	PR132-S02-010074-2025	SOIL	Benzophenone	*	460.000	J	0	0	ug/Kg
Q3375-04	PR132-S02-010074-2025	SOIL	Dodecane, 2,7,10-trimethyl-	*	170.000	J	0	0	ug/Kg
Q3375-04	PR132-S02-010074-2025	SOIL	Tridecane	*	180.000	J	0	0	ug/Kg
Q3375-04	PR132-S02-010074-2025	SOIL	Tridecanoic acid	*	330.000	J	0	0	ug/Kg
Q3375-04	PR132-S02-010074-2025	SOIL	Undecane, 2,6-dimethyl-	*	140.000	J	0	0	ug/Kg
			Total Tics :		**1,550.00**				
			Total Concentration:		**1,680.00**				
Client ID :	**PR132-DP02-074099-20251016**								
Q3375-05	PR132-DP02-074099-202	SOIL	Phenanthrene		99.800	J	31.3	250	ug/Kg
Q3375-05	PR132-DP02-074099-202	SOIL	Fluoranthene		160.000	J	44.9	250	ug/Kg
Q3375-05	PR132-DP02-074099-202	SOIL	Bis(2-ethylhexyl)phthalate		130.000	J	88.6	250	ug/Kg
			Total Svoc :		**389.80**				
Q3375-05	PR132-DP02-074099-202	SOIL	Benzophenone	*	300.000	J	0	0	ug/Kg
Q3375-05	PR132-DP02-074099-202	SOIL	Cyclopentadecane	*	150.000	J	0	0	ug/Kg
Q3375-05	PR132-DP02-074099-202	SOIL	n-Hexadecanoic acid	*	280.000	J	0	0	ug/Kg
			Total Tics :		**730.00**				
			Total Concentration:		**1,119.80**				

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Hit Summary Sheet
SW-846

SDG No.: Q3375

Client: AECOM

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SW-846

SDG No.: Q3375

Client: AECOM

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	High
PB170165BL	PB170165BL	2-Fluorophenol	150	143	95		18	112
		Phenol-d6	150	133	89		15	107
		Nitrobenzene-d5	100	96.4	96		18	107
		2-Fluorobiphenyl	100	96.2	96		20	109
		2,4,6-Tribromophenol	150	158	105		10	116
		Terphenyl-d14	100	103	103		10	105
PB170165BS	PB170165BS	2-Fluorophenol	150	109	73		18	112
		Phenol-d6	150	125	84		15	107
		Nitrobenzene-d5	100	83.5	84		18	107
		2-Fluorobiphenyl	100	82.8	83		20	109
		2,4,6-Tribromophenol	150	135	90		10	116
		Terphenyl-d14	100	86.2	86		10	105
Q3375-01	PR132-S02-074099-20251016	2-Fluorophenol	150	67.8	45		18	112
		Phenol-d6	150	65.1	43		15	107
		Nitrobenzene-d5	100	43.7	44		18	107
		2-Fluorobiphenyl	100	38.6	39		20	109
		2,4,6-Tribromophenol	150	57.6	38		10	116
		Terphenyl-d14	100	28.1	28		10	105
Q3375-02	PR132-S04-000013-20251016	2-Fluorophenol	150	87.8	59		18	112
		Phenol-d6	150	85.8	57		15	107
		Nitrobenzene-d5	100	61.3	61		18	107
		2-Fluorobiphenyl	100	61.2	61		20	109
		2,4,6-Tribromophenol	150	79.9	53		10	116
		Terphenyl-d14	100	44.1	44		10	105
Q3375-03	PR132-S05-000057-20251016	2-Fluorophenol	150	59.8	40		18	112
		Phenol-d6	150	57.6	38		15	107
		Nitrobenzene-d5	100	40.5	40		18	107
		2-Fluorobiphenyl	100	36.8	37		20	109
		2,4,6-Tribromophenol	150	47.6	32		10	116
		Terphenyl-d14	100	23.4	23		10	105
Q3375-04	PR132-S02-010074-20251016	2-Fluorophenol	150	84.6	56		18	112
		Phenol-d6	150	82.3	55		15	107
		Nitrobenzene-d5	100	57.6	58		18	107
		2-Fluorobiphenyl	100	50.7	51		20	109
		2,4,6-Tribromophenol	150	72.6	48		10	116
		Terphenyl-d14	100	35.4	35		10	105
Q3375-05	PR132-DP02-074099-20251016	2-Fluorophenol	150	82.9	55		18	112
		Phenol-d6	150	78.6	52		15	107
		Nitrobenzene-d5	100	57.5	57		18	107
		2-Fluorobiphenyl	100	50.3	50		20	109
		2,4,6-Tribromophenol	150	70.8	47		10	116
		Terphenyl-d14	100	35.0	35		10	105
Q3381-03MS	VNJ-245MS	2-Fluorophenol	150	67.4	45		18	112
		Phenol-d6	150	68.3	46		15	107
		Nitrobenzene-d5	100	46.1	46		18	107
		2-Fluorobiphenyl	100	32.4	32		20	109
		2,4,6-Tribromophenol	150	59.5	40		10	116
		Terphenyl-d14	100	35.4	35		10	105
Q3381-03MSD	VNJ-245MSD	2-Fluorophenol	150	67.2	45		18	112
		Phenol-d6	150	68.8	46		15	107
		Nitrobenzene-d5	100	46.4	46		18	107

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Surrogate Summary

SW-846

SDG No.: Q3375

Client: AECOM

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3381-03MSD	VNJ-245MSD	2-Fluorobiphenyl	100	32.2	32		20	109
		2,4,6-Tribromophenol	150	55.9	37		10	116
		Terphenyl-d14	100	32.9	33		10	105

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3375 **Analytical Method:** SW8270E

Client: AECOM **DataFile:** BF144000.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3381-03MS		**Client Sample ID: VNJ-245MS**									
Benzaldehyde	1200	0	650	ug/Kg	54				10	171	
Phenol	1200	0	1100	ug/Kg	92				51	122	
bis(2-Chloroethyl)ether	1200	0	1100	ug/Kg	92				54	125	
2-Chlorophenol	1200	0	1100	ug/Kg	92				51	121	
2-Methylphenol	1200	0	1100	ug/Kg	92				47	125	
2,2-oxybis(1-Chloropropane)	1200	0	1100	ug/Kg	92				46	119	
Acetophenone	1200	0	1200	ug/Kg	100				55	128	
3+4-Methylphenols	1200	0	1100	ug/Kg	92				49	125	
N-Nitroso-di-n-propylamine	1200	0	1000	ug/Kg	83				59	119	
Hexachloroethane	1200	0	1100	ug/Kg	92				51	116	
Nitrobenzene	1200	0	1200	ug/Kg	100				47	124	
Isophorone	1200	0	1100	ug/Kg	92				49	127	
2-Nitrophenol	1200	0	1300	ug/Kg	108				43	131	
2,4-Dimethylphenol	1200	0	1200	ug/Kg	100				63	151	
bis(2-Chloroethoxy)methane	1200	0	1100	ug/Kg	92				51	119	
2,4-Dichlorophenol	1200	0	1100	ug/Kg	92				50	122	
Naphthalene	1200	0	1100	ug/Kg	92				51	121	
4-Chloroaniline	1200	0	540	ug/Kg	45				10	100	
Hexachlorobutadiene	1200	0	1100	ug/Kg	92				44	126	
Caprolactam	1200	0	1100	ug/Kg	92				51	134	
4-Chloro-3-methylphenol	1200	0	1100	ug/Kg	92				57	132	
2-Methylnaphthalene	1200	0	1000	ug/Kg	83				59	123	
Hexachlorocyclopentadiene	2400	0	2400	ug/Kg	100				10	175	
2,4,6-Trichlorophenol	1200	0	1100	ug/Kg	92				33	141	
2,4,5-Trichlorophenol	1200	0	1100	ug/Kg	92				38	135	
1,1-Biphenyl	1200	0	1300	ug/Kg	108				55	131	
2-Chloronaphthalene	1200	0	1100	ug/Kg	92				48	124	
2-Nitroaniline	1200	0	1200	ug/Kg	100				47	134	
Dimethylphthalate	1200	0	1100	ug/Kg	92				54	120	
Acenaphthylene	1200	0	1300	ug/Kg	108				57	125	
2,6-Dinitrotoluene	1200	0	1300	ug/Kg	108				48	127	
3-Nitroaniline	1200	0	780	ug/Kg	65				10	112	
Acenaphthene	1200	0	1100	ug/Kg	92				70	121	
2,4-Dinitrophenol	2400	0	1400	ug/Kg	58				10	155	
4-Nitrophenol	2400	0	2100	ug/Kg	88				10	175	
Dibenzofuran	1200	0	1100	ug/Kg	92				52	114	
2,4-Dinitrotoluene	1200	0	1300	ug/Kg	108				41	140	
Diethylphthalate	1200	0	1100	ug/Kg	92				51	119	
4-Chlorophenyl-phenylether	1200	0	1100	ug/Kg	92				48	122	
Fluorene	1200	0	1200	ug/Kg	100				53	118	
4-Nitroaniline	1200	0	1100	ug/Kg	92				29	140	
4,6-Dinitro-2-methylphenol	1200	0	1100	ug/Kg	92				10	160	
N-Nitrosodiphenylamine	1200	0	1200	ug/Kg	100				73	118	
4-Bromophenyl-phenylether	1200	0	1200	ug/Kg	100				65	121	
Hexachlorobenzene	1200	0	1200	ug/Kg	100				67	118	
Atrazine	1200	0	1200	ug/Kg	100				45	175	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3375 **Analytical Method:** SW8270E

Client: AECOM **DataFile:** BF144000.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Pentachlorophenol	2400	0	1900	ug/Kg	79				13	153	
Phenanthrene	1200	210	1300	ug/Kg	91				52	128	
Anthracene	1200	120	1200	ug/Kg	90				62	124	
Carbazole	1200	0	1200	ug/Kg	100				59	119	
Di-n-butylphthalate	1200	0	1200	ug/Kg	100				55	125	
Fluoranthene	1200	330	1400	ug/Kg	89				44	125	
Pyrene	1200	240	1200	ug/Kg	80				37	122	
Butylbenzylphthalate	1200	0	1200	ug/Kg	100				44	135	
3,3-Dichlorobenzidine	1200	0	820	ug/Kg	68				15	112	
Benzo(a)anthracene	1200	230	1500	ug/Kg	106				53	119	
Chrysene	1200	360	1400	ug/Kg	87				57	121	
bis(2-Ethylhexyl)phthalate	1200	0	1300	ug/Kg	108				42	169	
Di-n-octyl phthalate	1200	0	1500	ug/Kg	125				51	156	
Benzo(b)fluoranthene	1200	420	1400	ug/Kg	82				52	117	
Benzo(k)fluoranthene	1200	130	1100	ug/Kg	81				57	134	
Benzo(a)pyrene	1200	250	1400	ug/Kg	96				70	142	
Indeno(1,2,3-cd)pyrene	1200	120	1300	ug/Kg	98				40	129	
Dibenz(a,h)anthracene	1200	51.1	1200	ug/Kg	96				43	123	
Benzo(g,h,i)perylene	1200	130	1300	ug/Kg	98				24	125	
1,2,4,5-Tetrachlorobenzene	1200	0	1300	ug/Kg	108				52	134	
1,4-Dioxane	1200	0	1100	ug/Kg	92				46	112	
2,3,4,6-Tetrachlorophenol	1200	0	1100	ug/Kg	92				24	146	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3375 **Analytical Method:** SW8270E

Client: AECOM **DataFile:** BF144001.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3381-03MSD		**Client Sample ID: VNJ-245MSD**									
Benzaldehyde	1200	0	660	ug/Kg	55		2		10	171	20
Phenol	1200	0	1200	ug/Kg	100		8		51	122	20
bis(2-Chloroethyl)ether	1200	0	1100	ug/Kg	92		0		54	125	20
2-Chlorophenol	1200	0	1100	ug/Kg	92		0		51	121	20
2-Methylphenol	1200	0	1100	ug/Kg	92		0		47	125	20
2,2-oxybis(1-Chloropropane)	1200	0	1100	ug/Kg	92		0		46	119	20
Acetophenone	1200	0	1200	ug/Kg	100		0		55	128	20
3+4-Methylphenols	1200	0	1100	ug/Kg	92		0		49	125	20
N-Nitroso-di-n-propylamine	1200	0	1000	ug/Kg	83		0		59	119	20
Hexachloroethane	1200	0	1100	ug/Kg	92		0		51	116	20
Nitrobenzene	1200	0	1200	ug/Kg	100		0		47	124	20
Isophorone	1200	0	1100	ug/Kg	92		0		49	127	20
2-Nitrophenol	1200	0	1300	ug/Kg	108		0		43	131	20
2,4-Dimethylphenol	1200	0	1200	ug/Kg	100		0		63	151	20
bis(2-Chloroethoxy)methane	1200	0	1100	ug/Kg	92		0		51	119	20
2,4-Dichlorophenol	1200	0	1100	ug/Kg	92		0		50	122	20
Naphthalene	1200	0	1100	ug/Kg	92		0		51	121	20
4-Chloroaniline	1200	0	480	ug/Kg	40		12		10	100	20
Hexachlorobutadiene	1200	0	1100	ug/Kg	92		0		44	126	20
Caprolactam	1200	0	1100	ug/Kg	92		0		51	134	20
4-Chloro-3-methylphenol	1200	0	1100	ug/Kg	92		0		57	132	20
2-Methylnaphthalene	1200	0	1000	ug/Kg	83		0		59	123	20
Hexachlorocyclopentadiene	2500	0	2400	ug/Kg	96		4		10	175	20
2,4,6-Trichlorophenol	1200	0	1100	ug/Kg	92		0		33	141	20
2,4,5-Trichlorophenol	1200	0	1100	ug/Kg	92		0		38	135	20
1,1-Biphenyl	1200	0	1300	ug/Kg	108		0		55	131	20
2-Chloronaphthalene	1200	0	1100	ug/Kg	92		0		48	124	20
2-Nitroaniline	1200	0	1200	ug/Kg	100		0		47	134	20
Dimethylphthalate	1200	0	1100	ug/Kg	92		0		54	120	20
Acenaphthylene	1200	0	1300	ug/Kg	108		0		57	125	20
2,6-Dinitrotoluene	1200	0	1300	ug/Kg	108		0		48	127	20
3-Nitroaniline	1200	0	720	ug/Kg	60		8		10	112	20
Acenaphthene	1200	0	1200	ug/Kg	100		8		70	121	20
2,4-Dinitrophenol	2500	0	1500	ug/Kg	60		3		10	155	20
4-Nitrophenol	2500	0	2000	ug/Kg	80		10		10	175	20
Dibenzofuran	1200	0	1100	ug/Kg	92		0		52	114	20
2,4-Dinitrotoluene	1200	0	1300	ug/Kg	108		0		41	140	20
Diethylphthalate	1200	0	1100	ug/Kg	92		0		51	119	20
4-Chlorophenyl-phenylether	1200	0	1100	ug/Kg	92		0		48	122	20
Fluorene	1200	0	1100	ug/Kg	92		8		53	118	20
4-Nitroaniline	1200	0	1000	ug/Kg	83		10		29	140	20
4,6-Dinitro-2-methylphenol	1200	0	1100	ug/Kg	92		0		10	160	20
N-Nitrosodiphenylamine	1200	0	1300	ug/Kg	108		8		73	118	20
4-Bromophenyl-phenylether	1200	0	1200	ug/Kg	100		0		65	121	20
Hexachlorobenzene	1200	0	1200	ug/Kg	100		0		67	118	20
Atrazine	1200	0	1200	ug/Kg	100		0		45	175	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3375 **Analytical Method:** SW8270E

Client: AECOM **DataFile:** BF144001.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	2500	0	1900	ug/Kg	76	4			13	153	20
Phenanthrene	1200	210	1300	ug/Kg	91	0			52	128	20
Anthracene	1200	120	1200	ug/Kg	90	0			62	124	20
Carbazole	1200	0	1200	ug/Kg	100	0			59	119	20
Di-n-butylphthalate	1200	0	1100	ug/Kg	92	8			55	125	20
Fluoranthene	1200	330	1300	ug/Kg	81	9			44	125	20
Pyrene	1200	240	1100	ug/Kg	72	11			37	122	20
Butylbenzylphthalate	1200	0	1100	ug/Kg	92	8			44	135	20
3,3-Dichlorobenzidine	1200	0	810	ug/Kg	68	0			15	112	20
Benzo(a)anthracene	1200	230	1400	ug/Kg	98	8			53	119	20
Chrysene	1200	360	1400	ug/Kg	87	0			57	121	20
bis(2-Ethylhexyl)phthalate	1200	0	1200	ug/Kg	100	8			42	169	20
Di-n-octyl phthalate	1200	0	1400	ug/Kg	117	7			51	156	20
Benzo(b)fluoranthene	1200	420	1400	ug/Kg	82	0			52	117	20
Benzo(k)fluoranthene	1200	130	1200	ug/Kg	89	9			57	134	20
Benzo(a)pyrene	1200	250	1400	ug/Kg	96	0			70	142	20
Indeno(1,2,3-cd)pyrene	1200	120	1300	ug/Kg	98	0			40	129	20
Dibenz(a,h)anthracene	1200	51.1	1200	ug/Kg	96	0			43	123	20
Benzo(g,h,i)perylene	1200	130	1300	ug/Kg	98	0			24	125	20
1,2,4,5-Tetrachlorobenzene	1200	0	1200	ug/Kg	100	8			52	134	20
1,4-Dioxane	1200	0	1100	ug/Kg	92	0			46	112	20
2,3,4,6-Tetrachlorophenol	1200	0	1100	ug/Kg	92	0			24	146	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3375 **Analytical Method:** 8270E

Client: AECOM **DataFile:** BG064549.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB170165BS	Benzaldehyde	1700	630	ug/Kg	37				10	133	
	Phenol	1700	1500	ug/Kg	88				62	112	
	bis(2-Chloroethyl)ether	1700	1400	ug/Kg	82				60	101	
	2-Chlorophenol	1700	1500	ug/Kg	88				65	112	
	2-Methylphenol	1700	1500	ug/Kg	88				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1200	ug/Kg	71				51	100	
	Acetophenone	1700	1600	ug/Kg	94				66	98	
	3+4-Methylphenols	1700	1500	ug/Kg	88				58	111	
	N-Nitroso-di-n-propylamine	1700	1400	ug/Kg	82				63	95	
	Hexachloroethane	1700	1300	ug/Kg	76				72	108	
	Nitrobenzene	1700	1500	ug/Kg	88				57	101	
	Isophorone	1700	1400	ug/Kg	82				59	99	
	2-Nitrophenol	1700	1500	ug/Kg	88				61	111	
	2,4-Dimethylphenol	1700	1700	ug/Kg	100				46	141	
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				66	97	
	2,4-Dichlorophenol	1700	1600	ug/Kg	94				62	107	
	Naphthalene	1700	1500	ug/Kg	88				62	100	
	4-Chloroaniline	1700	900	ug/Kg	53				16	100	
	Hexachlorobutadiene	1700	1600	ug/Kg	94				53	98	
	Caprolactam	1700	1500	ug/Kg	88				67	110	
	4-Chloro-3-methylphenol	1700	1600	ug/Kg	94				58	112	
	2-Methylnaphthalene	1700	1300	ug/Kg	76				60	104	
	Hexachlorocyclopentadiene	3300	4200	ug/Kg	127				45	165	
	2,4,6-Trichlorophenol	1700	1500	ug/Kg	88				59	102	
	2,4,5-Trichlorophenol	1700	1600	ug/Kg	94				61	98	
	1,1-Biphenyl	1700	1600	ug/Kg	94				57	103	
	2-Chloronaphthalene	1700	1400	ug/Kg	82				58	99	
	2-Nitroaniline	1700	1500	ug/Kg	88				66	101	
	Dimethylphthalate	1700	1500	ug/Kg	88				61	99	
	Acenaphthylene	1700	1700	ug/Kg	100				63	101	
	2,6-Dinitrotoluene	1700	1600	ug/Kg	94				61	104	
	3-Nitroaniline	1700	1100	ug/Kg	65				28	100	
	Acenaphthene	1700	1500	ug/Kg	88				57	104	
	2,4-Dinitrophenol	3300	2600	ug/Kg	79				37	128	
	4-Nitrophenol	3300	2900	ug/Kg	88				48	119	
	Dibenzofuran	1700	1500	ug/Kg	88				63	99	
	2,4-Dinitrotoluene	1700	1600	ug/Kg	94				60	106	
	Diethylphthalate	1700	1500	ug/Kg	88				60	101	
	4-Chlorophenyl-phenylether	1700	1500	ug/Kg	88				58	98	
	Fluorene	1700	1600	ug/Kg	94				61	101	
	4-Nitroaniline	1700	1500	ug/Kg	88				64	103	
	4,6-Dinitro-2-methylphenol	1700	1600	ug/Kg	94				76	113	
	N-Nitrosodiphenylamine	1700	1600	ug/Kg	94				71	99	
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				66	102	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3375 **Analytical Method:** 8270E

Client: AECOM **DataFile:** BG064549.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170165BS	Hexachlorobenzene	1700	1600	ug/Kg	94				64	98	
	Atrazine	1700	1600	ug/Kg	94				47	152	
	Pentachlorophenol	3300	3200	ug/Kg	97				67	105	
	Phenanthrene	1700	1500	ug/Kg	88				59	103	
	Anthracene	1700	1600	ug/Kg	94				61	105	
	Carbazole	1700	1600	ug/Kg	94				61	99	
	Di-n-butylphthalate	1700	1500	ug/Kg	88				58	104	
	Fluoranthene	1700	1500	ug/Kg	88				57	107	
	Pyrene	1700	1400	ug/Kg	82				59	103	
	Butylbenzylphthalate	1700	1500	ug/Kg	88				55	103	
	3,3-Dichlorobenzidine	1700	1100	ug/Kg	65				42	91	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60	102	
	Chrysene	1700	1500	ug/Kg	88				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1500	ug/Kg	88				54	135	
	Di-n-octyl phthalate	1700	1500	ug/Kg	88				52	137	
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(k)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1600	ug/Kg	94				63	101	
	Dibenz(a,h)anthracene	1700	1600	ug/Kg	94				61	112	
	Benzo(g,h,i)perylene	1700	1600	ug/Kg	94				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1600	ug/Kg	94				53	101	
	1,4-Dioxane	1700	990	ug/Kg	58				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1600	ug/Kg	94				59	108	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB170165BL

Lab Name: Alliance | Contract: AECO02

Lab Code: ACE | SDG NO.: Q3375

Lab File ID: BG064548.D | Lab Sample ID: PB170165BL

Instrument ID: BNA_G | Date Extracted: 10/20/2025

Matrix: (soil/water) SOIL | Date Analyzed: 10/20/2025

Level: (low/med) LOW | Time Analyzed: 13:44

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170165BS	PB170165BS	BG064549.D	10/20/2025
VNJ-245MS	Q3381-03MS	BF144000.D	10/20/2025
VNJ-245MSD	Q3381-03MSD	BF144001.D	10/20/2025
PR132-S02-074099-20251016	Q3375-01	BF144015.D	10/21/2025
PR132-S04-000013-20251016	Q3375-02	BF144016.D	10/21/2025
PR132-S05-000057-20251016	Q3375-03	BF144017.D	10/21/2025
PR132-S02-010074-20251016	Q3375-04	BF144018.D	10/21/2025
PR132-DP02-074099-20251016	Q3375-05	BF144019.D	10/21/2025

COMMENTS:

Form IV SV

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q3375

Lab File ID: BF143874.D DFTPP Injection Date: 10/06/2025

Instrument ID: BNA_F DFTPP Injection Time: 09:30

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.6) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.4) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
365	Greater than 1% of mass 198	4.3
441	Present, but less than mass 443	78.8
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.6 (19.6) 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	BF143875.D	10/06/2025	09:59
SSTDICC005	SSTDICC005	BF143876.D	10/06/2025	10:28
SSTDICC010	SSTDICC010	BF143877.D	10/06/2025	10:57
SSTDICC020	SSTDICC020	BF143878.D	10/06/2025	11:56
SSTDICCC040	SSTDICCC040	BF143879.D	10/06/2025	12:54
SSTDICC050	SSTDICC050	BF143880.D	10/06/2025	13:23
SSTDICC060	SSTDICC060	BF143881.D	10/06/2025	13:53
SSTDICC080	SSTDICC080	BF143882.D	10/06/2025	14:22

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q3375

Lab File ID: BF143996.D DFTPP Injection Date: 10/20/2025

Instrument ID: BNA_F DFTPP Injection Time: 12:02

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.3 (1.3) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.2 (0.8) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	4.5
441	Present, but less than mass 443	82.5
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.7 (19.7) 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	BF143997.D	10/20/2025	13:28
VNJ-245MS	Q3381-03MS	BF144000.D	10/20/2025	15:57
VNJ-245MSD	Q3381-03MSD	BF144001.D	10/20/2025	16:27

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q3375

Lab File ID: BF144008.D DFTPP Injection Date: 10/21/2025

Instrument ID: BNA_F DFTPP Injection Time: 12:43

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.6) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6
365	Greater than 1% of mass 198	7.0
441	Present, but less than mass 443	3.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.7 (19.7) 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	BF144009.D	10/21/2025	13:29
PR132-S02-074099-20251016	Q3375-01	BF144015.D	10/21/2025	16:32
PR132-S04-000013-20251016	Q3375-02	BF144016.D	10/21/2025	17:02
PR132-S05-000057-20251016	Q3375-03	BF144017.D	10/21/2025	17:31
PR132-S02-010074-20251016	Q3375-04	BF144018.D	10/21/2025	18:01
PR132-DP02-074099-20251016	Q3375-05	BF144019.D	10/21/2025	18:30

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q3375

Lab File ID: BG064472.D DFTPP Injection Date: 10/02/2025

Instrument ID: BNA_G DFTPP Injection Time: 08:21

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.3 (1.1) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.4) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	7.1
441	Present, but less than mass 443	86.2
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.5 (19.5) 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	BG064473.D	10/02/2025	09:01
SSTDICC005	SSTDICC005	BG064474.D	10/02/2025	09:42
SSTDICC020	SSTDICC020	BG064476.D	10/02/2025	11:33
SSTDICCC040	SSTDICCC040	BG064477.D	10/02/2025	12:14
SSTDICC050	SSTDICC050	BG064478.D	10/02/2025	12:55
SSTDICC060	SSTDICC060	BG064479.D	10/02/2025	13:35
SSTDICC080	SSTDICC080	BG064480.D	10/02/2025	14:16
SSTDICC010	SSTDICC010	BG064481.D	10/02/2025	15:49

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q3375

Lab File ID: BG064546.D DFTPP Injection Date: 10/20/2025

Instrument ID: BNA_G DFTPP Injection Time: 12:03

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.3 (0.9) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.3) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
365	Greater than 1% of mass 198	7.0
441	Present, but less than mass 443	23.8
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.3 (19.3) 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	BG064547.D	10/20/2025	12:44
PB170165BL	PB170165BL	BG064548.D	10/20/2025	13:44
PB170165BS	PB170165BS	BG064549.D	10/20/2025	14:25

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3375

Client ID : SSTDCCC040 Date Analyzed: 10/20/2025

Lab File ID: BF143997.D Time Analyzed: 13:28

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	108923	6.881	424804	8.16	230266	9.92
	UPPER LIMIT	217846	7.381	849608	8.663	460532	10.422
	LOWER LIMIT	54461.5	6.381	212402	7.663	115133	9.422
	EPA SAMPLE NO.						
01	VNJ-245MS	103333	6.88	382013	8.16	200713	9.92
02	VNJ-245MSD	100371	6.88	371973	8.16	192676	9.92

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.: Q3375

Client ID: SSTDCCC040 Date Analyzed: 10/20/2025

Lab File ID: BF143997.D Time Analyzed: 13:28

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	385198	11.416	224376	14.063	212318	15.545
	UPPER LIMIT	770396	11.916	448752	14.563	424636	16.045
	LOWER LIMIT	192599	10.916	112188	13.563	106159	15.045
	EPA SAMPLE NO.						
01	VNJ-245MS	318387	11.42	223763	14.06	294781	15.55
02	VNJ-245MSD	292615	11.41	212179	14.06	285074	15.55

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.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3375

Client ID : SSTDCCC040 Date Analyzed: 10/21/2025

Lab File ID: BF144009.D Time Analyzed: 13:29

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	126907	6.881	483648	8.16	263342	9.92
	UPPER LIMIT	253814	7.381	967296	8.663	526684	10.422
	LOWER LIMIT	63453.5	6.381	241824	7.663	131671	9.422
	EPA SAMPLE NO.						
01	PR132-S02-074099-20251016	109716	6.88	402386	8.16	203476	9.92
02	PR132-S04-000013-20251016	116615	6.88	420206	8.16	202155	9.92
03	PR132-S05-000057-20251016	111644	6.88	395479	8.16	186629	9.92
04	PR132-S02-010074-20251016	114769	6.88	412633	8.16	190672	9.92
05	PR132-DP02-074099-20251016	116635	6.88	418260	8.16	205210	9.92

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.: Q3375

Client ID: SSTDCCC040 Date Analyzed: 10/21/2025

Lab File ID: BF144009.D Time Analyzed: 13:29

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	430811	11.416	235758	14.063	243917	15.545
	UPPER LIMIT	861622	11.916	471516	14.563	487834	16.045
	LOWER LIMIT	215406	10.916	117879	13.563	121959	15.045
	EPA SAMPLE NO.						
01	PR132-S02-074099-20251016	318797	11.41	282059	14.06	335097	15.55
02	PR132-S04-000013-20251016	308753	11.41	254161	14.06	318784	15.55
03	PR132-S05-000057-20251016	279883	11.41	258346	14.06	324753	15.55
04	PR132-S02-010074-20251016	289518	11.41	267469	14.06	332355	15.55
05	PR132-DP02-074099-20251016	299829	11.41	262654	14.06	320945	15.55

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.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3375

Client ID : SSTDCCC040 Date Analyzed: 10/20/2025

Lab File ID: BG064547.D Time Analyzed: 12:44

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	12980	7.817	58801	10.61	45965	14.44
	UPPER LIMIT	25960	8.317	117602	11.107	91930	14.944
	LOWER LIMIT	6490	7.317	29400.5	10.107	22982.5	13.944
	EPA SAMPLE NO.						
01	PB170165BL	14412	7.81	55177	10.60	43937	14.45
02	PB170165BS	13636	7.82	56148	10.61	44549	14.45

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.: Q3375

Client ID: SSTDCCC040 Date Analyzed: 10/20/2025

Lab File ID: BG064547.D Time Analyzed: 12:44

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	112639	17.188	113403	21.418	125032	24.403
	UPPER LIMIT	225278	17.688	226806	21.918	250064	24.903
	LOWER LIMIT	56319.5	16.688	56701.5	20.918	62516	23.903
	EPA SAMPLE NO.						
01	PB170165BL	117288	17.19	124365	21.41	134795	24.41
02	PB170165BS	109767	17.19	115066	21.42	122784	24.41

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

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Report of Analysis

Client:	AECOM	Date Collected:	10/16/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/16/25
Client Sample ID:	PR132-S02-074099-20251016	SDG No.:	Q3375
Lab Sample ID:	Q3375-01	Matrix:	SOIL
Analytical Method:	8270E Level : LOW	% Solid:	69.2
Sample Wt/Vol:	30.02 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/20/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	480	U	1	230	480	ug/Kg	10/21/25 16:32	PB170165
108-95-2	Phenol	250	U	1	31.9	250	ug/Kg	10/21/25 16:32	PB170165
111-44-4	bis(2-Chloroethyl)ether	250	U	1	35.1	250	ug/Kg	10/21/25 16:32	PB170165
95-57-8	2-Chlorophenol	250	U	1	35.2	250	ug/Kg	10/21/25 16:32	PB170165
95-48-7	2-Methylphenol	250	U	1	43.2	250	ug/Kg	10/21/25 16:32	PB170165
108-60-1	2,2-oxybis(1-Chloropropane)	250	U	1	54.2	250	ug/Kg	10/21/25 16:32	PB170165
98-86-2	Acetophenone	250	U	1	42.6	250	ug/Kg	10/21/25 16:32	PB170165
65794-96-9	3+4-Methylphenols	480	U	1	59.4	480	ug/Kg	10/21/25 16:32	PB170165
621-64-7	n-Nitroso-di-n-propylamine	120	U	1	68.5	120	ug/Kg	10/21/25 16:32	PB170165
67-72-1	Hexachloroethane	250	U	1	25.4	250	ug/Kg	10/21/25 16:32	PB170165
98-95-3	Nitrobenzene	250	U	1	26.4	250	ug/Kg	10/21/25 16:32	PB170165
78-59-1	Isophorone	250	U	1	47.4	250	ug/Kg	10/21/25 16:32	PB170165
88-75-5	2-Nitrophenol	250	U	1	84.0	250	ug/Kg	10/21/25 16:32	PB170165
105-67-9	2,4-Dimethylphenol	250	U	1	93.6	250	ug/Kg	10/21/25 16:32	PB170165
111-91-1	bis(2-Chloroethoxy)methane	250	U	1	44.5	250	ug/Kg	10/21/25 16:32	PB170165
120-83-2	2,4-Dichlorophenol	250	U	1	40.9	250	ug/Kg	10/21/25 16:32	PB170165
91-20-3	Naphthalene	250	U	1	32.8	250	ug/Kg	10/21/25 16:32	PB170165
106-47-8	4-Chloroaniline	250	U	1	51.1	250	ug/Kg	10/21/25 16:32	PB170165
87-68-3	Hexachlorobutadiene	250	U	1	36.5	250	ug/Kg	10/21/25 16:32	PB170165
105-60-2	Caprolactam	480	U	1	75.2	480	ug/Kg	10/21/25 16:32	PB170165
59-50-7	4-Chloro-3-methylphenol	250	U	1	41.4	250	ug/Kg	10/21/25 16:32	PB170165
91-57-6	2-Methylnaphthalene	250	U	1	37.0	250	ug/Kg	10/21/25 16:32	PB170165
77-47-4	Hexachlorocyclopentadiene	480	U	1	170	480	ug/Kg	10/21/25 16:32	PB170165
88-06-2	2,4,6-Trichlorophenol	250	U	1	28.6	250	ug/Kg	10/21/25 16:32	PB170165
95-95-4	2,4,5-Trichlorophenol	250	U	1	42.0	250	ug/Kg	10/21/25 16:32	PB170165
92-52-4	1,1-Biphenyl	250	U	1	31.5	250	ug/Kg	10/21/25 16:32	PB170165
91-58-7	2-Chloronaphthalene	250	U	1	32.5	250	ug/Kg	10/21/25 16:32	PB170165
88-74-4	2-Nitroaniline	250	U	1	69.5	250	ug/Kg	10/21/25 16:32	PB170165
131-11-3	Dimethylphthalate	250	U	1	39.1	250	ug/Kg	10/21/25 16:32	PB170165
208-96-8	Acenaphthylene	250	U	1	41.7	250	ug/Kg	10/21/25 16:32	PB170165
606-20-2	2,6-Dinitrotoluene	250	U	1	48.5	250	ug/Kg	10/21/25 16:32	PB170165
99-09-2	3-Nitroaniline	250	U	1	66.4	250	ug/Kg	10/21/25 16:32	PB170165
83-32-9	Acenaphthene	250	U	1	30.8	250	ug/Kg	10/21/25 16:32	PB170165
51-28-5	2,4-Dinitrophenol	480	U	1	330	480	ug/Kg	10/21/25 16:32	PB170165
100-02-7	4-Nitrophenol	480	U	1	150	480	ug/Kg	10/21/25 16:32	PB170165
132-64-9	Dibenzofuran	250	U	1	32.8	250	ug/Kg	10/21/25 16:32	PB170165
121-14-2	2,4-Dinitrotoluene	250	U	1	72.4	250	ug/Kg	10/21/25 16:32	PB170165
84-66-2	Diethylphthalate	250	U	1	40.9	250	ug/Kg	10/21/25 16:32	PB170165
7005-72-3	4-Chlorophenyl-phenylether	250	U	1	38.6	250	ug/Kg	10/21/25 16:32	PB170165
86-73-7	Fluorene	250	U	1	36.5	250	ug/Kg	10/21/25 16:32	PB170165
100-01-6	4-Nitroaniline	250	U	1	92.7	250	ug/Kg	10/21/25 16:32	PB170165
534-52-1	4,6-Dinitro-2-methylphenol	480	U	1	150	480	ug/Kg	10/21/25 16:32	PB170165

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Report of Analysis

Client:	AECOM	Date Collected:	10/16/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/16/25
Client Sample ID:	PR132-S02-074099-20251016	SDG No.:	Q3375
Lab Sample ID:	Q3375-01	Matrix:	SOIL
Analytical Method:	8270E Level : LOW	% Solid:	69.2
Sample Wt/Vol:	30.02 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/20/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	250	U	1	47.5	250	ug/Kg	10/21/25 16:32	PB170165
101-55-3	4-Bromophenyl-phenylether	250	U	1	40.1	250	ug/Kg	10/21/25 16:32	PB170165
118-74-1	Hexachlorobenzene	250	U	1	36.5	250	ug/Kg	10/21/25 16:32	PB170165
1912-24-9	Atrazine	250	U	1	49.1	250	ug/Kg	10/21/25 16:32	PB170165
87-86-5	Pentachlorophenol	480	U	1	74.1	480	ug/Kg	10/21/25 16:32	PB170165
85-01-8	Phenanthrene	250	U	1	30.2	250	ug/Kg	10/21/25 16:32	PB170165
120-12-7	Anthracene	250	U	1	48.1	250	ug/Kg	10/21/25 16:32	PB170165
86-74-8	Carbazole	250	U	1	45.1	250	ug/Kg	10/21/25 16:32	PB170165
84-74-2	Di-n-butylphthalate	250	U	1	69.2	250	ug/Kg	10/21/25 16:32	PB170165
206-44-0	Fluoranthene	250	U	1	43.3	250	ug/Kg	10/21/25 16:32	PB170165
129-00-0	Pyrene	250	U	1	52.0	250	ug/Kg	10/21/25 16:32	PB170165
85-68-7	Butylbenzylphthalate	250	U	1	100	250	ug/Kg	10/21/25 16:32	PB170165
91-94-1	3,3-Dichlorobenzidine	480	U	1	53.0	480	ug/Kg	10/21/25 16:32	PB170165
56-55-3	Benzo(a)anthracene	250	U	1	33.2	250	ug/Kg	10/21/25 16:32	PB170165
218-01-9	Chrysene	250	U	1	28.7	250	ug/Kg	10/21/25 16:32	PB170165
117-81-7	Bis(2-ethylhexyl)phthalate	250	U	1	85.5	250	ug/Kg	10/21/25 16:32	PB170165
117-84-0	Di-n-octyl phthalate	480	U	1	130	480	ug/Kg	10/21/25 16:32	PB170165
205-99-2	Benzo(b)fluoranthene	250	U	1	27.4	250	ug/Kg	10/21/25 16:32	PB170165
207-08-9	Benzo(k)fluoranthene	250	U	1	32.3	250	ug/Kg	10/21/25 16:32	PB170165
50-32-8	Benzo(a)pyrene	250	U	1	42.6	250	ug/Kg	10/21/25 16:32	PB170165
193-39-5	Indeno(1,2,3-cd)pyrene	250	U	1	42.0	250	ug/Kg	10/21/25 16:32	PB170165
53-70-3	Dibenzo(a,h)anthracene	250	U	1	39.6	250	ug/Kg	10/21/25 16:32	PB170165
191-24-2	Benzo(g,h,i)perylene	250	U	1	37.1	250	ug/Kg	10/21/25 16:32	PB170165
95-94-3	1,2,4,5-Tetrachlorobenzene	250	U	1	37.0	250	ug/Kg	10/21/25 16:32	PB170165
123-91-1	1,4-Dioxane	250	U	1	65.3	250	ug/Kg	10/21/25 16:32	PB170165
58-90-2	2,3,4,6-Tetrachlorophenol	250	U	1	39.6	250	ug/Kg	10/21/25 16:32	PB170165
SURROGATES									
367-12-4	2-Fluorophenol	67.8			18 - 112	45%	SPK: 150		
13127-88-3	Phenol-d6	65.1			15 - 107	43%	SPK: 150		
4165-60-0	Nitrobenzene-d5	43.7			18 - 107	44%	SPK: 100		
321-60-8	2-Fluorobiphenyl	38.6			20 - 109	39%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	57.6			10 - 116	38%	SPK: 150		
1718-51-0	Terphenyl-d14	28.1			10 - 105	28%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	110000							
1146-65-2	Naphthalene-d8	402000							
15067-26-2	Acenaphthene-d10	203000							
1517-22-2	Phenanthrene-d10	319000							
1719-03-5	Chrysene-d12	282000							
1520-96-3	Perylene-d12	335000							
TENTATIVE IDENTIFIED COMPOUNDS									
000119-61-9	Benzophenone	280	J			10.6	ug/Kg		
000638-53-9	Tridecanoic acid	240	J			11.9	ug/Kg		

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

Report of Analysis

Client:	AECOM	Date Collected:	10/16/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/16/25
Client Sample ID:	PR132-S02-074099-20251016	SDG No.:	Q3375
Lab Sample ID:	Q3375-01	Matrix:	SOIL
Analytical Method:	8270E Level : LOW	% Solid:	69.2
Sample Wt/Vol:	30.02 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/20/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	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_F\Data\BF102125\
Data File : BF144015.D
Acq On : 21 Oct 2025 16:32
Operator : RC/JU
Sample : Q3375-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S02-074099-20251016

Quant Time: Oct 21 17:00:16 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	109716	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	402386	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	203476	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	318797	20.000	ng	0.00
76) Chrysene-d12	14.063	240	282059	20.000	ng	0.00
86) Perylene-d12	15.545	264	335097	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	468743	67.844	ng	0.00
7) Phenol-d6	6.504	99	536234	65.114	ng	-0.01
23) Nitrobenzene-d5	7.439	82	289450	43.703	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	116811	57.637	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	495479	38.638	ng	-0.01
79) Terphenyl-d14	12.998	244	463565	28.089	ng	-0.01

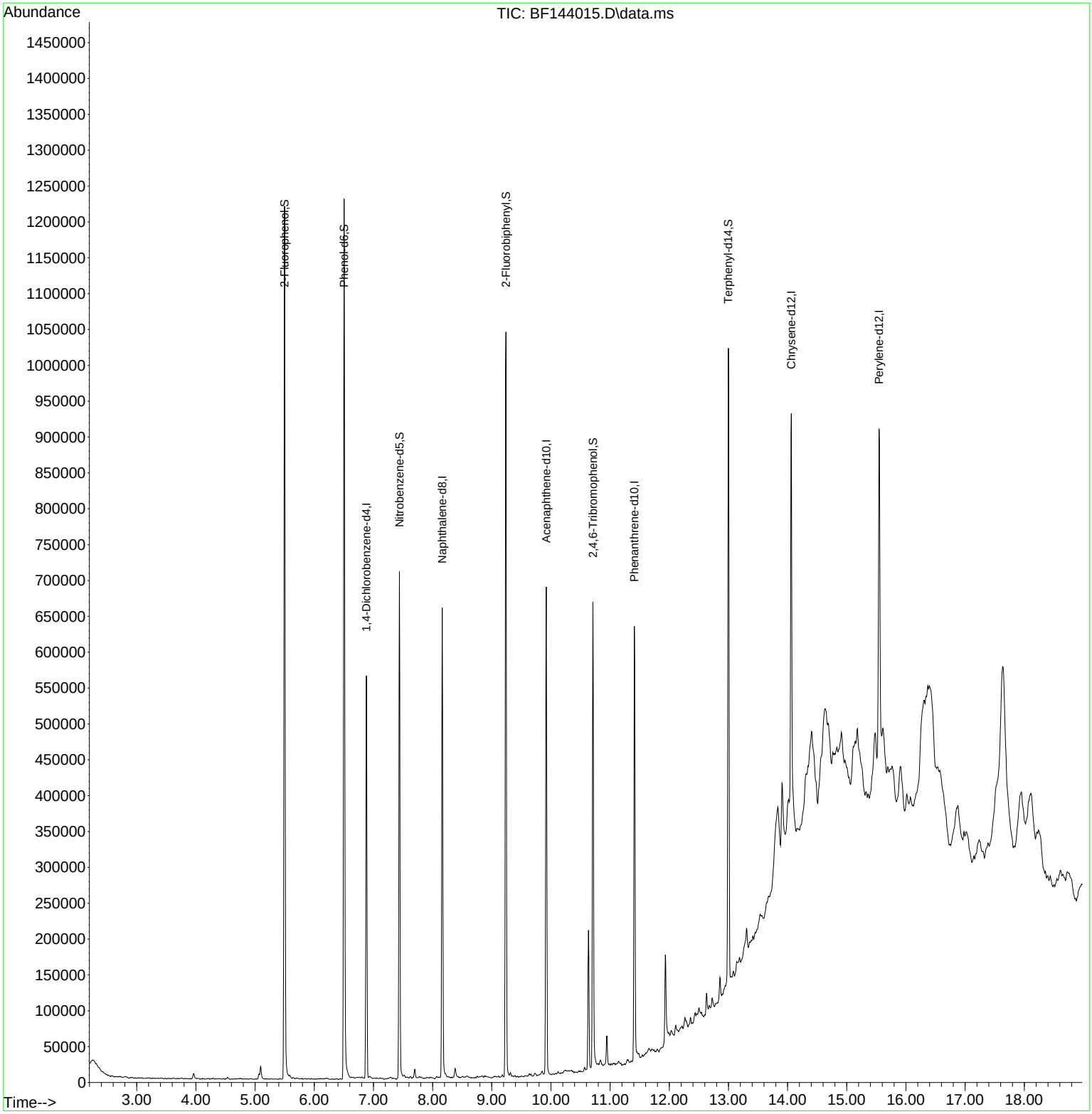
Target Compounds Qvalue

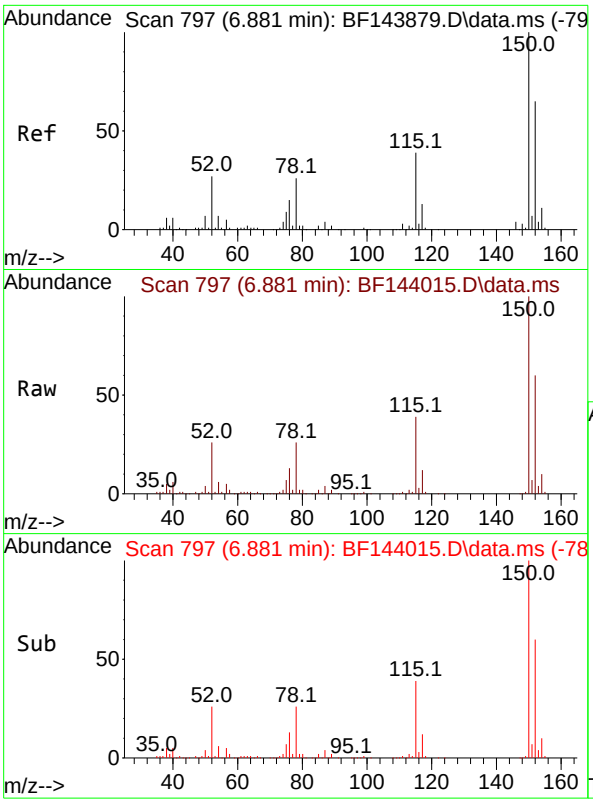
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144015.D
Acq On : 21 Oct 2025 16:32
Operator : RC/JU
Sample : Q3375-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S02-074099-20251016

Quant Time: Oct 21 17:00:16 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



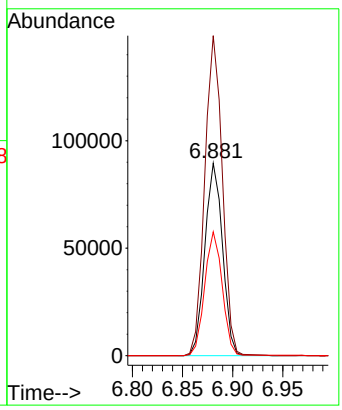


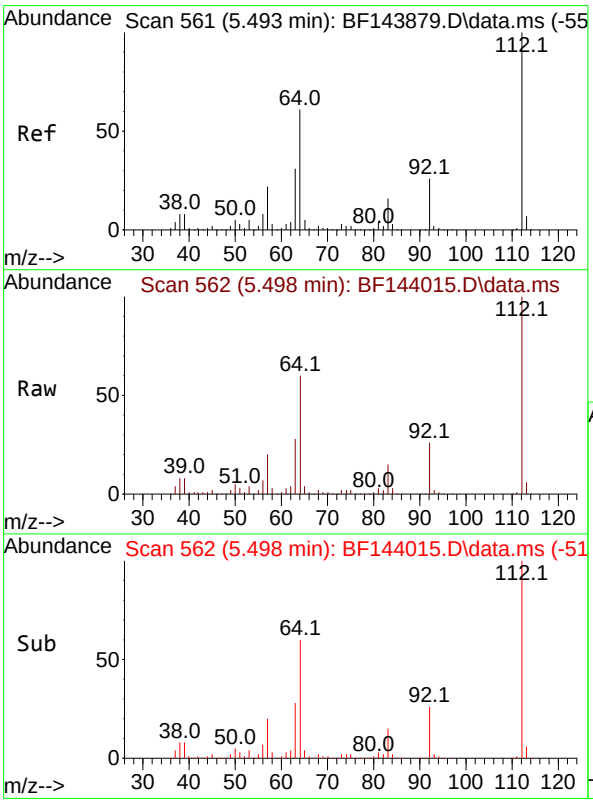
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 7
Delta R.T. -0.005 min
Lab File: BF144015.D
Acq: 21 Oct 2025 16:32

Instrument :
BNA_F
ClientSampleId :
PR132-S02-074099-20251016

Tgt Ion:152 Resp: 109716

Ion	Ratio	Lower	Upper
152	100		
150	166.2	124.4	186.6
115	64.3	48.1	72.1

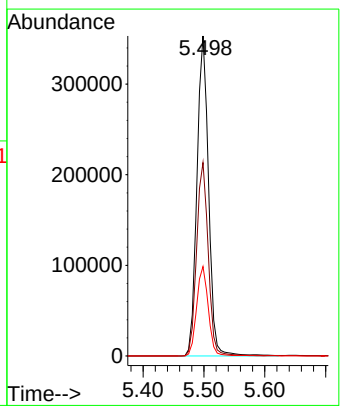


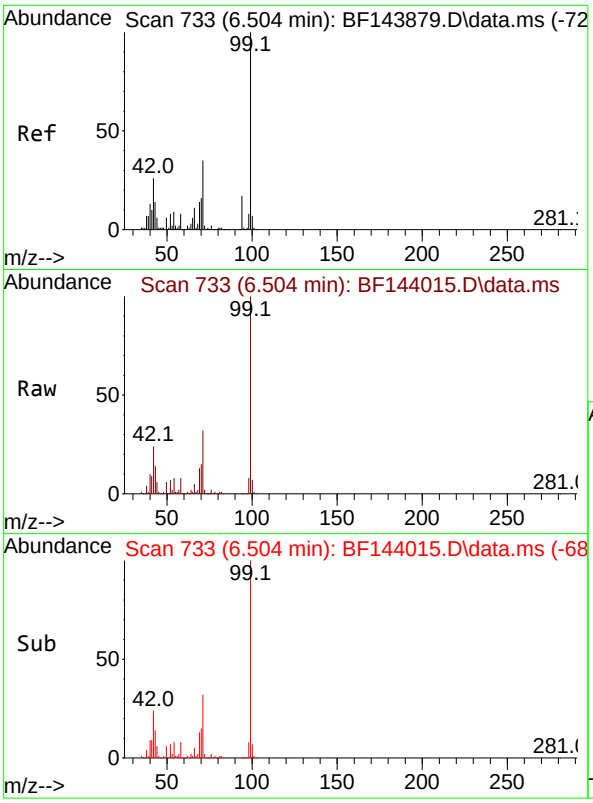


#5
2-Fluorophenol
Concen: 67.844 ng
RT: 5.498 min Scan# 562
Delta R.T. 0.000 min
Lab File: BF144015.D
Acq: 21 Oct 2025 16:32

Tgt Ion:112 Resp: 468743

Ion	Ratio	Lower	Upper
112	100		
64	60.5	49.1	73.7
63	27.9	24.5	36.7



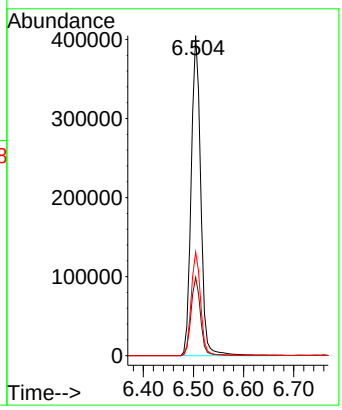


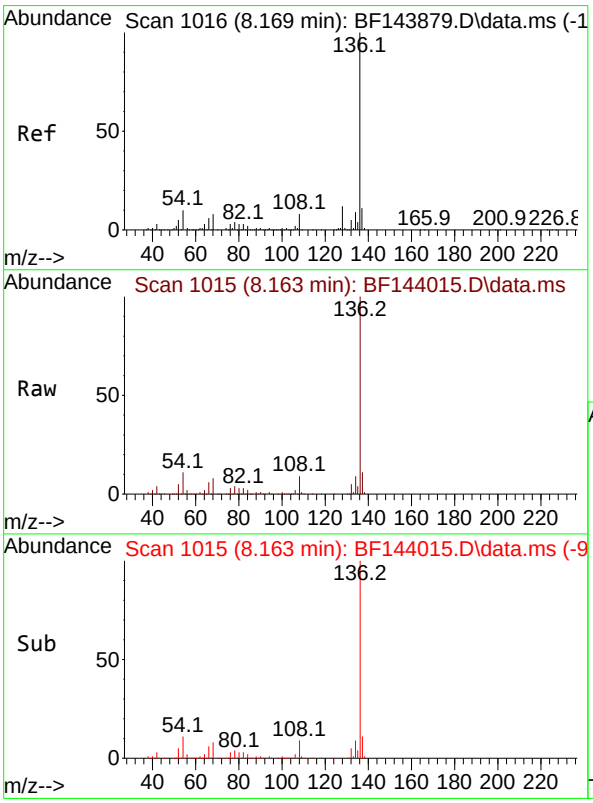
#7
Phenol-d6
Concen: 65.114 ng
RT: 6.504 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF144015.D
Acq: 21 Oct 2025 16:32

Instrument :
BNA_F
ClientSampleId :
PR132-S02-074099-20251016

Tgt Ion: 99 Resp: 536234

Ion	Ratio	Lower	Upper
99	100		
42	24.4	21.0	31.4
71	32.4	27.8	41.8

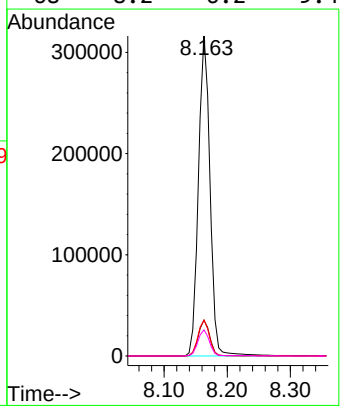


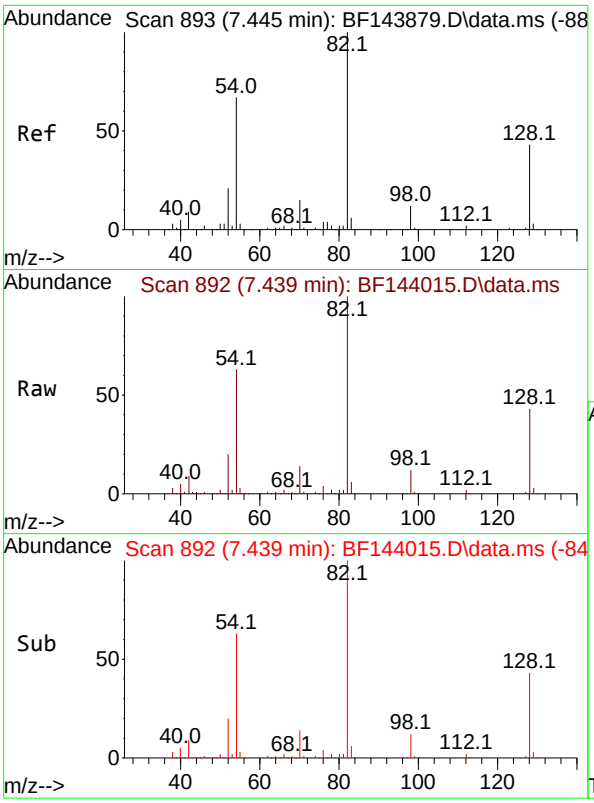


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF144015.D
Acq: 21 Oct 2025 16:32

Tgt Ion:136 Resp: 402386

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	11.2	8.2	12.4
68	8.2	6.2	9.4



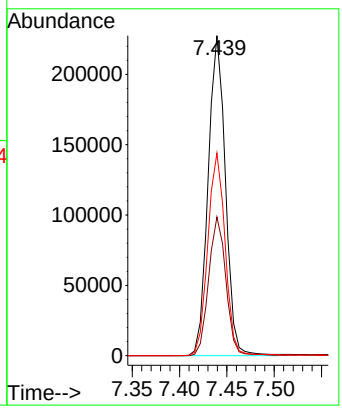


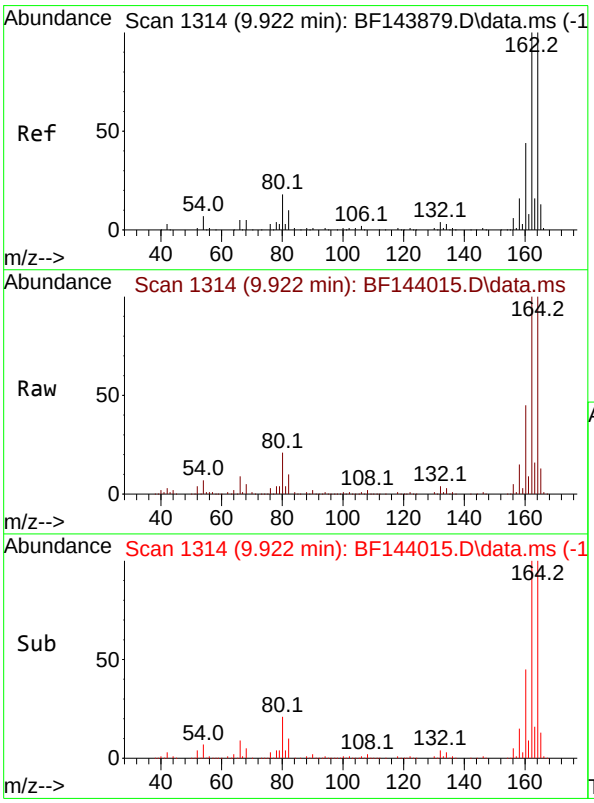
#23
Nitrobenzene-d5
Concen: 43.703 ng
RT: 7.439 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF144015.D
Acq: 21 Oct 2025 16:32

Instrument :
BNA_F
ClientSampleId :
PR132-S02-074099-20251016

Tgt Ion: 82 Resp: 289450

Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.0	51.0
54	63.3	53.2	79.8

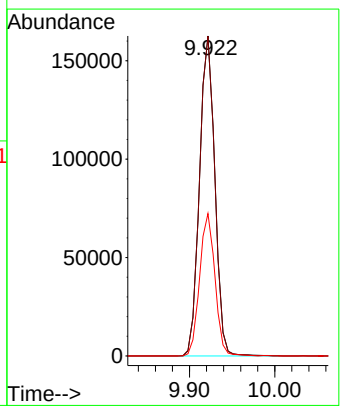


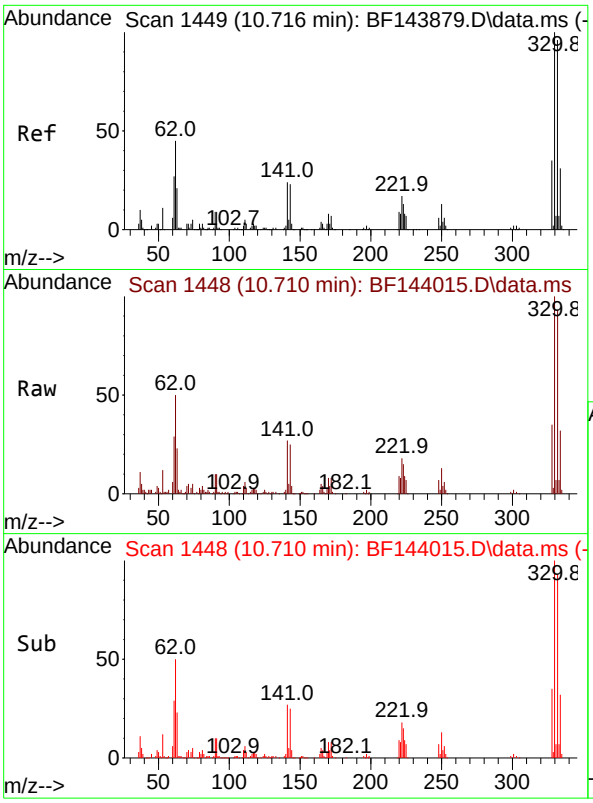


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BF144015.D
Acq: 21 Oct 2025 16:32

Tgt Ion:164 Resp: 203476

Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.2	120.2
160	44.5	35.4	53.0



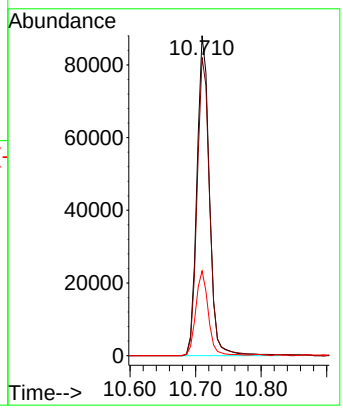


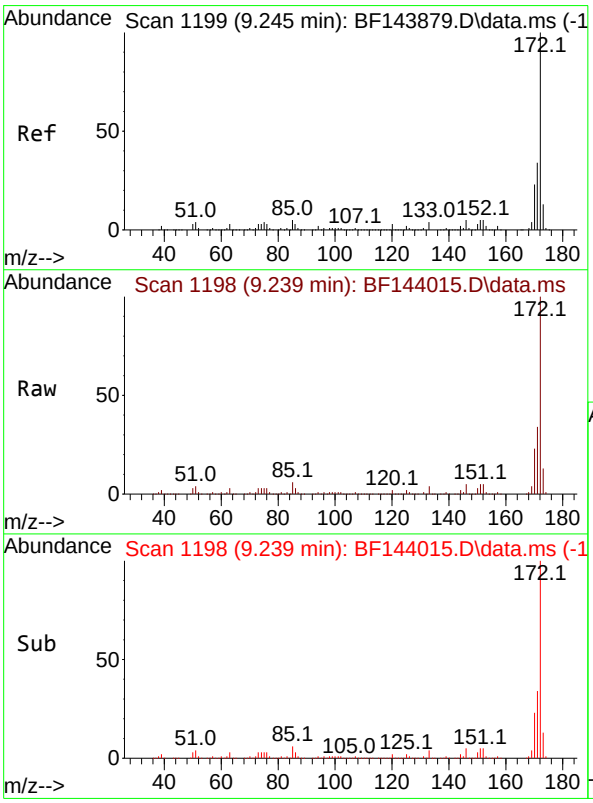
#42
2,4,6-Tribromophenol
Concen: 57.637 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF144015.D
Acq: 21 Oct 2025 16:32

Instrument :
BNA_F
ClientSampleId :
PR132-S02-074099-20251016

Tgt Ion:330 Resp: 116811

Ion	Ratio	Lower	Upper
330	100		
332	93.8	76.9	115.3
141	26.6	20.2	30.4

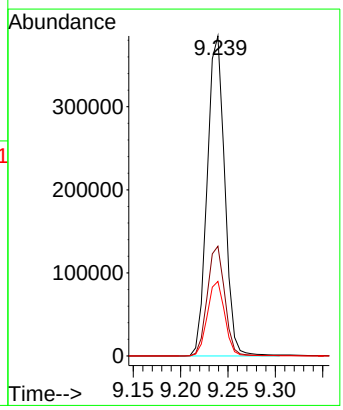


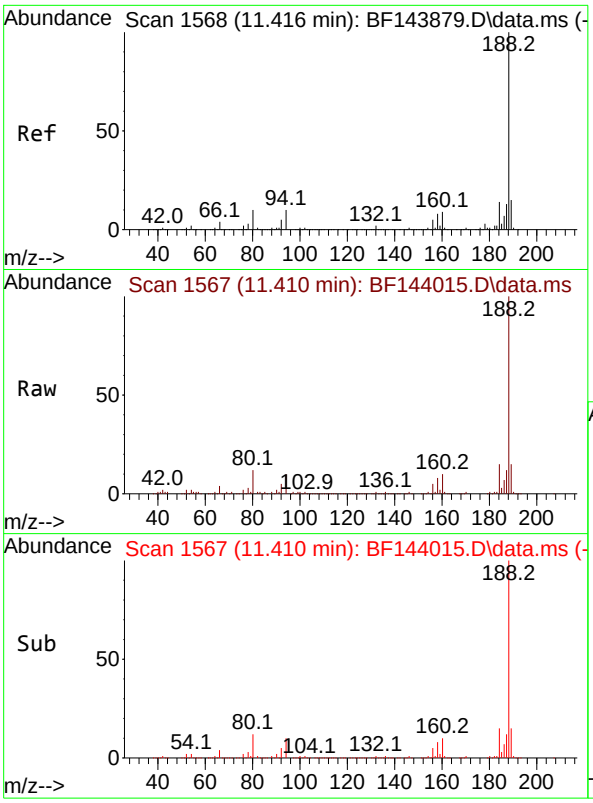


#45
2-Fluorobiphenyl
Concen: 38.638 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF144015.D
Acq: 21 Oct 2025 16:32

Tgt Ion:172 Resp: 495479

Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.4	41.0
170	23.3	18.6	28.0



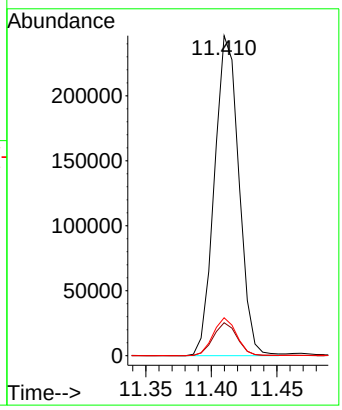


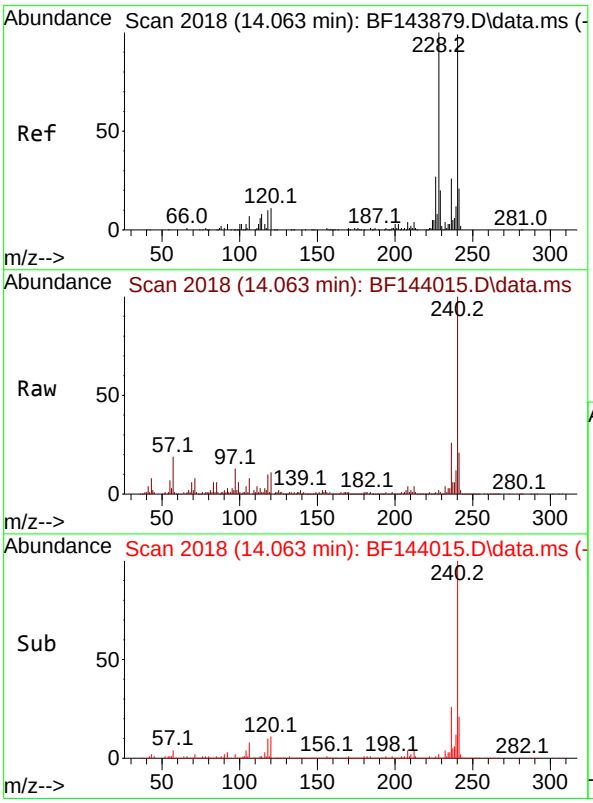
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144015.D
Acq: 21 Oct 2025 16:32

Instrument :
BNA_F
ClientSampleId :
PR132-S02-074099-20251016

Tgt Ion:188 Resp: 318797

Ion	Ratio	Lower	Upper
188	100		
94	10.3	7.8	11.6
80	11.8	7.9	11.9

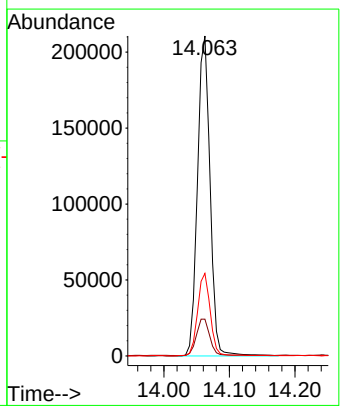


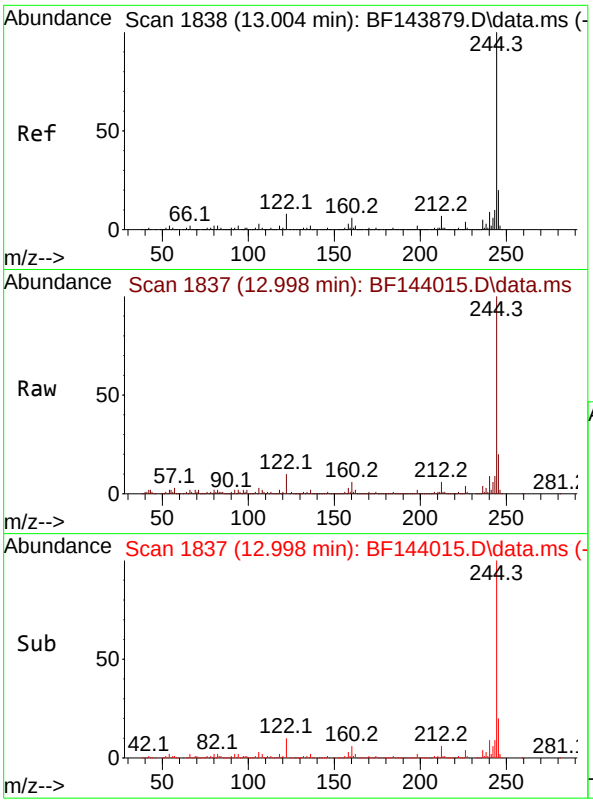


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.005 min
Lab File: BF144015.D
Acq: 21 Oct 2025 16:32

Tgt Ion:240 Resp: 282059

Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.6	13.0
236	25.8	21.1	31.7



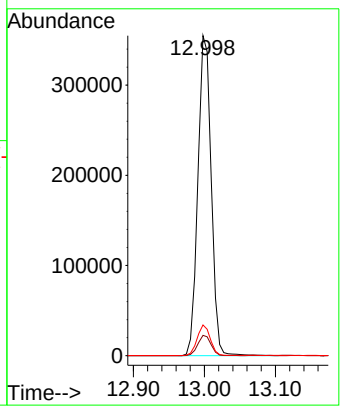


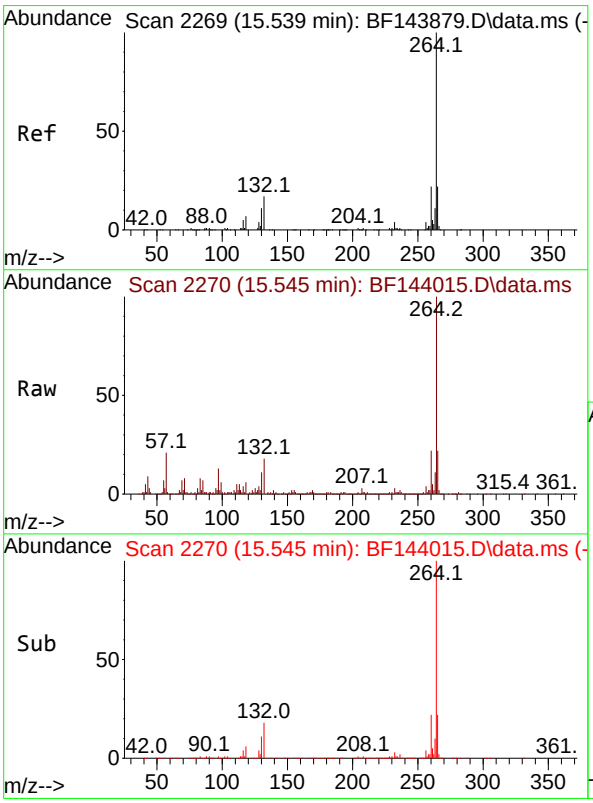
#79
Terphenyl-d14
Concen: 28.089 ng
RT: 12.998 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144015.D
Acq: 21 Oct 2025 16:32

Instrument :
BNA_F
ClientSampleId :
PR132-S02-074099-20251016

Tgt Ion:244 Resp: 463565

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	9.6	6.4	9.6#

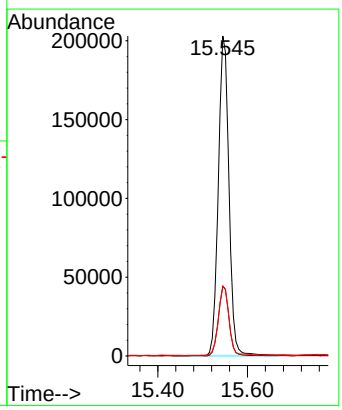




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF144015.D
Acq: 21 Oct 2025 16:32

Tgt Ion:264 Resp: 335097

Ion	Ratio	Lower	Upper
264	100		
260	21.8	17.8	26.8
265	21.9	17.5	26.3



Sample Results: **BF144015.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144015.D
Acq On : 21 Oct 2025 16:32
Operator : RC/JU
Sample : Q3375-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S02-074099-20251016

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_F\Methods\8270-BF100625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144015.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.093	490	493	504	rVB	17622	27720	1.68%	0.214%
2	5.498	556	562	575	rBV	1216933	1613835	98.04%	12.466%
3	6.504	727	733	752	rBV	1227537	1646119	100.00%	12.715%
4	6.881	792	797	802	rBV	560972	681607	41.41%	5.265%
5	7.439	886	892	902	rBV	706729	903129	54.86%	6.976%
6	8.163	1010	1015	1029	rVB	654424	833074	50.61%	6.435%
7	8.381	1047	1052	1062	rBV2	12132	21172	1.29%	0.164%
8	9.239	1192	1198	1208	rBV	1038740	1348300	81.91%	10.415%
9	9.922	1308	1314	1327	rVB	679805	855144	51.95%	6.605%
10	10.633	1430	1435	1443	rBV	193994	246929	15.00%	1.907%
11	10.710	1443	1448	1460	rBV	648369	863969	52.49%	6.674%
12	10.945	1484	1488	1493	rVB	40234	50376	3.06%	0.389%
13	11.410	1562	1567	1577	rBV	606221	819586	49.79%	6.331%
14	11.933	1652	1656	1664	rBV	122843	204709	12.44%	1.581%
15	12.627	1771	1774	1780	rBV	30032	51464	3.13%	0.398%
16	12.998	1832	1837	1843	rBV	882871	1145922	69.61%	8.851%
17	14.063	2013	2018	2032	rVB	582710	936128	56.87%	7.231%
18	15.545	2266	2270	2278	rBV	437511	697013	42.34%	5.384%

Sum of corrected areas: 12946196

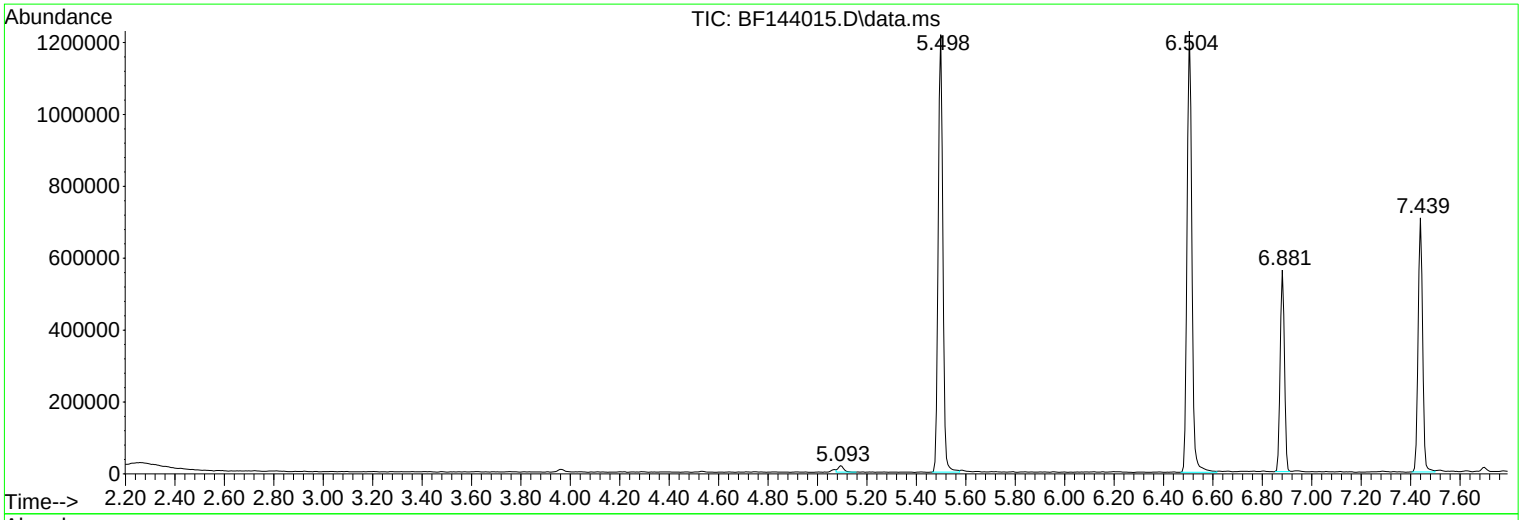
Sample Results: **BF144015.D**

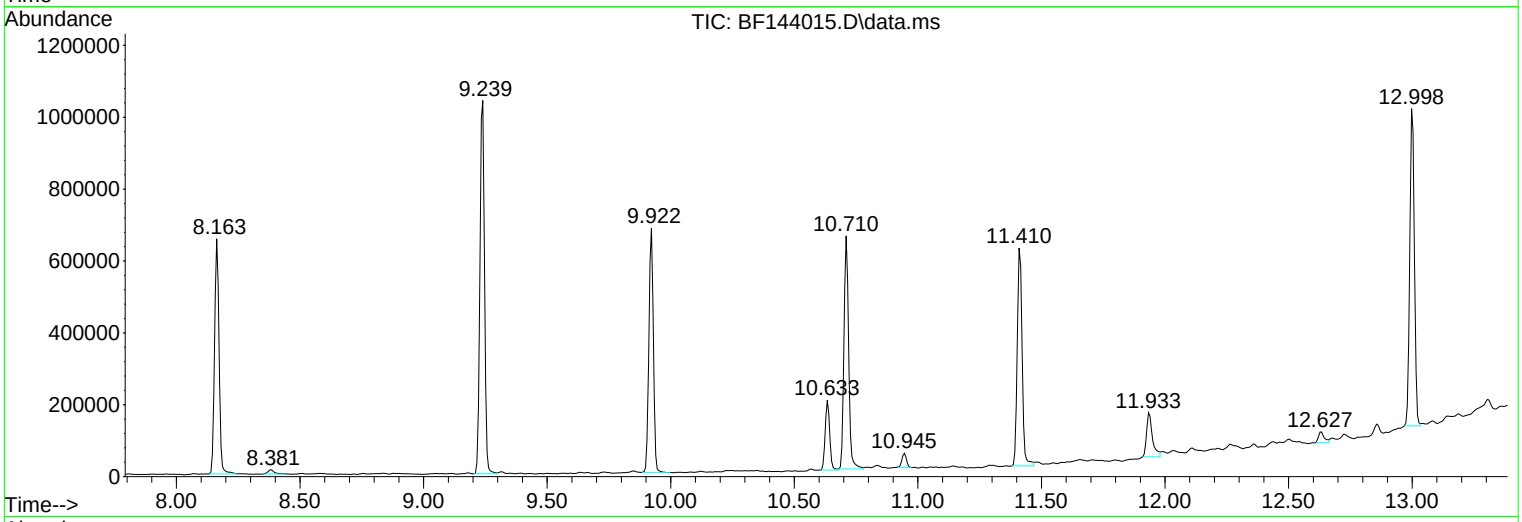
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144015.D
Acq On : 21 Oct 2025 16:32
Operator : RC/JU
Sample : Q3375-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

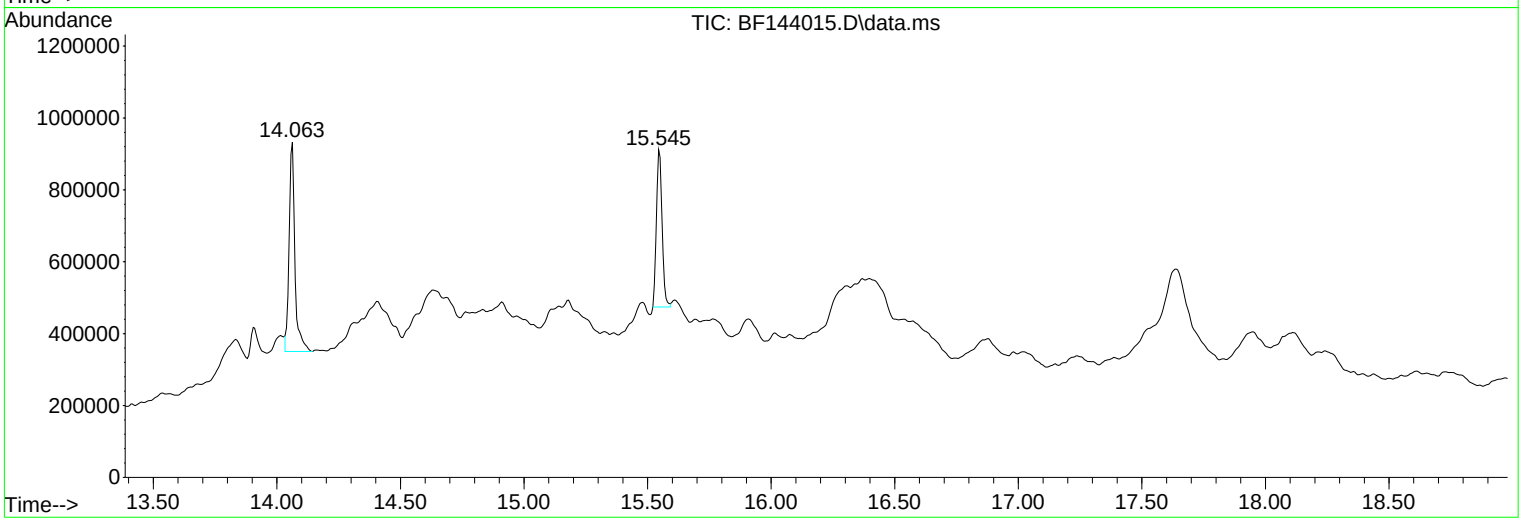
Instrument :
BNA_F
ClientSampleId :
PR132-S02-074099-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.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_F\Data\BF102125\
Data File : BF144015.D
Acq On : 21 Oct 2025 16:32
Operator : RC/JU
Sample : Q3375-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S02-074099-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

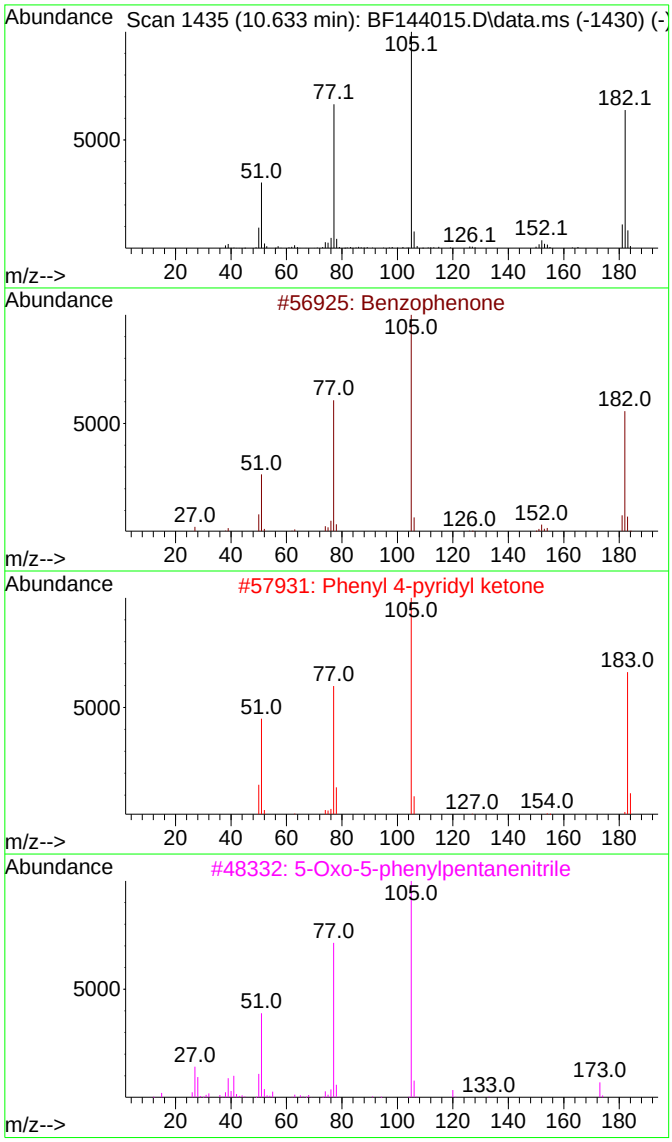
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

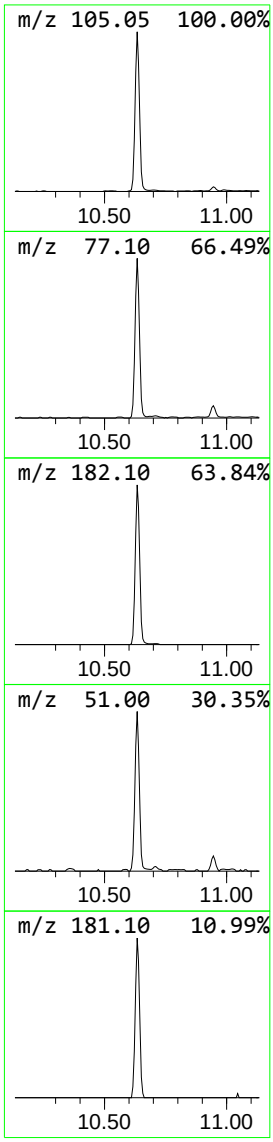
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Peak Number 1 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.633	5.78 ng	246929	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	58
3	5-Oxo-5-phenylpentanenitrile	173	C11H11NO	1000486-83-7	47
4	Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	47
5	Benzoic acid, 2-propenyl ester	162	C10H10O2	000583-04-0	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144015.D
Acq On : 21 Oct 2025 16:32
Operator : RC/JU
Sample : Q3375-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S02-074099-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

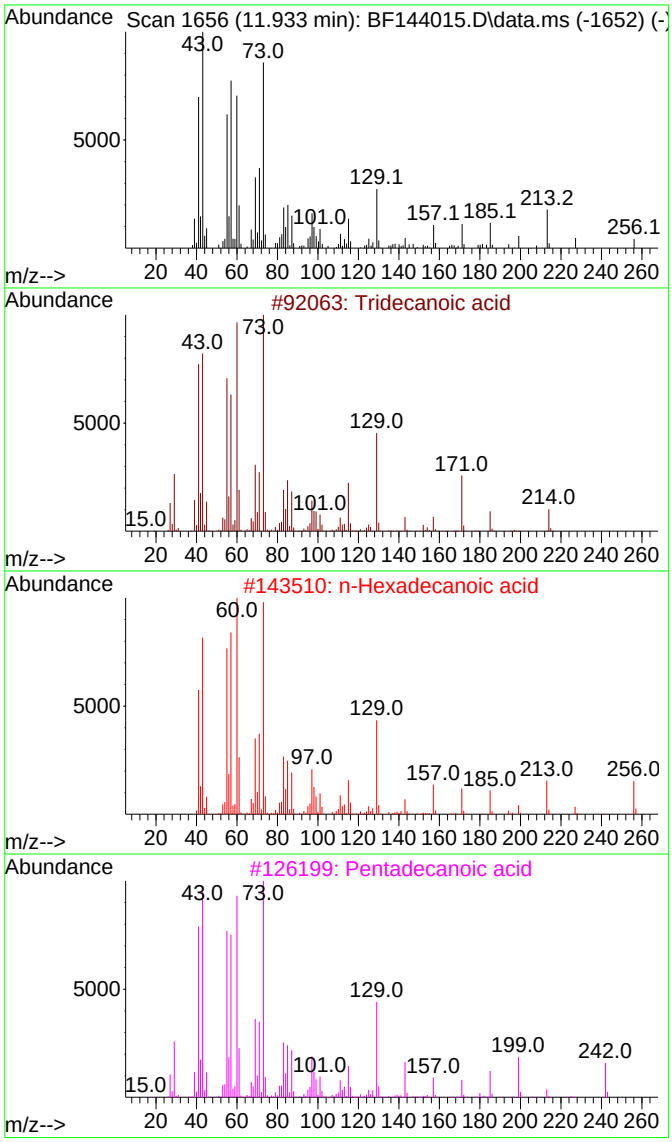
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

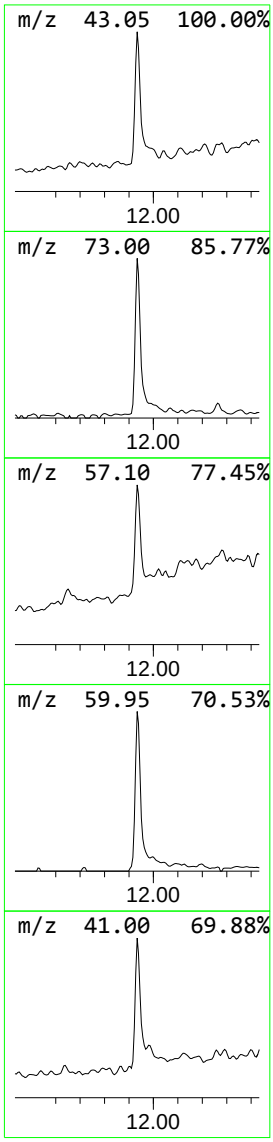
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Peak Number 2 Tridecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	5.00 ng	204709	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	94
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	Dodecanoic acid	200	C12H24O2	000143-07-7	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144015.D
Acq On : 21 Oct 2025 16:32
Operator : RC/JU
Sample : Q3375-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S02-074099-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.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	10.633	5.8	ng	246929	3	9.922	855144	20.0
Tridecanoic acid	11.933	5.0	ng	204709	4	11.410	819586	20.0

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

Report of Analysis

Client:	AECOM	Date Collected:	10/16/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/16/25
Client Sample ID:	PR132-S04-000013-20251016	SDG No.:	Q3375
Lab Sample ID:	Q3375-02	Matrix:	SOIL
Analytical Method:	8270E Level : LOW	% Solid:	74.7
Sample Wt/Vol:	30.07 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/20/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	440	U	1	210	440	ug/Kg	10/21/25 17:02	PB170165
108-95-2	Phenol	230	U	1	29.5	230	ug/Kg	10/21/25 17:02	PB170165
111-44-4	bis(2-Chloroethyl)ether	230	U	1	32.5	230	ug/Kg	10/21/25 17:02	PB170165
95-57-8	2-Chlorophenol	230	U	1	32.6	230	ug/Kg	10/21/25 17:02	PB170165
95-48-7	2-Methylphenol	230	U	1	39.9	230	ug/Kg	10/21/25 17:02	PB170165
108-60-1	2,2-oxybis(1-Chloropropane)	230	U	1	50.1	230	ug/Kg	10/21/25 17:02	PB170165
98-86-2	Acetophenone	230	U	1	39.4	230	ug/Kg	10/21/25 17:02	PB170165
65794-96-9	3+4-Methylphenols	440	U	1	54.9	440	ug/Kg	10/21/25 17:02	PB170165
621-64-7	n-Nitroso-di-n-propylamine	110	U	1	63.3	110	ug/Kg	10/21/25 17:02	PB170165
67-72-1	Hexachloroethane	230	U	1	23.5	230	ug/Kg	10/21/25 17:02	PB170165
98-95-3	Nitrobenzene	230	U	1	24.4	230	ug/Kg	10/21/25 17:02	PB170165
78-59-1	Isophorone	230	U	1	43.8	230	ug/Kg	10/21/25 17:02	PB170165
88-75-5	2-Nitrophenol	230	U	1	77.7	230	ug/Kg	10/21/25 17:02	PB170165
105-67-9	2,4-Dimethylphenol	230	U	1	86.5	230	ug/Kg	10/21/25 17:02	PB170165
111-91-1	bis(2-Chloroethoxy)methane	230	U	1	41.1	230	ug/Kg	10/21/25 17:02	PB170165
120-83-2	2,4-Dichlorophenol	230	U	1	37.8	230	ug/Kg	10/21/25 17:02	PB170165
91-20-3	Naphthalene	230	U	1	30.3	230	ug/Kg	10/21/25 17:02	PB170165
106-47-8	4-Chloroaniline	230	U	1	47.3	230	ug/Kg	10/21/25 17:02	PB170165
87-68-3	Hexachlorobutadiene	230	U	1	33.8	230	ug/Kg	10/21/25 17:02	PB170165
105-60-2	Caprolactam	440	U	1	69.6	440	ug/Kg	10/21/25 17:02	PB170165
59-50-7	4-Chloro-3-methylphenol	230	U	1	38.3	230	ug/Kg	10/21/25 17:02	PB170165
91-57-6	2-Methylnaphthalene	230	U	1	34.2	230	ug/Kg	10/21/25 17:02	PB170165
77-47-4	Hexachlorocyclopentadiene	440	U	1	150	440	ug/Kg	10/21/25 17:02	PB170165
88-06-2	2,4,6-Trichlorophenol	230	U	1	26.4	230	ug/Kg	10/21/25 17:02	PB170165
95-95-4	2,4,5-Trichlorophenol	230	U	1	38.9	230	ug/Kg	10/21/25 17:02	PB170165
92-52-4	1,1-Biphenyl	230	U	1	29.1	230	ug/Kg	10/21/25 17:02	PB170165
91-58-7	2-Chloronaphthalene	230	U	1	30.1	230	ug/Kg	10/21/25 17:02	PB170165
88-74-4	2-Nitroaniline	230	U	1	64.2	230	ug/Kg	10/21/25 17:02	PB170165
131-11-3	Dimethylphthalate	230	U	1	36.2	230	ug/Kg	10/21/25 17:02	PB170165
208-96-8	Acenaphthylene	230	U	1	38.6	230	ug/Kg	10/21/25 17:02	PB170165
606-20-2	2,6-Dinitrotoluene	230	U	1	44.9	230	ug/Kg	10/21/25 17:02	PB170165
99-09-2	3-Nitroaniline	230	U	1	61.4	230	ug/Kg	10/21/25 17:02	PB170165
83-32-9	Acenaphthene	230	U	1	28.4	230	ug/Kg	10/21/25 17:02	PB170165
51-28-5	2,4-Dinitrophenol	440	U	1	310	440	ug/Kg	10/21/25 17:02	PB170165
100-02-7	4-Nitrophenol	440	U	1	140	440	ug/Kg	10/21/25 17:02	PB170165
132-64-9	Dibenzofuran	230	U	1	30.3	230	ug/Kg	10/21/25 17:02	PB170165
121-14-2	2,4-Dinitrotoluene	230	U	1	66.9	230	ug/Kg	10/21/25 17:02	PB170165
84-66-2	Diethylphthalate	230	U	1	37.8	230	ug/Kg	10/21/25 17:02	PB170165
7005-72-3	4-Chlorophenyl-phenylether	230	U	1	35.7	230	ug/Kg	10/21/25 17:02	PB170165
86-73-7	Fluorene	230	U	1	33.8	230	ug/Kg	10/21/25 17:02	PB170165
100-01-6	4-Nitroaniline	230	U	1	85.7	230	ug/Kg	10/21/25 17:02	PB170165
534-52-1	4,6-Dinitro-2-methylphenol	440	U	1	140	440	ug/Kg	10/21/25 17:02	PB170165

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Fax : 908 789 8922

Report of Analysis

Client:	AECOM	Date Collected:	10/16/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/16/25
Client Sample ID:	PR132-S04-000013-20251016	SDG No.:	Q3375
Lab Sample ID:	Q3375-02	Matrix:	SOIL
Analytical Method:	8270E Level : LOW	% Solid:	74.7
Sample Wt/Vol:	30.07 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/20/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	230	U	1	43.9	230	ug/Kg	10/21/25 17:02	PB170165
101-55-3	4-Bromophenyl-phenylether	230	U	1	37.1	230	ug/Kg	10/21/25 17:02	PB170165
118-74-1	Hexachlorobenzene	230	U	1	33.8	230	ug/Kg	10/21/25 17:02	PB170165
1912-24-9	Atrazine	230	U	1	45.4	230	ug/Kg	10/21/25 17:02	PB170165
87-86-5	Pentachlorophenol	440	U	1	68.5	440	ug/Kg	10/21/25 17:02	PB170165
85-01-8	Phenanthrene	230	U	1	27.9	230	ug/Kg	10/21/25 17:02	PB170165
120-12-7	Anthracene	230	U	1	44.5	230	ug/Kg	10/21/25 17:02	PB170165
86-74-8	Carbazole	230	U	1	41.7	230	ug/Kg	10/21/25 17:02	PB170165
84-74-2	Di-n-butylphthalate	230	U	1	64.0	230	ug/Kg	10/21/25 17:02	PB170165
206-44-0	Fluoranthene	230	U	1	40.1	230	ug/Kg	10/21/25 17:02	PB170165
129-00-0	Pyrene	230	U	1	48.1	230	ug/Kg	10/21/25 17:02	PB170165
85-68-7	Butylbenzylphthalate	230	U	1	95.4	230	ug/Kg	10/21/25 17:02	PB170165
91-94-1	3,3-Dichlorobenzidine	440	U	1	49.0	440	ug/Kg	10/21/25 17:02	PB170165
56-55-3	Benzo(a)anthracene	230	U	1	30.7	230	ug/Kg	10/21/25 17:02	PB170165
218-01-9	Chrysene	230	U	1	26.6	230	ug/Kg	10/21/25 17:02	PB170165
117-81-7	Bis(2-ethylhexyl)phthalate	230	U	1	79.1	230	ug/Kg	10/21/25 17:02	PB170165
117-84-0	Di-n-octyl phthalate	440	U	1	120	440	ug/Kg	10/21/25 17:02	PB170165
205-99-2	Benzo(b)fluoranthene	230	U	1	25.4	230	ug/Kg	10/21/25 17:02	PB170165
207-08-9	Benzo(k)fluoranthene	230	U	1	29.9	230	ug/Kg	10/21/25 17:02	PB170165
50-32-8	Benzo(a)pyrene	230	U	1	39.4	230	ug/Kg	10/21/25 17:02	PB170165
193-39-5	Indeno(1,2,3-cd)pyrene	230	U	1	38.9	230	ug/Kg	10/21/25 17:02	PB170165
53-70-3	Dibenzo(a,h)anthracene	230	U	1	36.6	230	ug/Kg	10/21/25 17:02	PB170165
191-24-2	Benzo(g,h,i)perylene	230	U	1	34.3	230	ug/Kg	10/21/25 17:02	PB170165
95-94-3	1,2,4,5-Tetrachlorobenzene	230	U	1	34.2	230	ug/Kg	10/21/25 17:02	PB170165
123-91-1	1,4-Dioxane	230	U	1	60.4	230	ug/Kg	10/21/25 17:02	PB170165
58-90-2	2,3,4,6-Tetrachlorophenol	230	U	1	36.6	230	ug/Kg	10/21/25 17:02	PB170165
SURROGATES									
367-12-4	2-Fluorophenol	87.8			18 - 112	59%	SPK: 150		
13127-88-3	Phenol-d6	85.8			15 - 107	57%	SPK: 150		
4165-60-0	Nitrobenzene-d5	61.3			18 - 107	61%	SPK: 100		
321-60-8	2-Fluorobiphenyl	61.2			20 - 109	61%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	79.9			10 - 116	53%	SPK: 150		
1718-51-0	Terphenyl-d14	44.1			10 - 105	44%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	117000							
1146-65-2	Naphthalene-d8	420000							
15067-26-2	Acenaphthene-d10	202000							
1517-22-2	Phenanthrene-d10	309000							
1719-03-5	Chrysene-d12	254000							
1520-96-3	Perylene-d12	319000							
TENTATIVE IDENTIFIED COMPOUNDS									
000119-61-9	Benzophenone	390	J			10.6	ug/Kg		
000057-10-3	n-Hexadecanoic acid	250	J			11.9	ug/Kg		

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Report of Analysis

Client:	AECOM	Date Collected:	10/16/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/16/25
Client Sample ID:	PR132-S04-000013-20251016	SDG No.:	Q3375
Lab Sample ID:	Q3375-02	Matrix:	SOIL
Analytical Method:	8270E Level : LOW	% Solid:	74.7
Sample Wt/Vol:	30.07 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/20/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
959218-78-1	Pentafluoropropionic acid, heptade	220	J			13.9	ug/Kg		

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_F\Data\BF102125\
Data File : BF144016.D
Acq On : 21 Oct 2025 17:02
Operator : RC/JU
Sample : Q3375-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S04-000013-20251016

Quant Time: Oct 21 17:21:58 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	116615	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	420206	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	202155	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	308753	20.000	ng	0.00
76) Chrysene-d12	14.057	240	254161	20.000	ng	-0.01
86) Perylene-d12	15.545	264	318784	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	644522	87.767	ng	0.00
7) Phenol-d6	6.504	99	751068	85.805	ng	-0.01
23) Nitrobenzene-d5	7.440	82	423850	61.282	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	160958	79.939	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	780028	61.225	ng	-0.01
79) Terphenyl-d14	12.998	244	655600	44.085	ng	-0.01

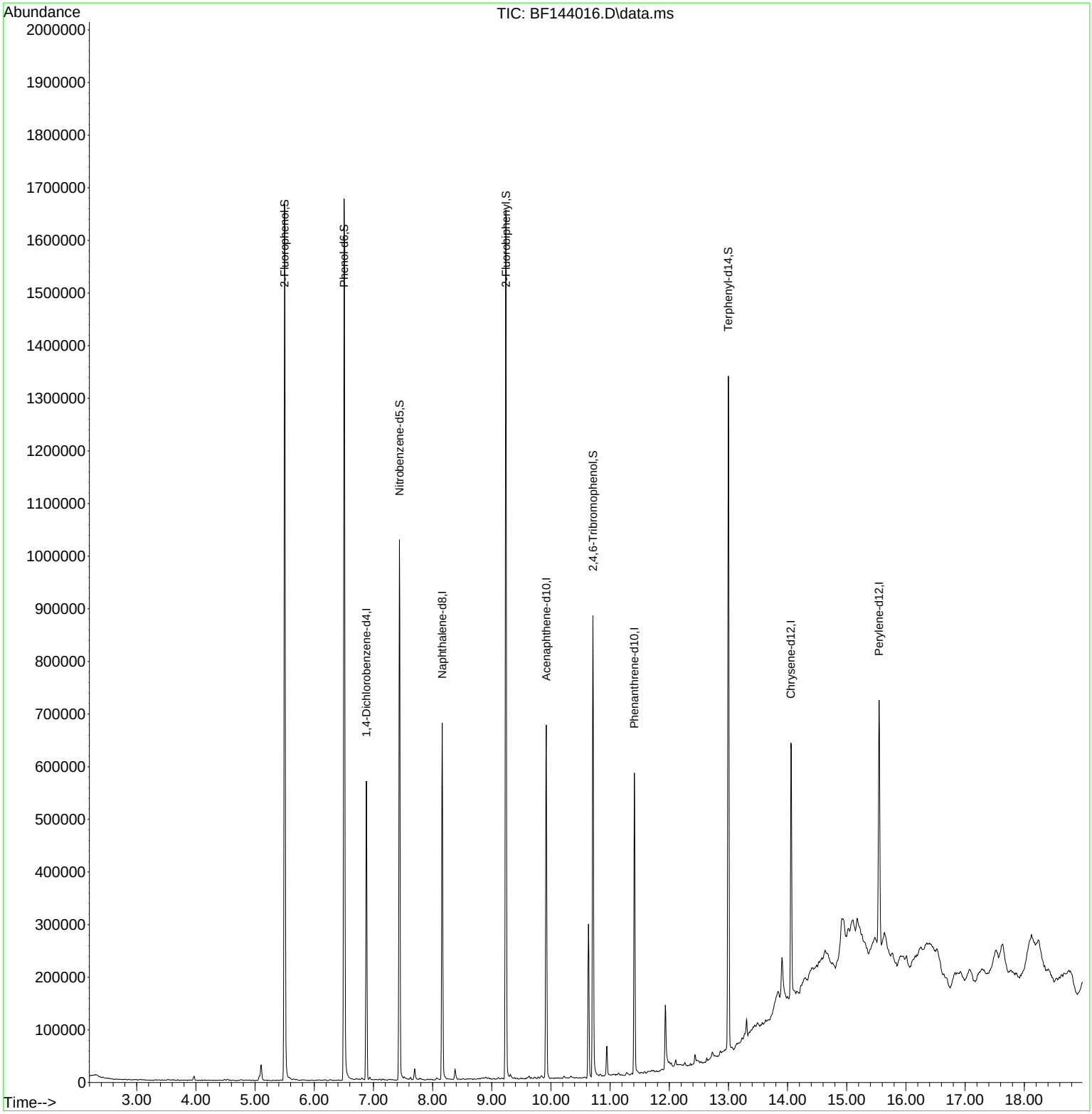
Target Compounds Qvalue

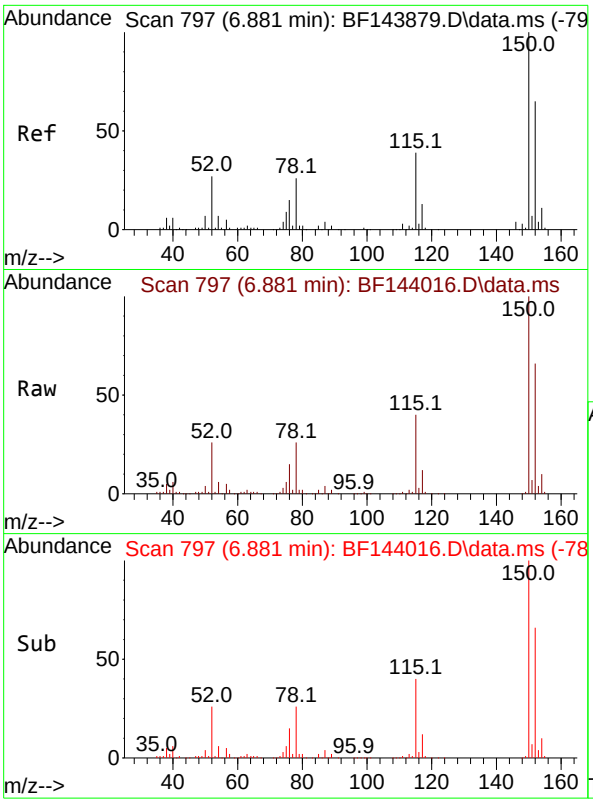
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144016.D
Acq On : 21 Oct 2025 17:02
Operator : RC/JU
Sample : Q3375-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S04-000013-20251016

Quant Time: Oct 21 17:21:58 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



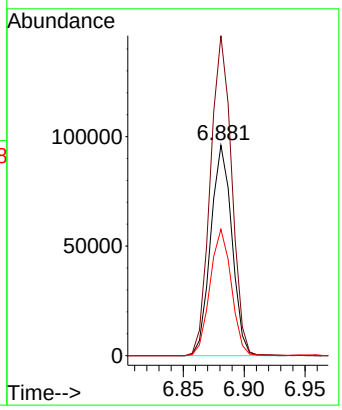


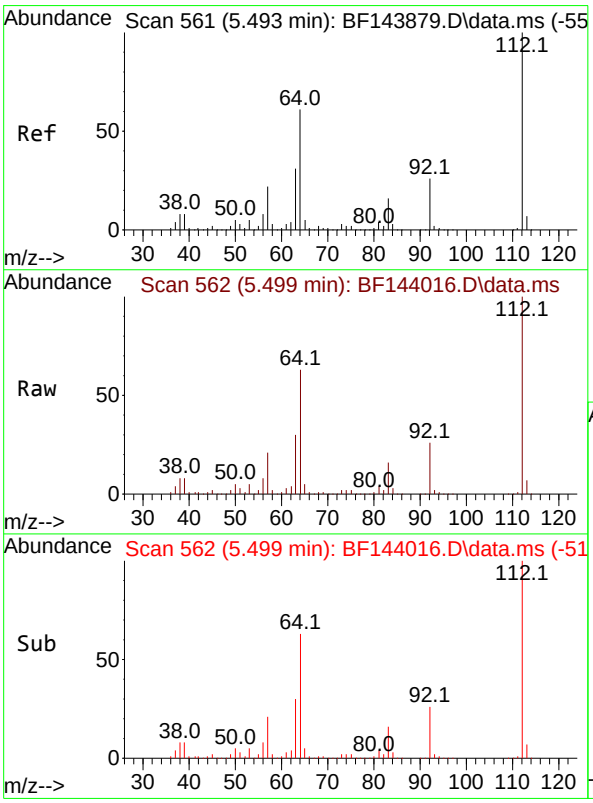
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 7
Delta R.T. -0.005 min
Lab File: BF144016.D
Acq: 21 Oct 2025 17:02

Instrument :
BNA_F
ClientSampleId :
PR132-S04-000013-20251016

Tgt Ion:152 Resp: 116615

Ion	Ratio	Lower	Upper
152	100		
150	152.1	124.4	186.6
115	60.1	48.1	72.1

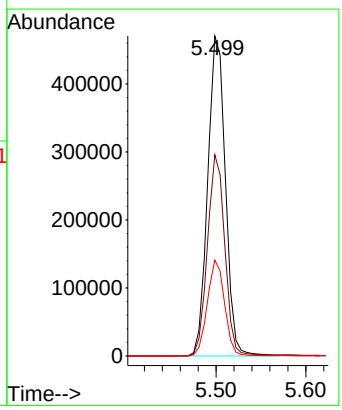


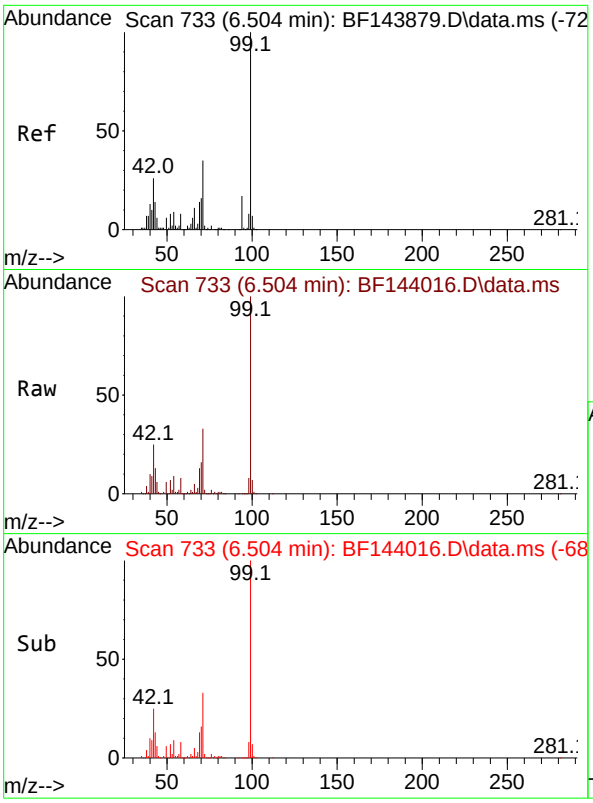


#5
2-Fluorophenol
Concen: 87.767 ng
RT: 5.499 min Scan# 562
Delta R.T. 0.000 min
Lab File: BF144016.D
Acq: 21 Oct 2025 17:02

Tgt Ion:112 Resp: 644522

Ion	Ratio	Lower	Upper
112	100		
64	62.9	49.1	73.7
63	29.9	24.5	36.7



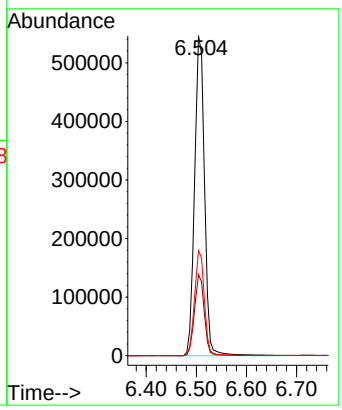


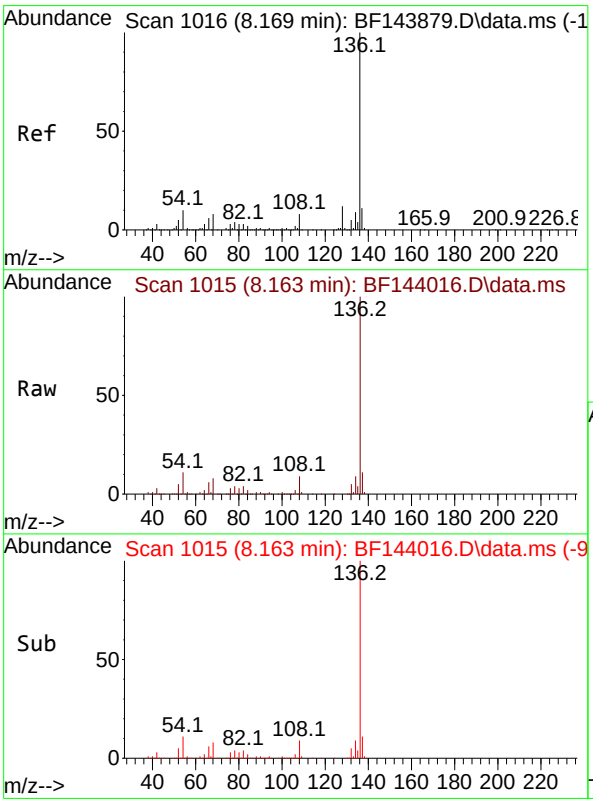
#7
Phenol-d6
Concen: 85.805 ng
RT: 6.504 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF144016.D
Acq: 21 Oct 2025 17:02

Instrument :
BNA_F
ClientSampleId :
PR132-S04-000013-20251016

Tgt Ion: 99 Resp: 751068

Ion	Ratio	Lower	Upper
99	100		
42	25.3	21.0	31.4
71	32.8	27.8	41.8

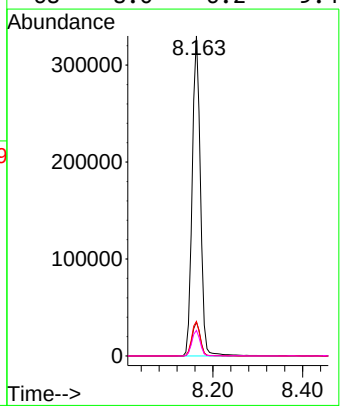


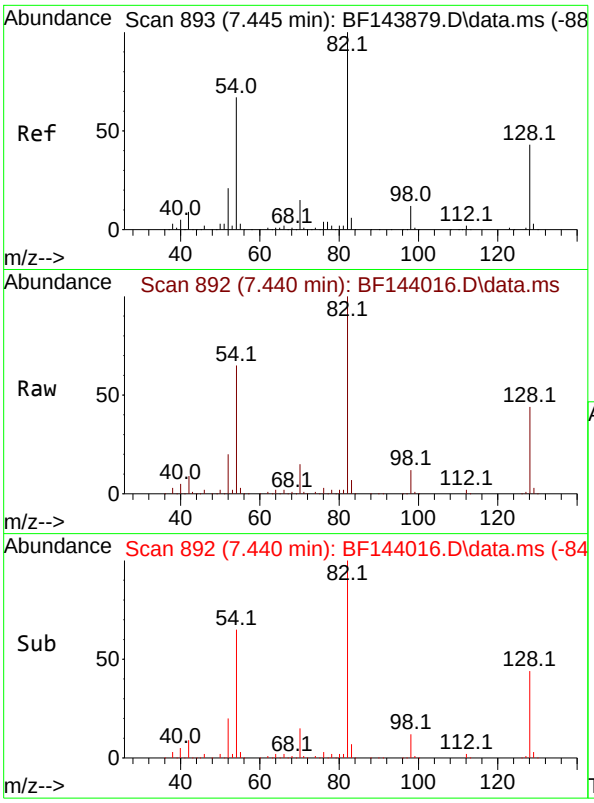


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF144016.D
Acq: 21 Oct 2025 17:02

Tgt Ion:136 Resp: 420206

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	10.8	8.2	12.4
68	8.0	6.2	9.4



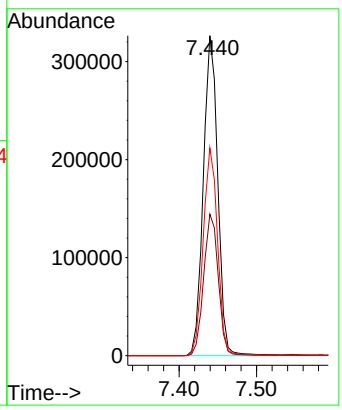


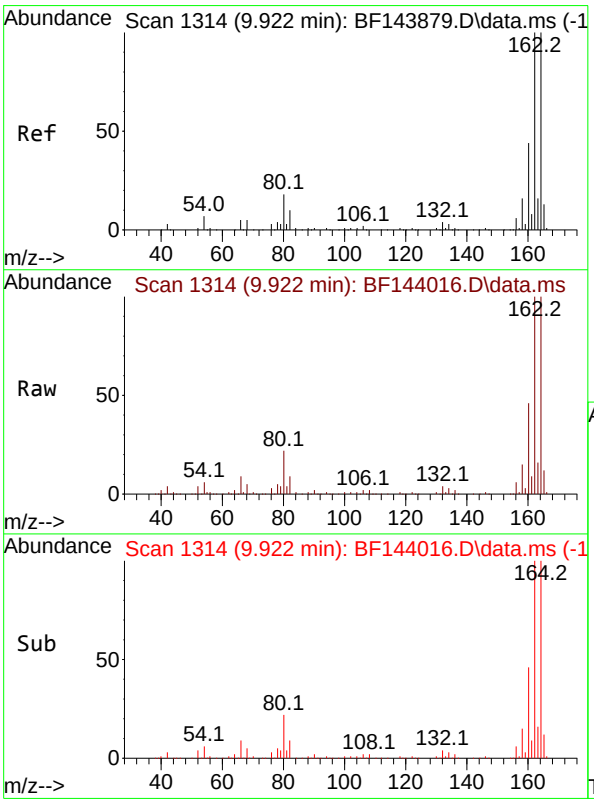
#23
Nitrobenzene-d5
Concen: 61.282 ng
RT: 7.440 min Scan# 8
Delta R.T. -0.017 min
Lab File: BF144016.D
Acq: 21 Oct 2025 17:02

Instrument :
BNA_F
ClientSampleId :
PR132-S04-000013-20251016

Tgt Ion: 82 Resp: 423850

Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.0	51.0
54	65.0	53.2	79.8

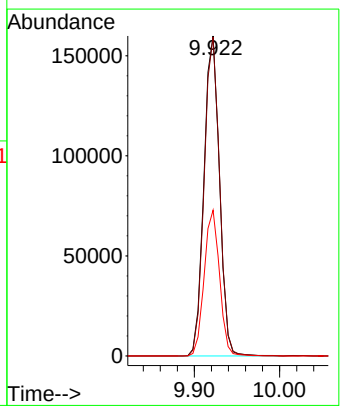


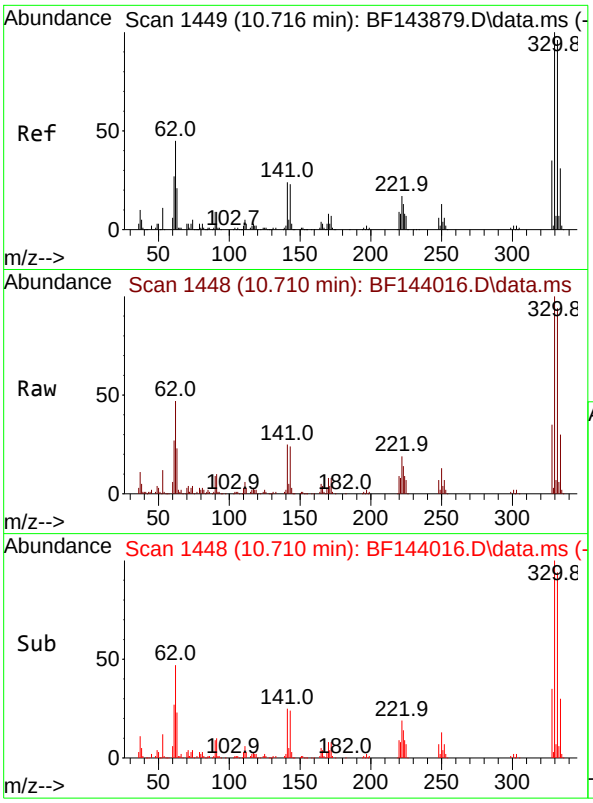


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BF144016.D
Acq: 21 Oct 2025 17:02

Tgt Ion:164 Resp: 202155

Ion	Ratio	Lower	Upper
164	100		
162	99.7	80.2	120.2
160	45.5	35.4	53.0



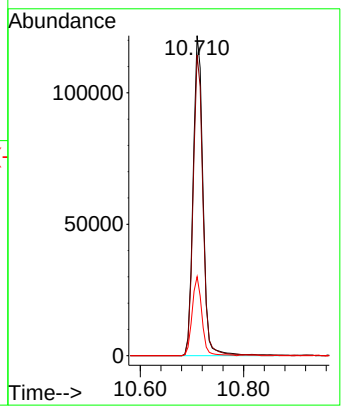


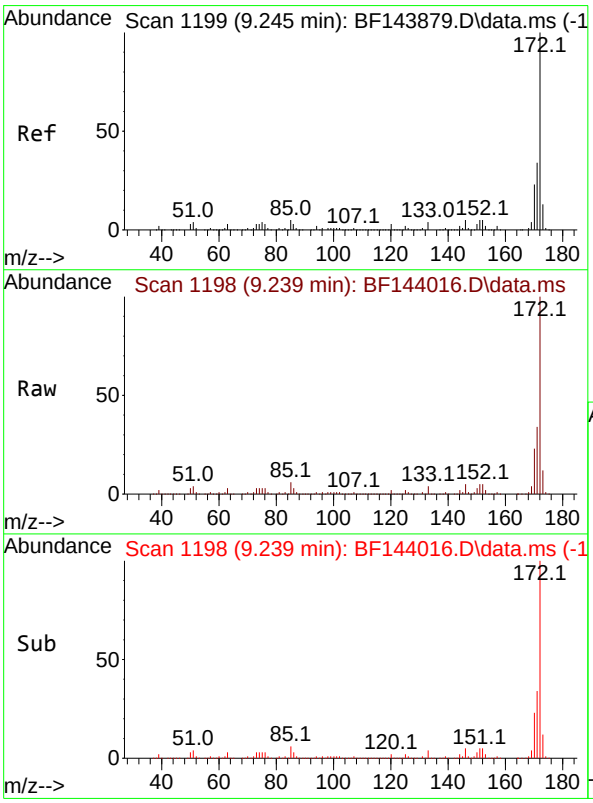
#42
2,4,6-Tribromophenol
Concen: 79.939 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF144016.D
Acq: 21 Oct 2025 17:02

Instrument :
BNA_F
ClientSampleId :
PR132-S04-000013-20251016

Tgt Ion:330 Resp: 160958

Ion	Ratio	Lower	Upper
330	100		
332	93.0	76.9	115.3
141	24.4	20.2	30.4

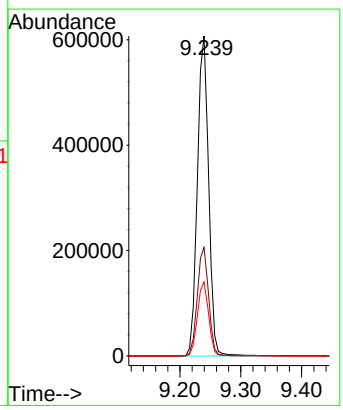


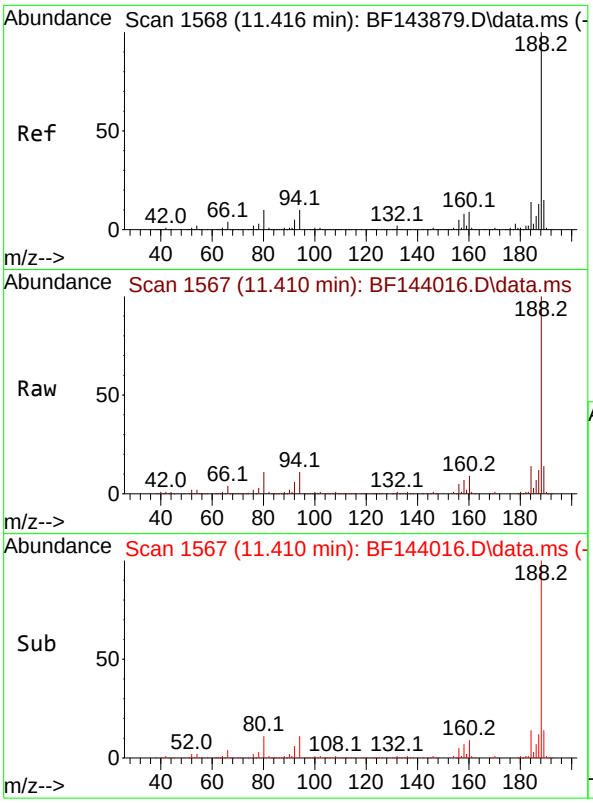


#45
2-Fluorobiphenyl
Concen: 61.225 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.011 min
Lab File: BF144016.D
Acq: 21 Oct 2025 17:02

Tgt Ion:172 Resp: 780028

Ion	Ratio	Lower	Upper
172	100		
171	33.9	27.4	41.0
170	23.1	18.6	28.0



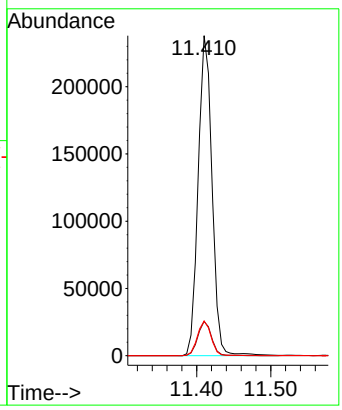


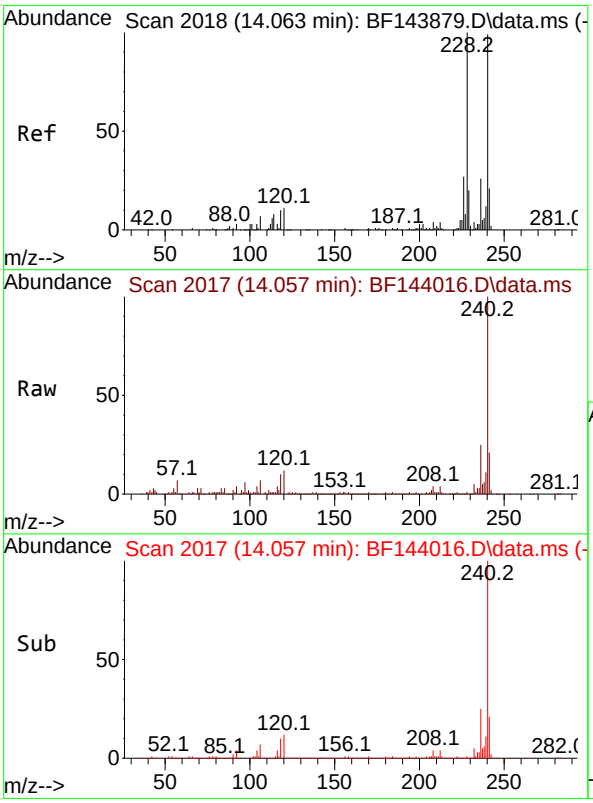
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144016.D
Acq: 21 Oct 2025 17:02

Instrument :
BNA_F
ClientSampleId :
PR132-S04-000013-20251016

Tgt Ion:188 Resp: 308753

Ion	Ratio	Lower	Upper
188	100		
94	10.7	7.8	11.6
80	10.9	7.9	11.9

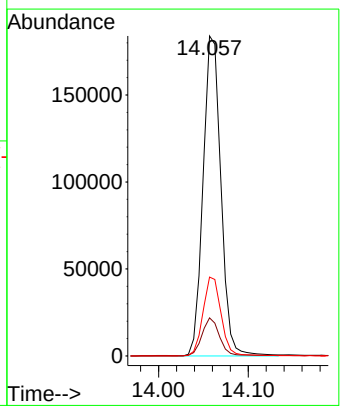


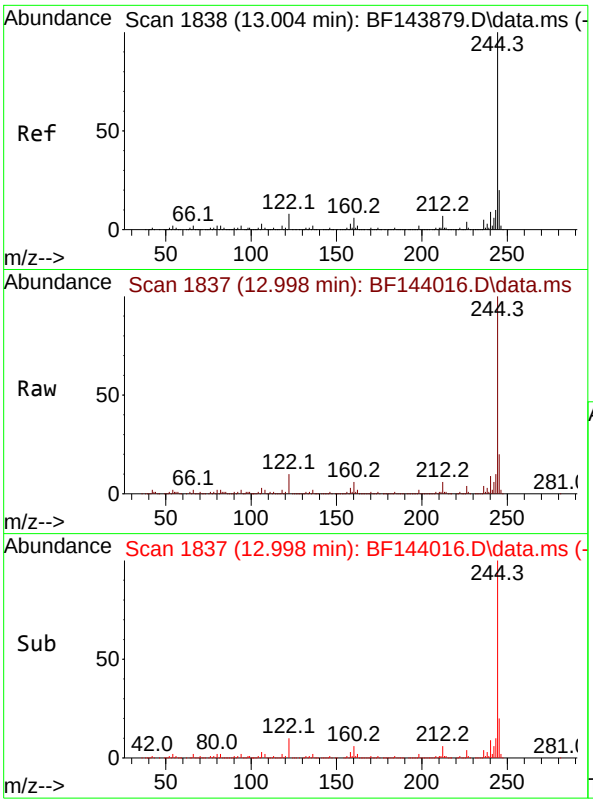


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.011 min
Lab File: BF144016.D
Acq: 21 Oct 2025 17:02

Tgt Ion:240 Resp: 254161

Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.6	13.0
236	24.7	21.1	31.7



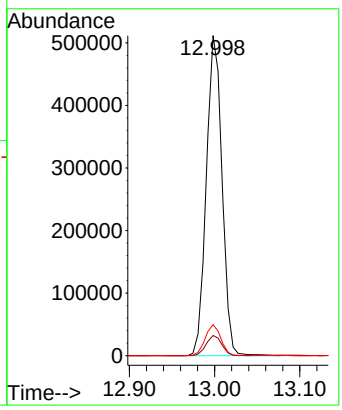


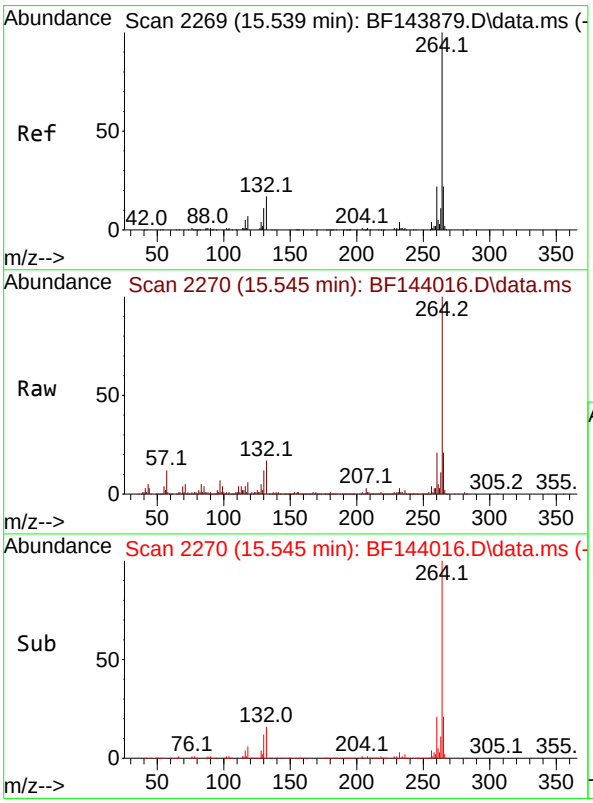
#79
Terphenyl-d14
Concen: 44.085 ng
RT: 12.998 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144016.D
Acq: 21 Oct 2025 17:02

Instrument :
BNA_F
ClientSampleId :
PR132-S04-000013-20251016

Tgt Ion:244 Resp: 655600

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	9.7	6.4	9.6#

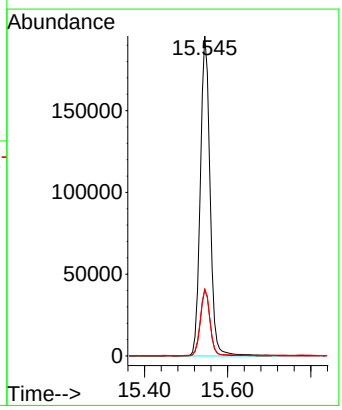




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF144016.D
Acq: 21 Oct 2025 17:02

Tgt Ion:264 Resp: 318784

Ion	Ratio	Lower	Upper
264	100		
260	20.7	17.8	26.8
265	20.8	17.5	26.3



Sample Results: **BF144016.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144016.D
Acq On : 21 Oct 2025 17:02
Operator : RC/JU
Sample : Q3375-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S04-000013-20251016

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_F\Methods\8270-BF100625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144016.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.104	490	495	503	rVB	28982	49342	2.12%	0.302%
2	5.499	556	562	574	rBV	1664987	2250648	96.81%	13.753%
3	6.504	727	733	755	rBV	1674607	2324734	100.00%	14.205%
4	6.881	792	797	802	rBV	567448	688712	29.63%	4.208%
5	7.440	886	892	903	rBV	1026548	1337715	57.54%	8.174%
6	7.698	928	936	948	rBV	20589	34779	1.50%	0.213%
7	8.163	1010	1015	1027	rBV	676971	857206	36.87%	5.238%
8	8.381	1046	1052	1059	rBV	18641	28590	1.23%	0.175%
9	9.239	1192	1198	1208	rBV	1651570	2130573	91.65%	13.019%
10	9.922	1308	1314	1325	rVB	671906	857966	36.91%	5.243%
11	10.634	1430	1435	1443	rBV	292997	371645	15.99%	2.271%
12	10.710	1443	1448	1465	rVV	876678	1156574	49.75%	7.067%
13	10.945	1481	1488	1493	rBV	56901	78163	3.36%	0.478%
14	11.410	1562	1567	1582	rBV	572547	753761	32.42%	4.606%
15	11.933	1652	1656	1665	rBV	121973	210145	9.04%	1.284%
16	12.998	1832	1837	1845	rVB	1276048	1621151	69.73%	9.906%
17	13.304	1887	1889	1893	rVB3	30668	33881	1.46%	0.207%
18	13.904	1988	1991	2004	rVB2	77460	167985	7.23%	1.026%
19	14.057	2013	2017	2031	rBV	479087	683442	29.40%	4.176%
20	15.545	2265	2270	2277	rVB	464713	728262	31.33%	4.450%

Sum of corrected areas: 16365274

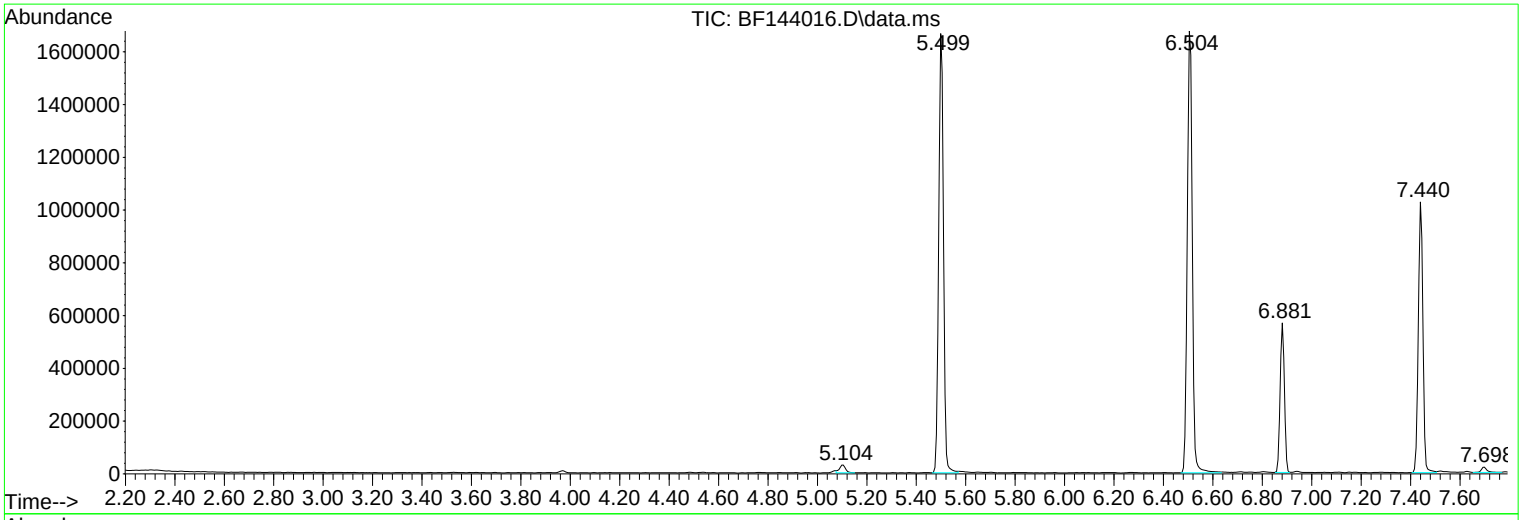
Sample Results: **BF144016.D**

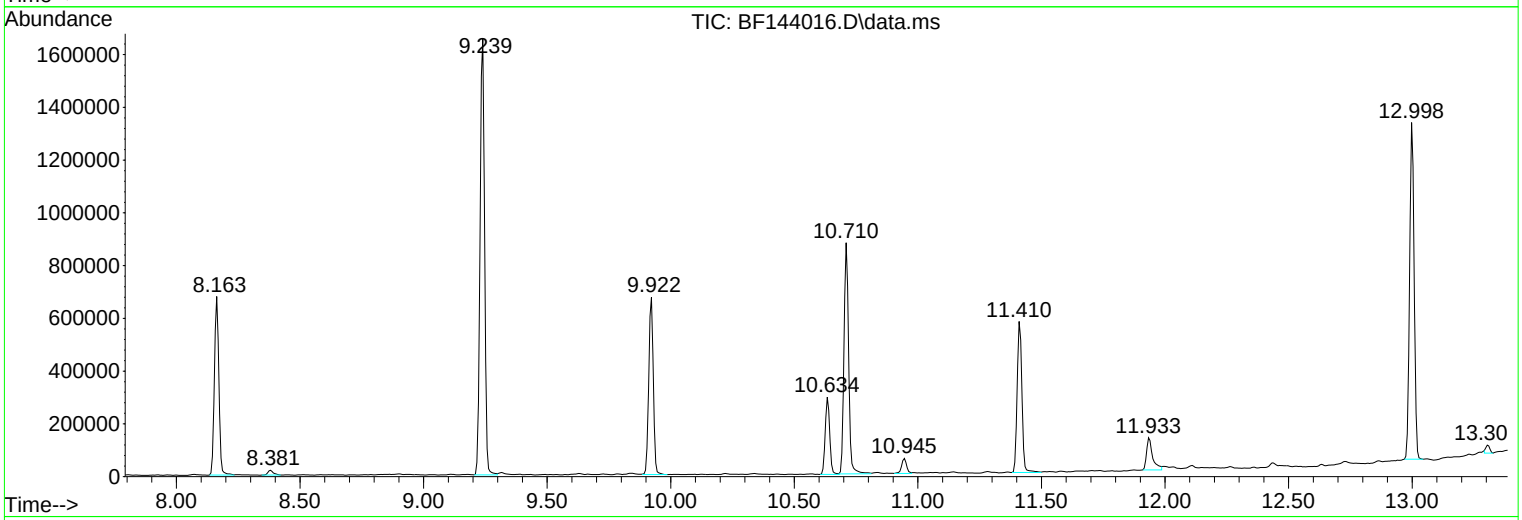
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144016.D
Acq On : 21 Oct 2025 17:02
Operator : RC/JU
Sample : Q3375-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

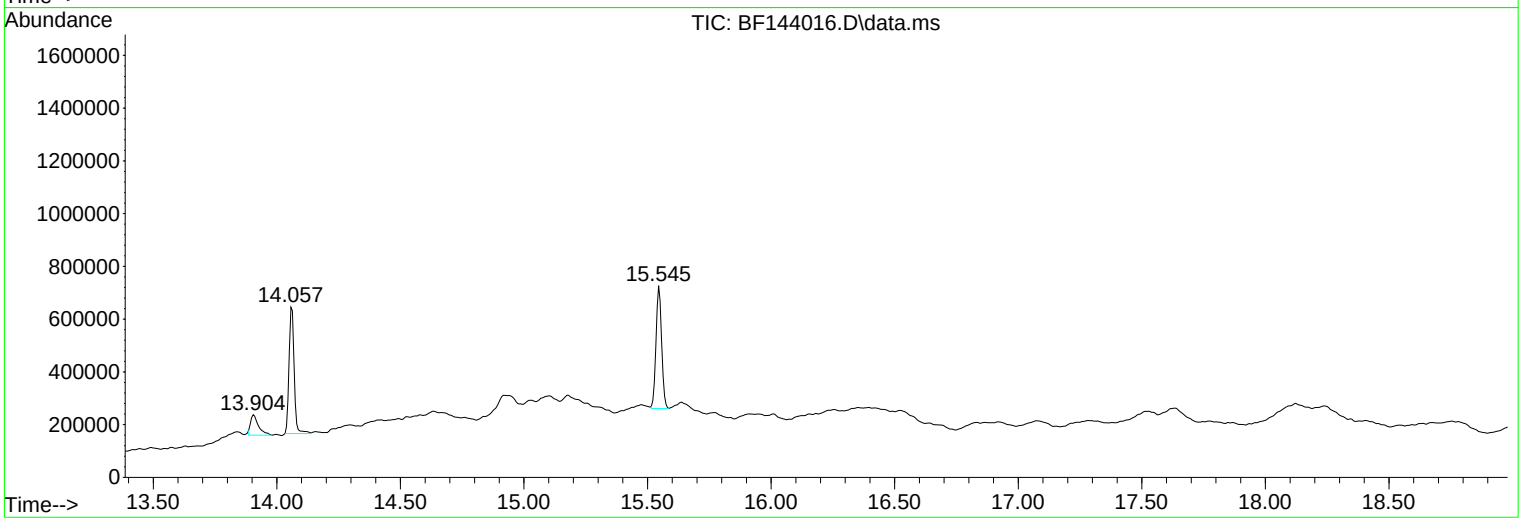
Instrument :
BNA_F
ClientSampleId :
PR132-S04-000013-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.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_F\Data\BF102125\
Data File : BF144016.D
Acq On : 21 Oct 2025 17:02
Operator : RC/JU
Sample : Q3375-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S04-000013-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

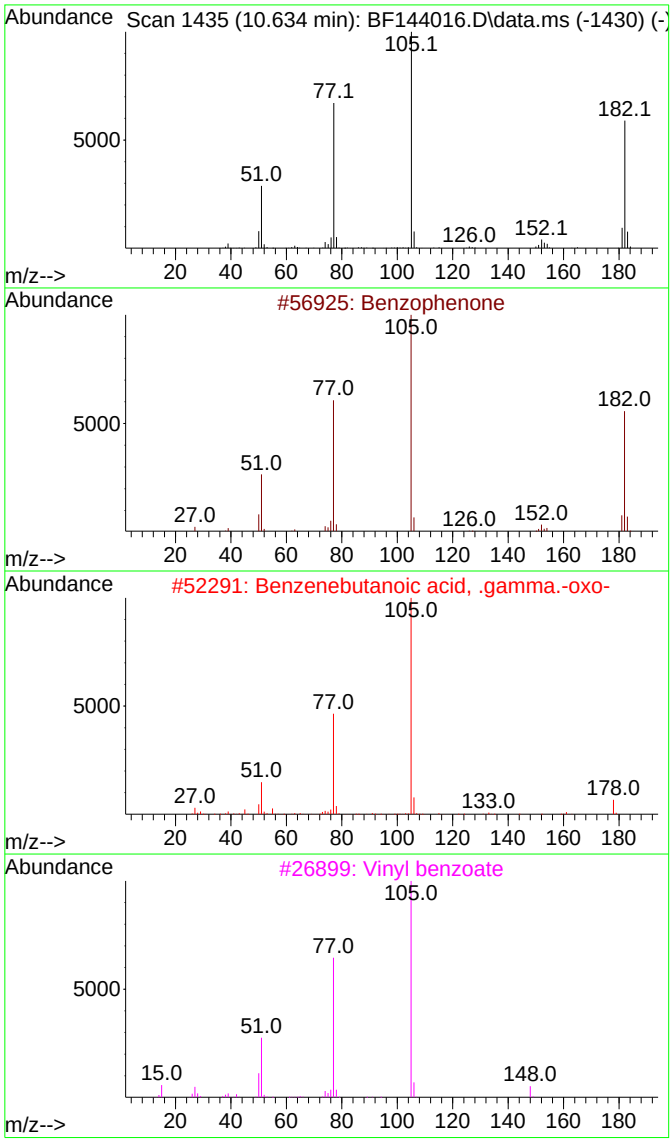
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

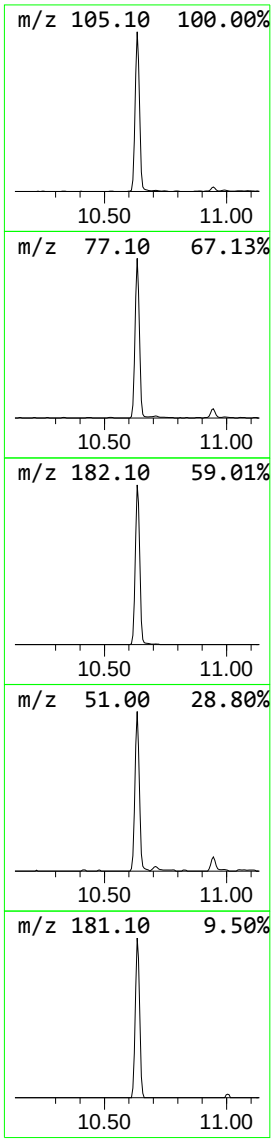
****

Peak Number 1 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.634	8.66 ng	371645	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
3	Vinyl benzoate	148	C9H8O2	000769-78-8	47
4	Benzene, (trimethoxymethyl)-	182	C10H14O3	000707-07-3	47
5	Benzoic acid, pentafluorophenyl ...	288	C13H5F5O2	1000360-67-9	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144016.D
Acq On : 21 Oct 2025 17:02
Operator : RC/JU
Sample : Q3375-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S04-000013-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

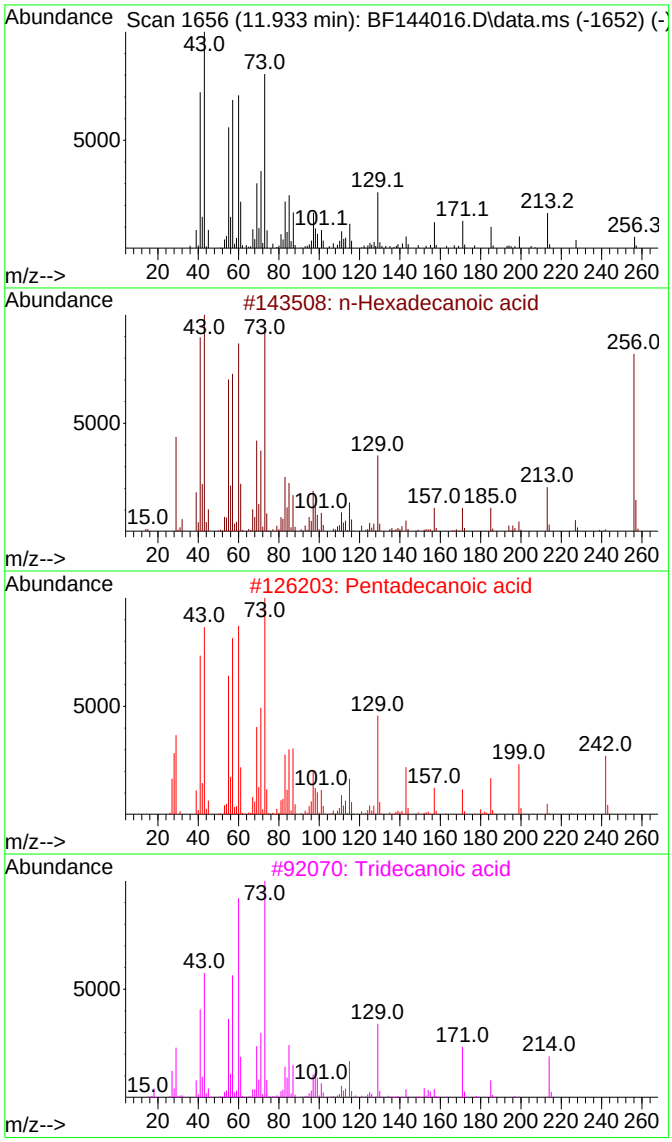
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

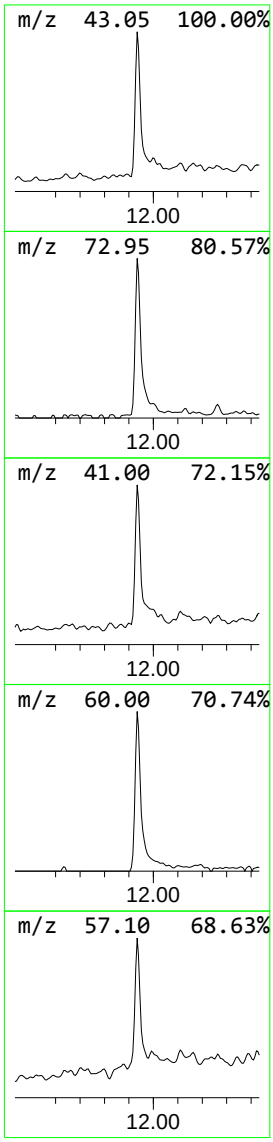
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	5.58 ng	210145	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5	n-Decanoic acid	172	C10H20O2	000334-48-5	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144016.D
Acq On : 21 Oct 2025 17:02
Operator : RC/JU
Sample : Q3375-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S04-000013-20251016

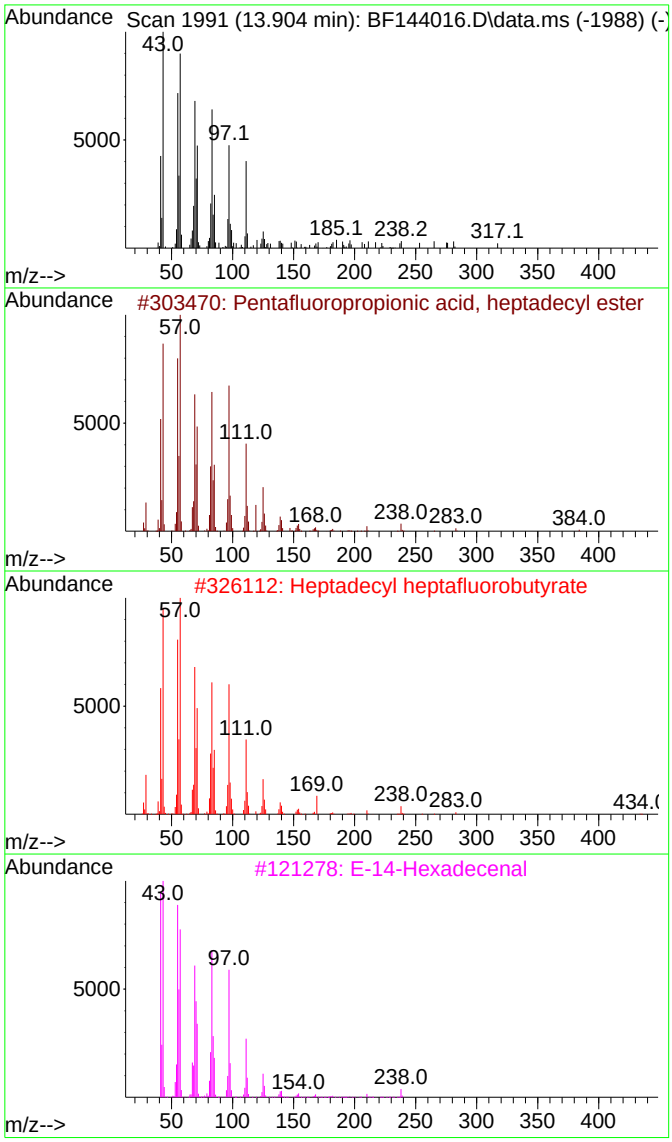
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

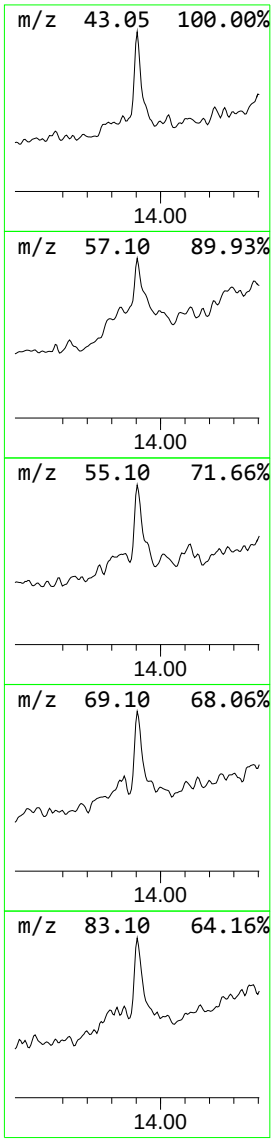
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Pentafluoropropionic acid, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	4.92 ng	167985	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	87
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	87
3	E-14-Hexadecenal	238	C16H30O	330207-53-9	86
4	17-Pentatriacontene	491	C35H70	006971-40-0	83
5	1-Tetracosene	336	C24H48	010192-32-2	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144016.D
Acq On : 21 Oct 2025 17:02
Operator : RC/JU
Sample : Q3375-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S04-000013-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.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	10.634	8.7	ng	371645	3	9.922	857966	20.0
n-Hexadecanoic ...	11.933	5.6	ng	210145	4	11.410	753761	20.0
Pentafluoroprop...	13.904	4.9	ng	167985	5	14.057	683442	20.0

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Report of Analysis

Client:	AECOM	Date Collected:	10/16/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/16/25
Client Sample ID:	PR132-S05-000057-20251016	SDG No.:	Q3375
Lab Sample ID:	Q3375-03	Matrix:	SOIL
Analytical Method:	8270E Level : LOW	% Solid:	66.7
Sample Wt/Vol:	30.03 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/20/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	490	U	1	230	490	ug/Kg	10/21/25 17:31	PB170165
108-95-2	Phenol	250	U	1	33.1	250	ug/Kg	10/21/25 17:31	PB170165
111-44-4	bis(2-Chloroethyl)ether	250	U	1	36.4	250	ug/Kg	10/21/25 17:31	PB170165
95-57-8	2-Chlorophenol	250	U	1	36.5	250	ug/Kg	10/21/25 17:31	PB170165
95-48-7	2-Methylphenol	250	U	1	44.8	250	ug/Kg	10/21/25 17:31	PB170165
108-60-1	2,2-oxybis(1-Chloropropane)	250	U	1	56.2	250	ug/Kg	10/21/25 17:31	PB170165
98-86-2	Acetophenone	250	U	1	44.2	250	ug/Kg	10/21/25 17:31	PB170165
65794-96-9	3+4-Methylphenols	490	U	1	61.6	490	ug/Kg	10/21/25 17:31	PB170165
621-64-7	n-Nitroso-di-n-propylamine	120	U	1	71.0	120	ug/Kg	10/21/25 17:31	PB170165
67-72-1	Hexachloroethane	250	U	1	26.4	250	ug/Kg	10/21/25 17:31	PB170165
98-95-3	Nitrobenzene	250	U	1	27.4	250	ug/Kg	10/21/25 17:31	PB170165
78-59-1	Isophorone	250	U	1	49.1	250	ug/Kg	10/21/25 17:31	PB170165
88-75-5	2-Nitrophenol	250	U	1	87.2	250	ug/Kg	10/21/25 17:31	PB170165
105-67-9	2,4-Dimethylphenol	250	U	1	97.1	250	ug/Kg	10/21/25 17:31	PB170165
111-91-1	bis(2-Chloroethoxy)methane	250	U	1	46.1	250	ug/Kg	10/21/25 17:31	PB170165
120-83-2	2,4-Dichlorophenol	250	U	1	42.4	250	ug/Kg	10/21/25 17:31	PB170165
91-20-3	Naphthalene	250	U	1	34.0	250	ug/Kg	10/21/25 17:31	PB170165
106-47-8	4-Chloroaniline	250	U	1	53.0	250	ug/Kg	10/21/25 17:31	PB170165
87-68-3	Hexachlorobutadiene	250	U	1	37.9	250	ug/Kg	10/21/25 17:31	PB170165
105-60-2	Caprolactam	490	U	1	78.0	490	ug/Kg	10/21/25 17:31	PB170165
59-50-7	4-Chloro-3-methylphenol	250	U	1	43.0	250	ug/Kg	10/21/25 17:31	PB170165
91-57-6	2-Methylnaphthalene	250	U	1	38.3	250	ug/Kg	10/21/25 17:31	PB170165
77-47-4	Hexachlorocyclopentadiene	490	U	1	170	490	ug/Kg	10/21/25 17:31	PB170165
88-06-2	2,4,6-Trichlorophenol	250	U	1	29.7	250	ug/Kg	10/21/25 17:31	PB170165
95-95-4	2,4,5-Trichlorophenol	250	U	1	43.6	250	ug/Kg	10/21/25 17:31	PB170165
92-52-4	1,1-Biphenyl	250	U	1	32.7	250	ug/Kg	10/21/25 17:31	PB170165
91-58-7	2-Chloronaphthalene	250	U	1	33.7	250	ug/Kg	10/21/25 17:31	PB170165
88-74-4	2-Nitroaniline	250	U	1	72.0	250	ug/Kg	10/21/25 17:31	PB170165
131-11-3	Dimethylphthalate	250	U	1	40.6	250	ug/Kg	10/21/25 17:31	PB170165
208-96-8	Acenaphthylene	250	U	1	43.3	250	ug/Kg	10/21/25 17:31	PB170165
606-20-2	2,6-Dinitrotoluene	250	U	1	50.3	250	ug/Kg	10/21/25 17:31	PB170165
99-09-2	3-Nitroaniline	250	U	1	68.9	250	ug/Kg	10/21/25 17:31	PB170165
83-32-9	Acenaphthene	250	U	1	31.9	250	ug/Kg	10/21/25 17:31	PB170165
51-28-5	2,4-Dinitrophenol	490	U	1	340	490	ug/Kg	10/21/25 17:31	PB170165
100-02-7	4-Nitrophenol	490	U	1	160	490	ug/Kg	10/21/25 17:31	PB170165
132-64-9	Dibenzofuran	250	U	1	34.0	250	ug/Kg	10/21/25 17:31	PB170165
121-14-2	2,4-Dinitrotoluene	250	U	1	75.0	250	ug/Kg	10/21/25 17:31	PB170165
84-66-2	Diethylphthalate	250	U	1	42.4	250	ug/Kg	10/21/25 17:31	PB170165
7005-72-3	4-Chlorophenyl-phenylether	250	U	1	40.0	250	ug/Kg	10/21/25 17:31	PB170165
86-73-7	Fluorene	250	U	1	37.9	250	ug/Kg	10/21/25 17:31	PB170165
100-01-6	4-Nitroaniline	250	U	1	96.2	250	ug/Kg	10/21/25 17:31	PB170165
534-52-1	4,6-Dinitro-2-methylphenol	490	U	1	150	490	ug/Kg	10/21/25 17:31	PB170165

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Report of Analysis

Client:	AECOM	Date Collected:	10/16/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/16/25
Client Sample ID:	PR132-S05-000057-20251016	SDG No.:	Q3375
Lab Sample ID:	Q3375-03	Matrix:	SOIL
Analytical Method:	8270E Level : LOW	% Solid:	66.7
Sample Wt/Vol:	30.03 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/20/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	250	U	1	49.3	250	ug/Kg	10/21/25 17:31	PB170165
101-55-3	4-Bromophenyl-phenylether	250	U	1	41.6	250	ug/Kg	10/21/25 17:31	PB170165
118-74-1	Hexachlorobenzene	250	U	1	37.9	250	ug/Kg	10/21/25 17:31	PB170165
1912-24-9	Atrazine	250	U	1	50.9	250	ug/Kg	10/21/25 17:31	PB170165
87-86-5	Pentachlorophenol	490	U	1	76.8	490	ug/Kg	10/21/25 17:31	PB170165
85-01-8	Phenanthrene	250	U	1	31.3	250	ug/Kg	10/21/25 17:31	PB170165
120-12-7	Anthracene	250	U	1	49.9	250	ug/Kg	10/21/25 17:31	PB170165
86-74-8	Carbazole	250	U	1	46.7	250	ug/Kg	10/21/25 17:31	PB170165
84-74-2	Di-n-butylphthalate	250	U	1	71.7	250	ug/Kg	10/21/25 17:31	PB170165
206-44-0	Fluoranthene	250	U	1	44.9	250	ug/Kg	10/21/25 17:31	PB170165
129-00-0	Pyrene	250	U	1	53.9	250	ug/Kg	10/21/25 17:31	PB170165
85-68-7	Butylbenzylphthalate	250	U	1	110	250	ug/Kg	10/21/25 17:31	PB170165
91-94-1	3,3-Dichlorobenzidine	490	U	1	55.0	490	ug/Kg	10/21/25 17:31	PB170165
56-55-3	Benzo(a)anthracene	250	U	1	34.4	250	ug/Kg	10/21/25 17:31	PB170165
218-01-9	Chrysene	250	U	1	29.8	250	ug/Kg	10/21/25 17:31	PB170165
117-81-7	Bis(2-ethylhexyl)phthalate	250	U	1	88.7	250	ug/Kg	10/21/25 17:31	PB170165
117-84-0	Di-n-octyl phthalate	490	U	1	130	490	ug/Kg	10/21/25 17:31	PB170165
205-99-2	Benzo(b)fluoranthene	250	U	1	28.5	250	ug/Kg	10/21/25 17:31	PB170165
207-08-9	Benzo(k)fluoranthene	250	U	1	33.5	250	ug/Kg	10/21/25 17:31	PB170165
50-32-8	Benzo(a)pyrene	250	U	1	44.2	250	ug/Kg	10/21/25 17:31	PB170165
193-39-5	Indeno(1,2,3-cd)pyrene	250	U	1	43.6	250	ug/Kg	10/21/25 17:31	PB170165
53-70-3	Dibenzo(a,h)anthracene	250	U	1	41.0	250	ug/Kg	10/21/25 17:31	PB170165
191-24-2	Benzo(g,h,i)perylene	250	U	1	38.5	250	ug/Kg	10/21/25 17:31	PB170165
95-94-3	1,2,4,5-Tetrachlorobenzene	250	U	1	38.3	250	ug/Kg	10/21/25 17:31	PB170165
123-91-1	1,4-Dioxane	250	U	1	67.7	250	ug/Kg	10/21/25 17:31	PB170165
58-90-2	2,3,4,6-Tetrachlorophenol	250	U	1	41.0	250	ug/Kg	10/21/25 17:31	PB170165
SURROGATES									
367-12-4	2-Fluorophenol	59.8			18 - 112	40%	SPK: 150		
13127-88-3	Phenol-d6	57.6			15 - 107	38%	SPK: 150		
4165-60-0	Nitrobenzene-d5	40.5			18 - 107	40%	SPK: 100		
321-60-8	2-Fluorobiphenyl	36.8			20 - 109	37%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	47.6			10 - 116	32%	SPK: 150		
1718-51-0	Terphenyl-d14	23.4			10 - 105	23%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	112000							
1146-65-2	Naphthalene-d8	395000							
15067-26-2	Acenaphthene-d10	187000							
1517-22-2	Phenanthrene-d10	280000							
1719-03-5	Chrysene-d12	258000							
1520-96-3	Perylene-d12	325000							
TENTATIVE IDENTIFIED COMPOUNDS									
000119-61-9	Benzophenone	220	J			10.6	ug/Kg		

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Report of Analysis

Client:	AECOM	Date Collected:	10/16/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/16/25
Client Sample ID:	PR132-S05-000057-20251016	SDG No.:	Q3375
Lab Sample ID:	Q3375-03	Matrix:	SOIL
Analytical Method:	8270E Level : LOW	% Solid:	66.7
Sample Wt/Vol:	30.03 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/20/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	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_F\Data\BF102125\
Data File : BF144017.D
Acq On : 21 Oct 2025 17:31
Operator : RC/JU
Sample : Q3375-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S05-000057-20251016

Quant Time: Oct 21 17:51:35 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	111644	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	395479	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	186629	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	279883	20.000	ng	0.00
76) Chrysene-d12	14.057	240	258346	20.000	ng	-0.01
86) Perylene-d12	15.545	264	324753	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	420283	59.780	ng	0.00
7) Phenol-d6	6.504	99	482723	57.604	ng	-0.01
23) Nitrobenzene-d5	7.440	82	263431	40.469	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	88473	47.595	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	432755	36.793	ng	-0.01
79) Terphenyl-d14	12.998	244	354121	23.427	ng	-0.01

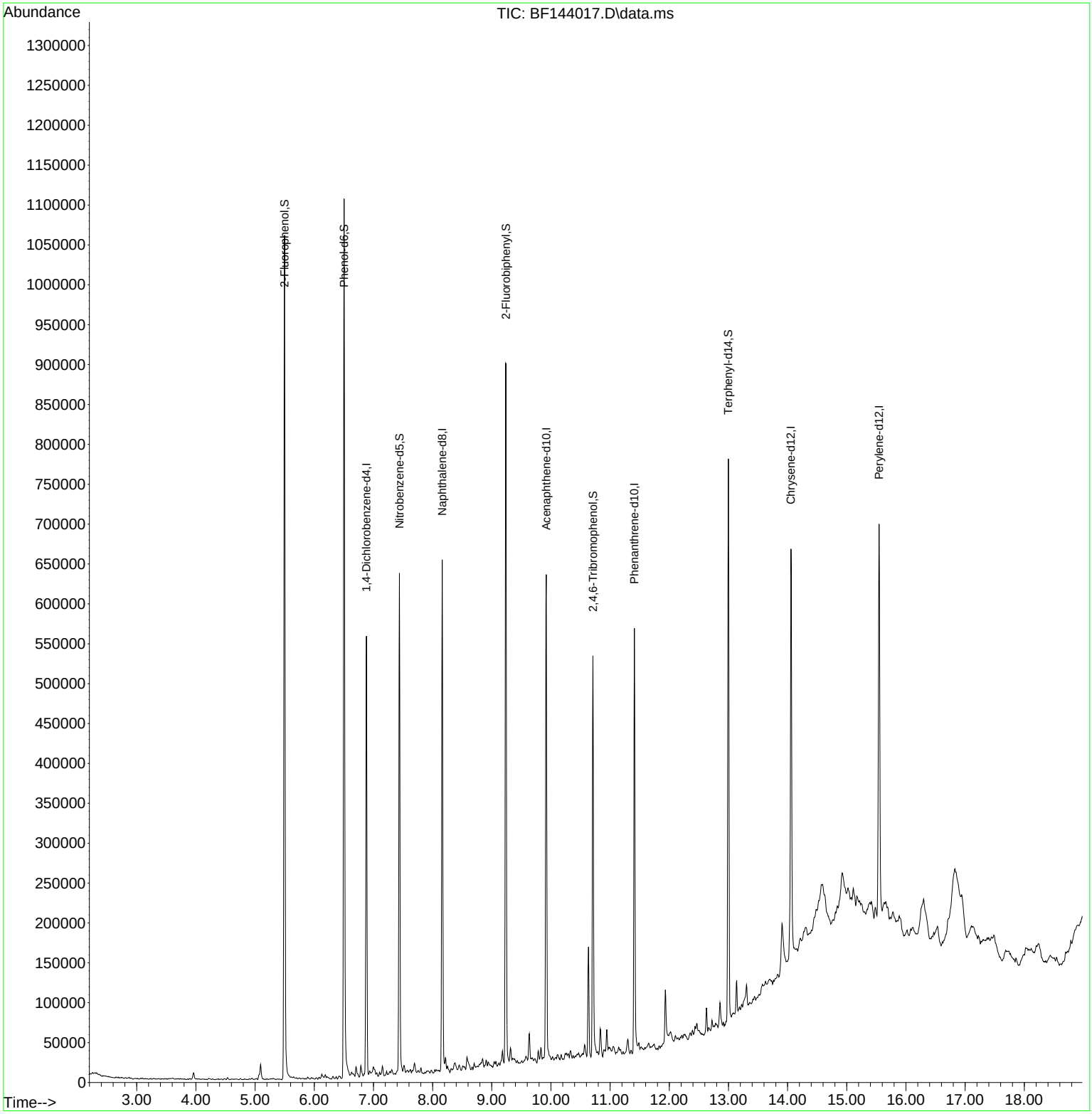
Target Compounds Qvalue

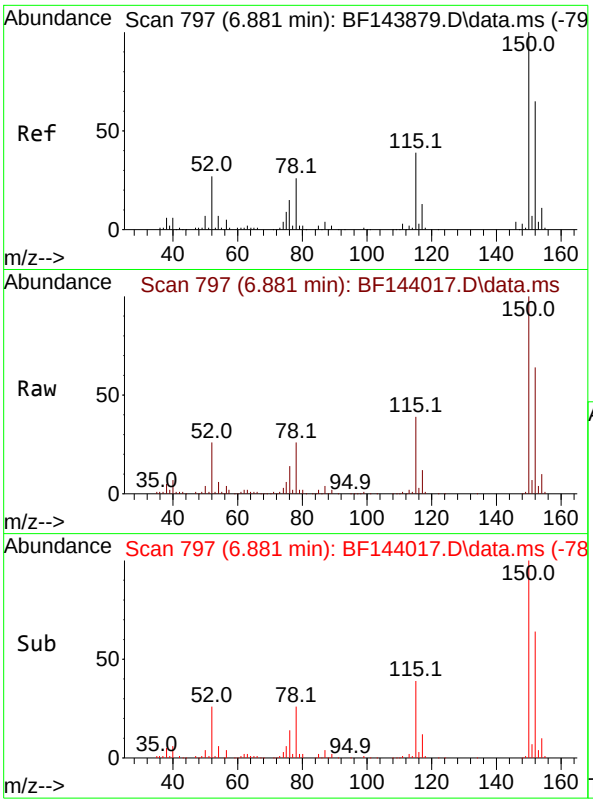
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144017.D
Acq On : 21 Oct 2025 17:31
Operator : RC/JU
Sample : Q3375-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S05-000057-20251016

Quant Time: Oct 21 17:51:35 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



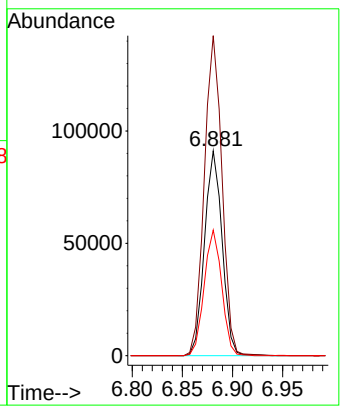


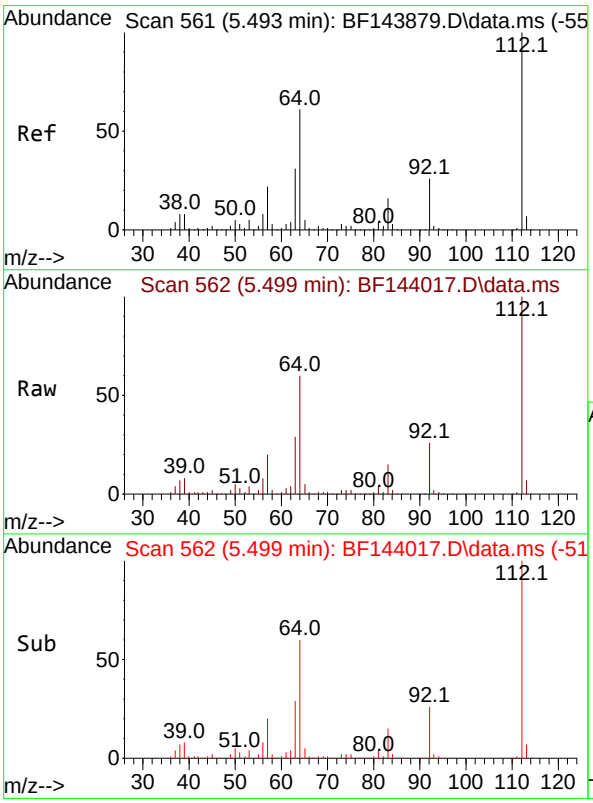
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 7
Delta R.T. -0.005 min
Lab File: BF144017.D
Acq: 21 Oct 2025 17:31

Instrument :
BNA_F
ClientSampleId :
PR132-S05-000057-20251016

Tgt Ion:152 Resp: 111644

Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.4	186.6
115	61.4	48.1	72.1

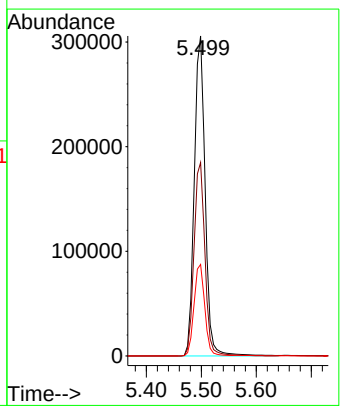


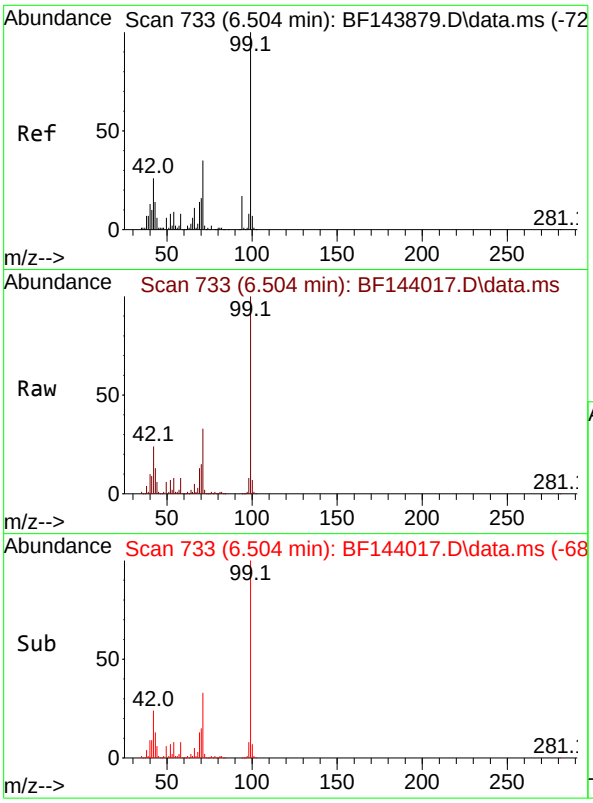


#5
2-Fluorophenol
Concen: 59.780 ng
RT: 5.499 min Scan# 562
Delta R.T. 0.000 min
Lab File: BF144017.D
Acq: 21 Oct 2025 17:31

Tgt Ion:112 Resp: 420283

Ion	Ratio	Lower	Upper
112	100		
64	60.5	49.1	73.7
63	28.6	24.5	36.7



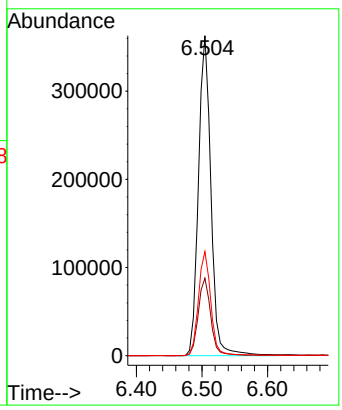


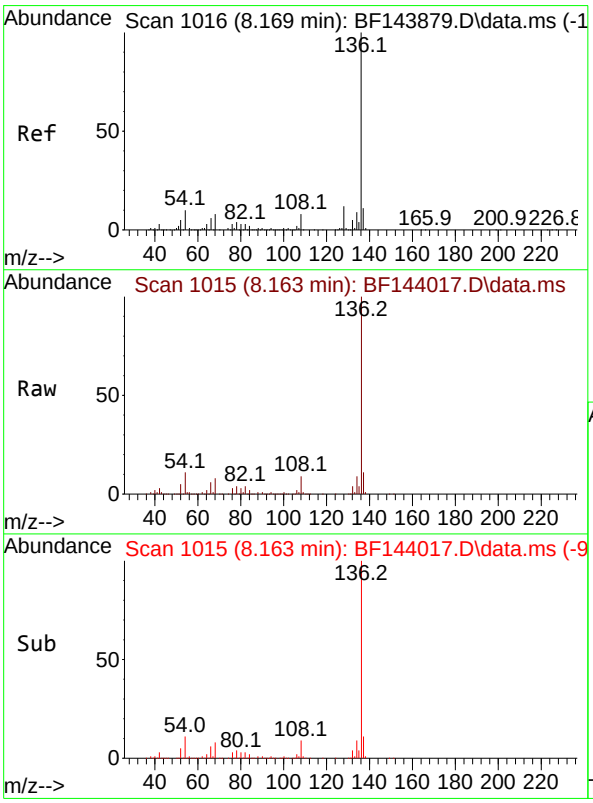
#7
Phenol-d6
Concen: 57.604 ng
RT: 6.504 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF144017.D
Acq: 21 Oct 2025 17:31

Instrument :
BNA_F
ClientSampleId :
PR132-S05-000057-20251016

Tgt Ion: 99 Resp: 482723

Ion	Ratio	Lower	Upper
99	100		
42	24.2	21.0	31.4
71	32.6	27.8	41.8

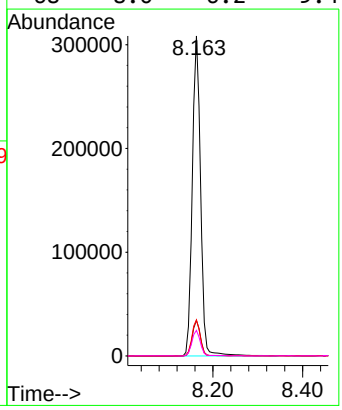


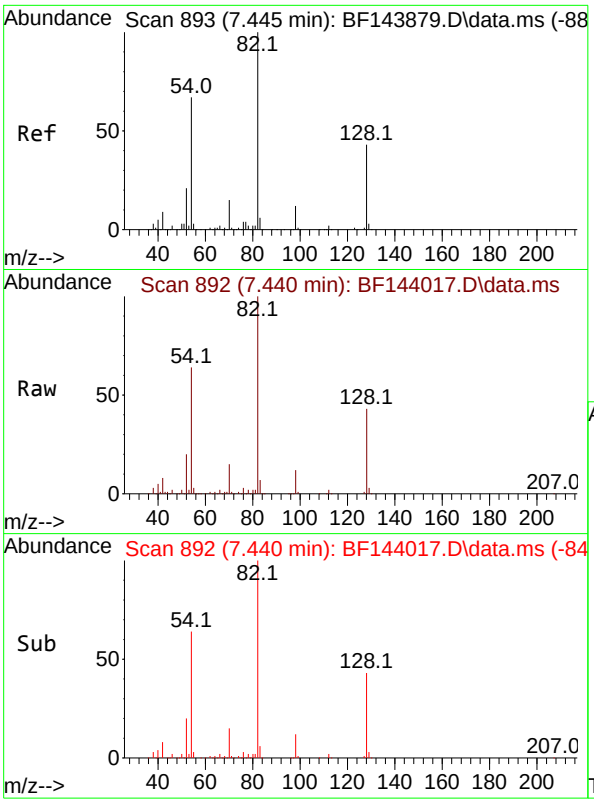


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF144017.D
Acq: 21 Oct 2025 17:31

Tgt Ion:136 Resp: 395479

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	11.3	8.2	12.4
68	8.0	6.2	9.4



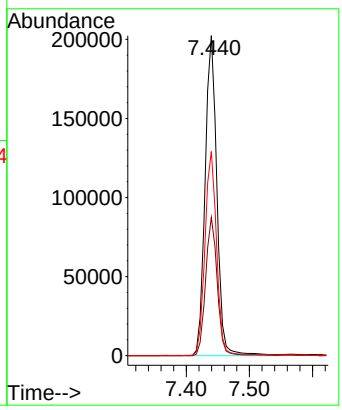


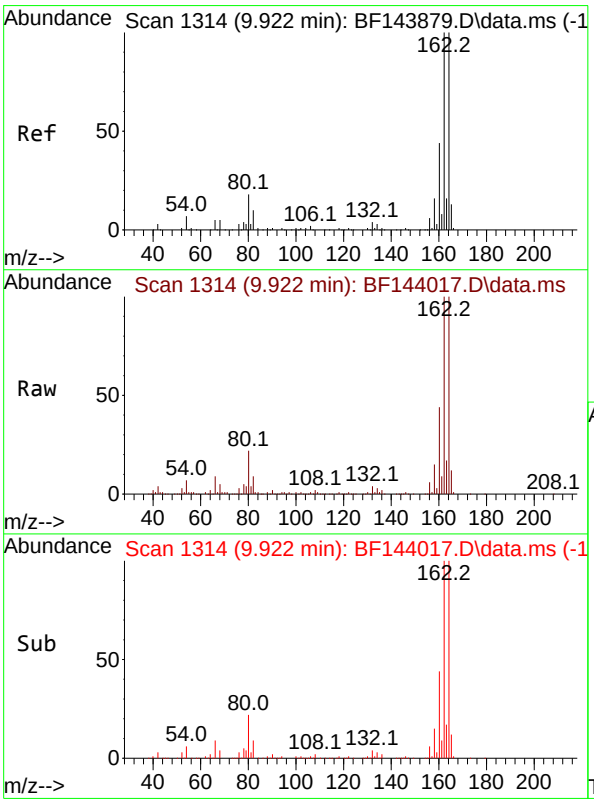
#23
Nitrobenzene-d5
Concen: 40.469 ng
RT: 7.440 min Scan# 8
Delta R.T. -0.017 min
Lab File: BF144017.D
Acq: 21 Oct 2025 17:31

Instrument :
BNA_F
ClientSampleId :
PR132-S05-000057-20251016

Tgt Ion: 82 Resp: 263431

Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.0	51.0
54	63.8	53.2	79.8

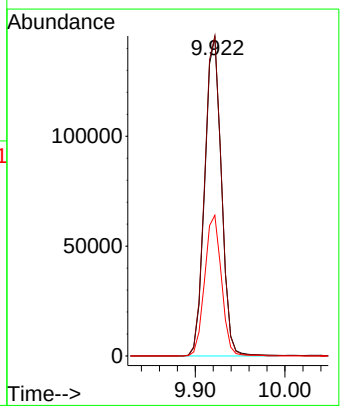


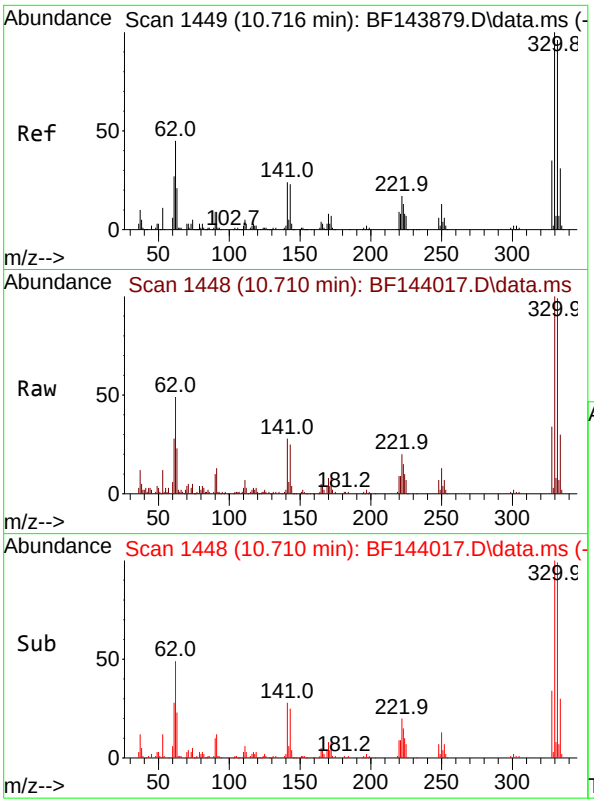


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BF144017.D
Acq: 21 Oct 2025 17:31

Tgt Ion:164 Resp: 186629

Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.2	120.2
160	44.1	35.4	53.0



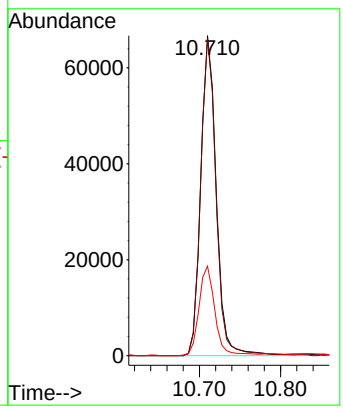


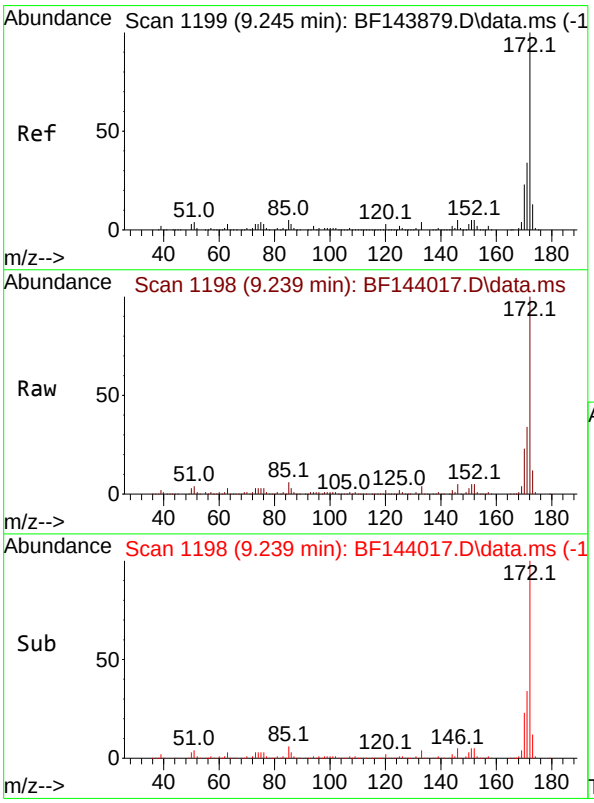
#42
2,4,6-Tribromophenol
Concen: 47.595 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF144017.D
Acq: 21 Oct 2025 17:31

Instrument :
BNA_F
ClientSampleId :
PR132-S05-000057-20251016

Tgt Ion:330 Resp: 88473

Ion	Ratio	Lower	Upper
330	100		
332	98.4	76.9	115.3
141	28.9	20.2	30.4

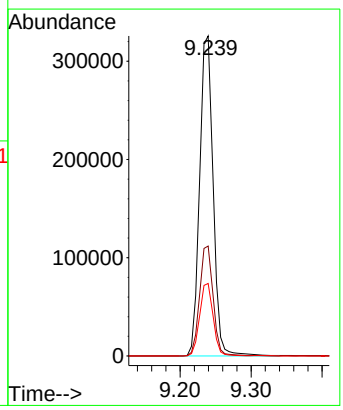


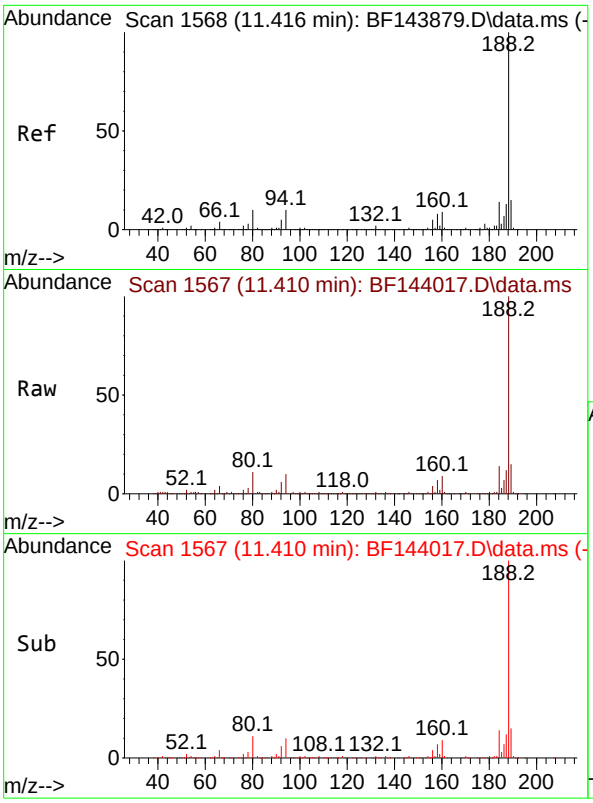


#45
2-Fluorobiphenyl
Concen: 36.793 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.011 min
Lab File: BF144017.D
Acq: 21 Oct 2025 17:31

Tgt Ion:172 Resp: 432755

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.4	41.0
170	22.7	18.6	28.0



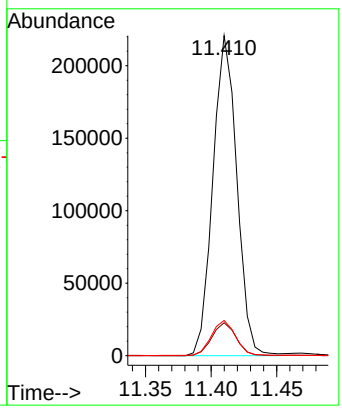


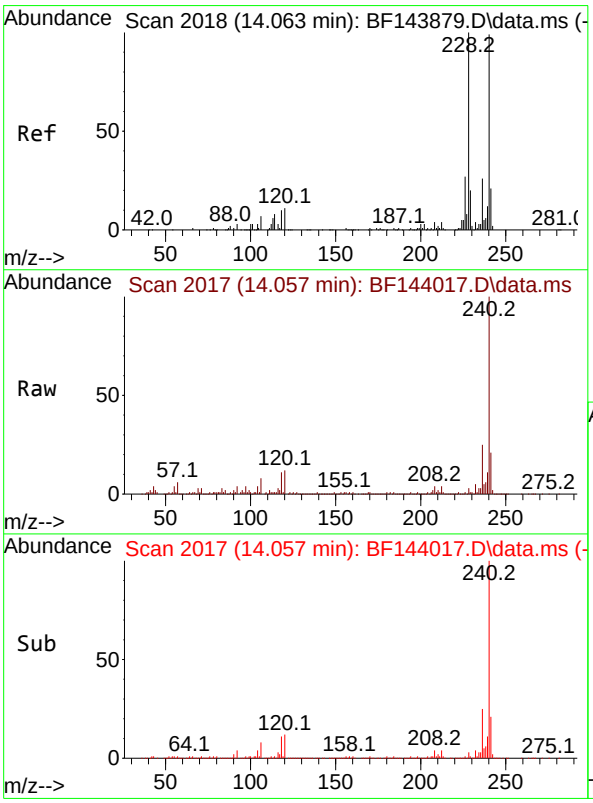
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144017.D
Acq: 21 Oct 2025 17:31

Instrument :
BNA_F
ClientSampleId :
PR132-S05-000057-20251016

Tgt Ion:188 Resp: 279883

Ion	Ratio	Lower	Upper
188	100		
94	10.3	7.8	11.6
80	11.0	7.9	11.9

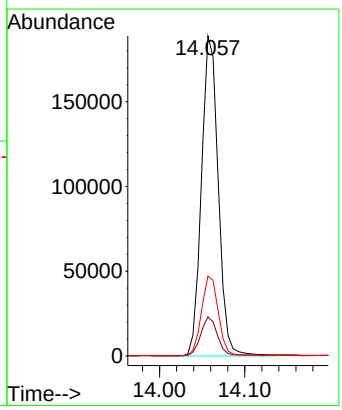


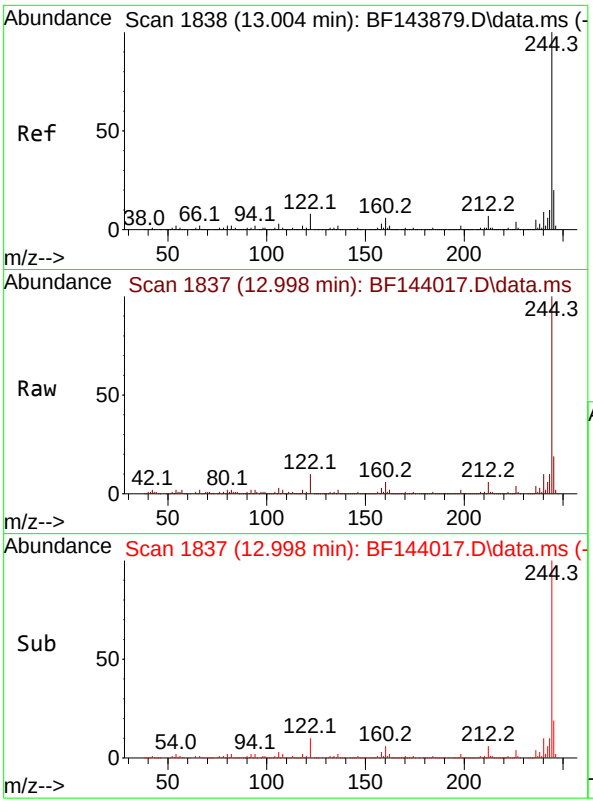


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.011 min
Lab File: BF144017.D
Acq: 21 Oct 2025 17:31

Tgt Ion:240 Resp: 258346

Ion	Ratio	Lower	Upper
240	100		
120	12.2	8.6	13.0
236	25.0	21.1	31.7



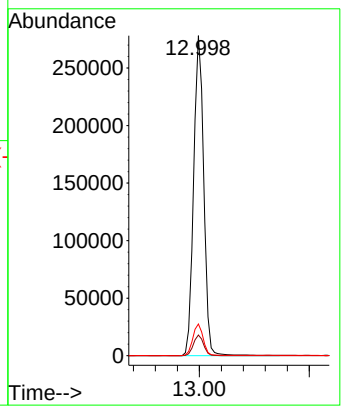


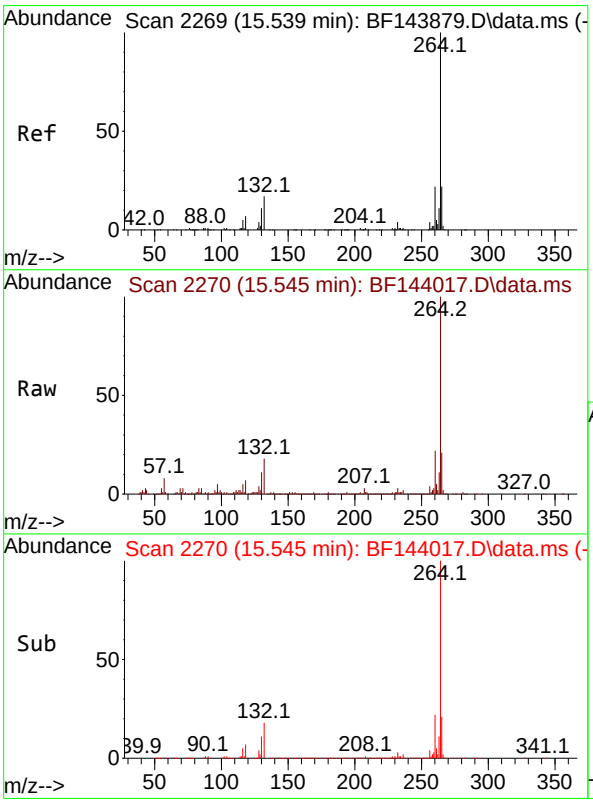
#79
Terphenyl-d14
Concen: 23.427 ng
RT: 12.998 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144017.D
Acq: 21 Oct 2025 17:31

Instrument :
BNA_F
ClientSampleId :
PR132-S05-000057-20251016

Tgt Ion:244 Resp: 354121

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	9.9	6.4	9.6#

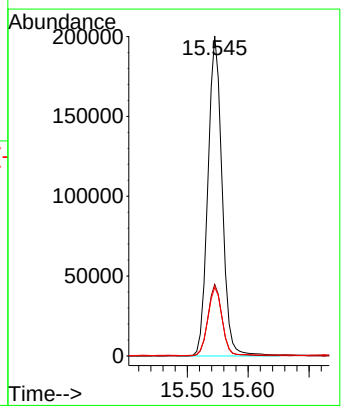




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF144017.D
Acq: 21 Oct 2025 17:31

Tgt Ion:264 Resp: 324753

Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.8	26.8
265	21.4	17.5	26.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144017.D
Acq On : 21 Oct 2025 17:31
Operator : RC/JU
Sample : Q3375-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S05-000057-20251016

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_F\Methods\8270-BF100625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144017.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.093	489	493	499	rVB	18228	27997	1.88%	0.234%
2	5.499	556	562	579	rBV	1057198	1453570	97.48%	12.130%
3	6.504	727	733	749	rBV	1102218	1491119	100.00%	12.444%
4	6.704	764	767	772	rBV	11973	18466	1.24%	0.154%
5	6.787	776	781	788	rBV2	14465	25331	1.70%	0.211%
6	6.881	792	797	803	rVB	549609	674872	45.26%	5.632%
7	6.998	814	817	824	rVB	9293	19911	1.34%	0.166%
8	7.151	839	843	848	rVB2	12264	17376	1.17%	0.145%
9	7.440	887	892	901	rVV	624389	800396	53.68%	6.679%
10	7.693	931	935	941	rVB4	11606	19743	1.32%	0.165%
11	8.163	1009	1015	1021	rBV	641114	815223	54.67%	6.803%
12	8.216	1022	1024	1028	rVV	17900	23791	1.60%	0.199%
13	8.381	1046	1052	1059	rVV9	8706	20125	1.35%	0.168%
14	8.581	1082	1086	1098	rVB2	16041	37509	2.52%	0.313%
15	9.181	1181	1188	1192	rBV	17433	30382	2.04%	0.254%
16	9.234	1192	1197	1207	rVV	877767	1172139	78.61%	9.782%
17	9.316	1207	1211	1215	rBV2	16950	23090	1.55%	0.193%
18	9.634	1260	1265	1269	rBV2	33049	50028	3.36%	0.417%
19	9.787	1287	1291	1294	rBV4	15224	22358	1.50%	0.187%
20	9.828	1295	1298	1302	rVV4	14931	20381	1.37%	0.170%
21	9.922	1308	1314	1319	rBV	604873	789040	52.92%	6.585%
22	10.569	1421	1424	1430	rVB4	14664	24582	1.65%	0.205%
23	10.634	1430	1435	1442	rVB	138254	175252	11.75%	1.462%
24	10.710	1443	1448	1459	rBV	501980	681951	45.73%	5.691%
25	10.834	1465	1469	1476	rVB2	34979	57088	3.83%	0.476%
26	10.945	1484	1488	1491	rBV	27047	32961	2.21%	0.275%
27	11.410	1562	1567	1576	rBV	533118	715598	47.99%	5.972%
28	11.933	1652	1656	1664	rBV	65798	112869	7.57%	0.942%
29	12.628	1771	1774	1778	rBV	29571	35609	2.39%	0.297%
30	12.998	1832	1837	1846	rBV	704636	913542	61.27%	7.624%
31	13.139	1857	1861	1865	rBV	39858	50409	3.38%	0.421%
32	13.904	1988	1991	2003	rVB3	47589	108894	7.30%	0.909%
33	14.057	2011	2017	2025	rBV	504684	748915	50.23%	6.250%
34	15.545	2265	2270	2279	rBV	485365	772542	51.81%	6.447%

Sum of corrected areas: 11983059

Instrument :
BNA_F
ClientSampleId :
PR132-S05-000057-20251016

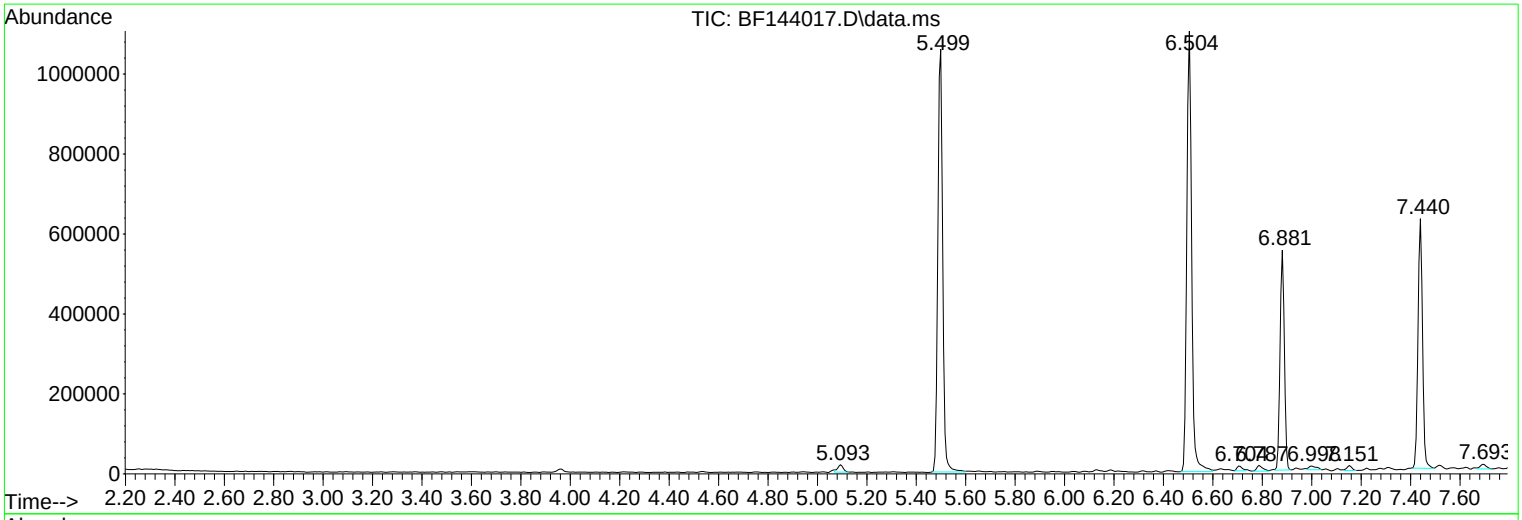
Sample Results: **BF144017.D**

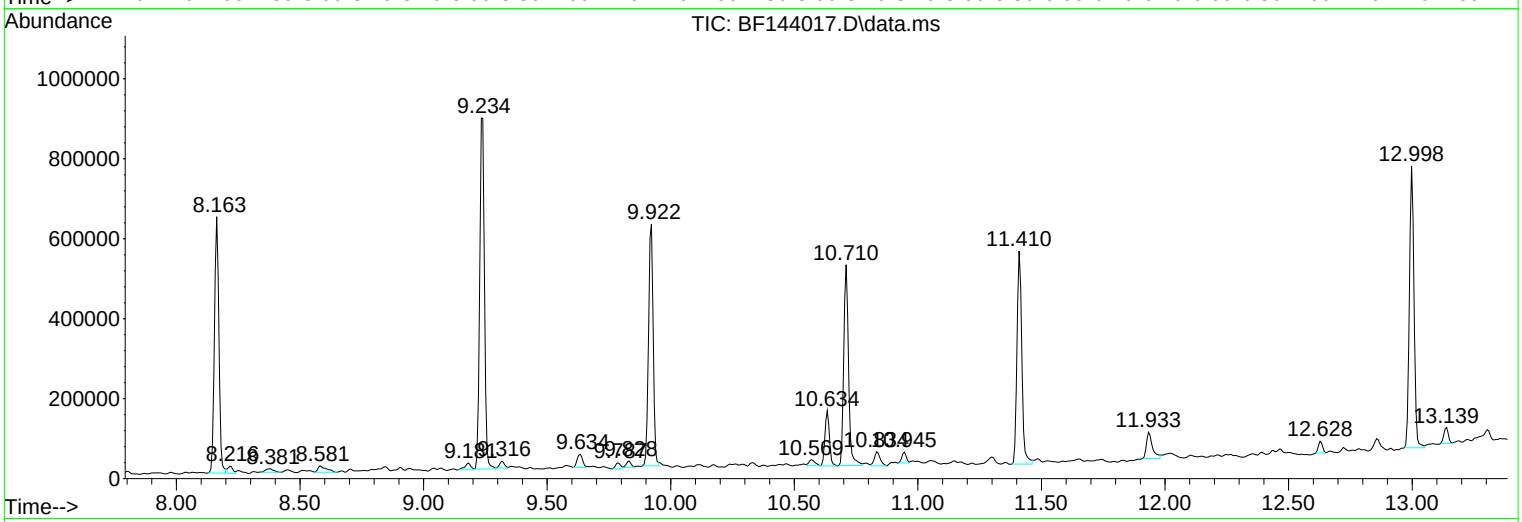
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144017.D
Acq On : 21 Oct 2025 17:31
Operator : RC/JU
Sample : Q3375-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

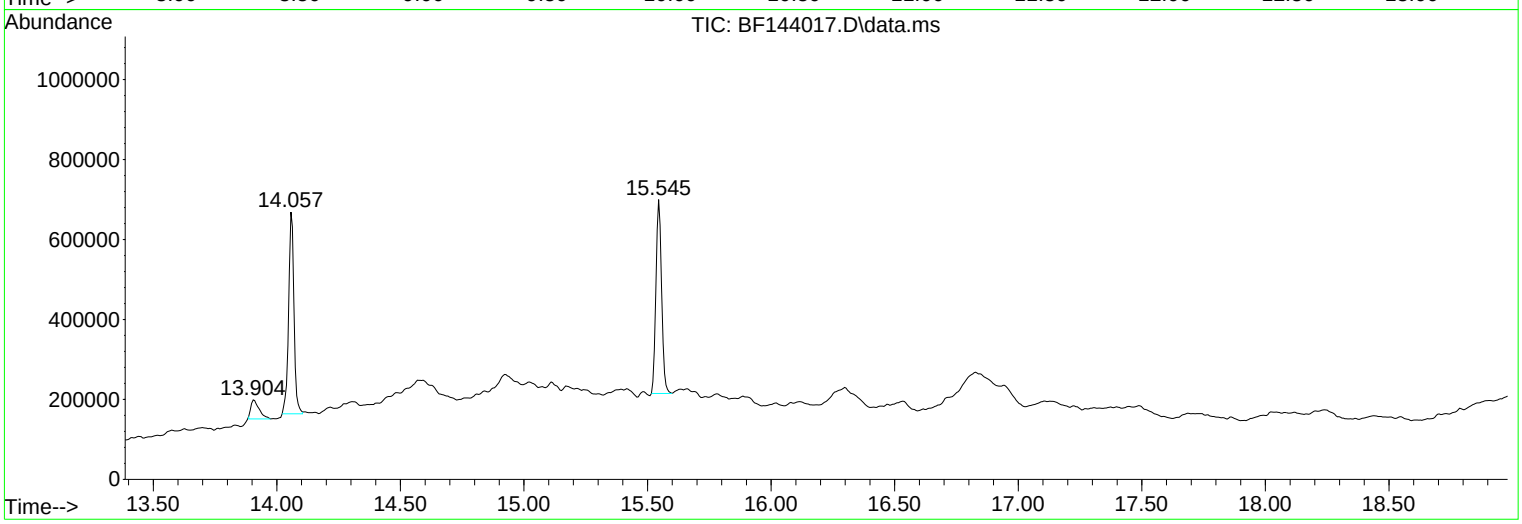
Instrument :
BNA_F
ClientSampleId :
PR132-S05-000057-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.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_F\Data\BF102125\
Data File : BF144017.D
Acq On : 21 Oct 2025 17:31
Operator : RC/JU
Sample : Q3375-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S05-000057-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

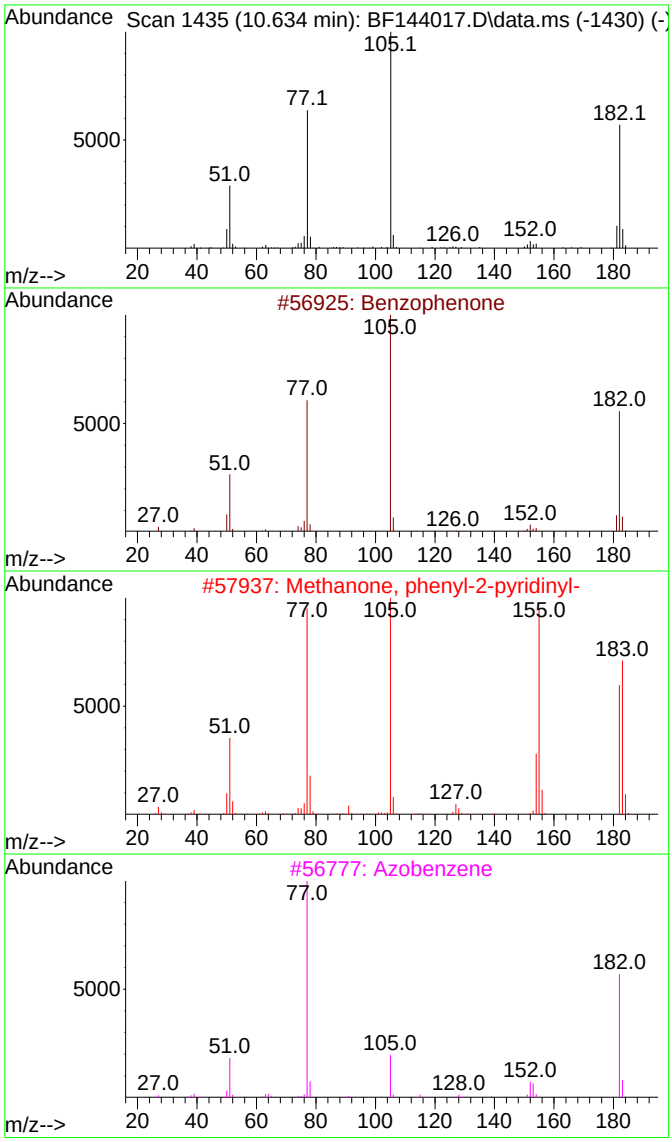
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

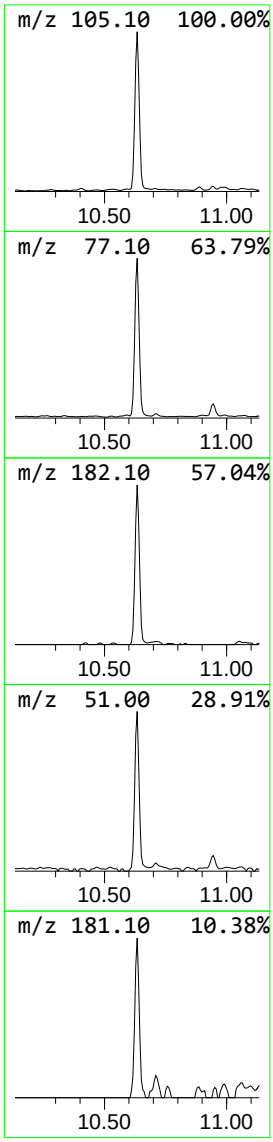
****

Peak Number 1 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.634	4.44 ng	175252	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	72
3	Azobenzene	182	C12H10N2	000103-33-3	58
4	5-Oxo-5-phenylpentanenitrile	173	C11H11NO	1000486-83-7	47
5	Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144017.D
Acq On : 21 Oct 2025 17:31
Operator : RC/JU
Sample : Q3375-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S05-000057-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.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	10.634	4.4	ng	175252	3	9.922	789040	20.0

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

Report of Analysis

Client:	AECOM	Date Collected:	10/16/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/16/25
Client Sample ID:	PR132-S02-010074-20251016	SDG No.:	Q3375
Lab Sample ID:	Q3375-04	Matrix:	SOIL
Analytical Method:	8270E Level : LOW	% Solid:	55.3
Sample Wt/Vol:	30.01 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/20/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	600	U	1	280	600	ug/Kg	10/21/25 18:01	PB170165
108-95-2	Phenol	310	U	1	40.0	310	ug/Kg	10/21/25 18:01	PB170165
111-44-4	bis(2-Chloroethyl)ether	310	U	1	43.9	310	ug/Kg	10/21/25 18:01	PB170165
95-57-8	2-Chlorophenol	310	U	1	44.1	310	ug/Kg	10/21/25 18:01	PB170165
95-48-7	2-Methylphenol	310	U	1	54.1	310	ug/Kg	10/21/25 18:01	PB170165
108-60-1	2,2-oxybis(1-Chloropropane)	310	U	1	67.8	310	ug/Kg	10/21/25 18:01	PB170165
98-86-2	Acetophenone	310	U	1	53.3	310	ug/Kg	10/21/25 18:01	PB170165
65794-96-9	3+4-Methylphenols	600	U	1	74.3	600	ug/Kg	10/21/25 18:01	PB170165
621-64-7	n-Nitroso-di-n-propylamine	140	U	1	85.7	140	ug/Kg	10/21/25 18:01	PB170165
67-72-1	Hexachloroethane	310	U	1	31.8	310	ug/Kg	10/21/25 18:01	PB170165
98-95-3	Nitrobenzene	310	U	1	33.1	310	ug/Kg	10/21/25 18:01	PB170165
78-59-1	Isophorone	310	U	1	59.3	310	ug/Kg	10/21/25 18:01	PB170165
88-75-5	2-Nitrophenol	310	U	1	110	310	ug/Kg	10/21/25 18:01	PB170165
105-67-9	2,4-Dimethylphenol	310	U	1	120	310	ug/Kg	10/21/25 18:01	PB170165
111-91-1	bis(2-Chloroethoxy)methane	310	U	1	55.7	310	ug/Kg	10/21/25 18:01	PB170165
120-83-2	2,4-Dichlorophenol	310	U	1	51.2	310	ug/Kg	10/21/25 18:01	PB170165
91-20-3	Naphthalene	310	U	1	41.0	310	ug/Kg	10/21/25 18:01	PB170165
106-47-8	4-Chloroaniline	310	U	1	64.0	310	ug/Kg	10/21/25 18:01	PB170165
87-68-3	Hexachlorobutadiene	310	U	1	45.7	310	ug/Kg	10/21/25 18:01	PB170165
105-60-2	Caprolactam	600	U	1	94.2	600	ug/Kg	10/21/25 18:01	PB170165
59-50-7	4-Chloro-3-methylphenol	310	U	1	51.9	310	ug/Kg	10/21/25 18:01	PB170165
91-57-6	2-Methylnaphthalene	310	U	1	46.3	310	ug/Kg	10/21/25 18:01	PB170165
77-47-4	Hexachlorocyclopentadiene	600	U	1	210	600	ug/Kg	10/21/25 18:01	PB170165
88-06-2	2,4,6-Trichlorophenol	310	U	1	35.8	310	ug/Kg	10/21/25 18:01	PB170165
95-95-4	2,4,5-Trichlorophenol	310	U	1	52.6	310	ug/Kg	10/21/25 18:01	PB170165
92-52-4	1,1-Biphenyl	310	U	1	39.4	310	ug/Kg	10/21/25 18:01	PB170165
91-58-7	2-Chloronaphthalene	310	U	1	40.7	310	ug/Kg	10/21/25 18:01	PB170165
88-74-4	2-Nitroaniline	310	U	1	87.0	310	ug/Kg	10/21/25 18:01	PB170165
131-11-3	Dimethylphthalate	310	U	1	49.0	310	ug/Kg	10/21/25 18:01	PB170165
208-96-8	Acenaphthylene	310	U	1	52.2	310	ug/Kg	10/21/25 18:01	PB170165
606-20-2	2,6-Dinitrotoluene	310	U	1	60.7	310	ug/Kg	10/21/25 18:01	PB170165
99-09-2	3-Nitroaniline	310	U	1	83.2	310	ug/Kg	10/21/25 18:01	PB170165
83-32-9	Acenaphthene	310	U	1	38.5	310	ug/Kg	10/21/25 18:01	PB170165
51-28-5	2,4-Dinitrophenol	600	U	1	410	600	ug/Kg	10/21/25 18:01	PB170165
100-02-7	4-Nitrophenol	600	U	1	190	600	ug/Kg	10/21/25 18:01	PB170165
132-64-9	Dibenzofuran	310	U	1	41.0	310	ug/Kg	10/21/25 18:01	PB170165
121-14-2	2,4-Dinitrotoluene	310	U	1	90.6	310	ug/Kg	10/21/25 18:01	PB170165
84-66-2	Diethylphthalate	310	U	1	51.2	310	ug/Kg	10/21/25 18:01	PB170165
7005-72-3	4-Chlorophenyl-phenylether	310	U	1	48.3	310	ug/Kg	10/21/25 18:01	PB170165
86-73-7	Fluorene	310	U	1	45.7	310	ug/Kg	10/21/25 18:01	PB170165
100-01-6	4-Nitroaniline	310	U	1	120	310	ug/Kg	10/21/25 18:01	PB170165
534-52-1	4,6-Dinitro-2-methylphenol	600	U	1	190	600	ug/Kg	10/21/25 18:01	PB170165

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Fax : 908 789 8922

Report of Analysis

Client:	AECOM	Date Collected:	10/16/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/16/25
Client Sample ID:	PR132-S02-010074-20251016	SDG No.:	Q3375
Lab Sample ID:	Q3375-04	Matrix:	SOIL
Analytical Method:	8270E Level : LOW	% Solid:	55.3
Sample Wt/Vol:	30.01 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/20/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	310	U	1	59.5	310	ug/Kg	10/21/25 18:01	PB170165
101-55-3	4-Bromophenyl-phenylether	310	U	1	50.3	310	ug/Kg	10/21/25 18:01	PB170165
118-74-1	Hexachlorobenzene	310	U	1	45.7	310	ug/Kg	10/21/25 18:01	PB170165
1912-24-9	Atrazine	310	U	1	61.5	310	ug/Kg	10/21/25 18:01	PB170165
87-86-5	Pentachlorophenol	600	U	1	92.7	600	ug/Kg	10/21/25 18:01	PB170165
85-01-8	Phenanthrene	310	U	1	37.8	310	ug/Kg	10/21/25 18:01	PB170165
120-12-7	Anthracene	310	U	1	60.2	310	ug/Kg	10/21/25 18:01	PB170165
86-74-8	Carbazole	310	U	1	56.4	310	ug/Kg	10/21/25 18:01	PB170165
84-74-2	Di-n-butylphthalate	310	U	1	86.6	310	ug/Kg	10/21/25 18:01	PB170165
206-44-0	Fluoranthene	310	U	1	54.2	310	ug/Kg	10/21/25 18:01	PB170165
129-00-0	Pyrene	310	U	1	65.1	310	ug/Kg	10/21/25 18:01	PB170165
85-68-7	Butylbenzylphthalate	310	U	1	130	310	ug/Kg	10/21/25 18:01	PB170165
91-94-1	3,3-Dichlorobenzidine	600	U	1	66.3	600	ug/Kg	10/21/25 18:01	PB170165
56-55-3	Benzo(a)anthracene	310	U	1	41.6	310	ug/Kg	10/21/25 18:01	PB170165
218-01-9	Chrysene	310	U	1	36.0	310	ug/Kg	10/21/25 18:01	PB170165
117-81-7	Bis(2-ethylhexyl)phthalate	310	U	1	110	310	ug/Kg	10/21/25 18:01	PB170165
117-84-0	Di-n-octyl phthalate	600	U	1	160	600	ug/Kg	10/21/25 18:01	PB170165
205-99-2	Benzo(b)fluoranthene	310	U	1	34.3	310	ug/Kg	10/21/25 18:01	PB170165
207-08-9	Benzo(k)fluoranthene	310	U	1	40.5	310	ug/Kg	10/21/25 18:01	PB170165
50-32-8	Benzo(a)pyrene	130	J	1	53.3	310	ug/Kg	10/21/25 18:01	PB170165
193-39-5	Indeno(1,2,3-cd)pyrene	310	U	1	52.6	310	ug/Kg	10/21/25 18:01	PB170165
53-70-3	Dibenzo(a,h)anthracene	310	U	1	49.5	310	ug/Kg	10/21/25 18:01	PB170165
191-24-2	Benzo(g,h,i)perylene	310	U	1	46.5	310	ug/Kg	10/21/25 18:01	PB170165
95-94-3	1,2,4,5-Tetrachlorobenzene	310	U	1	46.3	310	ug/Kg	10/21/25 18:01	PB170165
123-91-1	1,4-Dioxane	310	U	1	81.7	310	ug/Kg	10/21/25 18:01	PB170165
58-90-2	2,3,4,6-Tetrachlorophenol	310	U	1	49.5	310	ug/Kg	10/21/25 18:01	PB170165
SURROGATES									
367-12-4	2-Fluorophenol	84.6			18 - 112	56%	SPK: 150		
13127-88-3	Phenol-d6	82.3			15 - 107	55%	SPK: 150		
4165-60-0	Nitrobenzene-d5	57.6			18 - 107	58%	SPK: 100		
321-60-8	2-Fluorobiphenyl	50.7			20 - 109	51%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	72.6			10 - 116	48%	SPK: 150		
1718-51-0	Terphenyl-d14	35.4			10 - 105	35%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	115000							
1146-65-2	Naphthalene-d8	413000							
15067-26-2	Acenaphthene-d10	191000							
1517-22-2	Phenanthrene-d10	290000							
1719-03-5	Chrysene-d12	267000							
1520-96-3	Perylene-d12	332000							
TENTATIVE IDENTIFIED COMPOUNDS									
017301-23-4	Undecane, 2,6-dimethyl-	140	J			8.22	ug/Kg		
074645-98-0	Dodecane, 2,7,10-trimethyl-	170	J			9.18	ug/Kg		

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Report of Analysis

Client:	AECOM	Date Collected:	10/16/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/16/25
Client Sample ID:	PR132-S02-010074-20251016	SDG No.:	Q3375
Lab Sample ID:	Q3375-04	Matrix:	SOIL
Analytical Method:	8270E Level : LOW	% Solid:	55.3
Sample Wt/Vol:	30.01 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/20/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
000119-61-9	Benzophenone	460	J			10.6	ug/Kg		
000629-50-5	Tridecane	180	J			11.3	ug/Kg		
000638-53-9	Tridecanoic acid	330	J			11.9	ug/Kg		
015594-90-8	1-Heneicosanol	270	J			13.9	ug/Kg		

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_F\Data\BF102125\
Data File : BF144018.D
Acq On : 21 Oct 2025 18:01
Operator : RC/JU
Sample : Q3375-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S02-010074-20251016

Quant Time: Oct 21 18:24:22 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

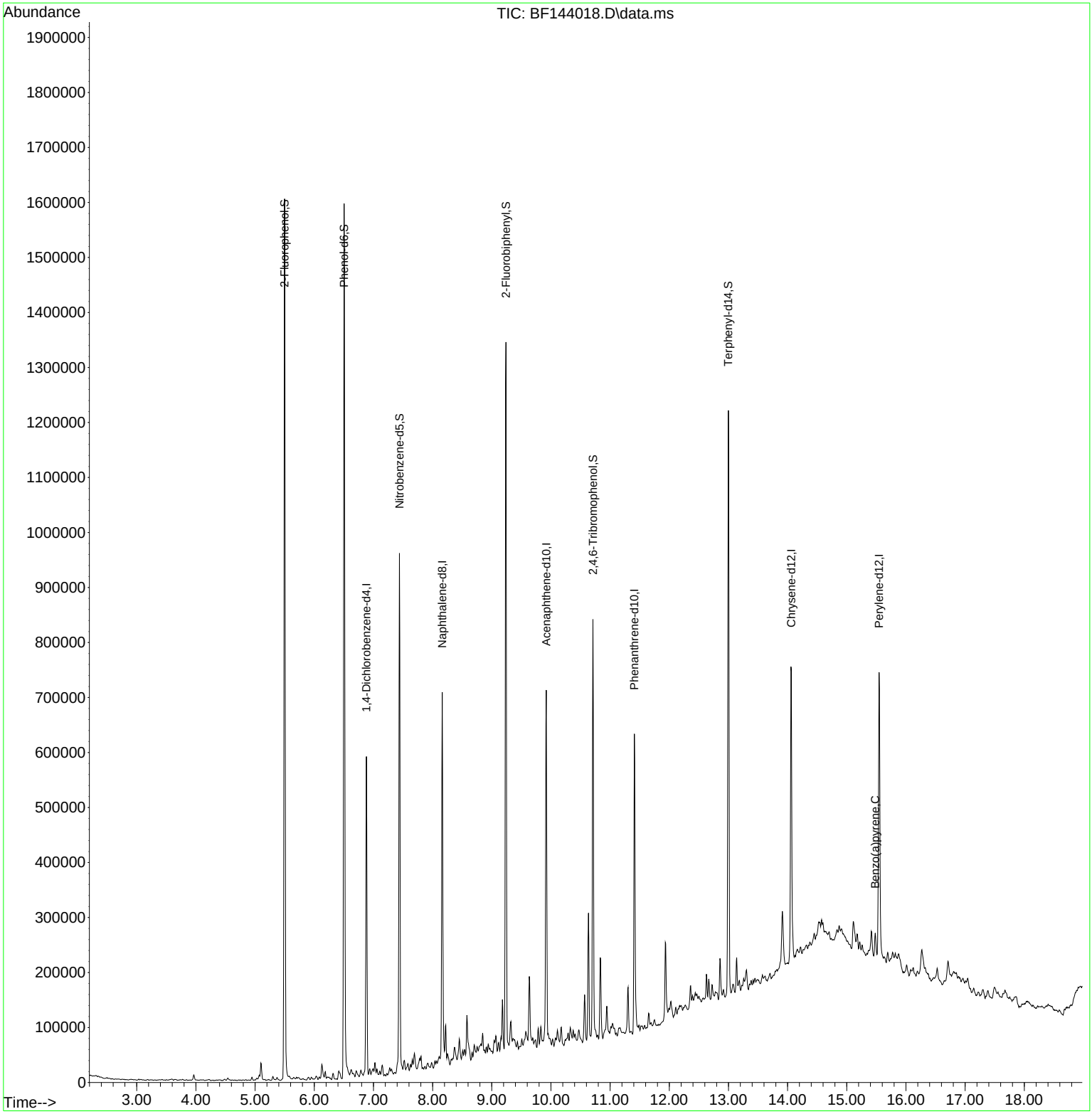
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	114769	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	412633	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	190672	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	289518	20.000	ng	0.00
76) Chrysene-d12	14.063	240	267469	20.000	ng	0.00
86) Perylene-d12	15.545	264	332355	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	611499	84.609	ng	0.00
7) Phenol-d6	6.504	99	708851	82.284	ng	-0.01
23) Nitrobenzene-d5	7.440	82	390907	57.556	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	137810	72.565	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	609475	50.719	ng	-0.01
79) Terphenyl-d14	12.998	244	553454	35.365	ng	-0.01
Target Compounds						Qvalue
90) Benzo(a)pyrene	15.480	252	34714	2.097	ng	# 85

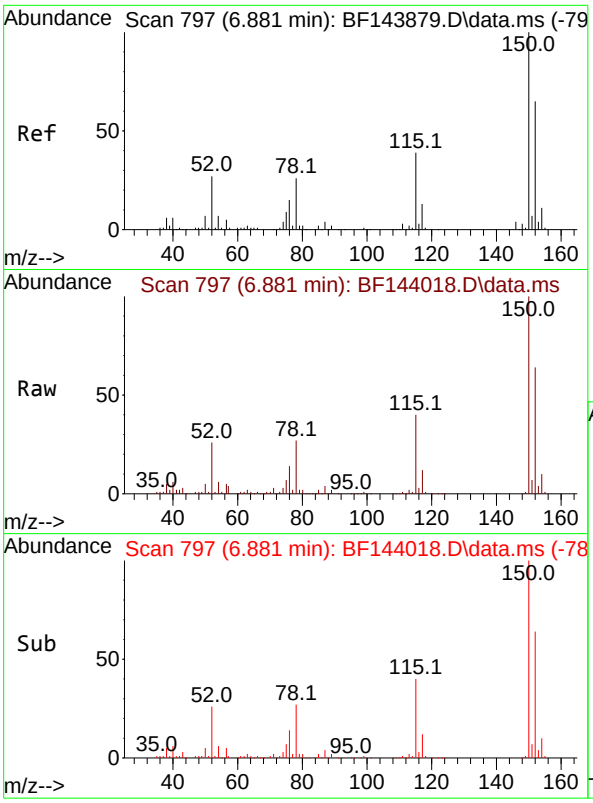
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144018.D
Acq On : 21 Oct 2025 18:01
Operator : RC/JU
Sample : Q3375-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S02-010074-20251016

Quant Time: Oct 21 18:24:22 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



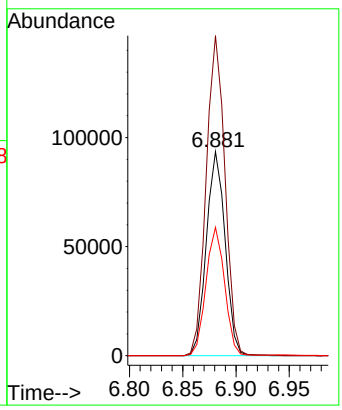


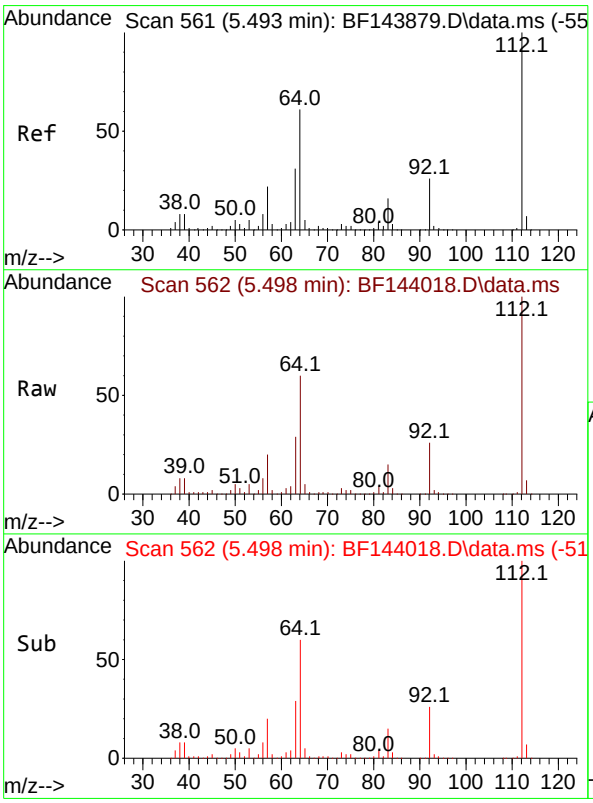
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 7
Delta R.T. -0.005 min
Lab File: BF144018.D
Acq: 21 Oct 2025 18:01

Instrument :
BNA_F
ClientSampleId :
PR132-S02-010074-20251016

Tgt Ion:152 Resp: 114769

Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.4	186.6
115	62.9	48.1	72.1

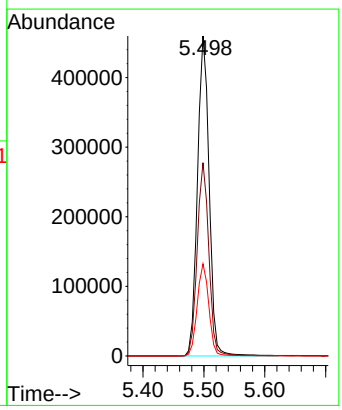


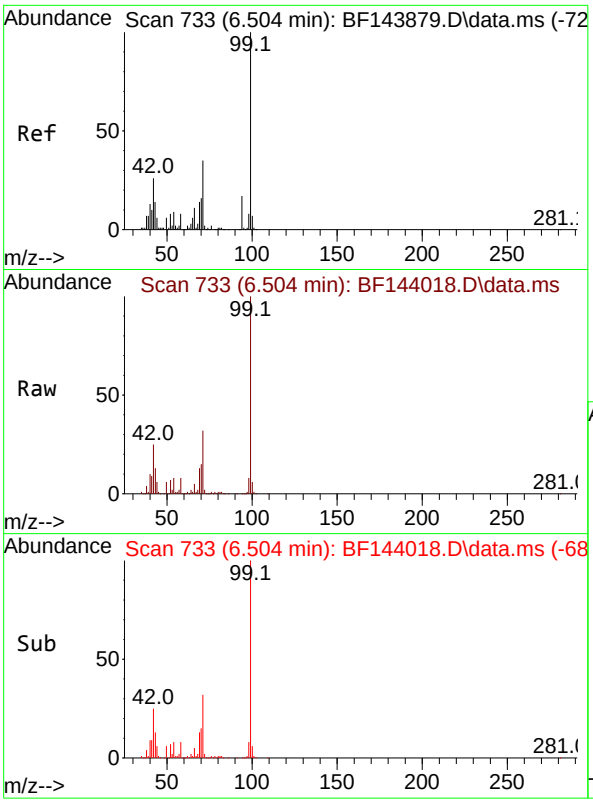


#5
2-Fluorophenol
Concen: 84.609 ng
RT: 5.498 min Scan# 562
Delta R.T. 0.000 min
Lab File: BF144018.D
Acq: 21 Oct 2025 18:01

Tgt Ion:112 Resp: 611499

Ion	Ratio	Lower	Upper
112	100		
64	60.4	49.1	73.7
63	28.8	24.5	36.7



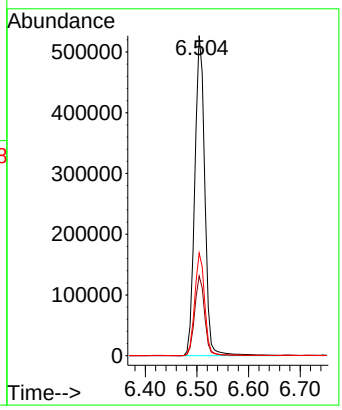


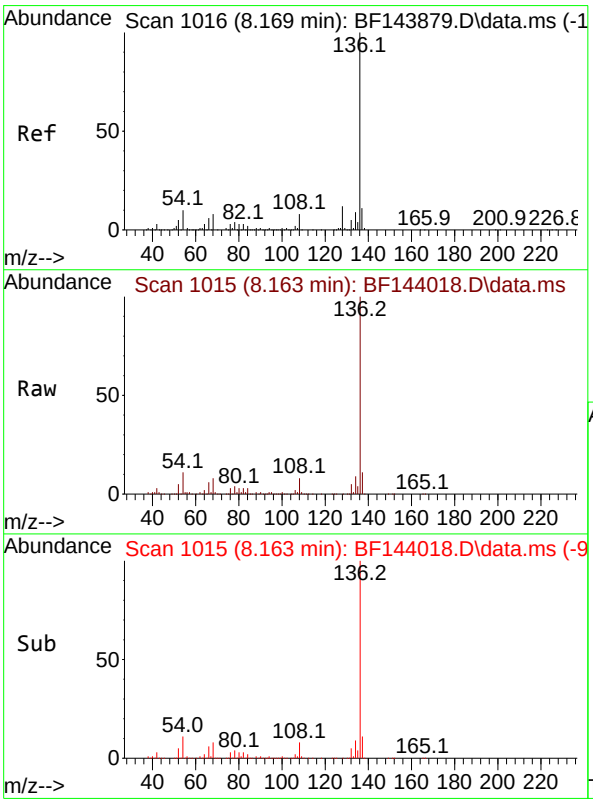
#7
Phenol-d6
Concen: 82.284 ng
RT: 6.504 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF144018.D
Acq: 21 Oct 2025 18:01

Instrument :
BNA_F
ClientSampleId :
PR132-S02-010074-20251016

Tgt Ion: 99 Resp: 708851

Ion	Ratio	Lower	Upper
99	100		
42	24.9	21.0	31.4
71	32.1	27.8	41.8

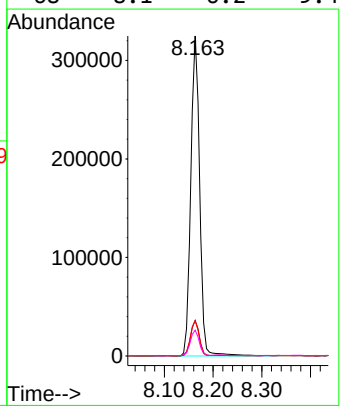


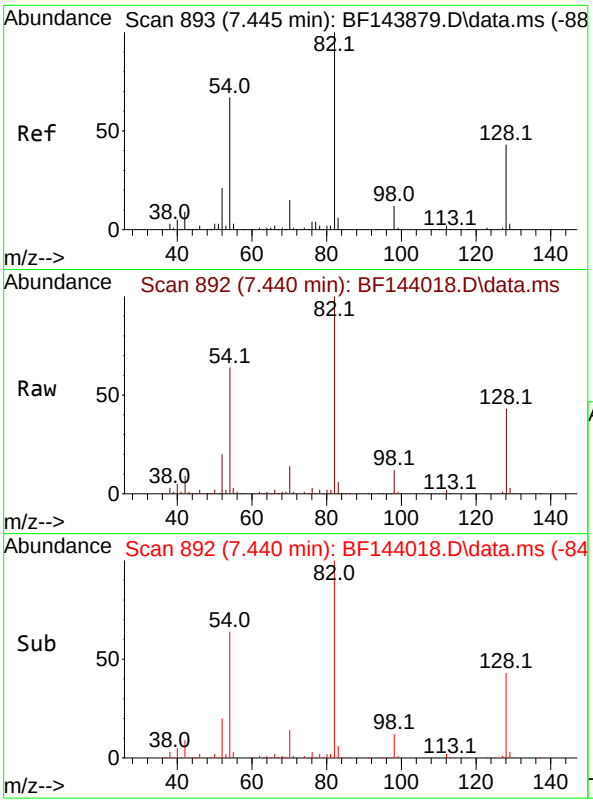


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF144018.D
Acq: 21 Oct 2025 18:01

Tgt Ion:136 Resp: 412633

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	11.0	8.2	12.4
68	8.1	6.2	9.4



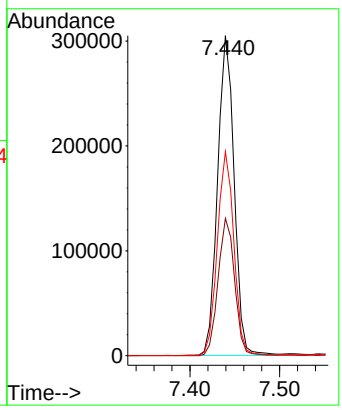


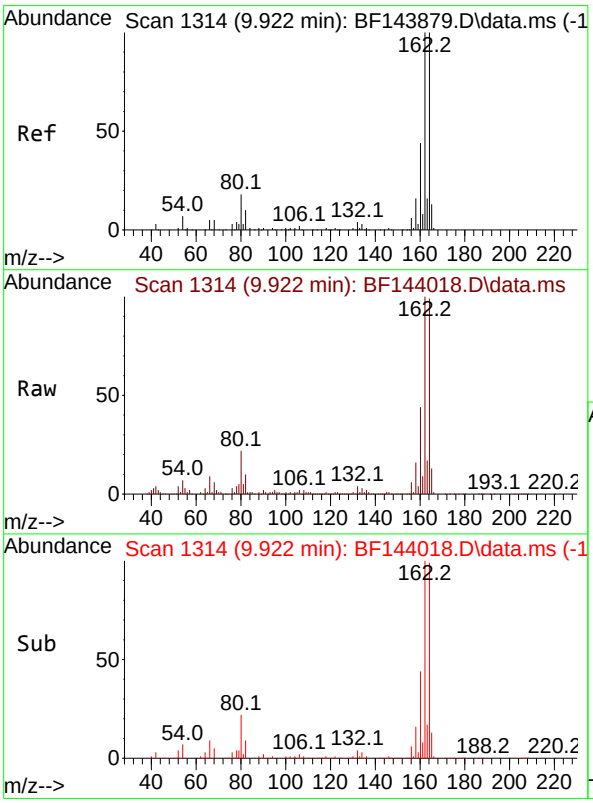
#23
Nitrobenzene-d5
Concen: 57.556 ng
RT: 7.440 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF144018.D
Acq: 21 Oct 2025 18:01

Instrument :
BNA_F
ClientSampleId :
PR132-S02-010074-20251016

Tgt Ion: 82 Resp: 390907

Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.0	51.0
54	63.8	53.2	79.8

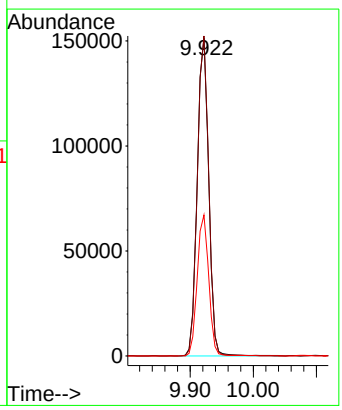


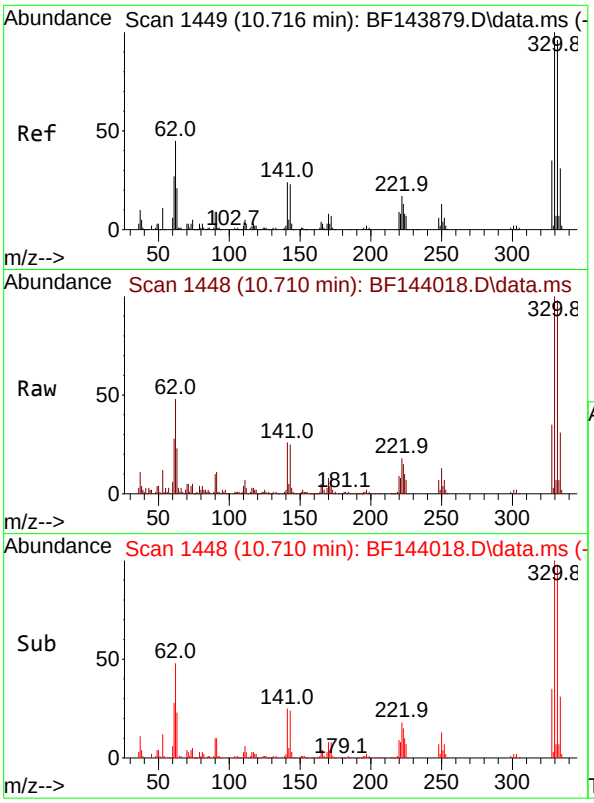


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BF144018.D
Acq: 21 Oct 2025 18:01

Tgt Ion:164 Resp: 190672

Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.2	120.2
160	44.4	35.4	53.0



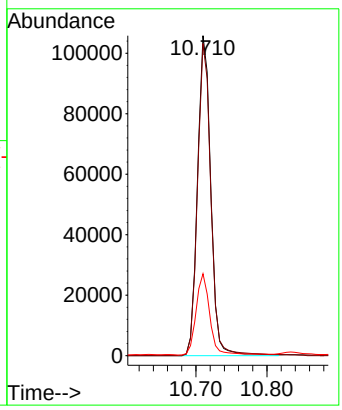


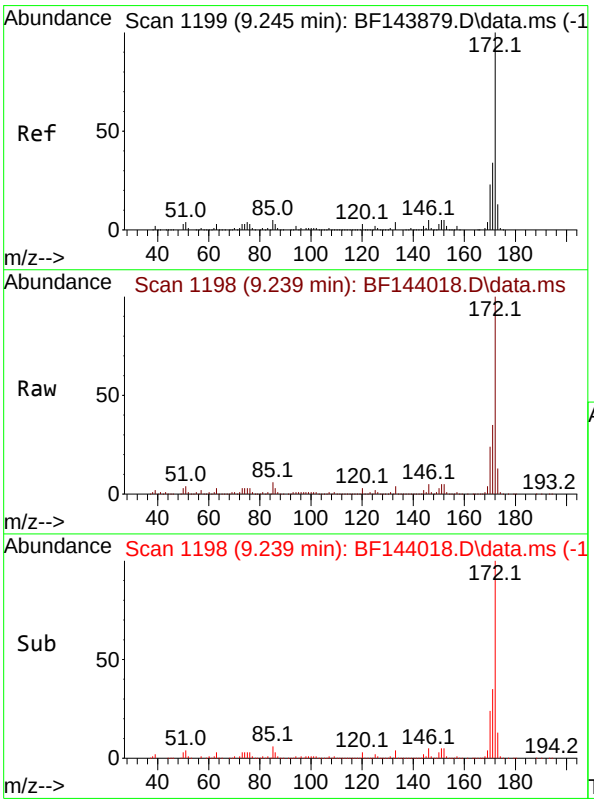
#42
2,4,6-Tribromophenol
Concen: 72.565 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF144018.D
Acq: 21 Oct 2025 18:01

Instrument :
BNA_F
ClientSampleId :
PR132-S02-010074-20251016

Tgt Ion:330 Resp: 137810

Ion	Ratio	Lower	Upper
330	100		
332	98.4	76.9	115.3
141	26.3	20.2	30.4

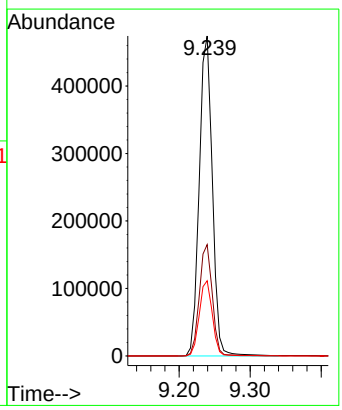


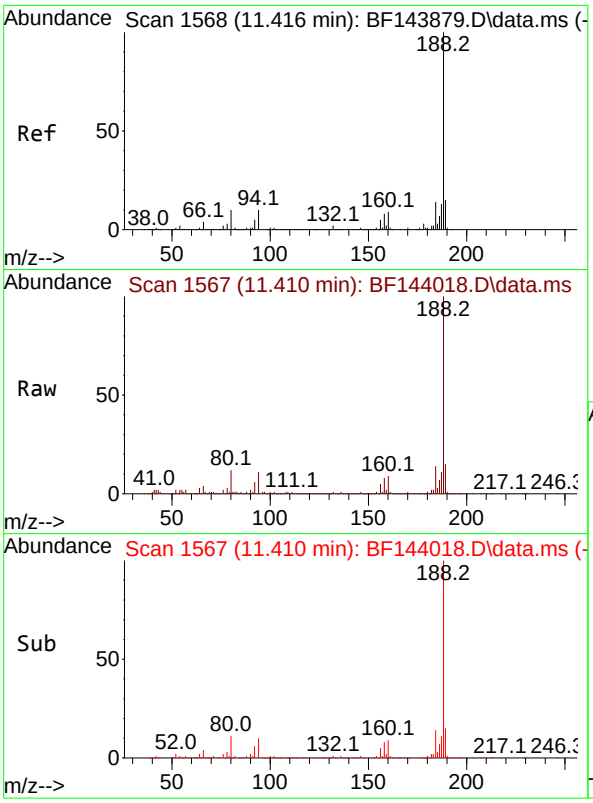


#45
2-Fluorobiphenyl
Concen: 50.719 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF144018.D
Acq: 21 Oct 2025 18:01

Tgt Ion:172 Resp: 609475

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.4	41.0
170	23.5	18.6	28.0



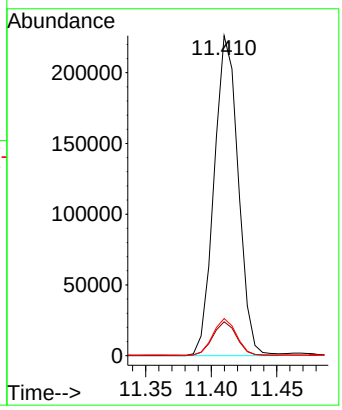


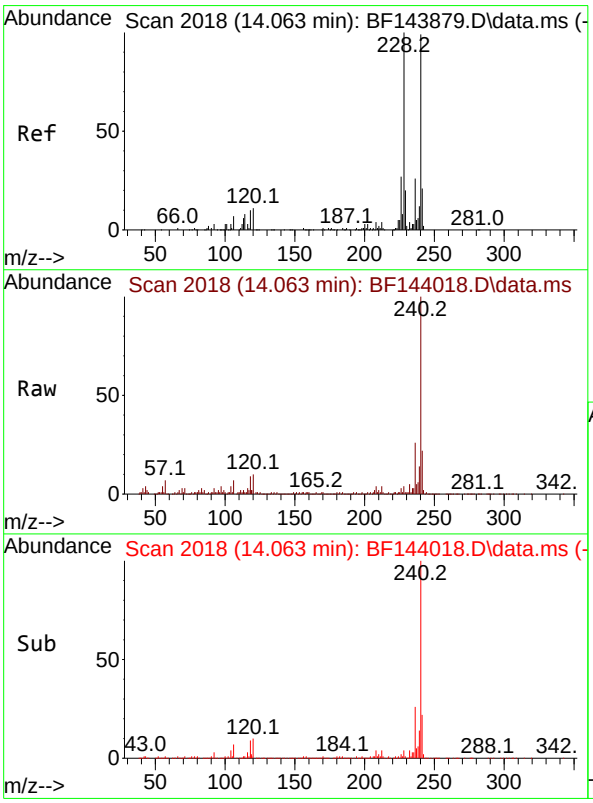
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144018.D
Acq: 21 Oct 2025 18:01

Instrument :
BNA_F
ClientSampleId :
PR132-S02-010074-20251016

Tgt Ion:188 Resp: 289518

Ion	Ratio	Lower	Upper
188	100		
94	10.6	7.8	11.6
80	11.6	7.9	11.9

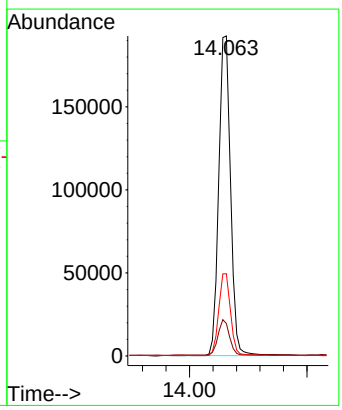


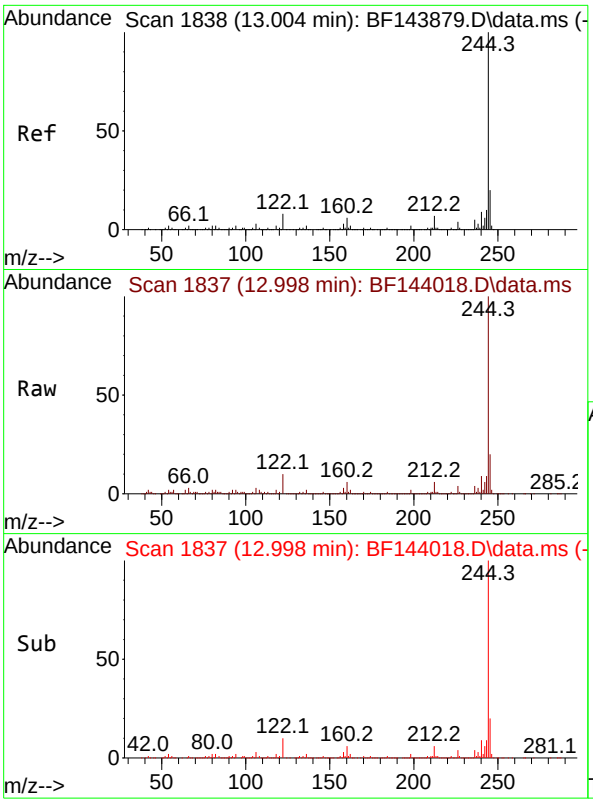


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.005 min
Lab File: BF144018.D
Acq: 21 Oct 2025 18:01

Tgt Ion:240 Resp: 267469

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.6	13.0
236	25.7	21.1	31.7



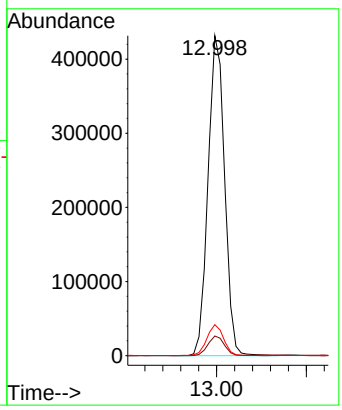


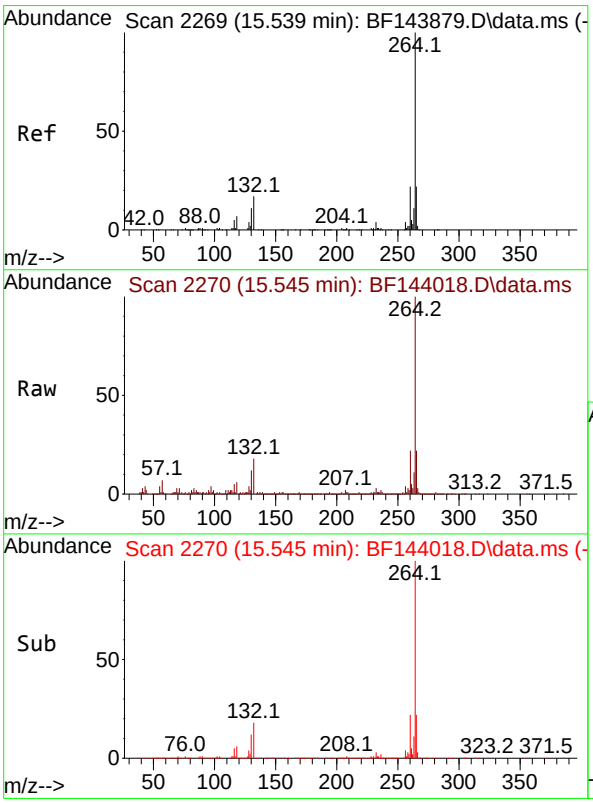
#79
Terphenyl-d14
Concen: 35.365 ng
RT: 12.998 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144018.D
Acq: 21 Oct 2025 18:01

Instrument :
BNA_F
ClientSampleId :
PR132-S02-010074-20251016

Tgt Ion:244 Resp: 553454

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.4	8.0
122	9.7	6.4	9.6#

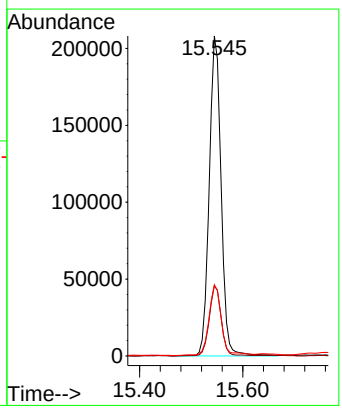


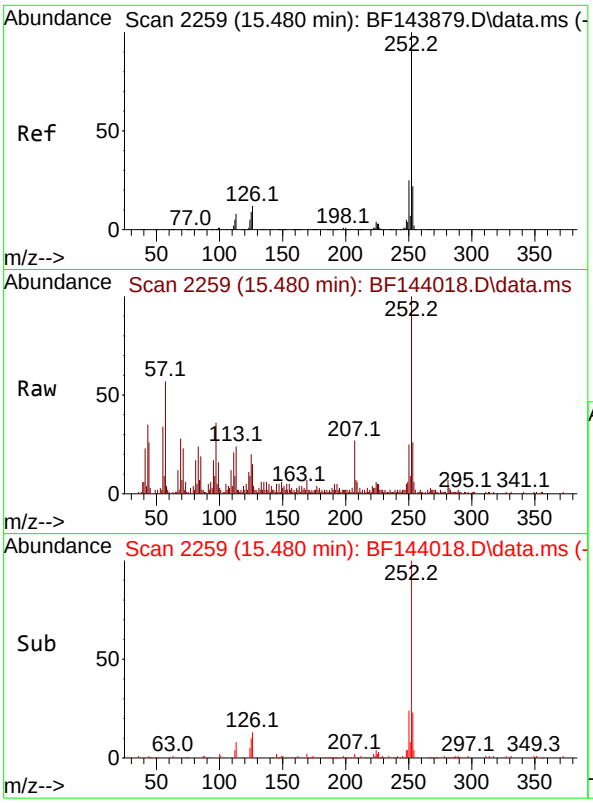


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF144018.D
Acq: 21 Oct 2025 18:01

Tgt Ion:264 Resp: 332355

Ion	Ratio	Lower	Upper
264	100		
260	21.9	17.8	26.8
265	22.2	17.5	26.3



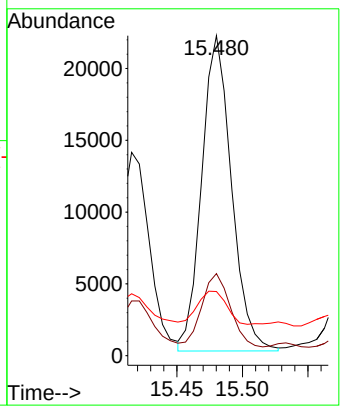


#90
Benzo(a)pyrene
Concen: 2.097 ng
RT: 15.480 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF144018.D
Acq: 21 Oct 2025 18:01

Instrument :
BNA_F
ClientSampleId :
PR132-S02-010074-20251016

Tgt Ion:252 Resp: 34714

Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.3	25.9
125	20.1	7.0	10.4#



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144018.D
Acq On : 21 Oct 2025 18:01
Operator : RC/JU
Sample : Q3375-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S02-010074-20251016

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_F\Methods\8270-BF100625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144018.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.099	491	494	503	rVB	30132	42957	1.95%	0.248%
2	5.498	556	562	573	rBV	1600027	2107378	95.88%	12.155%
3	6.128	664	669	675	rBV2	25396	41666	1.90%	0.240%
4	6.416	713	718	727	rBV5	15493	37474	1.70%	0.216%
5	6.504	727	733	749	rBV	1591227	2197989	100.00%	12.677%
6	6.787	776	781	788	rBV3	11774	25028	1.14%	0.144%
7	6.881	792	797	803	rVB	578155	726170	33.04%	4.188%
8	7.028	818	822	825	rVB2	18096	23615	1.07%	0.136%
9	7.151	838	843	847	rVB4	19332	30522	1.39%	0.176%
10	7.440	881	892	902	rBV	946001	1277938	58.14%	7.371%
11	7.522	902	906	910	rVV4	20117	36115	1.64%	0.208%
12	7.692	931	935	942	rVB2	28335	48598	2.21%	0.280%
13	7.781	943	950	952	rVV3	18875	36243	1.65%	0.209%
14	7.804	952	954	957	rVB3	22600	22324	1.02%	0.129%
15	7.916	969	973	981	rBV8	9999	23364	1.06%	0.135%
16	8.110	1001	1006	1009	rVV4	18575	41147	1.87%	0.237%
17	8.163	1010	1015	1021	rVV	679605	914174	41.59%	5.273%
18	8.222	1021	1025	1028	rVV	73516	107068	4.87%	0.618%
19	8.251	1028	1030	1037	rVB7	20223	37488	1.71%	0.216%
20	8.369	1047	1050	1057	rVB5	22671	41856	1.90%	0.241%
21	8.451	1058	1064	1070	rBV6	37409	66633	3.03%	0.384%
22	8.581	1082	1086	1097	rVB	82050	161895	7.37%	0.934%
23	8.704	1103	1107	1112	rBV4	21855	39004	1.77%	0.225%
24	8.845	1128	1131	1135	rVB2	31583	37789	1.72%	0.218%
25	9.039	1161	1164	1166	rBV3	22233	30401	1.38%	0.175%
26	9.157	1180	1184	1185	rBV4	25494	29662	1.35%	0.171%
27	9.181	1185	1188	1192	rVB	89410	107406	4.89%	0.619%
28	9.239	1193	1198	1203	rBV	1284628	1637702	74.51%	9.446%
29	9.322	1208	1212	1216	rBV2	39640	58352	2.65%	0.337%
30	9.633	1261	1265	1273	rVB3	116495	171421	7.80%	0.989%
31	9.786	1287	1291	1294	rBV2	34737	47144	2.14%	0.272%
32	9.828	1295	1298	1302	rVV3	28556	39942	1.82%	0.230%
33	9.922	1309	1314	1318	rVB	625435	782062	35.58%	4.511%
34	10.175	1353	1357	1364	rVB3	33293	56106	2.55%	0.324%
35	10.328	1380	1383	1388	rBV6	23460	37972	1.73%	0.219%
36	10.569	1419	1424	1430	rBV	85459	128980	5.87%	0.744%

Sample Results: **BF144018.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144018.D
Acq On : 21 Oct 2025 18:01
Operator : RC/JU
Sample : Q3375-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S02-010074-20251016

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_F\Methods\8270-BF100625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.633	1430	1435	1440	rVV	231372	296977	13.51%	1.713%
38	10.710	1443	1448	1459	rVB	760211	999605	45.48%	5.765%
39	10.833	1465	1469	1476	rVB	147179	212590	9.67%	1.226%
40	10.945	1485	1488	1496	rVB2	49428	68357	3.11%	0.394%
41	11.304	1545	1549	1554	rVB	82210	116311	5.29%	0.671%
42	11.410	1562	1567	1575	rBV	545839	771398	35.10%	4.449%
43	11.933	1652	1656	1663	rBV2	134959	208444	9.48%	1.202%
44	12.627	1772	1774	1778	rVB	40606	42060	1.91%	0.243%
45	12.857	1810	1813	1819	rBV	68520	95733	4.36%	0.552%
46	12.998	1832	1837	1845	rVB	1059046	1367399	62.21%	7.887%
47	13.139	1858	1861	1865	rBV	53438	60604	2.76%	0.350%
48	13.910	1989	1992	2001	rVB	96751	178559	8.12%	1.030%
49	14.057	2013	2017	2026	rVB	528368	797646	36.29%	4.601%
50	15.545	2265	2270	2283	rVB	519855	870755	39.62%	5.022%

Sum of corrected areas: 17338023

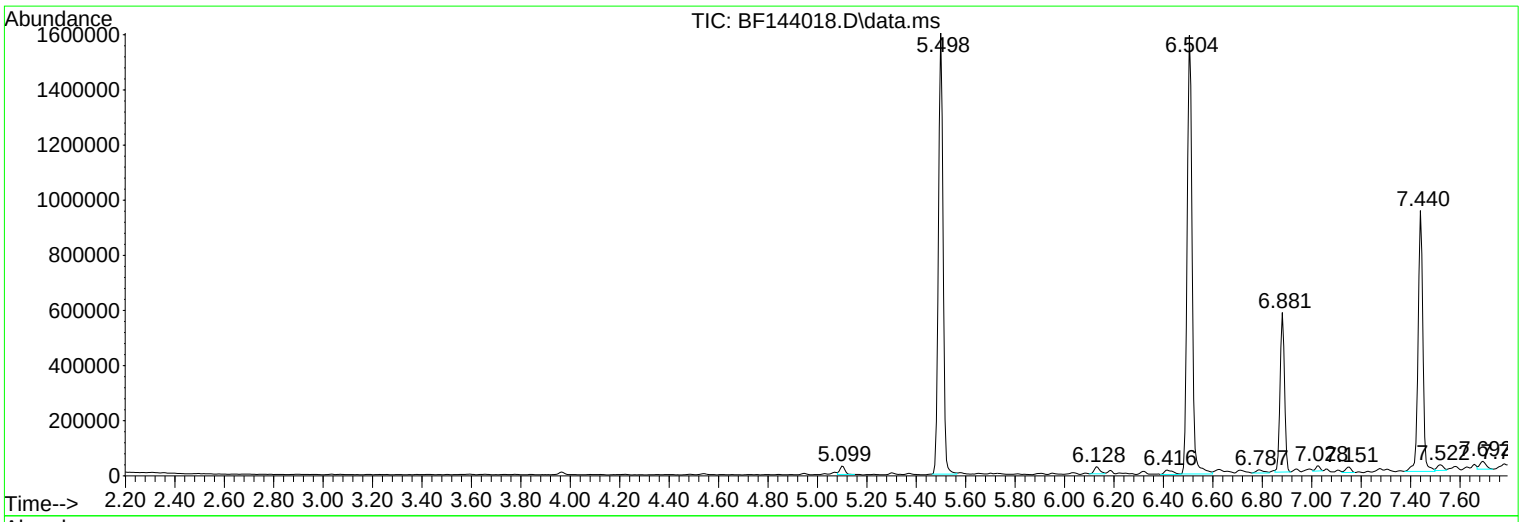
Sample Results: **BF144018.D**

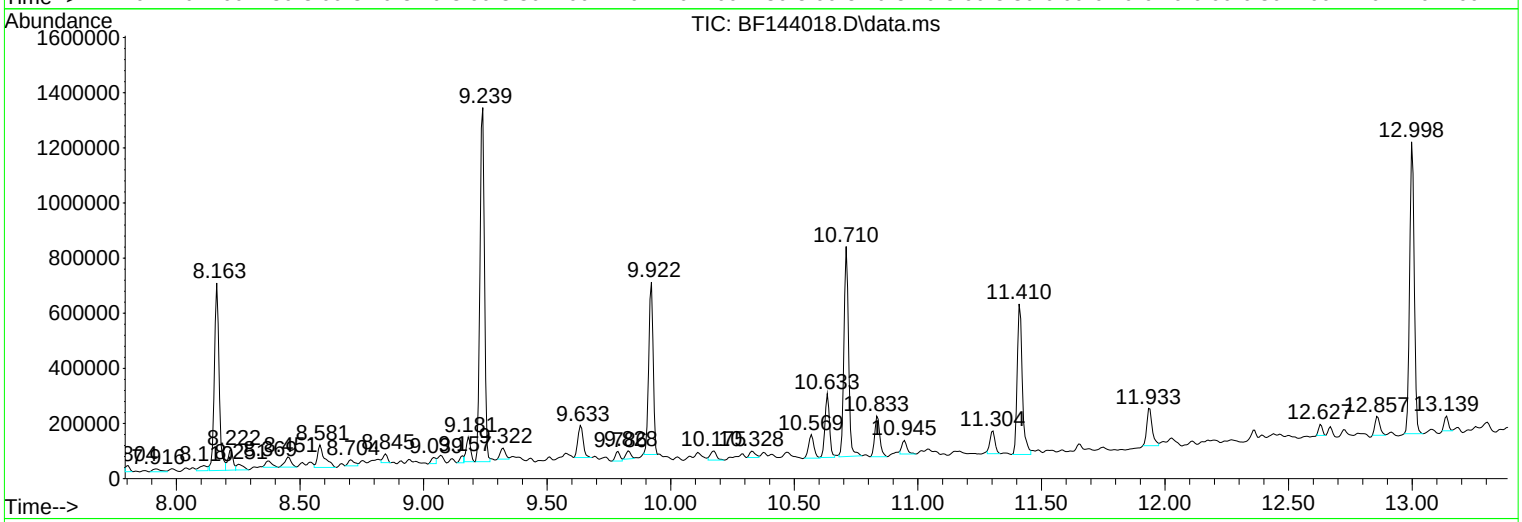
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Data File : BF144018.D
Acq On : 21 Oct 2025 18:01
Operator : RC/JU
Sample : Q3375-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

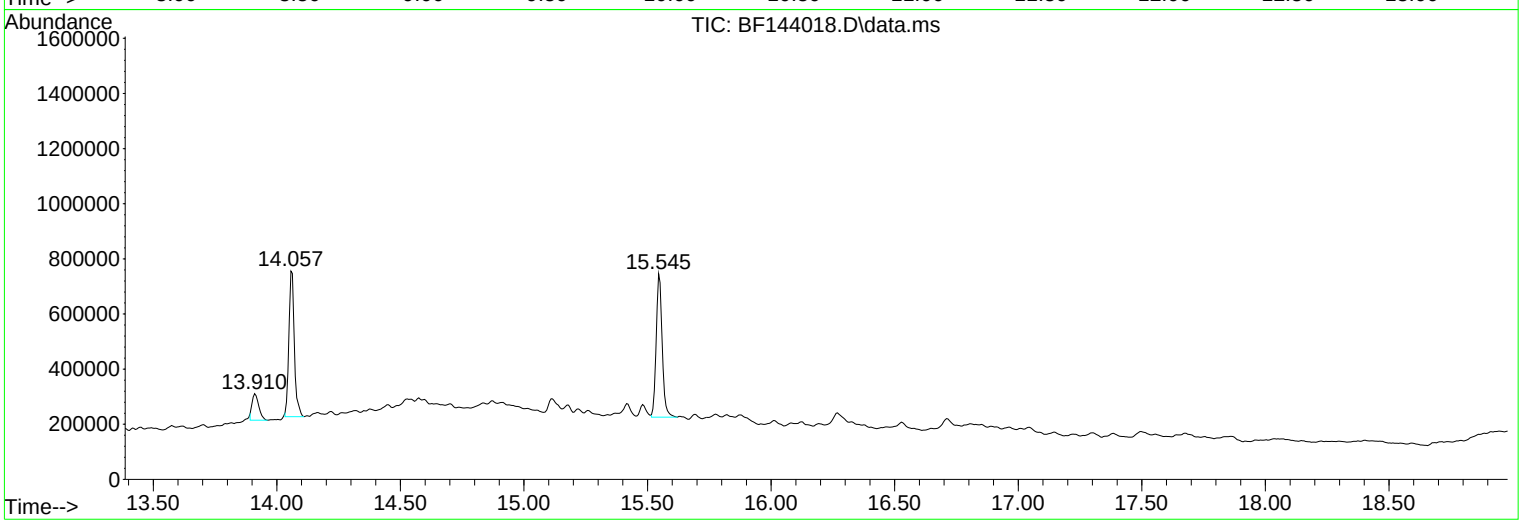
Instrument :
BNA_F
ClientSampleId :
PR132-S02-010074-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.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_F\Data\BF102125\
Data File : BF144018.D
Acq On : 21 Oct 2025 18:01
Operator : RC/JU
Sample : Q3375-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S02-010074-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

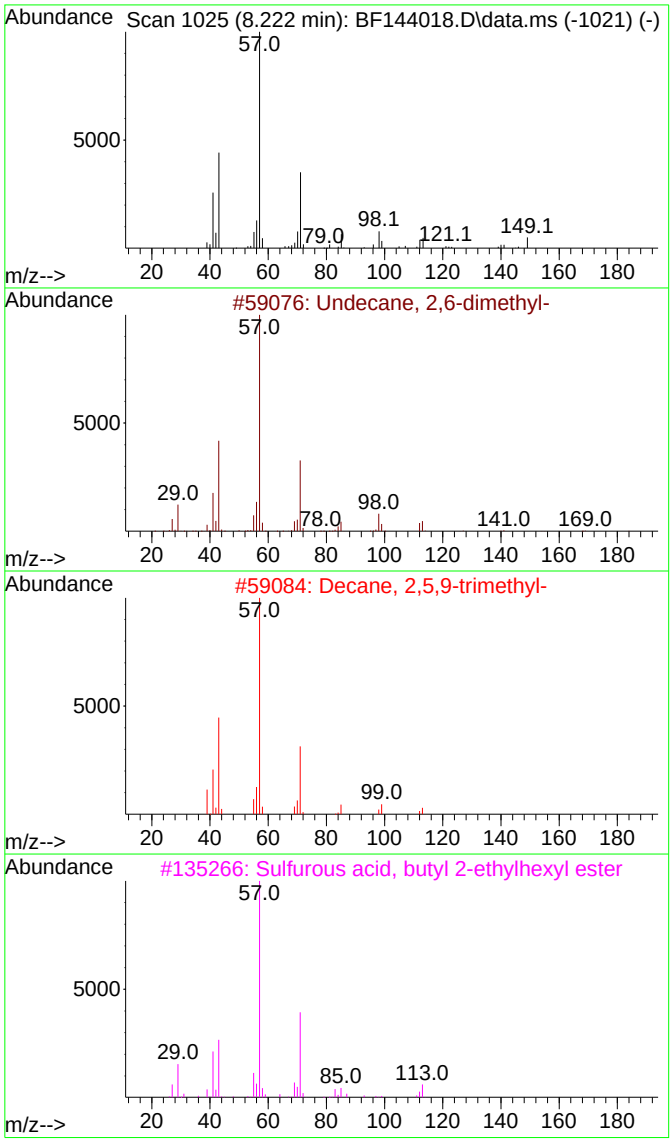
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TIC Integration Parameters: LSCINT.P

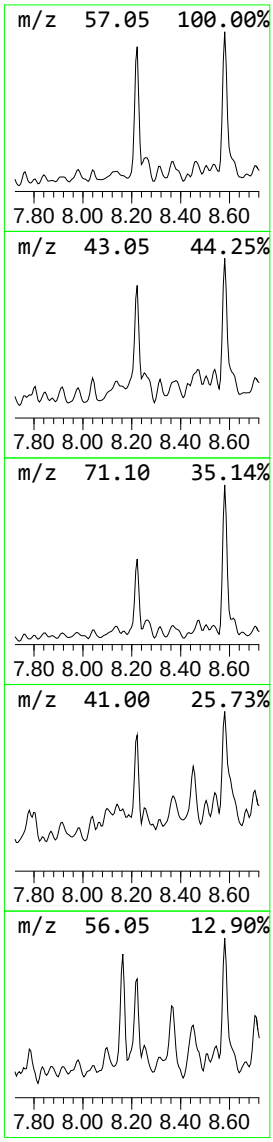
****

Peak Number 1 Undecane, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.222	2.34 ng	107068	Naphthalene-d8	8.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	86
2	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	64
3	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	59
4	Eicosyl octyl ether	410	C28H58O	1000406-38-8	53
5	Docosyl octyl ether	438	C30H62O	1000406-38-9	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144018.D
Acq On : 21 Oct 2025 18:01
Operator : RC/JU
Sample : Q3375-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S02-010074-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

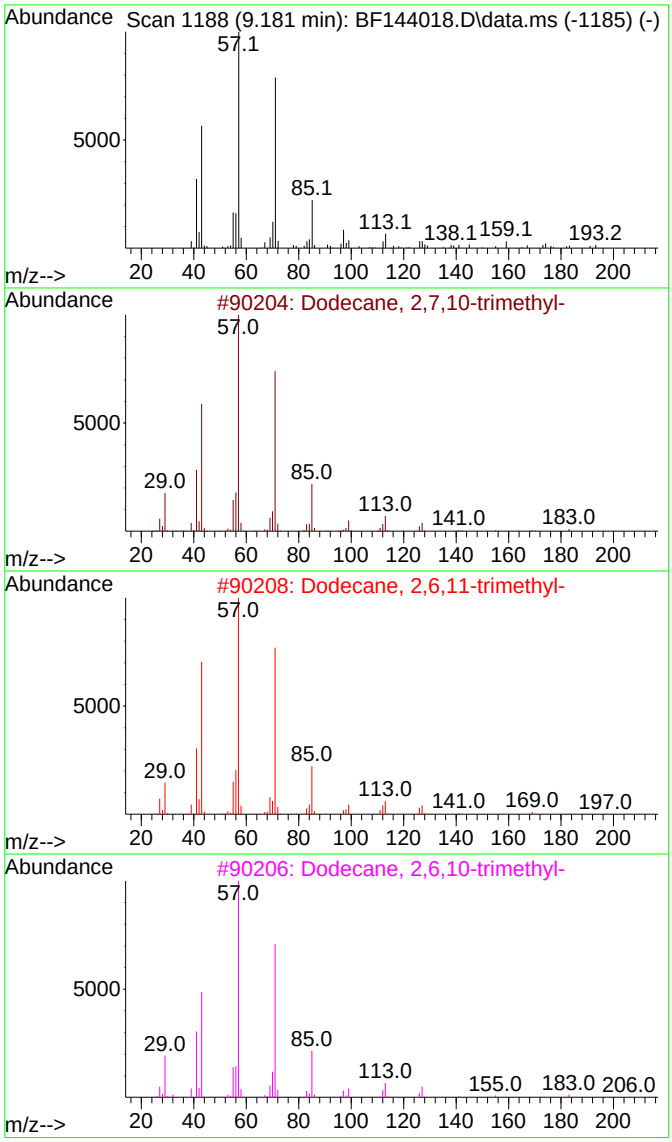
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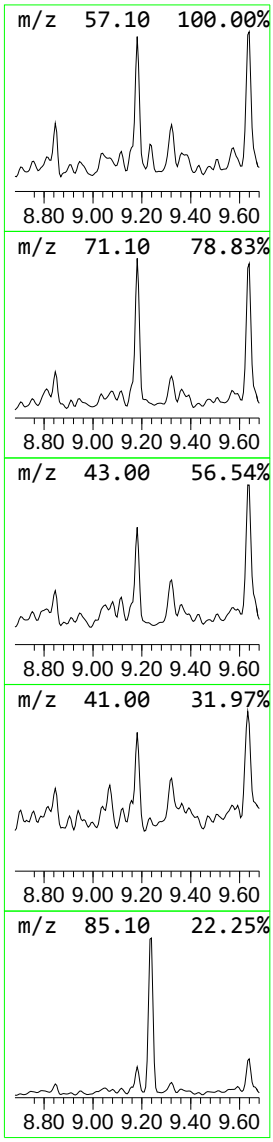
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Peak Number 3 Dodecane, 2,7,10-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.181	2.75 ng	107406	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
4	Undecane, 6-ethyl-	184	C13H28	017312-60-6	83
5	Tridecane, 4-methyl-	198	C14H30	026730-12-1	78





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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144018.D
Acq On    : 21 Oct 2025  18:01
Operator  : RC/JU
Sample    : Q3375-04
Misc      :
ALS Vial  : 11   Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library   : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P
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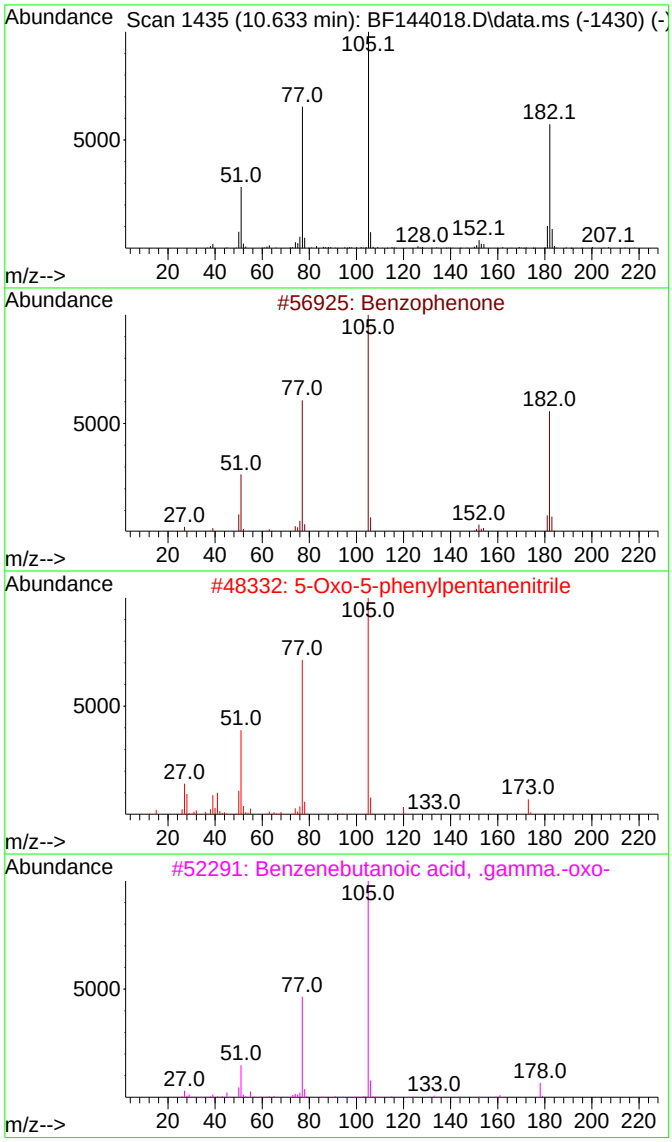
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ClientSampleId :
PR132-S02-010074-20251016

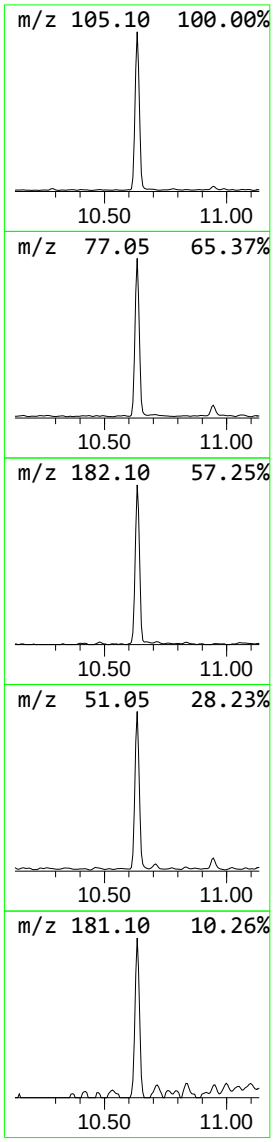
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Peak Number 6 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.633	7.59 ng	296977	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	5-Oxo-5-phenylpentanenitrile	173	C11H11NO	1000486-83-7	47
3	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
4	Methyl benzilate	242	C15H14O3	000076-89-1	47
5	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144018.D
Acq On : 21 Oct 2025 18:01
Operator : RC/JU
Sample : Q3375-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S02-010074-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

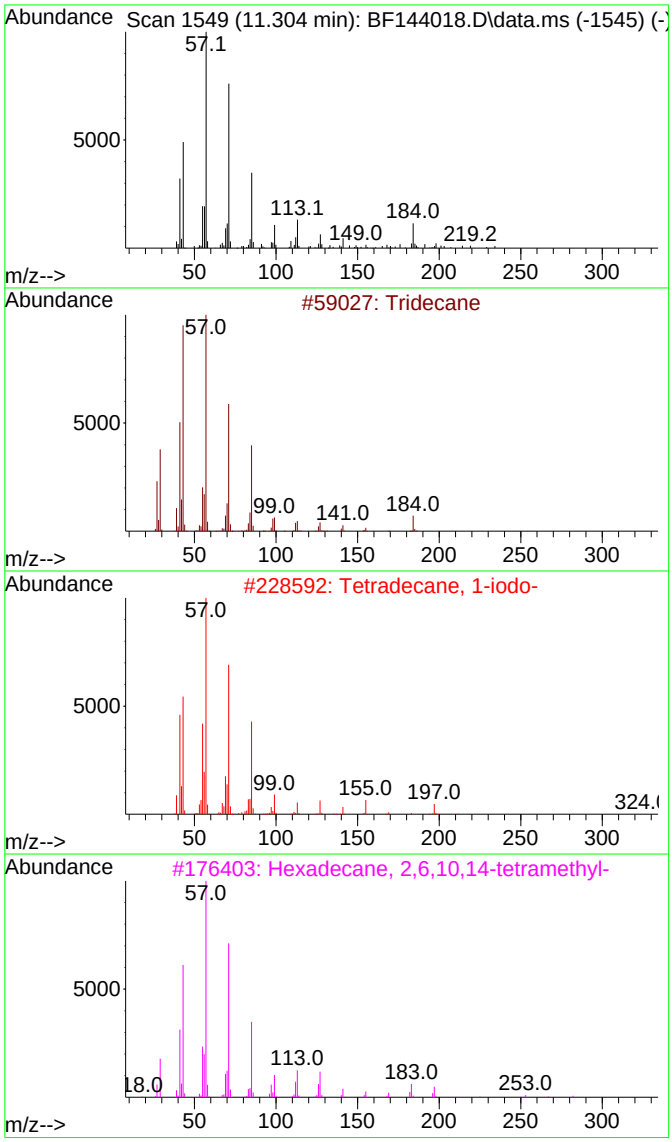
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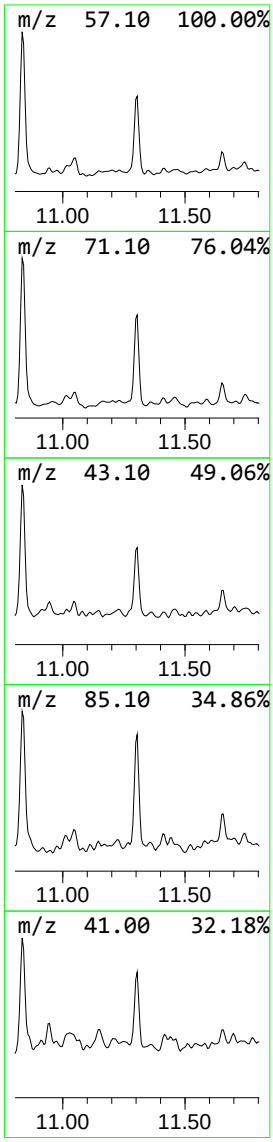
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Peak Number 8 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.304	3.02 ng	116311	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
5	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1010104-10-8	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144018.D
Acq On : 21 Oct 2025 18:01
Operator : RC/JU
Sample : Q3375-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S02-010074-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

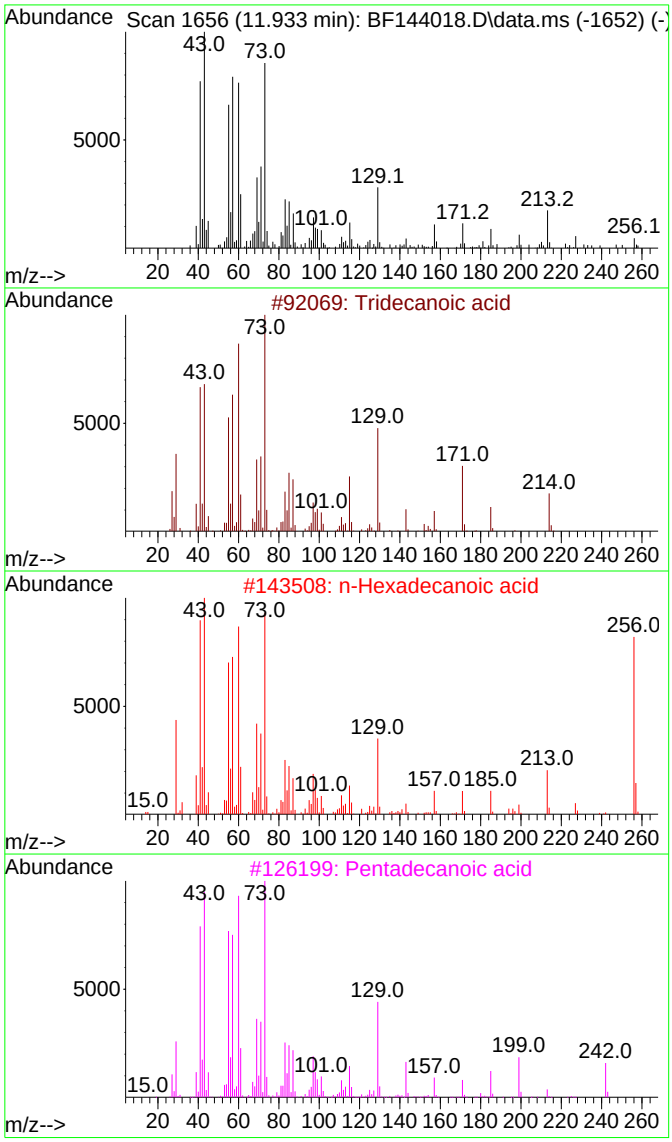
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TIC Integration Parameters: LSCINT.P

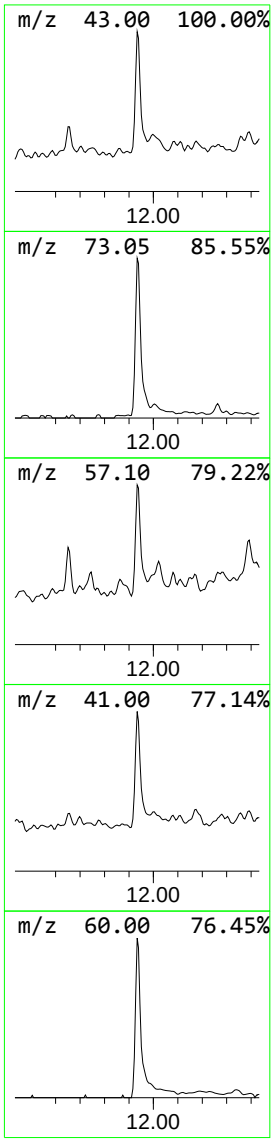
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Peak Number 9 Tridecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	5.40 ng	208444	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144018.D
Acq On : 21 Oct 2025 18:01
Operator : RC/JU
Sample : Q3375-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S02-010074-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

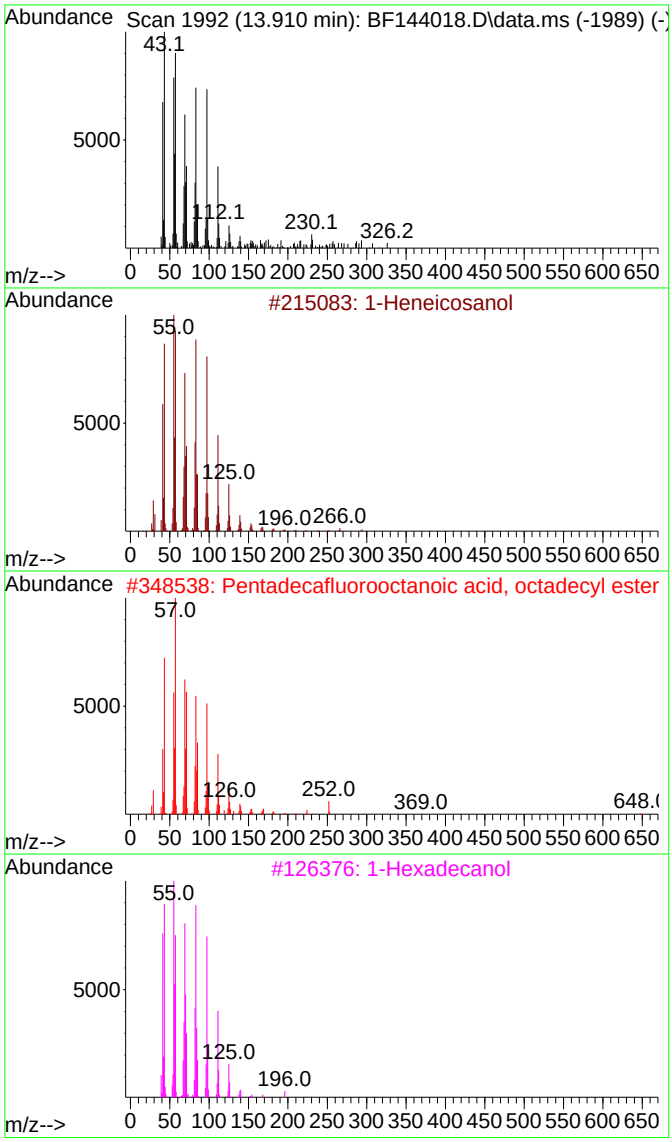
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

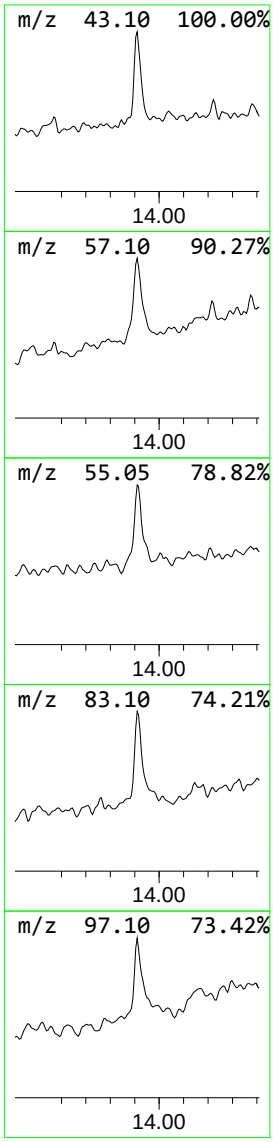
****

Peak Number 11 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.910	4.48 ng	178559	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	87
2	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	83
3	1-Hexadecanol	242	C16H34O	036653-82-4	76
4	Cycloeicosane	280	C20H40	000296-56-0	76
5	1-Octadecanol	270	C18H38O	000112-92-5	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144018.D
Acq On : 21 Oct 2025 18:01
Operator : RC/JU
Sample : Q3375-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S02-010074-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.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
Undecane, 2,6-d...	8.222	2.3	ng	107068	2	8.163	914174	20.0
Dodecane, 2,7,1...	9.181	2.8	ng	107406	3	9.922	782062	20.0
Benzophenone	10.633	7.6	ng	296977	3	9.922	782062	20.0
Tridecane	11.304	3.0	ng	116311	4	11.410	771398	20.0
Tridecanoic acid	11.933	5.4	ng	208444	4	11.410	771398	20.0
1-Heneicosanol	13.910	4.5	ng	178559	5	14.063	797646	20.0

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Report of Analysis

Client:	AECOM	Date Collected:	10/16/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/16/25
Client Sample ID:	PR132-DP02-074099-20251016	SDG No.:	Q3375
Lab Sample ID:	Q3375-05	Matrix:	SOIL
Analytical Method:	8270E Level : LOW	% Solid:	66.7
Sample Wt/Vol:	30.04 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/20/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	490	U	1	230	490	ug/Kg	10/21/25 18:30	PB170165
108-95-2	Phenol	250	U	1	33.1	250	ug/Kg	10/21/25 18:30	PB170165
111-44-4	bis(2-Chloroethyl)ether	250	U	1	36.4	250	ug/Kg	10/21/25 18:30	PB170165
95-57-8	2-Chlorophenol	250	U	1	36.5	250	ug/Kg	10/21/25 18:30	PB170165
95-48-7	2-Methylphenol	250	U	1	44.8	250	ug/Kg	10/21/25 18:30	PB170165
108-60-1	2,2-oxybis(1-Chloropropane)	250	U	1	56.1	250	ug/Kg	10/21/25 18:30	PB170165
98-86-2	Acetophenone	250	U	1	44.2	250	ug/Kg	10/21/25 18:30	PB170165
65794-96-9	3+4-Methylphenols	490	U	1	61.5	490	ug/Kg	10/21/25 18:30	PB170165
621-64-7	n-Nitroso-di-n-propylamine	120	U	1	71.0	120	ug/Kg	10/21/25 18:30	PB170165
67-72-1	Hexachloroethane	250	U	1	26.4	250	ug/Kg	10/21/25 18:30	PB170165
98-95-3	Nitrobenzene	250	U	1	27.4	250	ug/Kg	10/21/25 18:30	PB170165
78-59-1	Isophorone	250	U	1	49.1	250	ug/Kg	10/21/25 18:30	PB170165
88-75-5	2-Nitrophenol	250	U	1	87.1	250	ug/Kg	10/21/25 18:30	PB170165
105-67-9	2,4-Dimethylphenol	250	U	1	97.0	250	ug/Kg	10/21/25 18:30	PB170165
111-91-1	bis(2-Chloroethoxy)methane	250	U	1	46.1	250	ug/Kg	10/21/25 18:30	PB170165
120-83-2	2,4-Dichlorophenol	250	U	1	42.4	250	ug/Kg	10/21/25 18:30	PB170165
91-20-3	Naphthalene	250	U	1	34.0	250	ug/Kg	10/21/25 18:30	PB170165
106-47-8	4-Chloroaniline	250	U	1	53.0	250	ug/Kg	10/21/25 18:30	PB170165
87-68-3	Hexachlorobutadiene	250	U	1	37.9	250	ug/Kg	10/21/25 18:30	PB170165
105-60-2	Caprolactam	490	U	1	78.0	490	ug/Kg	10/21/25 18:30	PB170165
59-50-7	4-Chloro-3-methylphenol	250	U	1	43.0	250	ug/Kg	10/21/25 18:30	PB170165
91-57-6	2-Methylnaphthalene	250	U	1	38.3	250	ug/Kg	10/21/25 18:30	PB170165
77-47-4	Hexachlorocyclopentadiene	490	U	1	170	490	ug/Kg	10/21/25 18:30	PB170165
88-06-2	2,4,6-Trichlorophenol	250	U	1	29.6	250	ug/Kg	10/21/25 18:30	PB170165
95-95-4	2,4,5-Trichlorophenol	250	U	1	43.6	250	ug/Kg	10/21/25 18:30	PB170165
92-52-4	1,1-Biphenyl	250	U	1	32.6	250	ug/Kg	10/21/25 18:30	PB170165
91-58-7	2-Chloronaphthalene	250	U	1	33.7	250	ug/Kg	10/21/25 18:30	PB170165
88-74-4	2-Nitroaniline	250	U	1	72.0	250	ug/Kg	10/21/25 18:30	PB170165
131-11-3	Dimethylphthalate	250	U	1	40.6	250	ug/Kg	10/21/25 18:30	PB170165
208-96-8	Acenaphthylene	250	U	1	43.3	250	ug/Kg	10/21/25 18:30	PB170165
606-20-2	2,6-Dinitrotoluene	250	U	1	50.3	250	ug/Kg	10/21/25 18:30	PB170165
99-09-2	3-Nitroaniline	250	U	1	68.9	250	ug/Kg	10/21/25 18:30	PB170165
83-32-9	Acenaphthene	250	U	1	31.9	250	ug/Kg	10/21/25 18:30	PB170165
51-28-5	2,4-Dinitrophenol	490	U	1	340	490	ug/Kg	10/21/25 18:30	PB170165
100-02-7	4-Nitrophenol	490	U	1	160	490	ug/Kg	10/21/25 18:30	PB170165
132-64-9	Dibenzofuran	250	U	1	34.0	250	ug/Kg	10/21/25 18:30	PB170165
121-14-2	2,4-Dinitrotoluene	250	U	1	75.0	250	ug/Kg	10/21/25 18:30	PB170165
84-66-2	Diethylphthalate	250	U	1	42.4	250	ug/Kg	10/21/25 18:30	PB170165
7005-72-3	4-Chlorophenyl-phenylether	250	U	1	40.0	250	ug/Kg	10/21/25 18:30	PB170165
86-73-7	Fluorene	250	U	1	37.9	250	ug/Kg	10/21/25 18:30	PB170165
100-01-6	4-Nitroaniline	250	U	1	96.1	250	ug/Kg	10/21/25 18:30	PB170165
534-52-1	4,6-Dinitro-2-methylphenol	490	U	1	150	490	ug/Kg	10/21/25 18:30	PB170165

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Report of Analysis

Client:	AECOM	Date Collected:	10/16/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/16/25
Client Sample ID:	PR132-DP02-074099-20251016	SDG No.:	Q3375
Lab Sample ID:	Q3375-05	Matrix:	SOIL
Analytical Method:	8270E Level : LOW	% Solid:	66.7
Sample Wt/Vol:	30.04 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/20/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	250	U	1	49.3	250	ug/Kg	10/21/25 18:30	PB170165
101-55-3	4-Bromophenyl-phenylether	250	U	1	41.6	250	ug/Kg	10/21/25 18:30	PB170165
118-74-1	Hexachlorobenzene	250	U	1	37.9	250	ug/Kg	10/21/25 18:30	PB170165
1912-24-9	Atrazine	250	U	1	50.9	250	ug/Kg	10/21/25 18:30	PB170165
87-86-5	Pentachlorophenol	490	U	1	76.8	490	ug/Kg	10/21/25 18:30	PB170165
85-01-8	Phenanthrene	99.8	J	1	31.3	250	ug/Kg	10/21/25 18:30	PB170165
120-12-7	Anthracene	250	U	1	49.9	250	ug/Kg	10/21/25 18:30	PB170165
86-74-8	Carbazole	250	U	1	46.7	250	ug/Kg	10/21/25 18:30	PB170165
84-74-2	Di-n-butylphthalate	250	U	1	71.7	250	ug/Kg	10/21/25 18:30	PB170165
206-44-0	Fluoranthene	160	J	1	44.9	250	ug/Kg	10/21/25 18:30	PB170165
129-00-0	Pyrene	250	U	1	53.9	250	ug/Kg	10/21/25 18:30	PB170165
85-68-7	Butylbenzylphthalate	250	U	1	110	250	ug/Kg	10/21/25 18:30	PB170165
91-94-1	3,3-Dichlorobenzidine	490	U	1	54.9	490	ug/Kg	10/21/25 18:30	PB170165
56-55-3	Benzo(a)anthracene	250	U	1	34.4	250	ug/Kg	10/21/25 18:30	PB170165
218-01-9	Chrysene	250	U	1	29.8	250	ug/Kg	10/21/25 18:30	PB170165
117-81-7	Bis(2-ethylhexyl)phthalate	130	J	1	88.6	250	ug/Kg	10/21/25 18:30	PB170165
117-84-0	Di-n-octyl phthalate	490	U	1	130	490	ug/Kg	10/21/25 18:30	PB170165
205-99-2	Benzo(b)fluoranthene	250	U	1	28.4	250	ug/Kg	10/21/25 18:30	PB170165
207-08-9	Benzo(k)fluoranthene	250	U	1	33.5	250	ug/Kg	10/21/25 18:30	PB170165
50-32-8	Benzo(a)pyrene	250	U	1	44.2	250	ug/Kg	10/21/25 18:30	PB170165
193-39-5	Indeno(1,2,3-cd)pyrene	250	U	1	43.6	250	ug/Kg	10/21/25 18:30	PB170165
53-70-3	Dibenzo(a,h)anthracene	250	U	1	41.0	250	ug/Kg	10/21/25 18:30	PB170165
191-24-2	Benzo(g,h,i)perylene	250	U	1	38.5	250	ug/Kg	10/21/25 18:30	PB170165
95-94-3	1,2,4,5-Tetrachlorobenzene	250	U	1	38.3	250	ug/Kg	10/21/25 18:30	PB170165
123-91-1	1,4-Dioxane	250	U	1	67.7	250	ug/Kg	10/21/25 18:30	PB170165
58-90-2	2,3,4,6-Tetrachlorophenol	250	U	1	41.0	250	ug/Kg	10/21/25 18:30	PB170165
SURROGATES									
367-12-4	2-Fluorophenol	82.9			18 - 112	55%	SPK: 150		
13127-88-3	Phenol-d6	78.6			15 - 107	52%	SPK: 150		
4165-60-0	Nitrobenzene-d5	57.5			18 - 107	57%	SPK: 100		
321-60-8	2-Fluorobiphenyl	50.3			20 - 109	50%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	70.8			10 - 116	47%	SPK: 150		
1718-51-0	Terphenyl-d14	35.0			10 - 105	35%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	117000							
1146-65-2	Naphthalene-d8	418000							
15067-26-2	Acenaphthene-d10	205000							
1517-22-2	Phenanthrene-d10	300000							
1719-03-5	Chrysene-d12	263000							
1520-96-3	Perylene-d12	321000							
TENTATIVE IDENTIFIED COMPOUNDS									
000119-61-9	Benzophenone	300	J			10.6	ug/Kg		
000057-10-3	n-Hexadecanoic acid	280	J			11.9	ug/Kg		

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Report of Analysis

Client:	AECOM	Date Collected:	10/16/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/16/25
Client Sample ID:	PR132-DP02-074099-20251016	SDG No.:	Q3375
Lab Sample ID:	Q3375-05	Matrix:	SOIL
Analytical Method:	8270E Level : LOW	% Solid:	66.7
Sample Wt/Vol:	30.04 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/20/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
000295-48-7	Cyclopentadecane	150	J			13.9	ug/Kg		

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_F\Data\BF102125\
Data File : BF144019.D
Acq On : 21 Oct 2025 18:30
Operator : RC/JU
Sample : Q3375-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-DP02-074099-20251016

Quant Time: Oct 21 18:59:13 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

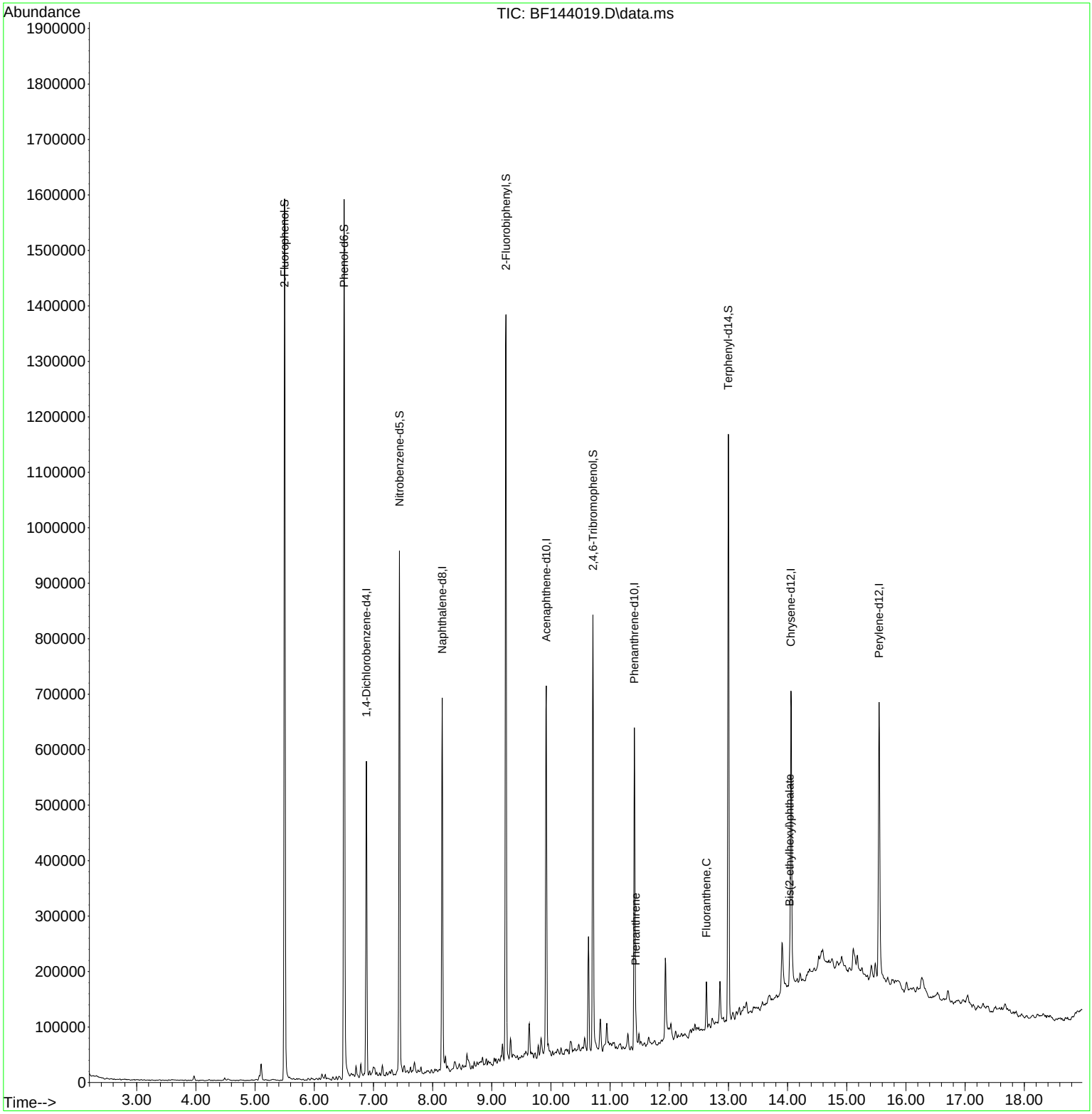
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	116635	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	418260	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	205210	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	299829	20.000	ng	0.00
76) Chrysene-d12	14.057	240	262654	20.000	ng	-0.01
86) Perylene-d12	15.545	264	320945	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	608900	82.902	ng	0.00
7) Phenol-d6	6.504	99	688308	78.621	ng	-0.01
23) Nitrobenzene-d5	7.440	82	395841	57.498	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	144750	70.819	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	649886	50.251	ng	-0.01
79) Terphenyl-d14	12.998	244	537489	34.974	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.433	178	29105	2.002	ng	99
75) Fluoranthene	12.627	202	48071	3.202	ng	97
84) Bis(2-ethylhexyl)phtha...	14.033	149	22323	2.604	ng	97

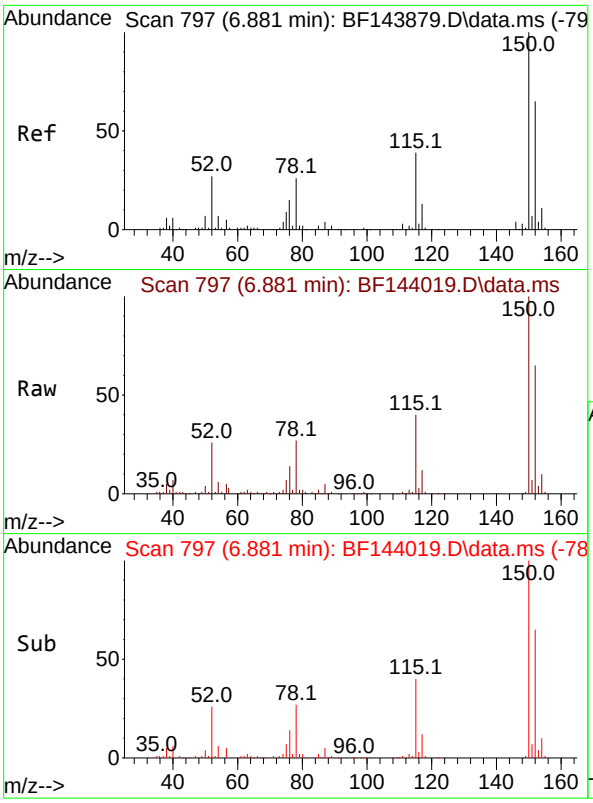
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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144019.D
Acq On : 21 Oct 2025 18:30
Operator : RC/JU
Sample : Q3375-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-DP02-074099-20251016

Quant Time: Oct 21 18:59:13 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



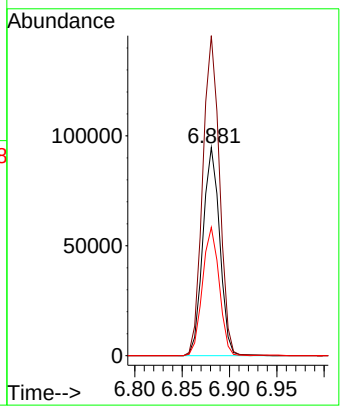


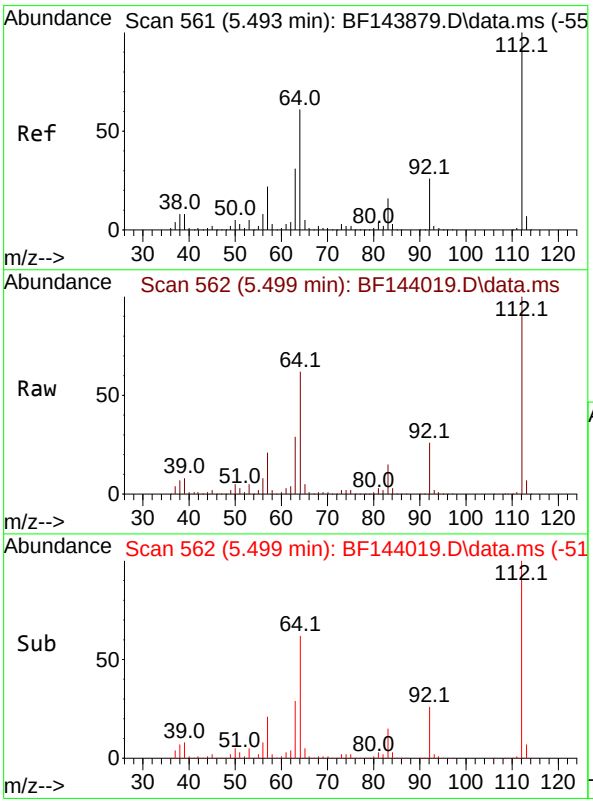
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 7
Delta R.T. -0.005 min
Lab File: BF144019.D
Acq: 21 Oct 2025 18:30

Instrument :
BNA_F
ClientSampleId :
PR132-DP02-074099-20251016

Tgt Ion:152 Resp: 116635

Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.4	186.6
115	61.6	48.1	72.1

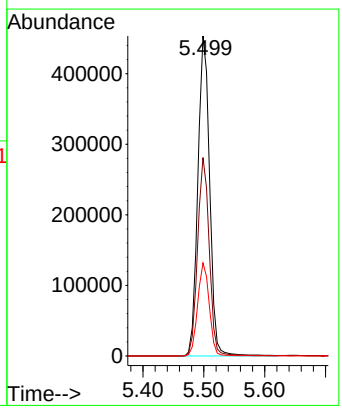


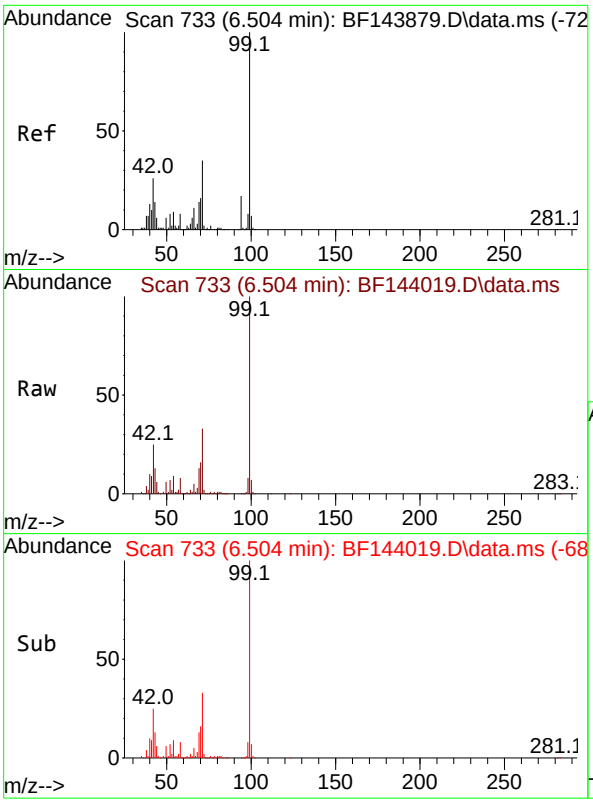


#5
2-Fluorophenol
Concen: 82.902 ng
RT: 5.499 min Scan# 562
Delta R.T. 0.000 min
Lab File: BF144019.D
Acq: 21 Oct 2025 18:30

Tgt Ion:112 Resp: 608900

Ion	Ratio	Lower	Upper
112	100		
64	62.0	49.1	73.7
63	29.1	24.5	36.7



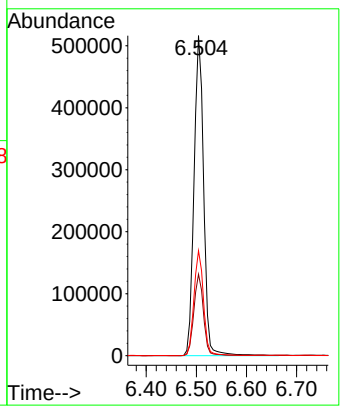


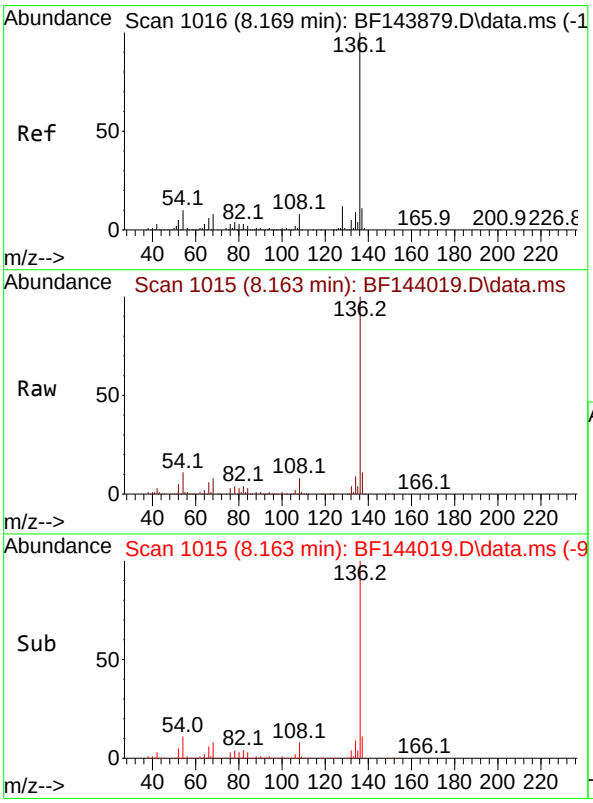
#7
Phenol-d6
Concen: 78.621 ng
RT: 6.504 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF144019.D
Acq: 21 Oct 2025 18:30

Instrument :
BNA_F
ClientSampleId :
PR132-DP02-074099-20251016

Tgt Ion: 99 Resp: 688308

Ion	Ratio	Lower	Upper
99	100		
42	25.4	21.0	31.4
71	32.8	27.8	41.8

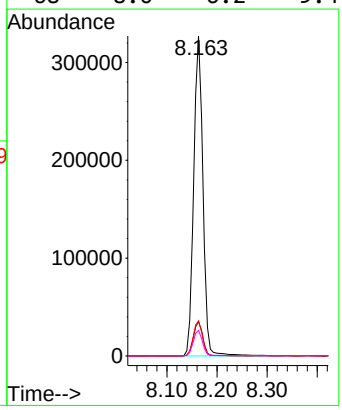


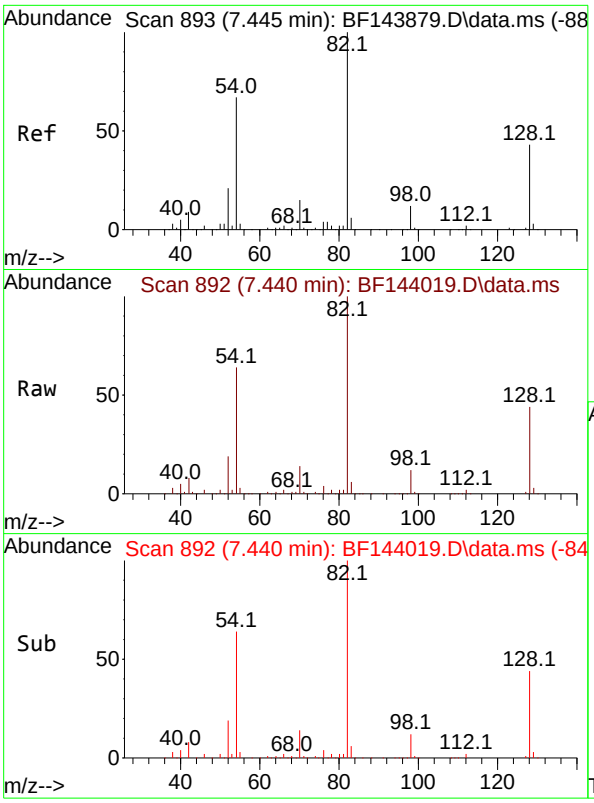


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF144019.D
Acq: 21 Oct 2025 18:30

Tgt Ion:136 Resp: 418260

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	11.0	8.2	12.4
68	8.0	6.2	9.4



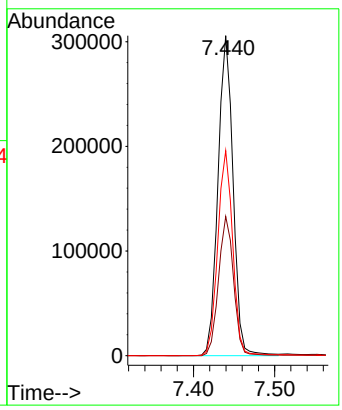


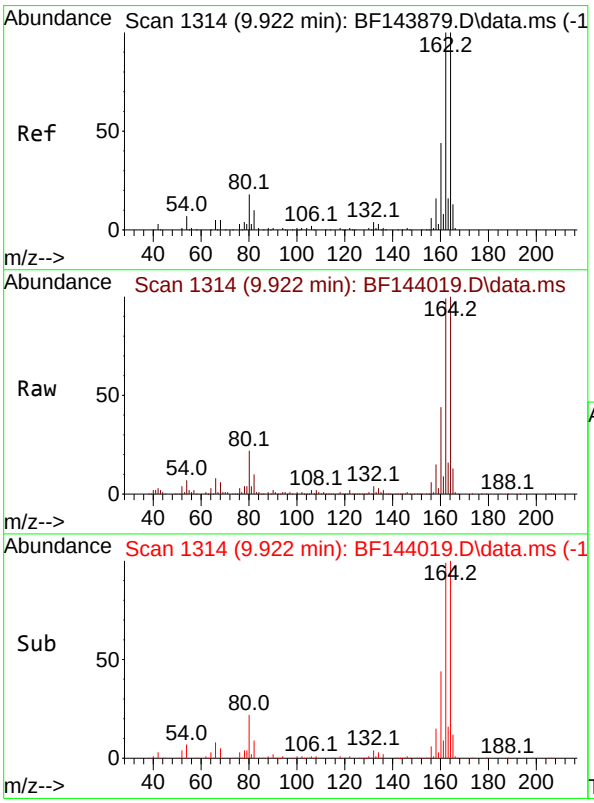
#23
Nitrobenzene-d5
Concen: 57.498 ng
RT: 7.440 min Scan# 8
Delta R.T. -0.017 min
Lab File: BF144019.D
Acq: 21 Oct 2025 18:30

Instrument :
BNA_F
ClientSampleId :
PR132-DP02-074099-20251016

Tgt Ion: 82 Resp: 395841

Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.0	51.0
54	64.1	53.2	79.8

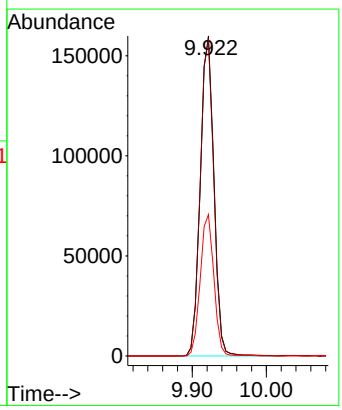


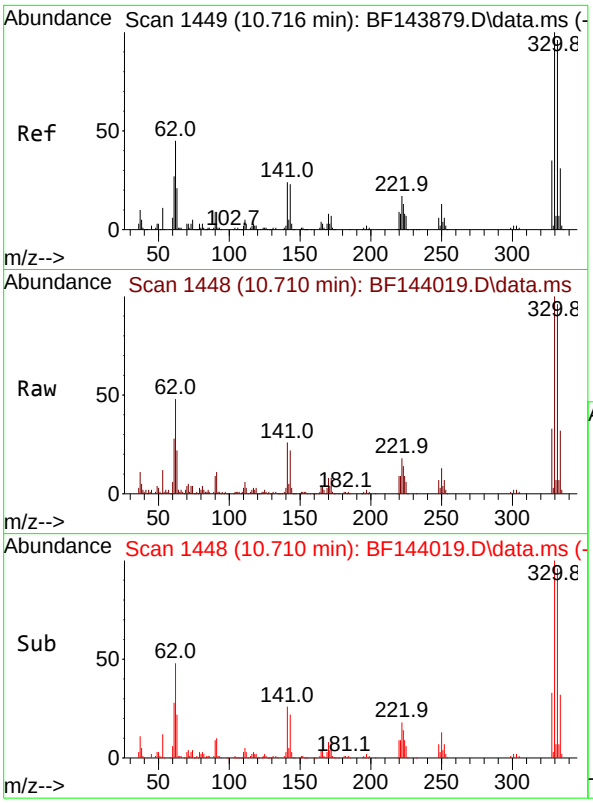


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BF144019.D
Acq: 21 Oct 2025 18:30

Tgt Ion:164 Resp: 205210

Ion	Ratio	Lower	Upper
164	100		
162	98.7	80.2	120.2
160	44.2	35.4	53.0



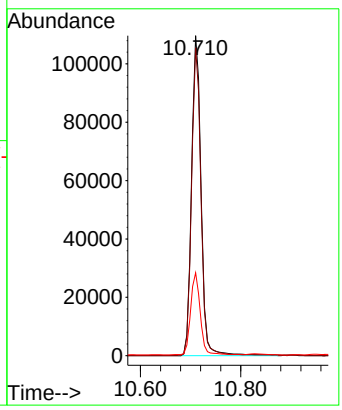


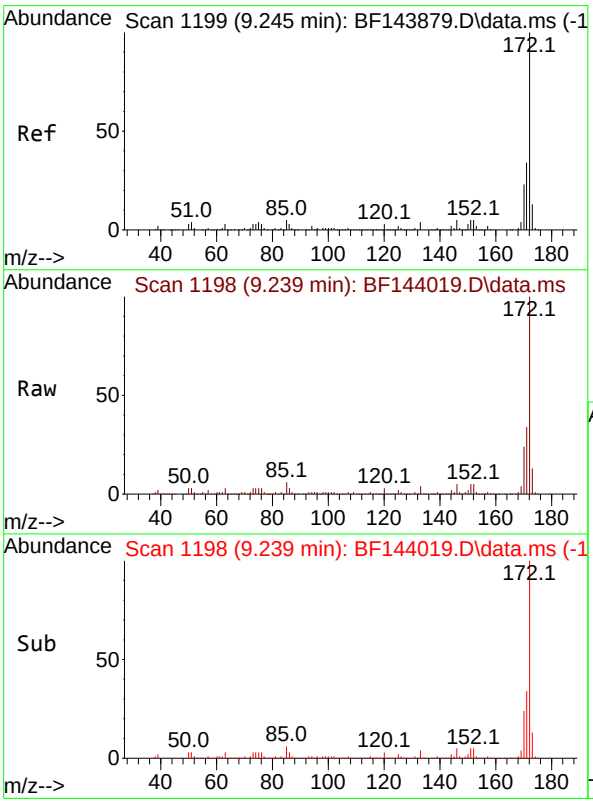
#42
2,4,6-Tribromophenol
Concen: 70.819 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF144019.D
Acq: 21 Oct 2025 18:30

Instrument :
BNA_F
ClientSampleId :
PR132-DP02-074099-20251016

Tgt Ion:330 Resp: 144750

Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.9	115.3
141	26.0	20.2	30.4

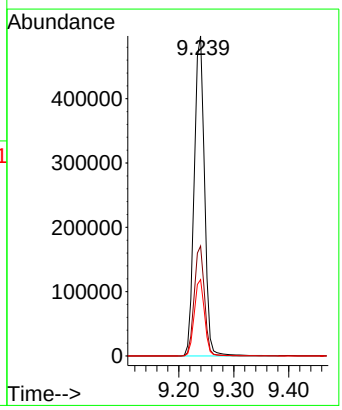


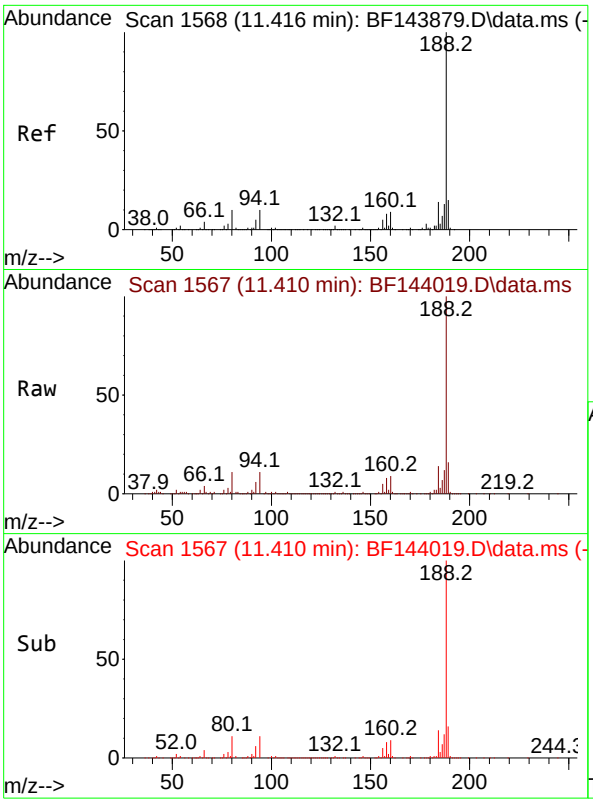


#45
2-Fluorobiphenyl
Concen: 50.251 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF144019.D
Acq: 21 Oct 2025 18:30

Tgt Ion:172 Resp: 649886

Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.4	41.0
170	23.9	18.6	28.0



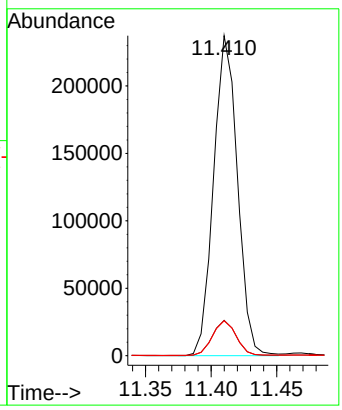


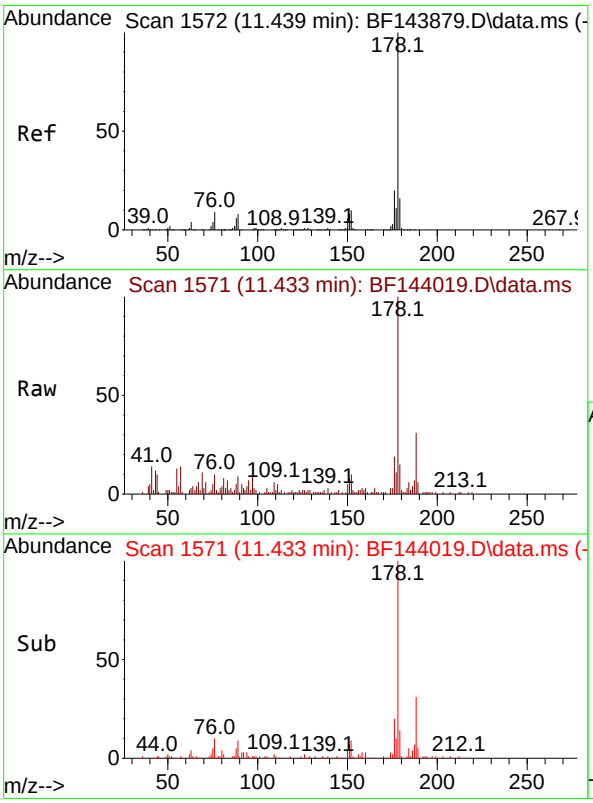
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144019.D
Acq: 21 Oct 2025 18:30

Instrument :
BNA_F
ClientSampleId :
PR132-DP02-074099-20251016

Tgt Ion:188 Resp: 299829

Ion	Ratio	Lower	Upper
188	100		
94	11.0	7.8	11.6
80	10.9	7.9	11.9

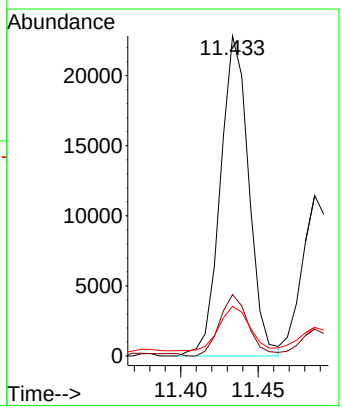


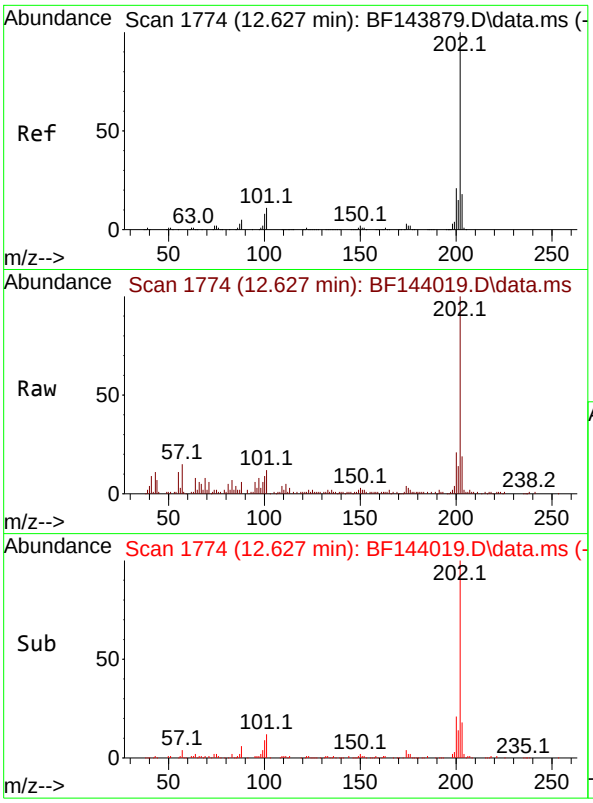


#71
Phenanthrene
Concen: 2.002 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.012 min
Lab File: BF144019.D
Acq: 21 Oct 2025 18:30

Tgt Ion:178 Resp: 29105

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.9	23.9
179	15.5	12.4	18.6



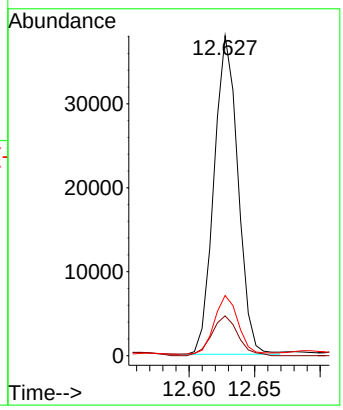


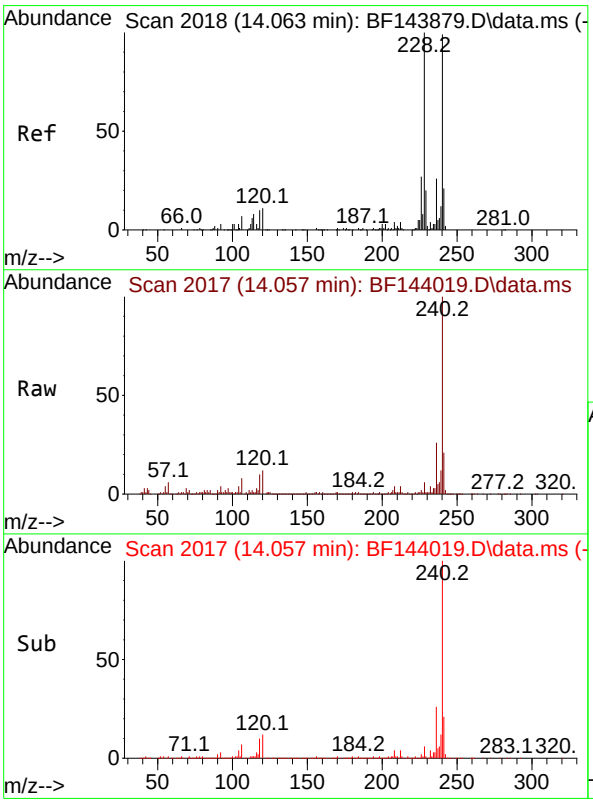
#75
Fluoranthene
Concen: 3.202 ng
RT: 12.627 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144019.D
Acq: 21 Oct 2025 18:30

Instrument :
BNA_F
ClientSampleId :
PR132-DP02-074099-20251016

Tgt Ion:202 Resp: 48071

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	30.7
203	18.8	0.0	37.8

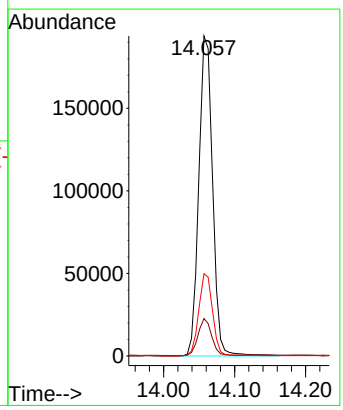


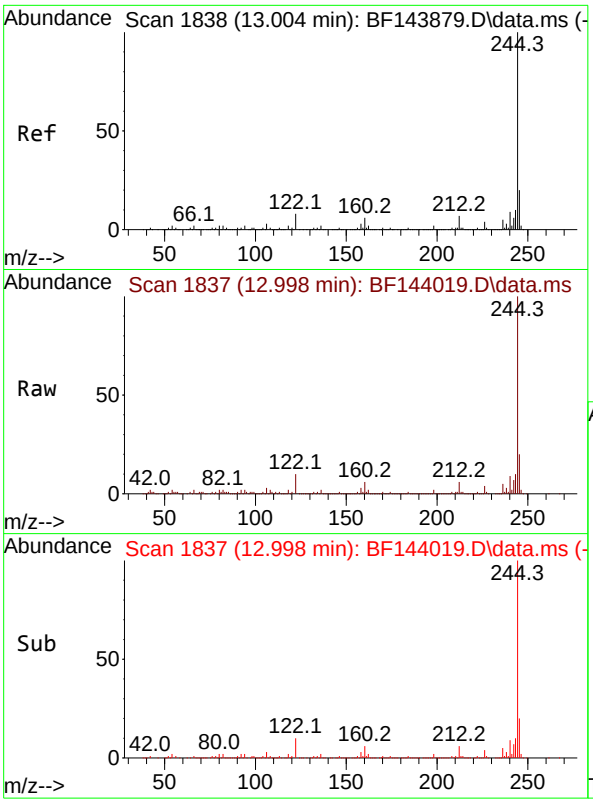


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.011 min
Lab File: BF144019.D
Acq: 21 Oct 2025 18:30

Tgt Ion:240 Resp: 262654

Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.6	13.0
236	25.7	21.1	31.7



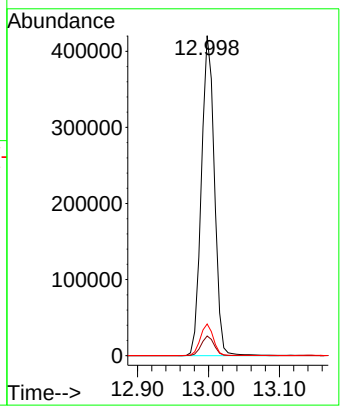


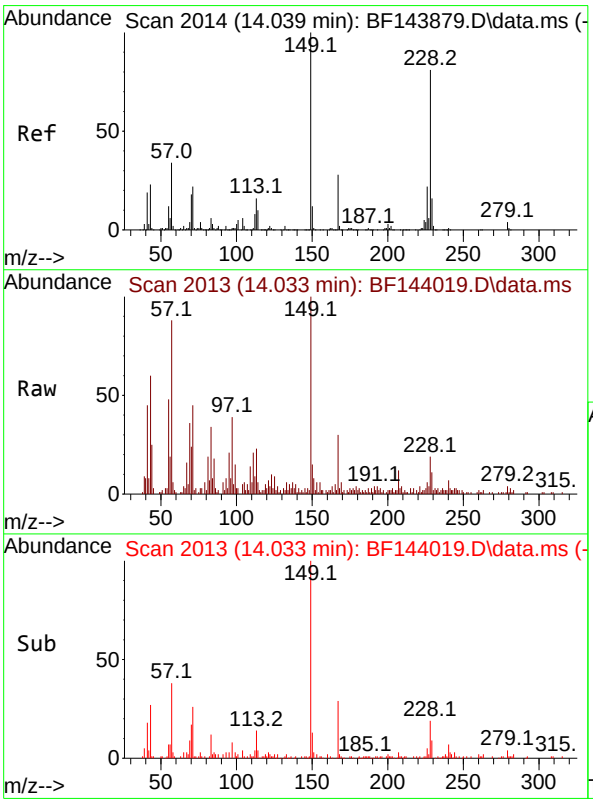
#79
Terphenyl-d14
Concen: 34.974 ng
RT: 12.998 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144019.D
Acq: 21 Oct 2025 18:30

Instrument :
BNA_F
ClientSampleId :
PR132-DP02-074099-20251016

Tgt Ion:244 Resp: 537489

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.4	8.0
122	9.9	6.4	9.6#

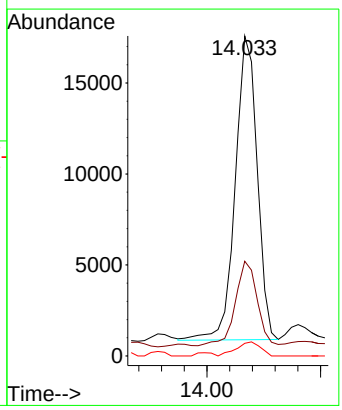


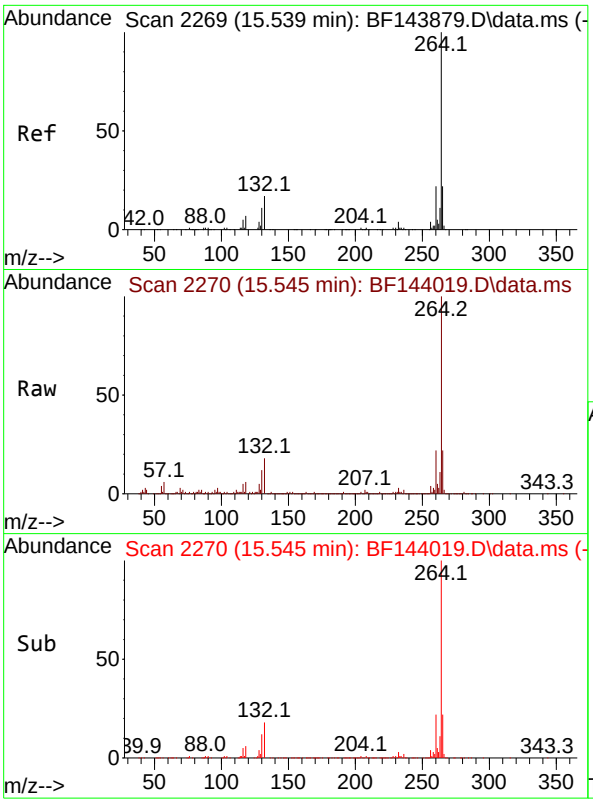


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.604 ng
RT: 14.033 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF144019.D
Acq: 21 Oct 2025 18:30

Tgt Ion:149 Resp: 22323

Ion	Ratio	Lower	Upper
149	100		
167	29.6	22.2	33.4
279	3.9	3.1	4.7



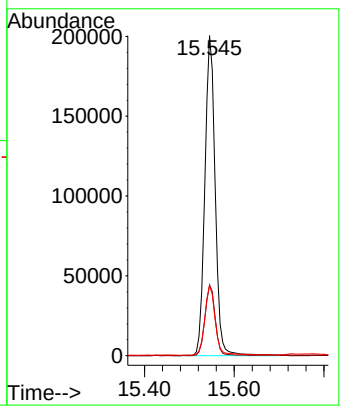


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF144019.D
Acq: 21 Oct 2025 18:30

Instrument :
BNA_F
ClientSampleId :
PR132-DP02-074099-20251016

Tgt Ion:264 Resp: 320945

Ion	Ratio	Lower	Upper
264	100		
260	22.2	17.8	26.8
265	21.9	17.5	26.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144019.D
Acq On : 21 Oct 2025 18:30
Operator : RC/JU
Sample : Q3375-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-DP02-074099-20251016

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_F\Methods\8270-BF100625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144019.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.104	491	495	504	rVB	29156	44965	2.09%	0.277%
2	5.499	556	562	574	rBV	1588880	2105148	97.65%	12.951%
3	6.504	727	733	749	rBV	1586494	2155900	100.00%	13.263%
4	6.704	763	767	776	rVB	20644	33841	1.57%	0.208%
5	6.787	776	781	788	rBV2	24374	42506	1.97%	0.261%
6	6.881	792	797	803	rVB	565919	705155	32.71%	4.338%
7	6.998	809	817	820	rBV4	14119	31043	1.44%	0.191%
8	7.151	838	843	848	rBV	18714	25714	1.19%	0.158%
9	7.440	881	892	901	rBV	944670	1251232	58.04%	7.697%
10	7.693	931	935	942	rVB4	18781	33022	1.53%	0.203%
11	8.163	1009	1015	1021	rBV	671273	864491	40.10%	5.318%
12	8.216	1021	1024	1028	rVB	20967	27011	1.25%	0.166%
13	8.375	1047	1051	1058	rVB4	13422	27041	1.25%	0.166%
14	8.581	1082	1086	1089	rBV	22916	31896	1.48%	0.196%
15	9.181	1185	1188	1192	rVB	29014	34751	1.61%	0.214%
16	9.239	1192	1198	1207	rBV	1344027	1755816	81.44%	10.802%
17	9.316	1207	1211	1216	rBV3	36707	51773	2.40%	0.319%
18	9.634	1260	1265	1269	rBV2	56742	83988	3.90%	0.517%
19	9.787	1287	1291	1294	rBV4	23494	32917	1.53%	0.203%
20	9.834	1295	1299	1306	rVV3	29901	52640	2.44%	0.324%
21	9.922	1308	1314	1318	rBV	656607	846328	39.26%	5.207%
22	10.334	1380	1384	1389	rBV3	22604	48319	2.24%	0.297%
23	10.569	1421	1424	1430	rVB2	22820	35373	1.64%	0.218%
24	10.634	1430	1435	1442	rVV	205738	256718	11.91%	1.579%
25	10.710	1443	1448	1463	rVV	786106	1049940	48.70%	6.459%
26	10.833	1465	1469	1476	rVB2	58300	94748	4.39%	0.583%
27	10.945	1484	1488	1492	rBV	37288	46877	2.17%	0.288%
28	11.298	1546	1548	1555	rVB3	29475	41613	1.93%	0.256%
29	11.410	1562	1567	1577	rBV	581068	827955	38.40%	5.093%
30	11.933	1652	1656	1664	rBV	143338	234483	10.88%	1.443%
31	12.627	1770	1774	1778	rBV	84996	107457	4.98%	0.661%
32	12.857	1809	1813	1818	rBV	68317	91716	4.25%	0.564%
33	12.998	1832	1837	1845	rBV	1057750	1362668	63.21%	8.383%
34	13.904	1988	1991	1999	rBV2	74874	131918	6.12%	0.812%
35	14.057	2010	2017	2030	rBV	531513	865905	40.16%	5.327%
36	15.545	2265	2270	2284	rVB	497951	822329	38.14%	5.059%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144019.D
Acq On : 21 Oct 2025 18:30
Operator : RC/JU
Sample : Q3375-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-DP02-074099-20251016

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_F\Methods\8270-BF100625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 16255197

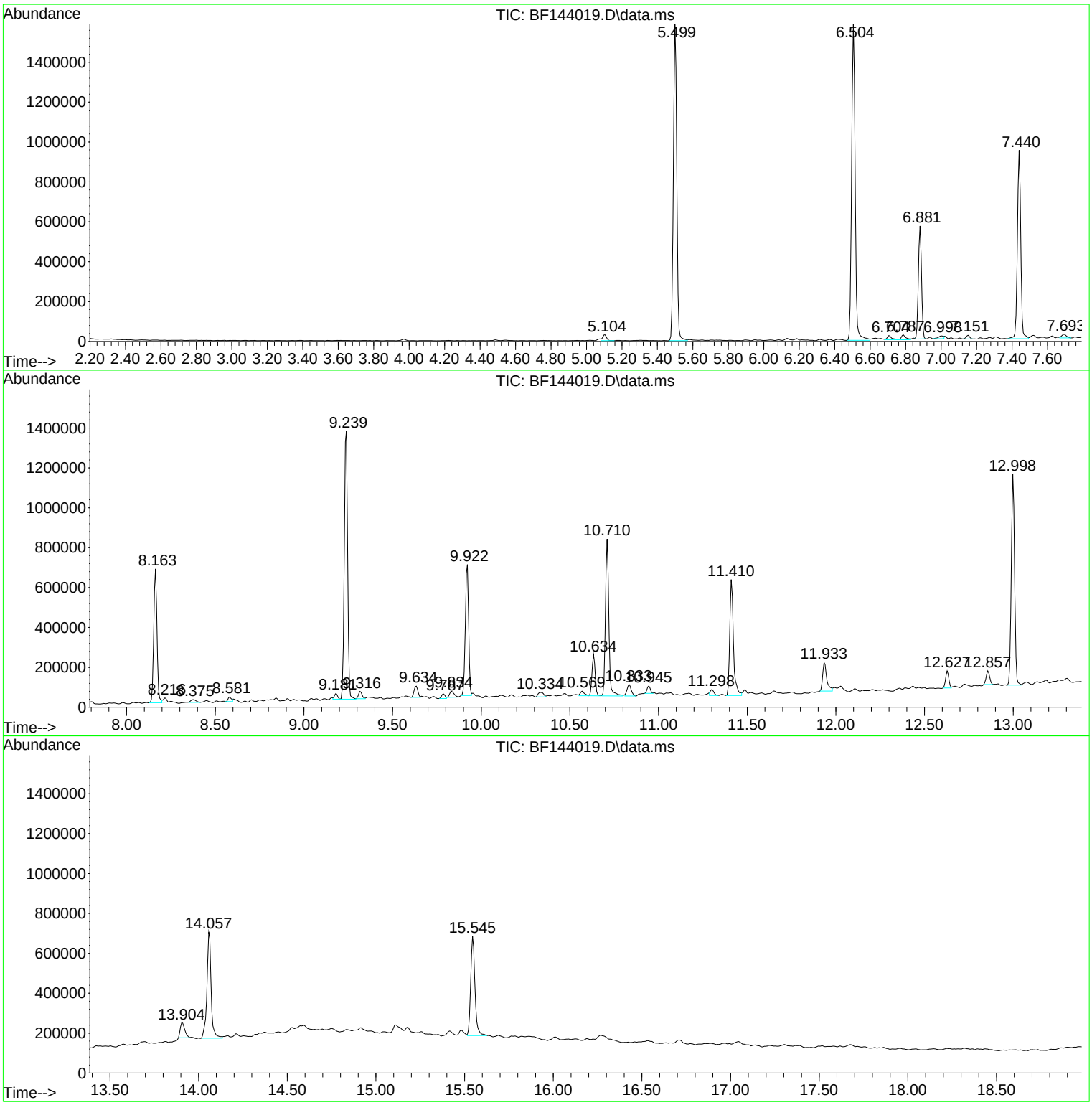
Sample Results: **BF144019.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144019.D
Acq On : 21 Oct 2025 18:30
Operator : RC/JU
Sample : Q3375-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-DP02-074099-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.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_F\Data\BF102125\
Data File : BF144019.D
Acq On : 21 Oct 2025 18:30
Operator : RC/JU
Sample : Q3375-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-DP02-074099-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

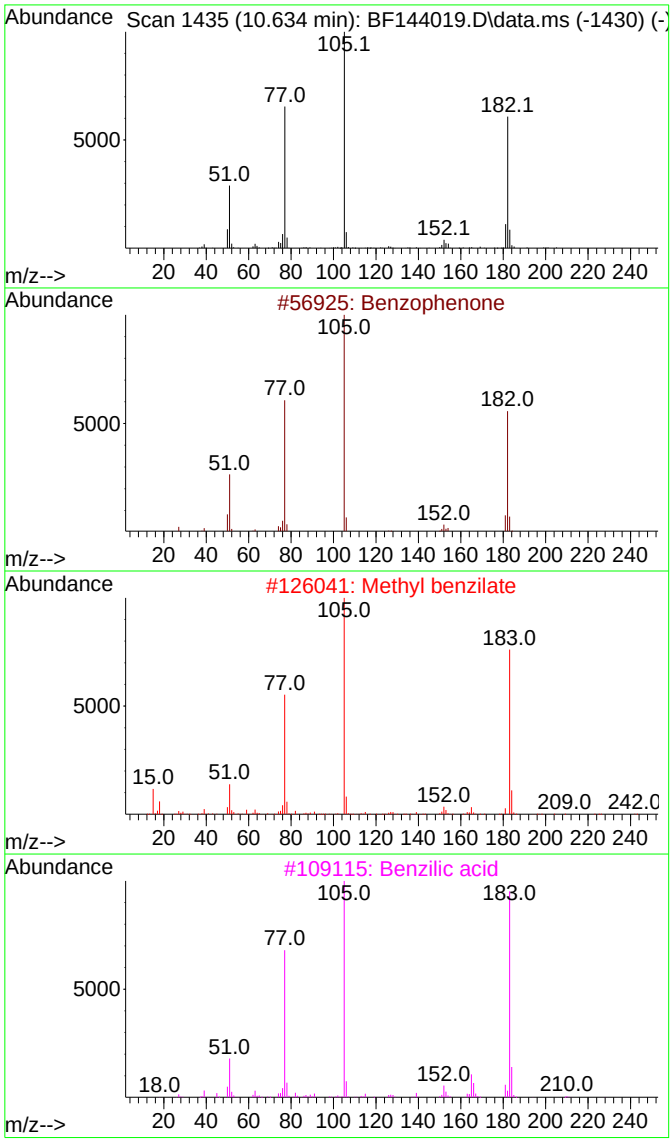
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TIC Integration Parameters: LSCINT.P

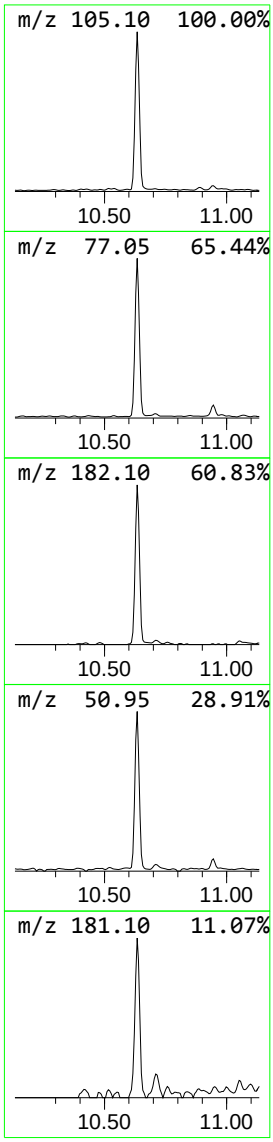
****

Peak Number 1 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.634	6.07 ng	256718	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Methyl benzilate	242	C15H14O3	000076-89-1	47
3	Benzilic acid	228	C14H12O3	000076-93-7	47
4	1,2,4-Triazine-3,5(2H,4H)-dione,...	249	C10H7N3O3S	024168-34-1	47
5	Benzenebutanoic acid, .gamma.-ox...	192	C11H12O3	025333-24-8	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144019.D
Acq On : 21 Oct 2025 18:30
Operator : RC/JU
Sample : Q3375-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-DP02-074099-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

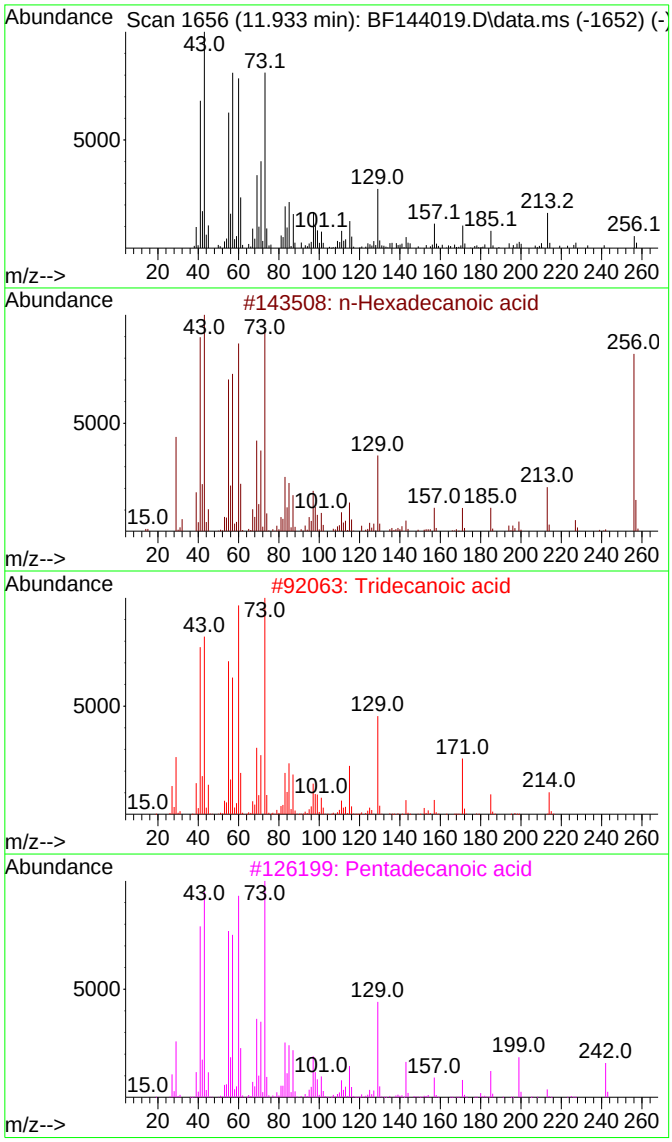
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

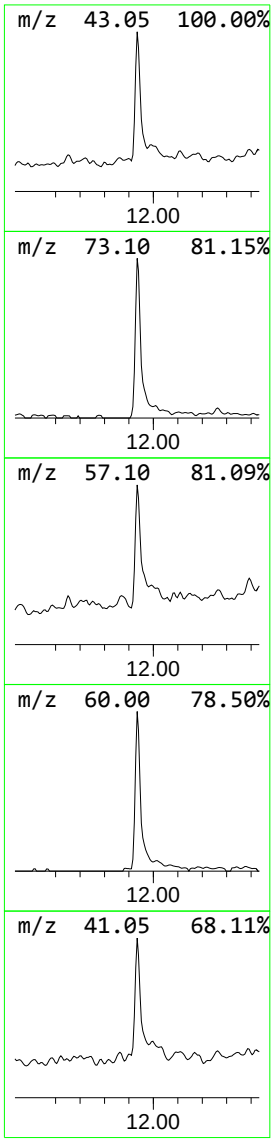
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	5.66 ng	234483	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Dodecanoic acid	200	C12H24O2	000143-07-7	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144019.D
Acq On : 21 Oct 2025 18:30
Operator : RC/JU
Sample : Q3375-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-DP02-074099-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

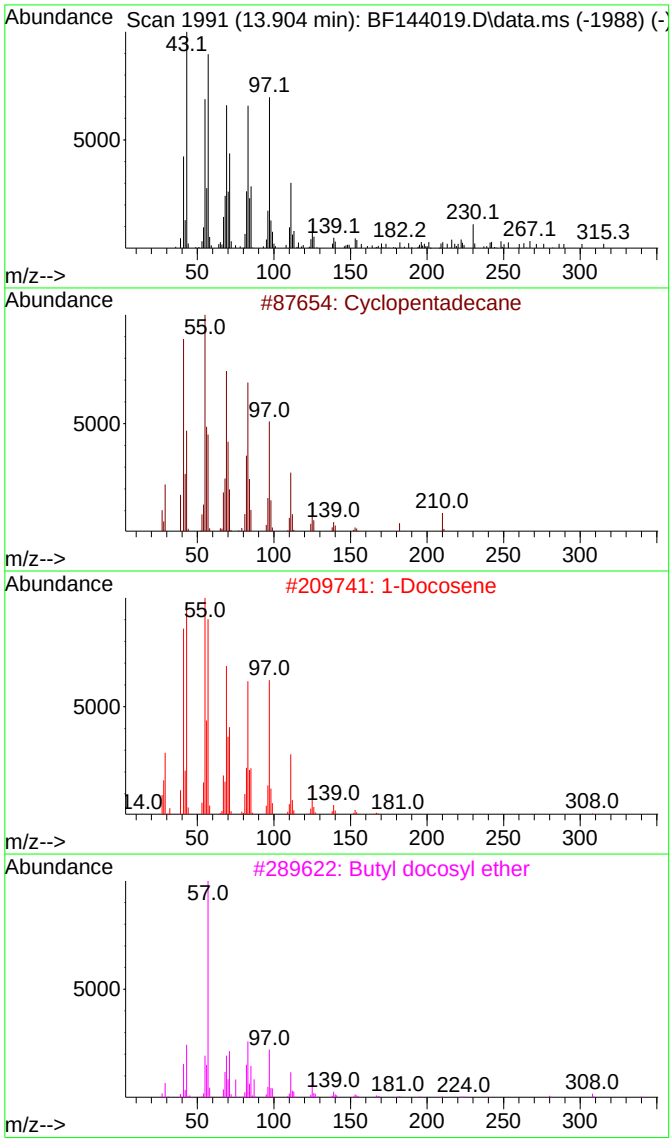
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

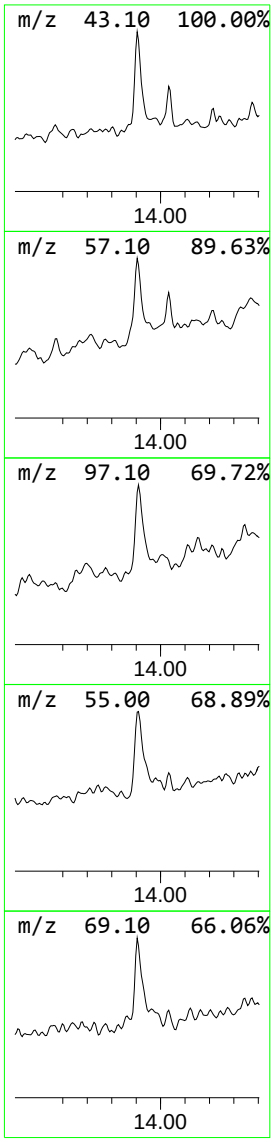
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Peak Number 5 Cyclopentadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	3.05 ng	131918	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	95
2	1-Docosene	308	C22H44	001599-67-3	87
3	Butyl docosyl ether	382	C26H54O	1000406-40-8	83
4	1-Hexacosanol	382	C26H54O	000506-52-5	81
5	Behenic alcohol	326	C22H46O	000661-19-8	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144019.D
Acq On : 21 Oct 2025 18:30
Operator : RC/JU
Sample : Q3375-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-DP02-074099-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.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	10.634	6.1	ng	256718	3	9.922	846328	20.0
n-Hexadecanoic ...	11.933	5.7	ng	234483	4	11.410	827955	20.0
Cyclopentadecane	13.904	3.0	ng	131918	5	14.057	865905	20.0

CALIBRATION SUMMARY

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF100625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Oct 06 15:29:47 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF143875.D 5 =BF143876.D 10 =BF143877.D 20 =BF143878.D 40 =BF143879.D 50 =BF143880.D 60 =BF143881.D 80 =BF1438
82.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		1,4-Dioxane		0.614	0.595	0.597	0.609	0.544	0.576	0.544	0.583	4.96
3)		Pyridine		1.691	1.672	1.749	1.772	1.668	1.680	1.644	1.697	2.74
4)		n-Nitrosodimet...			0.825	0.895	0.909	0.917	0.909	0.900	0.893	3.81
5)	S	2-Fluorophenol		1.378	1.349	1.352	1.307	1.173	1.177	1.079	1.259	9.15
6)		Aniline		2.400	2.327	2.361	2.343	2.185	2.134	1.997	2.250	6.58
7)	S	Phenol-d6		1.626	1.631	1.601	1.542	1.404	1.387	1.317	1.501	8.62
8)		2-Chlorophenol		1.324	1.229	1.274	1.294	1.201	1.182	1.113	1.231	5.90
9)		Benzaldehyde			1.115	1.026	1.329	1.198	1.390	0.890	1.158	16.18
10)	C	Phenol		1.934	1.814	1.889	1.841	1.756	1.739	1.589	1.795	6.33
11)		bis(2-Chloroet...		1.487	1.457	1.467	1.446	1.308	1.302	1.238	1.386	7.25
12)		1,3-Dichlorobe...		1.742	1.591	1.589	1.516	1.336	1.327	1.215	1.474	12.64
13)	C	1,4-Dichlorobe...		1.653	1.606	1.567	1.499	1.326	1.340	1.185	1.454	11.88
14)		1,2-Dichlorobe...		1.581	1.507	1.501	1.434	1.283	1.288	1.153	1.392	11.06
15)		Benzyl Alcohol			1.118	1.138	1.173	1.134	1.104	1.082	1.125	2.79
16)		2,2'-oxybis(1-...		3.520	3.385	3.273	3.239	3.008	2.945	2.720	3.156	8.79
17)		2-Methylphenol		1.064	1.057	1.049	1.054	0.985	0.986	0.927	1.017	5.10
18)		Hexachloroethane		0.533	0.508	0.515	0.501	0.456	0.464	0.417	0.485	8.39
19)	P	n-Nitroso-di-n...	1.052	1.135	1.134	1.054	1.026	0.970	0.938	0.912	1.028	8.13
20)		3+4-Methylphenols			1.401	1.342	1.266	1.067	1.068	0.933	1.179	15.58
21)	I	Naphthalene-d8	----------ISTD----------									
22)		Acetophenone		0.515	0.461	0.462	0.433	0.374	0.375	0.340	0.423	14.67
23)	S	Nitrobenzene-d5		0.325	0.333	0.347	0.345	0.323	0.325	0.307	0.329	4.19
24)		Nitrobenzene		0.369	0.349	0.389	0.391	0.352	0.365	0.342	0.366	5.26
25)		Isophorone		0.754	0.708	0.708	0.705	0.665	0.663	0.656	0.694	5.04
26)	C	2-Nitrophenol		0.121	0.133	0.163	0.174	0.167	0.173	0.166	0.157	13.39
27)		2,4-Dimethylph...		0.287	0.288	0.292	0.295	0.271	0.278	0.264	0.282	4.08
28)		bis(2-Chloroet...		0.510	0.474	0.463	0.444	0.398	0.401	0.380	0.438	10.79
29)	C	2,4-Dichloroph...		0.317	0.292	0.313	0.307	0.280	0.282	0.265	0.294	6.54
30)		1,2,4-Trichlor...		0.331	0.299	0.307	0.298	0.266	0.272	0.249	0.289	9.57
31)		Naphthalene		1.103	0.996	0.972	0.932	0.817	0.817	0.732	0.910	14.06
32)		Benzoic acid			0.131	0.173	0.200	0.216	0.222	0.228	0.195	18.95
33)		4-Chloroaniline		0.368	0.370	0.357	0.355	0.319	0.321	0.298	0.341	8.20
34)	C	Hexachlorobuta...		0.231	0.214	0.210	0.207	0.183	0.187	0.173	0.201	10.11
35)		Caprolactam			0.092	0.091	0.095	0.094	0.093	0.094	0.093	1.59
36)	C	4-Chloro-3-met...		0.301	0.302	0.289	0.287	0.269	0.270	0.256	0.282	6.27
37)		2-Methylnaphth...		0.742	0.683	0.654	0.616	0.527	0.533	0.487	0.606	15.46
38)		1-Methylnaphth...		0.719	0.656	0.629	0.605	0.517	0.523	0.465	0.588	15.23

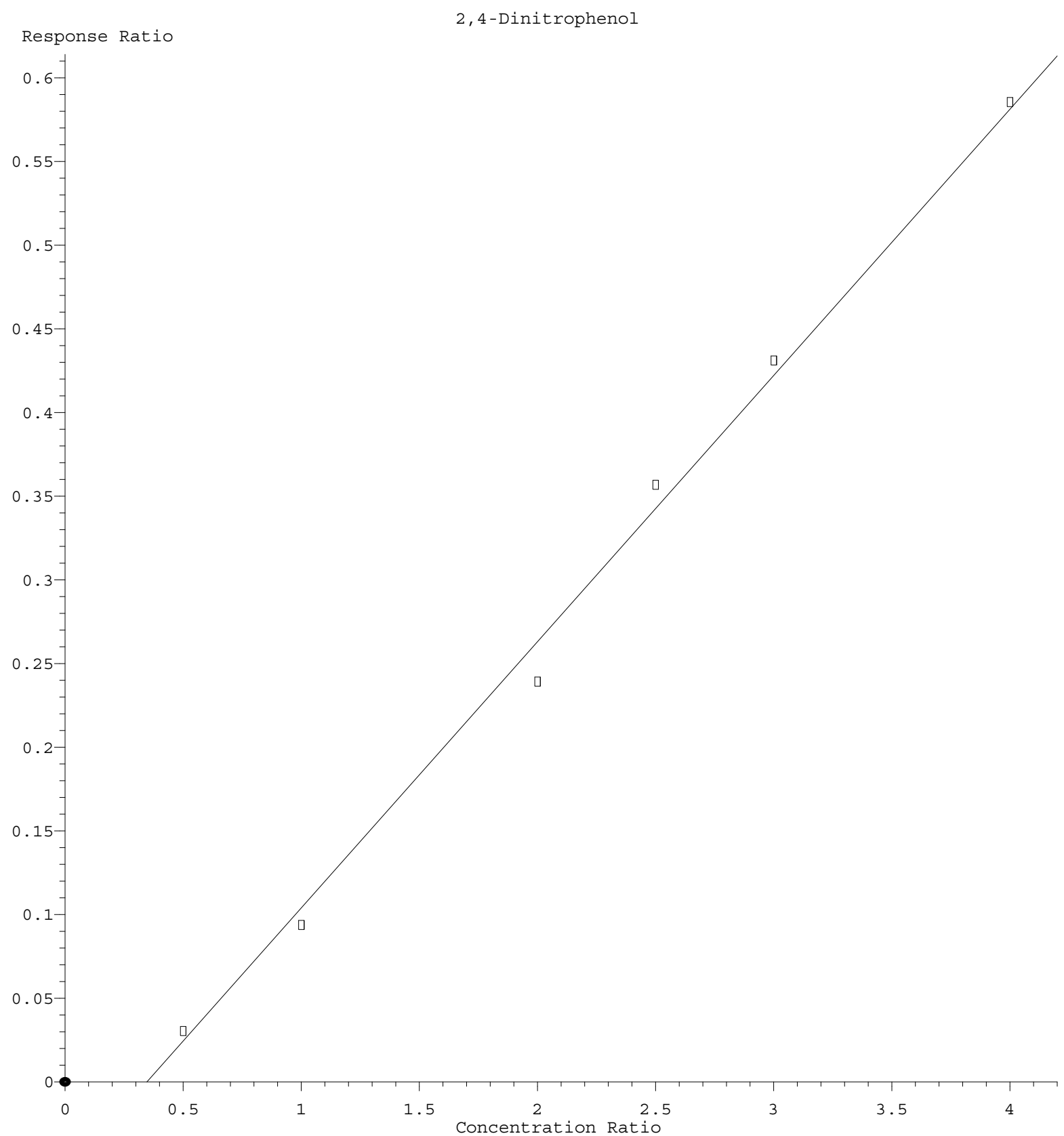
Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF100625.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.610	0.592	0.595	0.590	0.500	0.519	0.464	0.553	10.38
41)	P	Hexachlorocycl...		0.182	0.216	0.257	0.246	0.240	0.235	0.229	11.77
42)	S	2,4,6-Tribromo...	0.194	0.192	0.210	0.207	0.198	0.200	0.193	0.199	3.51
43)	C	2,4,6-Trichlor...	0.408	0.394	0.426	0.445	0.383	0.395	0.376	0.404	6.07
44)		2,4,5-Trichlor...	0.443	0.444	0.460	0.456	0.401	0.403	0.380	0.427	7.34
45)	S	2-Fluorobiphenyl	1.568	1.424	1.335	1.224	0.984	1.028		1.260	18.04
46)		1,1'-Biphenyl	1.617	1.476	1.448	1.374	1.134	1.171	1.050	1.324	15.77
47)		2-Chloronaphth...	1.294	1.196	1.197	1.137	0.988	1.003	0.913	1.104	12.50
48)		2-Nitroaniline	0.293	0.322	0.371	0.392	0.354	0.365	0.348	0.349	9.43
49)		Acenaphthylene	1.797	1.701	1.648	1.623	1.386	1.426	1.284	1.552	12.11
50)		Dimethylphthalate	1.442	1.351	1.334	1.291	1.166	1.202	1.105	1.270	9.29
51)		2,6-Dinitrotol...	0.201	0.204	0.245	0.262	0.250	0.250	0.237	0.236	10.13
52)	C	Acenaphthene	1.177	1.115	1.096	1.052	0.897	0.934	0.847	1.017	12.21
53)		3-Nitroaniline	0.256	0.270	0.306	0.306	0.296	0.298	0.286	0.288	6.59
54)	P	2,4-Dinitrophenol		0.061	0.094	0.120	0.143	0.144	0.146	0.118	29.25
55)		Dibenzofuran	1.680	1.608	1.572	1.494	1.253	1.295	1.149	1.436	14.13
56)	P	4-Nitrophenol		0.173	0.215	0.234	0.230	0.228	0.230	0.218	10.55
57)		2,4-Dinitrotol...	0.252	0.284	0.341	0.365	0.335	0.346	0.320	0.320	12.30
58)		Fluorene	1.393	1.266	1.173	1.097	0.897	0.922	0.835	1.083	19.21
59)		2,3,4,6-Tetrac...	0.276	0.303	0.315	0.325	0.300	0.309	0.288	0.302	5.49
60)		Diethylphthalate	1.319	1.281	1.273	1.222	1.070	1.105	0.989	1.180	10.62
61)		4-Chlorophenyl...	0.689	0.662	0.626	0.596	0.485	0.505	0.446	0.573	16.43
62)		4-Nitroaniline	0.257	0.259	0.285	0.292	0.287	0.288	0.274	0.277	5.25
63)		Azobenzene	1.387	1.331	1.308	1.280	1.114	1.156	1.055	1.233	10.10
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.065	0.092	0.111	0.112	0.114	0.110	0.101	19.26
66)	c	n-Nitrosodiphe...	0.712	0.683	0.675	0.656	0.560	0.584	0.527	0.628	11.22
67)		4-Bromophenyl-...	0.247	0.234	0.231	0.231	0.201	0.207	0.196	0.221	8.74
68)		Hexachlorobenzene	0.277	0.268	0.263	0.267	0.242	0.245	0.231	0.256	6.59
69)		Atrazine	0.197	0.206	0.213	0.195	0.184	0.177	0.161	0.190	9.44
70)	C	Pentachlorophenol		0.117	0.152	0.157	0.154	0.154	0.147	0.147	10.10
71)		Phenanthrene	1.164	1.092	1.066	0.976	0.842	0.872	0.775	0.970	14.94
72)		Anthracene	1.161	1.097	1.057	1.025	0.854	0.881	0.781	0.980	14.43
73)		Carbazole	1.015	0.962	0.939	0.884	0.766	0.804	0.703	0.868	13.10
74)		Di-n-butylphth...	1.089	1.094	1.108	1.053	0.910	0.954	0.830	1.005	10.76
75)	C	Fluoranthene	1.156	1.153	1.094	1.032	0.876	0.910	0.789	1.002	14.43
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.701	0.719	0.761	0.651	0.640		0.694	7.16
78)		Pyrene	1.838	1.663	1.769	1.863	1.541	1.578	1.420	1.667	9.87
79)	S	Terphenyl-d14	1.301	1.209	1.271	1.279	1.066	1.080	0.984	1.170	10.70
80)		Butylbenzylpht...	0.466	0.503	0.579	0.620	0.545	0.553	0.524	0.542	9.31
81)		Benzo(a)anthra...	1.342	1.347	1.354	1.398	1.232	1.291	1.198	1.309	5.49
82)		3,3'-Dichlorob...		0.364	0.403	0.440	0.401	0.404	0.381	0.399	6.41
83)		Chrysene	1.373	1.188	1.267	1.294	1.116	1.126	1.115	1.211	8.41
84)		Bis(2-ethylhex...	0.591	0.619	0.687	0.739	0.642	0.672	0.619	0.653	7.70
85)	c	Di-n-octyl pht...		0.837	1.009	1.194	1.108	1.151	1.133	1.072	12.19

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF100625.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.114	1.104	1.222	1.393	1.235	1.263	1.248	1.225	7.97
88)		Benzo(b)fluora...	1.207	1.138	1.131	1.269	1.095	1.202	1.000	1.149	7.63
89)		Benzo(k)fluora...	1.138	1.173	1.228	1.108	0.923	0.921	0.951	1.063	12.11
90)	C	Benzo(a)pyrene	1.000	1.006	1.037	1.102	0.936	0.970	0.923	0.996	6.17
91)		Dibenzo(a,h)an...	0.888	0.915	1.015	1.128	0.975	1.007	0.972	0.986	7.89
92)		Benzo(g,h,i)pe...	0.889	0.888	0.983	1.117	0.991	1.018	1.014	0.986	8.08

(#) = Out of Range



Response = 1.591e-001 * Amt - 5.521e-002
Coef of Det (r^2) = 0.995474 Curve Fit: wlr(1/a)
Method: Q337SVOC-TCL BNA-20 C:\HPCHEM\1\BNA F\Methods\8270-BF100625.M
Calibration Table Last Updated: Mon Oct 06 15:29:47 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143875.D
Acq On : 06 Oct 2025 09:59
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Oct 06 15:37:50 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

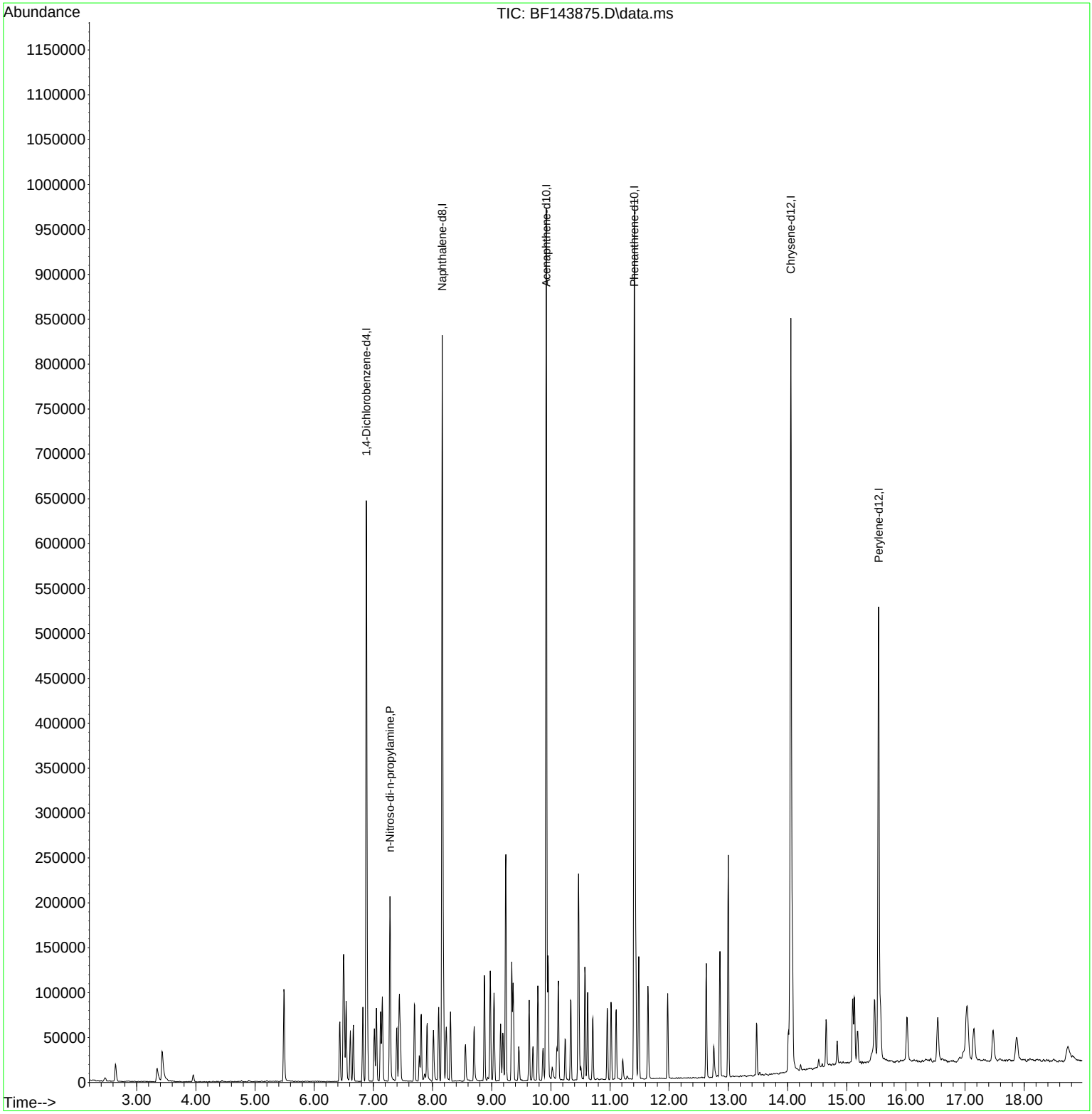
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	128129	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	501174	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	285618	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	520523	20.000	ng	0.00
76) Chrysene-d12	14.057	240	373433	20.000	ng	-0.01
86) Perylene-d12	15.539	264	316147	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...	7.281	70	16847	2.559	ng	98

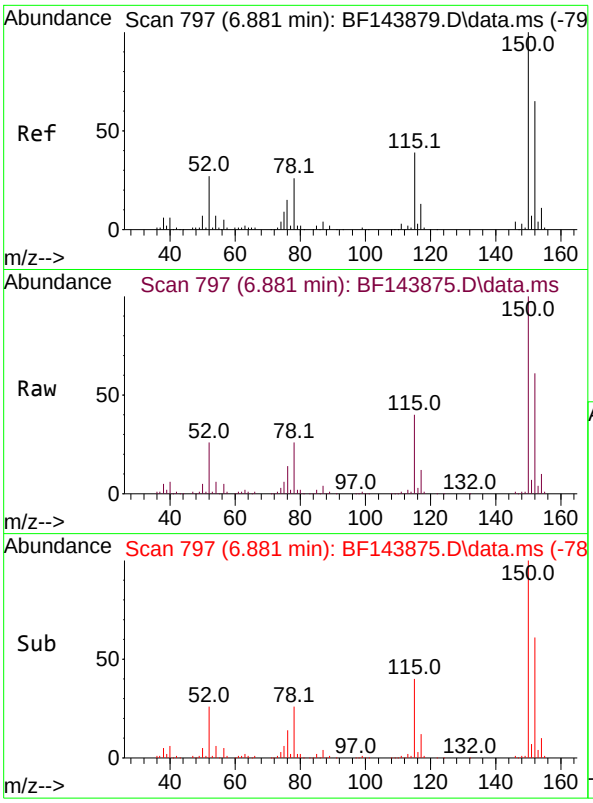
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143875.D
Acq On : 06 Oct 2025 09:59
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Oct 06 15:37:50 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



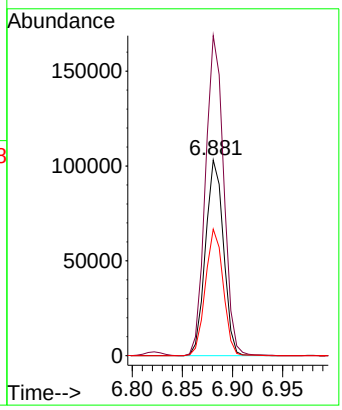


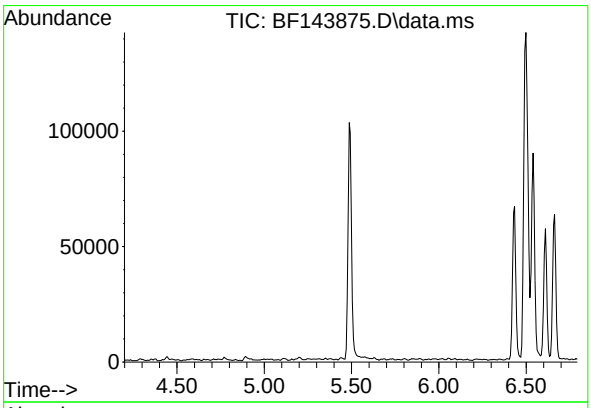
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143875.D
Acq: 06 Oct 2025 09:59

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:152 Resp: 128129

Ion	Ratio	Lower	Upper
152	100		
150	163.6	124.4	186.6
115	64.7	48.1	72.1



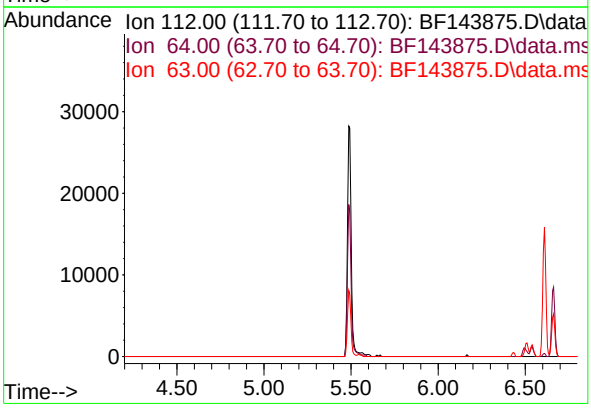


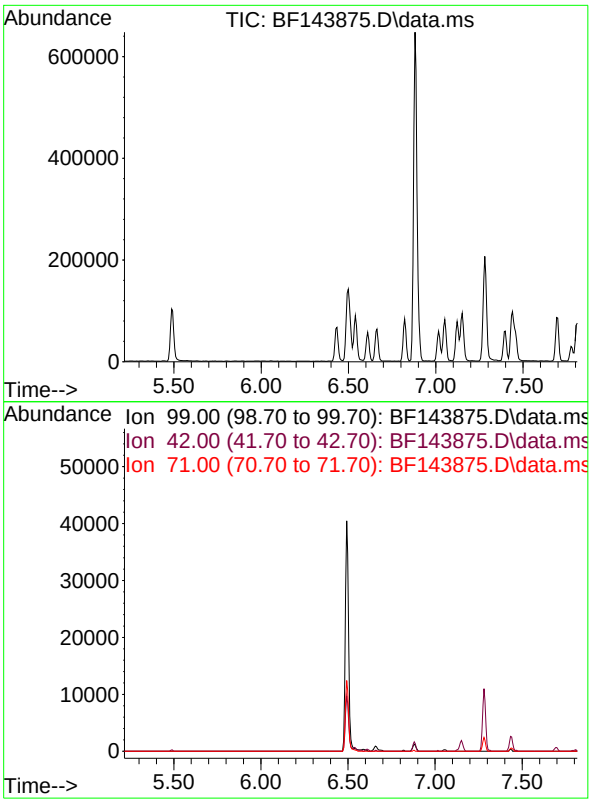
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.50 min

Lab File: BF143875.D
Acq: 06 Oct 2025 09:59

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	61.4
63	30.6





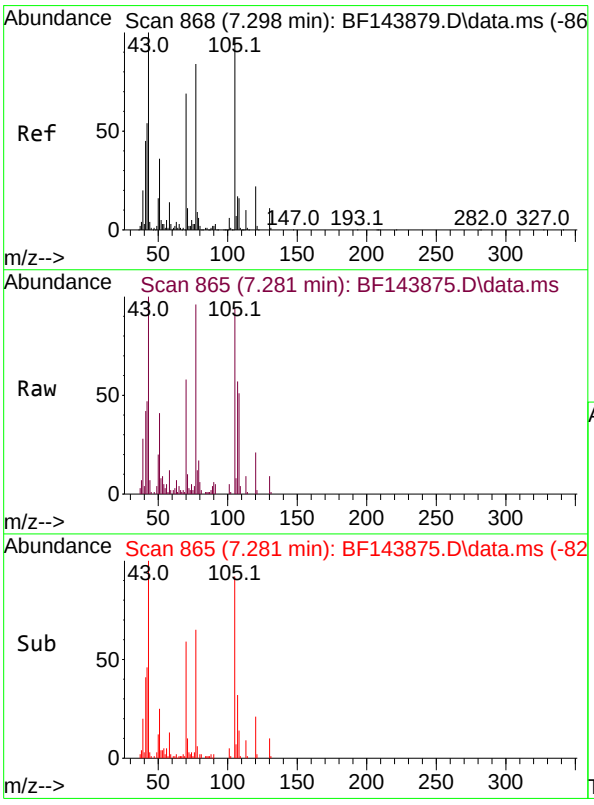
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.52 min

Lab File: BF143875.D
Acq: 06 Oct 2025 09:59

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion: 99

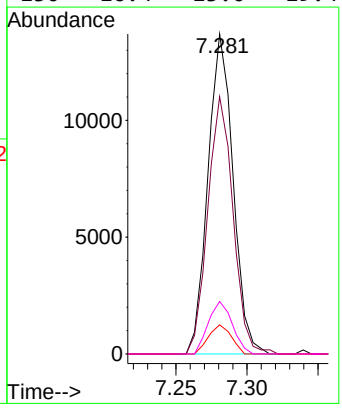
Sig	Exp Ratio
99	100
42	26.2
71	34.8

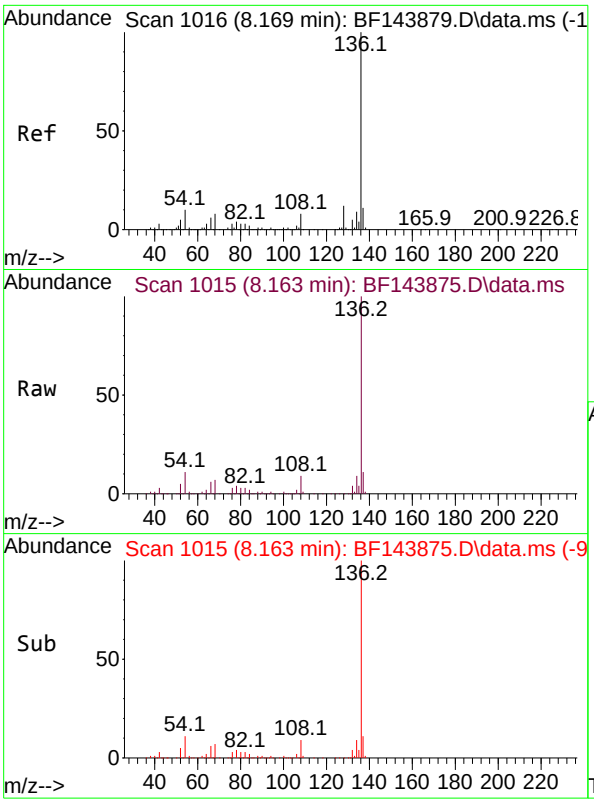


#19
n-Nitroso-di-n-propylamine
Concen: 2.559 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.035 min
Lab File: BF143875.D
Acq: 06 Oct 2025 09:59

Tgt Ion: 70 Resp: 16847

Ion	Ratio	Lower	Upper
70	100		
42	80.4	62.8	94.2
101	9.1	6.7	10.1
130	16.4	13.0	19.4



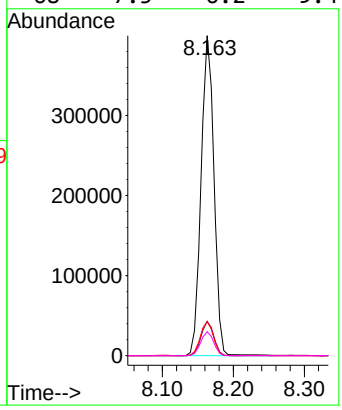


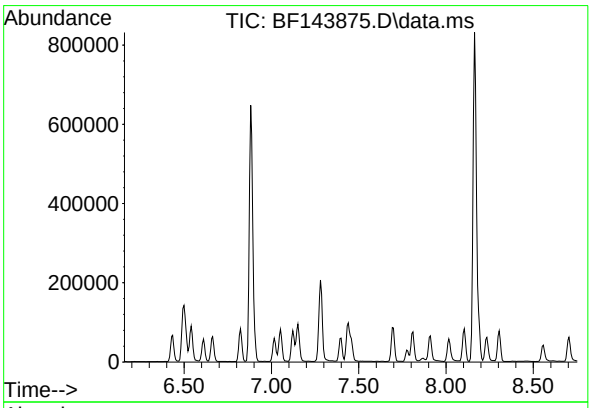
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143875.D
Acq: 06 Oct 2025 09:59

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 501174

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	10.7	8.2	12.4
68	7.5	6.2	9.4



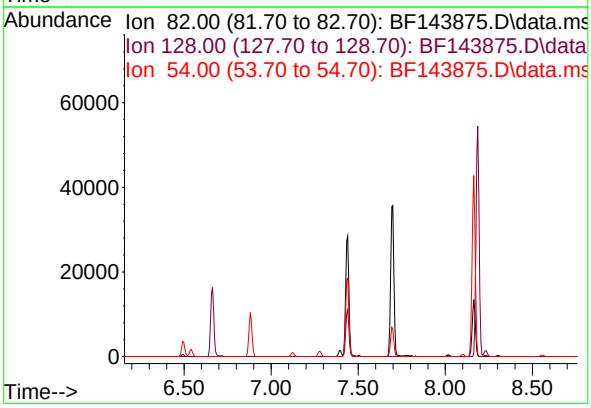


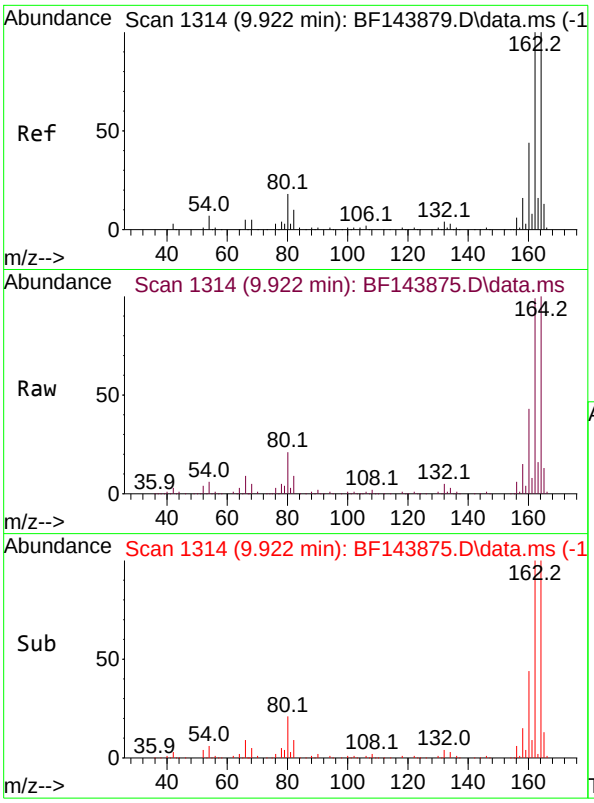
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 7.46 min

Lab File: BF143875.D
Acq: 06 Oct 2025 09:59

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	42.5
54	66.5



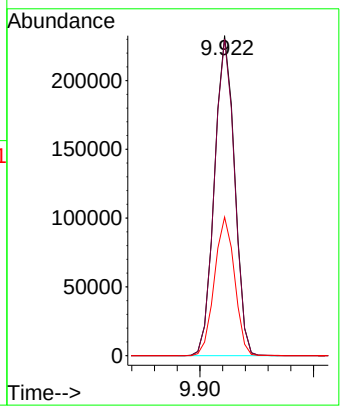


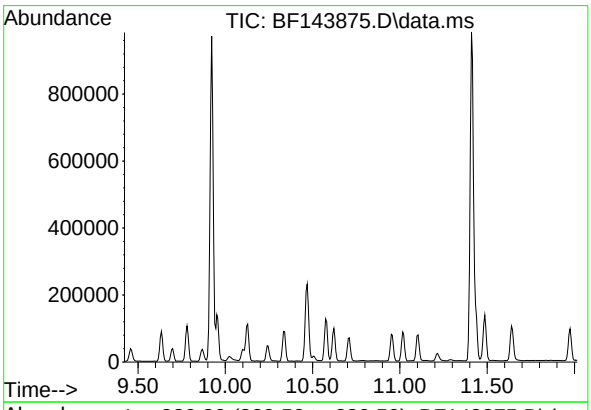
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1
Delta R.T. -0.005 min
Lab File: BF143875.D
Acq: 06 Oct 2025 09:59

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 285618

Ion	Ratio	Lower	Upper
164	100		
162	98.9	80.2	120.2
160	43.3	35.4	53.0



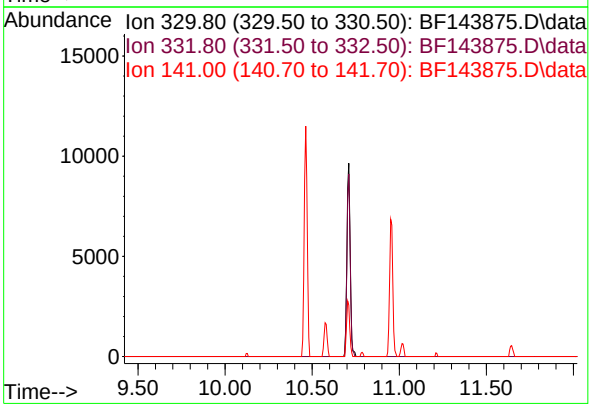


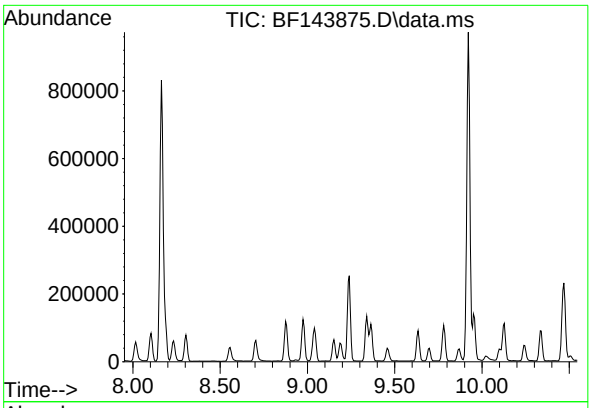
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.72 min

Lab File: BF143875.D
Acq: 06 Oct 2025 09:59

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.1
141	25.3





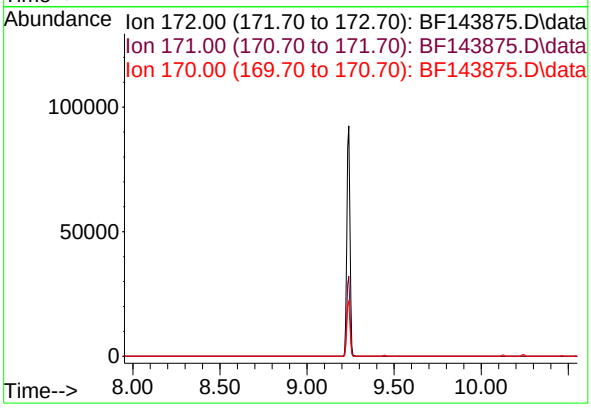
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 9.25 min

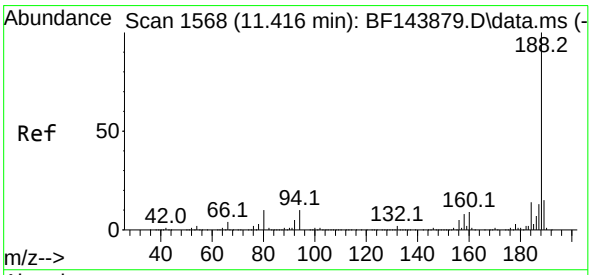
Lab File: BF143875.D
Acq: 06 Oct 2025 09:59

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

Sig	Exp Ratio
172	100
171	34.2
170	23.3

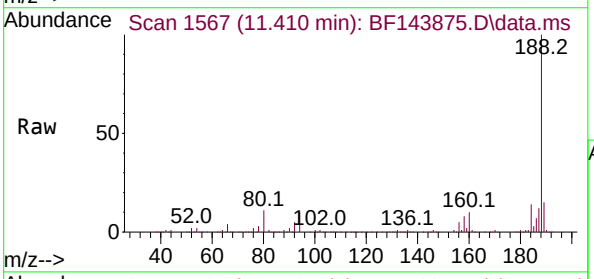


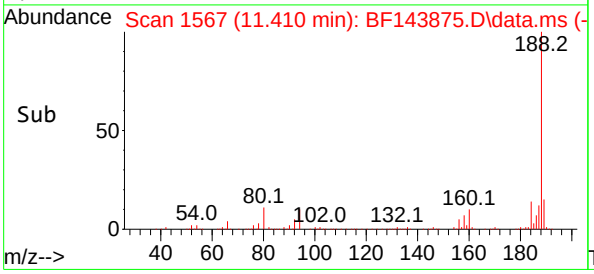


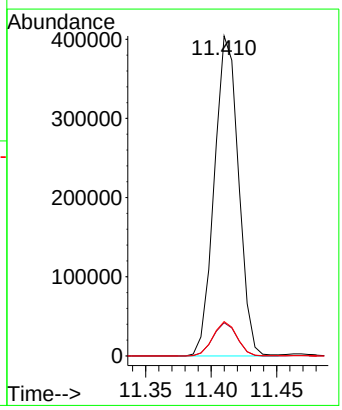
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF143875.D
Acq: 06 Oct 2025 09:59

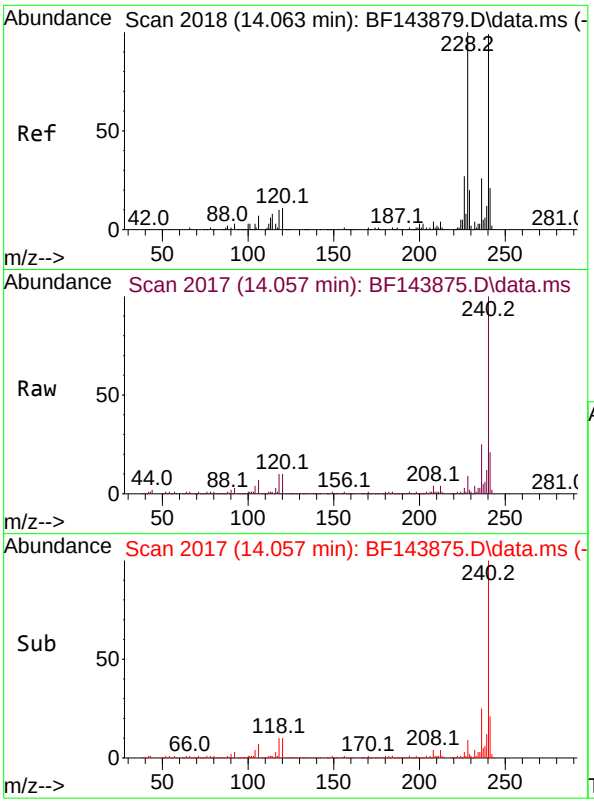
Tgt Ion:188 Resp: 520523

Ion	Ratio	Lower	Upper
188	100		
94	10.4	7.8	11.6
80	10.7	7.9	11.9







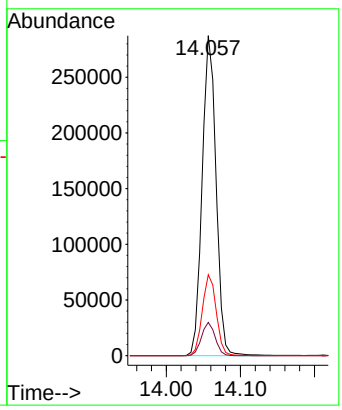


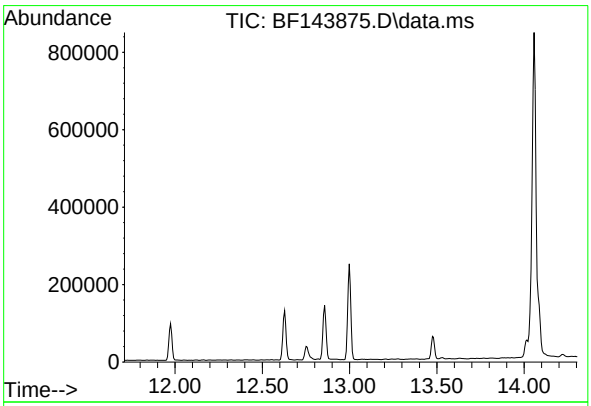
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2(
Delta R.T. -0.011 min
Lab File: BF143875.D
Acq: 06 Oct 2025 09:59

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:240 Resp: 373433

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.6	13.0
236	25.3	21.1	31.7



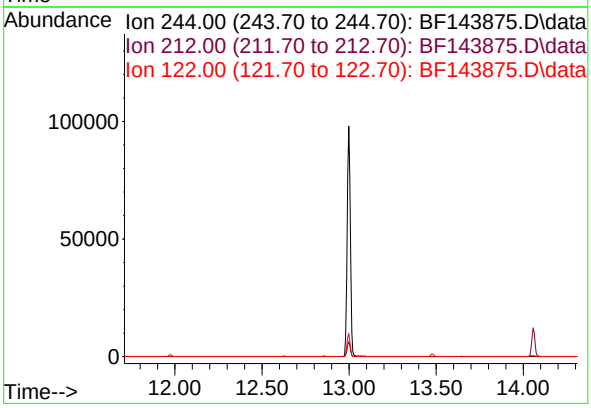


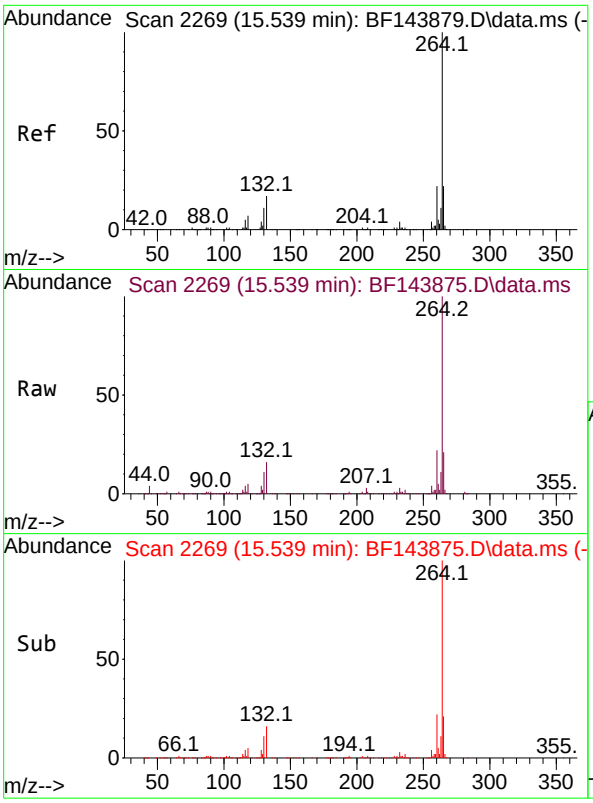
#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 13.01 min

Lab File: BF143875.D
Acq: 06 Oct 2025 09:59

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	6.7
122	8.0



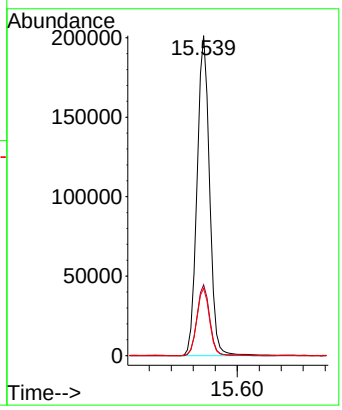


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143875.D
Acq: 06 Oct 2025 09:59

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 316147

Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.8	26.8
265	21.0	17.5	26.3



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

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

Quant Time: Oct 06 16:14:06 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
6) Aniline	6.540	93	82563	5.335	ng	99
8) 2-Chlorophenol	6.663	128	45534	5.376	ng	96
10) Phenol	6.510	94	66523m	5.388	ng	
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
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
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
33) 4-Chloroaniline	8.234	127	48181	5.388	ng	97
34) Hexachlorobutadiene	8.304	225	30246	5.751	ng	99
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
43) 2,4,6-Trichlorophenol	9.151	196	30908	5.047	ng	98
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

ICAL Form

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

Quant Time: Oct 06 16:14:06 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

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) Acenaphthene	9.951	154	89242	5.787	ng		98
53) 3-Nitroaniline	9.869	138	19400	4.437	ng	#	97
55) Dibenzofuran	10.128	168	127374	5.852	ng		99
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
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
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
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
83) Chrysene	14.080	228	130450	5.669	ng		99
84) Bis(2-ethylhexyl)phtha...	14.039	149	56165	4.529	ng		99
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

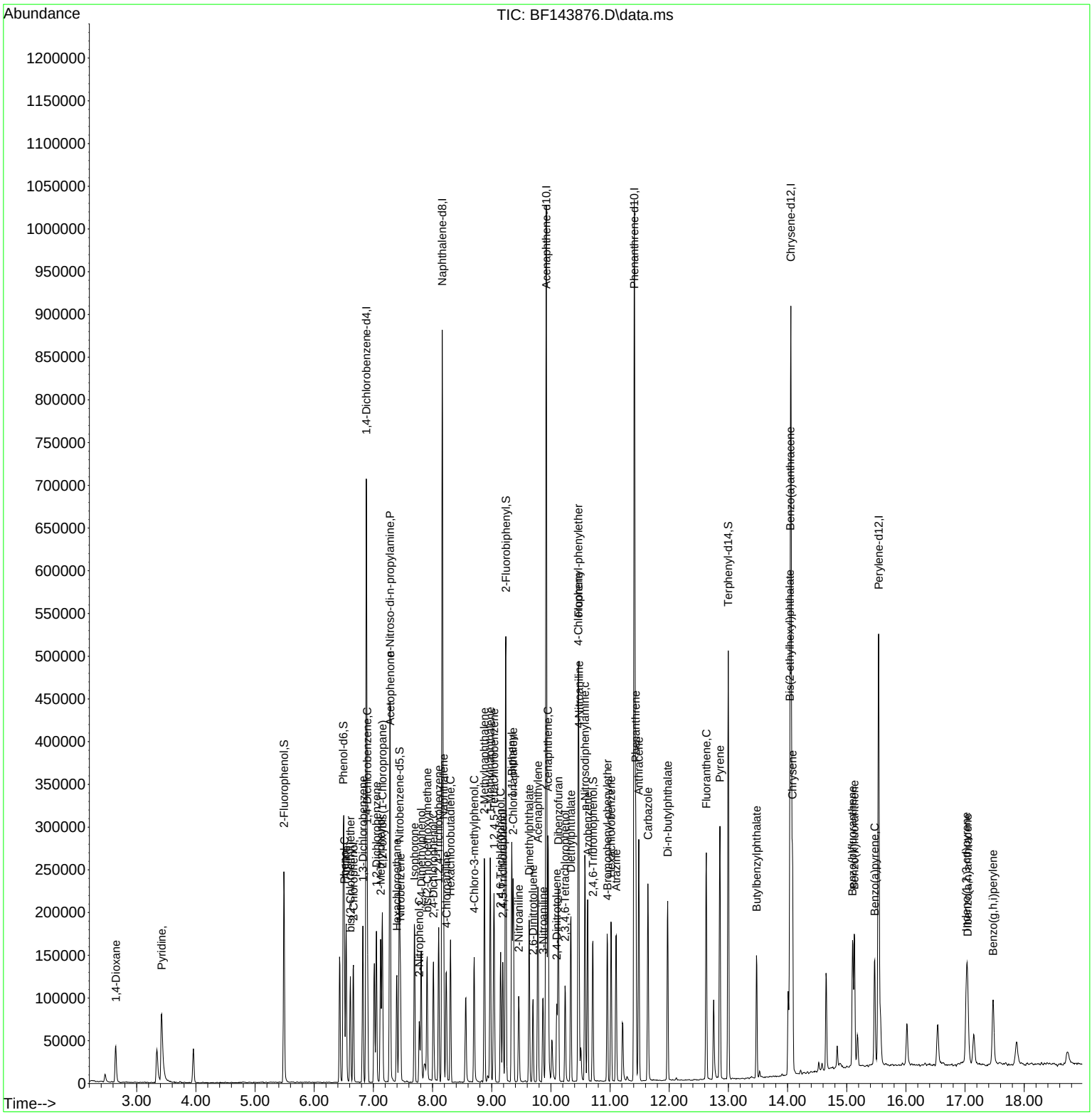
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143876.D
Acq On : 06 Oct 2025 10:28
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

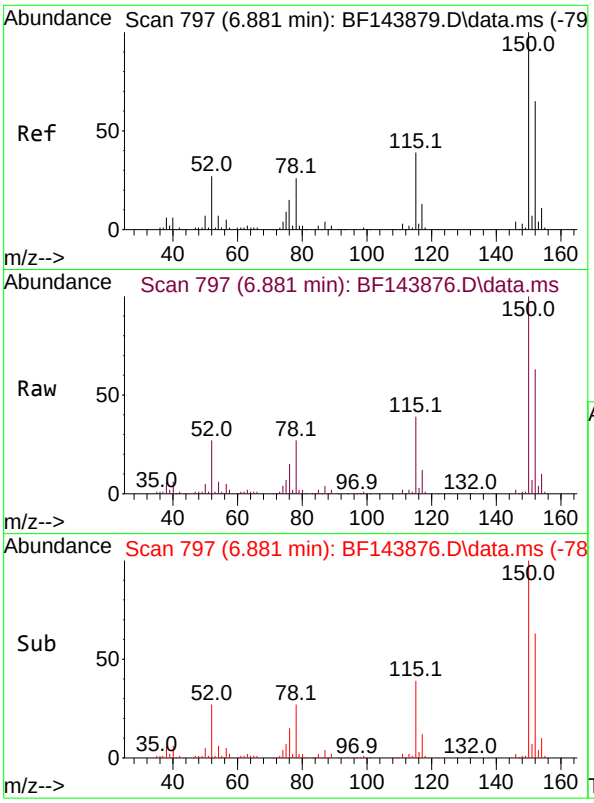
Quant Time: Oct 06 16:14:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

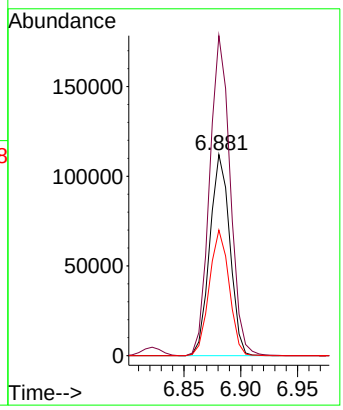




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:152 Resp: 13759

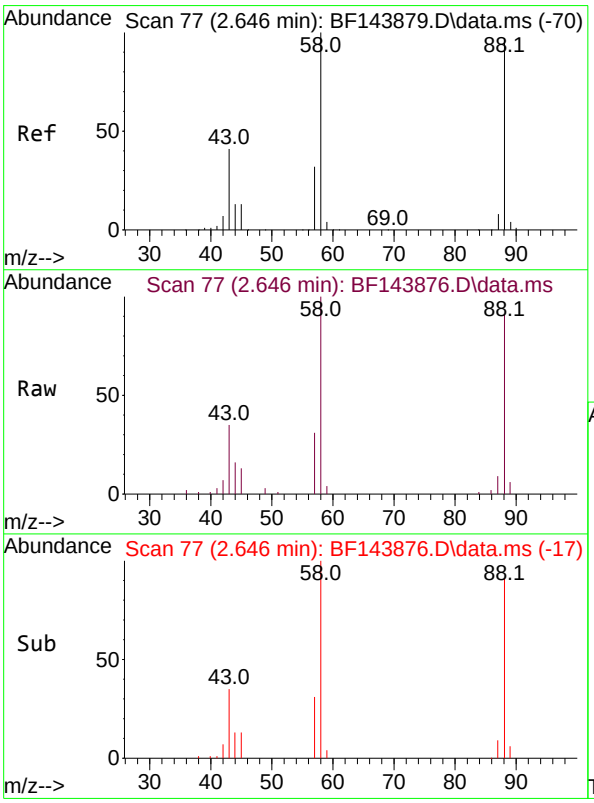
Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.4	186.6
115	62.4	48.1	72.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

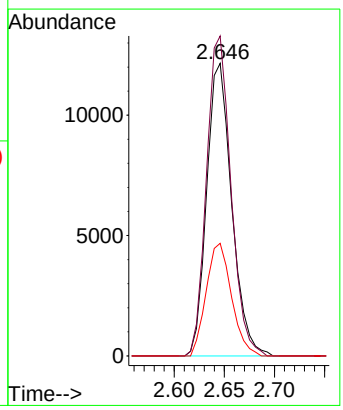
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

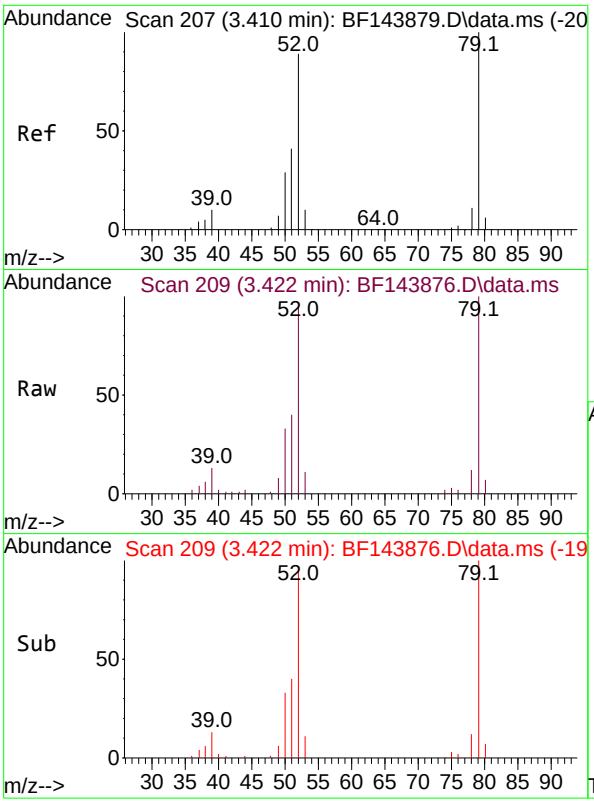


#2
1,4-Dioxane
Concen: 5.265 ng
RT: 2.646 min Scan# 77
Delta R.T. 0.000 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

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

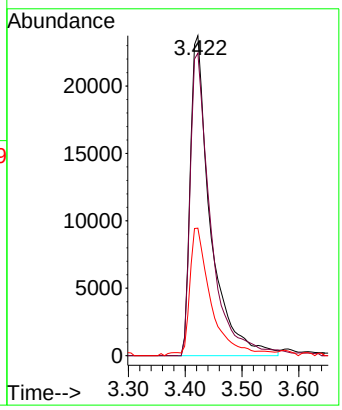




#3
Pyridine
Concen: 4.984 ng
RT: 3.422 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion: 79 Resp: 5817

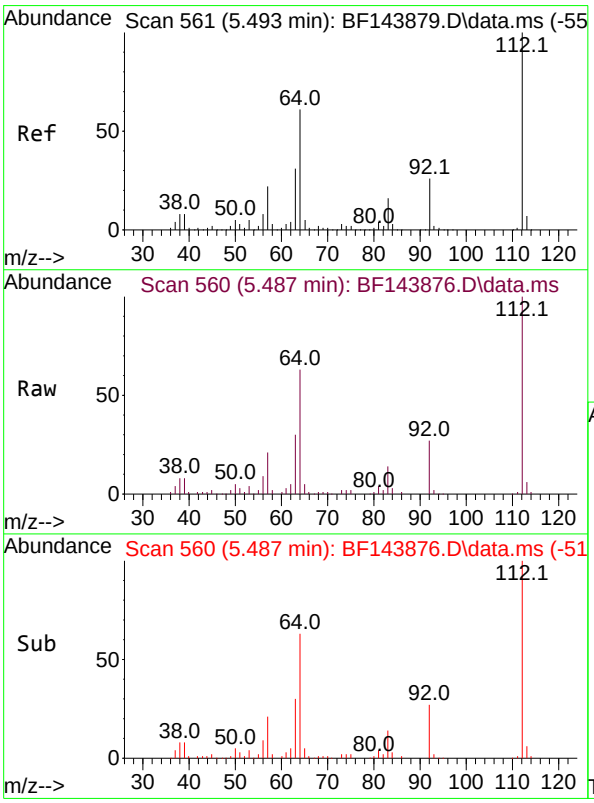
Ion	Ratio	Lower	Upper
79	100		
52	94.5	71.5	107.3
51	39.8	32.9	49.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

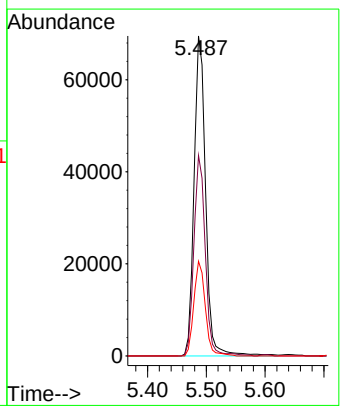
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

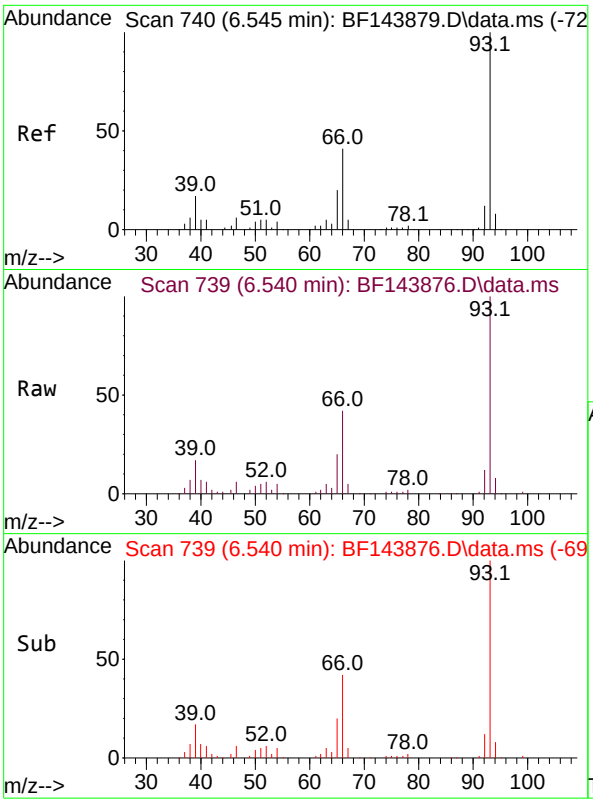


#5
2-Fluorophenol
Concen: 10.942 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

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

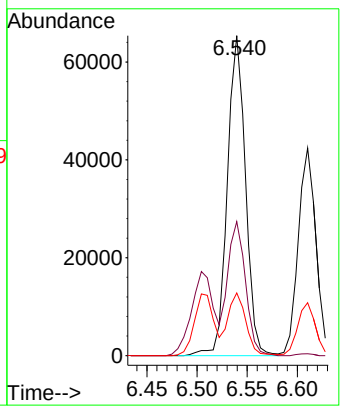




#6
Aniline
Concen: 5.335 ng
RT: 6.540 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion: 93 Resp: 8256

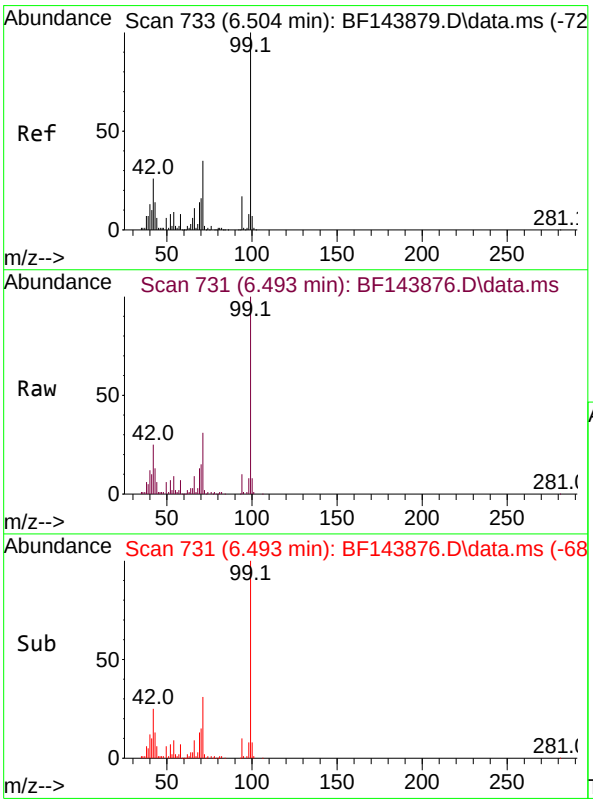
Ion	Ratio	Lower	Upper
93	100		
66	41.9	33.0	49.6
65	19.6	15.8	23.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

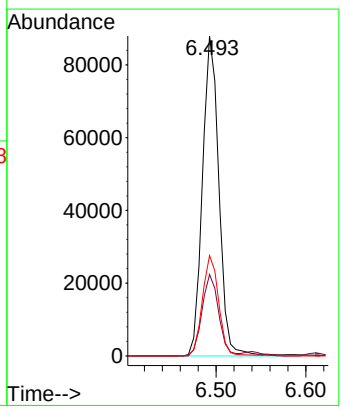
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

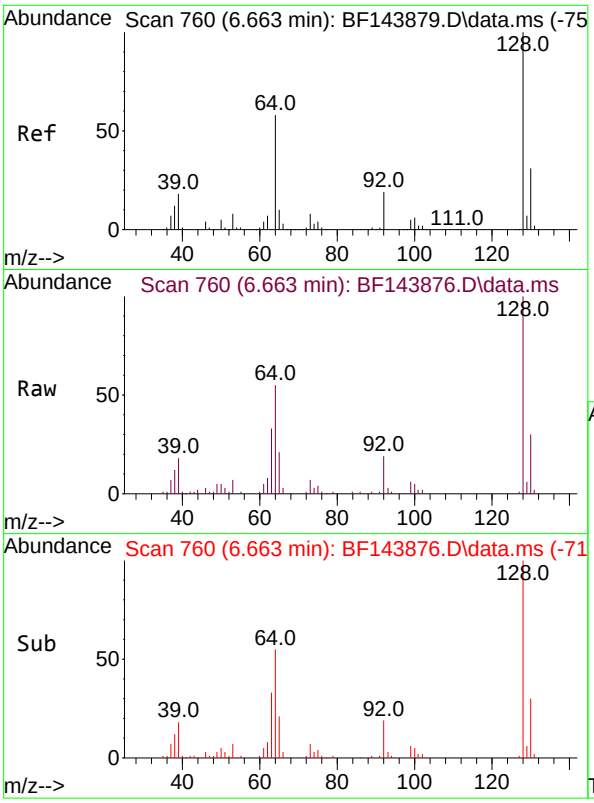


#7
Phenol-d6
Concen: 10.832 ng
RT: 6.493 min Scan# 731
Delta R.T. -0.023 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

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

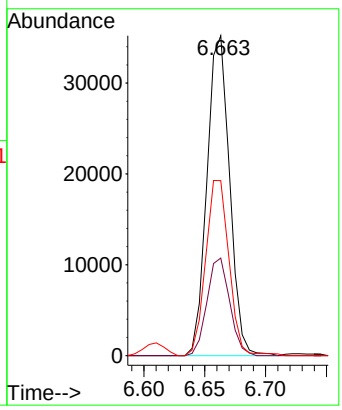




#8
2-Chlorophenol
Concen: 5.376 ng
RT: 6.663 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:128 Resp: 4553

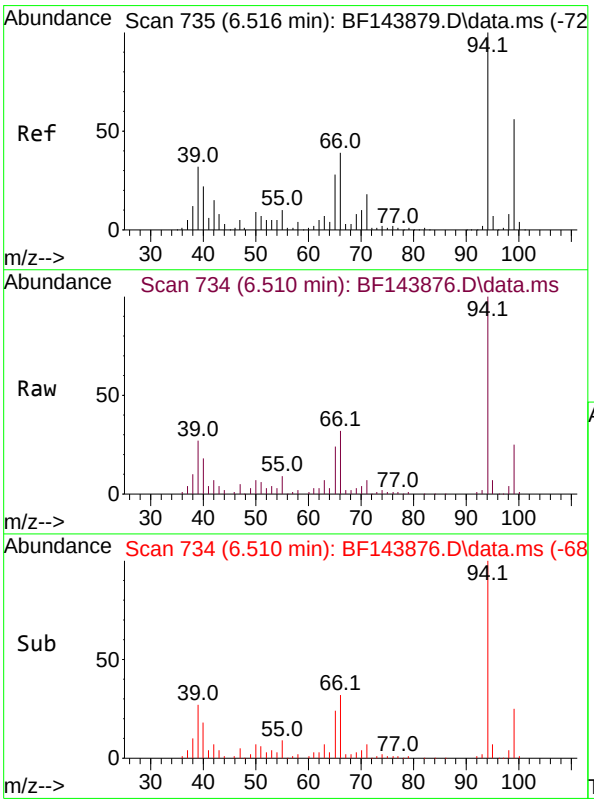
Ion	Ratio	Lower	Upper
128	100		
130	30.5	10.7	50.7
64	54.7	39.0	79.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

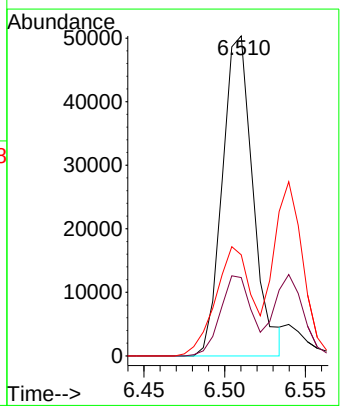
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

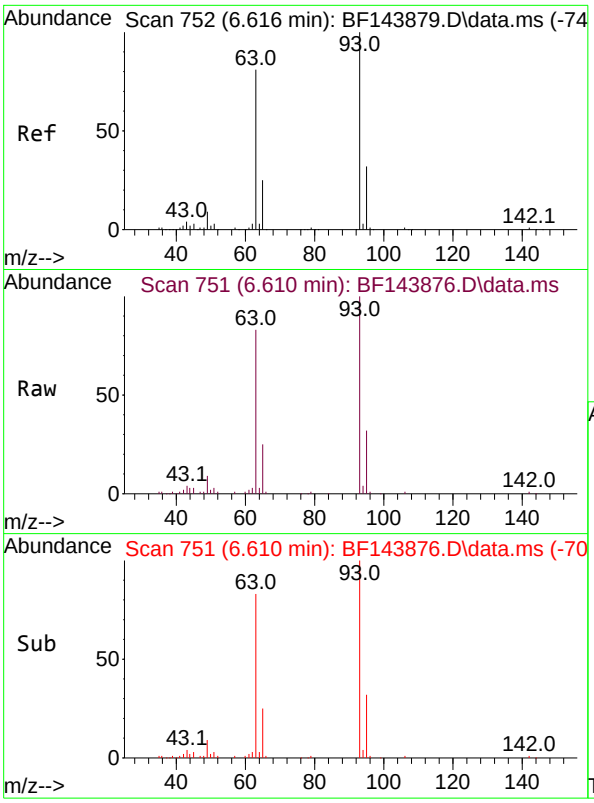


#10
Phenol
Concen: 5.388 ng m
RT: 6.510 min Scan# 734
Delta R.T. -0.023 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion: 94 Resp: 66523

Ion	Ratio	Lower	Upper
94	100		
65	24.5	8.5	48.5
66	31.6	19.9	59.9

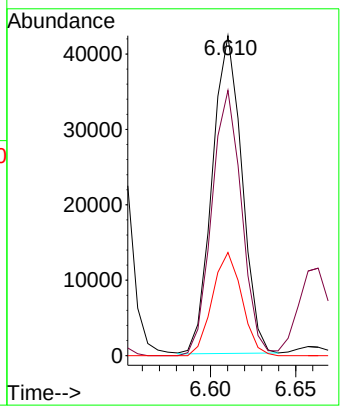




#11
bis(2-Chloroethyl)ether
Concen: 5.364 ng
RT: 6.610 min Scan# 7
Delta R.T. -0.017 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion: 93 Resp: 5116

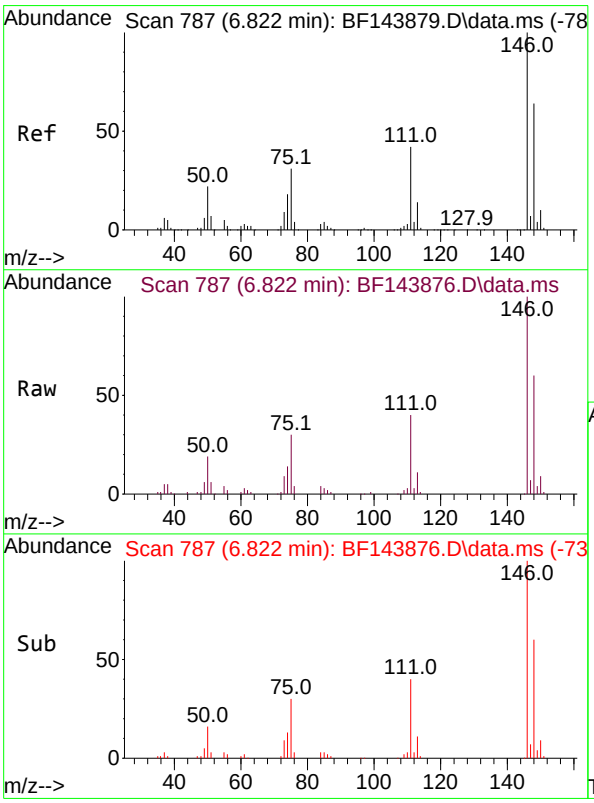
Ion	Ratio	Lower	Upper
93	100		
63	82.9	60.9	100.9
95	32.2	11.5	51.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

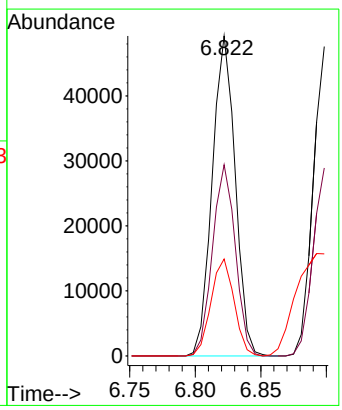
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

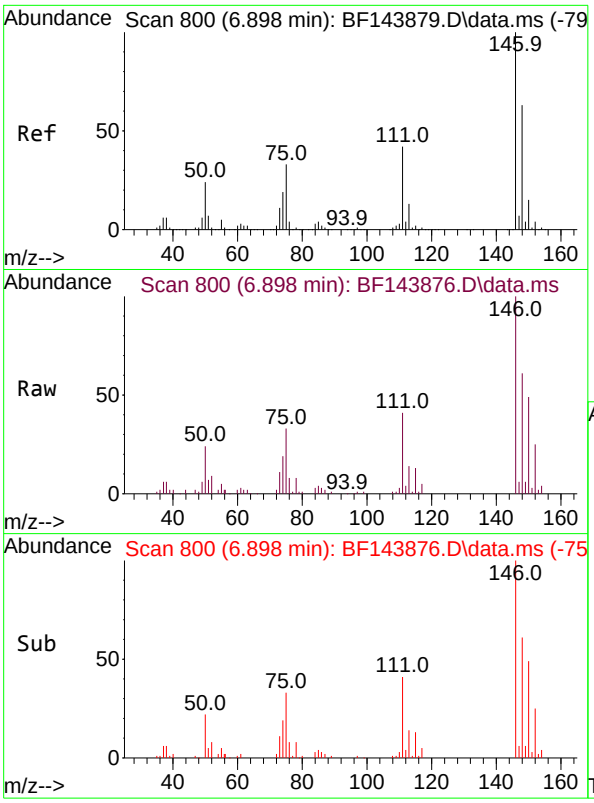


#12
1,3-Dichlorobenzene
Concen: 5.911 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

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

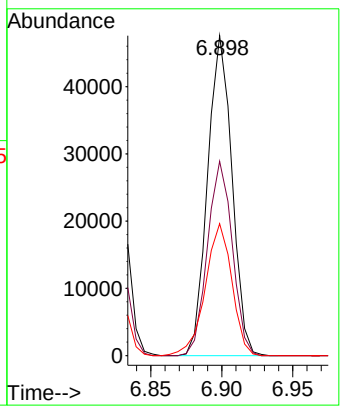




#13
1,4-Dichlorobenzene
Concen: 5.686 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:146 Resp: 5686

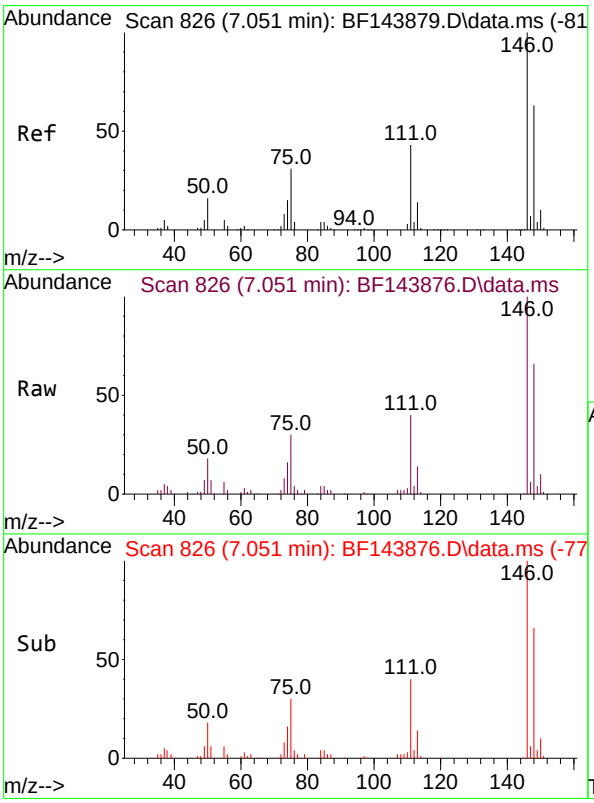
Ion	Ratio	Lower	Upper
146	100		
148	60.7	50.5	75.7
111	41.2	33.4	50.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

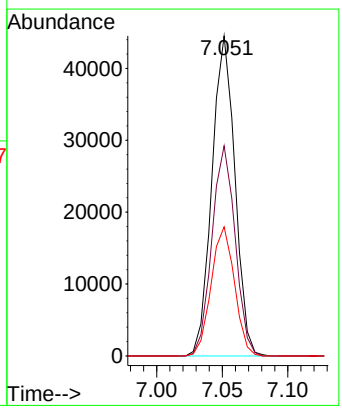
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

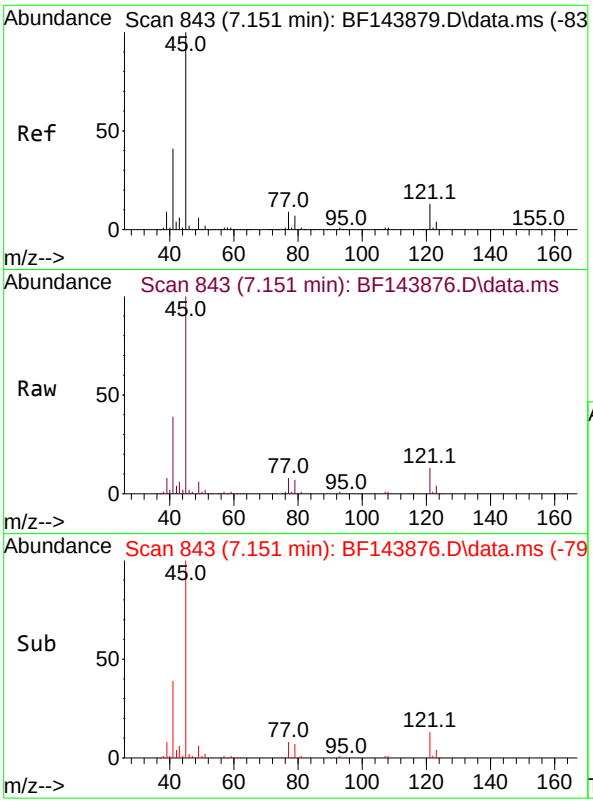


#14
1,2-Dichlorobenzene
Concen: 5.676 ng
RT: 7.051 min Scan# 826
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

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

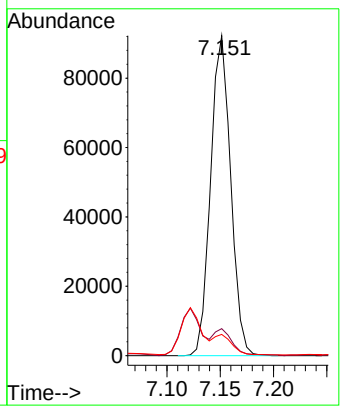




#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.577 ng
RT: 7.151 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion: 45 Resp: 12108

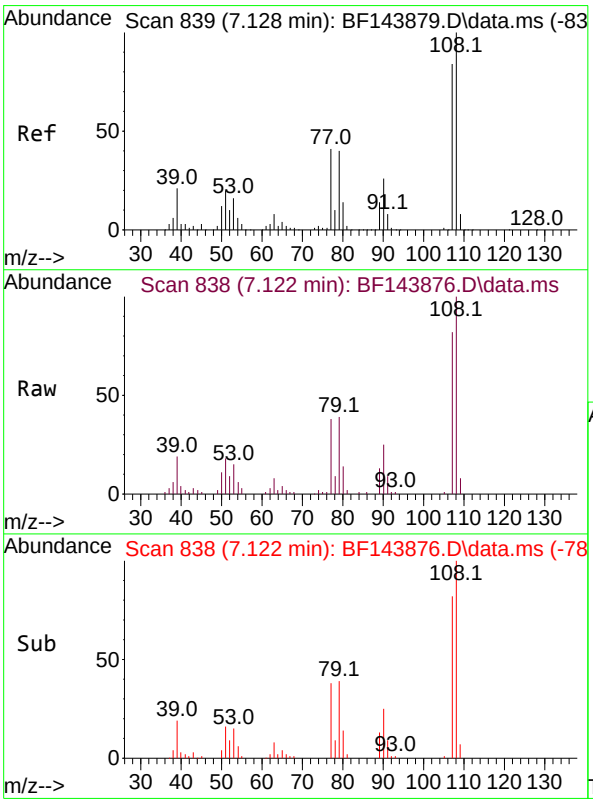
Ion	Ratio	Lower	Upper
45	100		
77	8.4	0.0	29.0
79	6.6	0.0	26.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

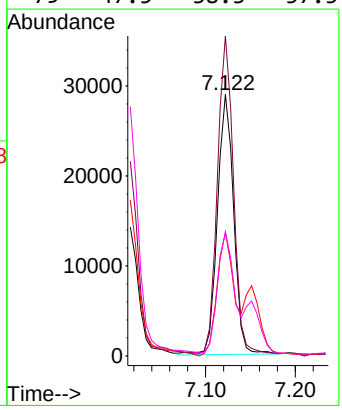
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

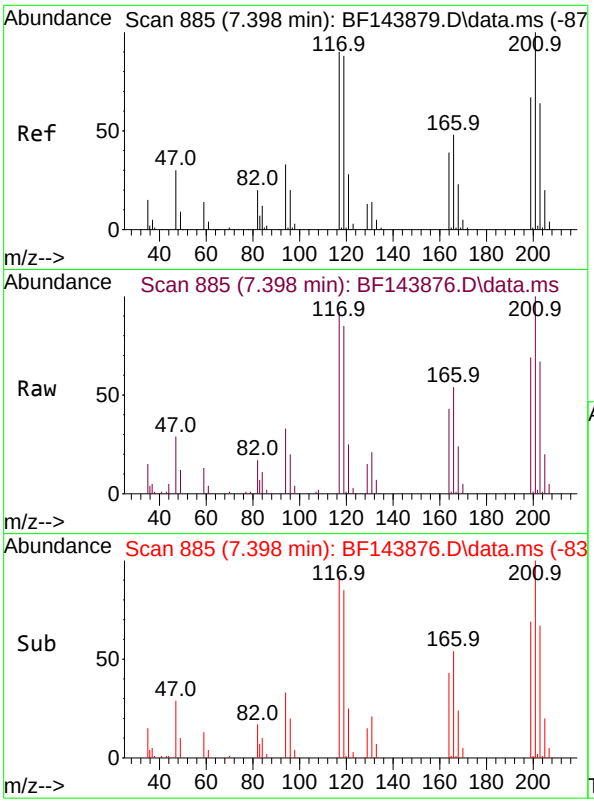


#17
2-Methylphenol
Concen: 5.228 ng
RT: 7.122 min Scan# 838
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

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

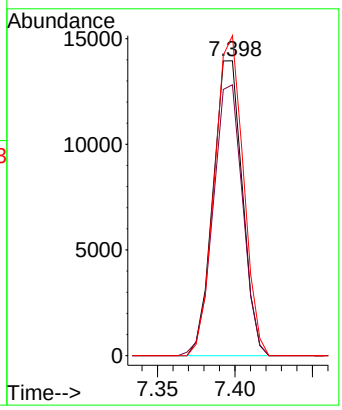




#18
Hexachloroethane
Concen: 5.501 ng
RT: 7.398 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:117 Resp: 1834

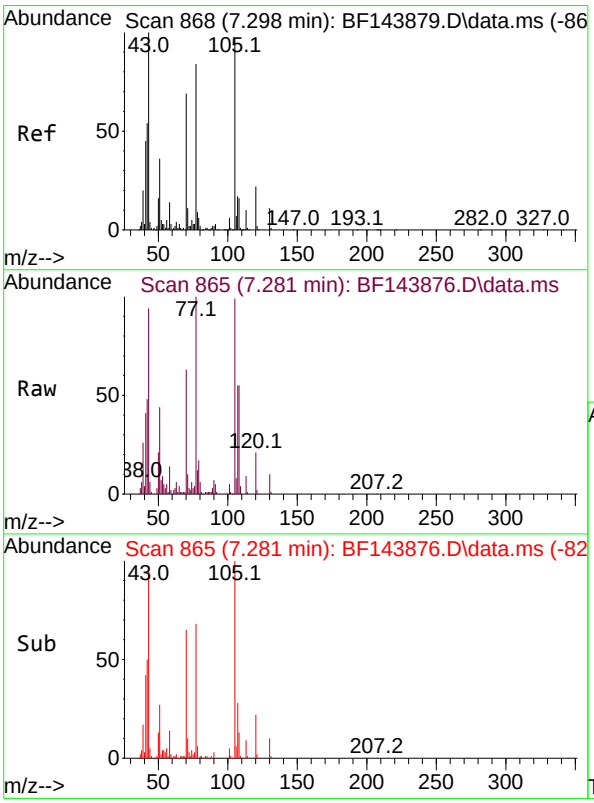
Ion	Ratio	Lower	Upper
117	100		
119	91.8	77.8	116.8
201	108.5	88.5	132.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

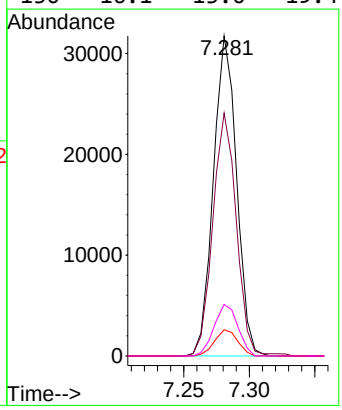
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

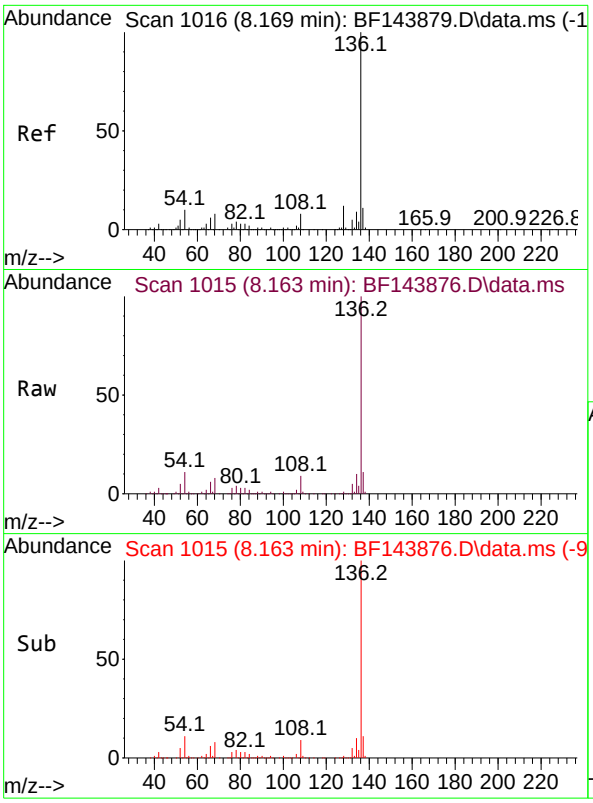


#19
n-Nitroso-di-n-propylamine
Concen: 5.524 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.035 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

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

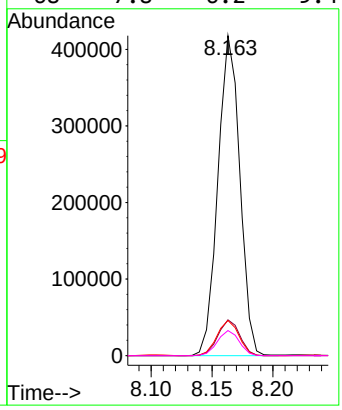




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:136 Resp: 524114

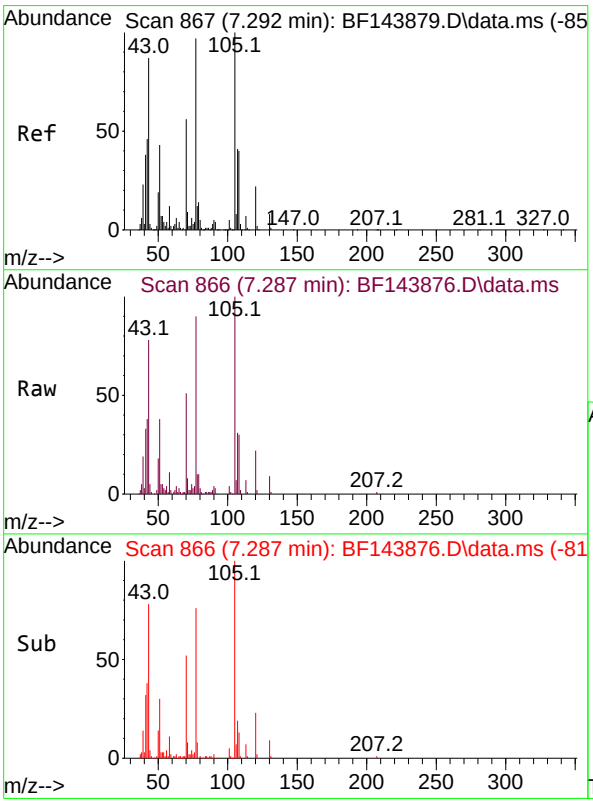
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	11.0	8.2	12.4
68	7.8	6.2	9.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

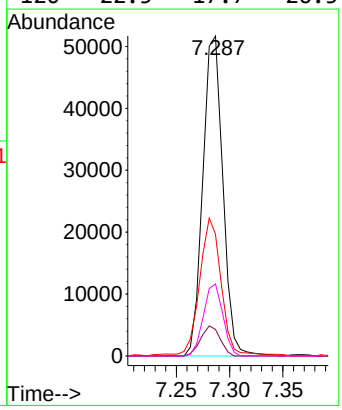
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

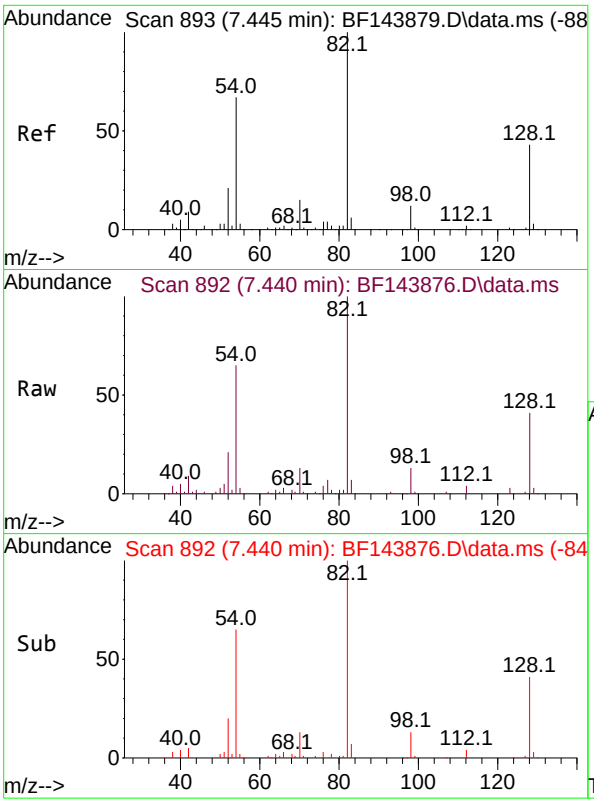


#22
Acetophenone
Concen: 6.092 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.017 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

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

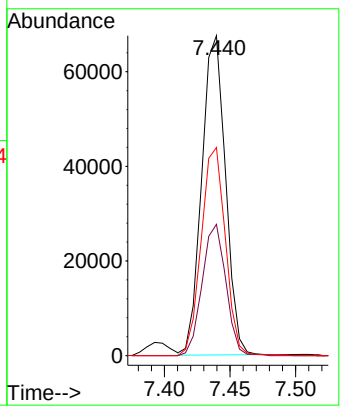




#23
Nitrobenzene-d5
Concen: 9.862 ng
RT: 7.440 min Scan# 89
Delta R.T. -0.017 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion: 82 Resp: 8508

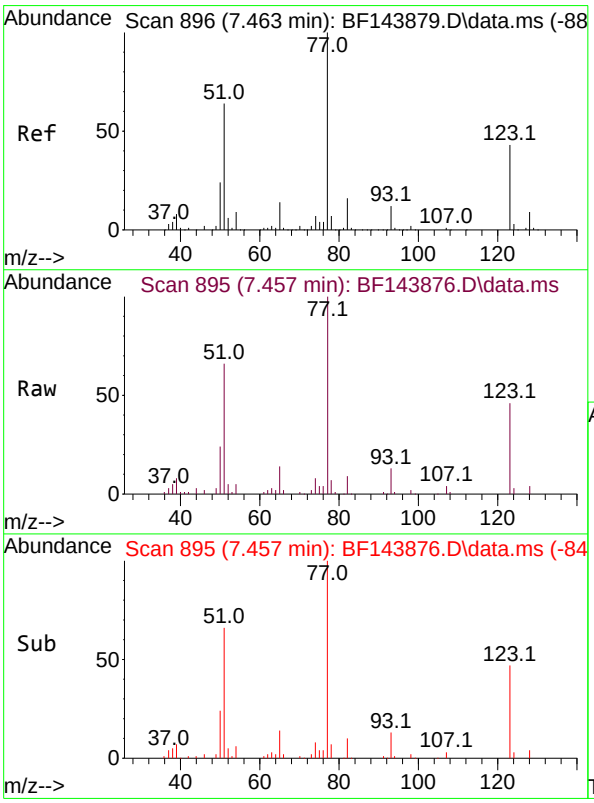
Ion	Ratio	Lower	Upper
82	100		
128	41.0	34.0	51.0
54	65.0	53.2	79.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
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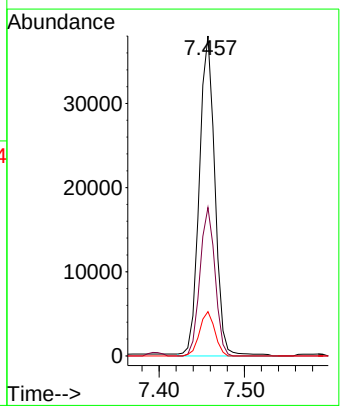
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

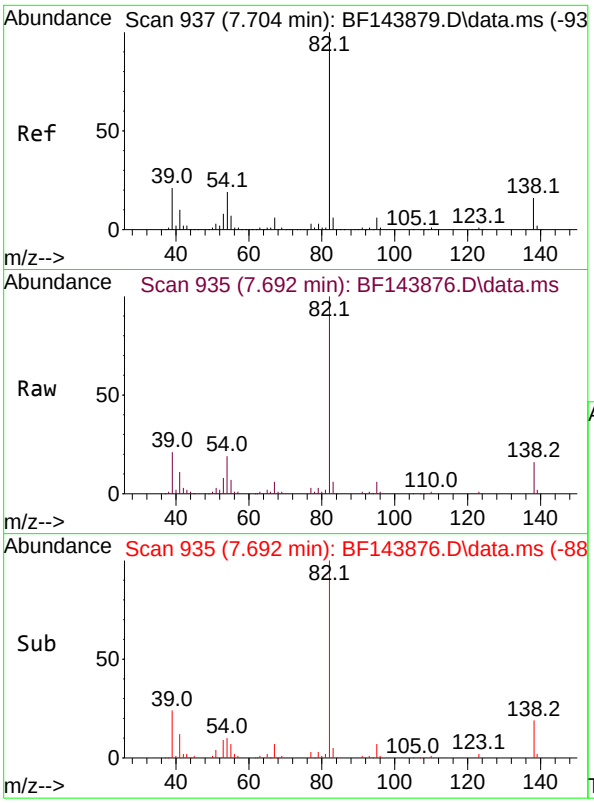


#24
Nitrobenzene
Concen: 5.054 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.017 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

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

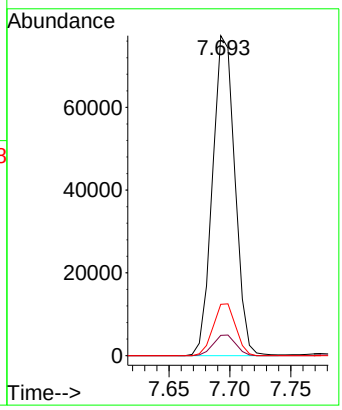




#25
Isophorone
Concen: 5.429 ng
RT: 7.692 min Scan# 9
Delta R.T. -0.029 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion: 82 Resp: 9876

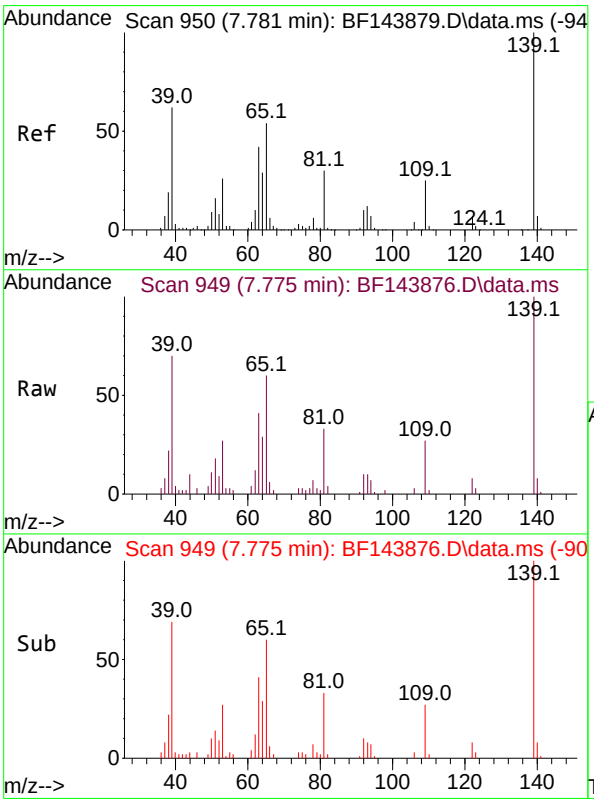
Ion	Ratio	Lower	Upper
82	100		
95	6.3	5.1	7.7
138	16.0	12.9	19.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

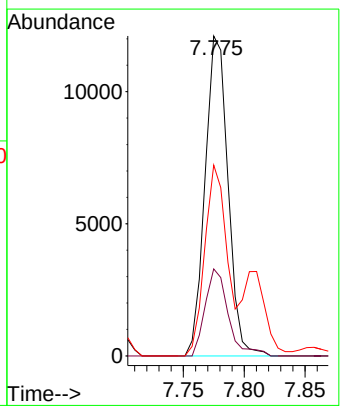
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

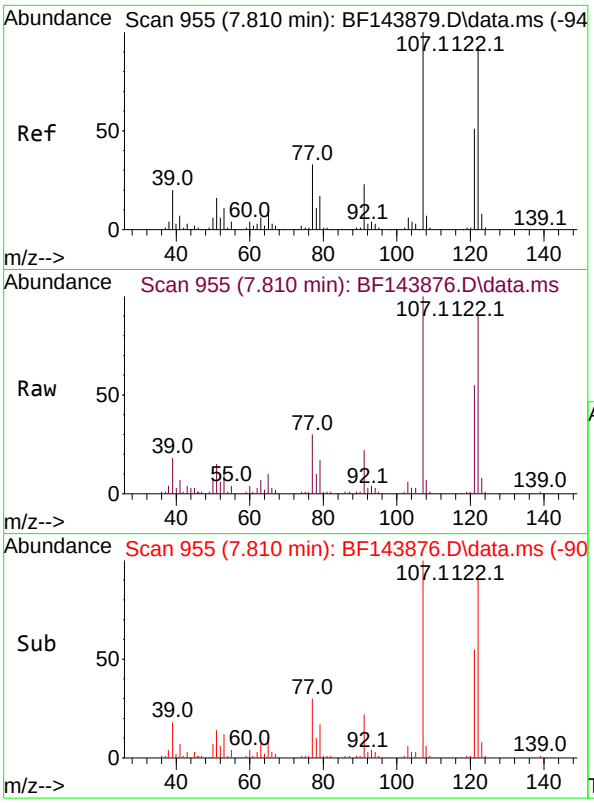


#26
2-Nitrophenol
Concen: 3.864 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

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

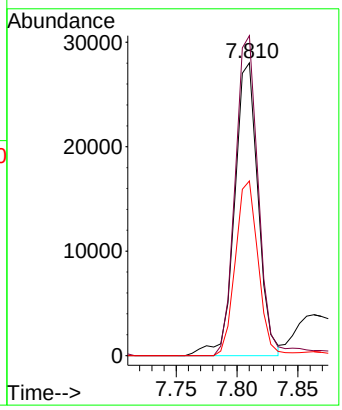




#27
2,4-Dimethylphenol
Concen: 5.095 ng
RT: 7.810 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:122 Resp: 3764

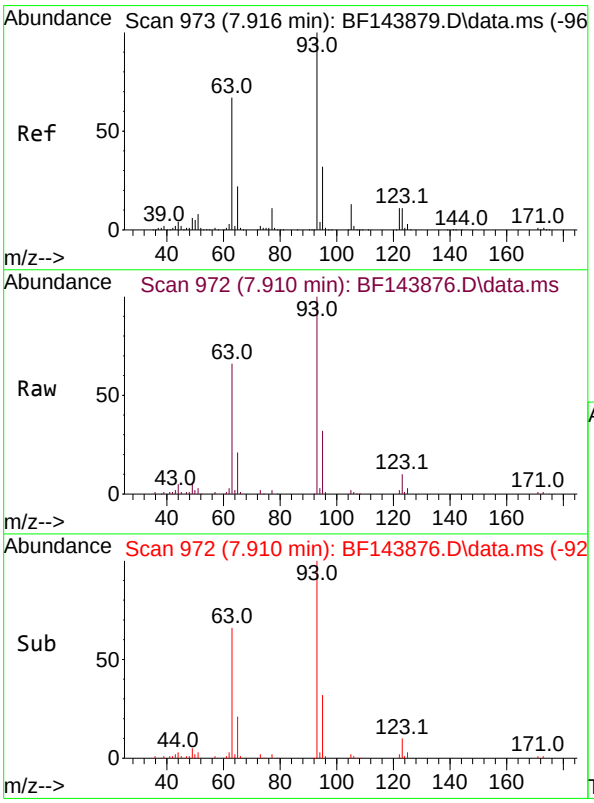
Ion	Ratio	Lower	Upper
122	100		
107	109.3	86.1	129.1
121	59.6	43.8	65.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

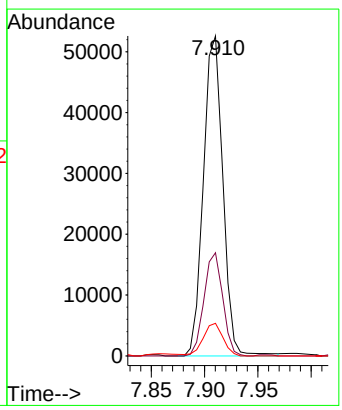
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

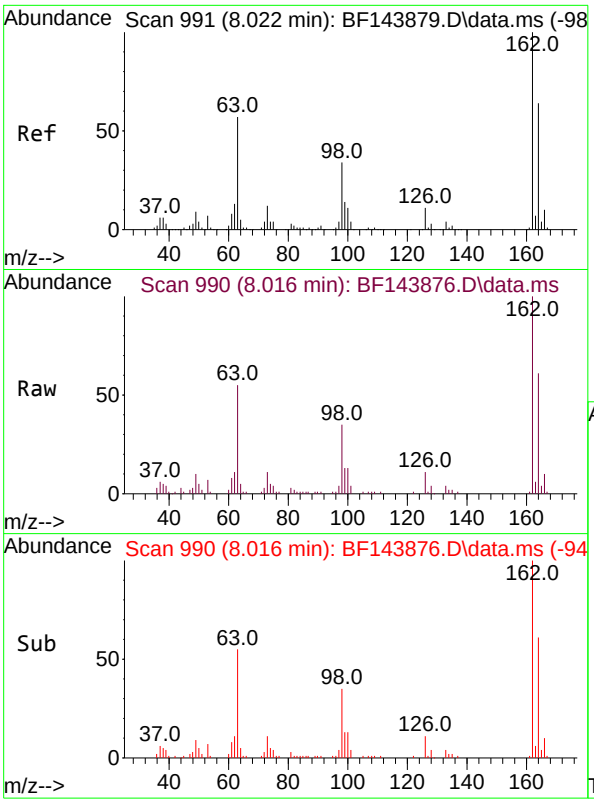


#28
bis(2-Chloroethoxy)methane
Concen: 5.812 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

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

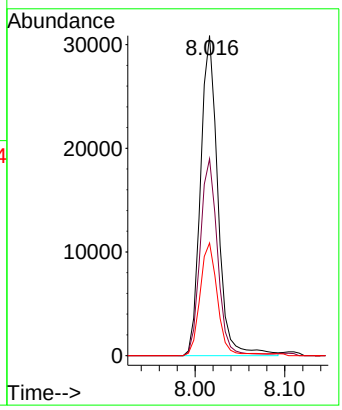
Tgt Ion:162 Resp: 4148

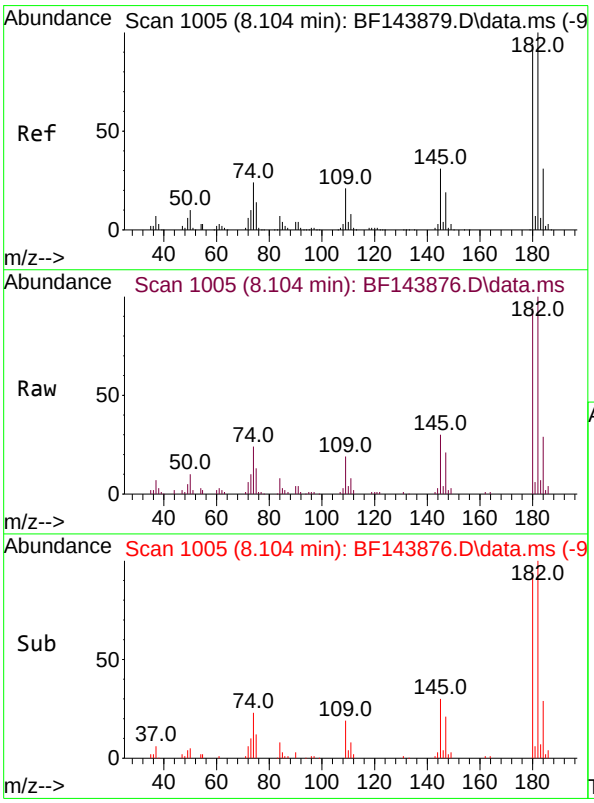
Ion	Ratio	Lower	Upper
162	100		
164	61.5	43.9	83.9
98	35.2	14.4	54.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

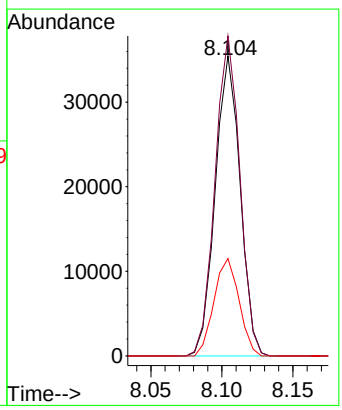


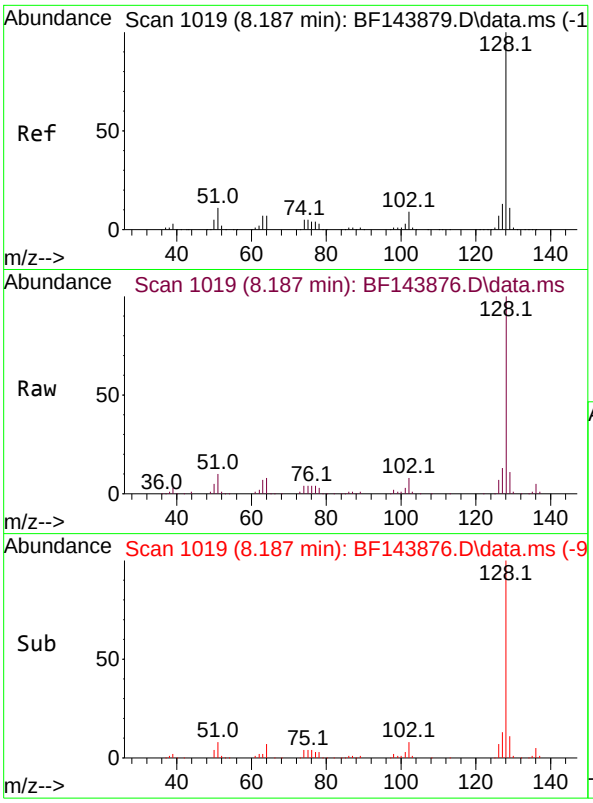


#30
1,2,4-Trichlorobenzene
Concen: 5.722 ng
RT: 8.104 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

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

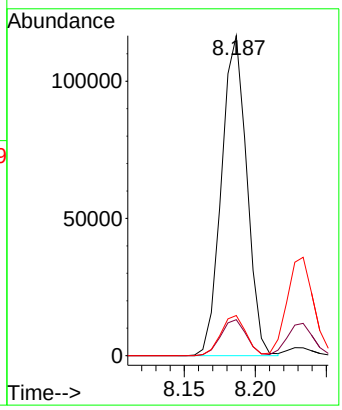




#31
Naphthalene
Concen: 6.063 ng
RT: 8.187 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:128 Resp: 14456

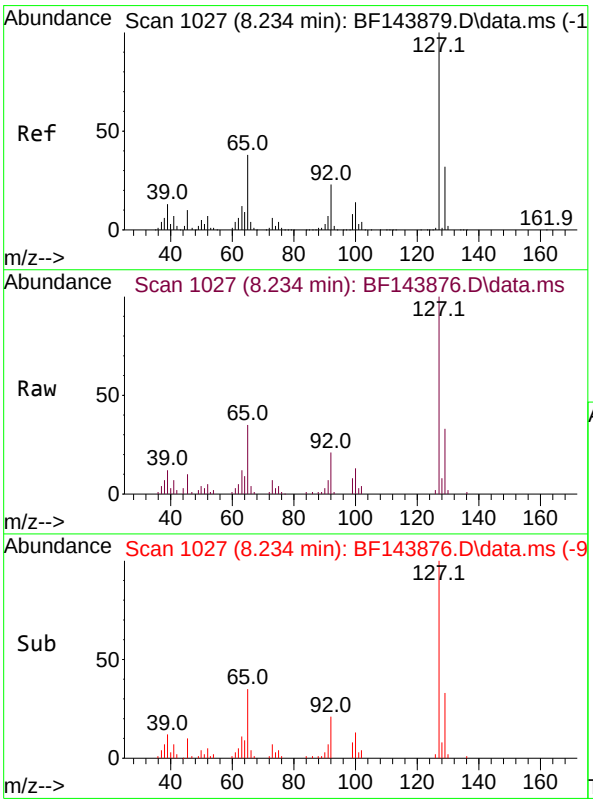
Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	12.5	10.0	15.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

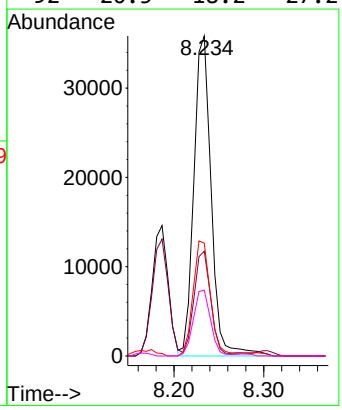
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

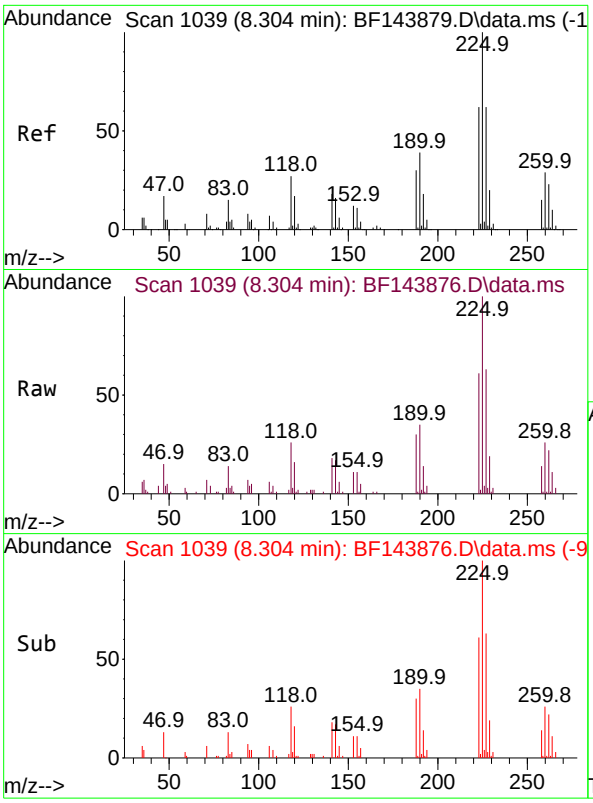


#33
4-Chloroaniline
Concen: 5.388 ng
RT: 8.234 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

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

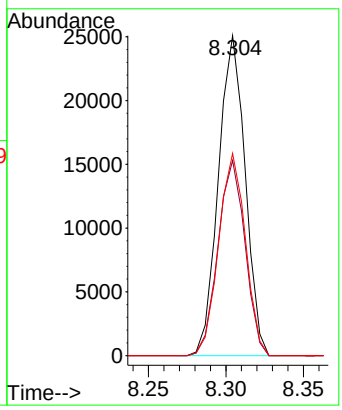




#34
Hexachlorobutadiene
Concen: 5.751 ng
RT: 8.304 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:225 Resp: 3024

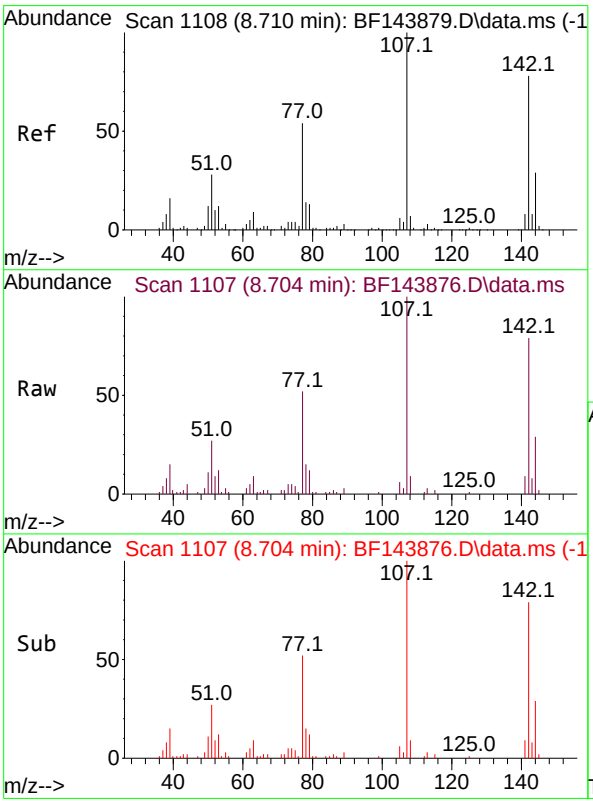
Ion	Ratio	Lower	Upper
225	100		
223	61.0	49.4	74.2
227	63.2	49.7	74.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

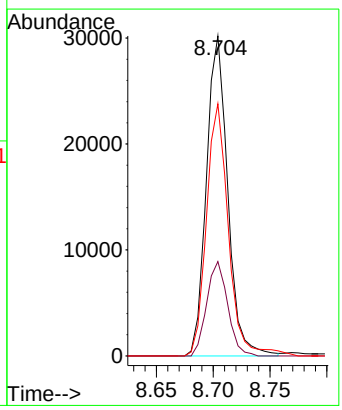
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

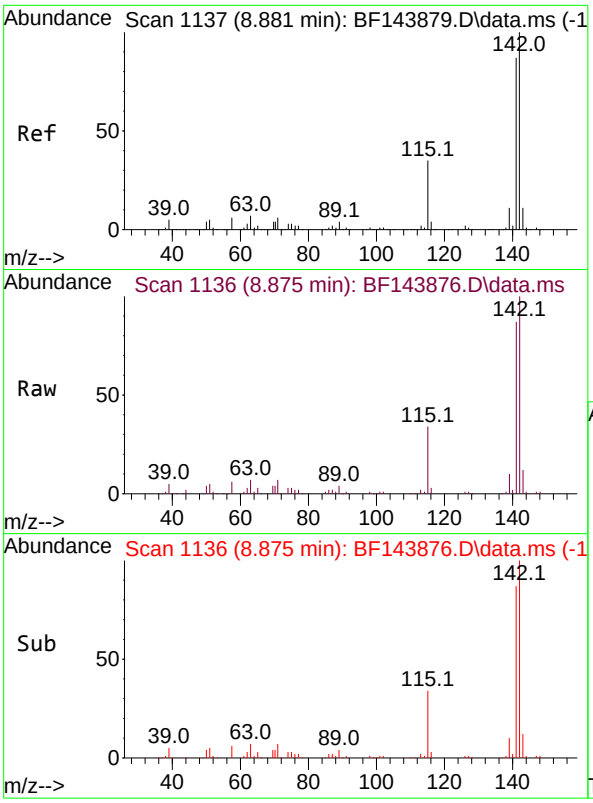


#36
4-Chloro-3-methylphenol
Concen: 5.343 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.017 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

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

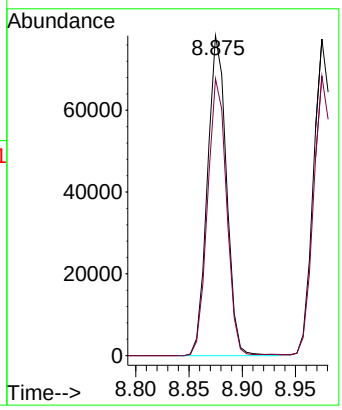




#37
2-Methylnaphthalene
Concen: 6.122 ng
RT: 8.875 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:142 Resp: 9722

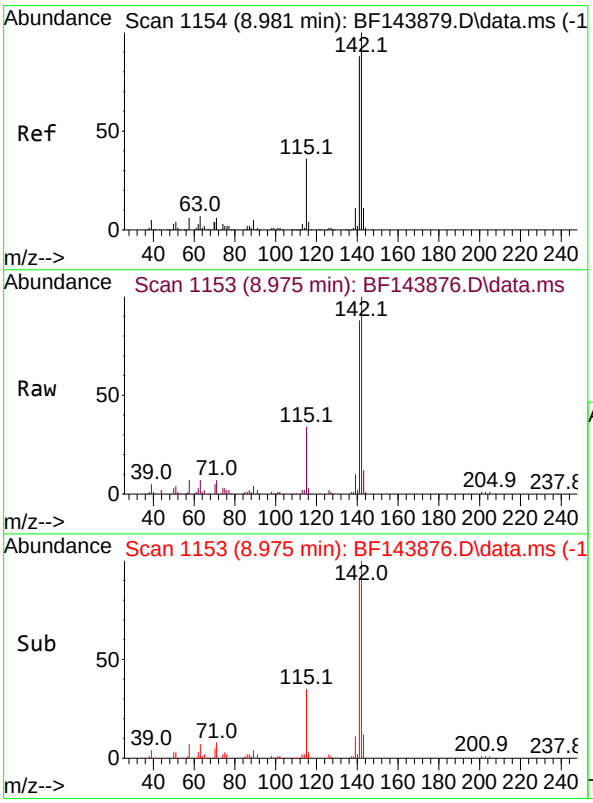
Ion	Ratio	Lower	Upper
142	100		
141	86.5	69.2	103.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

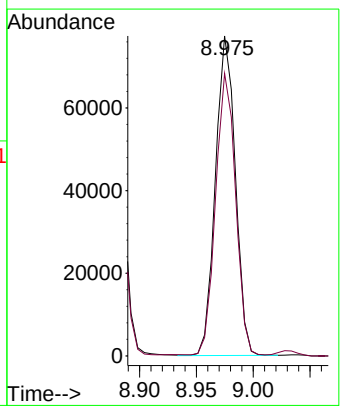
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

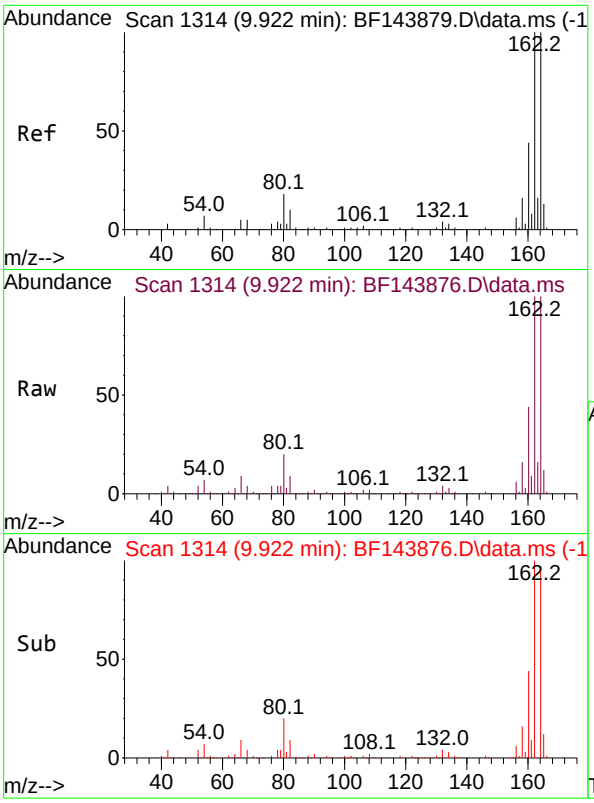


#38
1-Methylnaphthalene
Concen: 6.114 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.011 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:142 Resp: 94190

Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.8	106.2

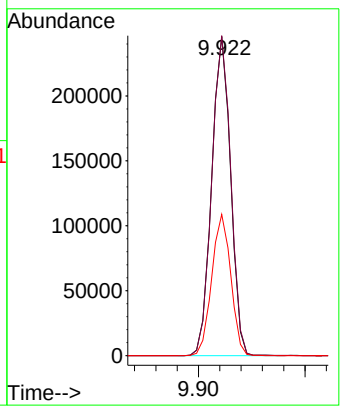




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1
Delta R.T. -0.005 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:164 Resp: 30323

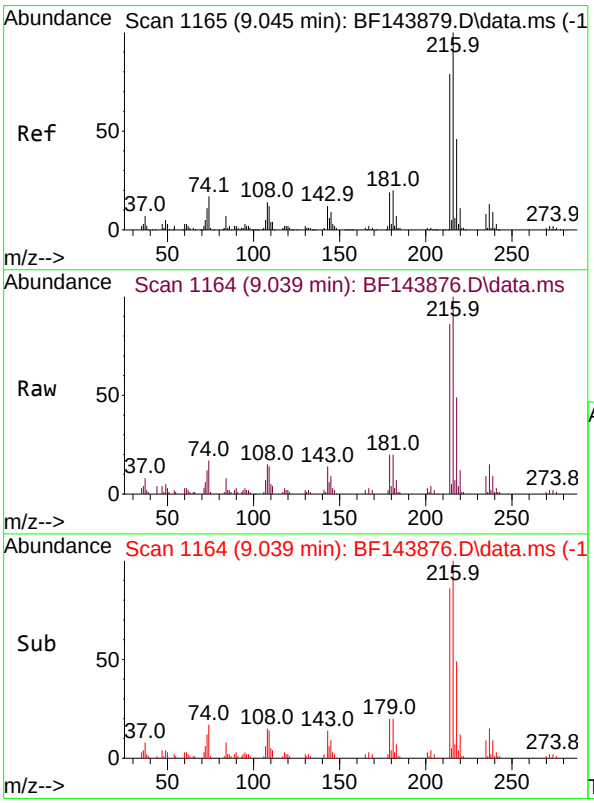
Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.2	120.2
160	44.3	35.4	53.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

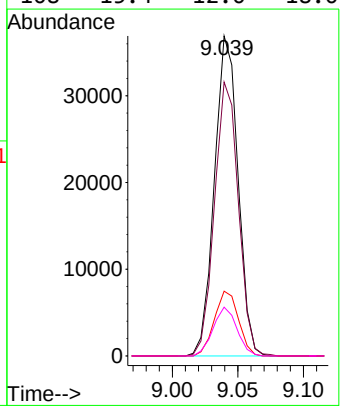
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

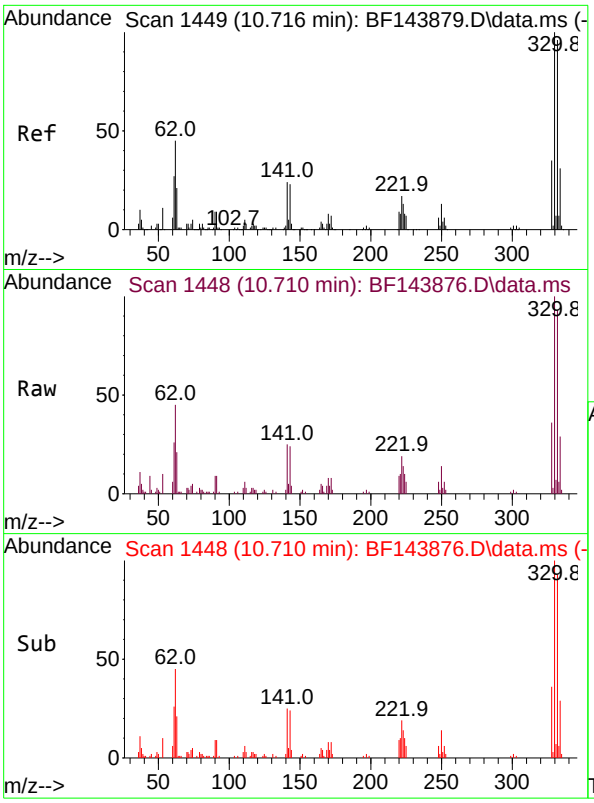


#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.519 ng
RT: 9.039 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

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

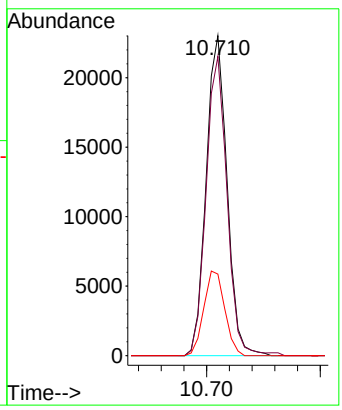




#42
2,4,6-Tribromophenol
Concen: 9.721 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:330 Resp: 2936

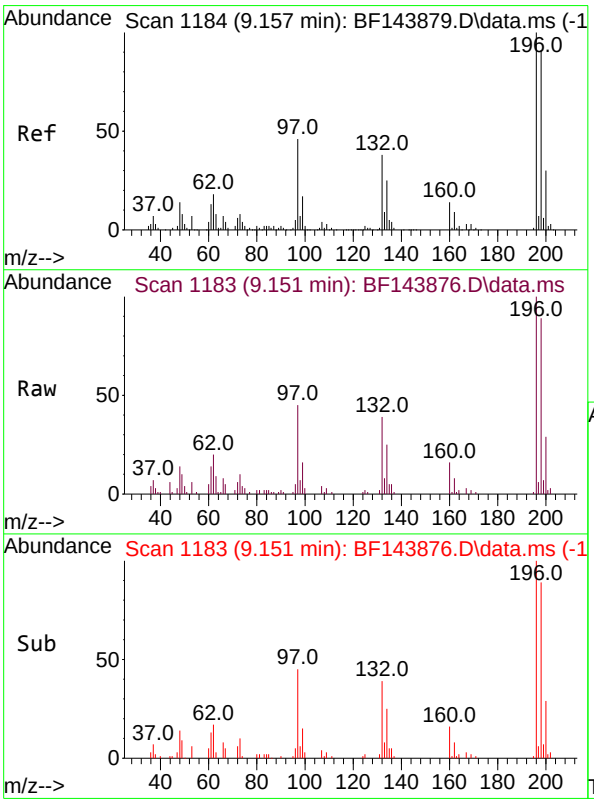
Ion	Ratio	Lower	Upper
330	100		
332	93.9	76.9	115.3
141	26.6	20.2	30.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

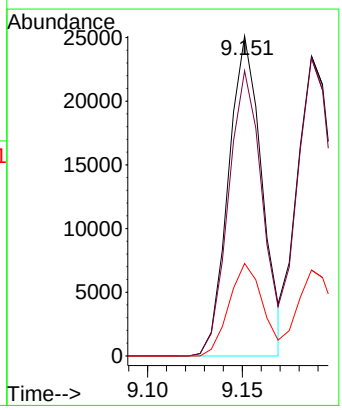
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

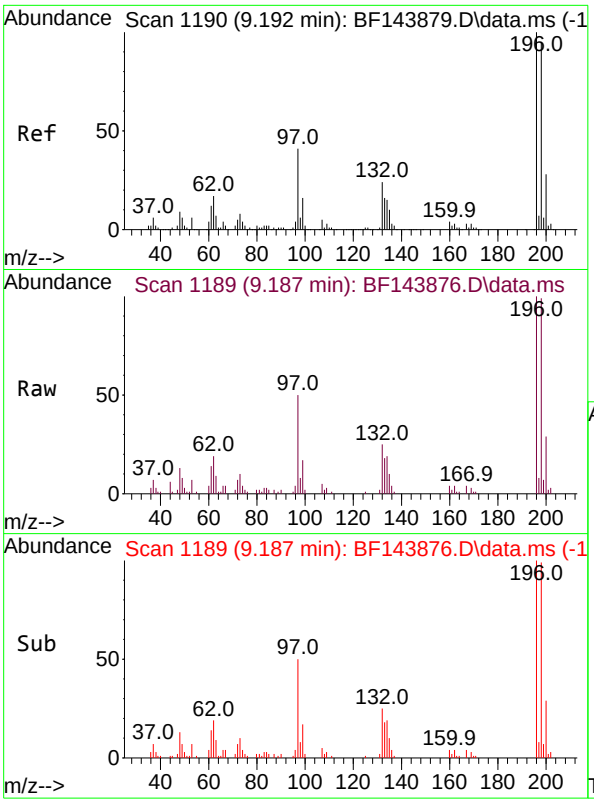


#43
2,4,6-Trichlorophenol
Concen: 5.047 ng
RT: 9.151 min Scan# 1183
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

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

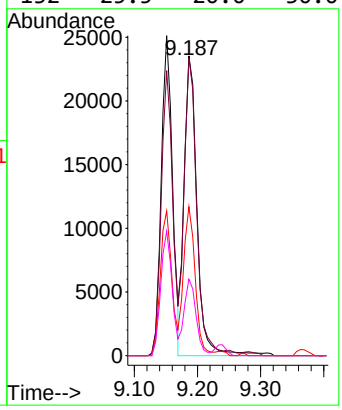




#44
2,4,5-Trichlorophenol
Concen: 5.194 ng
RT: 9.187 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:196 Resp: 3361

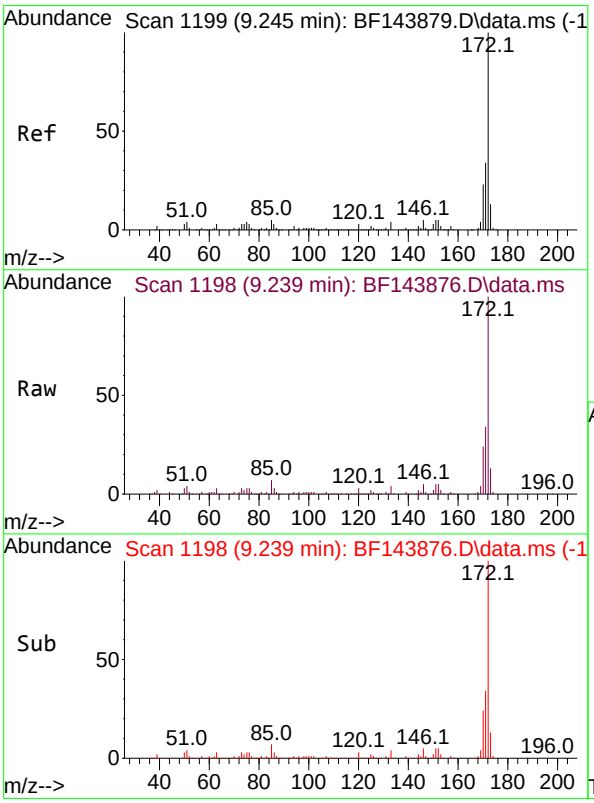
Ion	Ratio	Lower	Upper
196	100		
198	99.4	75.5	113.3
97	49.7	33.9	50.9
132	25.5	20.0	30.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

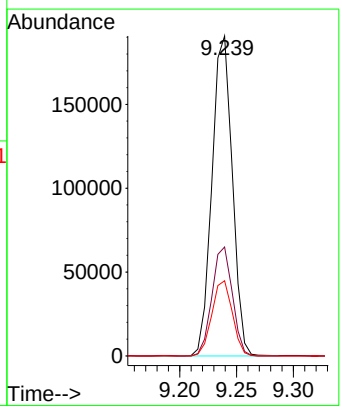
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

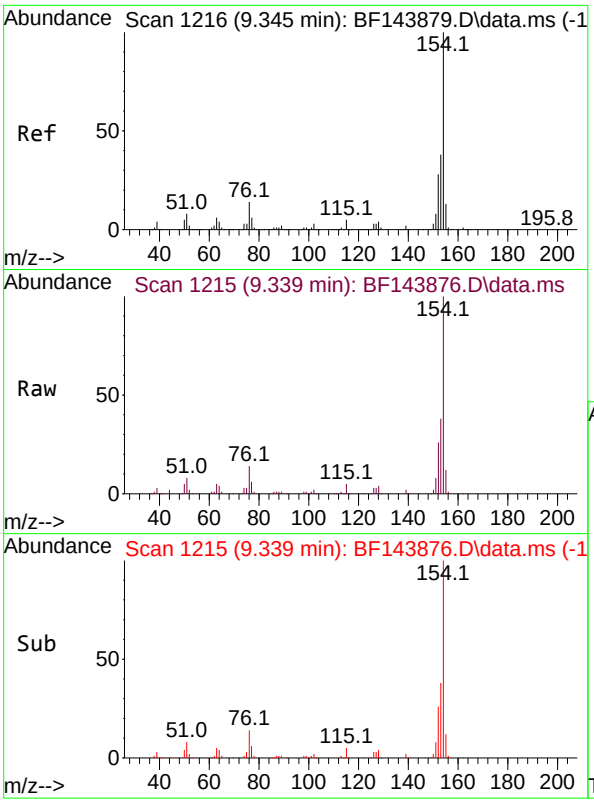


#45
2-Fluorobiphenyl
Concen: 12.438 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

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

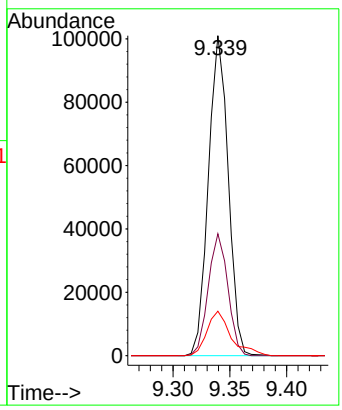




#46
1,1'-Biphenyl
Concen: 6.105 ng
RT: 9.339 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:154 Resp: 12256

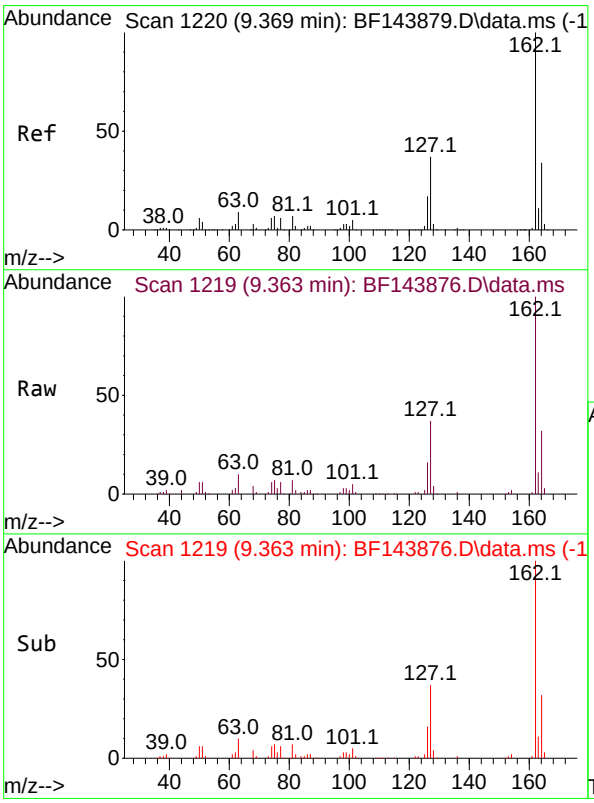
Ion	Ratio	Lower	Upper
154	100		
153	38.1	18.4	58.4
76	13.9	0.0	34.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

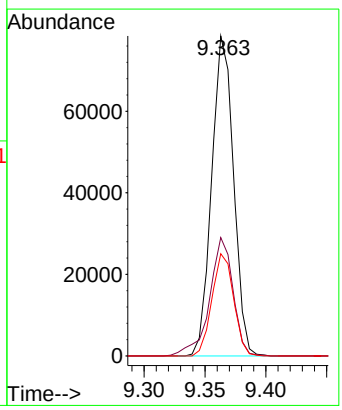
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

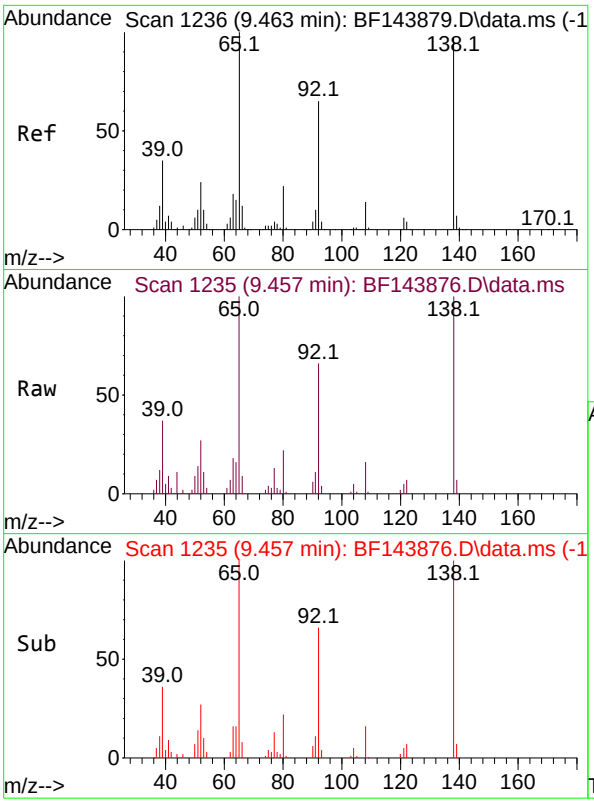


#47
2-Chloronaphthalene
Concen: 5.861 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

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

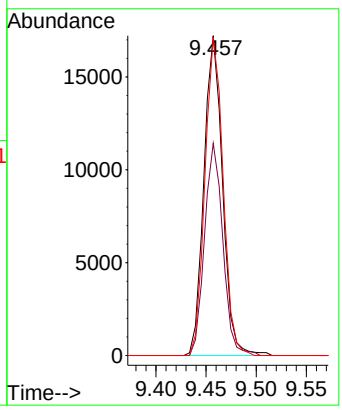




#48
2-Nitroaniline
Concen: 4.193 ng
RT: 9.457 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion: 65 Resp: 2218

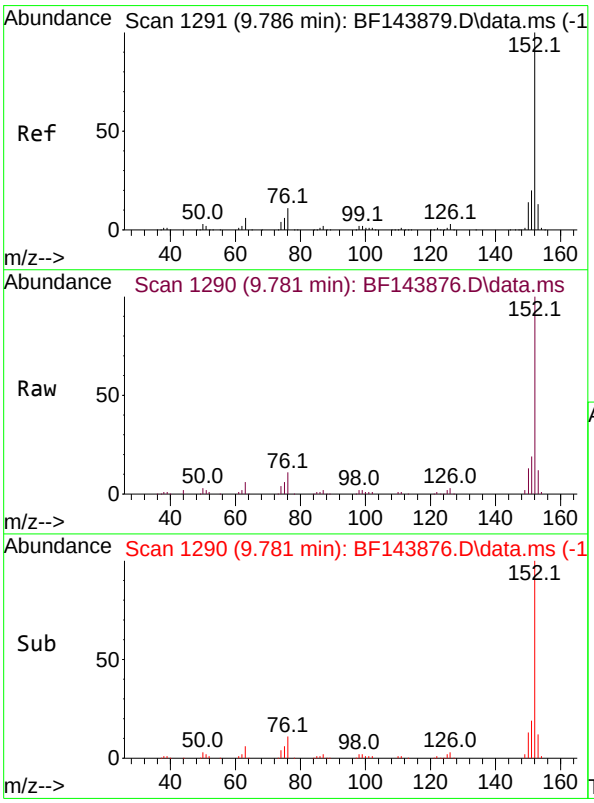
Ion	Ratio	Lower	Upper
65	100		
92	66.3	52.1	78.1
138	99.6	77.4	116.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

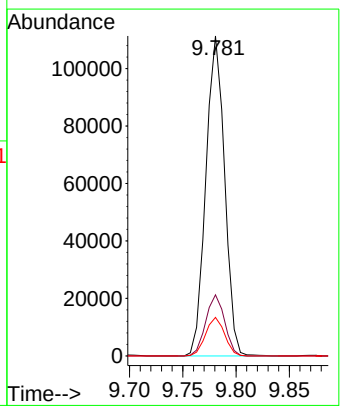
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

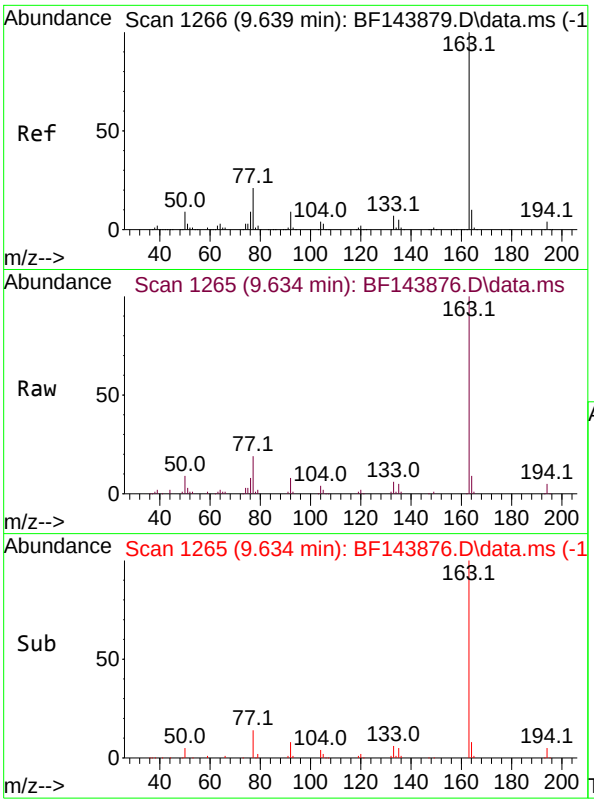


#49
Acenaphthylene
Concen: 5.788 ng
RT: 9.781 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

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

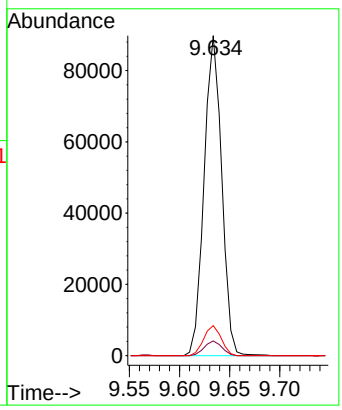




#50
Dimethylphthalate
Concen: 5.677 ng
RT: 9.634 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:163 Resp: 10932

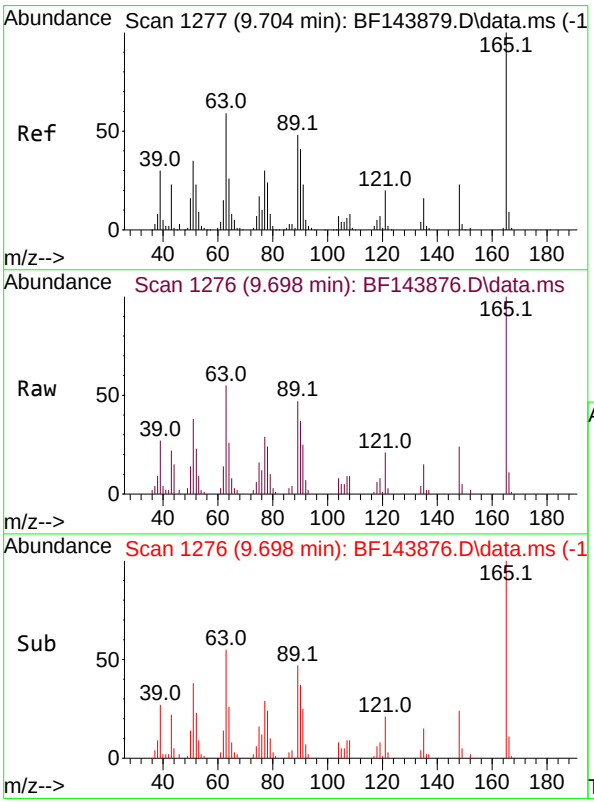
Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.3	4.9
164	9.4	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

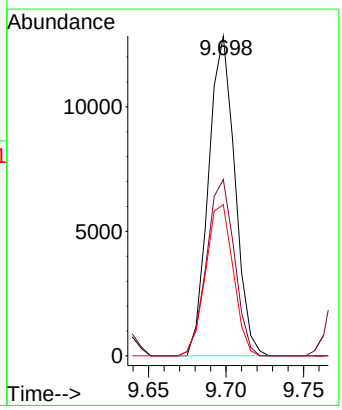
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

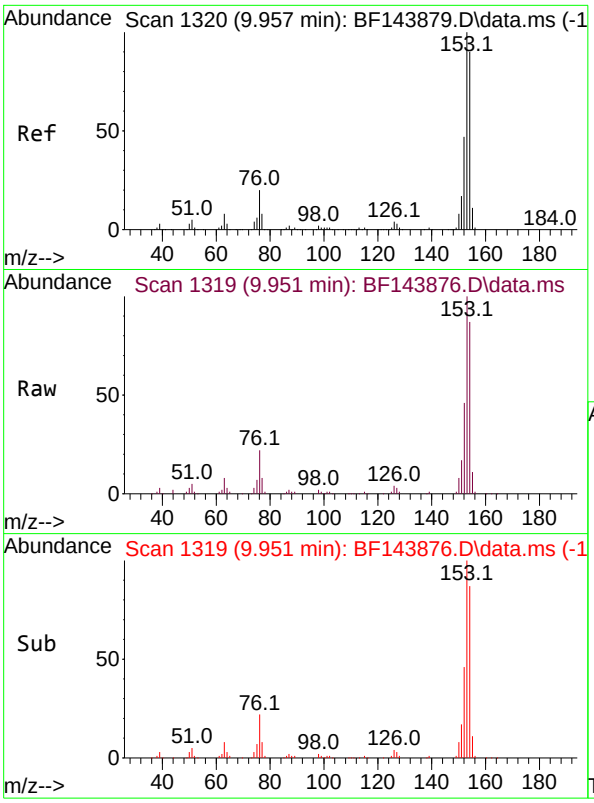


#51
2,6-Dinitrotoluene
Concen: 4.265 ng
RT: 9.698 min Scan# 1276
Delta R.T. -0.018 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

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

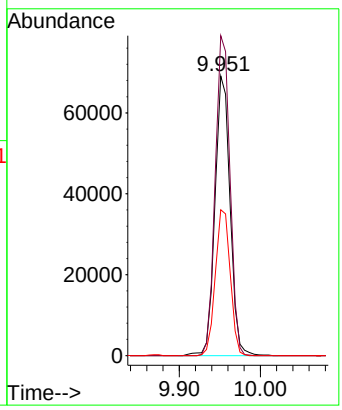




#52
Acenaphthene
Concen: 5.787 ng
RT: 9.951 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:154 Resp: 8924

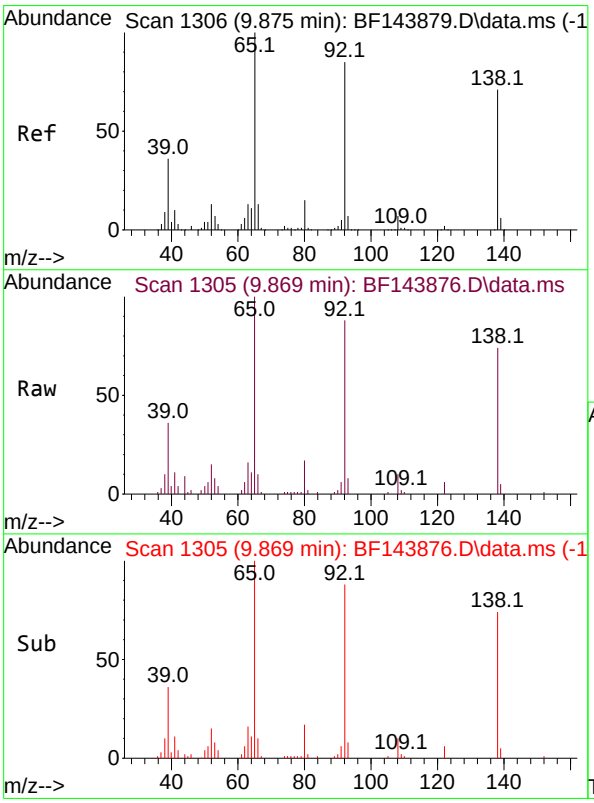
Ion	Ratio	Lower	Upper
154	100		
153	114.5	89.3	133.9
152	52.2	42.2	63.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

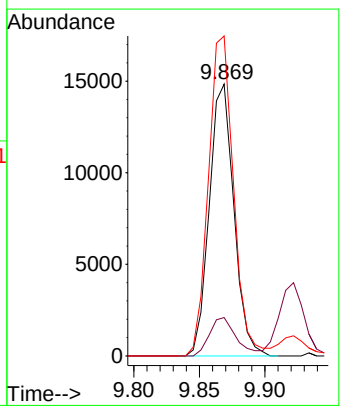
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

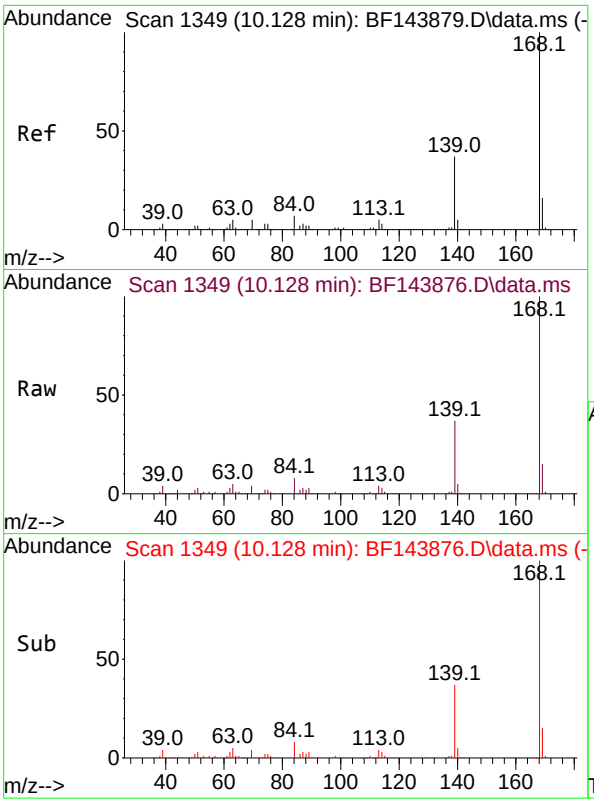


#53
3-Nitroaniline
Concen: 4.437 ng
RT: 9.869 min Scan# 1305
Delta R.T. -0.017 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

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

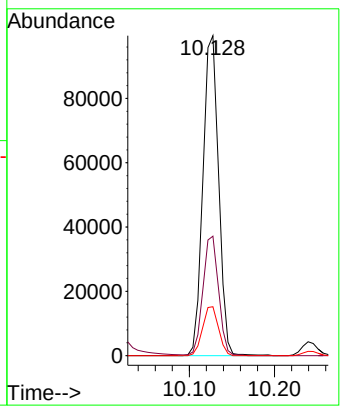




#55
Dibenzofuran
Concen: 5.852 ng
RT: 10.128 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:168 Resp: 12737

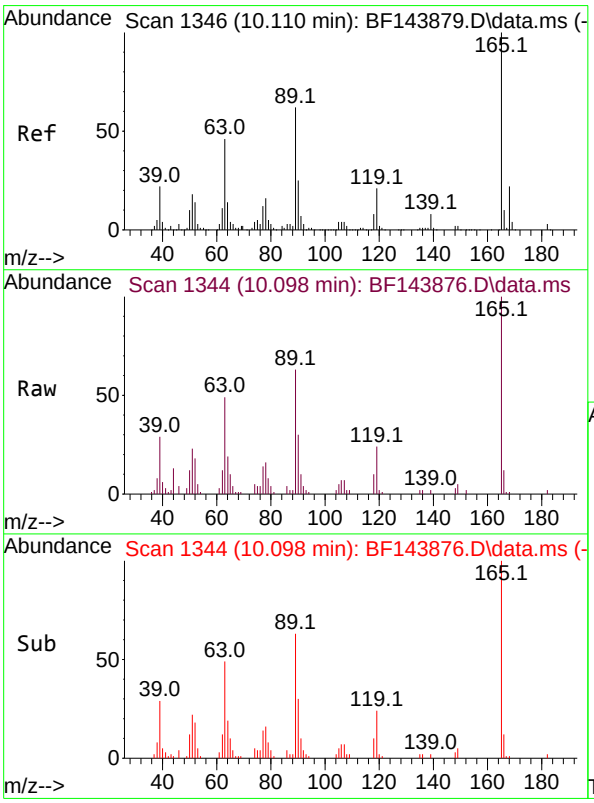
Ion	Ratio	Lower	Upper
168	100		
139	37.3	29.8	44.8
169	15.3	12.8	19.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

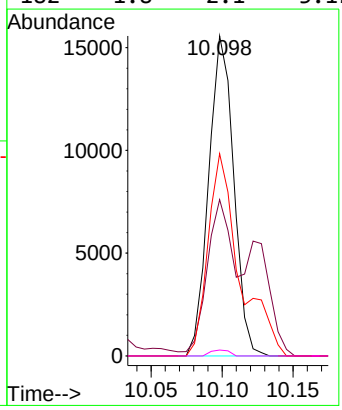
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

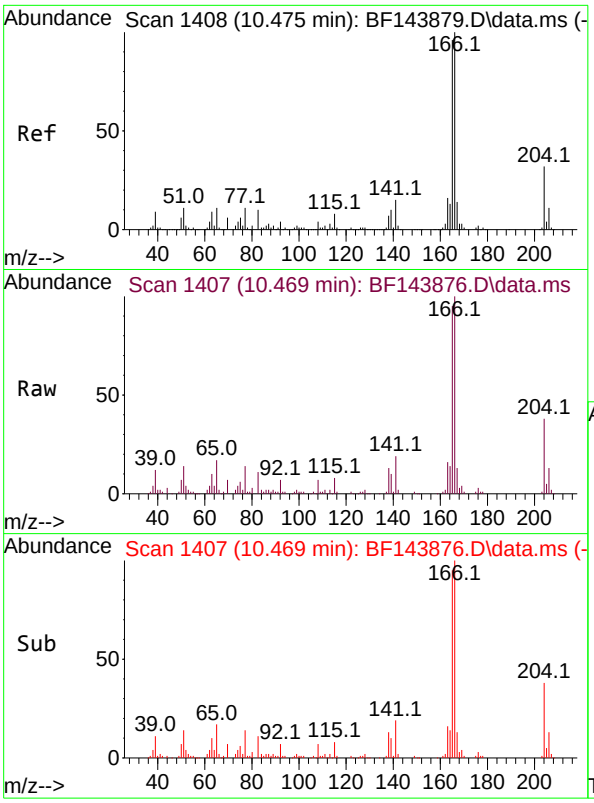


#57
2,4-Dinitrotoluene
Concen: 3.932 ng
RT: 10.098 min Scan# 1344
Delta R.T. -0.017 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

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#

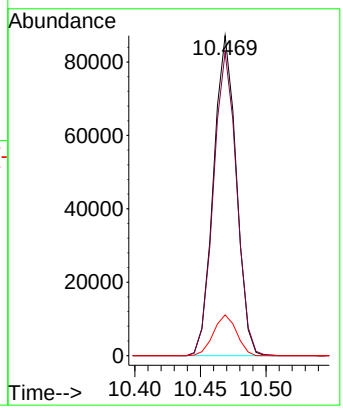




#58
Fluorene
Concen: 6.430 ng
RT: 10.469 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:166 Resp: 10560

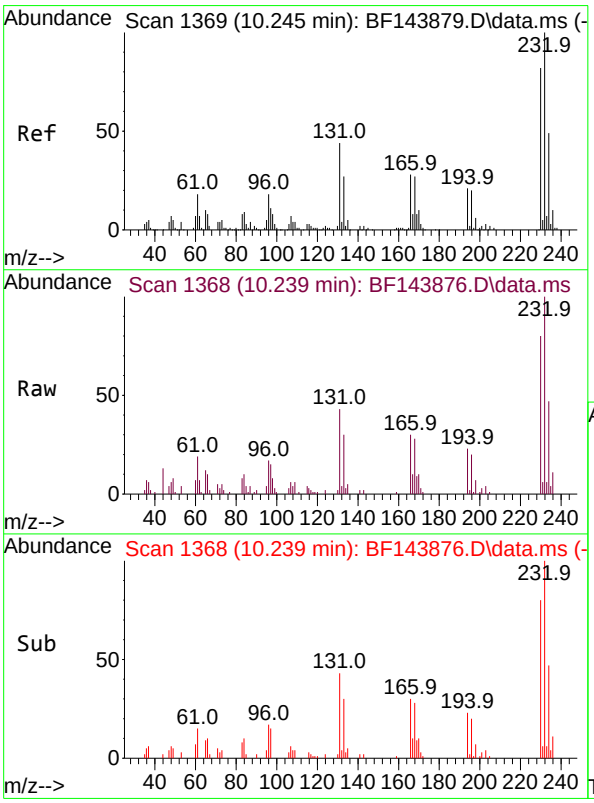
Ion	Ratio	Lower	Upper
166	100		
165	94.8	77.0	115.6
167	12.7	11.1	16.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

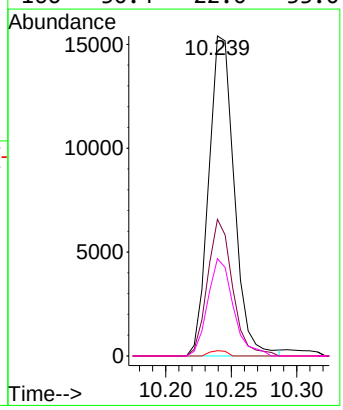
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

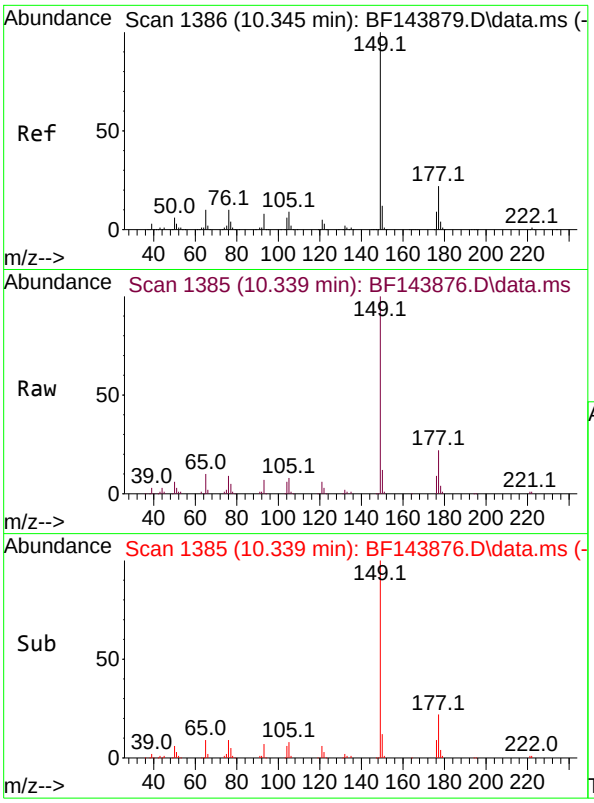


#59
2,3,4,6-Tetrachlorophenol
Concen: 4.560 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

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

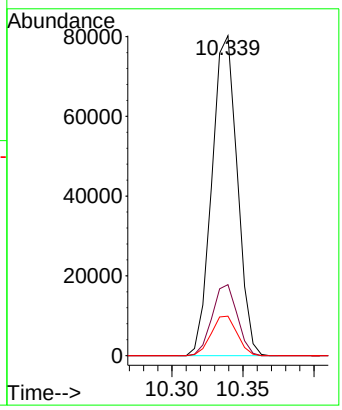




#60
Diethylphthalate
Concen: 5.590 ng
RT: 10.339 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:149 Resp: 10001

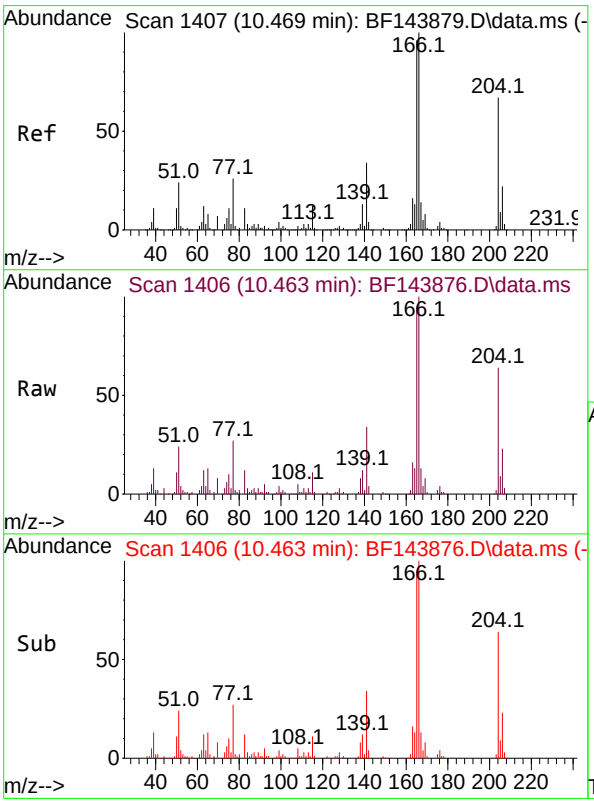
Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.9	26.9
150	12.3	9.8	14.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

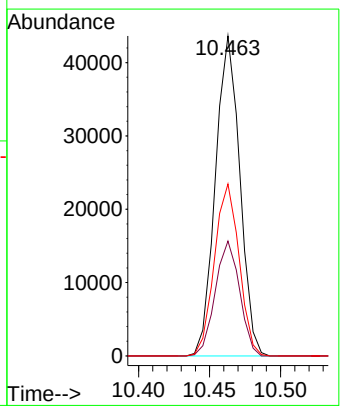
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

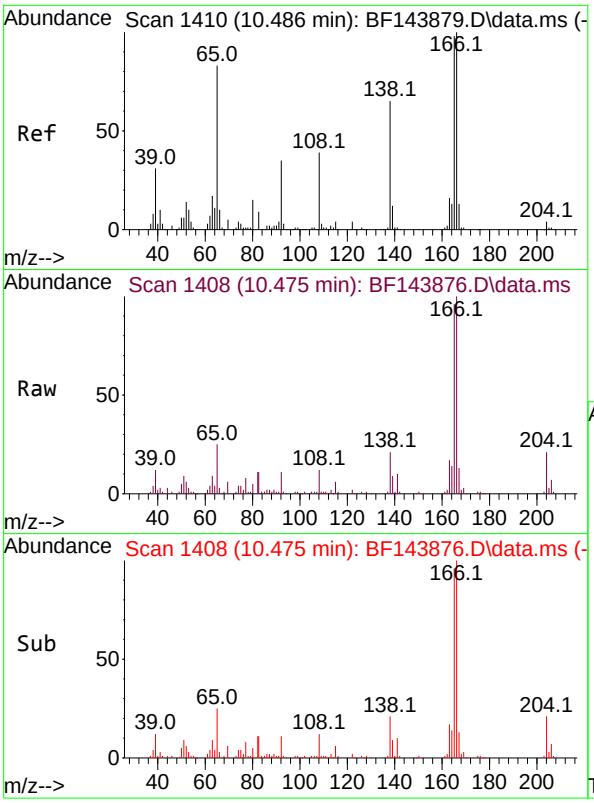


#61
4-Chlorophenyl-phenylether
Concen: 6.011 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

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

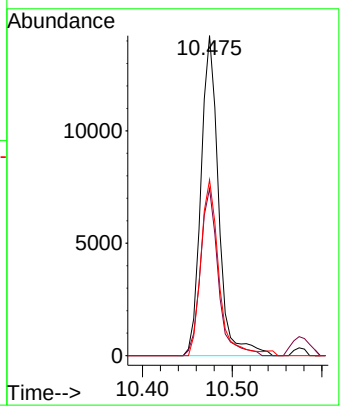




#62
4-Nitroaniline
Concen: 4.625 ng
RT: 10.475 min Scan# 14
Delta R.T. -0.035 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:138 Resp: 1944

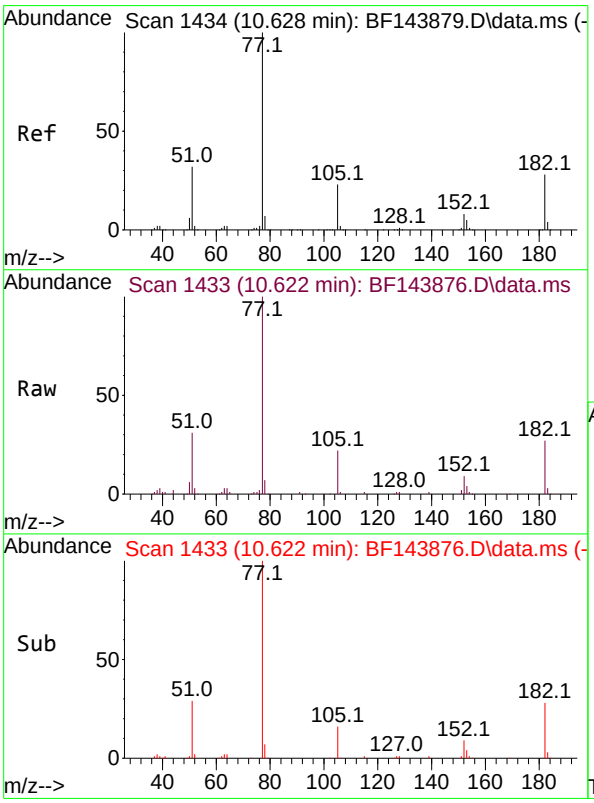
Ion	Ratio	Lower	Upper
138	100		
92	52.2	33.9	73.9
108	54.9	40.2	80.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

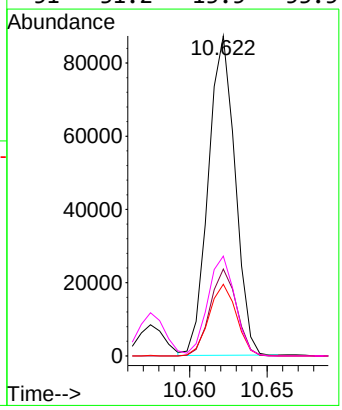
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

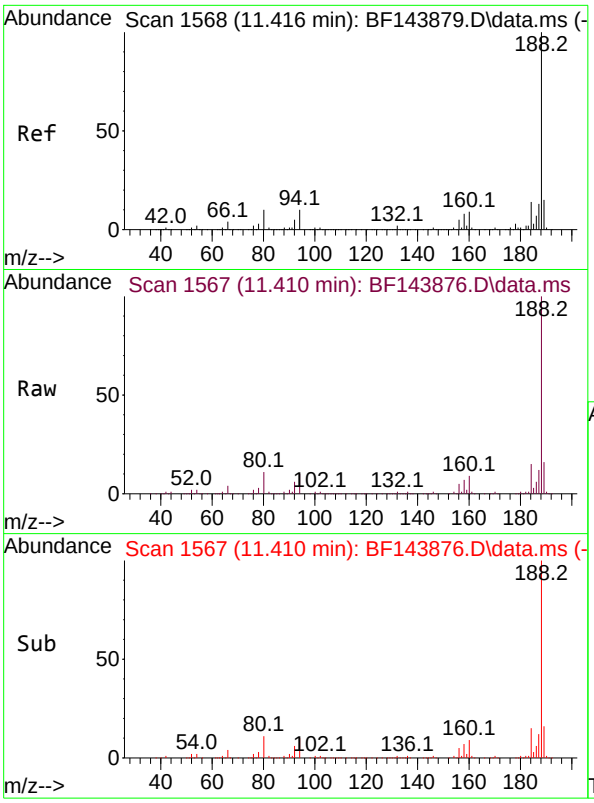


#63
Azobenzene
Concen: 5.625 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

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

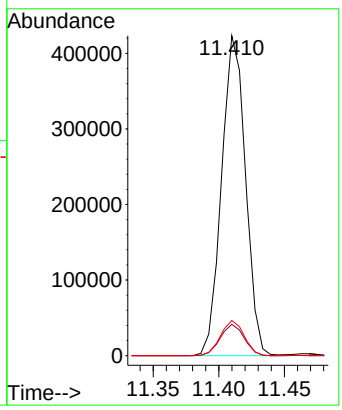




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:188 Resp: 538298

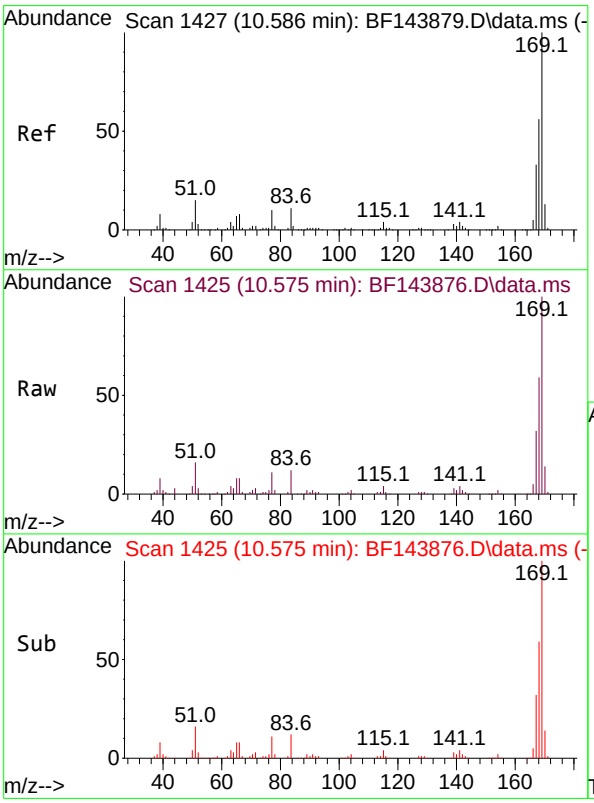
Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.8	11.6
80	11.0	7.9	11.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

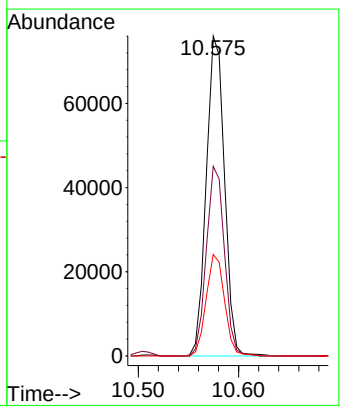
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

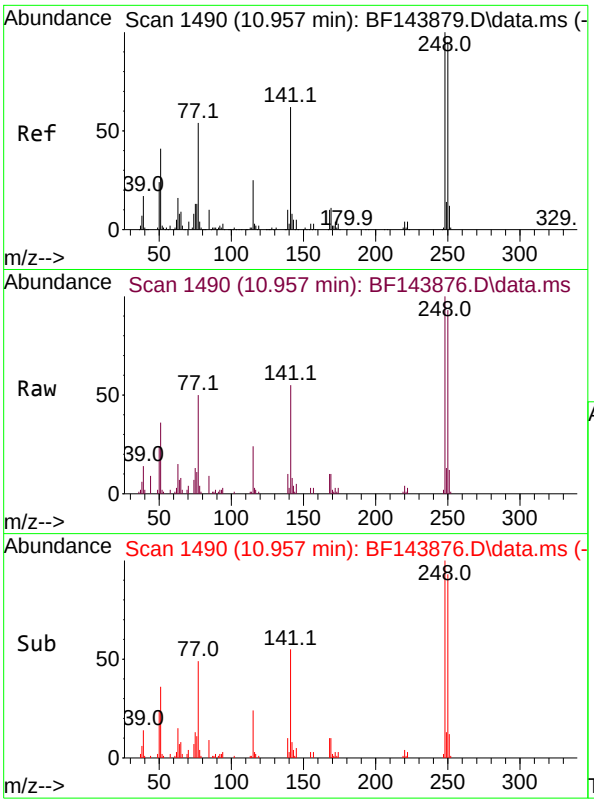


#66
n-Nitrosodiphenylamine
Concen: 5.671 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.017 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

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

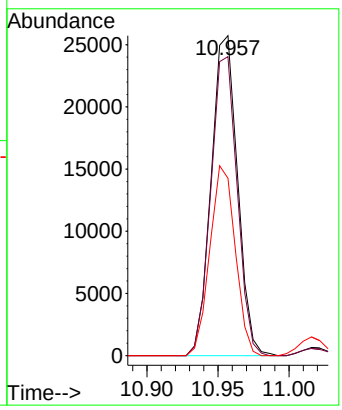
Tgt Ion:248 Resp: 3323

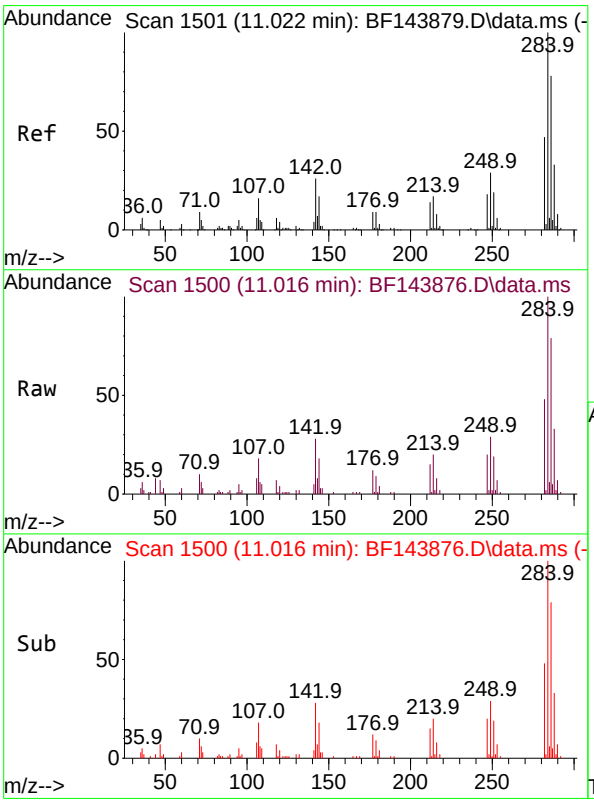
Ion	Ratio	Lower	Upper
248	100		
250	93.4	76.3	114.5
141	55.4	49.7	74.5

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

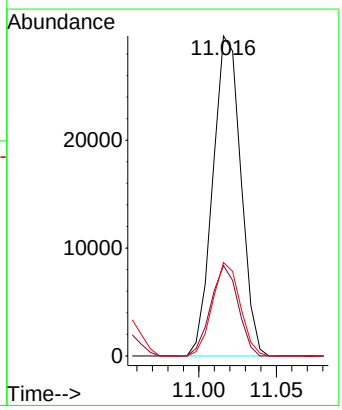


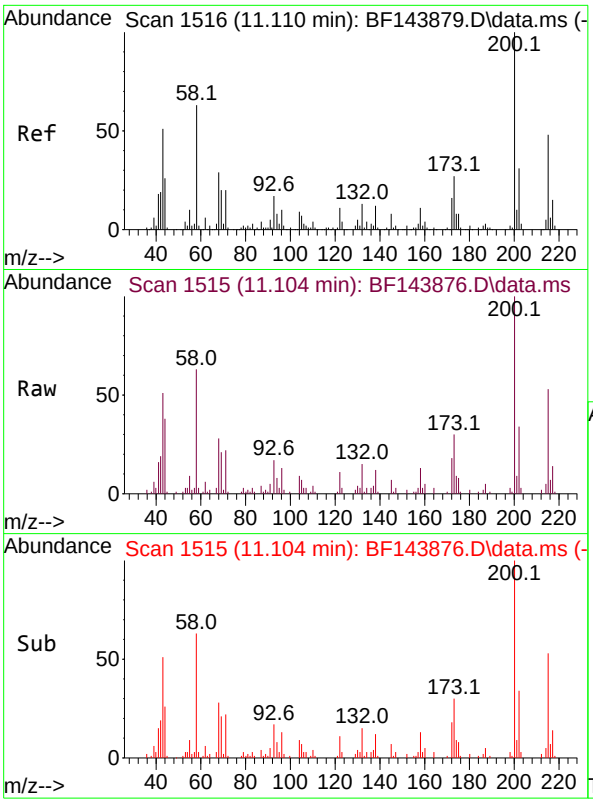


#68
Hexachlorobenzene
Concen: 5.406 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

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

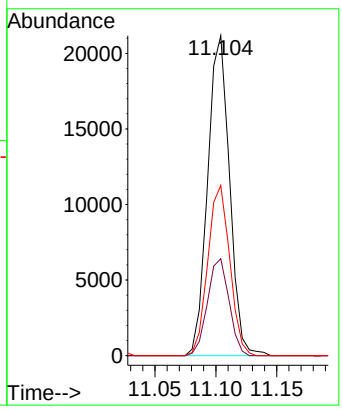




#69
Atrazine
Concen: 5.174 ng
RT: 11.104 min Scan# 1
Delta R.T. -0.017 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:200 Resp: 2650

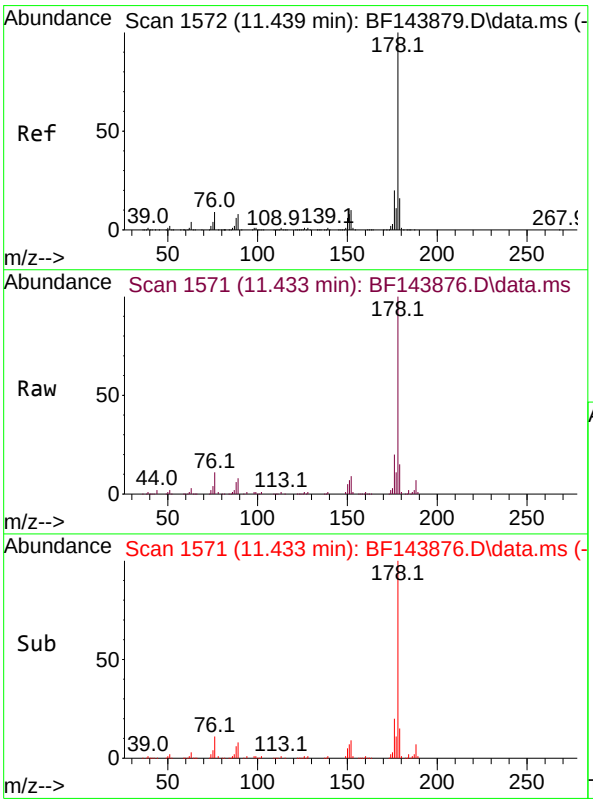
Ion	Ratio	Lower	Upper
200	100		
173	30.3	7.0	47.0
215	53.2	27.8	67.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
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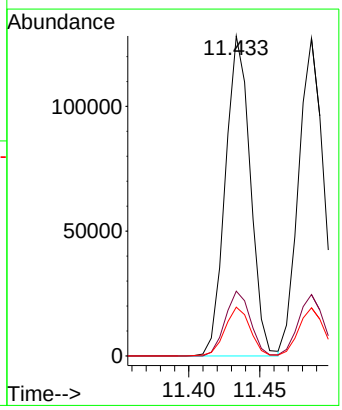
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

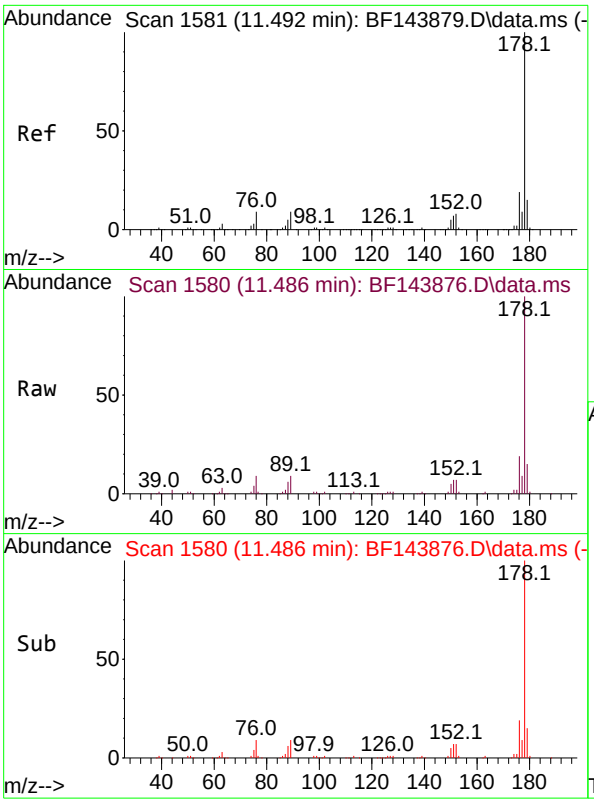


#71
Phenanthrene
Concen: 6.004 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

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

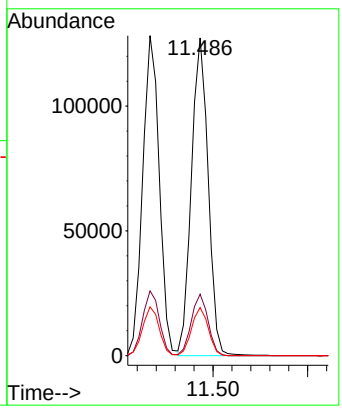




#72
Anthracene
Concen: 5.928 ng
RT: 11.486 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:178 Resp: 15628

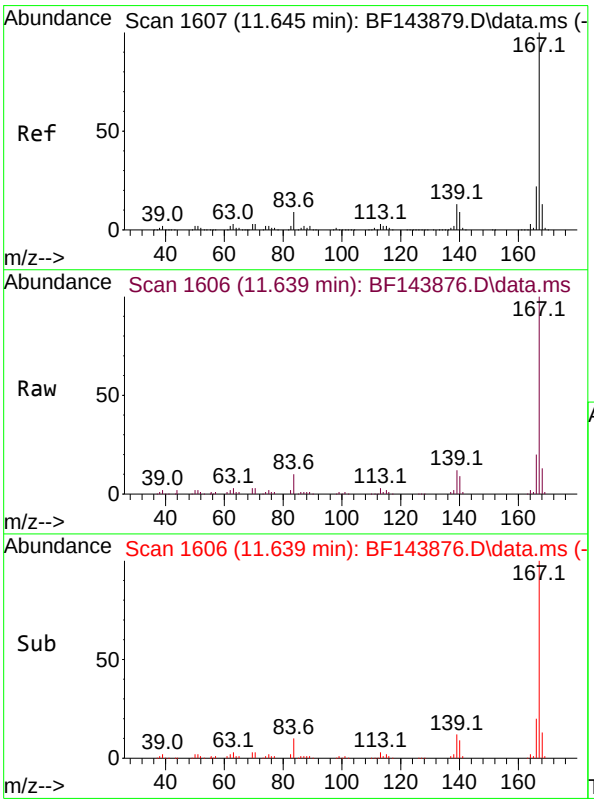
Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.9	22.3
179	15.1	12.2	18.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
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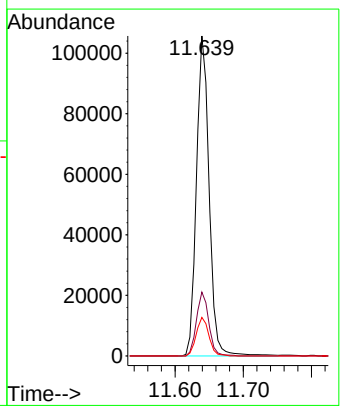
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

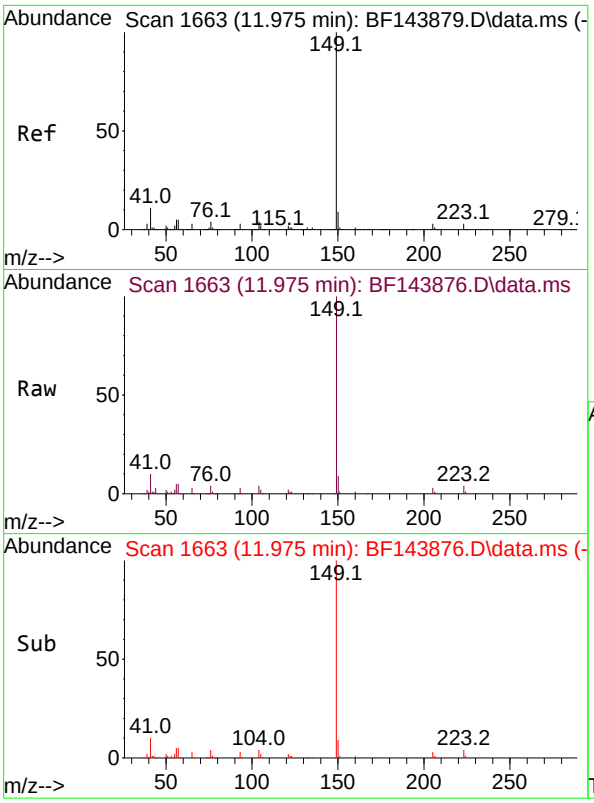


#73
Carbazole
Concen: 5.850 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

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

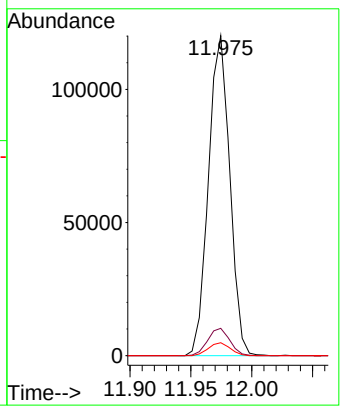




#74
Di-n-butylphthalate
Concen: 5.417 ng
RT: 11.975 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:149 Resp: 14659

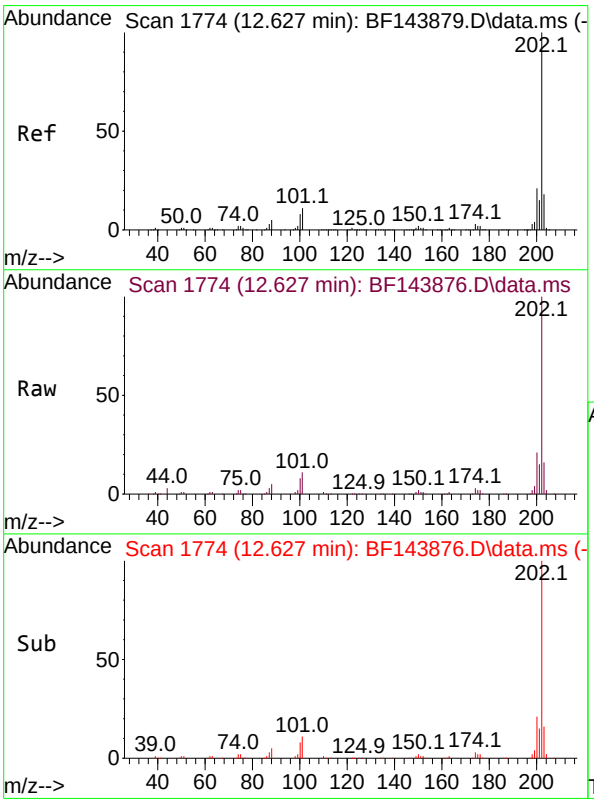
Ion	Ratio	Lower	Upper
149	100		
150	8.5	7.4	11.2
104	4.0	3.4	5.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

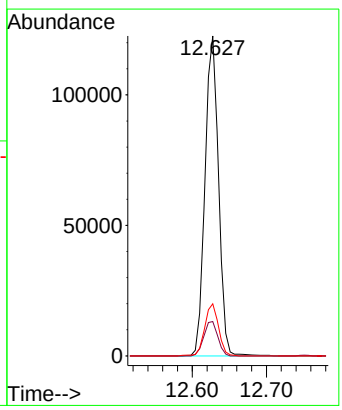
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

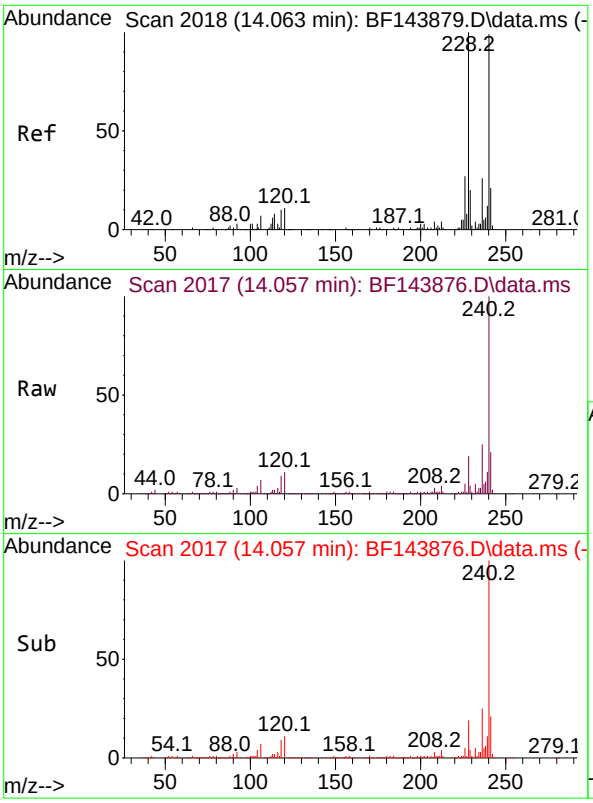


#75
Fluoranthene
Concen: 5.771 ng
RT: 12.627 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

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

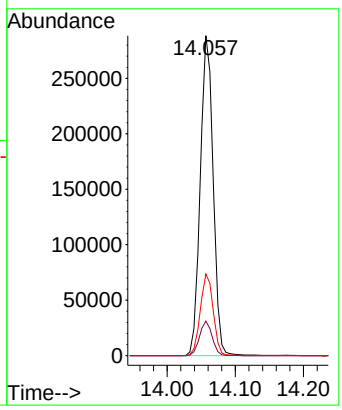




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2(
Delta R.T. -0.011 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:240 Resp: 37993

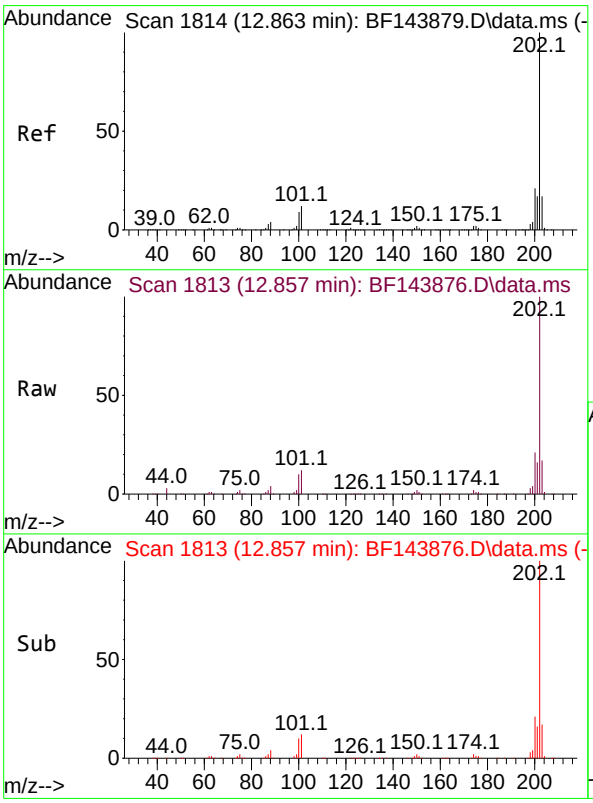
Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.6	13.0
236	25.5	21.1	31.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

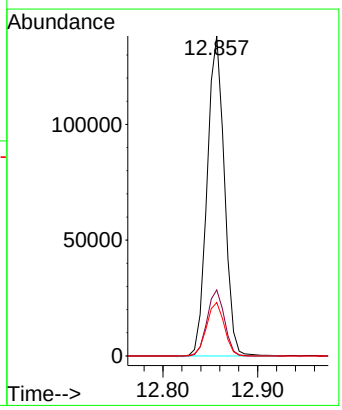
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

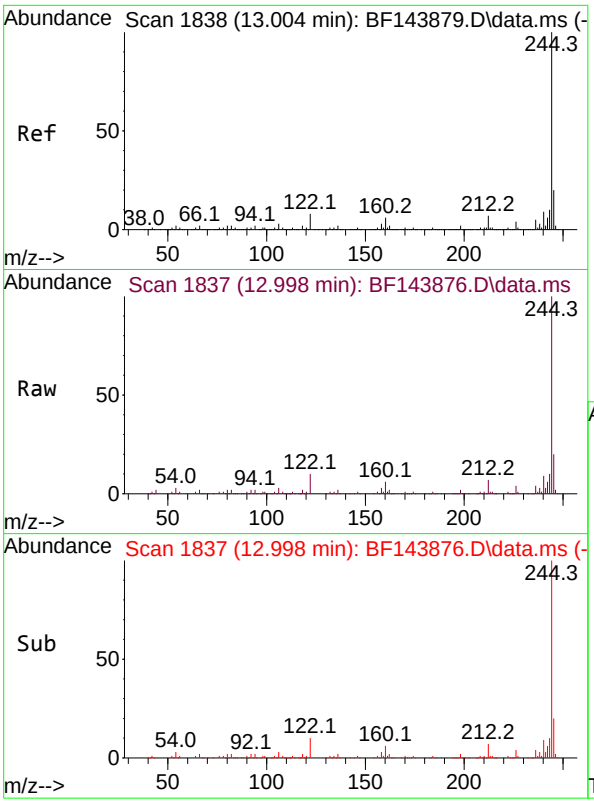


#78
Pyrene
Concen: 5.510 ng
RT: 12.857 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

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

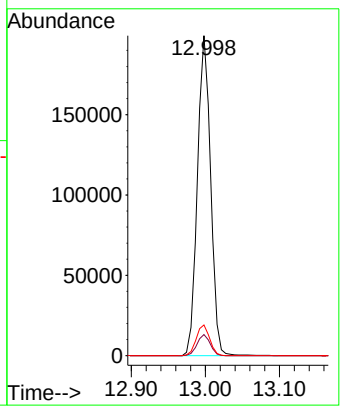




#79
Terphenyl-d14
Concen: 11.121 ng
RT: 12.998 min Scan# 18
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:244 Resp: 24722

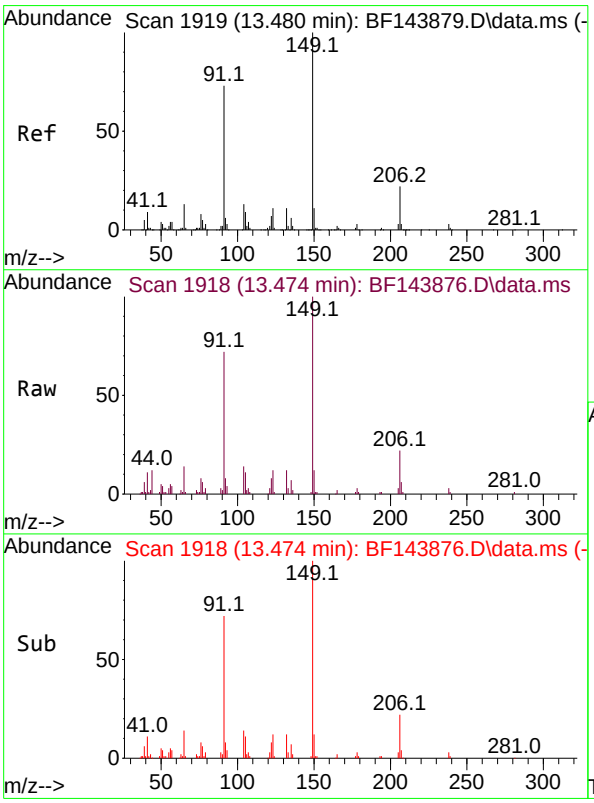
Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	9.6	6.4	9.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

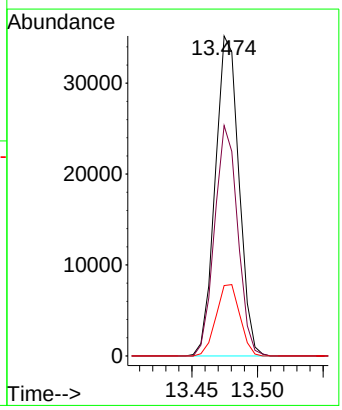
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

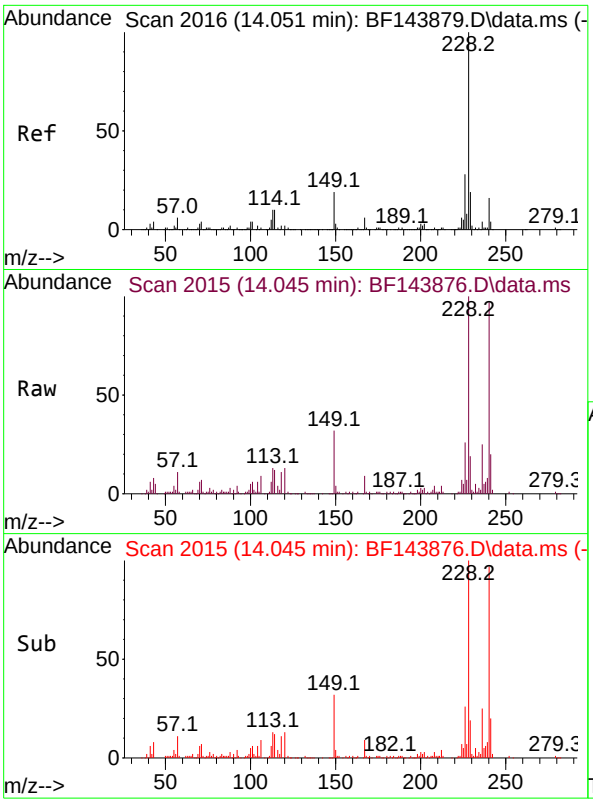


#80
Butylbenzylphthalate
Concen: 4.302 ng
RT: 13.474 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

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

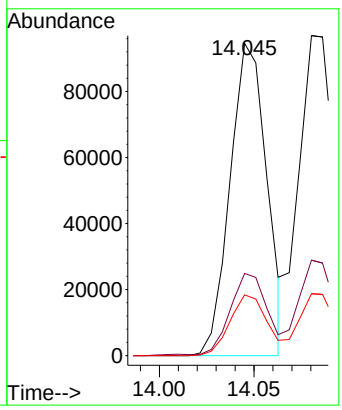




#81
Benzo(a)anthracene
Concen: 5.125 ng
RT: 14.045 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:228 Resp: 12743

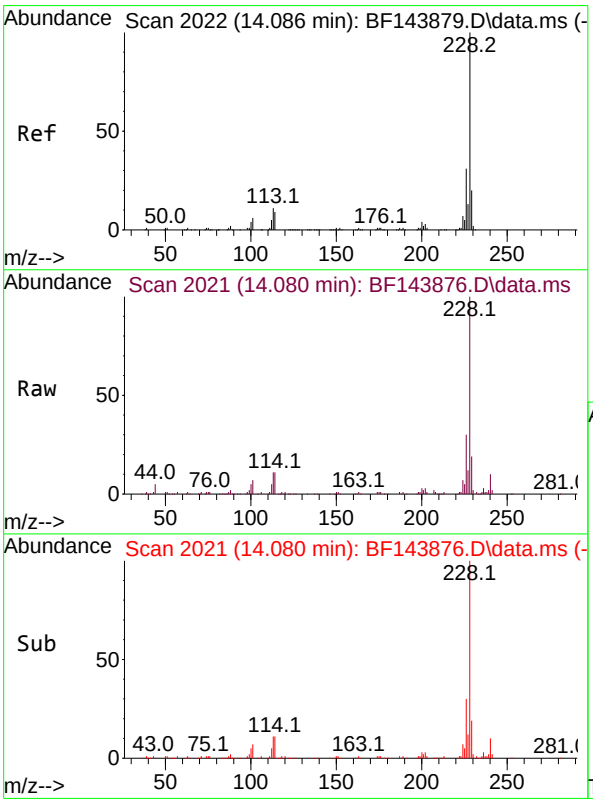
Ion	Ratio	Lower	Upper
228	100		
226	26.3	22.2	33.2
229	19.4	15.6	23.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

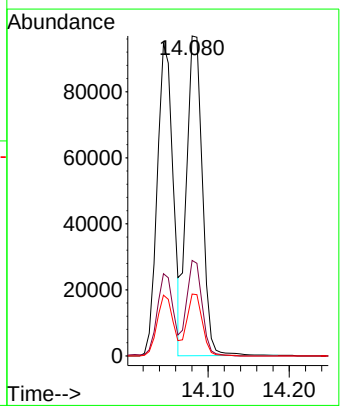
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

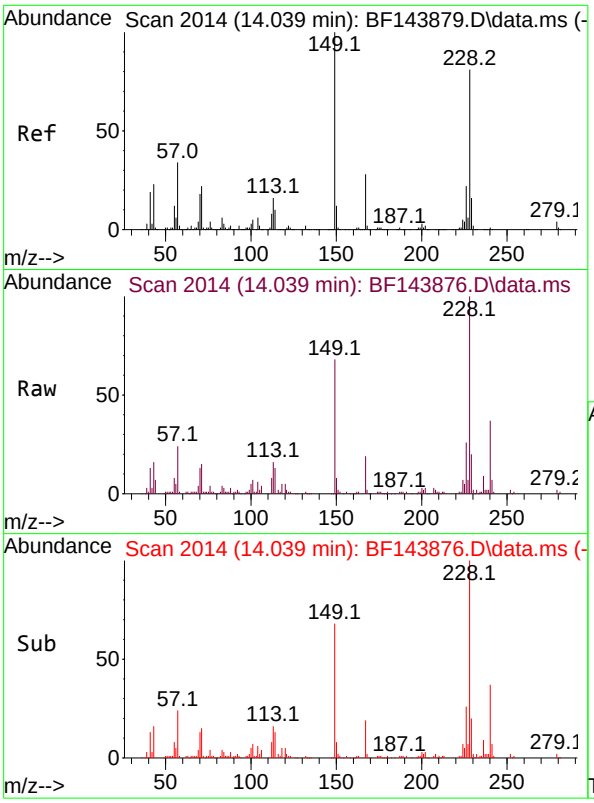


#83
Chrysene
Concen: 5.669 ng
RT: 14.080 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

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

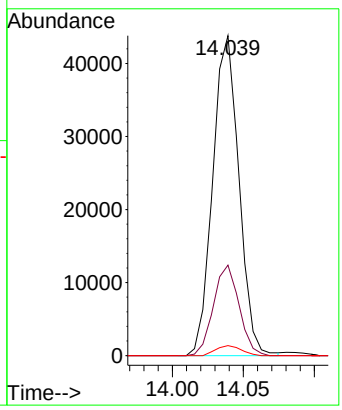




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.529 ng
RT: 14.039 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:149 Resp: 5616

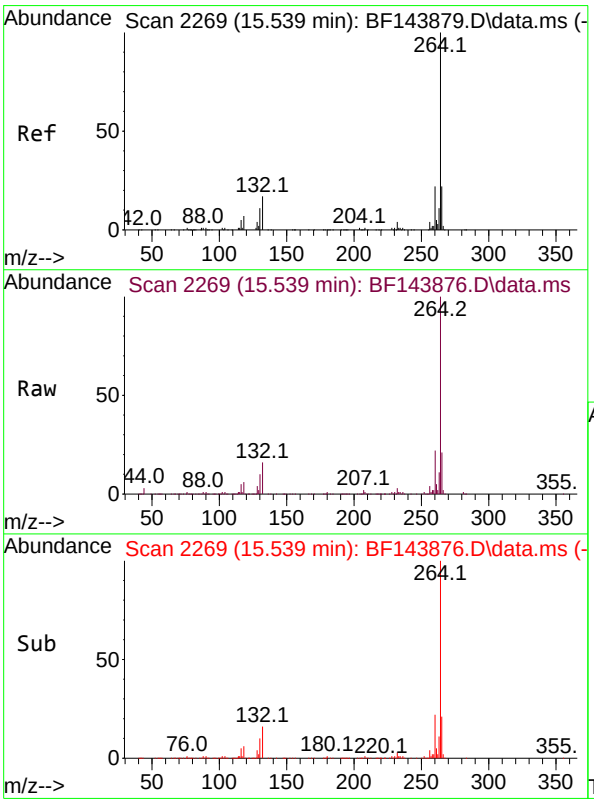
Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.2	33.4
279	3.1	3.1	4.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

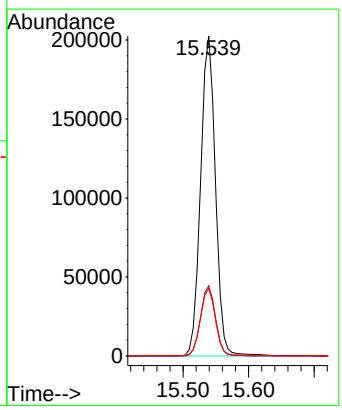
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

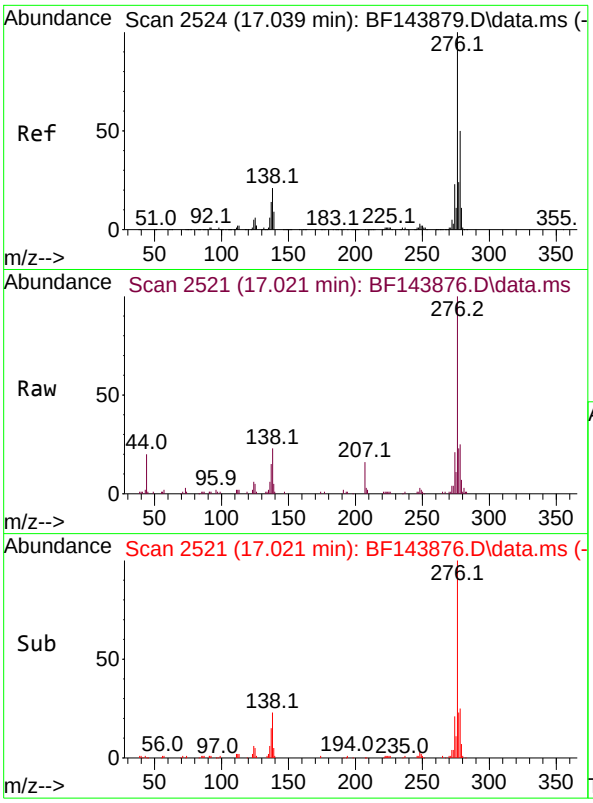


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

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

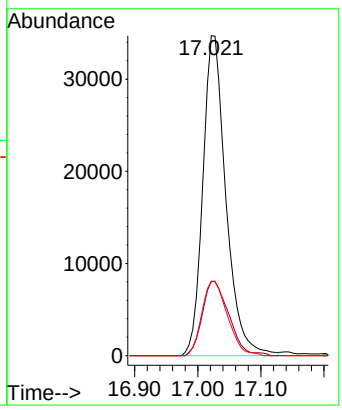




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.544 ng
RT: 17.021 min Scan# 2
Delta R.T. -0.035 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:276 Resp: 8832

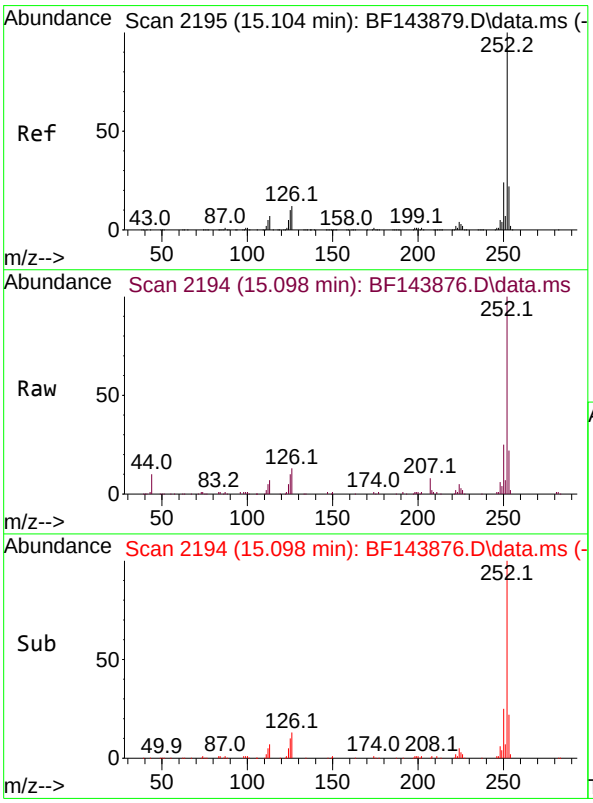
Ion	Ratio	Lower	Upper
276	100		
138	26.7	18.2	27.2
277	25.7	19.8	29.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

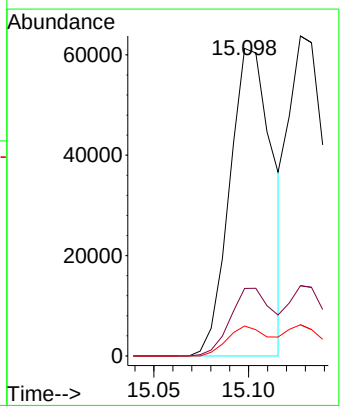
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

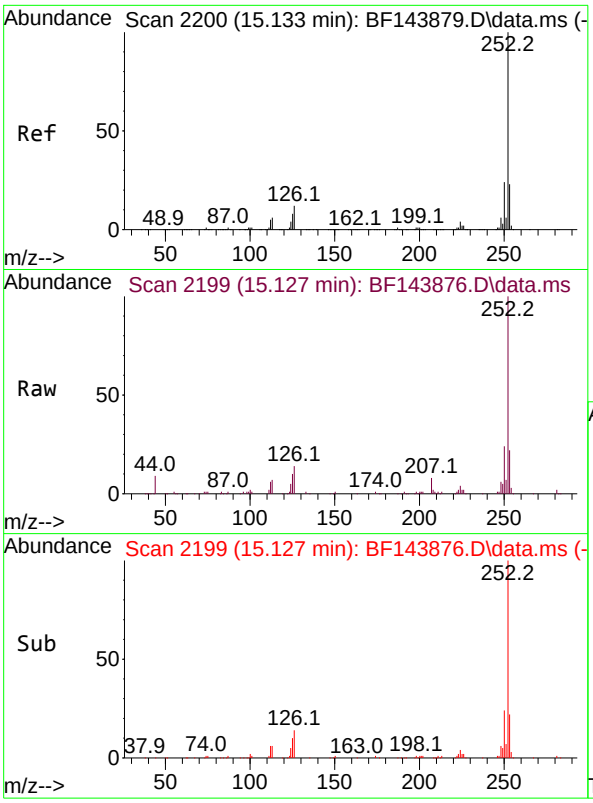


#88
Benzo(b)fluoranthene
Concen: 5.255 ng
RT: 15.098 min Scan# 2194
Delta R.T. -0.017 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

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

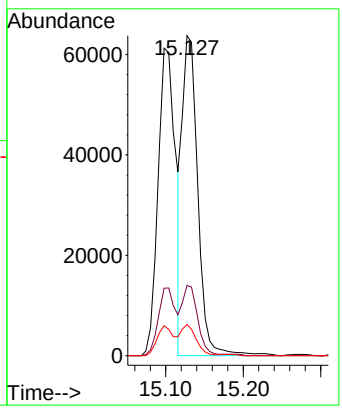




#89
Benzo(k)fluoranthene
Concen: 5.352 ng
RT: 15.127 min Scan# 21
Delta R.T. -0.017 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:252 Resp: 9022

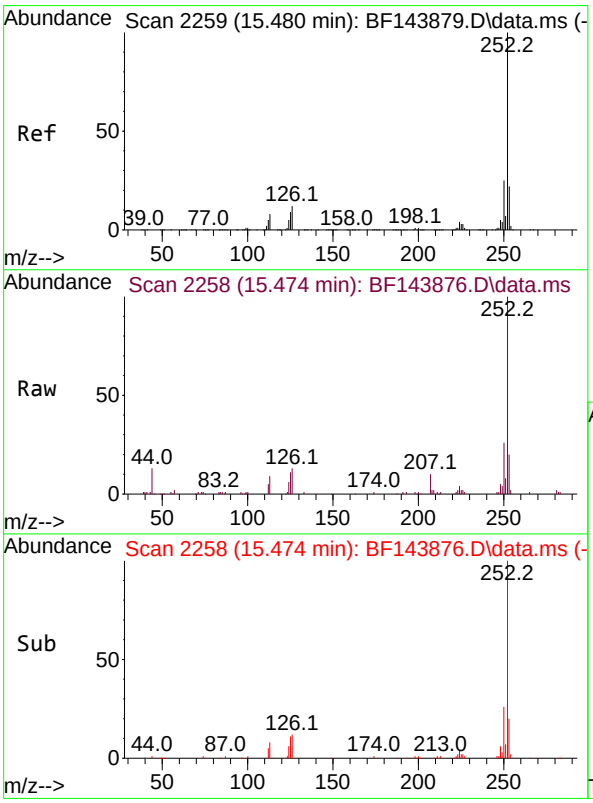
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	9.7	7.4	11.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

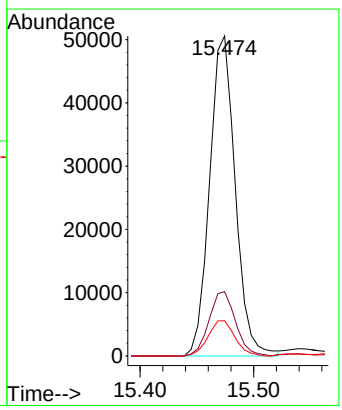
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

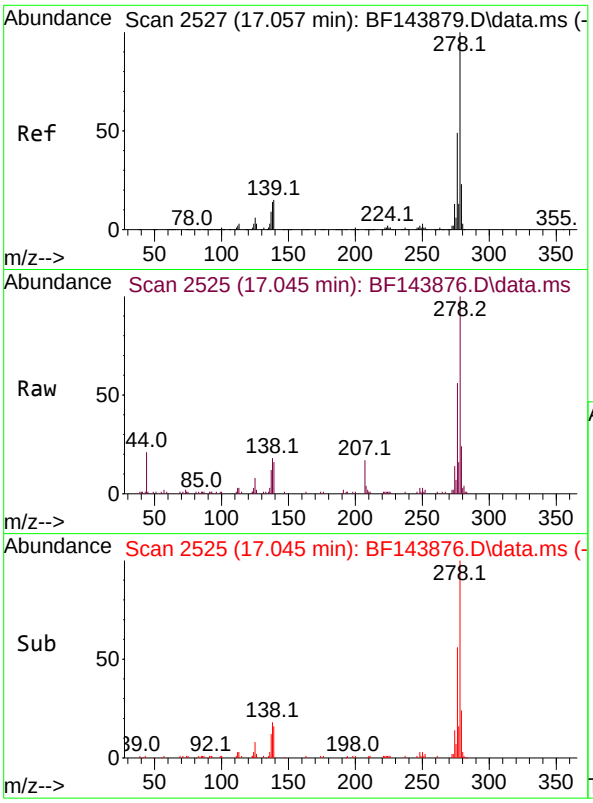


#90
Benzo(a)pyrene
Concen: 5.018 ng
RT: 15.474 min Scan# 2258
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

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#

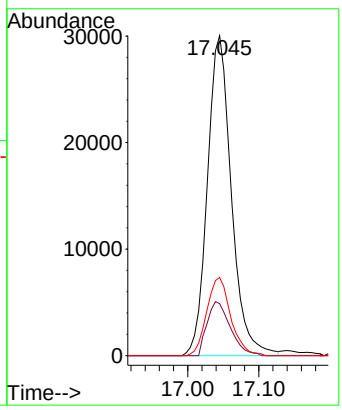




#91
Dibenzo(a,h)anthracene
Concen: 4.507 ng
RT: 17.045 min Scan# 2
Delta R.T. -0.035 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:278 Resp: 7045

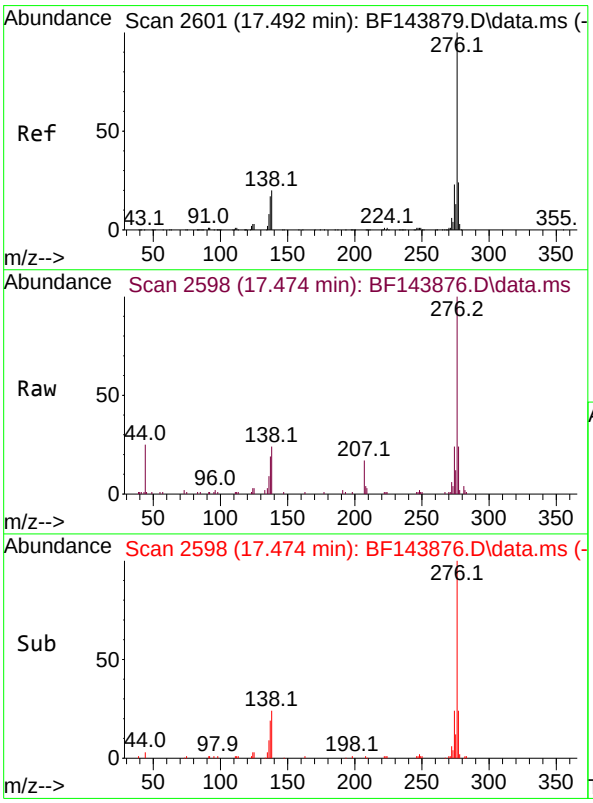
Ion	Ratio	Lower	Upper
278	100		
139	16.2	11.7	17.5
279	24.4	18.4	27.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

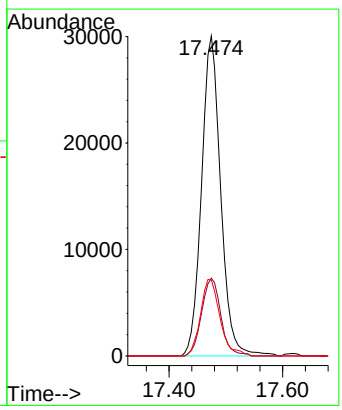
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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



ICAL Form

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

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

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

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	114780m	10.109	ng	
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	32361m	6.721	ng	
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

ICAL Form

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

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

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

	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

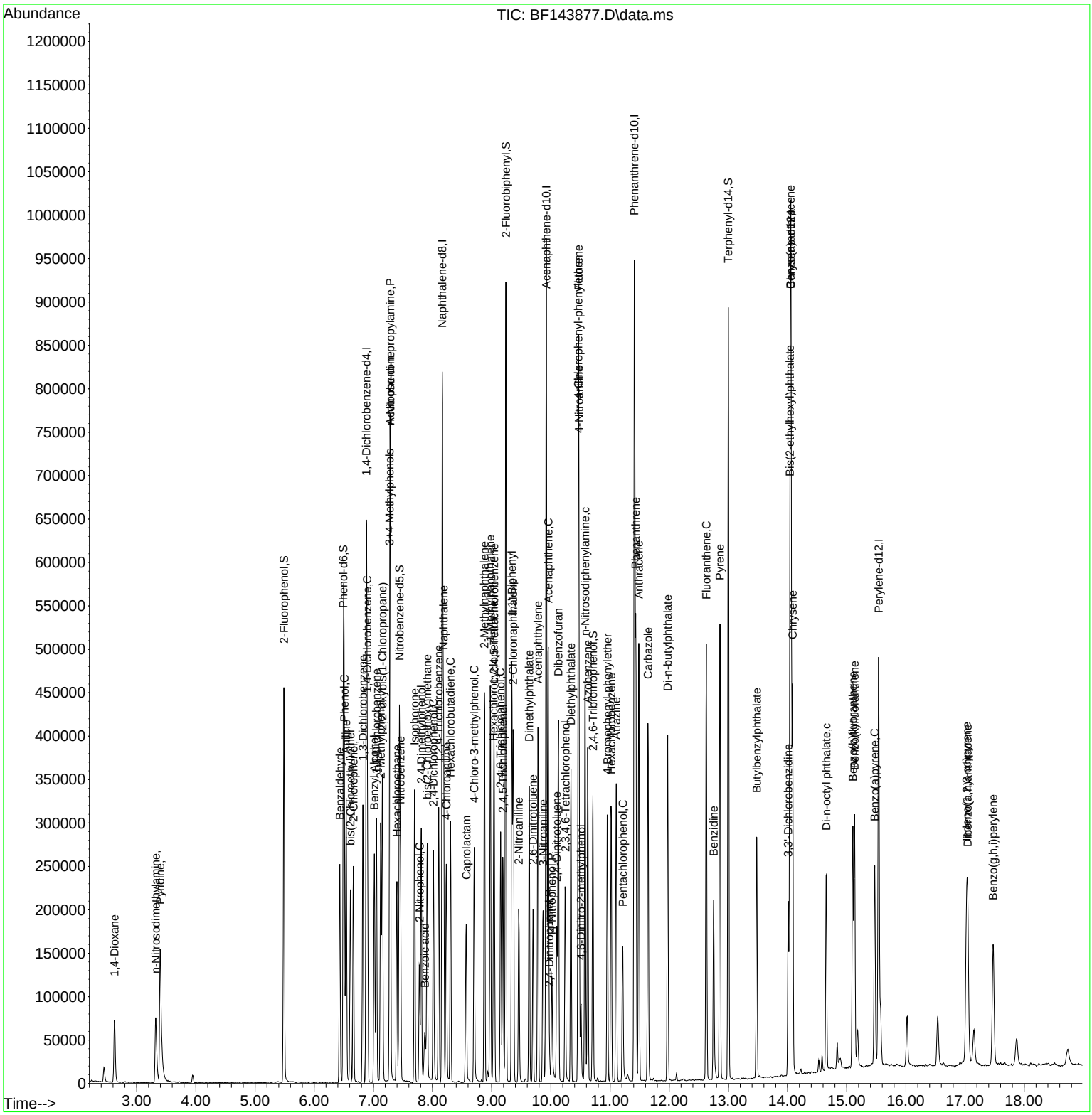
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143877.D
Acq On : 06 Oct 2025 10:57
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

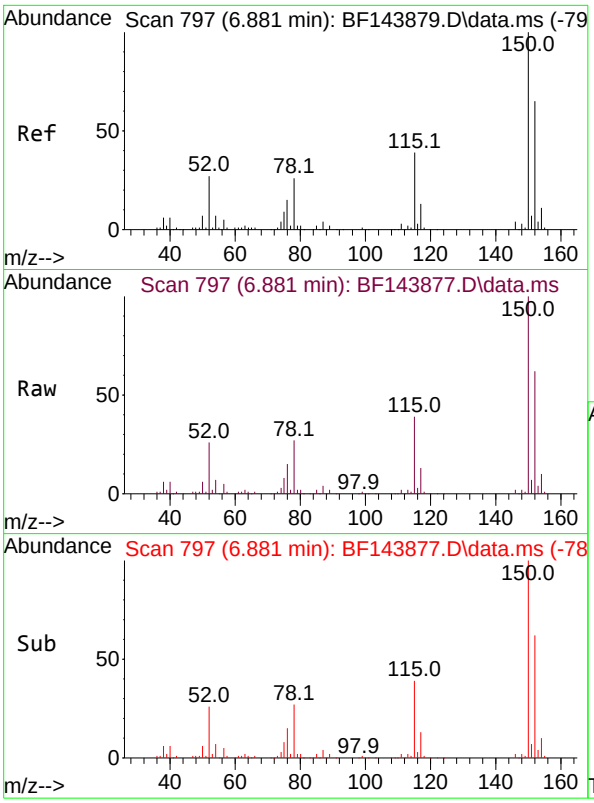
Quant Time: Oct 06 15:38:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

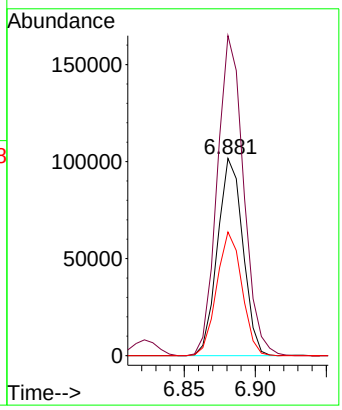




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:152 Resp: 12653

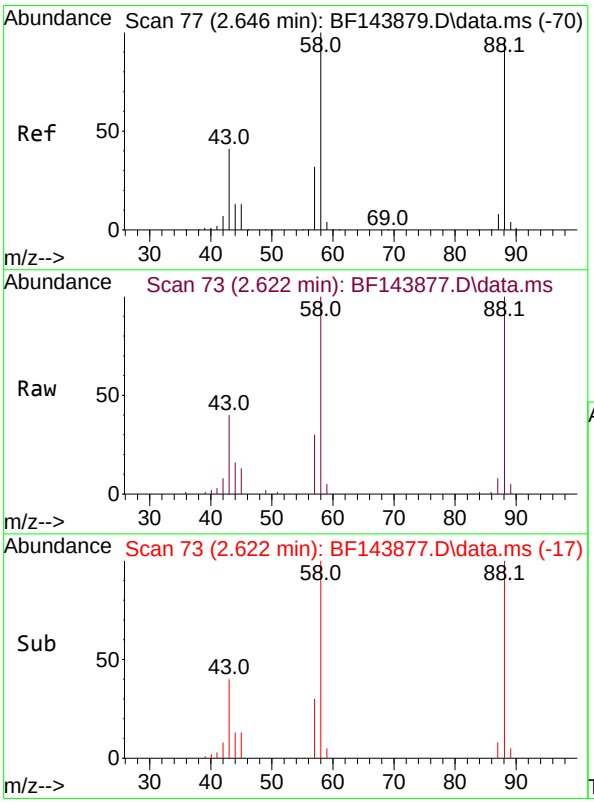
Ion	Ratio	Lower	Upper
152	100		
150	162.3	124.4	186.6
115	62.7	48.1	72.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

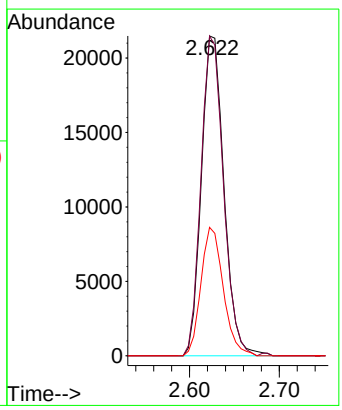
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

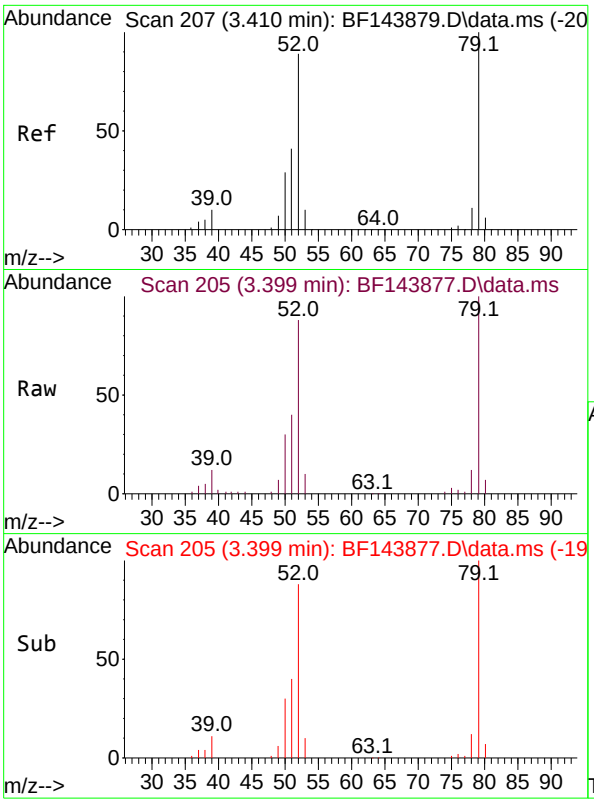


#2
1,4-Dioxane
Concen: 10.215 ng
RT: 2.622 min Scan# 73
Delta R.T. -0.023 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

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

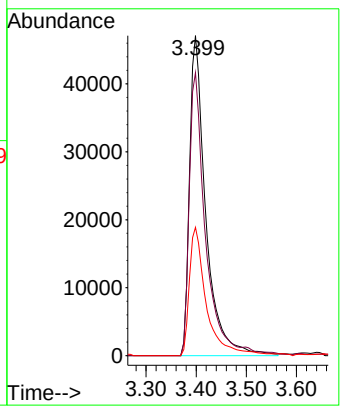




#3
Pyridine
Concen: 9.856 ng
RT: 3.399 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion: 79 Resp: 10580

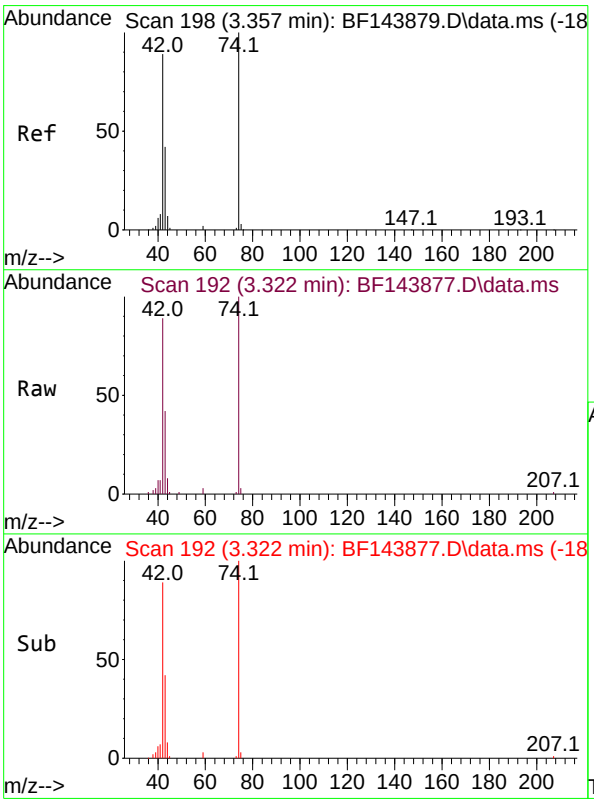
Ion	Ratio	Lower	Upper
79	100		
52	88.4	71.5	107.3
51	40.1	32.9	49.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

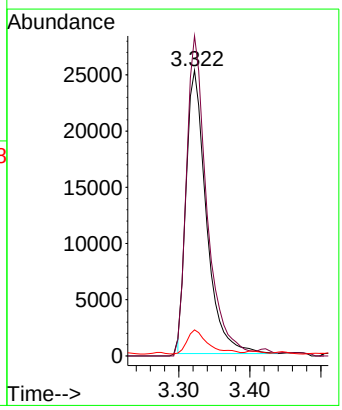
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

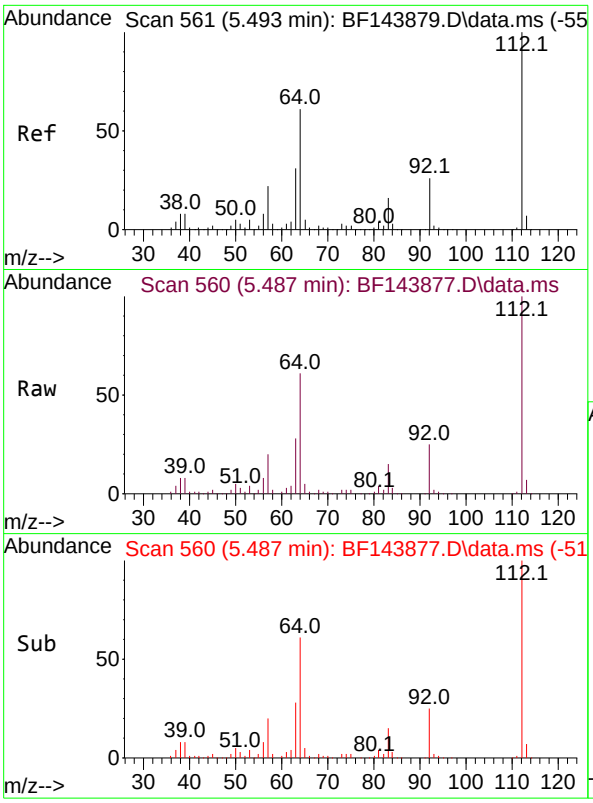


#4
n-Nitrosodimethylamine
Concen: 8.818 ng
RT: 3.322 min Scan# 192
Delta R.T. -0.065 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

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

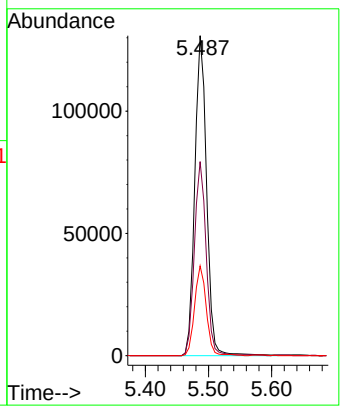
Tgt Ion:112 Resp: 17069

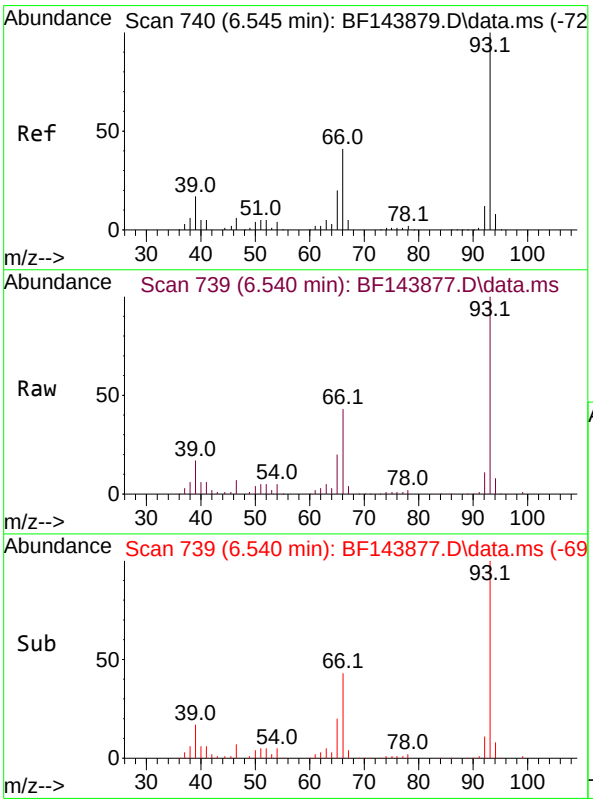
Ion	Ratio	Lower	Upper
112	100		
64	60.6	49.1	73.7
63	28.0	24.5	36.7

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

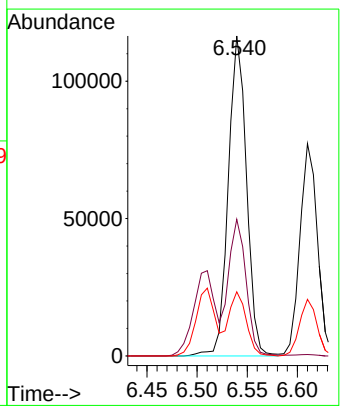


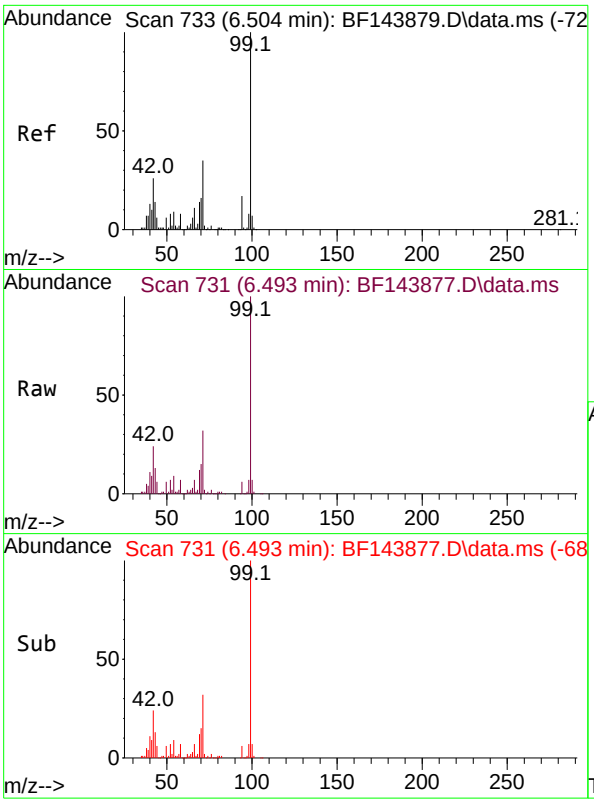


#6
Aniline
Concen: 10.344 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

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

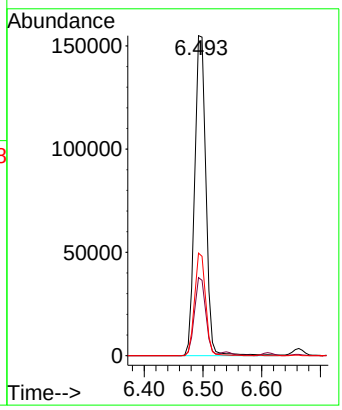




#7
Phenol-d6
Concen: 21.727 ng
RT: 6.493 min Scan# 7
Delta R.T. -0.023 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion: 99 Resp: 20635

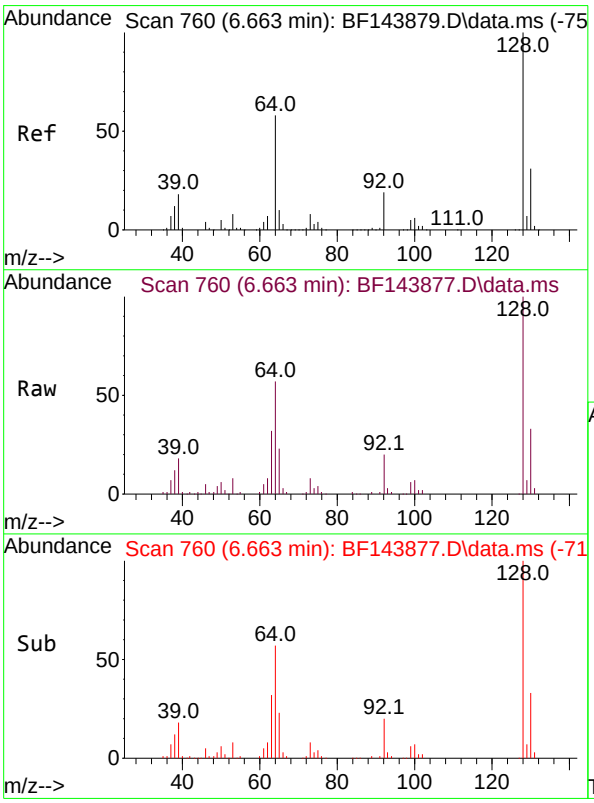
Ion	Ratio	Lower	Upper
99	100		
42	24.4	21.0	31.4
71	32.0	27.8	41.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

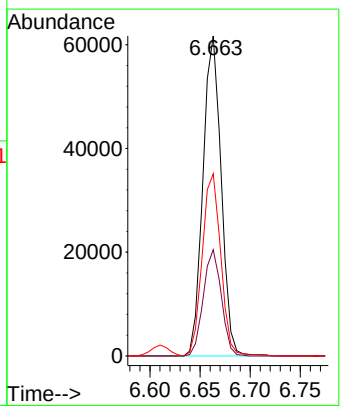
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

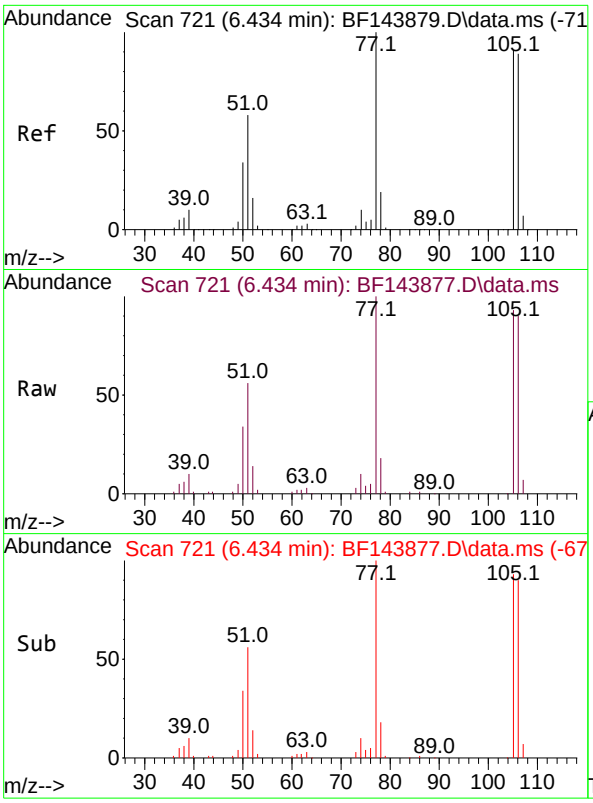


#8
2-Chlorophenol
Concen: 9.983 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

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

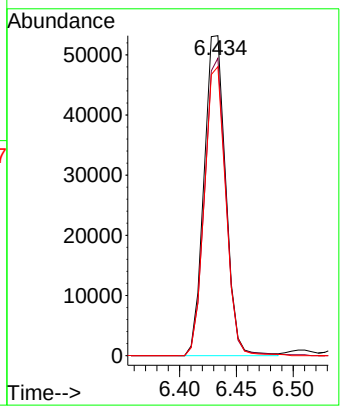




#9
Benzaldehyde
Concen: 9.629 ng
RT: 6.434 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion: 77 Resp: 7054

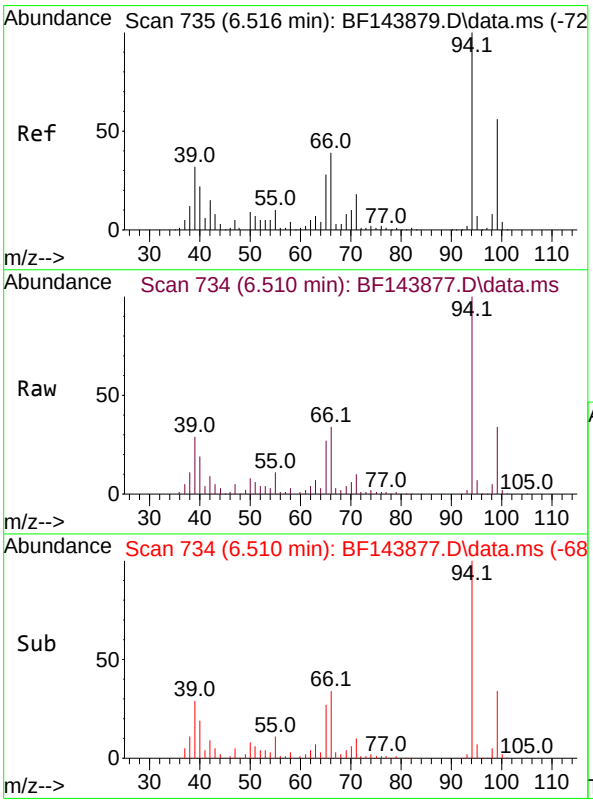
Ion	Ratio	Lower	Upper
77	100		
105	92.9	70.9	110.9
106	90.3	68.9	108.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

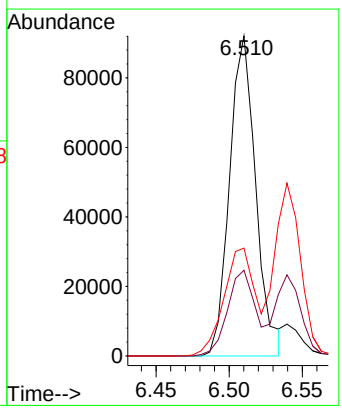
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

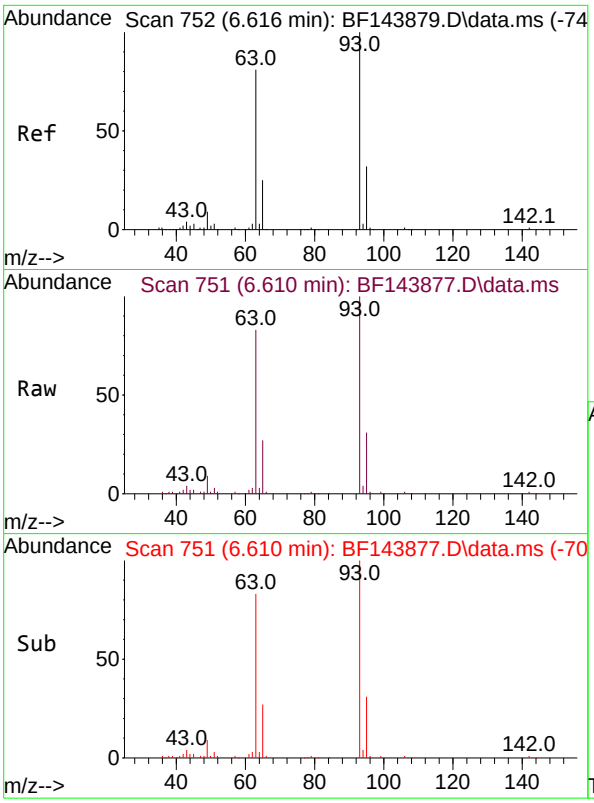


#10
Phenol
Concen: 10.109 ng m
RT: 6.510 min Scan# 734
Delta R.T. -0.023 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion: 94 Resp: 114780

Ion	Ratio	Lower	Upper
94	100		
65	26.8	8.5	48.5
66	33.7	19.9	59.9

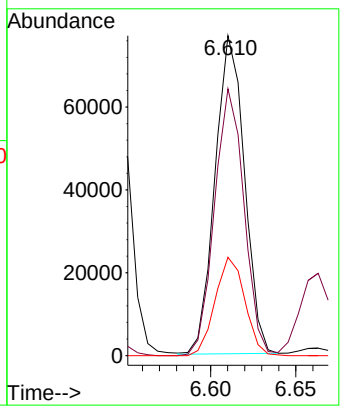




#11
bis(2-Chloroethyl)ether
Concen: 10.513 ng
RT: 6.610 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion: 93 Resp: 9220

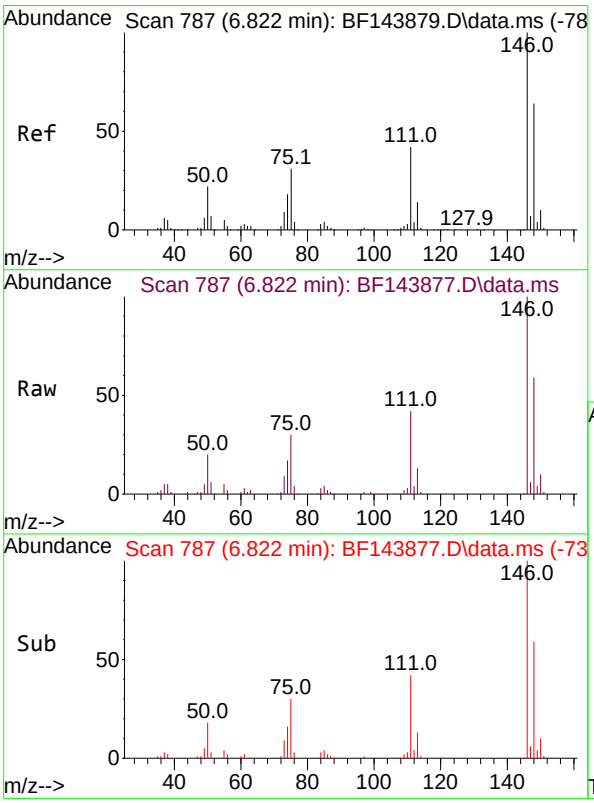
Ion	Ratio	Lower	Upper
93	100		
63	83.4	60.9	100.9
95	30.7	11.5	51.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

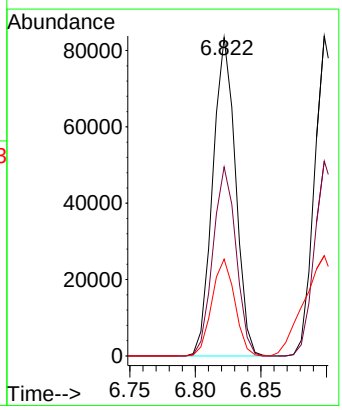
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

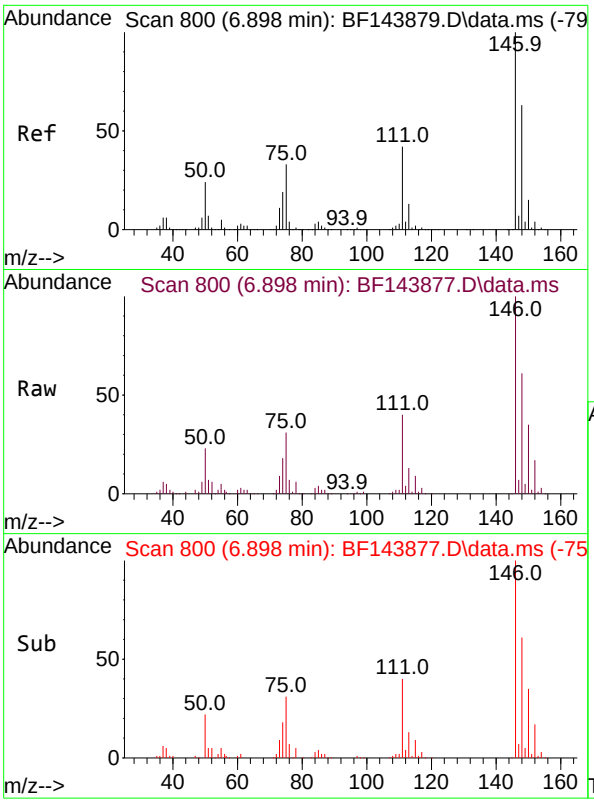


#12
1,3-Dichlorobenzene
Concen: 10.793 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

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

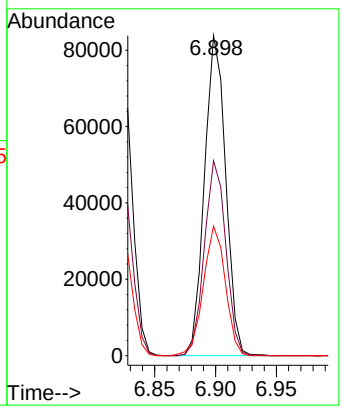




#13
1,4-Dichlorobenzene
Concen: 11.046 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:146 Resp: 10158

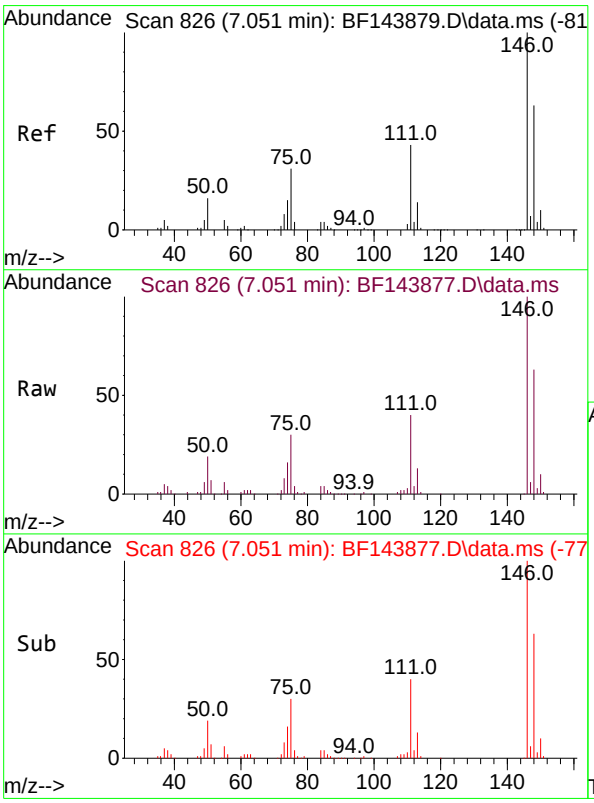
Ion	Ratio	Lower	Upper
146	100		
148	60.9	50.5	75.7
111	40.4	33.4	50.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

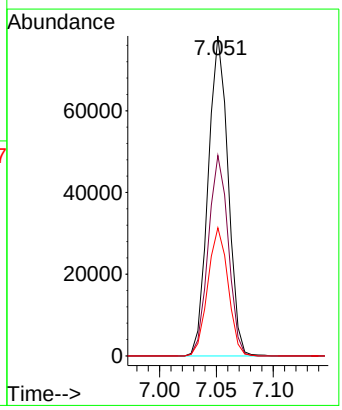
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

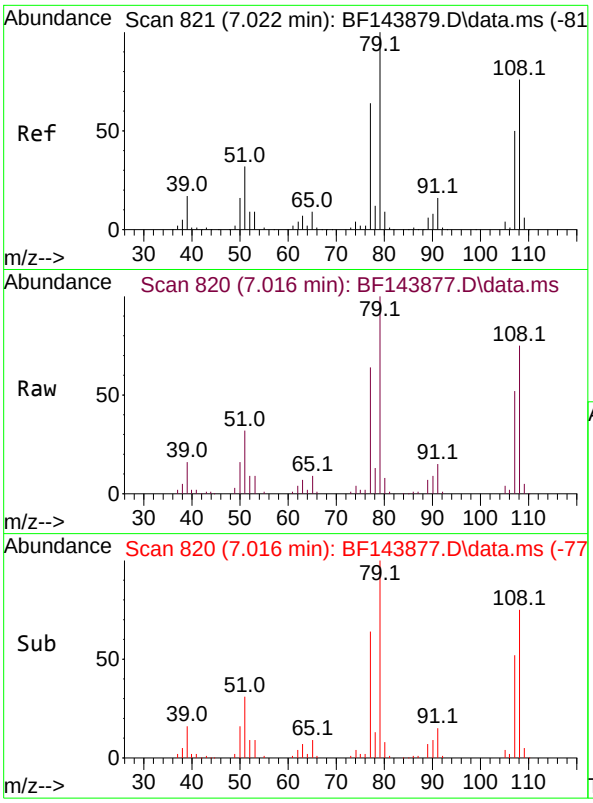


#14
1,2-Dichlorobenzene
Concen: 10.824 ng
RT: 7.051 min Scan# 826
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

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

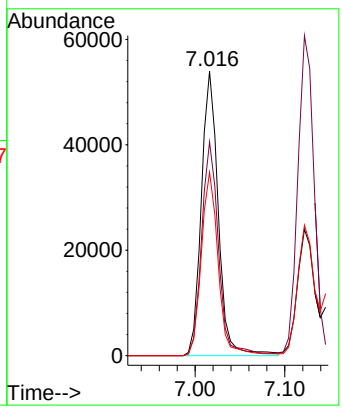




#15
Benzyl Alcohol
Concen: 9.943 ng
RT: 7.016 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion: 79 Resp: 7075

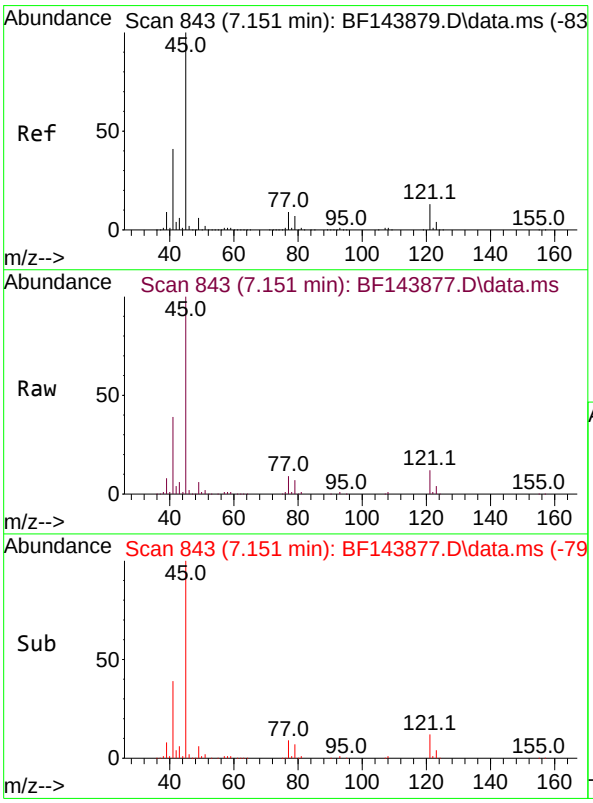
Ion	Ratio	Lower	Upper
79	100		
108	75.1	60.8	91.2
77	64.5	51.0	76.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

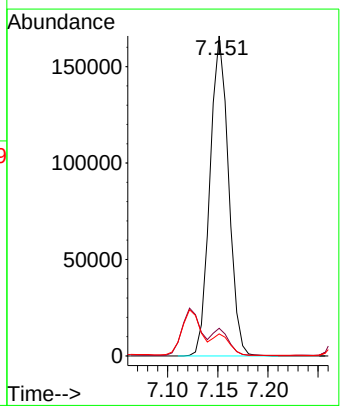
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

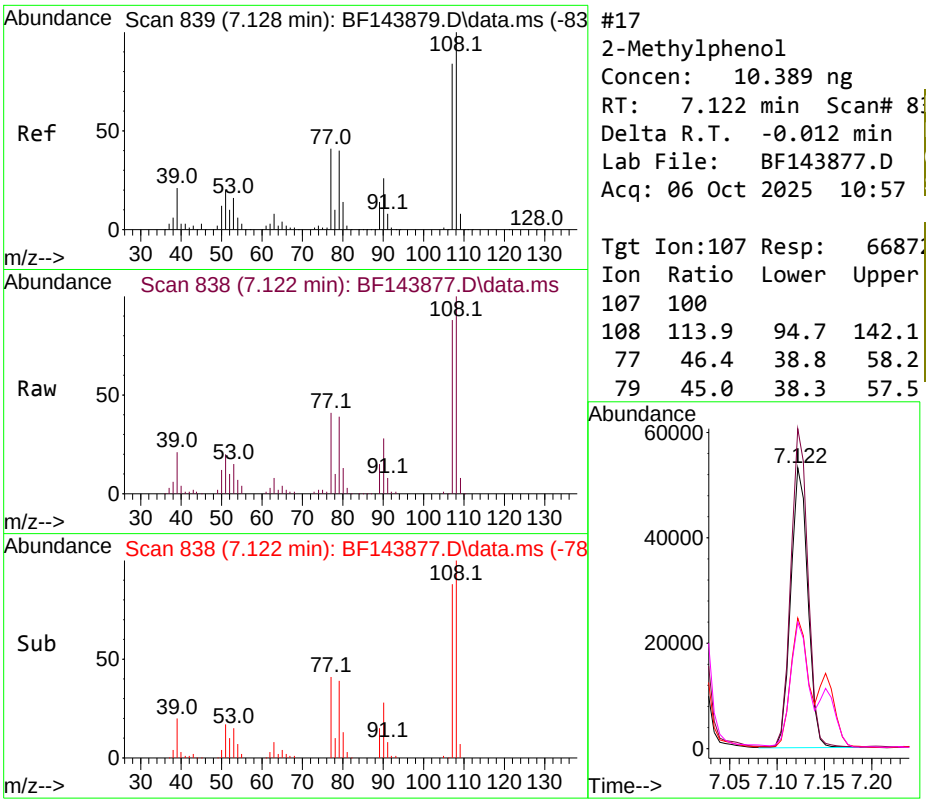


#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.728 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

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

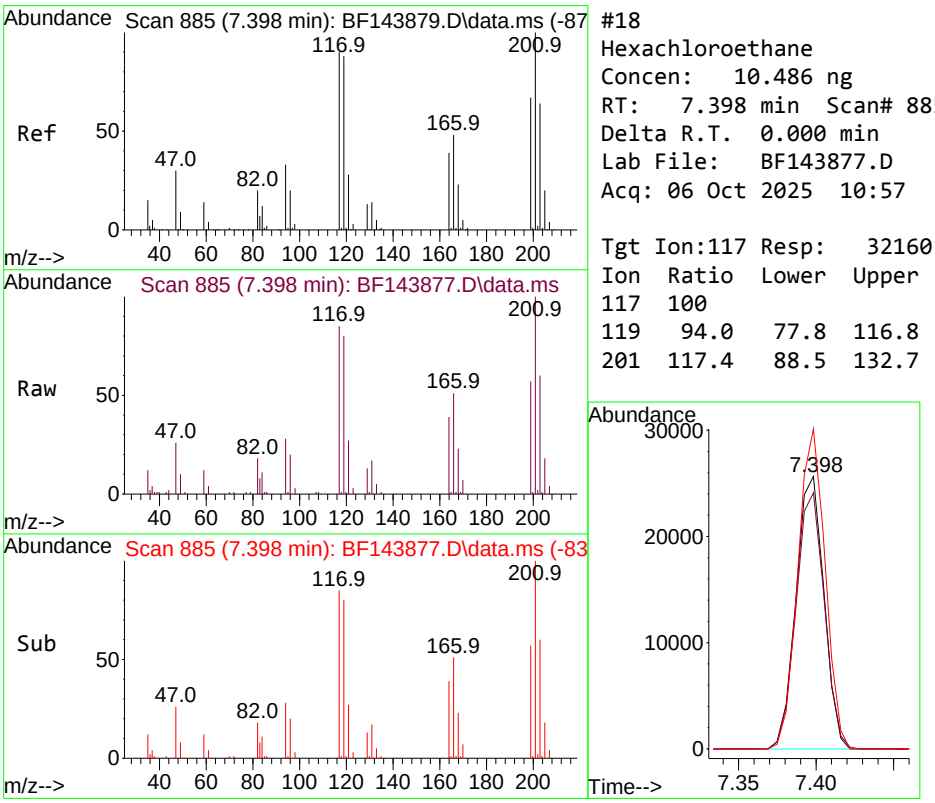
Tgt Ion:107 Resp: 6687

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

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

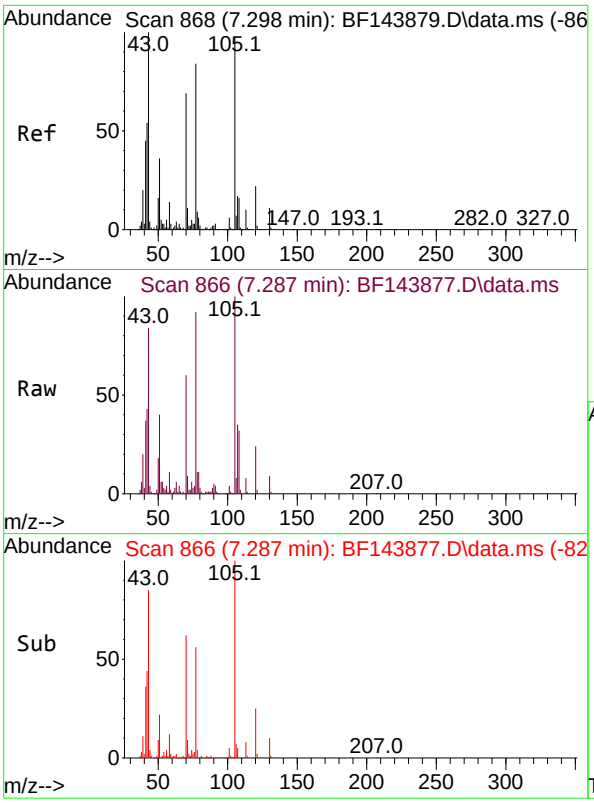
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

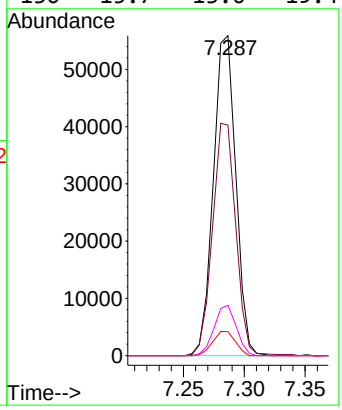
Ion	Ratio	Lower	Upper
117	100		
119	94.0	77.8	116.8
201	117.4	88.5	132.7



#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

Tgt Ion: 70 Resp: 7173

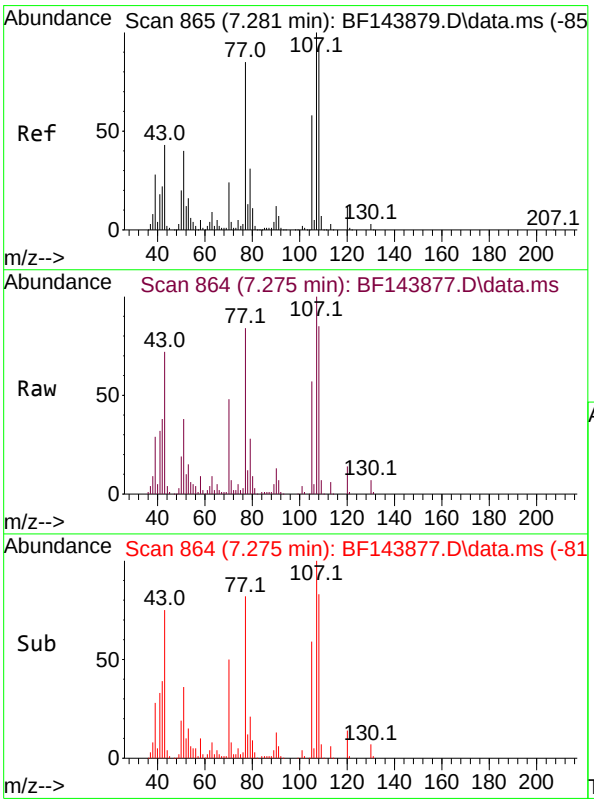
Ion	Ratio	Lower	Upper
70	100		
42	72.0	62.8	94.2
101	7.5	6.7	10.1
130	15.7	13.0	19.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

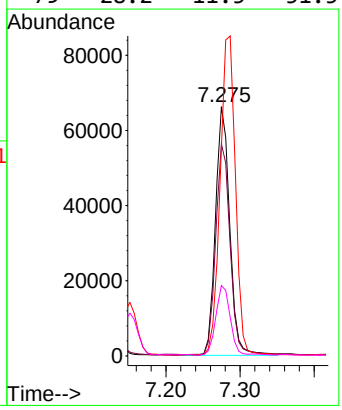
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

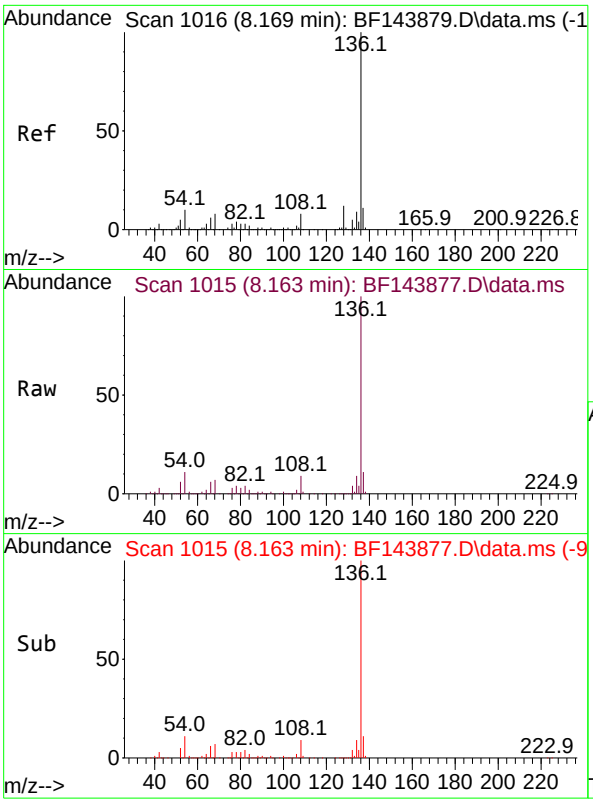


#20
3+4-Methylphenols
Concen: 11.881 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.023 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

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

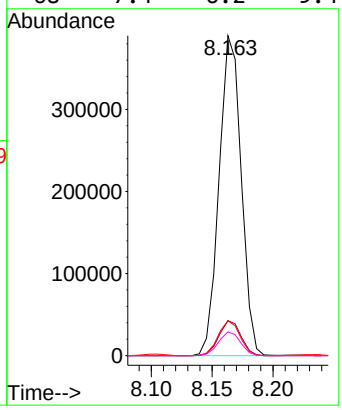




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:136 Resp: 49354

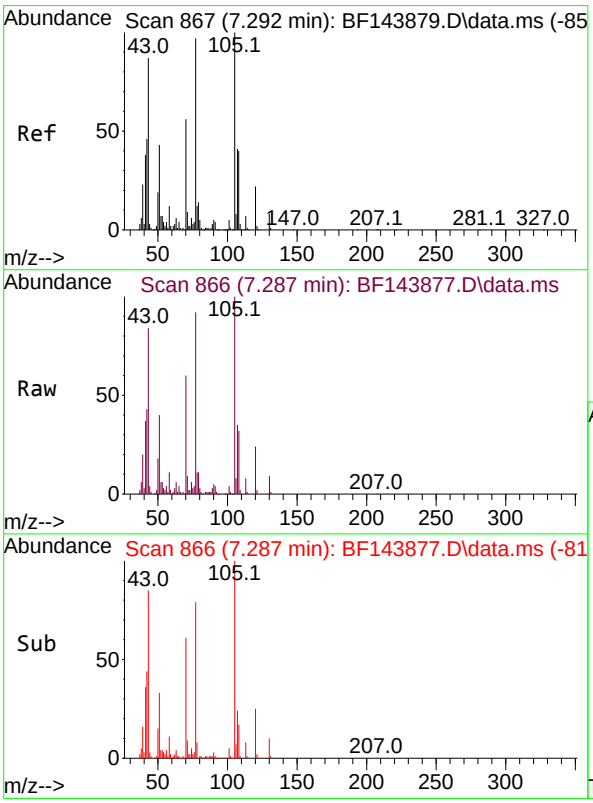
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	11.0	8.2	12.4
68	7.4	6.2	9.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

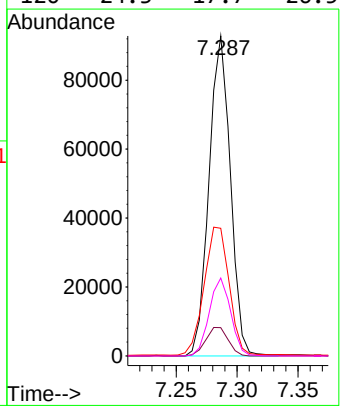
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

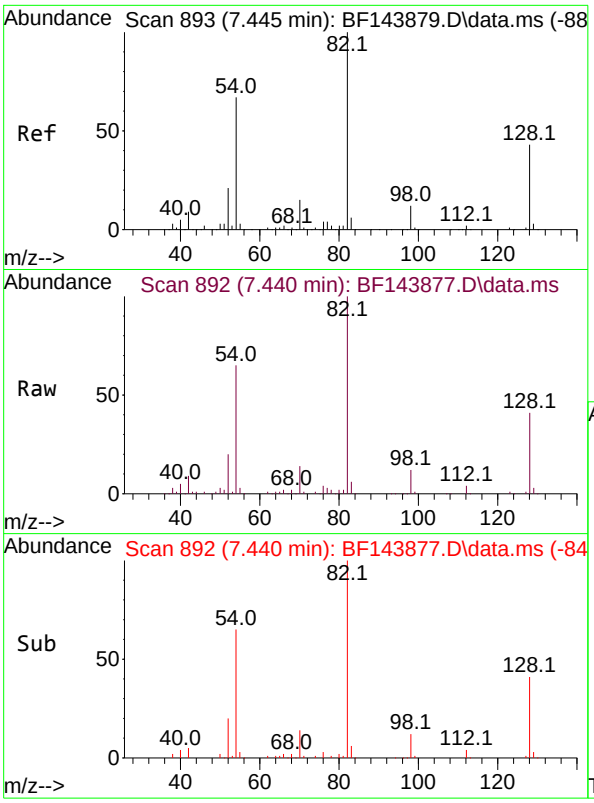


#22
Acetophenone
Concen: 10.900 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.018 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

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

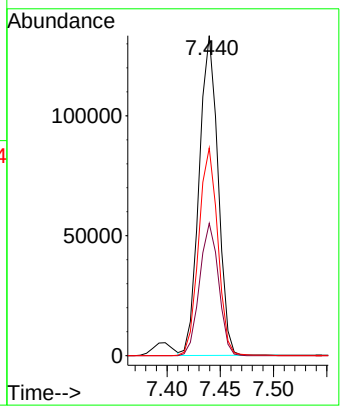




#23
Nitrobenzene-d5
Concen: 20.204 ng
RT: 7.440 min Scan# 89
Delta R.T. -0.018 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion: 82 Resp: 16412

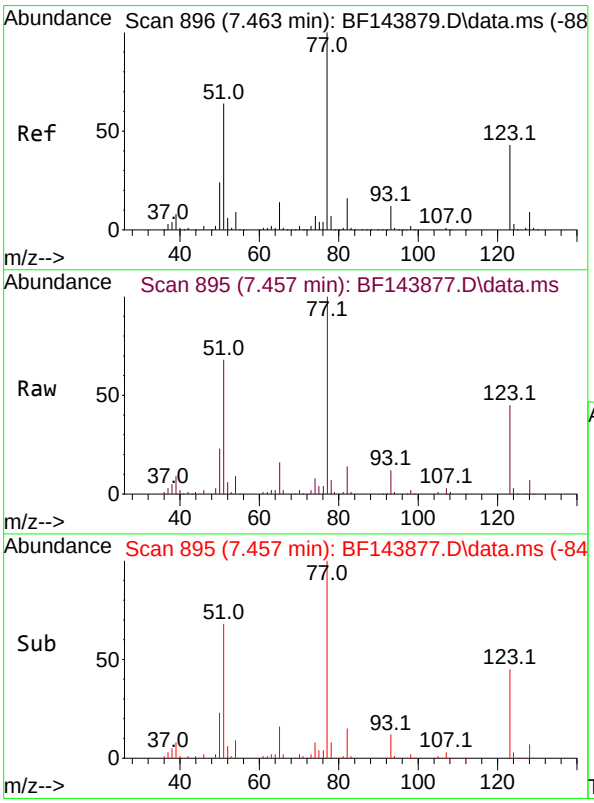
Ion	Ratio	Lower	Upper
82	100		
128	41.3	34.0	51.0
54	64.9	53.2	79.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

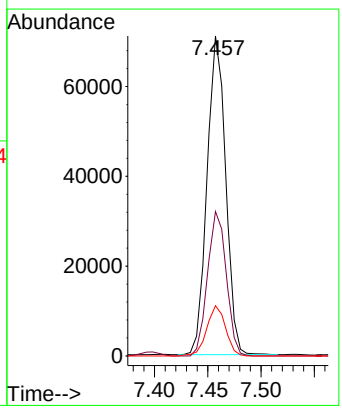
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

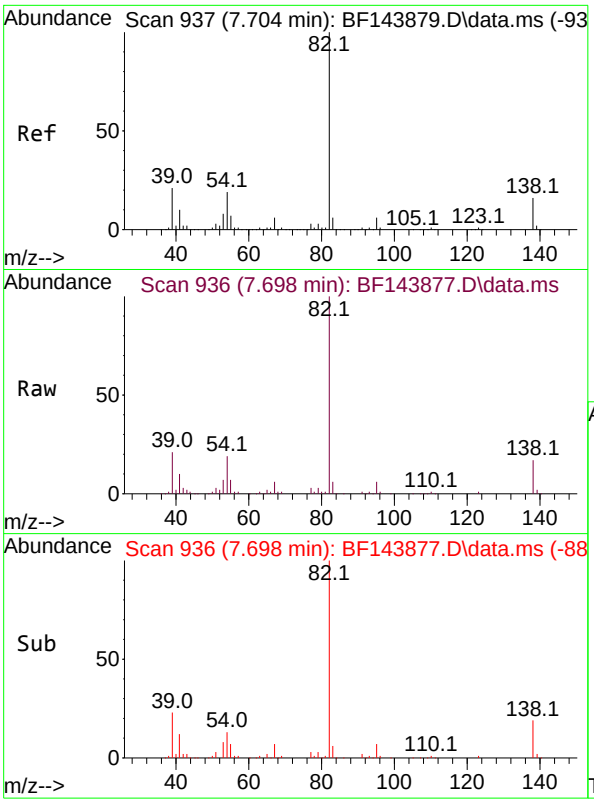


#24
Nitrobenzene
Concen: 9.558 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.018 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

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

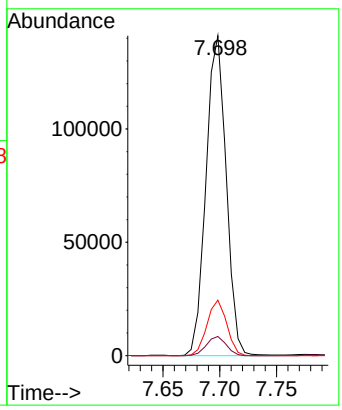
Tgt Ion: 82 Resp: 17476

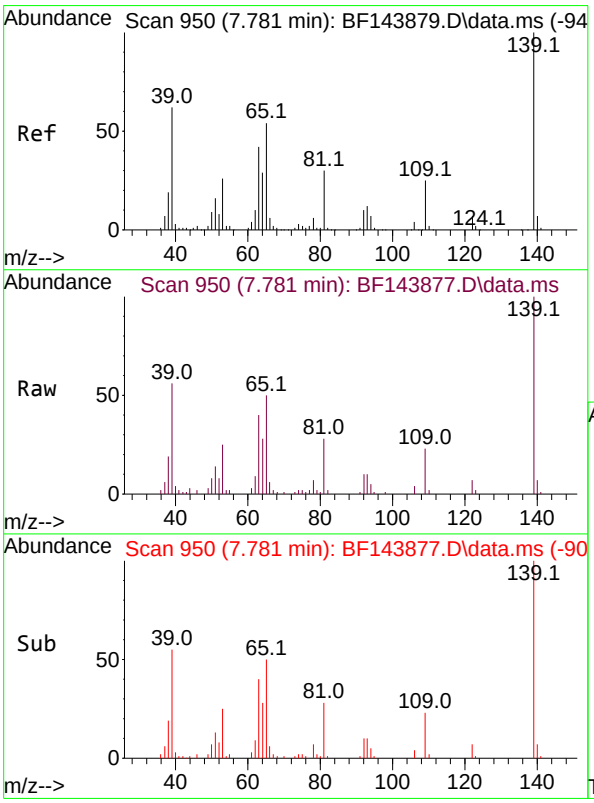
Ion	Ratio	Lower	Upper
82	100		
95	6.0	5.1	7.7
138	17.3	12.9	19.3

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

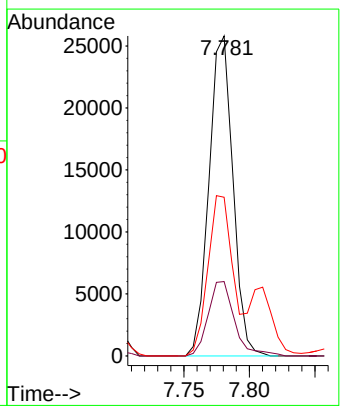


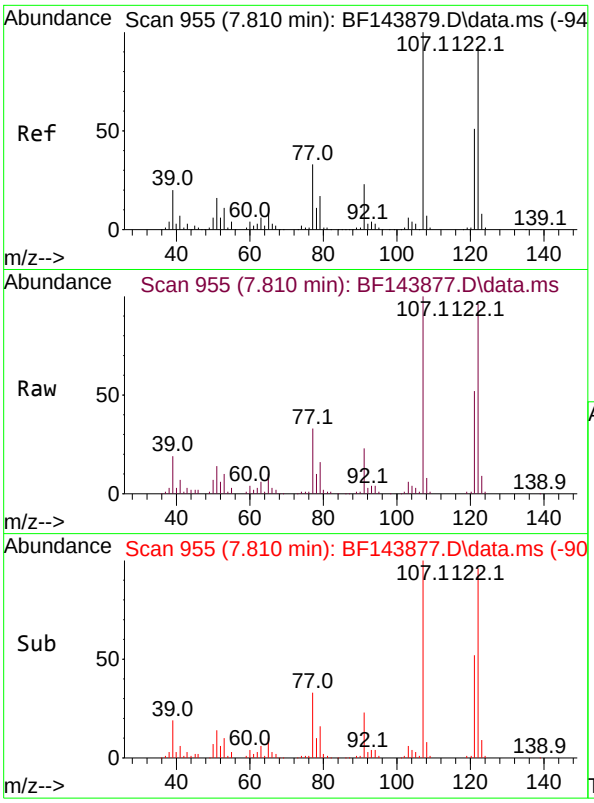


#26
2-Nitrophenol
Concen: 8.477 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

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

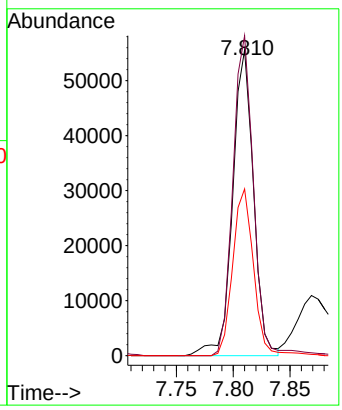




#27
2,4-Dimethylphenol
Concen: 10.199 ng
RT: 7.810 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:122 Resp: 7096

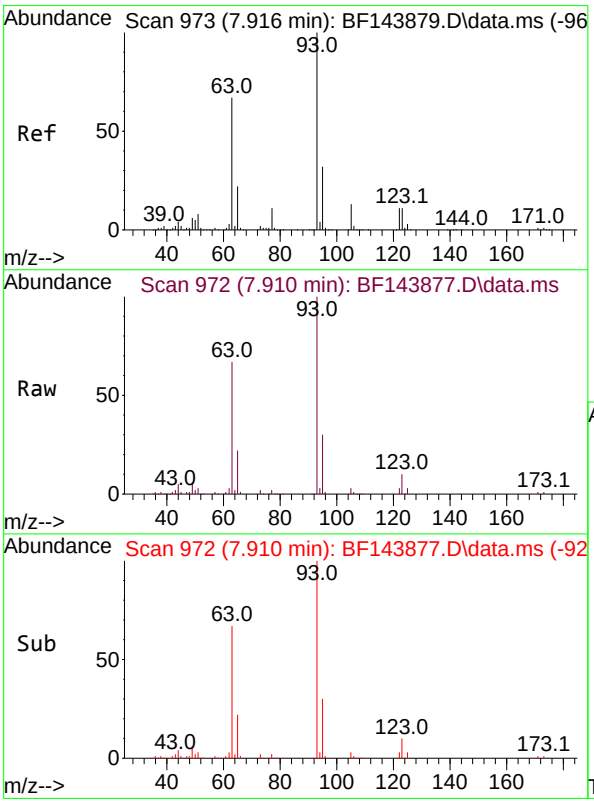
Ion	Ratio	Lower	Upper
122	100		
107	104.7	86.1	129.1
121	54.5	43.8	65.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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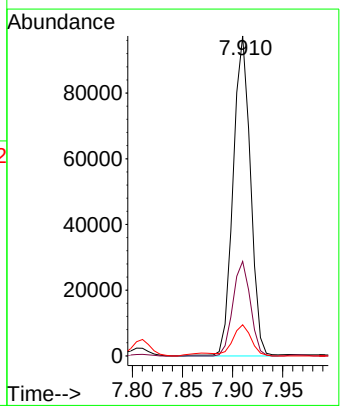
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

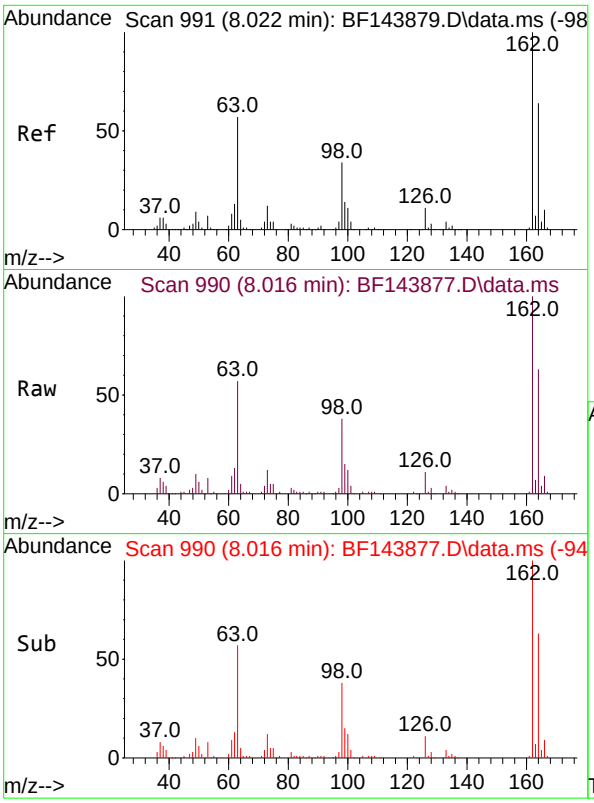


#28
bis(2-Chloroethoxy)methane
Concen: 10.804 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

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

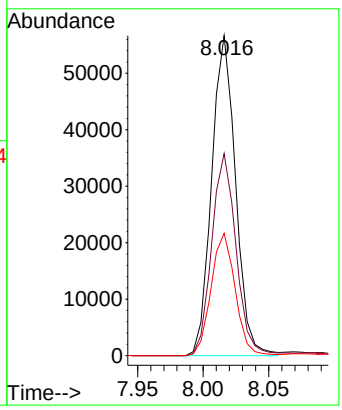




#29
2,4-Dichlorophenol
Concen: 9.954 ng
RT: 8.016 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:162 Resp: 7214

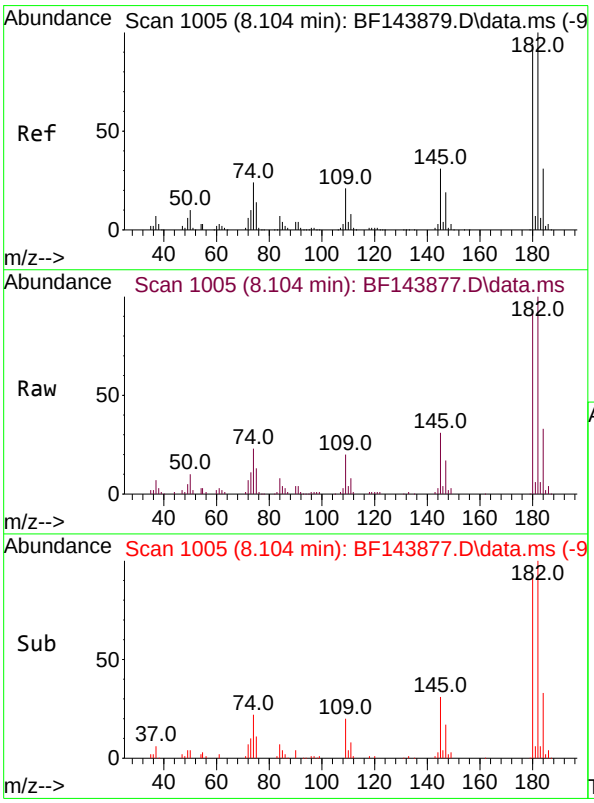
Ion	Ratio	Lower	Upper
162	100		
164	63.1	43.9	83.9
98	38.2	14.4	54.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

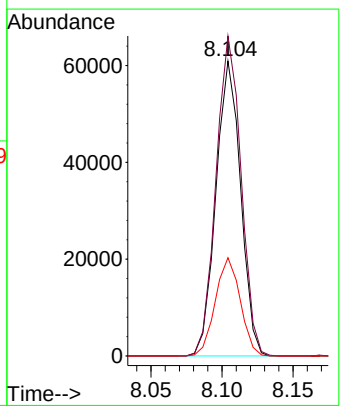
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

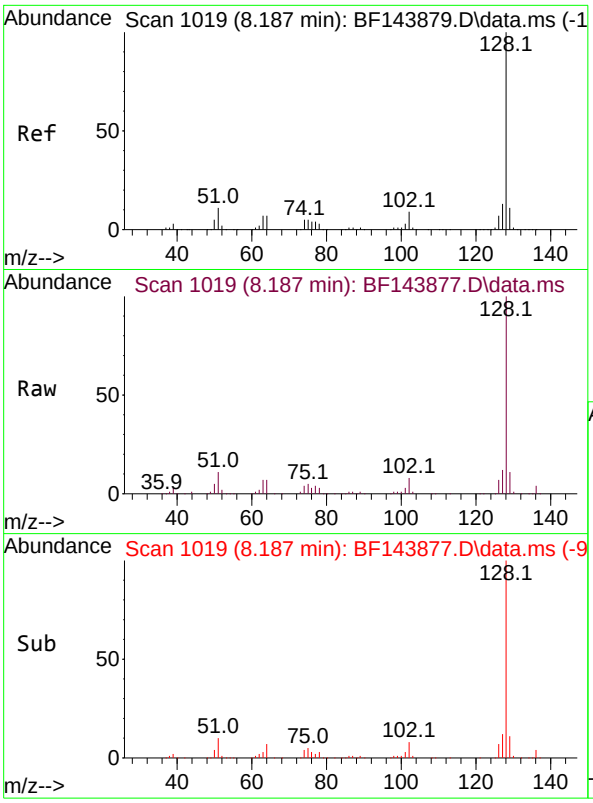


#30
1,2,4-Trichlorobenzene
Concen: 10.336 ng
RT: 8.104 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

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

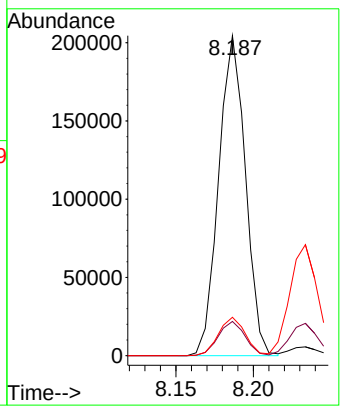




#31
Naphthalene
Concen: 10.951 ng
RT: 8.187 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:128 Resp: 24585

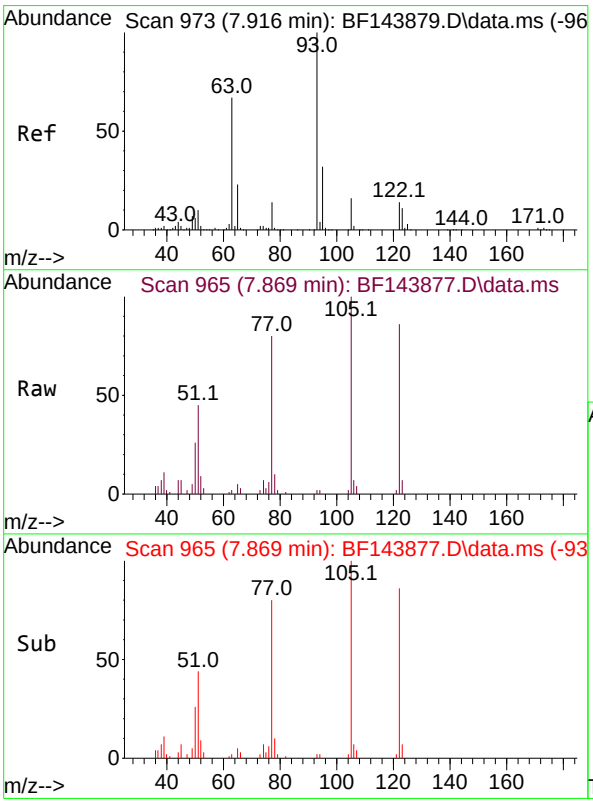
Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.7	13.1
127	12.0	10.0	15.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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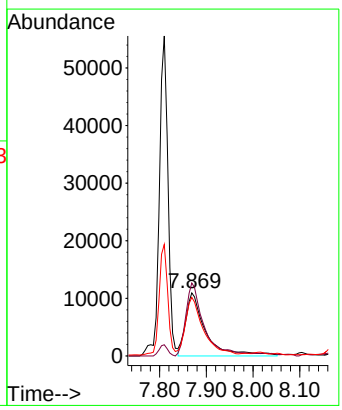
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

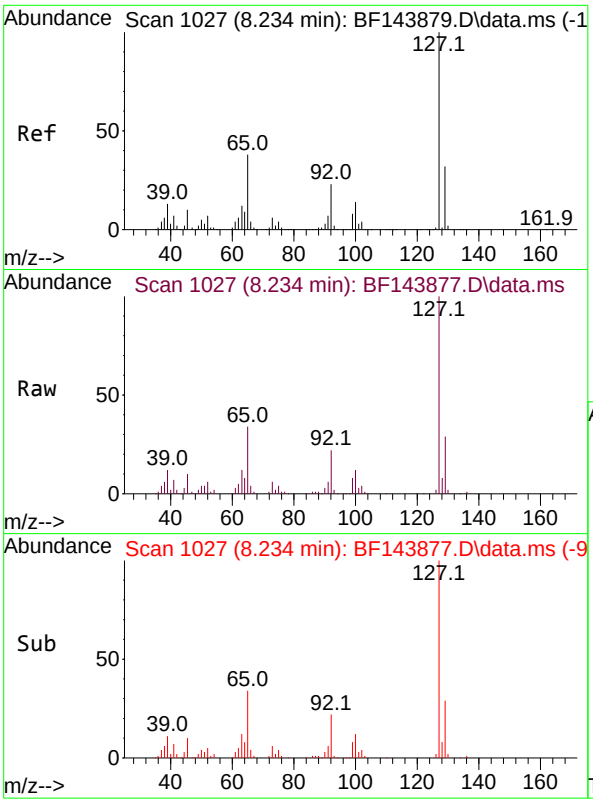


#32
Benzoic acid
Concen: 6.721 ng m
RT: 7.869 min Scan# 965
Delta R.T. -0.094 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:122 Resp: 32361

Ion	Ratio	Lower	Upper
122	100		
105	115.7	93.5	133.5
77	92.9	76.3	116.3

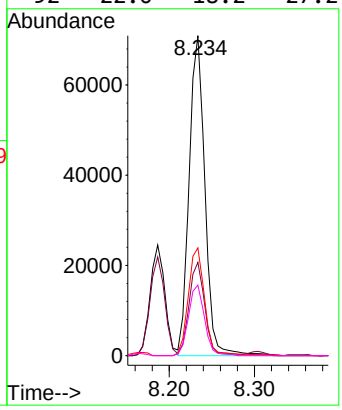




#33
4-Chloroaniline
Concen: 10.842 ng
RT: 8.234 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:127 Resp: 91294

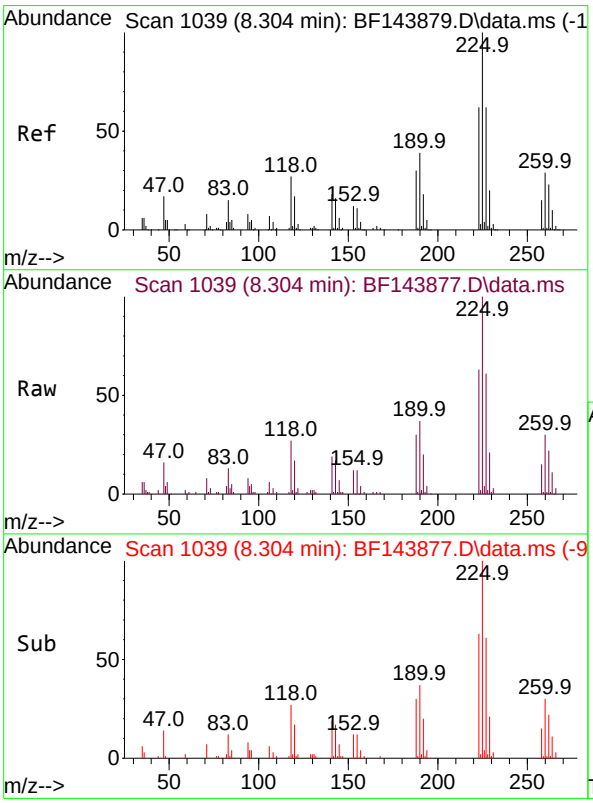
Ion	Ratio	Lower	Upper
127	100		
129	29.1	25.8	38.8
65	33.7	30.0	45.0
92	22.0	18.2	27.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

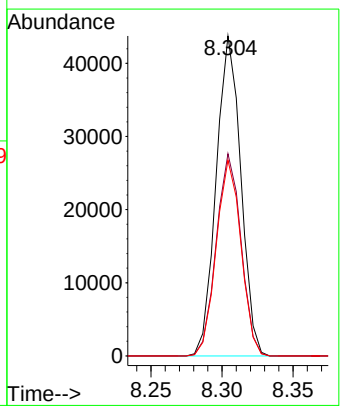
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

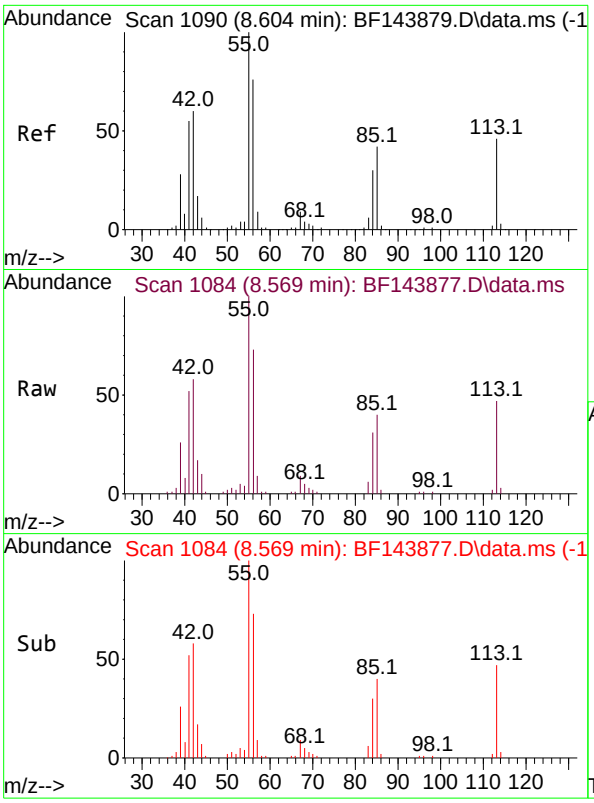


#34
Hexachlorobutadiene
Concen: 10.665 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

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# 10
Delta R.T. -0.076 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

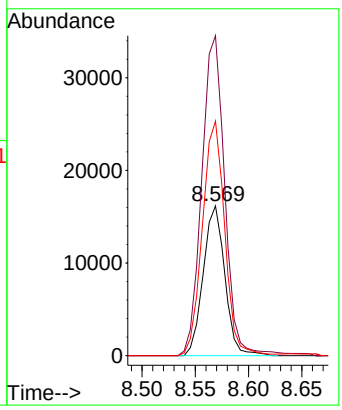
Tgt Ion:113 Resp: 2281

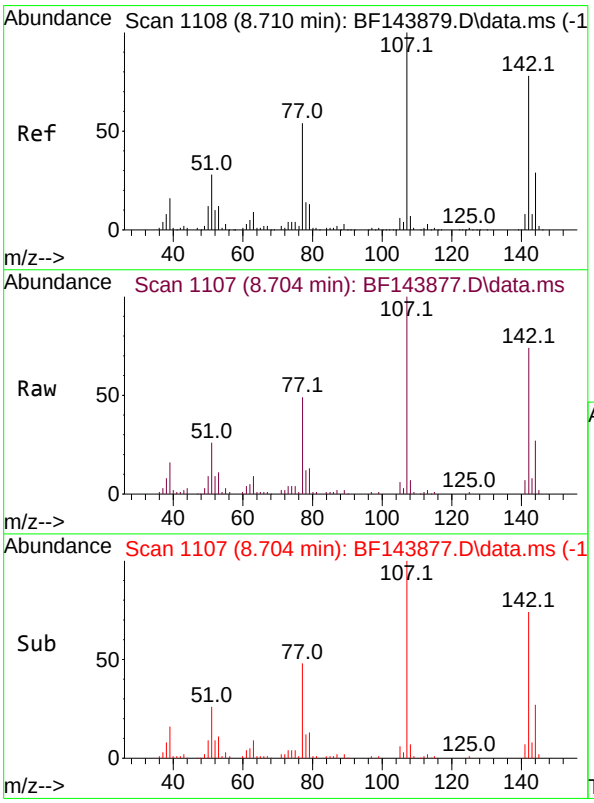
Ion	Ratio	Lower	Upper
113	100		
55	213.8	199.6	239.6
56	156.7	146.0	186.0

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

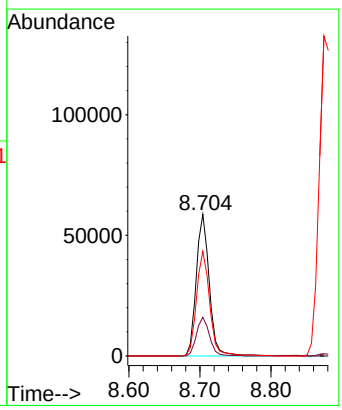


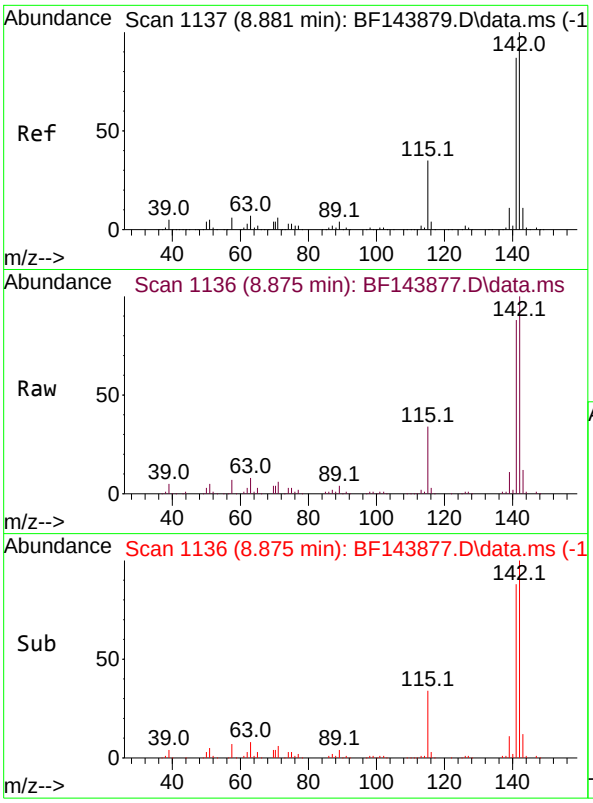


#36
4-Chloro-3-methylphenol
Concen: 10.708 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.018 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

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

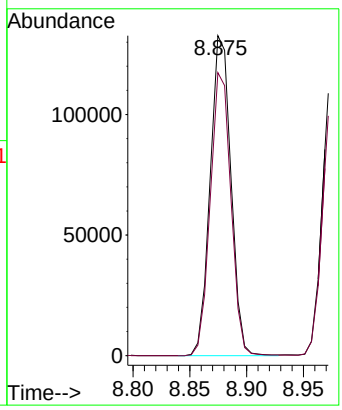




#37
2-Methylnaphthalene
Concen: 11.272 ng
RT: 8.875 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:142 Resp: 16858

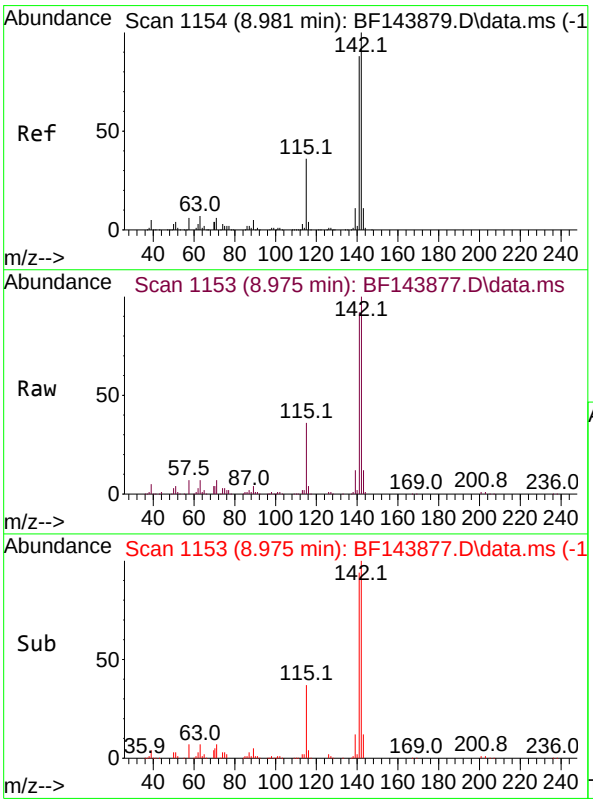
Ion	Ratio	Lower	Upper
142	100		
141	88.4	69.2	103.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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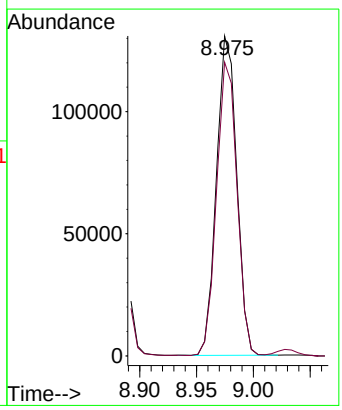
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

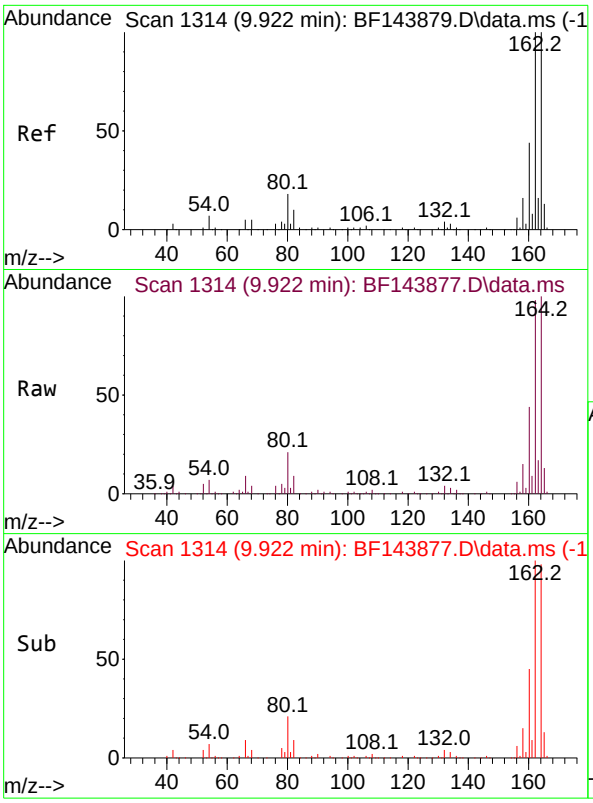


#38
1-Methylnaphthalene
Concen: 11.160 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.011 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:142 Resp: 161895

Ion	Ratio	Lower	Upper
142	100		
141	91.8	70.8	106.2

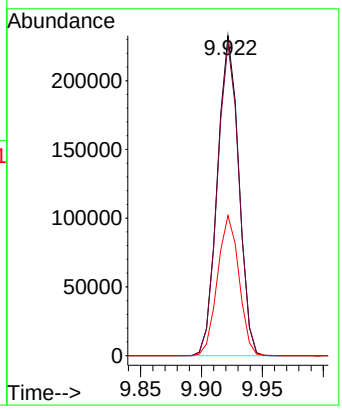




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1
Delta R.T. -0.005 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:164 Resp: 28382

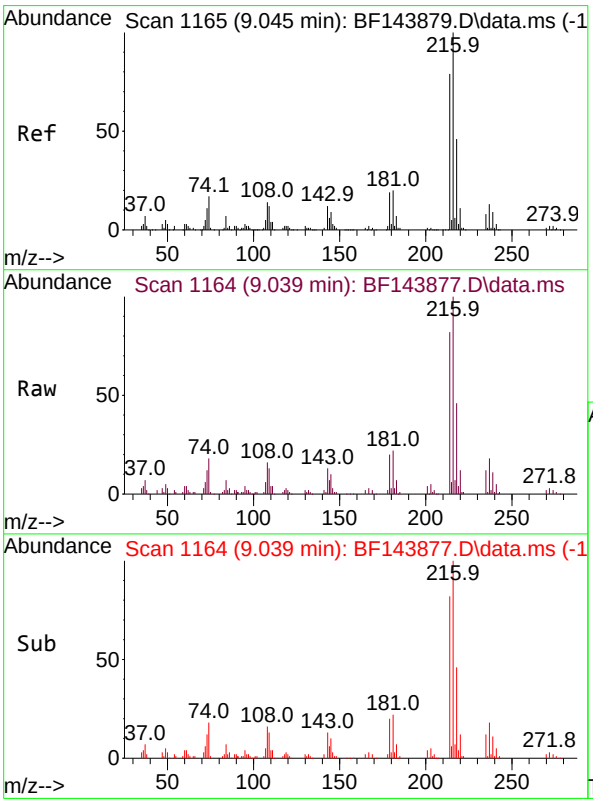
Ion	Ratio	Lower	Upper
164	100		
162	97.5	80.2	120.2
160	43.8	35.4	53.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

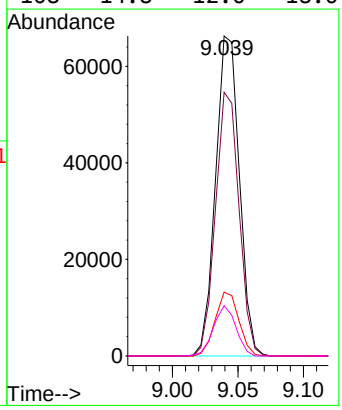
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

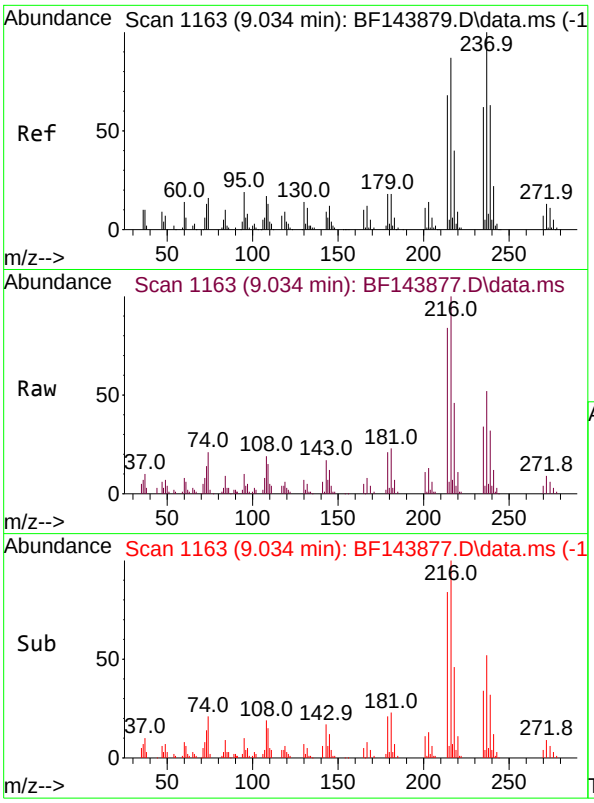


#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.705 ng
RT: 9.039 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

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

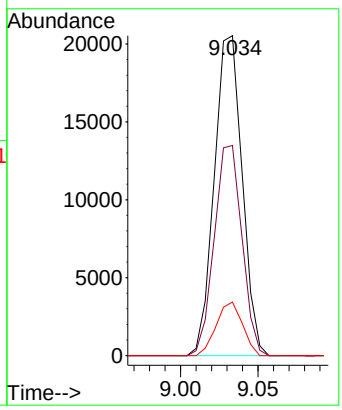




#41
Hexachlorocyclopentadiene
Concen: 7.932 ng
RT: 9.034 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:237 Resp: 2581

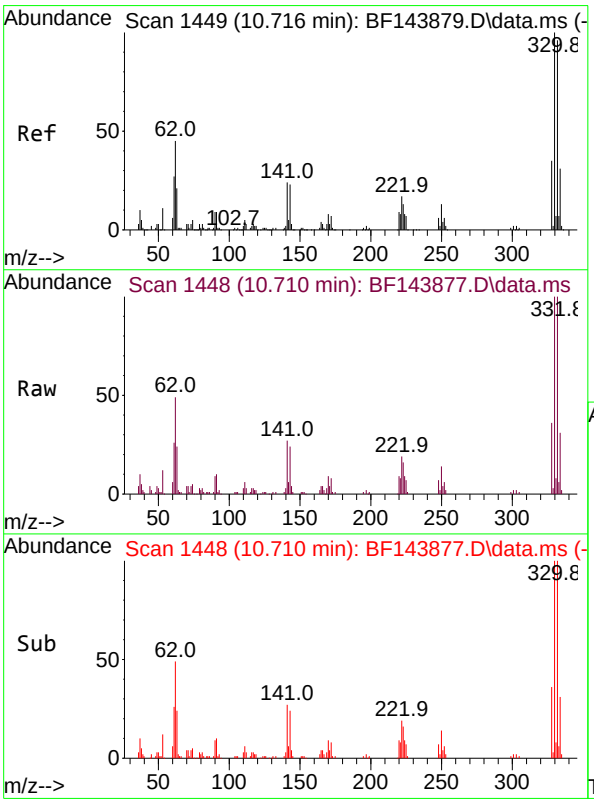
Ion	Ratio	Lower	Upper
237	100		
235	65.7	42.3	82.3
272	16.7	0.0	33.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

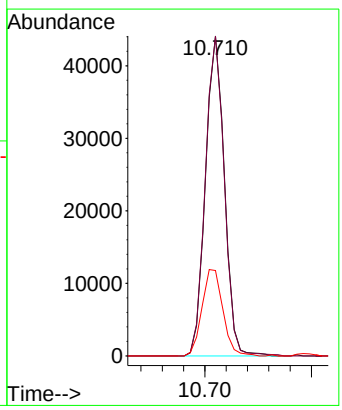
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

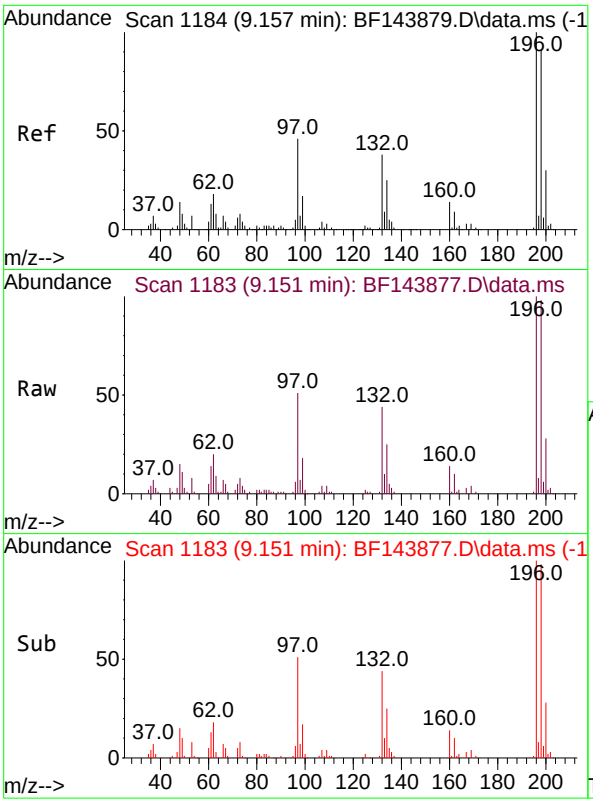


#42
2,4,6-Tribromophenol
Concen: 19.262 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

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

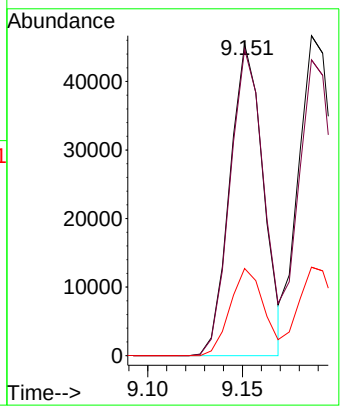




#43
2,4,6-Trichlorophenol
Concen: 9.758 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:196 Resp: 5592

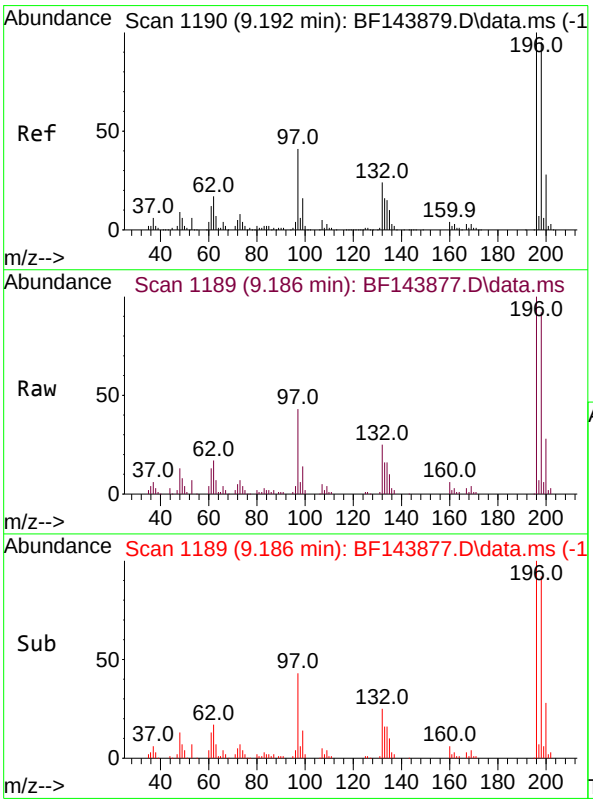
Ion	Ratio	Lower	Upper
196	100		
198	98.4	72.8	109.2
200	28.0	24.0	36.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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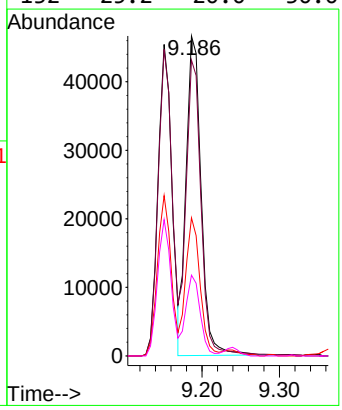
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

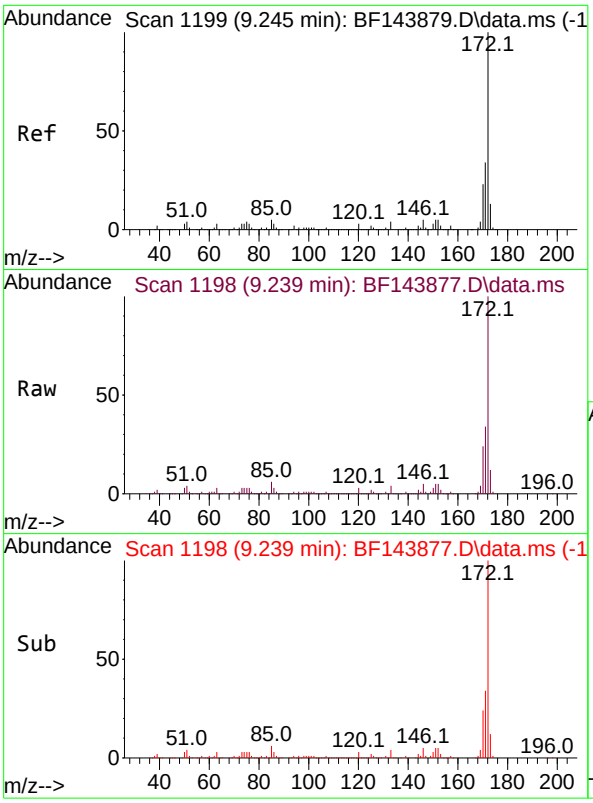


#44
2,4,5-Trichlorophenol
Concen: 10.407 ng
RT: 9.186 min Scan# 1189
Delta R.T. -0.018 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

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

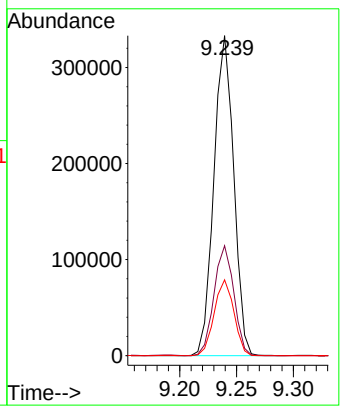




#45
2-Fluorobiphenyl
Concen: 22.595 ng
RT: 9.239 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:172 Resp: 40416

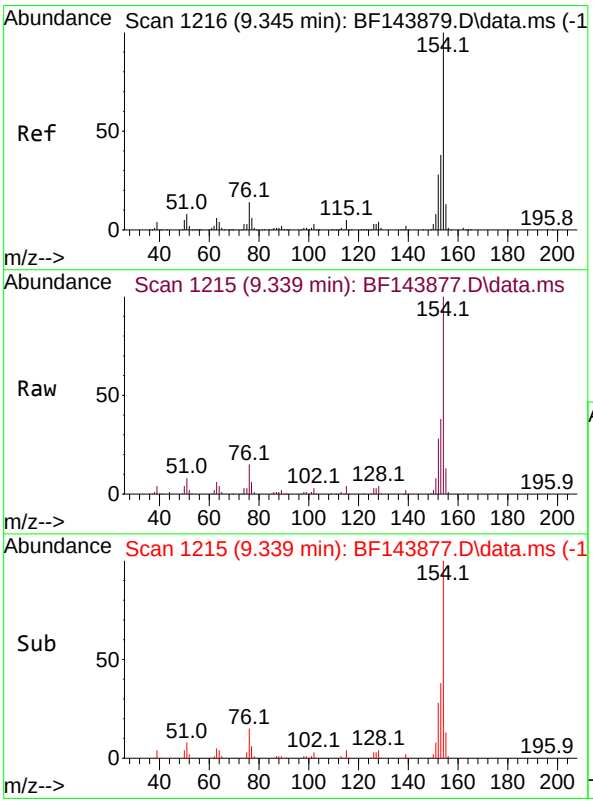
Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.4	41.0
170	23.7	18.6	28.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

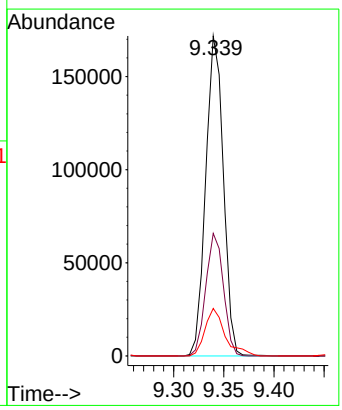
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

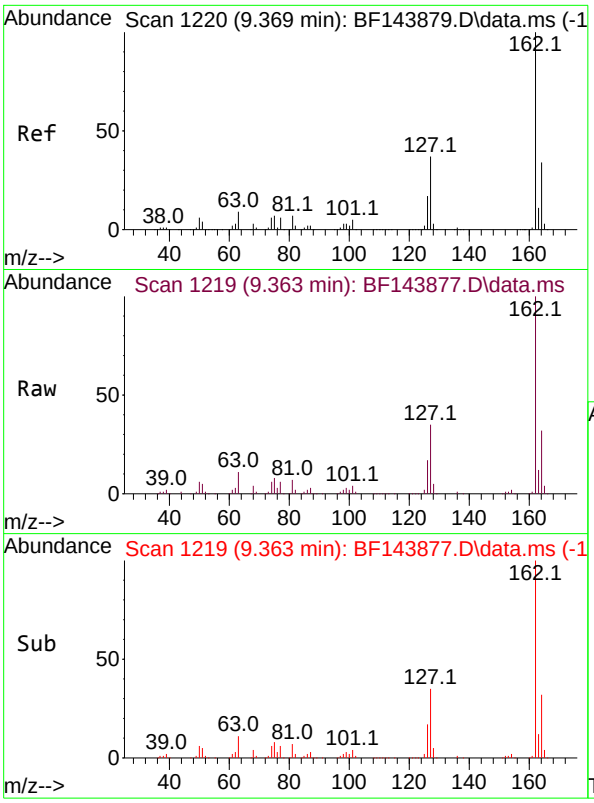


#46
1,1'-Biphenyl
Concen: 11.150 ng
RT: 9.339 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

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

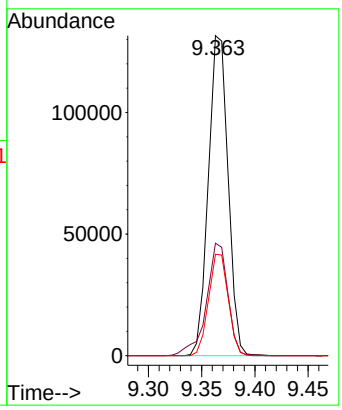




#47
2-Chloronaphthalene
Concen: 10.829 ng
RT: 9.363 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:162 Resp: 16967

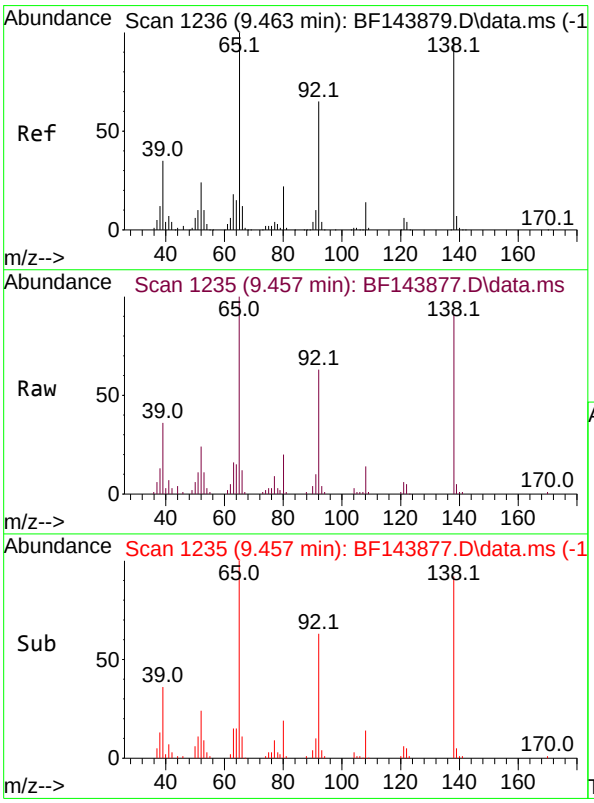
Ion	Ratio	Lower	Upper
162	100		
127	35.1	30.2	45.2
164	31.7	26.9	40.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

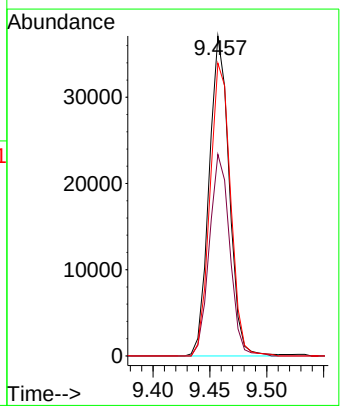
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

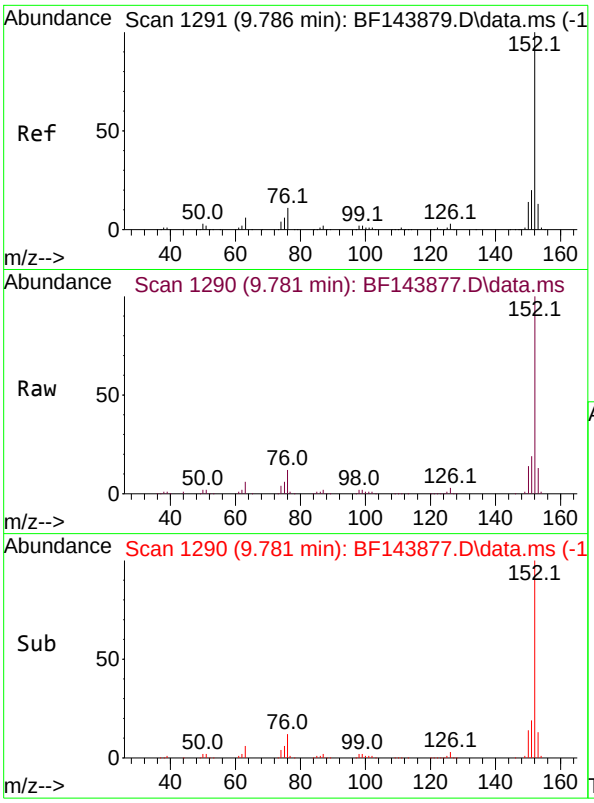


#48
2-Nitroaniline
Concen: 9.219 ng
RT: 9.457 min Scan# 1235
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

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

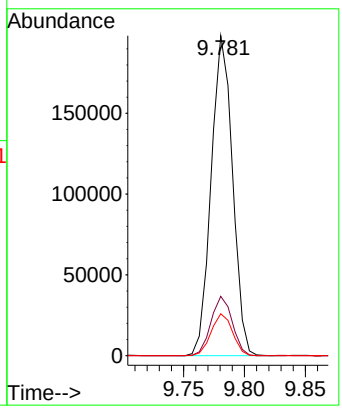




#49
Acenaphthylene
Concen: 10.962 ng
RT: 9.781 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:152 Resp: 24145

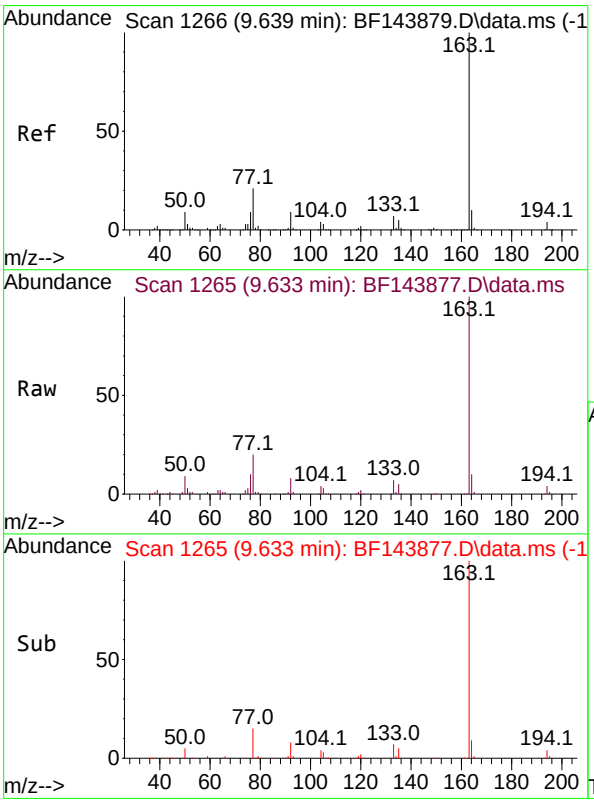
Ion	Ratio	Lower	Upper
152	100		
151	18.5	15.8	23.6
153	13.1	10.5	15.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

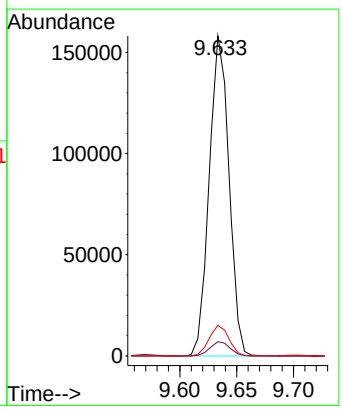
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

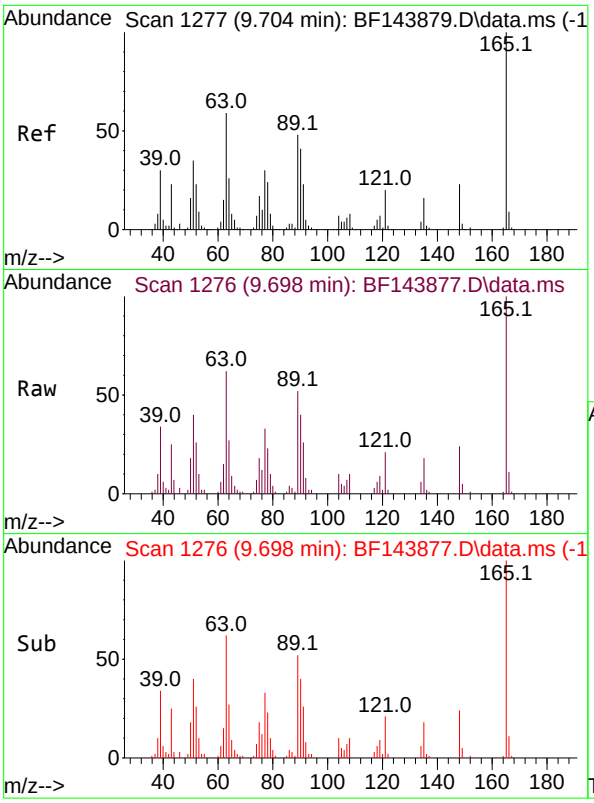


#50
Dimethylphthalate
Concen: 10.638 ng
RT: 9.633 min Scan# 1265
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

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

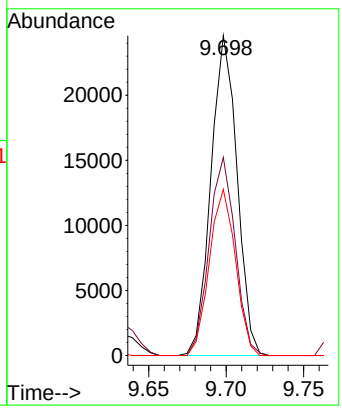




#51
2,6-Dinitrotoluene
Concen: 8.655 ng
RT: 9.698 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:165 Resp: 2892

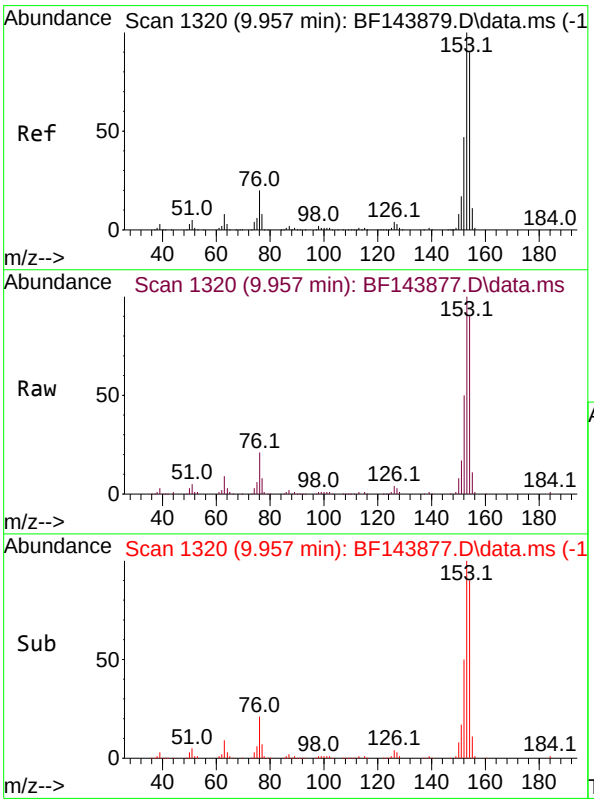
Ion	Ratio	Lower	Upper
165	100		
63	61.9	47.3	70.9
89	52.0	38.2	57.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

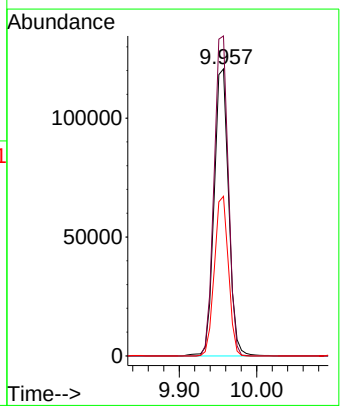
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

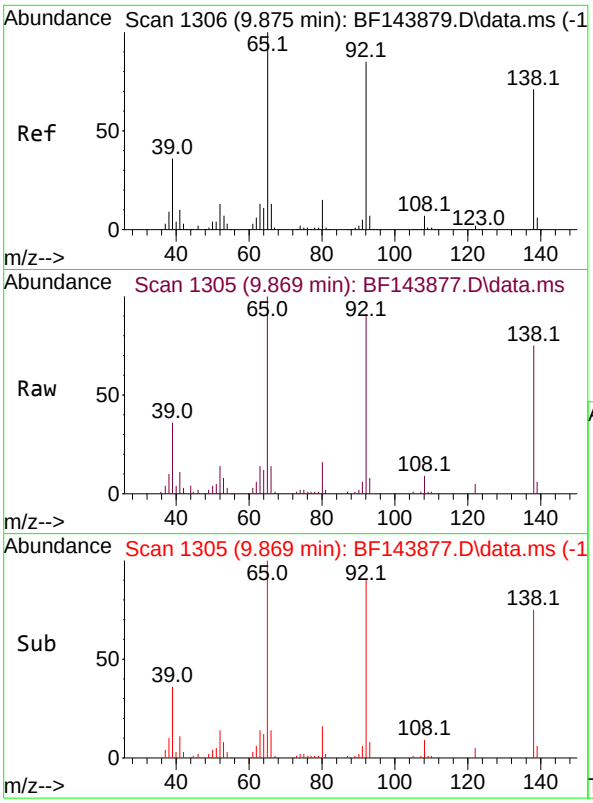


#52
Acenaphthene
Concen: 10.962 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

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

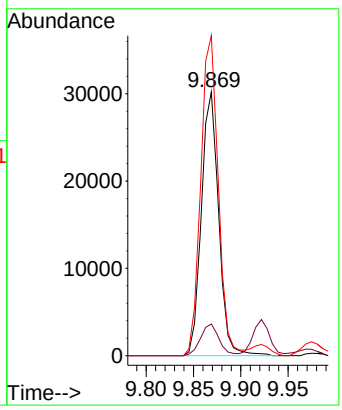




#53
3-Nitroaniline
Concen: 9.380 ng
RT: 9.869 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:138 Resp: 3838

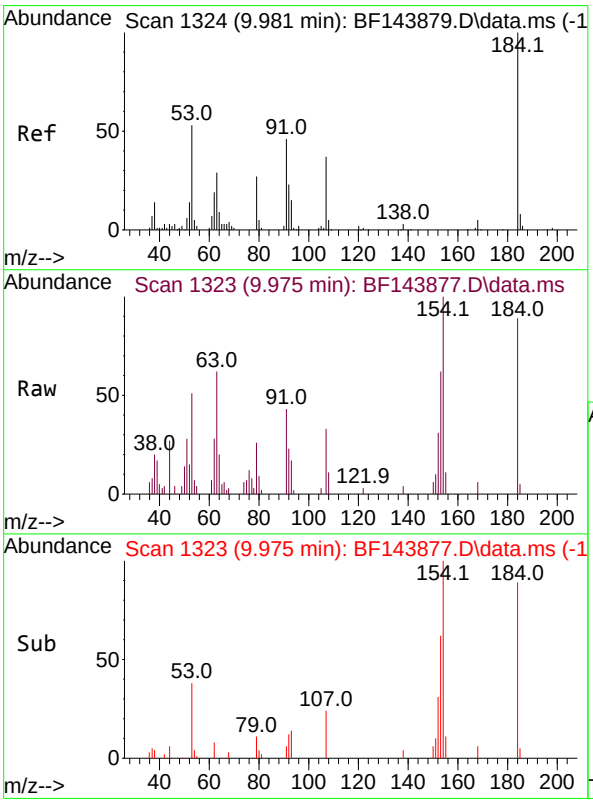
Ion	Ratio	Lower	Upper
138	100		
108	12.0	8.3	12.5
92	121.4	96.2	144.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

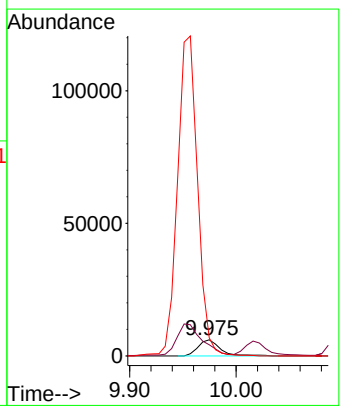
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

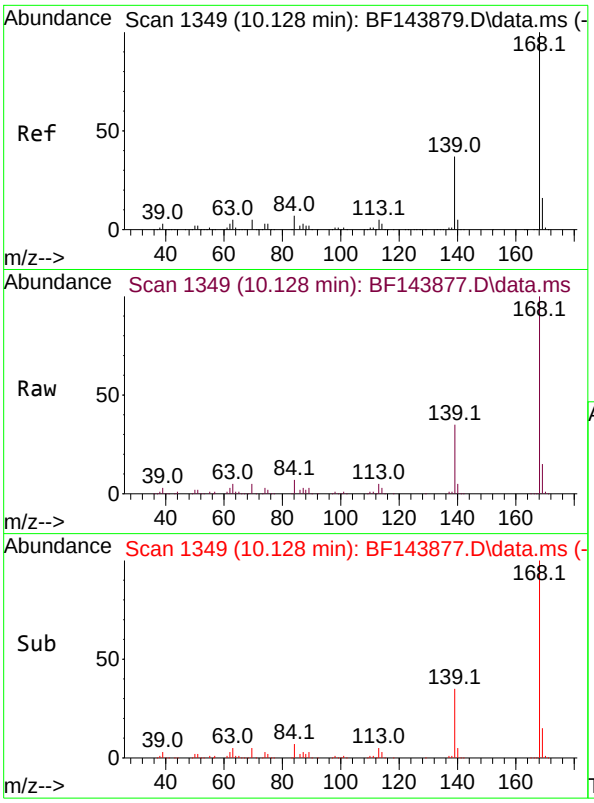


#54
2,4-Dinitrophenol
Concen: 10.761 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.011 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

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#

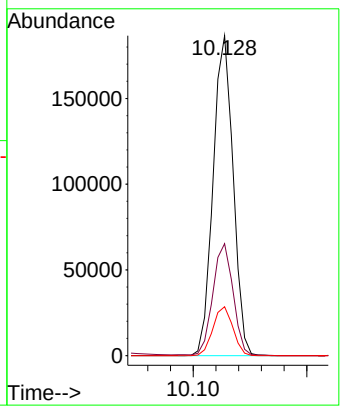




#55
Dibenzofuran
Concen: 11.199 ng
RT: 10.128 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:168 Resp: 22816

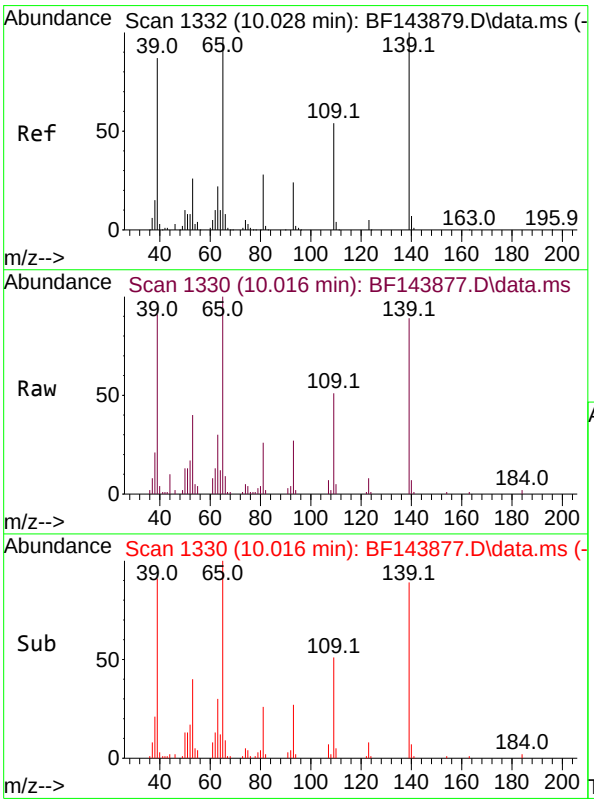
Ion	Ratio	Lower	Upper
168	100		
139	35.0	29.8	44.8
169	15.3	12.8	19.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

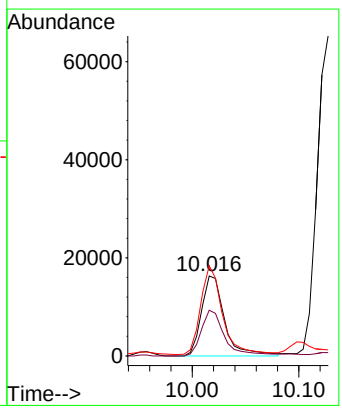
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

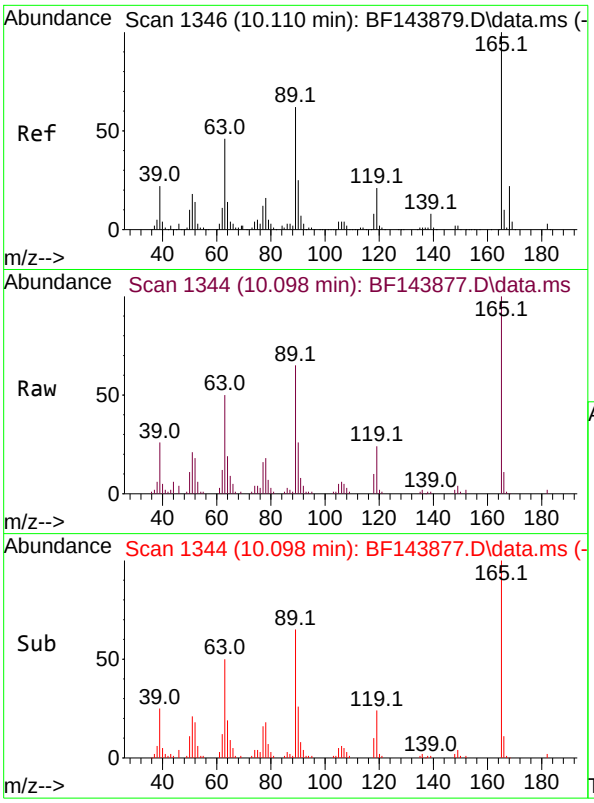


#56
4-Nitrophenol
Concen: 7.934 ng
RT: 10.016 min Scan# 1330
Delta R.T. -0.023 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

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

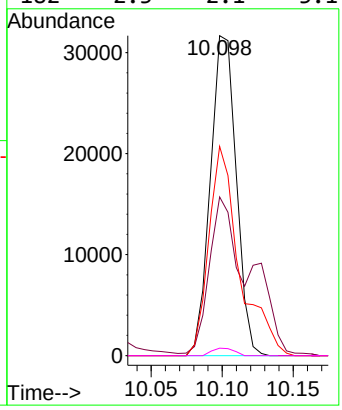




#57
2,4-Dinitrotoluene
Concen: 8.862 ng
RT: 10.098 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:165 Resp: 4029

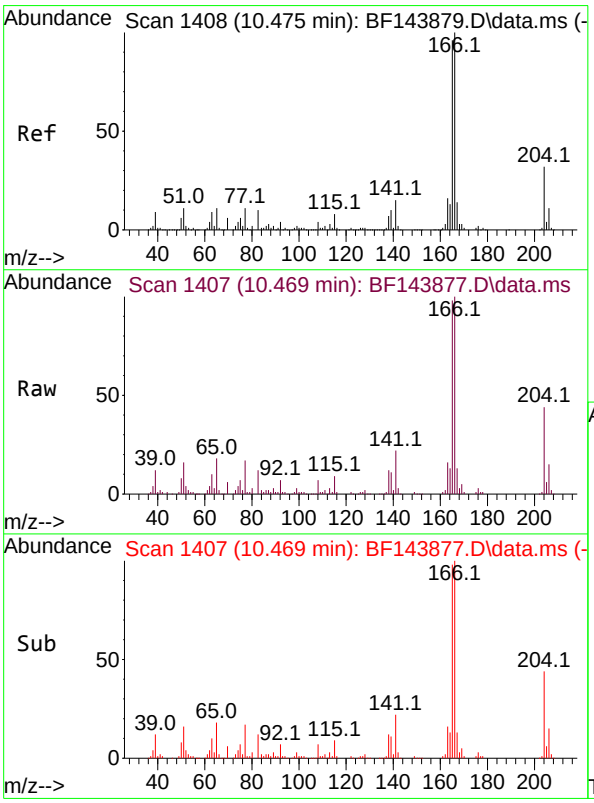
Ion	Ratio	Lower	Upper
165	100		
63	49.6	37.2	55.8
89	65.4	49.4	74.2
182	2.3	2.1	3.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

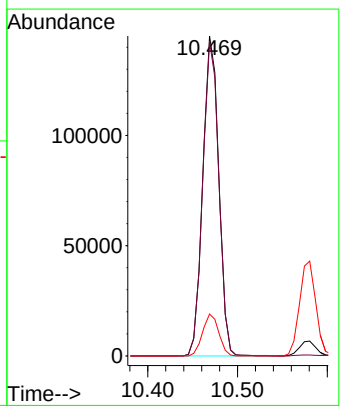
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

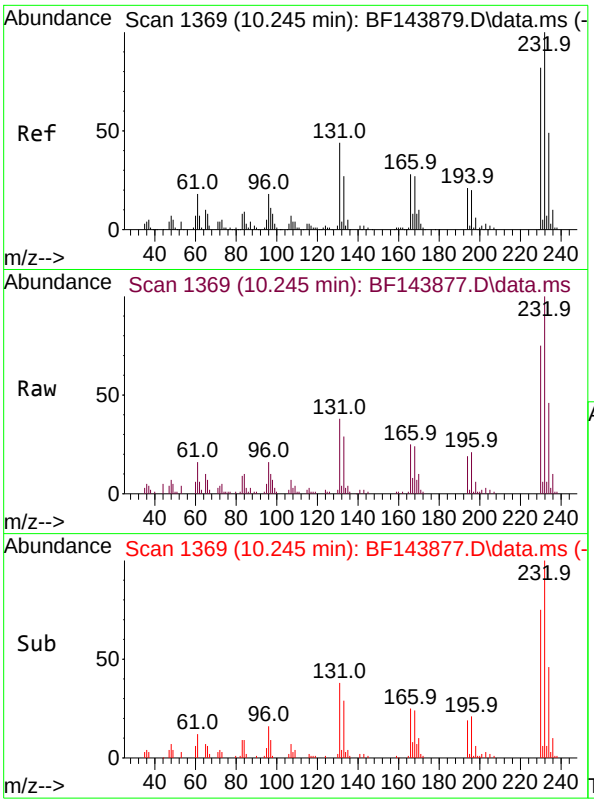


#58
Fluorene
Concen: 11.683 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

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

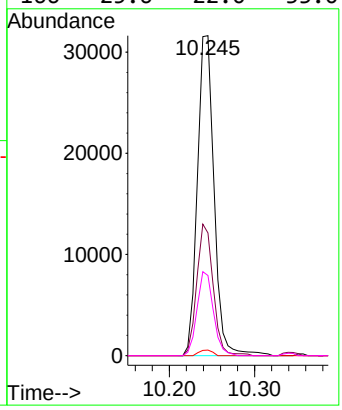




#59
2,3,4,6-Tetrachlorophenol
Concen: 10.041 ng
RT: 10.245 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:232 Resp: 4305

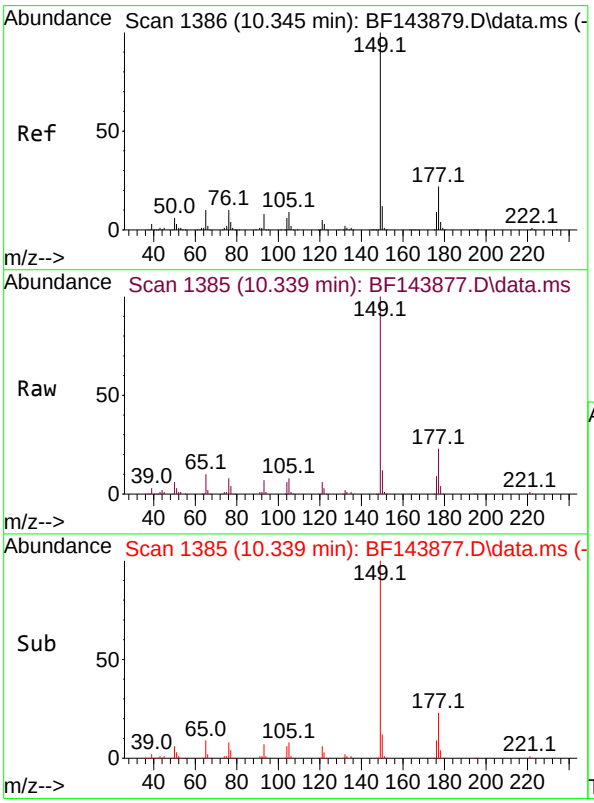
Ion	Ratio	Lower	Upper
232	100		
131	40.3	34.9	52.3
130	1.4	1.6	2.4#
166	25.6	22.0	33.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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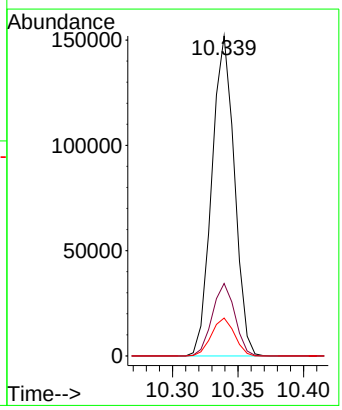
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

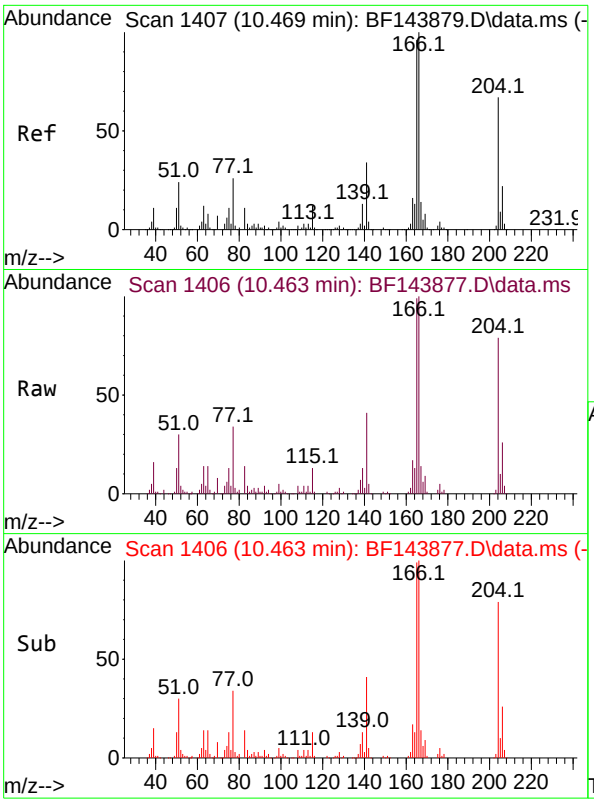


#60
Diethylphthalate
Concen: 10.860 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

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

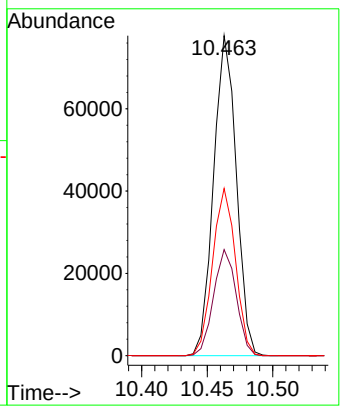
Tgt Ion:204 Resp: 9400

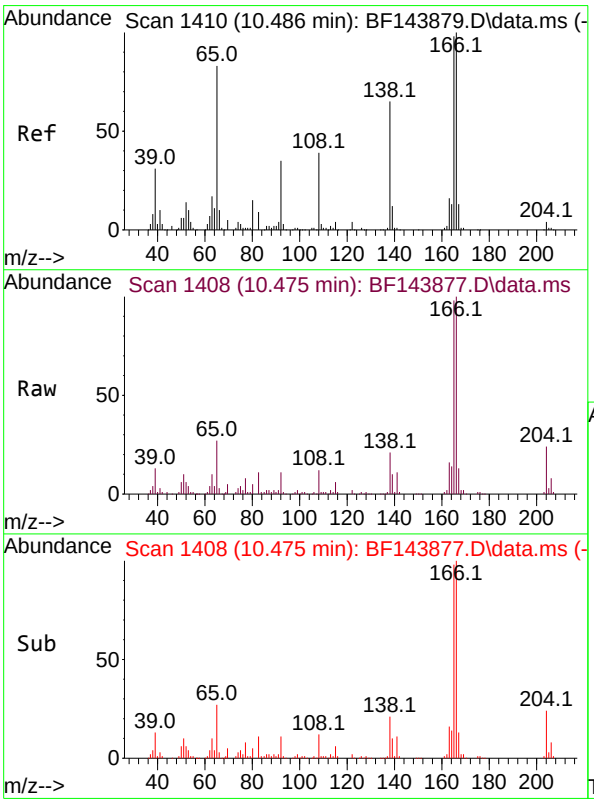
Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.6	40.0
141	52.2	40.4	60.6

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

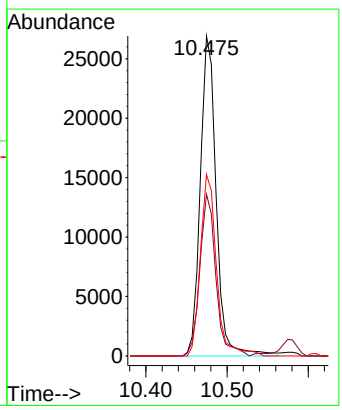


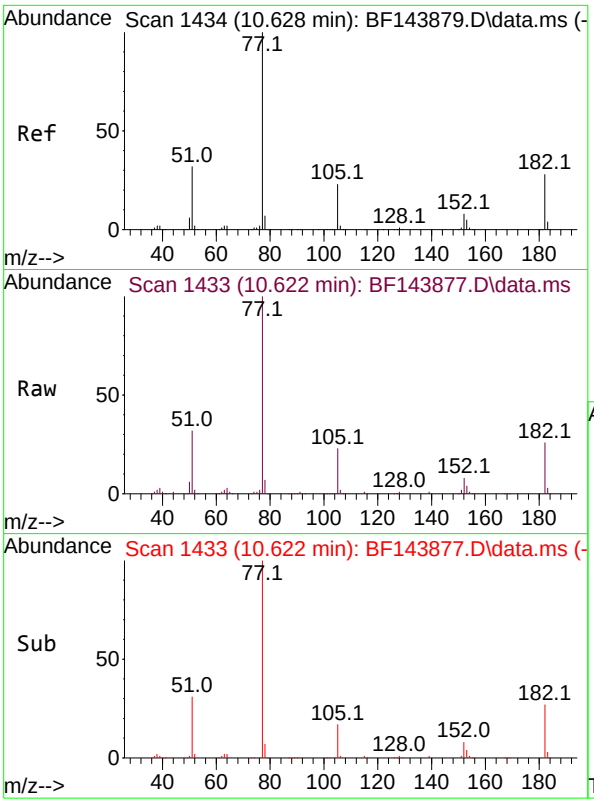


#62
4-Nitroaniline
Concen: 9.322 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.035 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

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

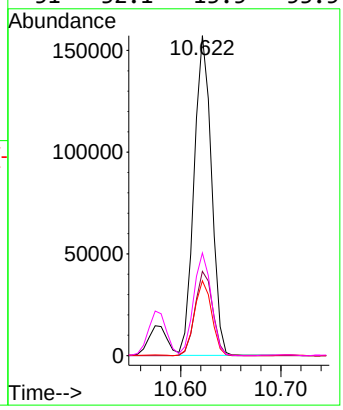




#63
Azobenzene
Concen: 10.794 ng
RT: 10.622 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion: 77 Resp: 188888

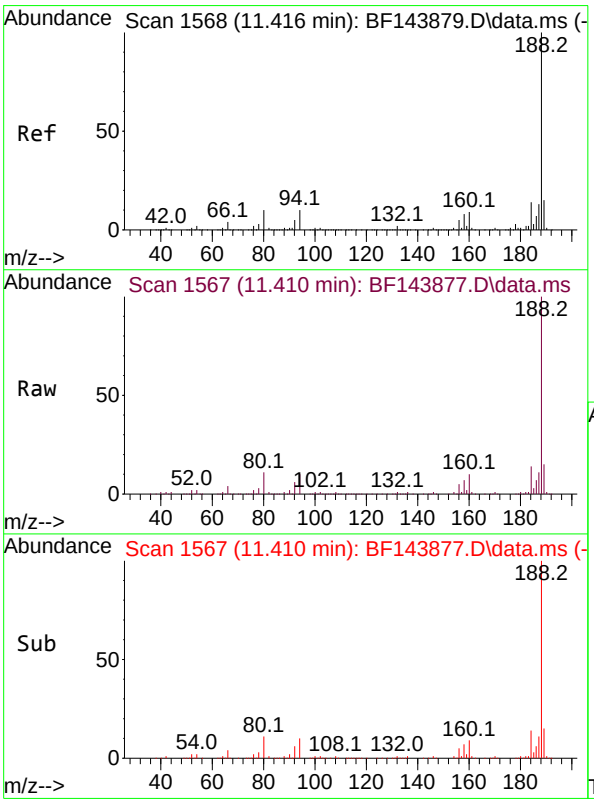
Ion	Ratio	Lower	Upper
77	100		
182	26.3	7.3	47.3
105	23.4	3.0	43.0
51	32.1	13.5	53.5



Instrument :
BNA_F
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Manual Integrations APPROVED

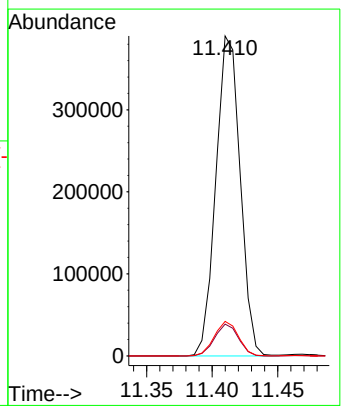
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

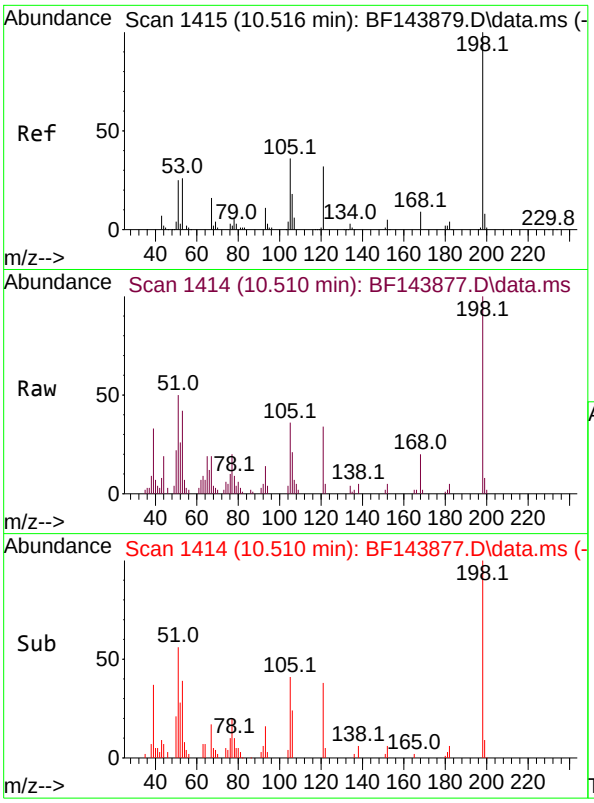


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

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

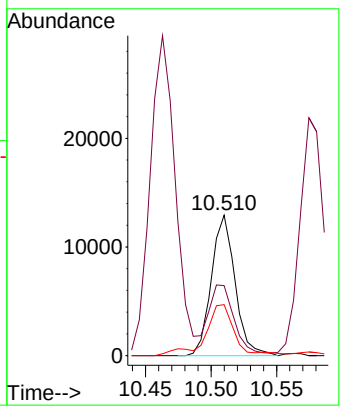




#65
4,6-Dinitro-2-methylphenol
Concen: 6.421 ng
RT: 10.510 min Scan# 14
Delta R.T. -0.023 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:198 Resp: 1627

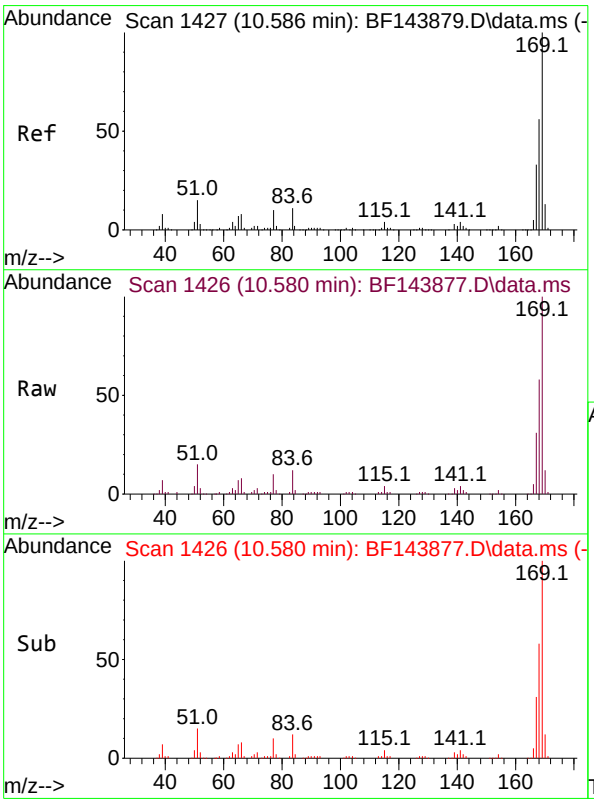
Ion	Ratio	Lower	Upper
198	100		
51	49.9	33.8	73.8
105	36.3	17.0	57.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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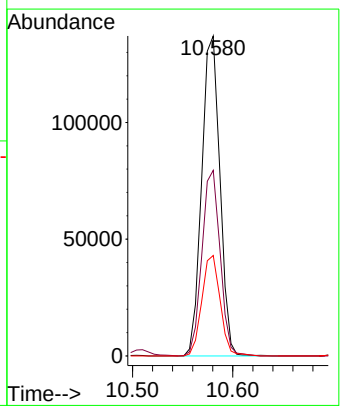
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

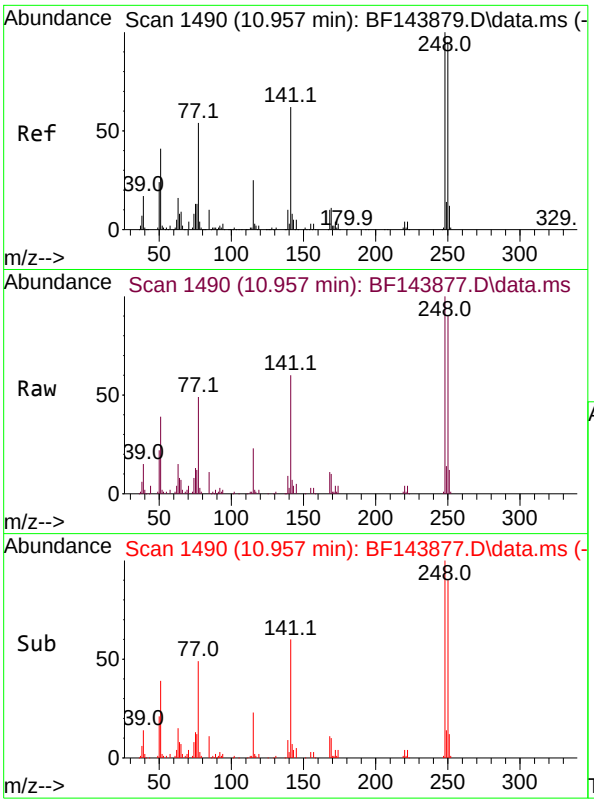


#66
n-Nitrosodiphenylamine
Concen: 10.869 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

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

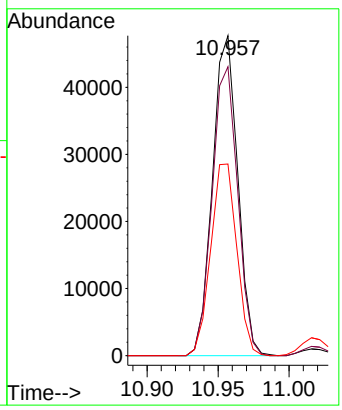




#67
4-Bromophenyl-phenylether
Concen: 10.581 ng
RT: 10.957 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:248 Resp: 5898

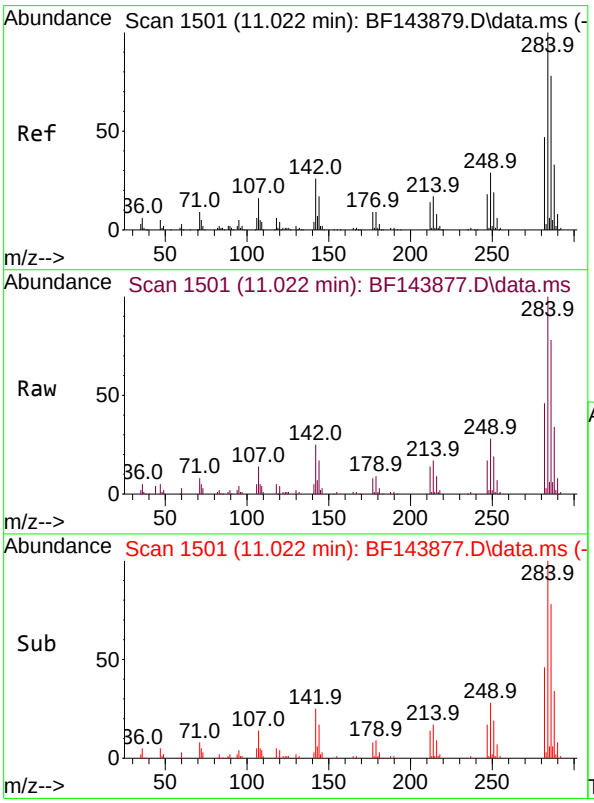
Ion	Ratio	Lower	Upper
248	100		
250	90.3	76.3	114.5
141	59.9	49.7	74.5



Instrument :
BNA_F
ClientSampleId :
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Manual Integrations APPROVED

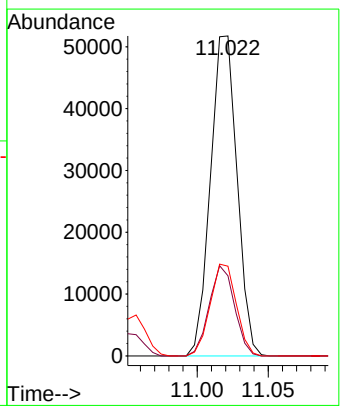
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

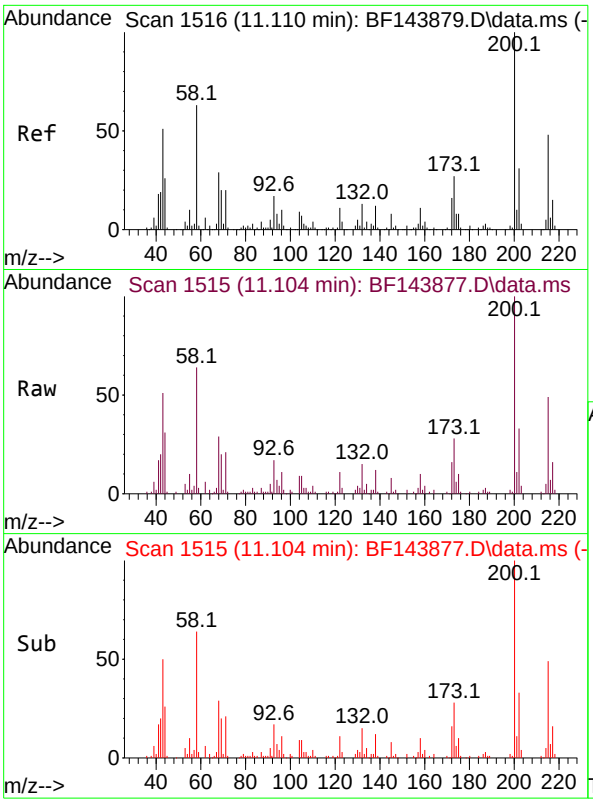


#68
Hexachlorobenzene
Concen: 10.459 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

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

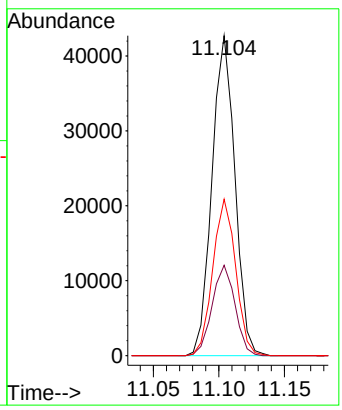




#69
Atrazine
Concen: 10.837 ng
RT: 11.104 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:200 Resp: 5201

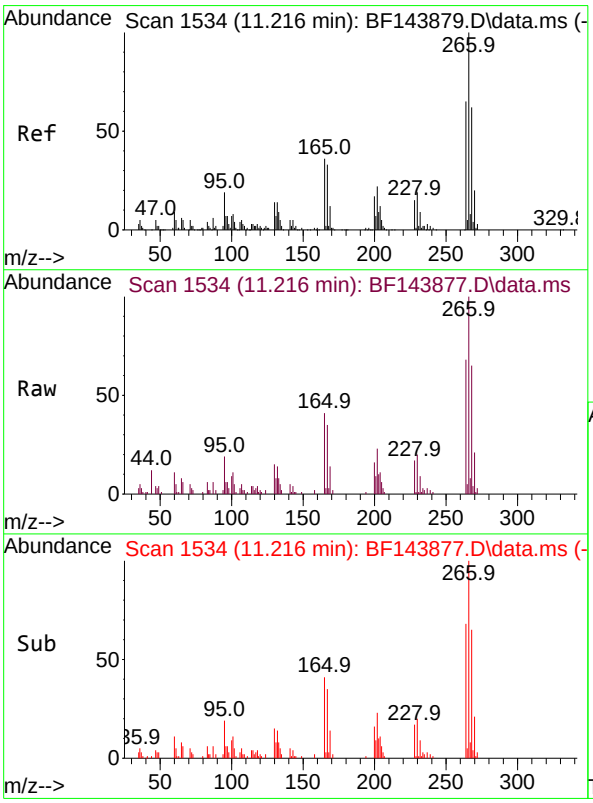
Ion	Ratio	Lower	Upper
200	100		
173	28.2	7.0	47.0
215	48.9	27.8	67.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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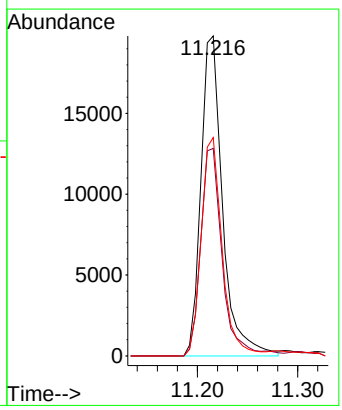
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

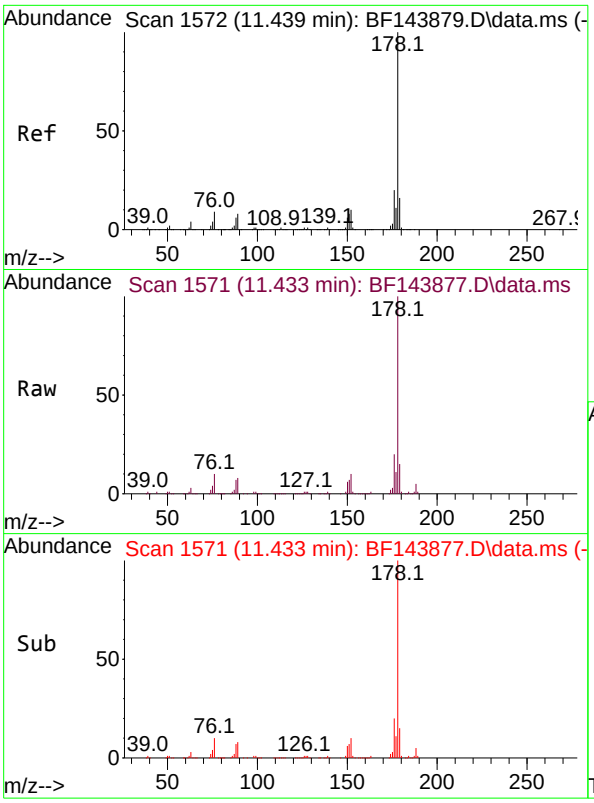


#70
Pentachlorophenol
Concen: 7.989 ng
RT: 11.216 min Scan# 1534
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

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

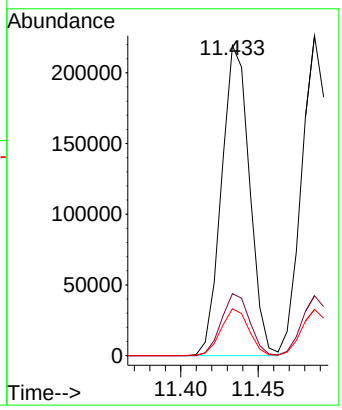




#71
Phenanthrene
Concen: 11.267 ng
RT: 11.433 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:178 Resp: 27548

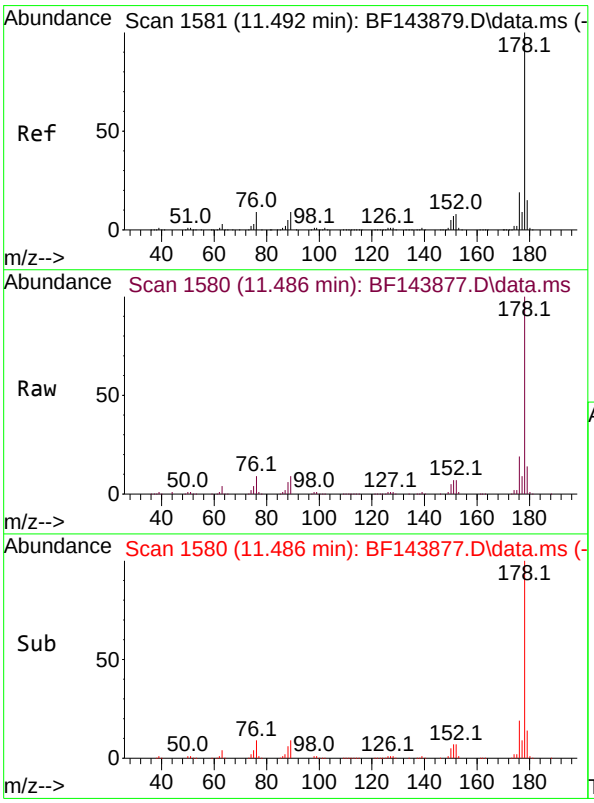
Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.9	23.9
179	15.1	12.4	18.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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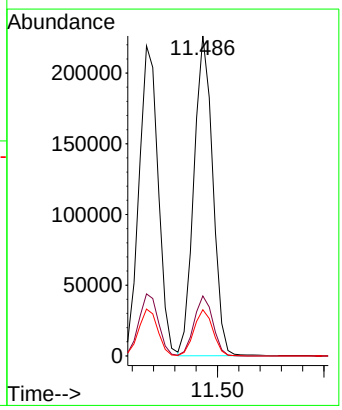
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

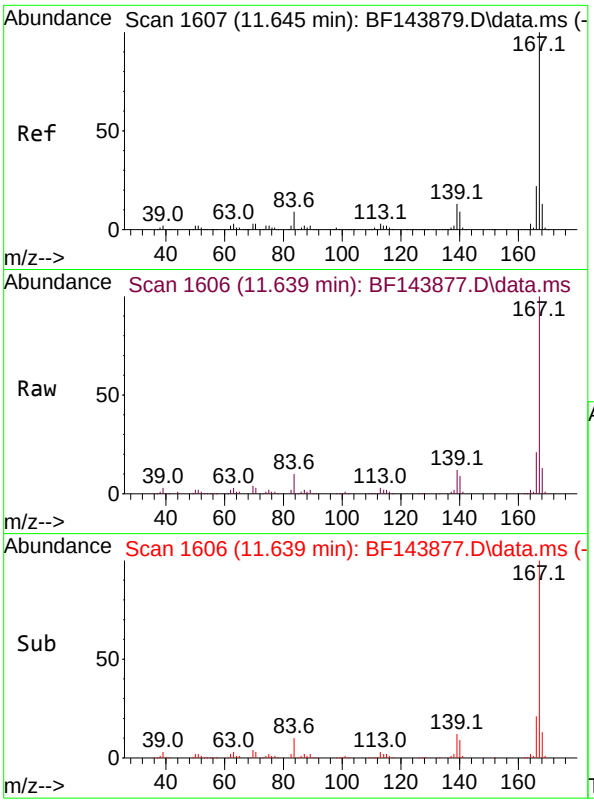


#72
Anthracene
Concen: 11.201 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

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

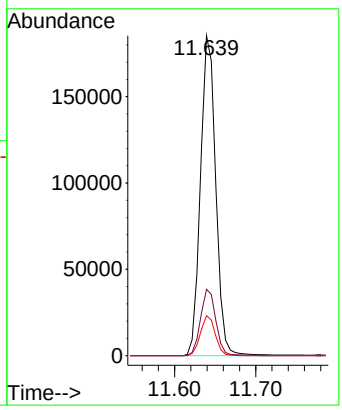




#73
Carbazole
Concen: 11.086 ng
RT: 11.639 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:167 Resp: 24253

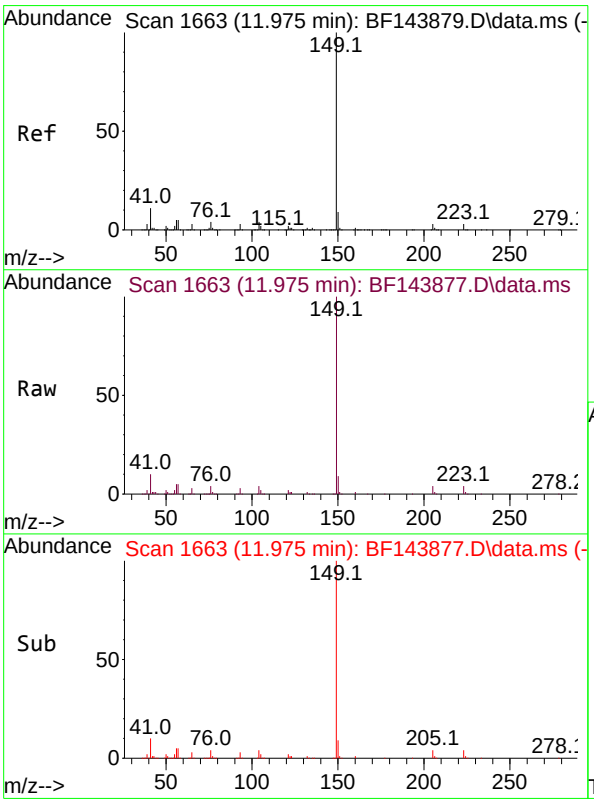
Ion	Ratio	Lower	Upper
167	100		
166	20.7	17.2	25.8
139	12.5	10.1	15.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

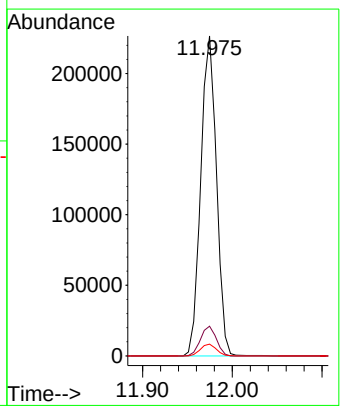
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

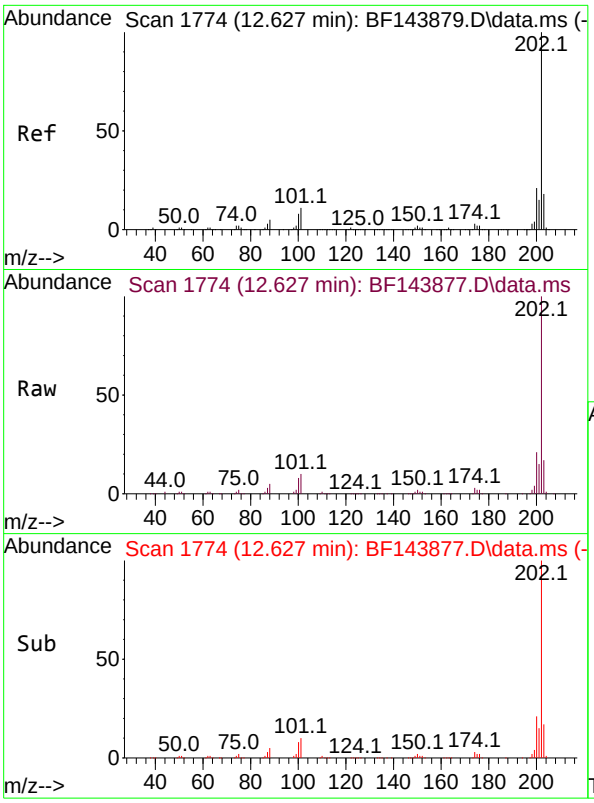


#74
Di-n-butylphthalate
Concen: 10.879 ng
RT: 11.975 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

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

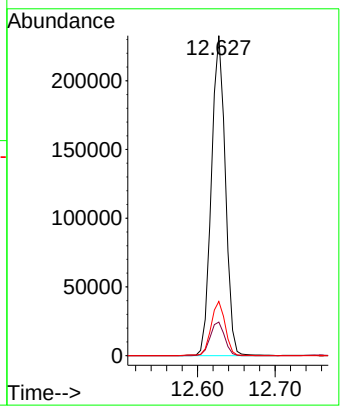




#75
Fluoranthene
Concen: 11.510 ng
RT: 12.627 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:202 Resp: 29071

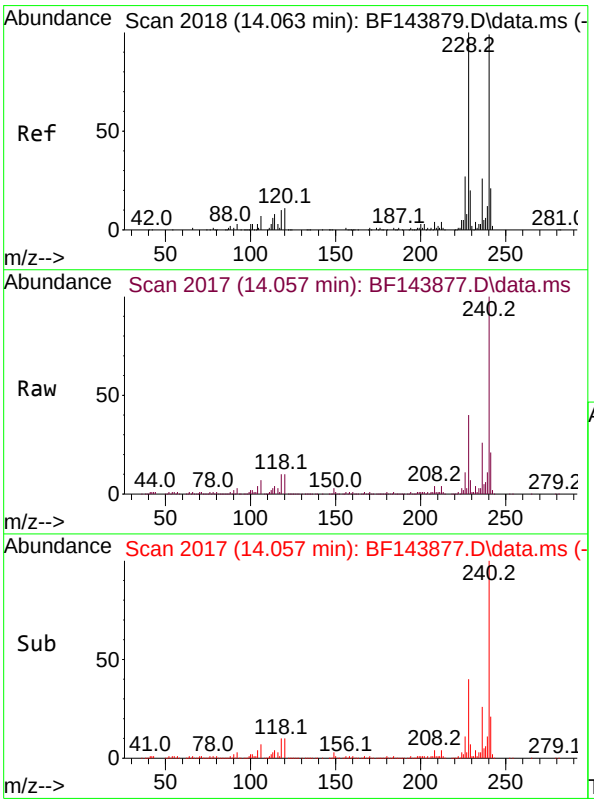
Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.7
203	16.9	0.0	37.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

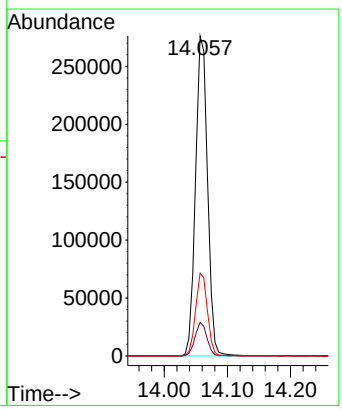
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

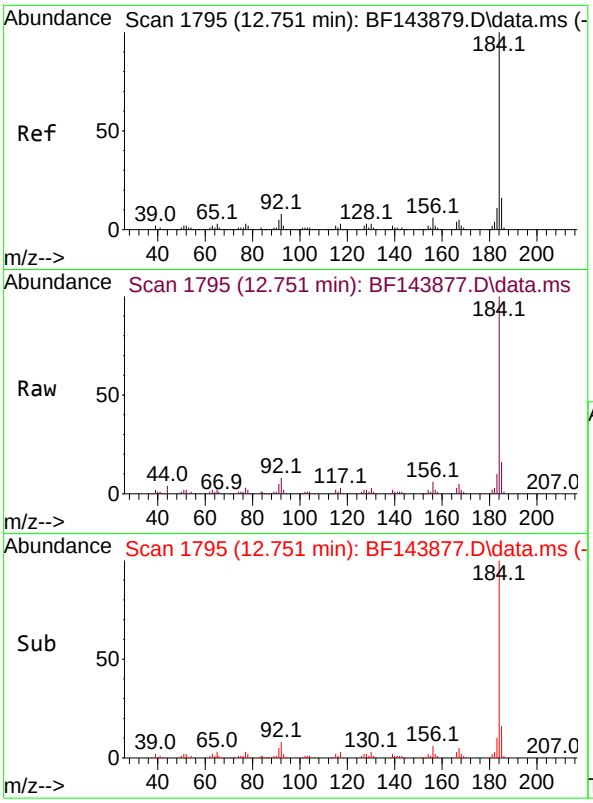


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.011 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

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

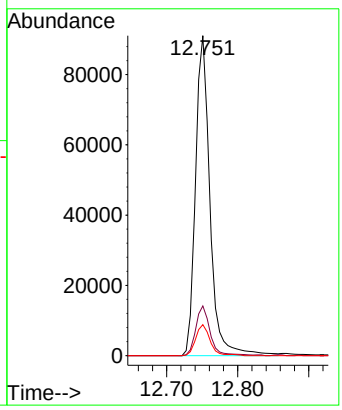




#77
Benzidine
Concen: 10.092 ng
RT: 12.751 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:184 Resp: 12842

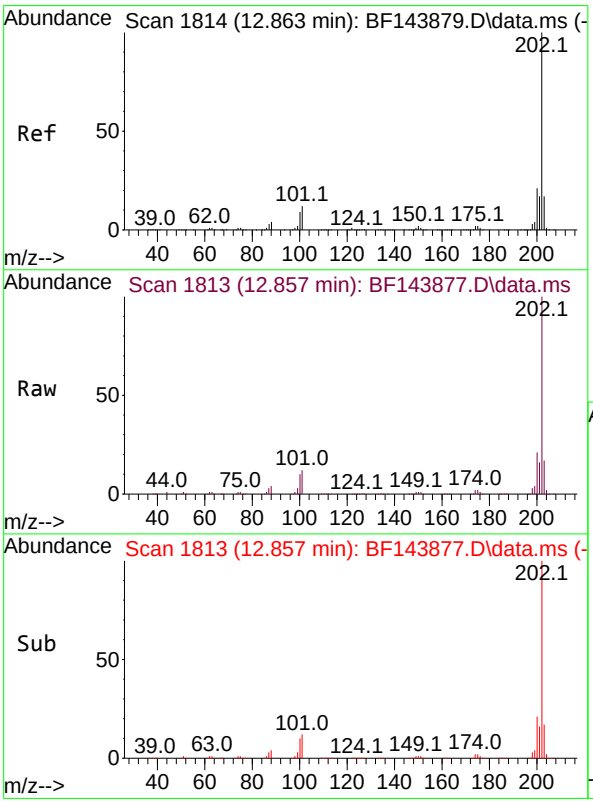
Ion	Ratio	Lower	Upper
184	100		
185	15.5	12.6	18.8
183	9.7	8.8	13.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

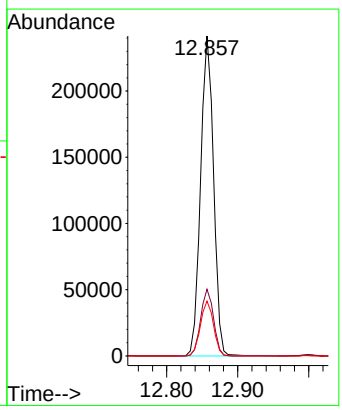
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

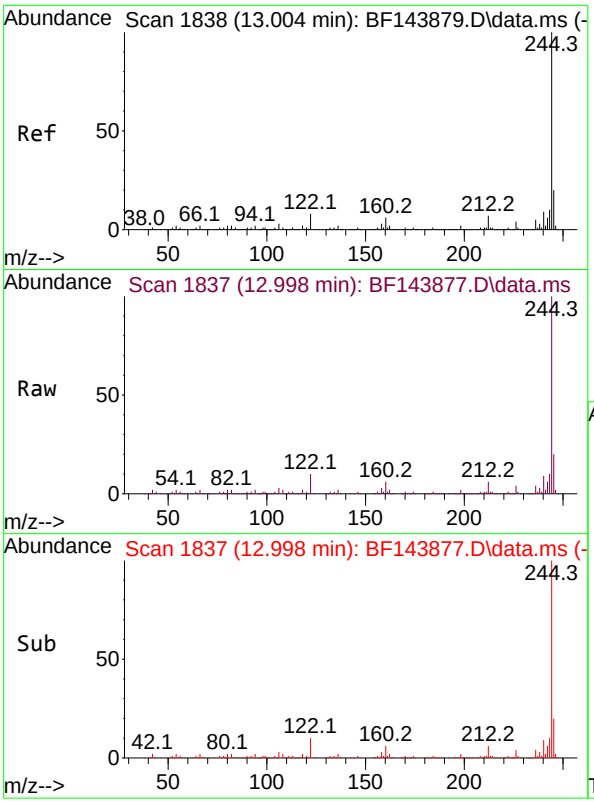


#78
Pyrene
Concen: 9.975 ng
RT: 12.857 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

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

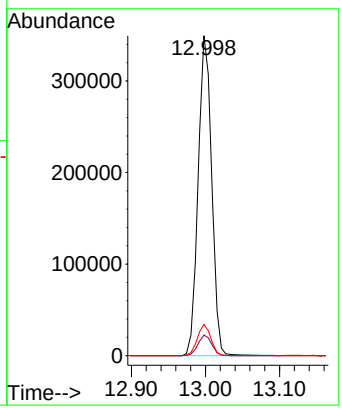




#79
Terphenyl-d14
Concen: 20.657 ng
RT: 12.998 min Scan# 18
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:244 Resp: 442968

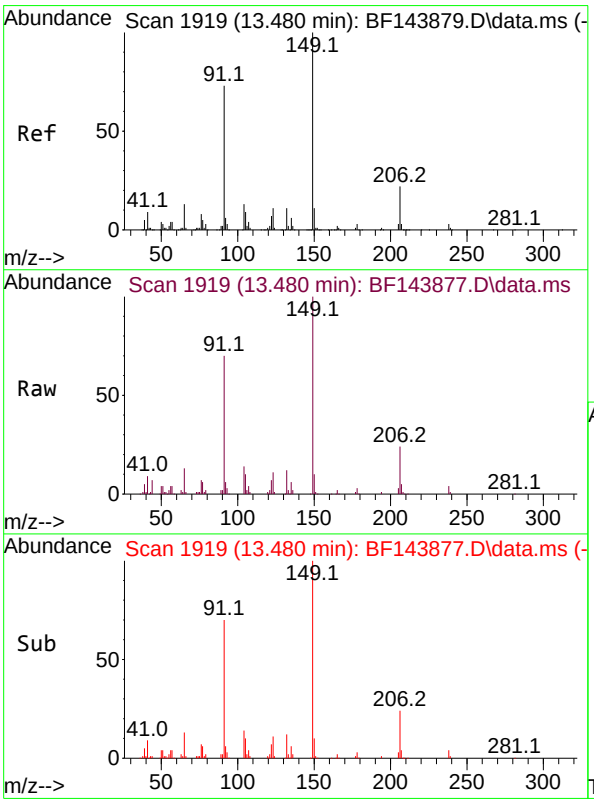
Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	9.7	6.4	9.6#



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

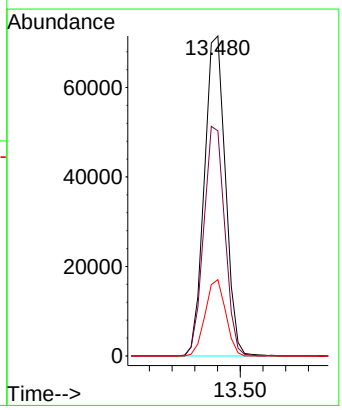
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

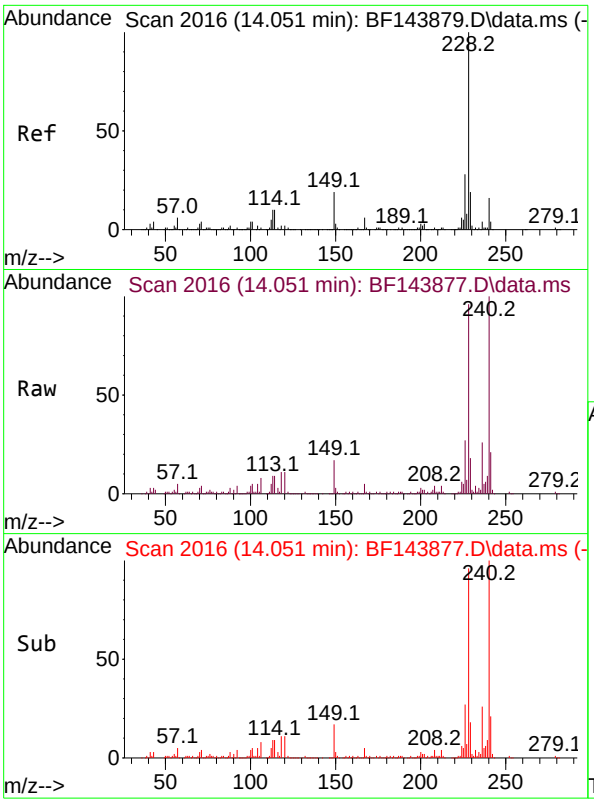


#80
Butylbenzylphthalate
Concen: 9.296 ng
RT: 13.480 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

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

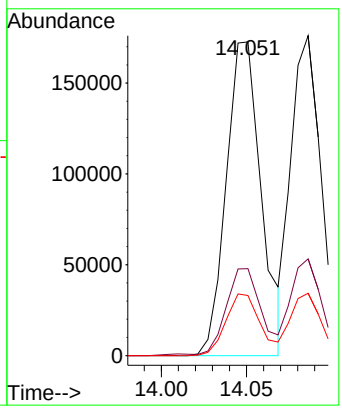




#81
Benzo(a)anthracene
Concen: 10.293 ng
RT: 14.051 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:228 Resp: 24687

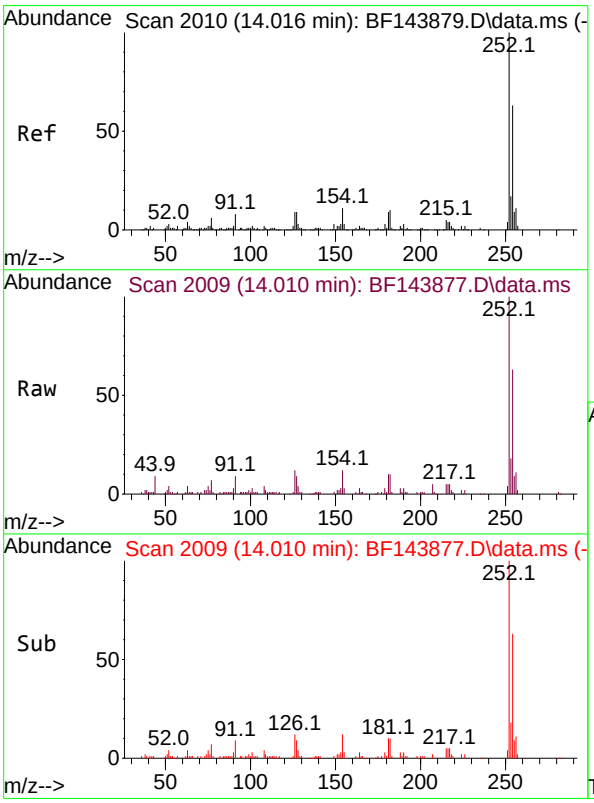
Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.2	33.2
229	19.1	15.6	23.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

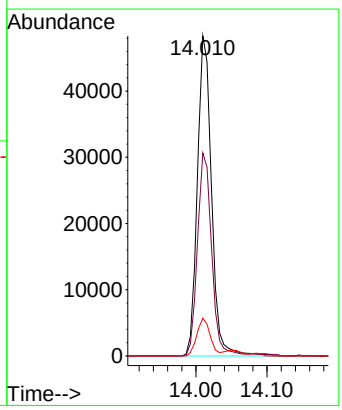
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

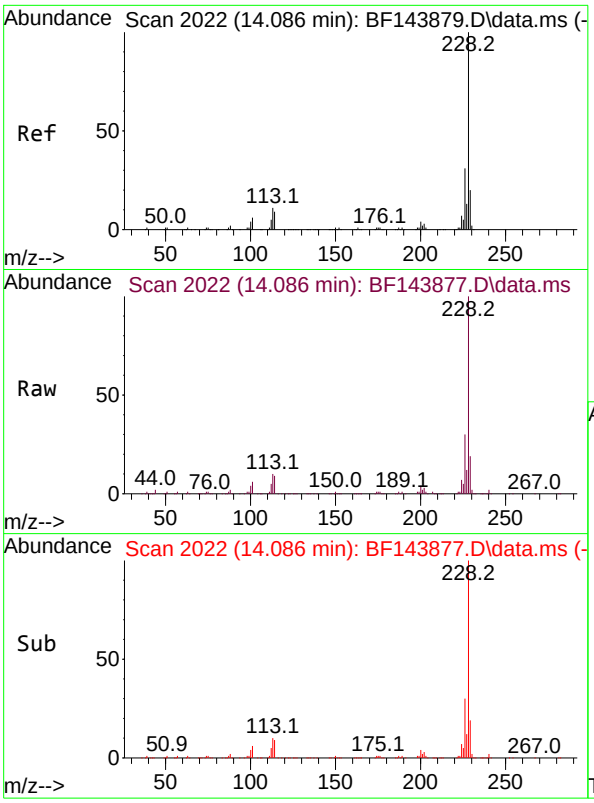


#82
3,3'-Dichlorobenzidine
Concen: 9.129 ng
RT: 14.010 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

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# 20
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

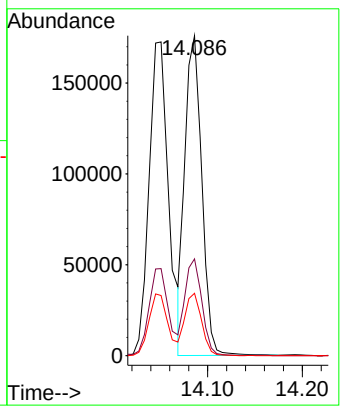
Tgt Ion:228 Resp: 21774

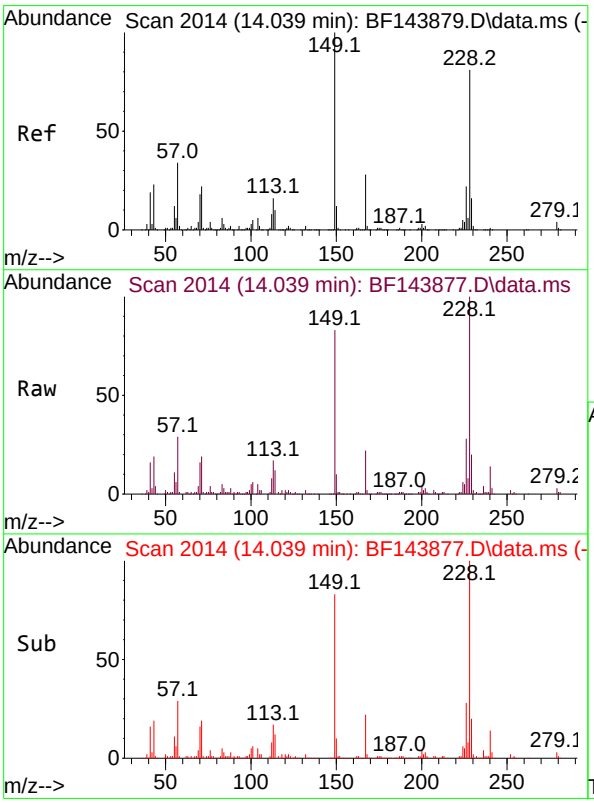
Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.4	36.6
229	19.5	15.9	23.9

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

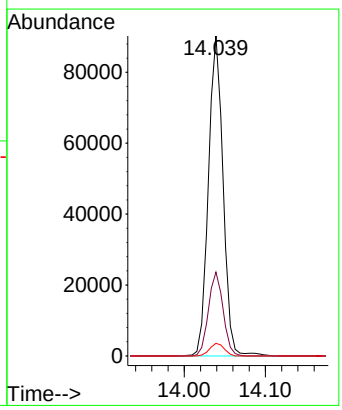


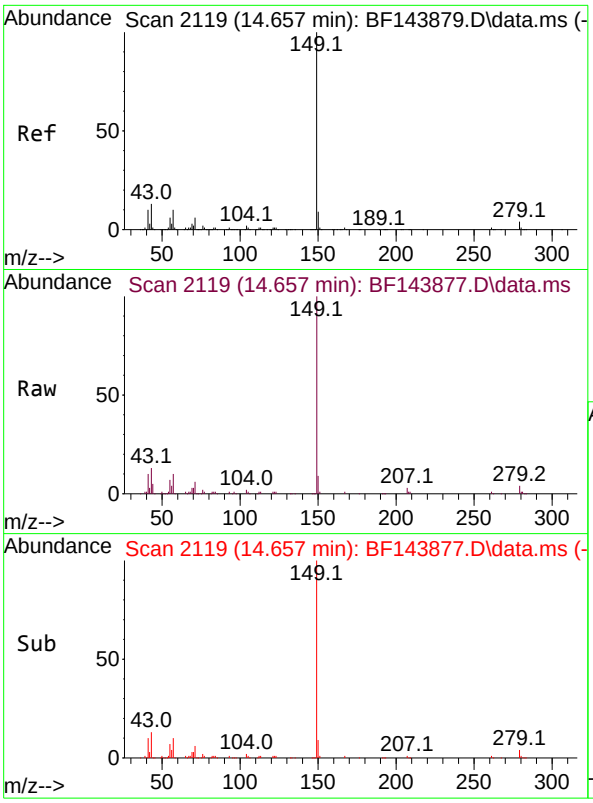


#84
Bis(2-ethylhexyl)phthalate
Concen: 9.483 ng
RT: 14.039 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

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

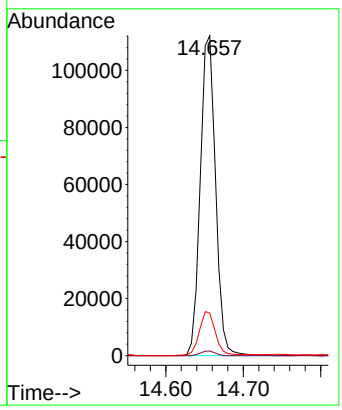




#85
Di-n-octyl phthalate
Concen: 7.810 ng
RT: 14.657 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:149 Resp: 15343

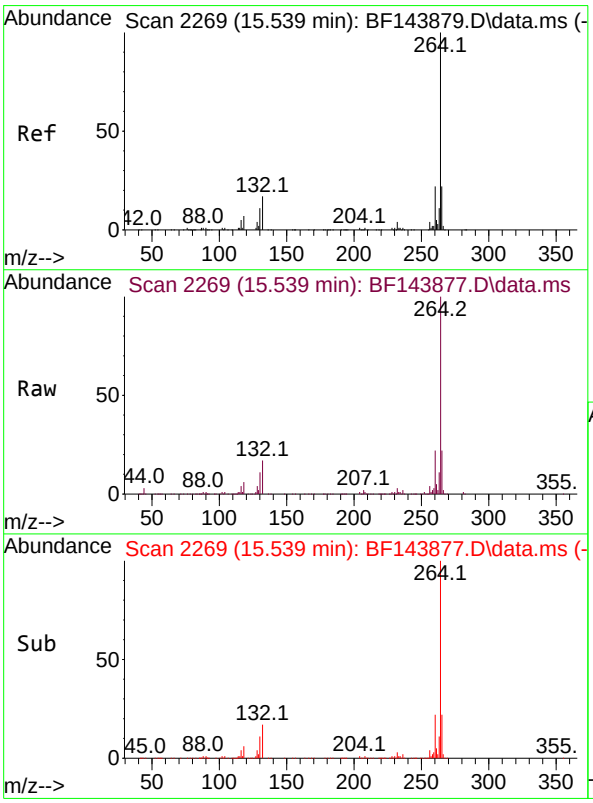
Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.1	1.7
43	14.8	11.0	16.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

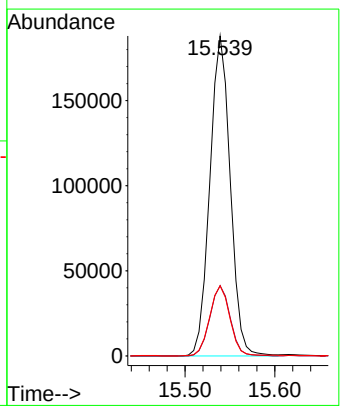
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

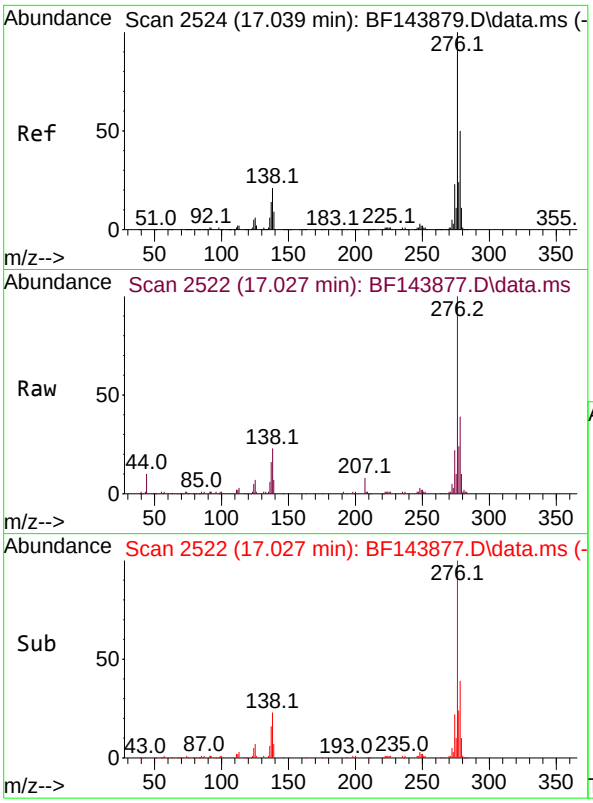


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

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

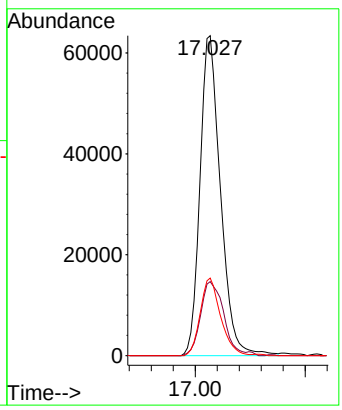




#87
Indeno(1,2,3-cd)pyrene
Concen: 9.011 ng
RT: 17.027 min Scan# 2
Delta R.T. -0.029 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:276 Resp: 16420

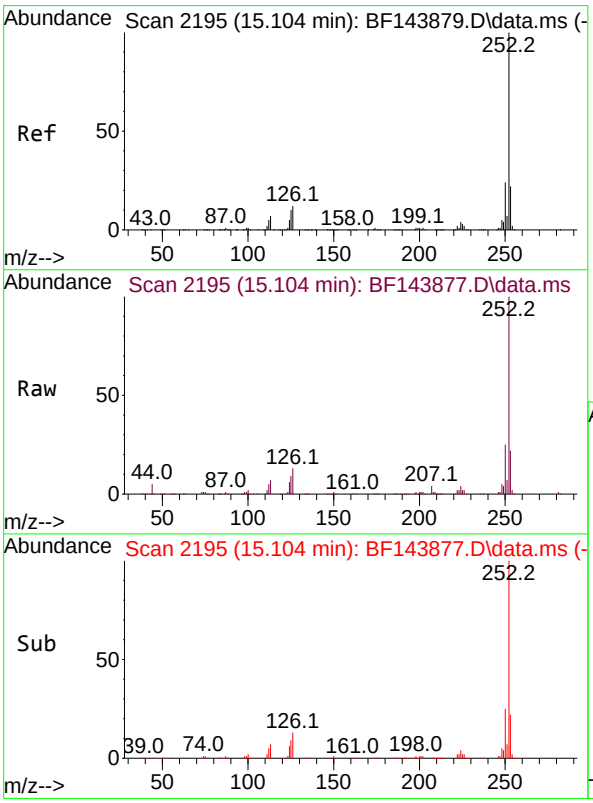
Ion	Ratio	Lower	Upper
276	100		
138	26.2	18.2	27.2
277	24.1	19.8	29.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

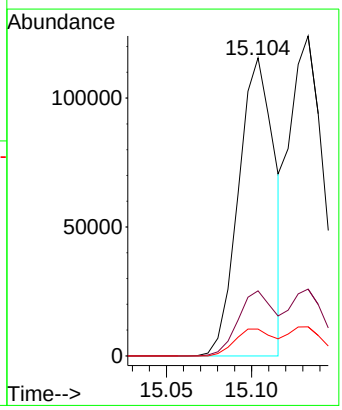
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

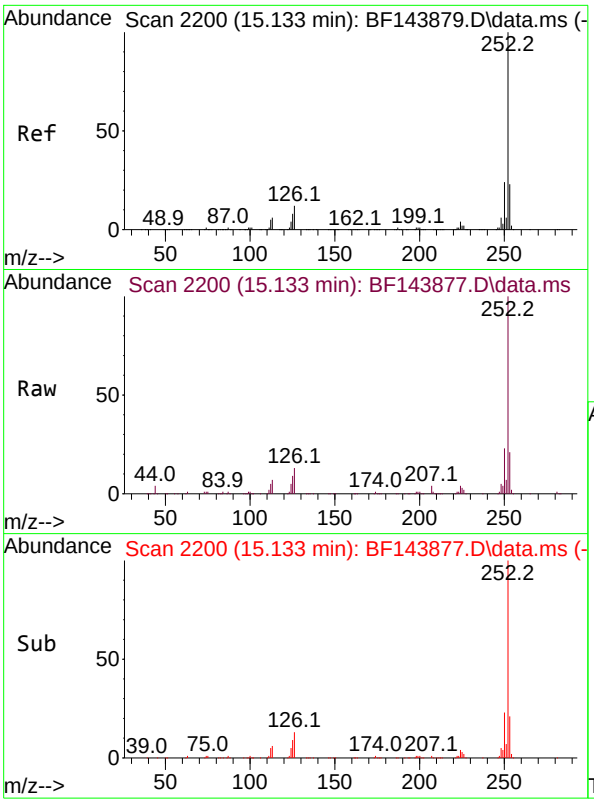


#88
Benzo(b)fluoranthene
Concen: 9.901 ng
RT: 15.104 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

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

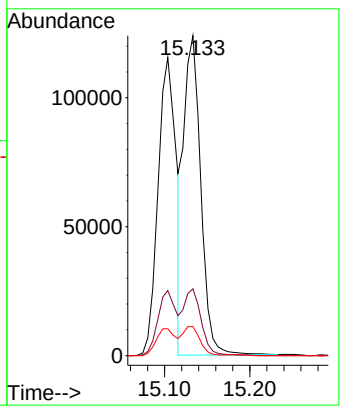




#89
Benzo(k)fluoranthene
Concen: 11.032 ng
RT: 15.133 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:252 Resp: 17439

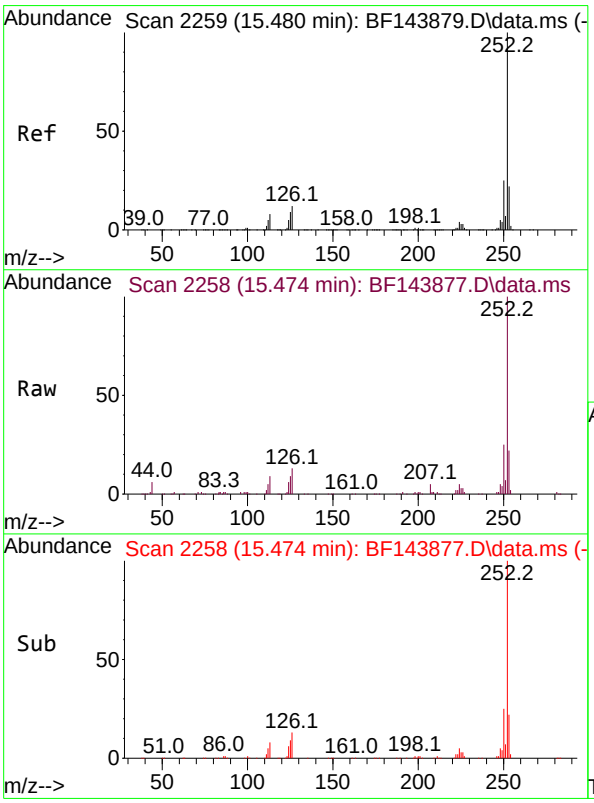
Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.8	26.8
125	9.1	7.4	11.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

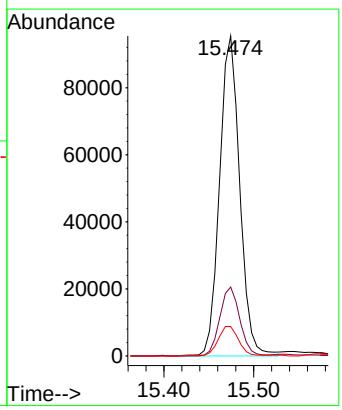
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

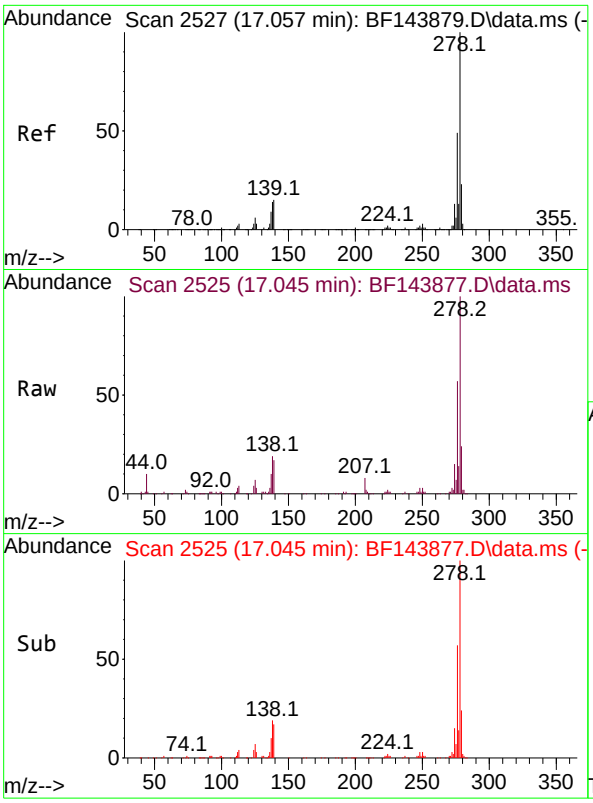


#90
Benzo(a)pyrene
Concen: 10.096 ng
RT: 15.474 min Scan# 2258
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

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

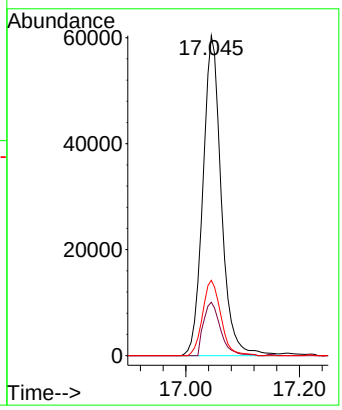




#91
Dibenzo(a,h)anthracene
Concen: 9.279 ng
RT: 17.045 min Scan# 2
Delta R.T. -0.035 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:278 Resp: 13599

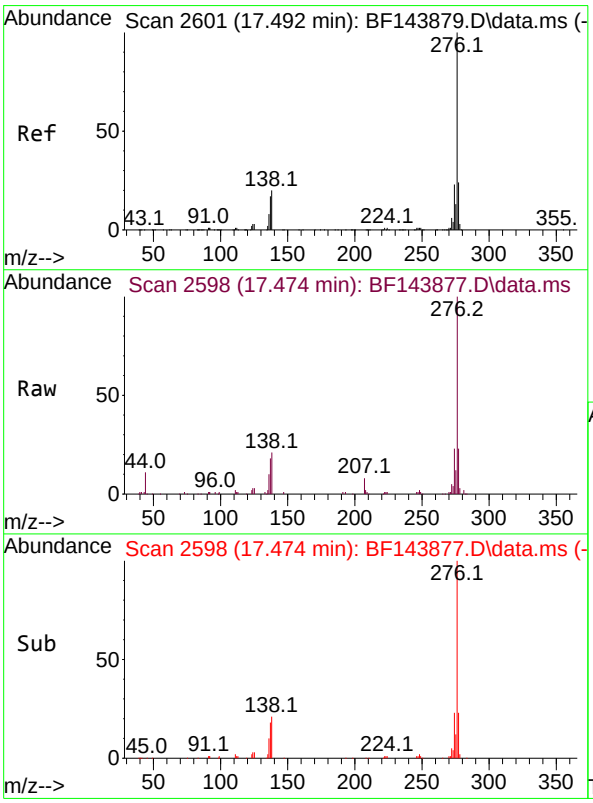
Ion	Ratio	Lower	Upper
278	100		
139	16.7	11.7	17.5
279	23.5	18.4	27.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

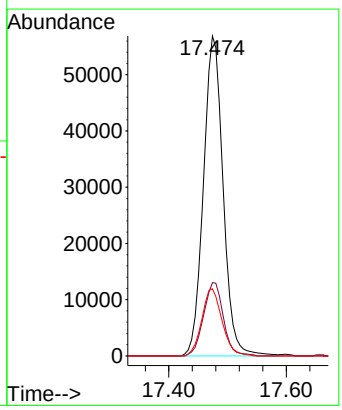
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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



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

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

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

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	272100m	21.046	ng		
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	98172m	17.912	ng		
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

ICAL Form

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

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

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

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

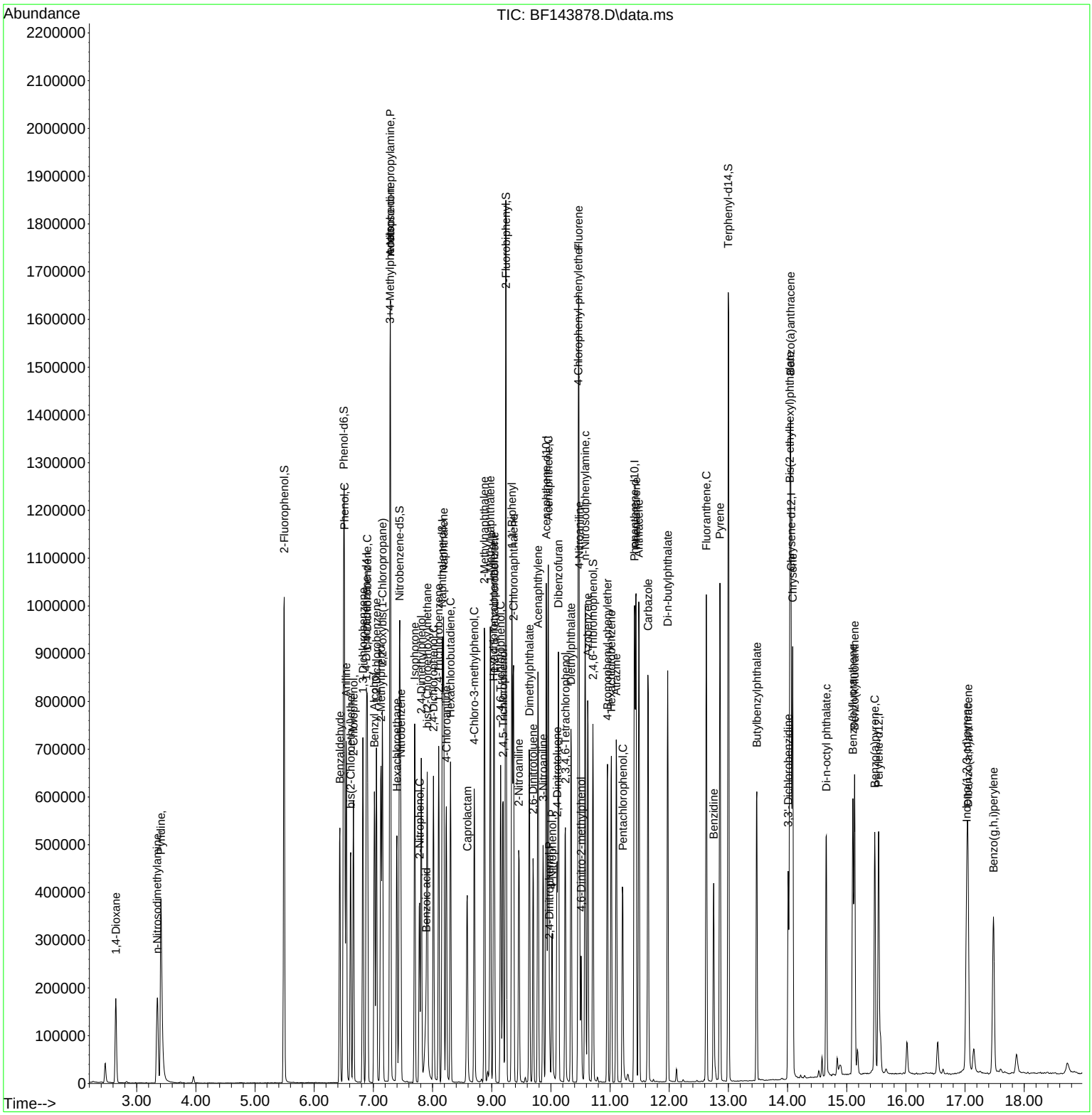
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143878.D
Acq On : 06 Oct 2025 11:56
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

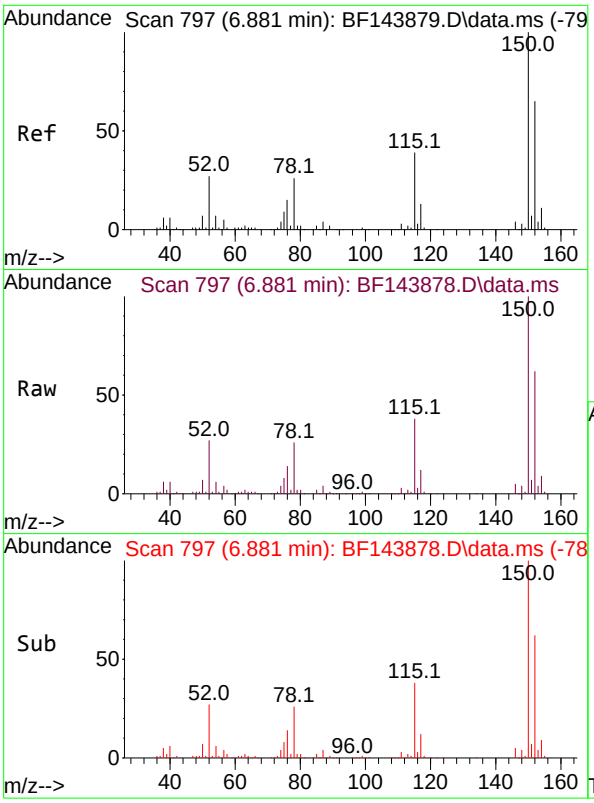
Quant Time: Oct 06 15:38:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

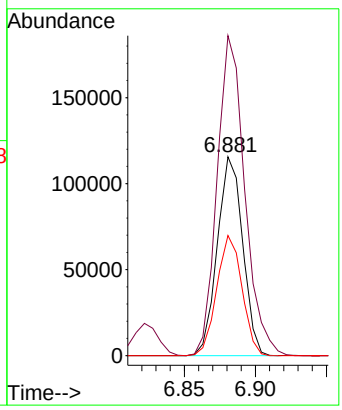




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:152 Resp: 144071

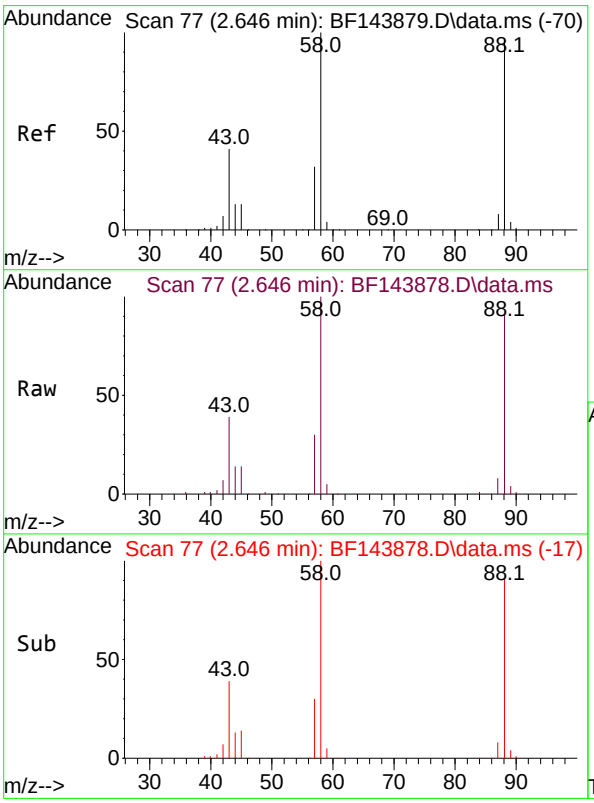
Ion	Ratio	Lower	Upper
152	100		
150	160.9	124.4	186.6
115	60.4	48.1	72.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

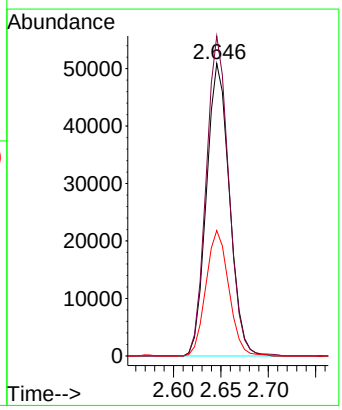
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

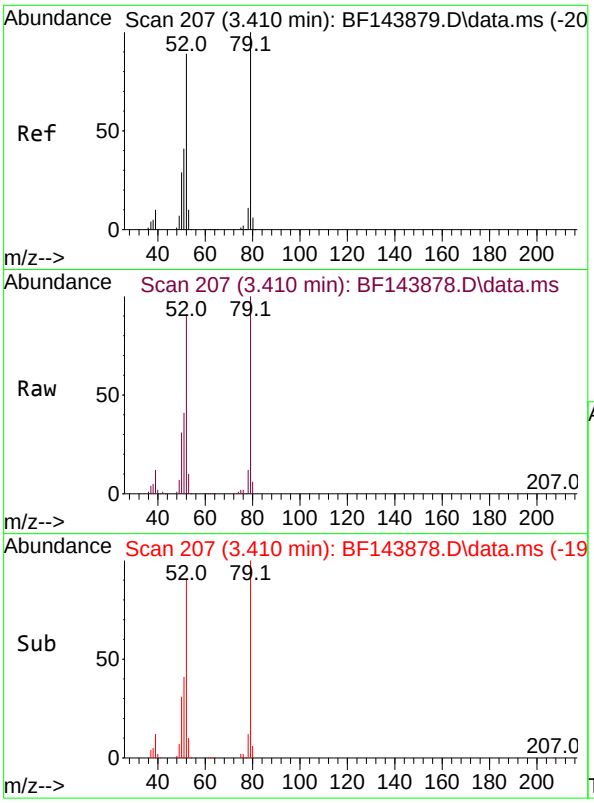


#2
1,4-Dioxane
Concen: 20.503 ng
RT: 2.646 min Scan# 77
Delta R.T. 0.000 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

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

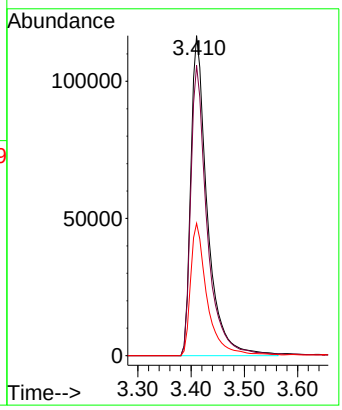




#3
Pyridine
Concen: 20.618 ng
RT: 3.410 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion: 79 Resp: 25198

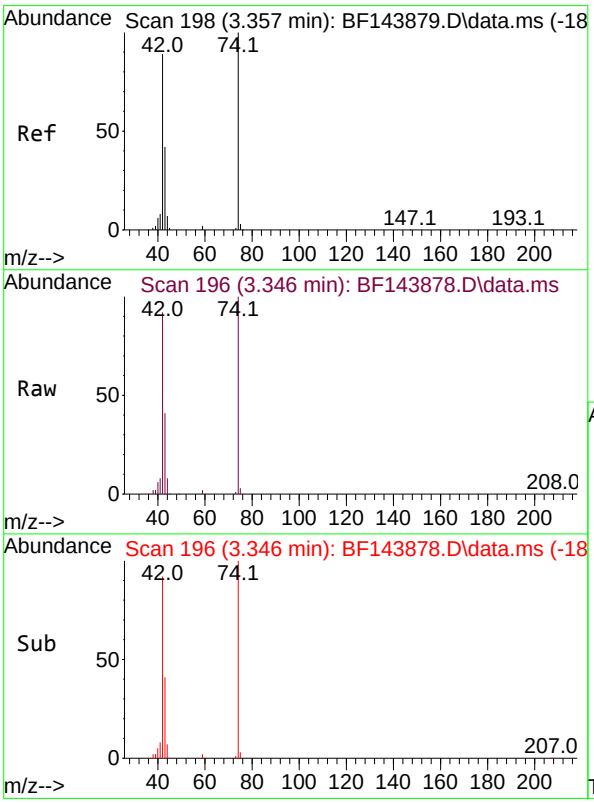
Ion	Ratio	Lower	Upper
79	100		
52	90.7	71.5	107.3
51	41.3	32.9	49.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

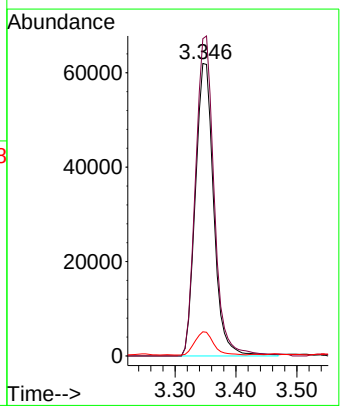
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

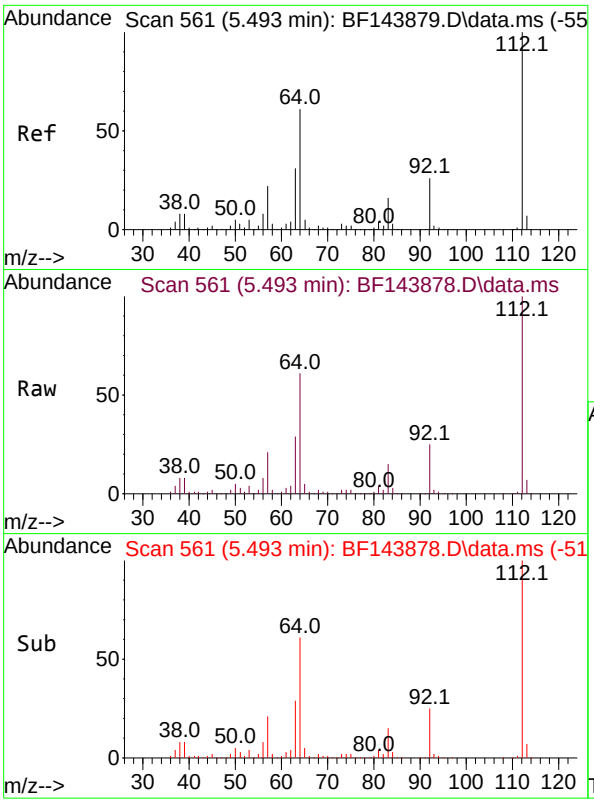


#4
n-Nitrosodimethylamine
Concen: 20.051 ng
RT: 3.346 min Scan# 196
Delta R.T. -0.041 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

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

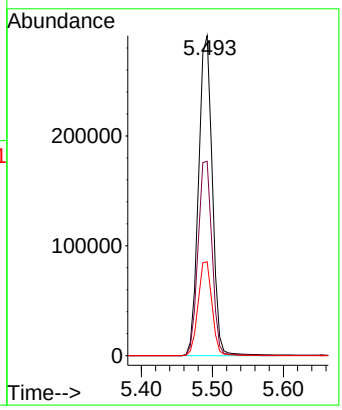
Tgt Ion:112 Resp: 38964

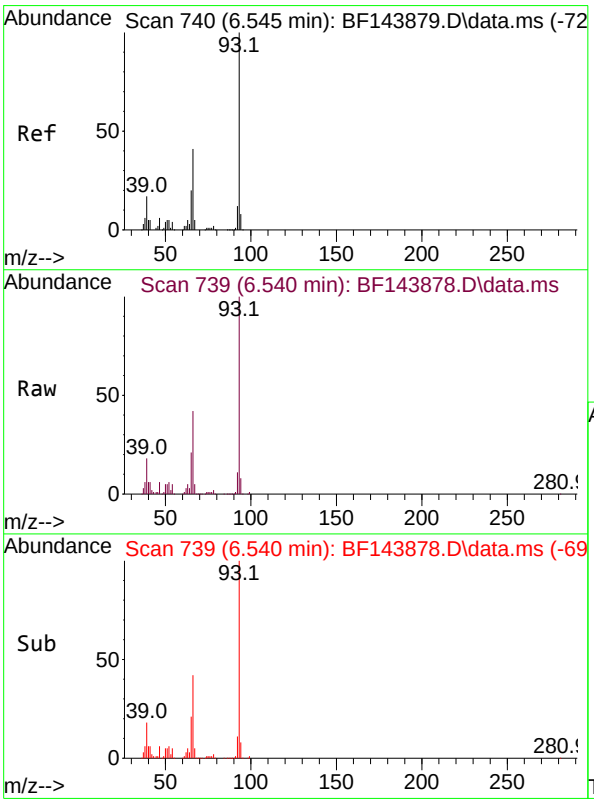
Ion	Ratio	Lower	Upper
112	100		
64	60.7	49.1	73.7
63	29.3	24.5	36.7

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

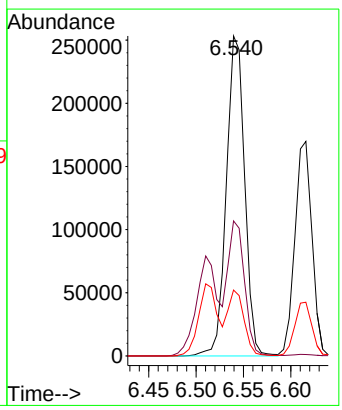


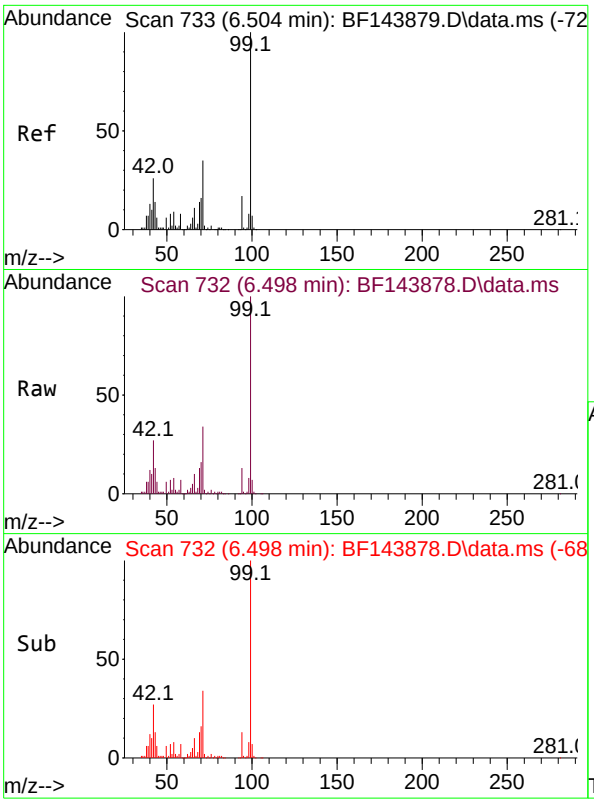


#6
Aniline
Concen: 20.994 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

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

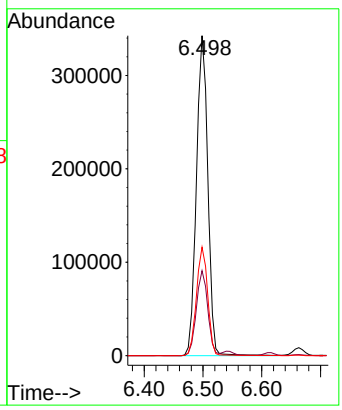




#7
Phenol-d6
Concen: 42.670 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion: 99 Resp: 46143

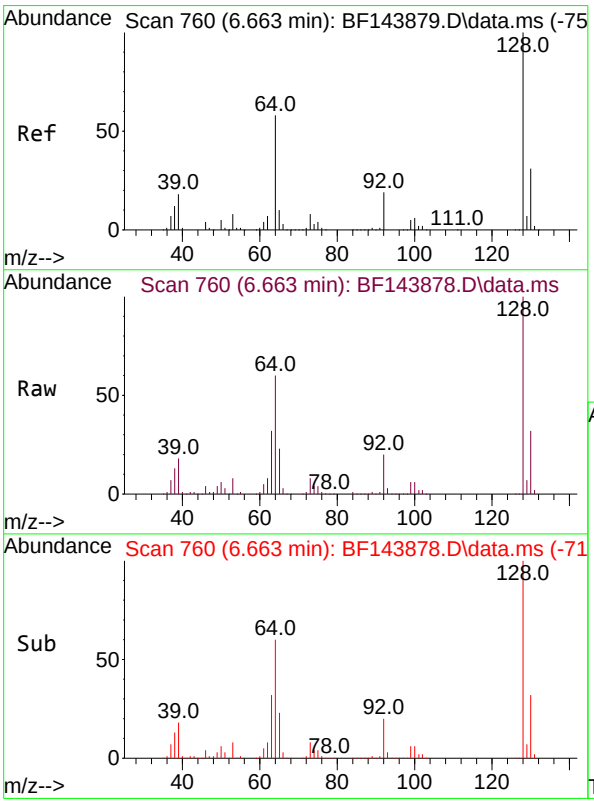
Ion	Ratio	Lower	Upper
99	100		
42	26.5	21.0	31.4
71	33.9	27.8	41.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

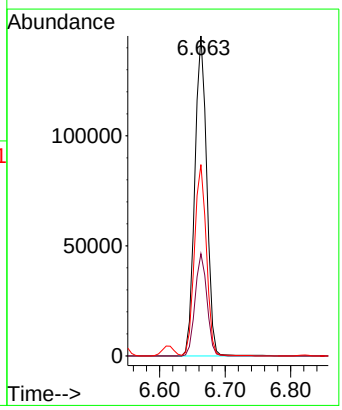
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

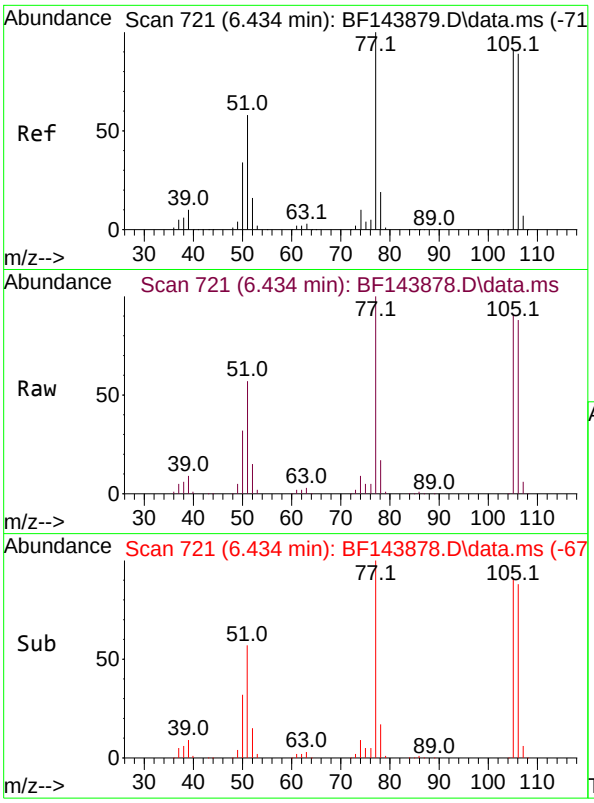


#8
2-Chlorophenol
Concen: 20.704 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

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

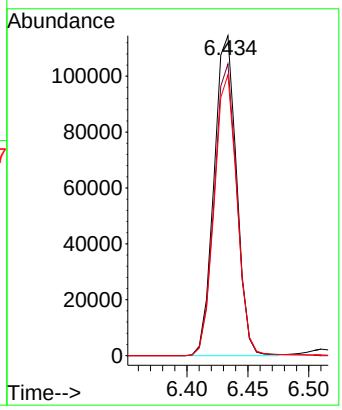




#9
Benzaldehyde
Concen: 17.715 ng
RT: 6.434 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion: 77 Resp: 14778

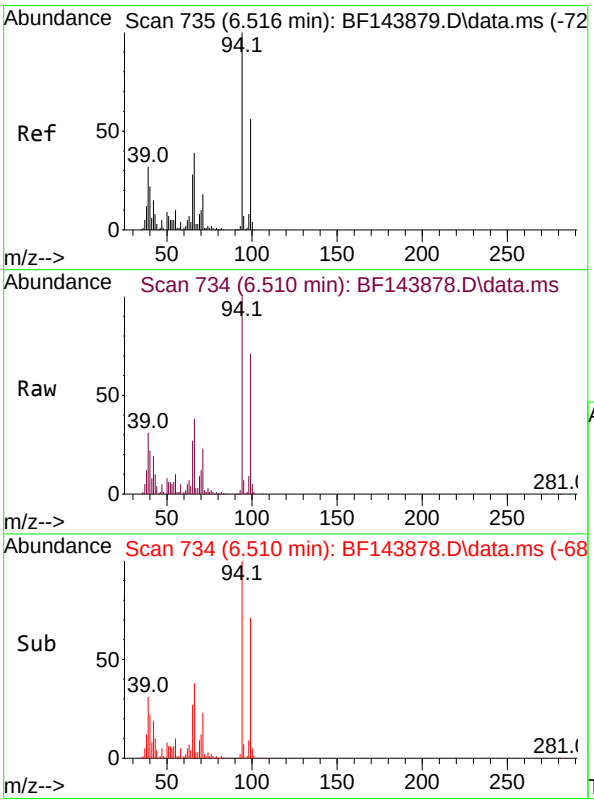
Ion	Ratio	Lower	Upper
77	100		
105	91.2	70.9	110.9
106	87.8	68.9	108.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

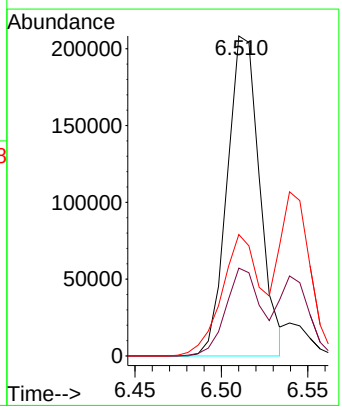
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

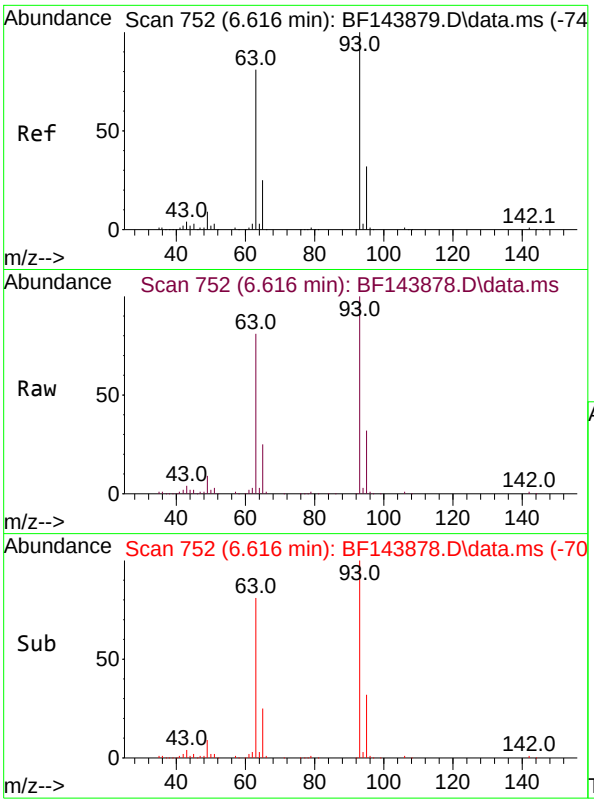


#10
Phenol
Concen: 21.046 ng m
RT: 6.510 min Scan# 734
Delta R.T. -0.023 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion: 94 Resp: 272100

Ion	Ratio	Lower	Upper
94	100		
65	27.4	8.5	48.5
66	37.9	19.9	59.9

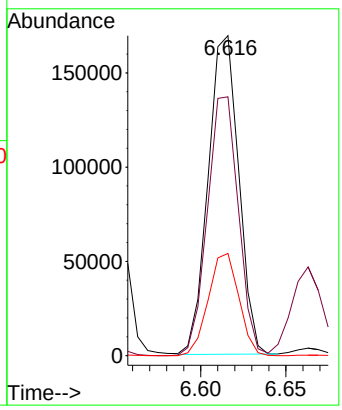




#11
bis(2-Chloroethyl)ether
Concen: 21.157 ng
RT: 6.616 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion: 93 Resp: 21129

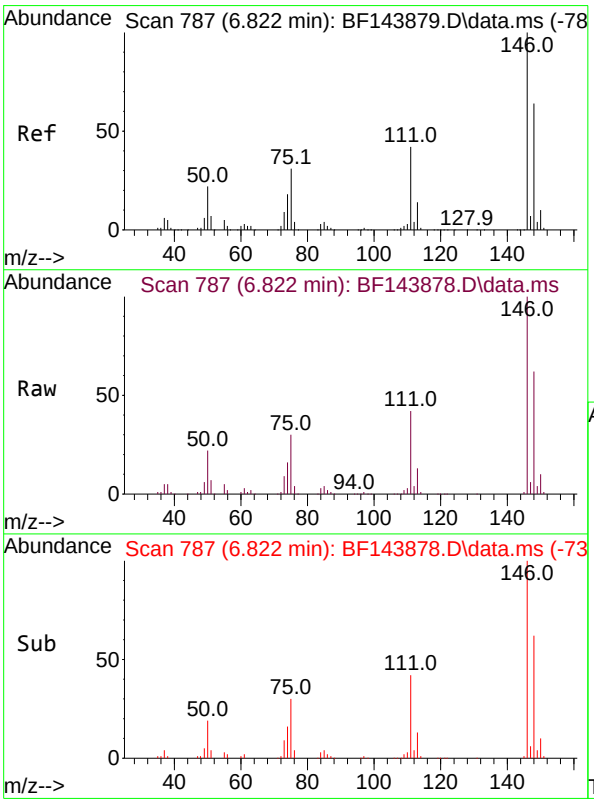
Ion	Ratio	Lower	Upper
93	100		
63	80.9	60.9	100.9
95	31.9	11.5	51.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

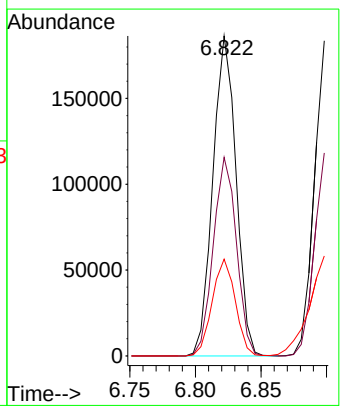
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

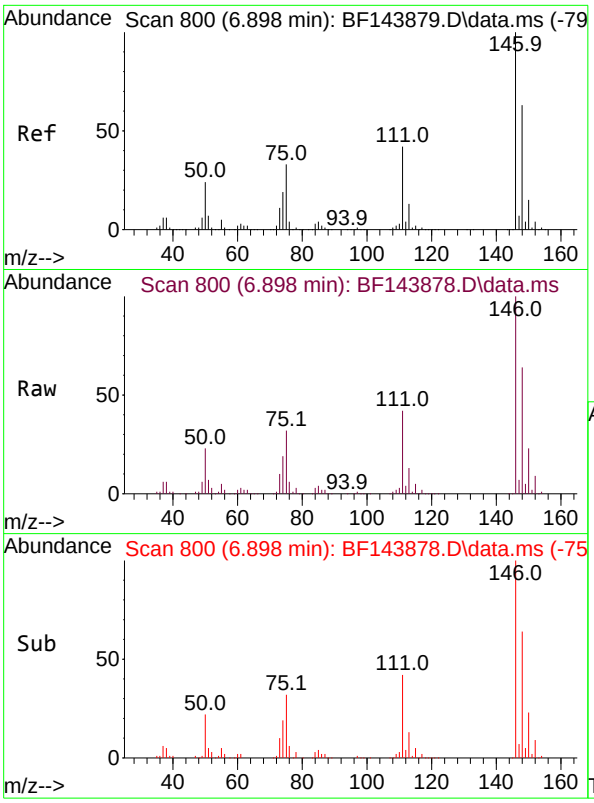


#12
1,3-Dichlorobenzene
Concen: 21.566 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

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

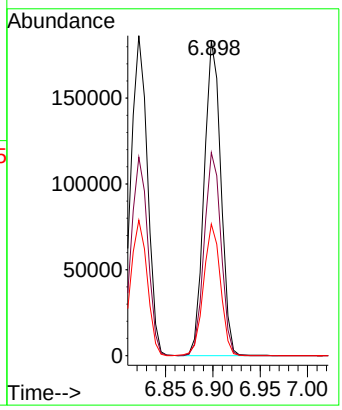




#13
1,4-Dichlorobenzene
Concen: 21.554 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:146 Resp: 22570

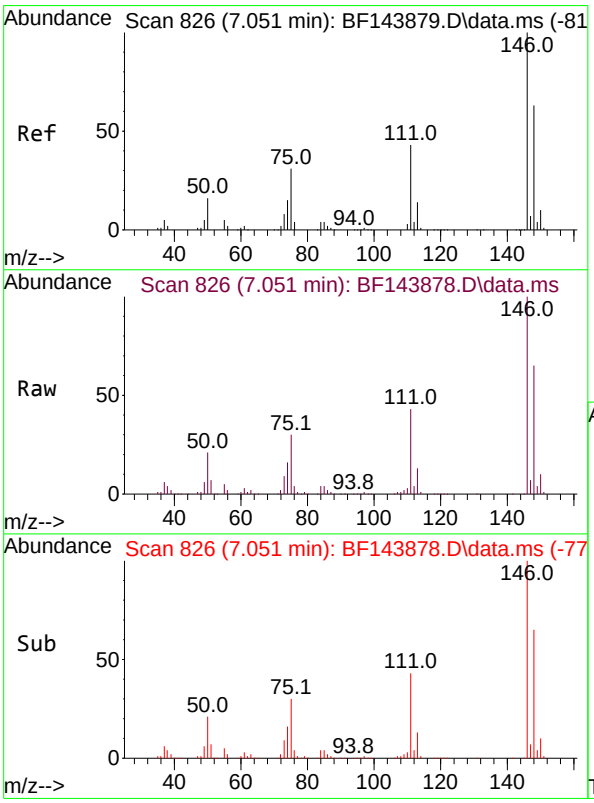
Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.5	75.7
111	41.8	33.4	50.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

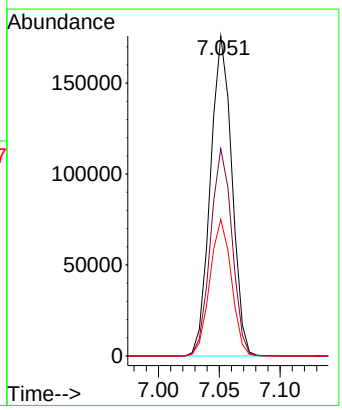
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

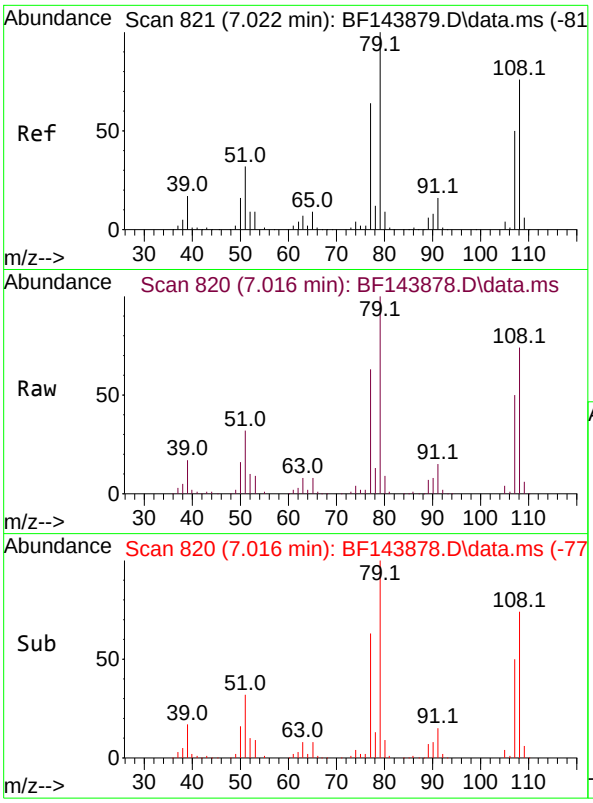


#14
1,2-Dichlorobenzene
Concen: 21.555 ng
RT: 7.051 min Scan# 826
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

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

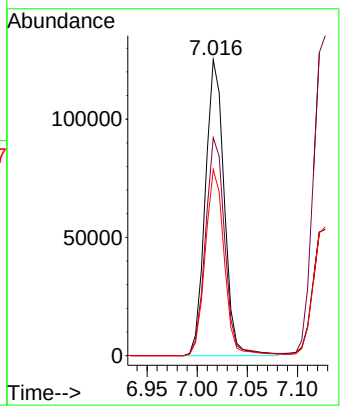




#15
Benzyl Alcohol
Concen: 20.241 ng
RT: 7.016 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion: 79 Resp: 16400

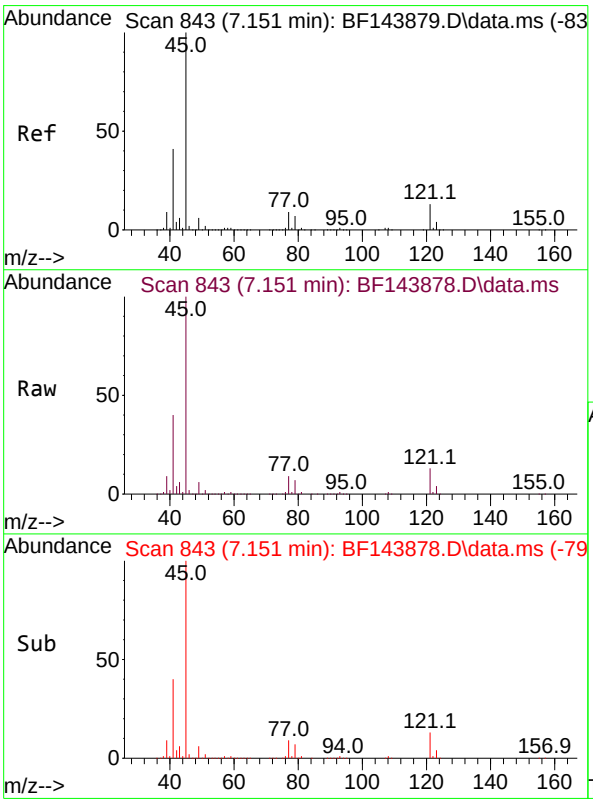
Ion	Ratio	Lower	Upper
79	100		
108	73.6	60.8	91.2
77	62.9	51.0	76.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

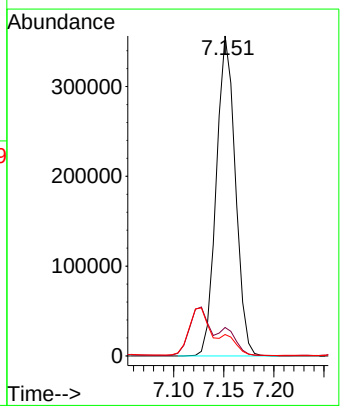
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

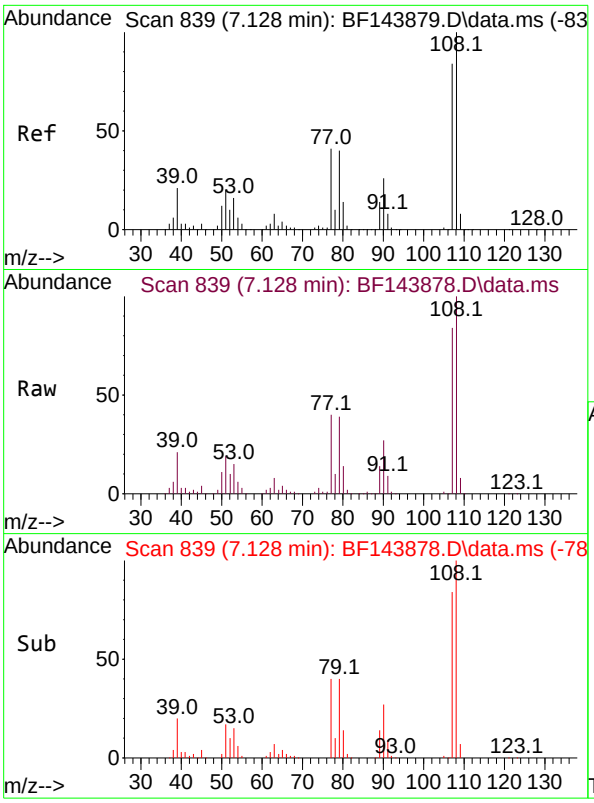


#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.745 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

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

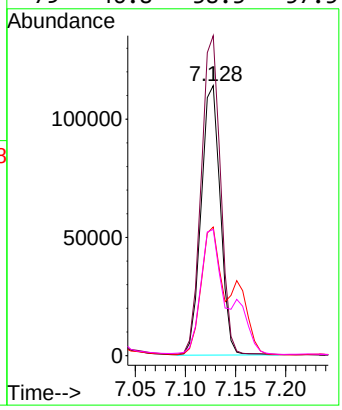




#17
2-Methylphenol
Concen: 20.616 ng
RT: 7.128 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:107 Resp: 151099

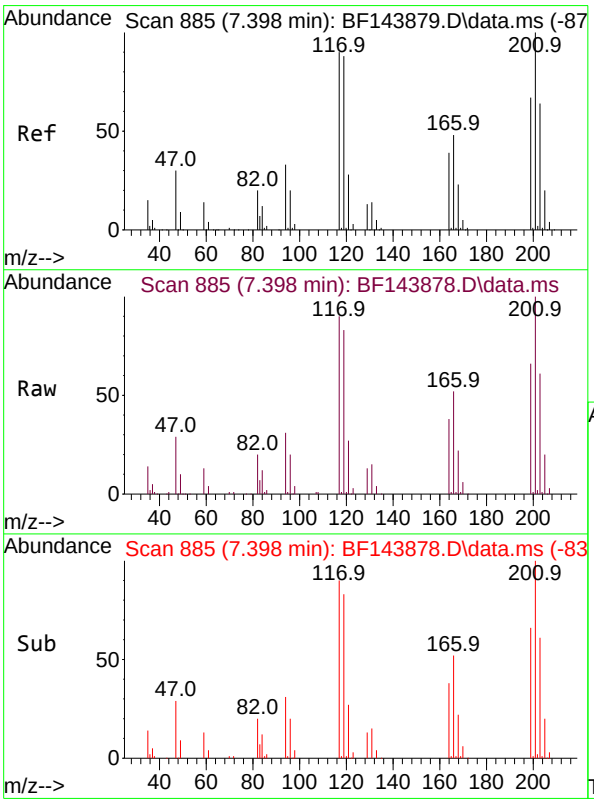
Ion	Ratio	Lower	Upper
107	100		
108	118.5	94.7	142.1
77	47.6	38.8	58.2
79	46.8	38.3	57.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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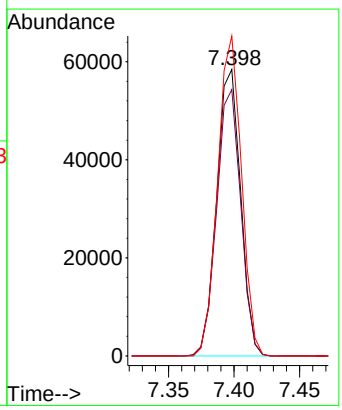
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

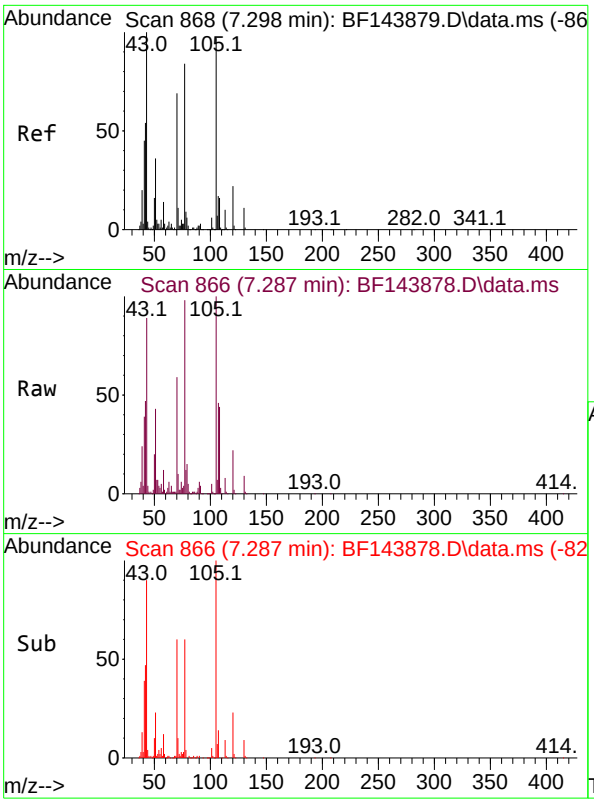


#18
Hexachloroethane
Concen: 21.232 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

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

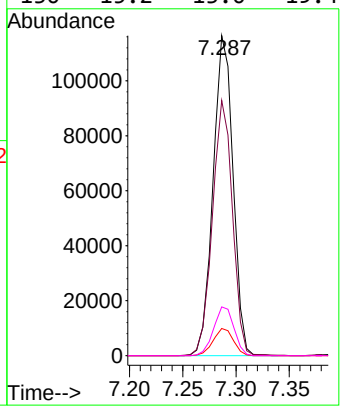




#19
n-Nitroso-di-n-propylamine
Concen: 20.512 ng
RT: 7.287 min Scan# 8
Delta R.T. -0.029 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion: 70 Resp: 15183

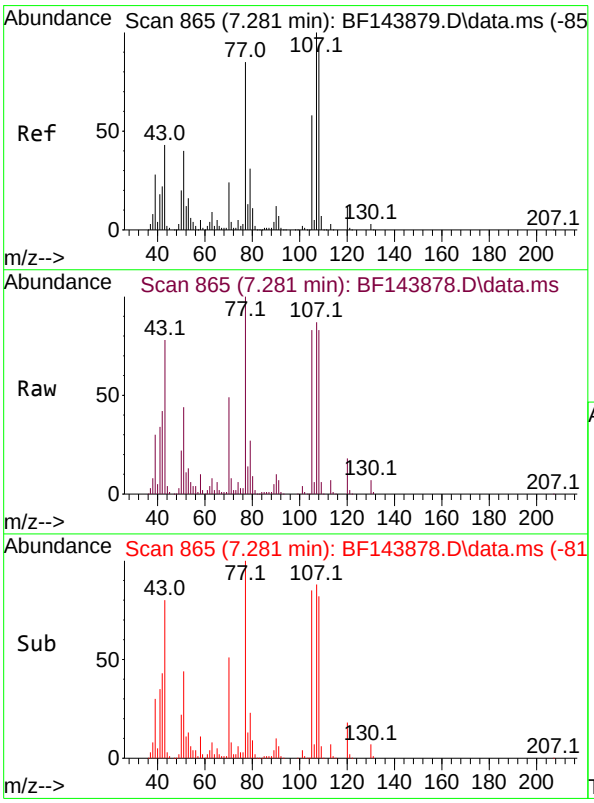
Ion	Ratio	Lower	Upper
70	100		
42	79.7	62.8	94.2
101	8.5	6.7	10.1
130	15.2	13.0	19.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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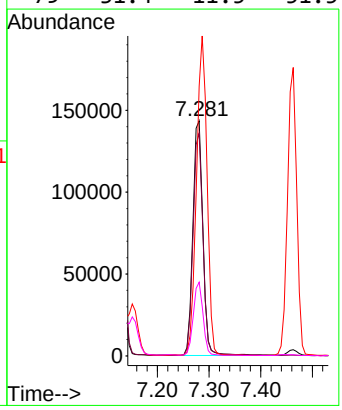
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

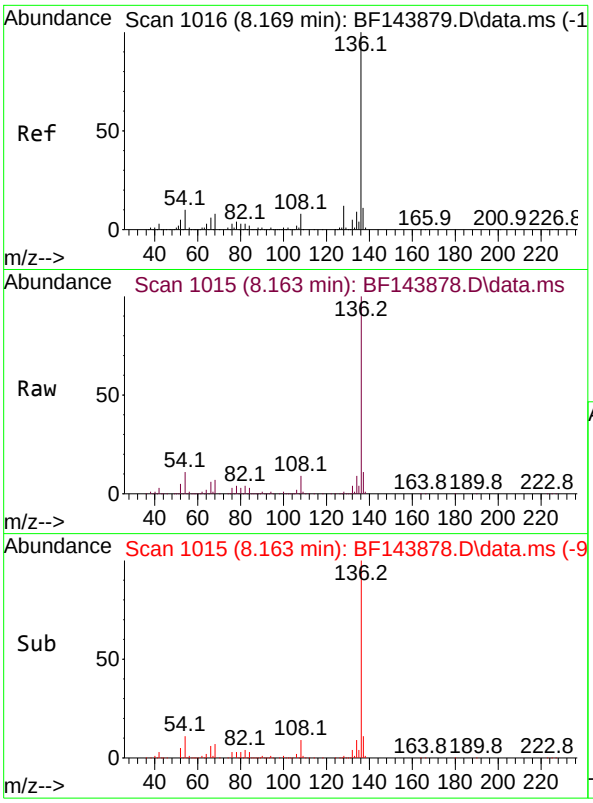


#20
3+4-Methylphenols
Concen: 22.753 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.018 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

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

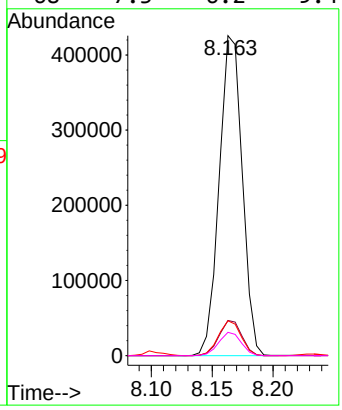




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:136 Resp: 56177

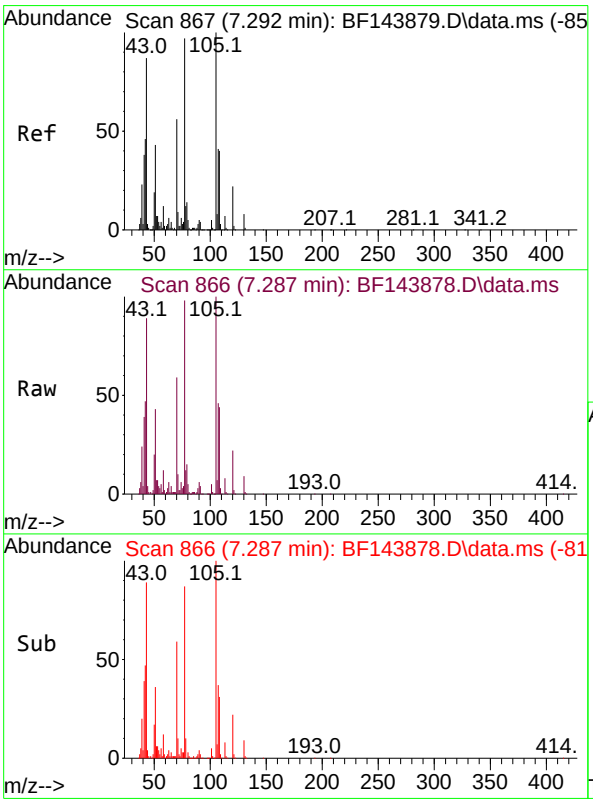
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	10.9	8.2	12.4
68	7.3	6.2	9.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

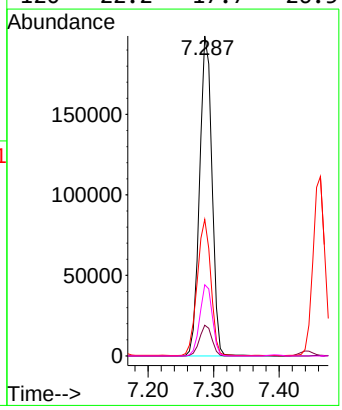
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

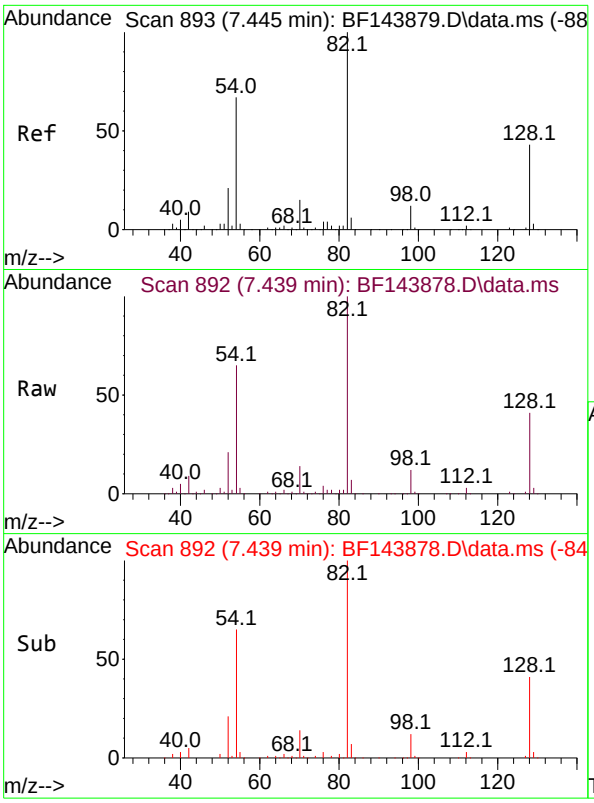


#22
Acetophenone
Concen: 21.837 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.018 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

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

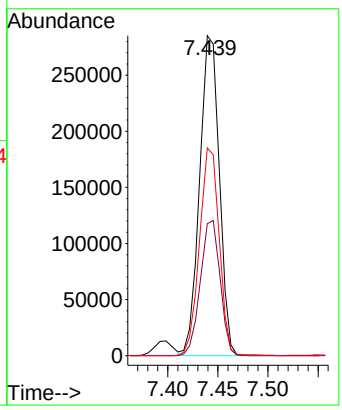




#23
Nitrobenzene-d5
Concen: 42.133 ng
RT: 7.439 min Scan# 89
Delta R.T. -0.018 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion: 82 Resp: 389584

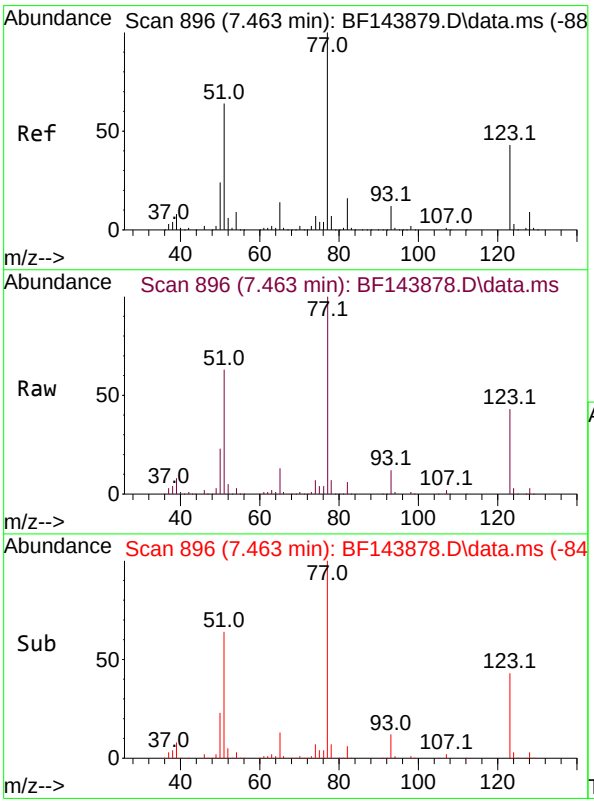
Ion	Ratio	Lower	Upper
82	100		
128	41.2	34.0	51.0
54	64.9	53.2	79.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

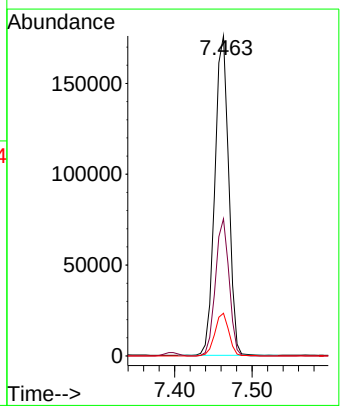
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

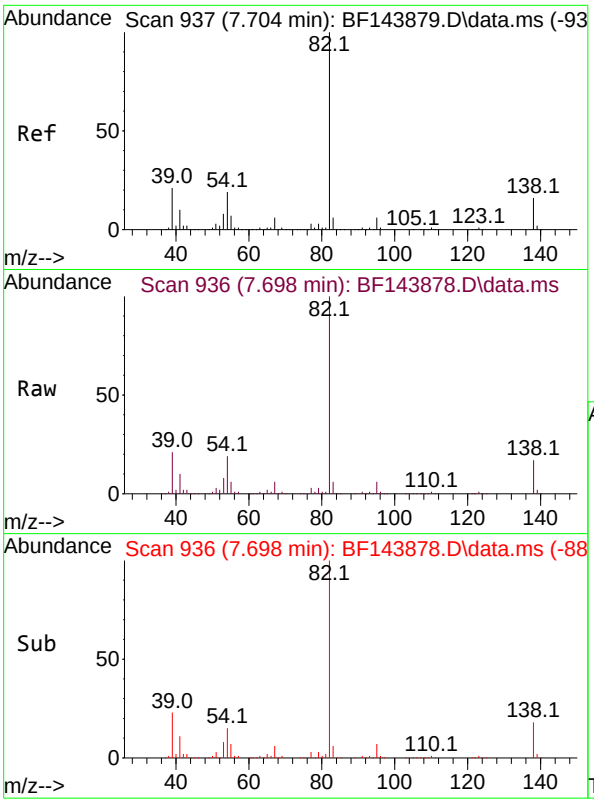


#24
Nitrobenzene
Concen: 21.279 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

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

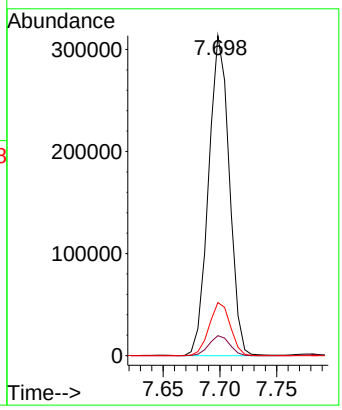
Tgt Ion: 82 Resp: 39760

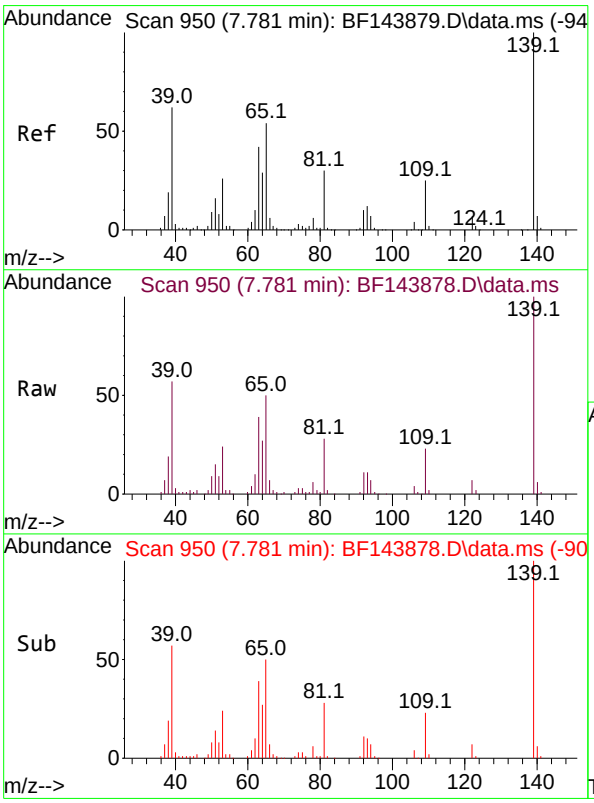
Ion	Ratio	Lower	Upper
82	100		
95	6.2	5.1	7.7
138	16.6	12.9	19.3

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

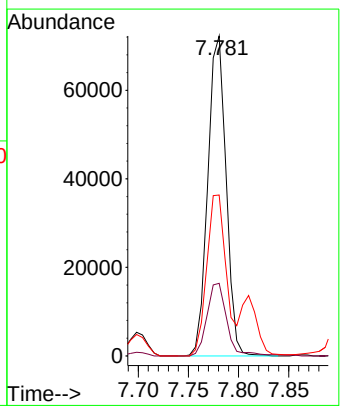


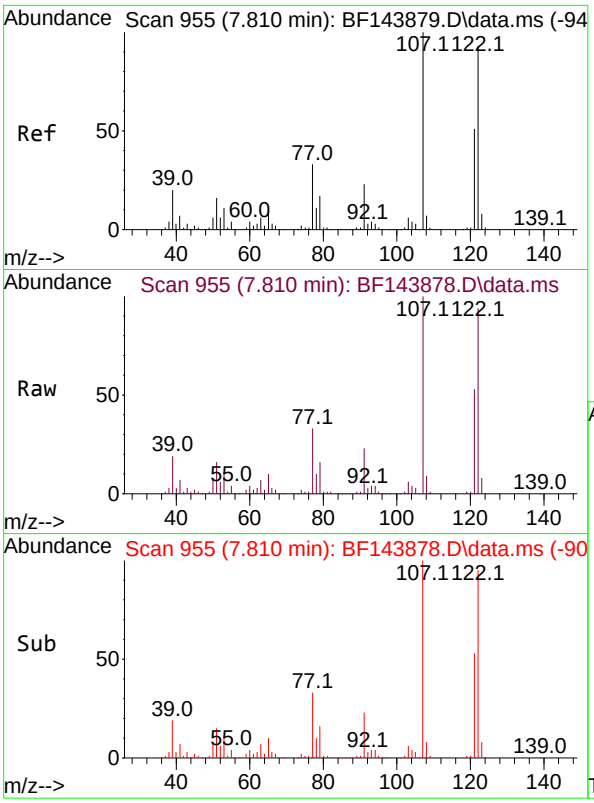


#26
2-Nitrophenol
Concen: 20.747 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

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

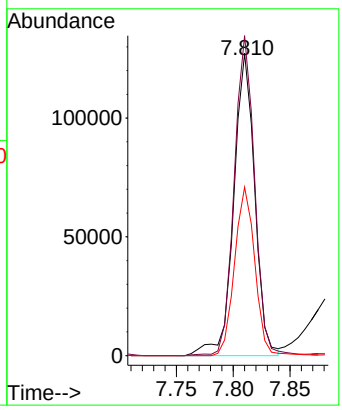




#27
2,4-Dimethylphenol
Concen: 20.682 ng
RT: 7.810 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:122 Resp: 16378

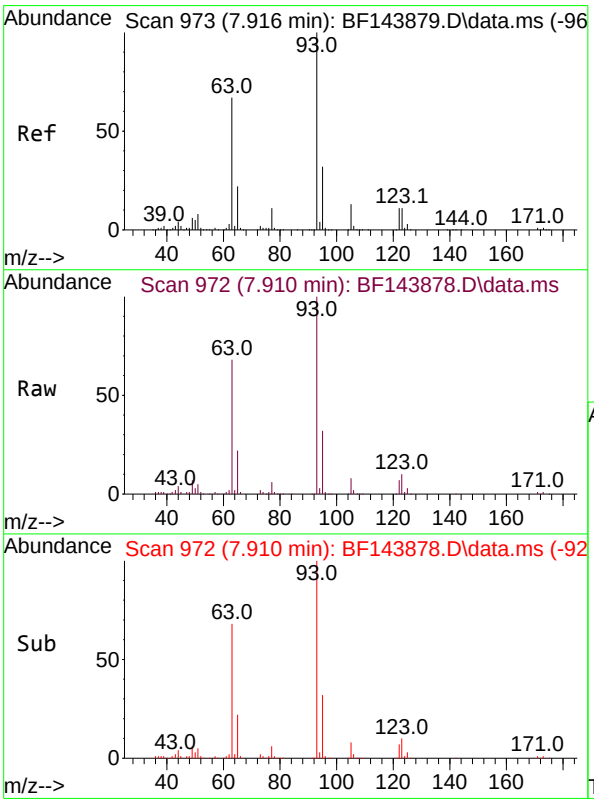
Ion	Ratio	Lower	Upper
122	100		
107	105.9	86.1	129.1
121	55.8	43.8	65.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

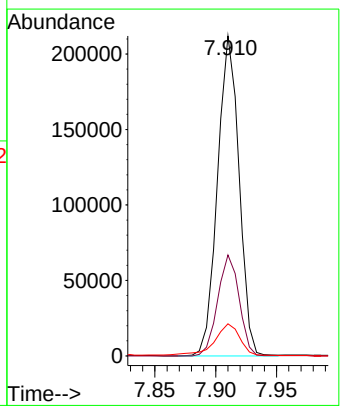
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

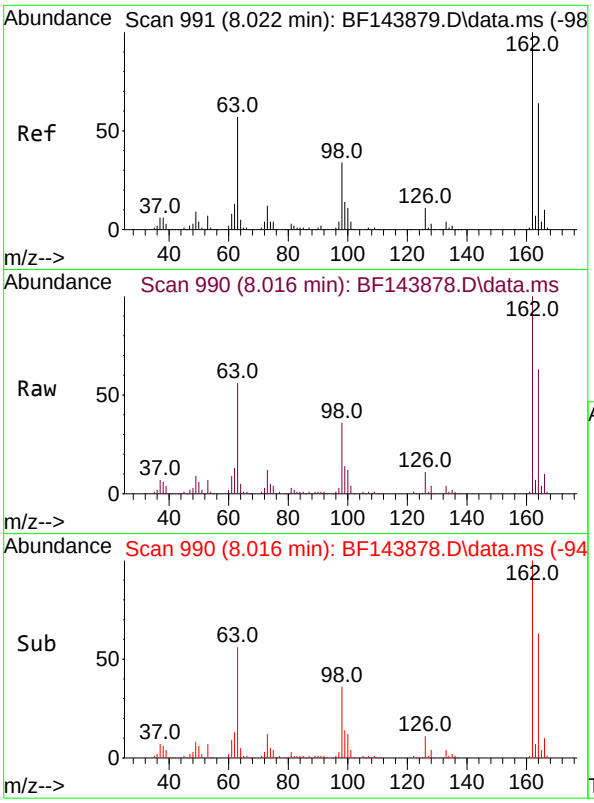


#28
bis(2-Chloroethoxy)methane
Concen: 21.131 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

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

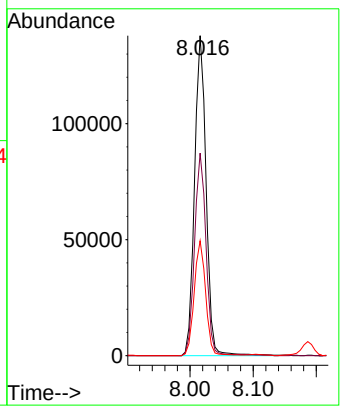




#29
2,4-Dichlorophenol
Concen: 21.328 ng
RT: 8.016 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:162 Resp: 17593

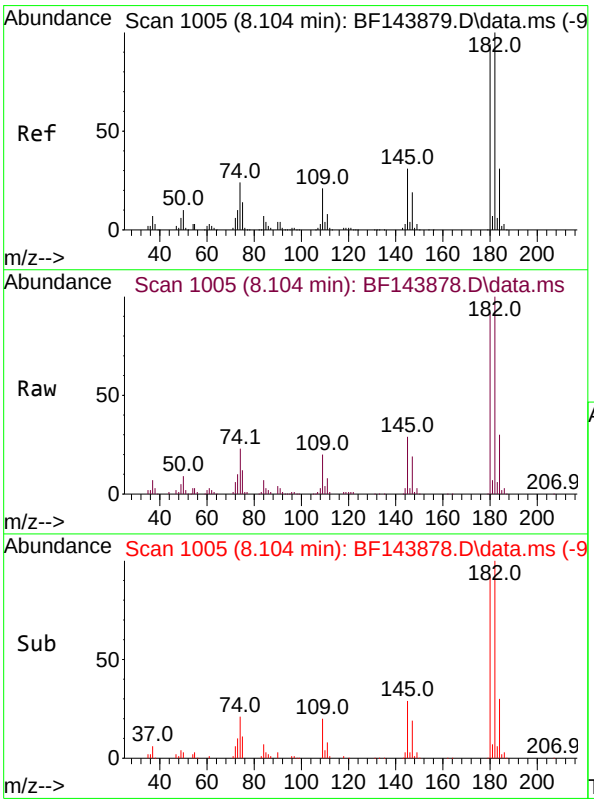
Ion	Ratio	Lower	Upper
162	100		
164	63.3	43.9	83.9
98	35.9	14.4	54.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

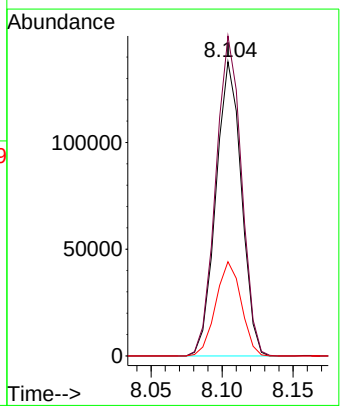
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

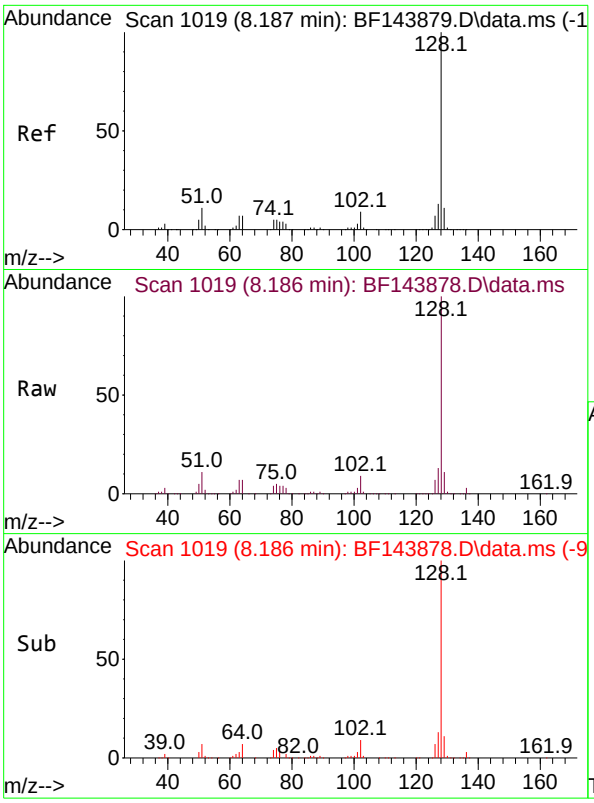


#30
1,2,4-Trichlorobenzene
Concen: 21.234 ng
RT: 8.104 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

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

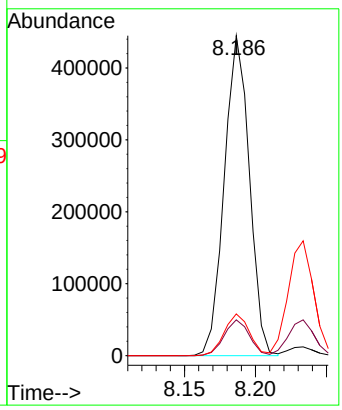




#31
Naphthalene
Concen: 21.365 ng
RT: 8.186 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:128 Resp: 545971

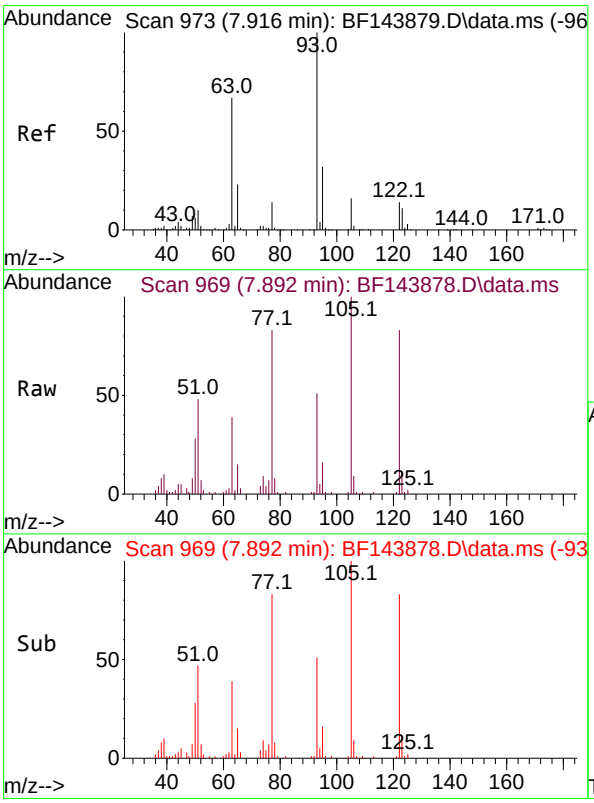
Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	13.1	10.0	15.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

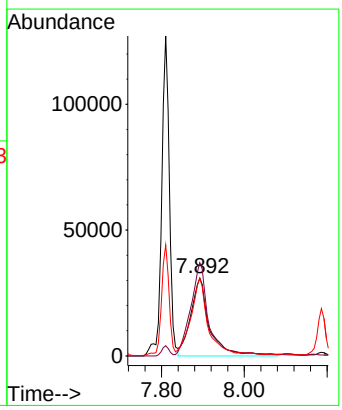
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

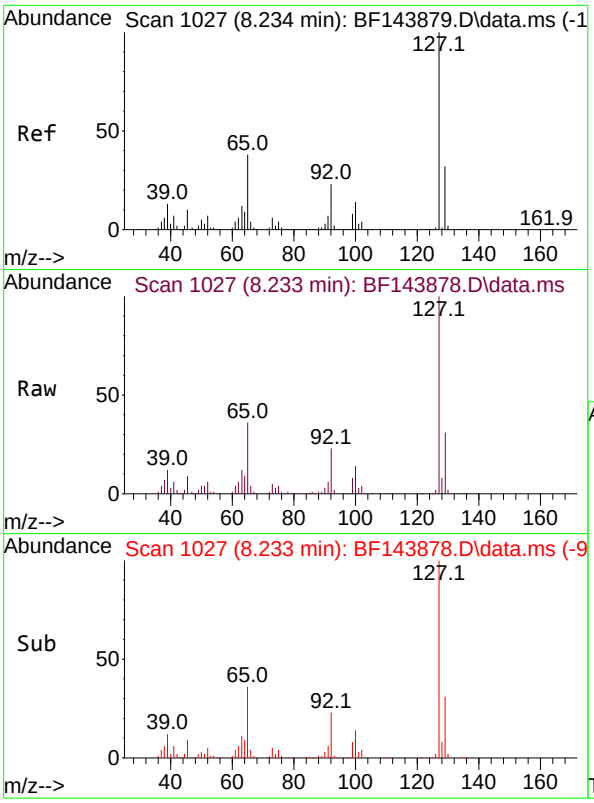


#32
Benzoic acid
Concen: 17.912 ng m
RT: 7.892 min Scan# 969
Delta R.T. -0.071 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:122 Resp: 98172

Ion	Ratio	Lower	Upper
122	100		
105	120.1	93.5	133.5
77	100.0	76.3	116.3

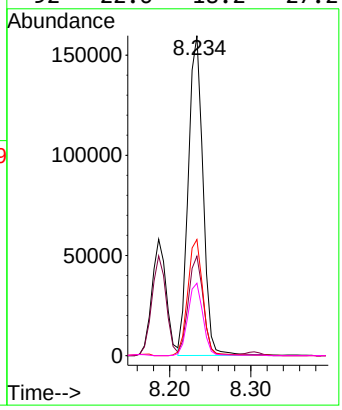




#33
4-Chloroaniline
Concen: 20.924 ng
RT: 8.233 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:127 Resp: 20054

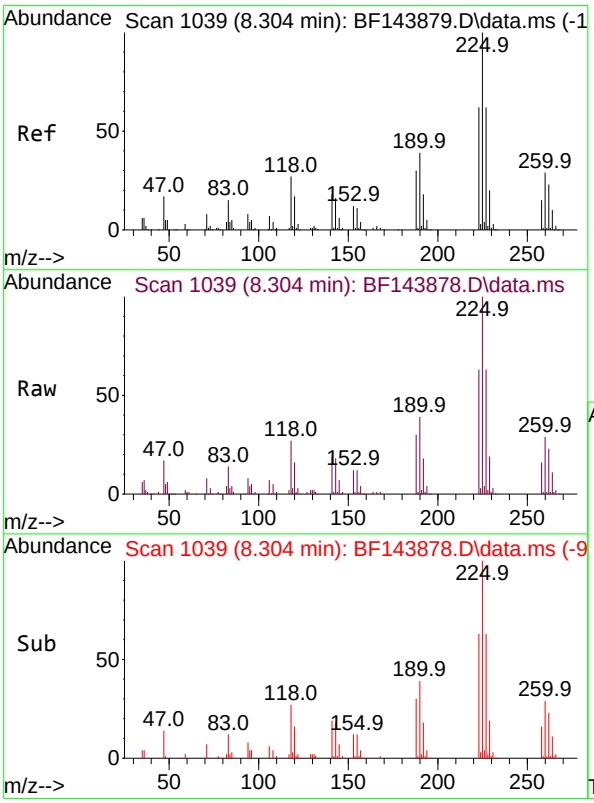
Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.8	38.8
65	36.3	30.0	45.0
92	22.6	18.2	27.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

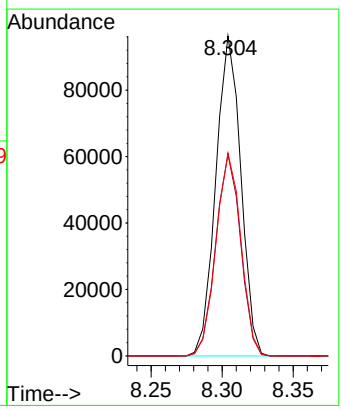
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

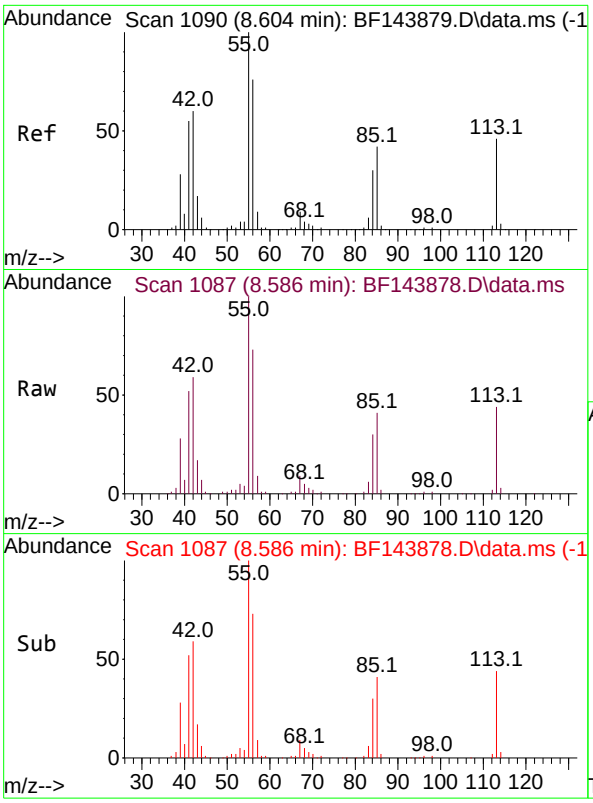


#34
Hexachlorobutadiene
Concen: 20.941 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

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

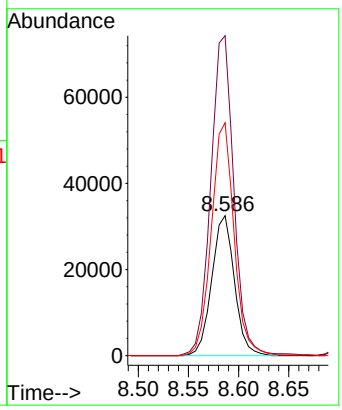




#35
Caprolactam
Concen: 19.505 ng
RT: 8.586 min Scan# 1
Delta R.T. -0.059 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:113 Resp: 5115

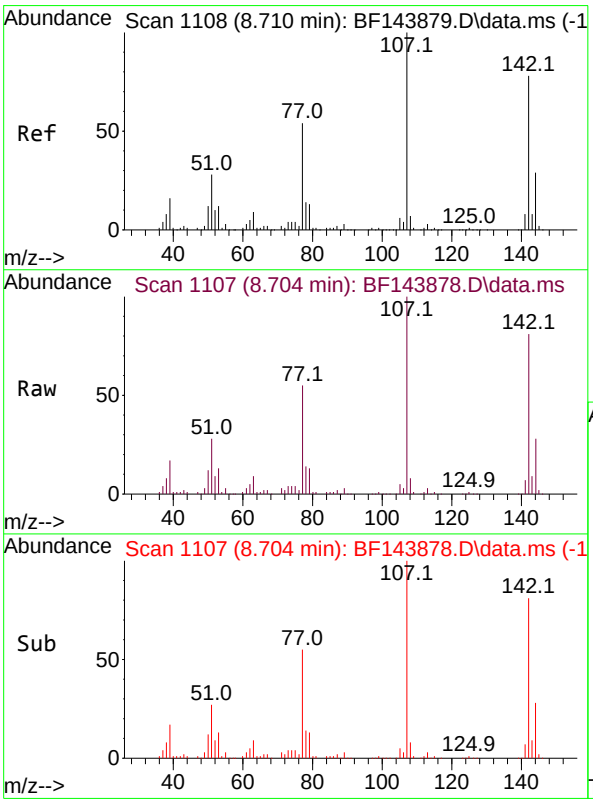
Ion	Ratio	Lower	Upper
113	100		
55	228.6	199.6	239.6
56	166.4	146.0	186.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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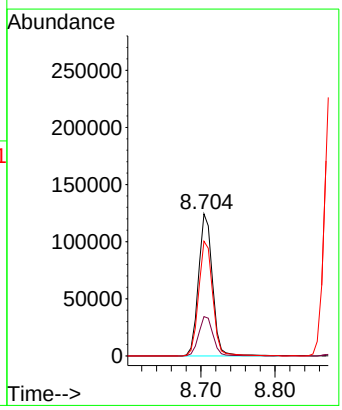
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

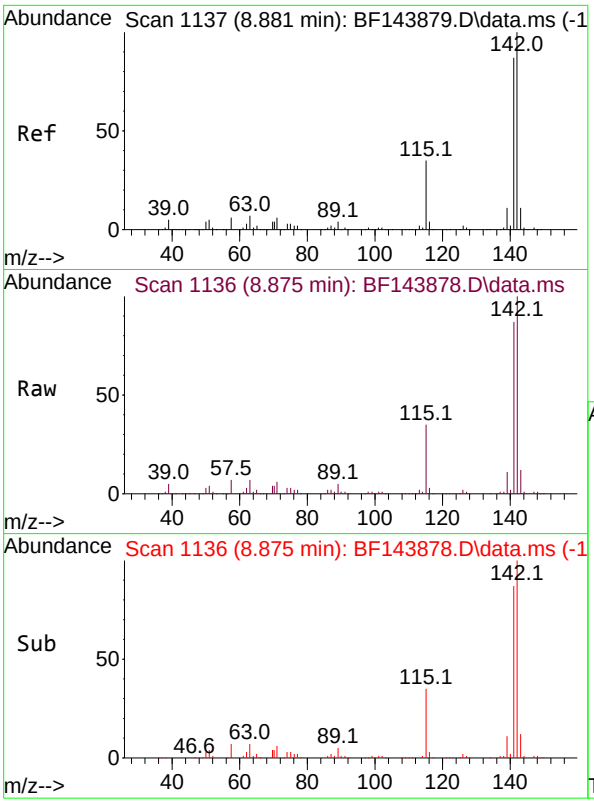


#36
4-Chloro-3-methylphenol
Concen: 20.524 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.018 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

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

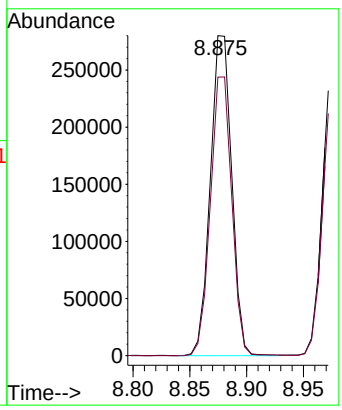




#37
2-Methylnaphthalene
Concen: 21.583 ng
RT: 8.875 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:142 Resp: 36740

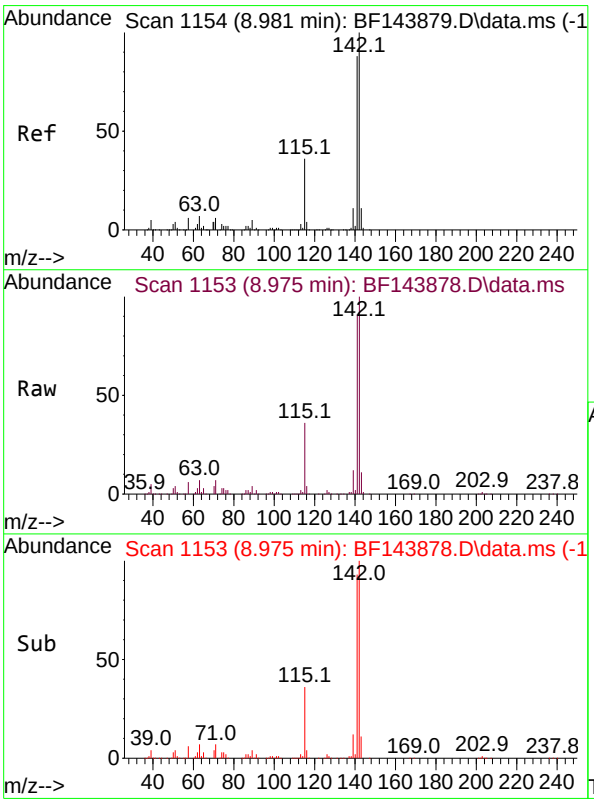
Ion	Ratio	Lower	Upper
142	100		
141	87.0	69.2	103.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

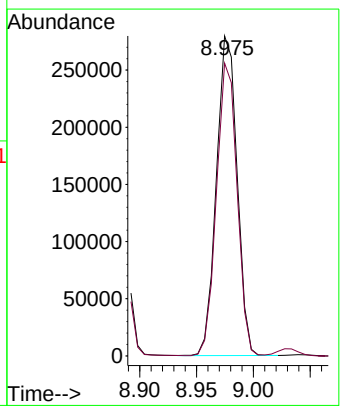
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

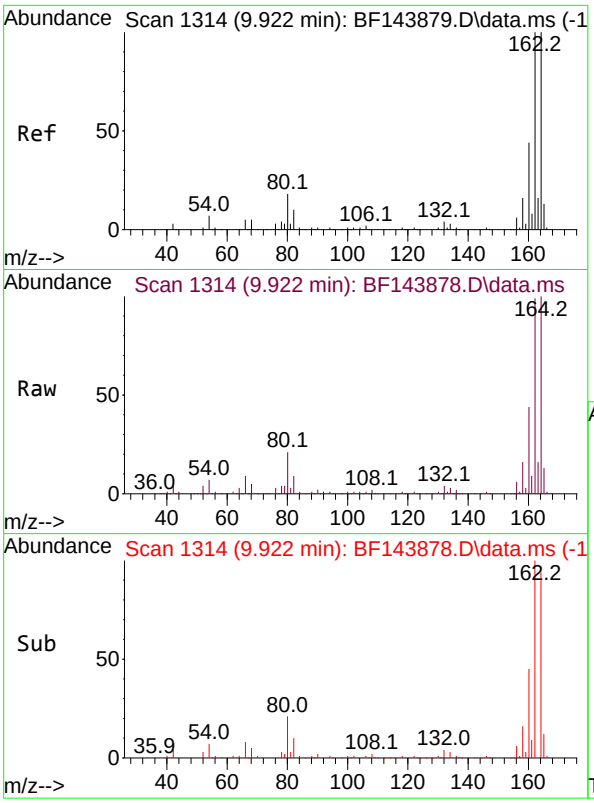


#38
1-Methylnaphthalene
Concen: 21.407 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.011 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:142 Resp: 353459

Ion	Ratio	Lower	Upper
142	100		
141	91.5	70.8	106.2

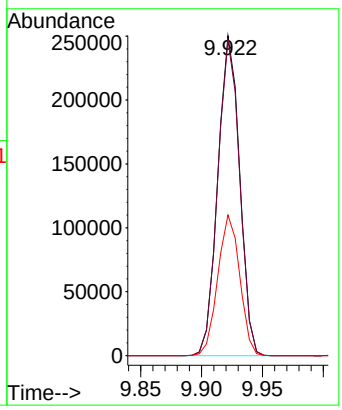




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1
Delta R.T. -0.005 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:164 Resp: 31129

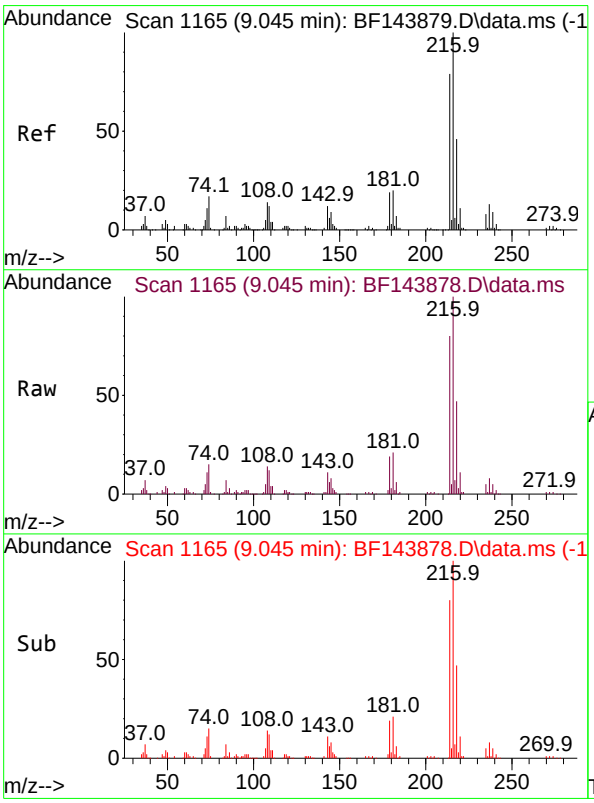
Ion	Ratio	Lower	Upper
164	100		
162	98.6	80.2	120.2
160	43.9	35.4	53.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

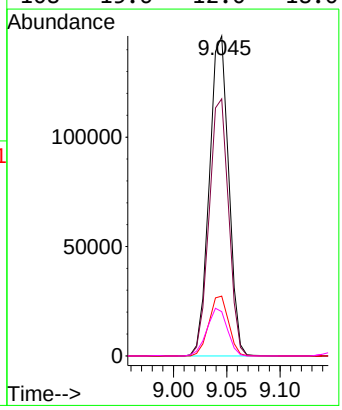
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

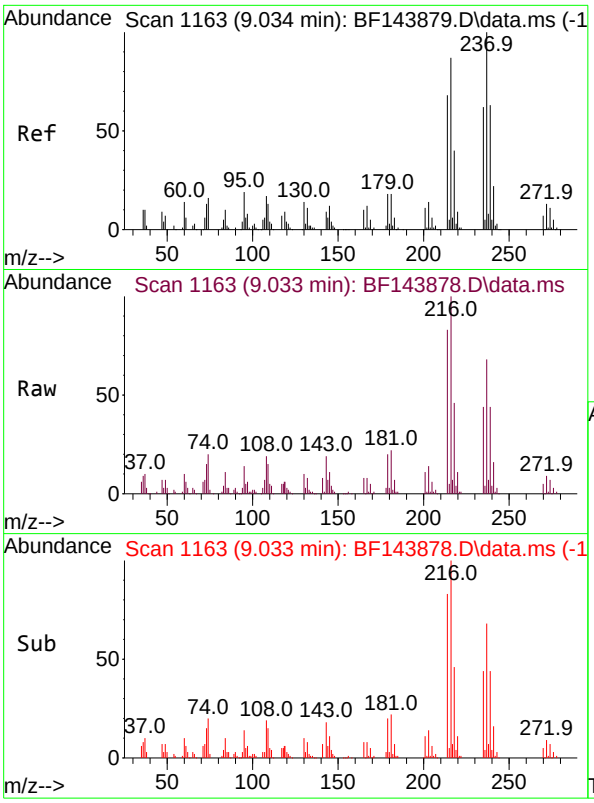


#40
1,2,4,5-Tetrachlorobenzene
Concen: 21.523 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

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

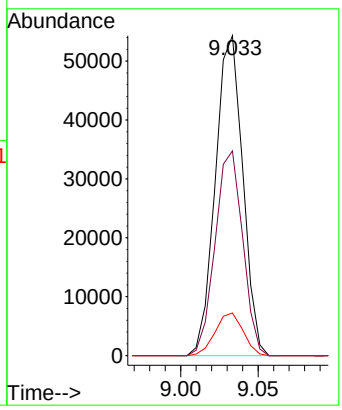
Tgt Ion:237 Resp: 6712

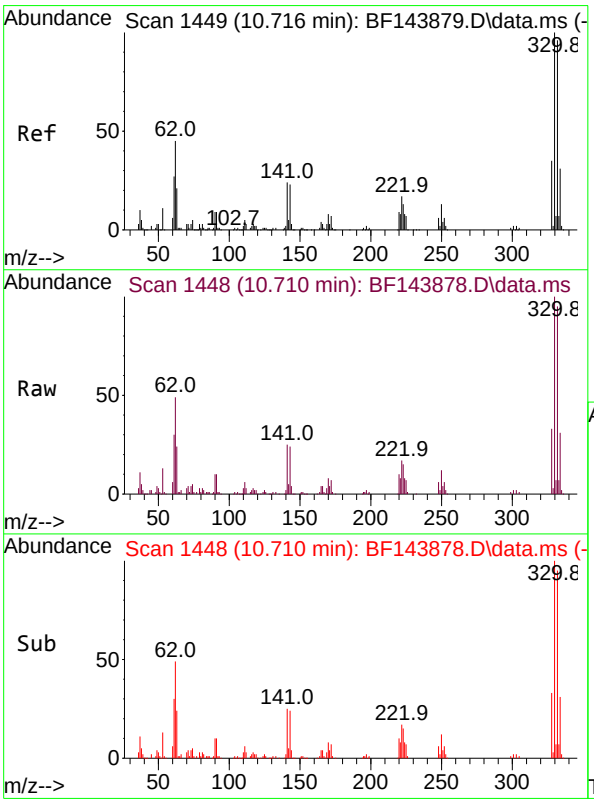
Ion	Ratio	Lower	Upper
237	100		
235	64.0	42.3	82.3
272	13.4	0.0	33.1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

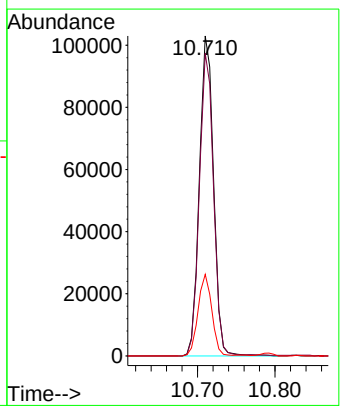


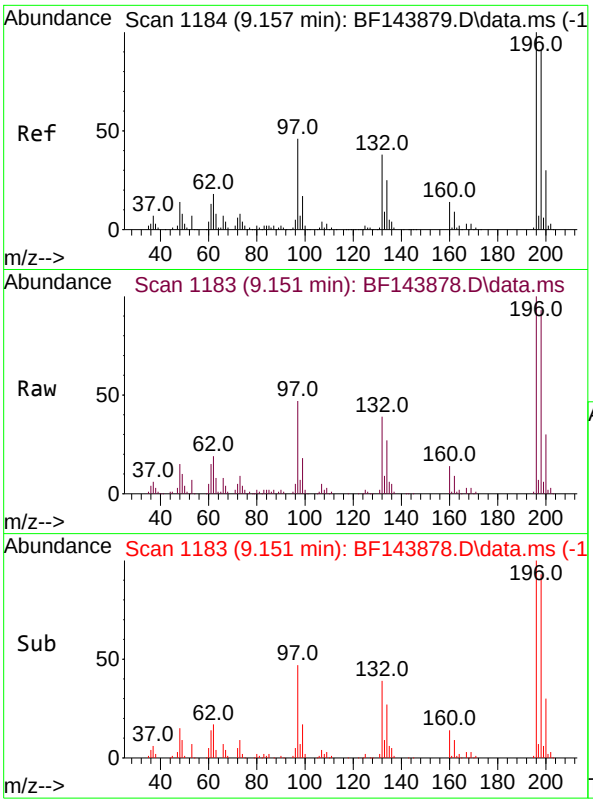


#42
2,4,6-Tribromophenol
Concen: 42.114 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

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

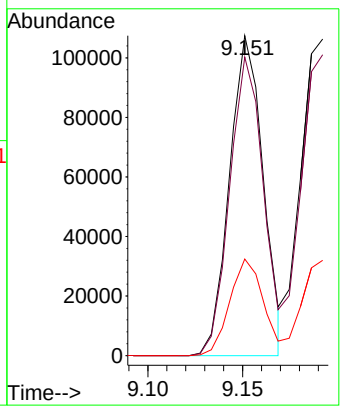




#43
2,4,6-Trichlorophenol
Concen: 21.116 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:196 Resp: 13274

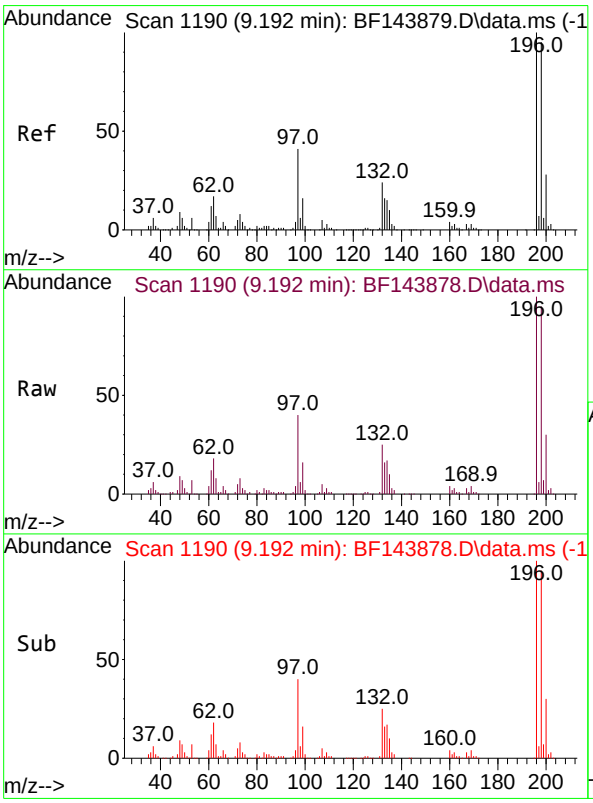
Ion	Ratio	Lower	Upper
196	100		
198	93.3	72.8	109.2
200	30.2	24.0	36.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

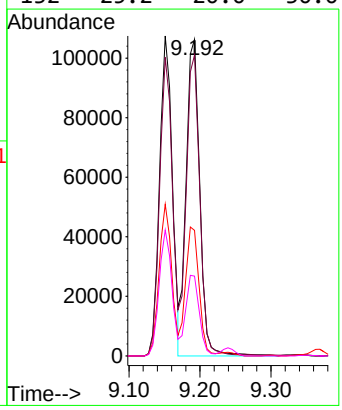
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

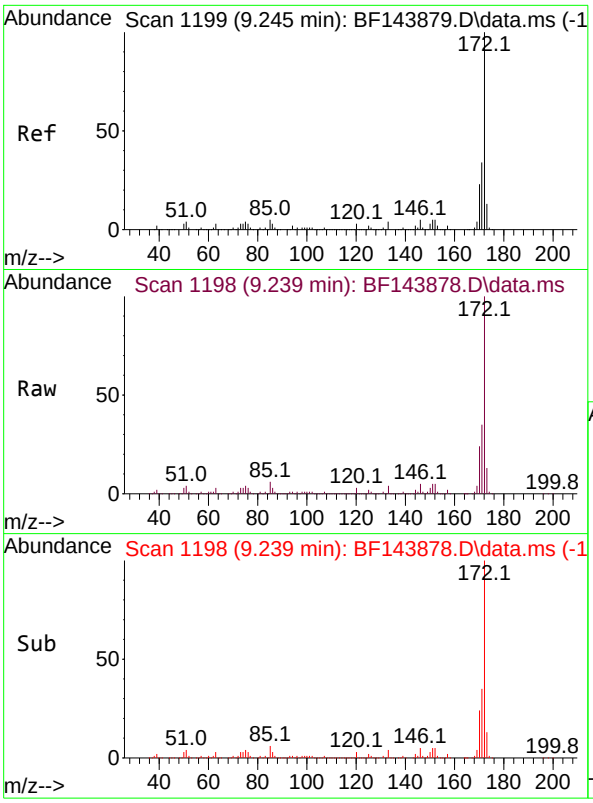


#44
2,4,5-Trichlorophenol
Concen: 21.532 ng
RT: 9.192 min Scan# 1190
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

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

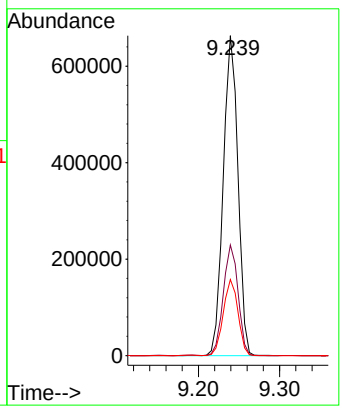




#45
2-Fluorobiphenyl
Concen: 42.367 ng
RT: 9.239 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:172 Resp: 83118

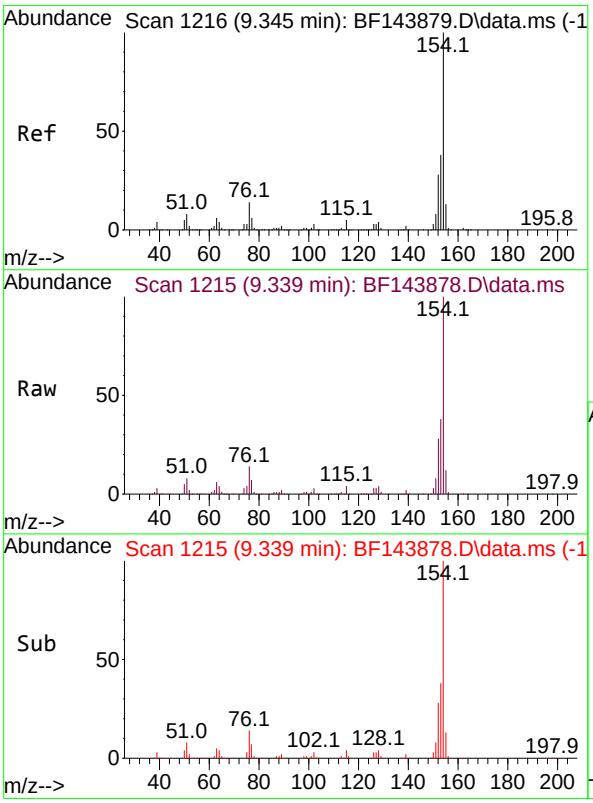
Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.4	41.0
170	23.8	18.6	28.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

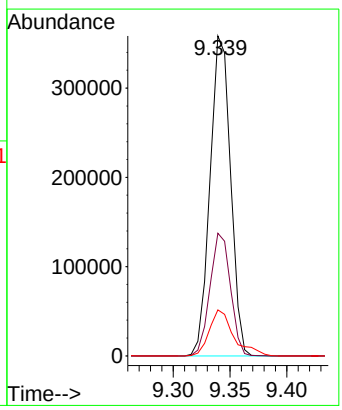
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

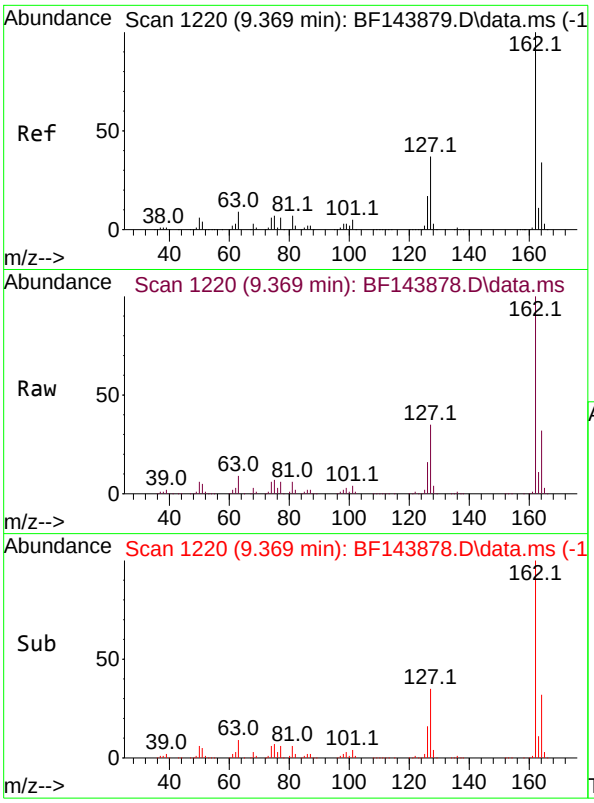


#46
1,1'-Biphenyl
Concen: 21.868 ng
RT: 9.339 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

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

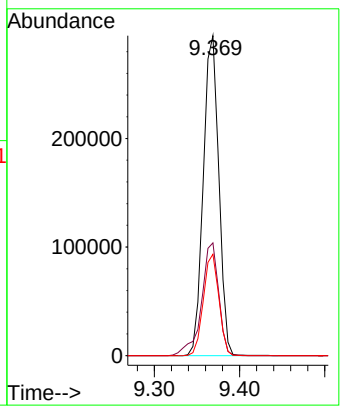




#47
2-Chloronaphthalene
Concen: 21.679 ng
RT: 9.369 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:162 Resp: 37253

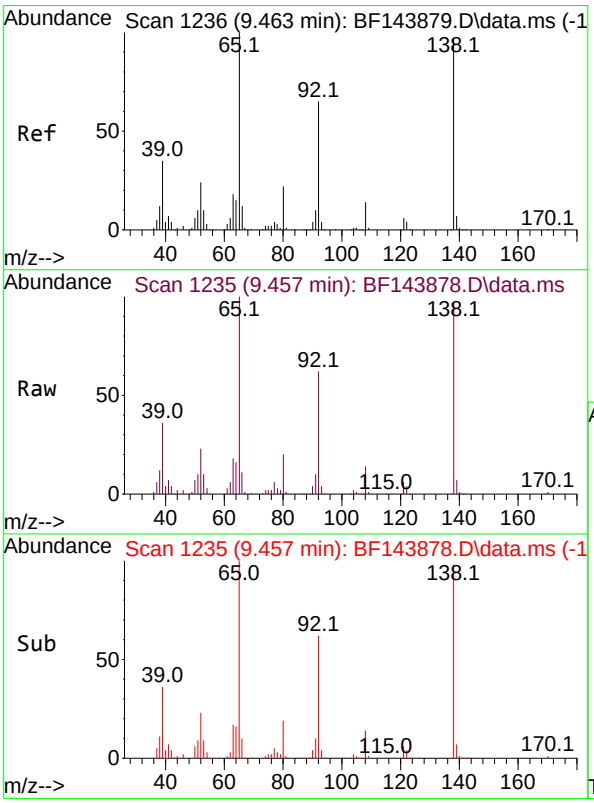
Ion	Ratio	Lower	Upper
162	100		
127	35.2	30.2	45.2
164	31.7	26.9	40.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

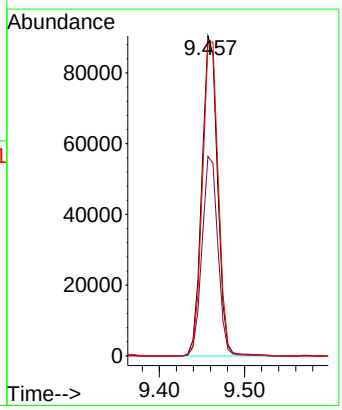
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

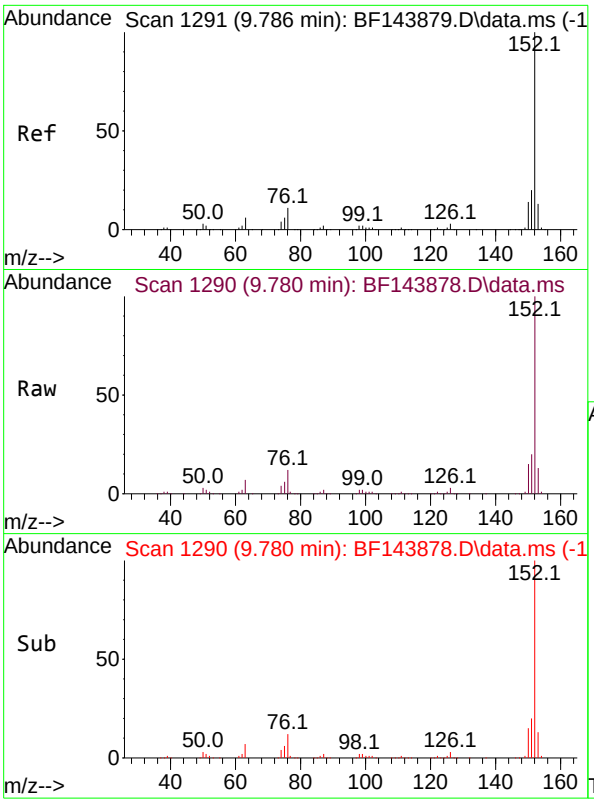


#48
2-Nitroaniline
Concen: 21.263 ng
RT: 9.457 min Scan# 1235
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

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

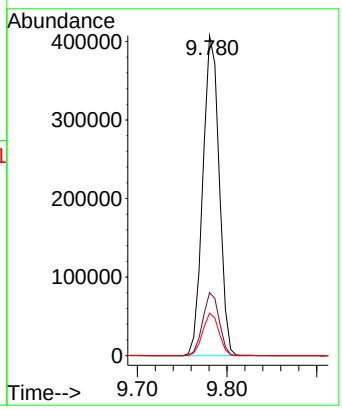




#49
Acenaphthylene
Concen: 21.234 ng
RT: 9.780 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:152 Resp: 51298

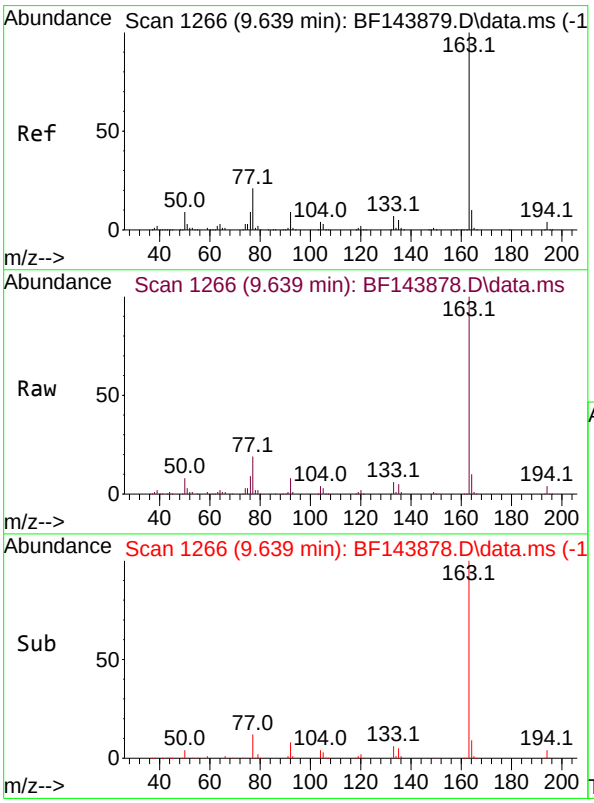
Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	13.3	10.5	15.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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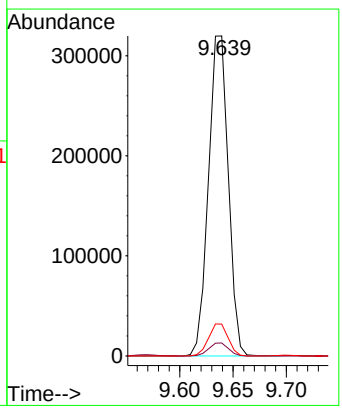
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

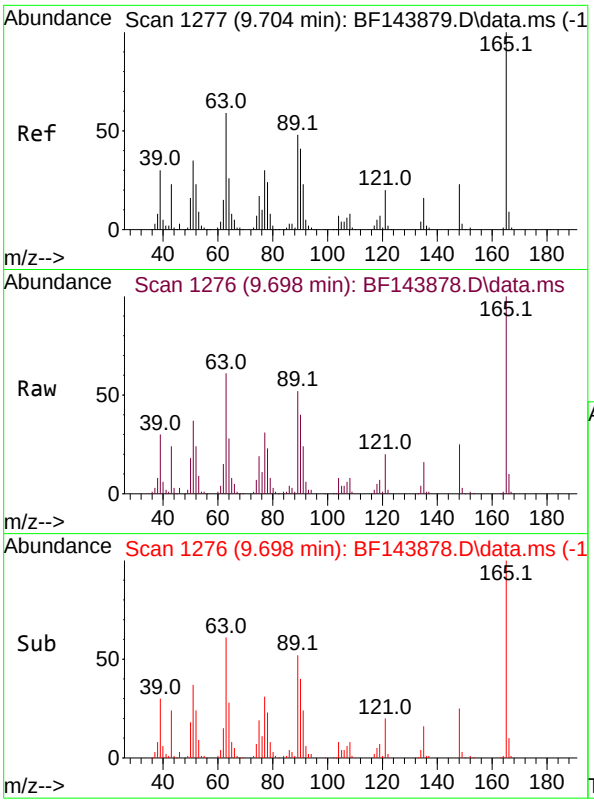


#50
Dimethylphthalate
Concen: 21.011 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

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

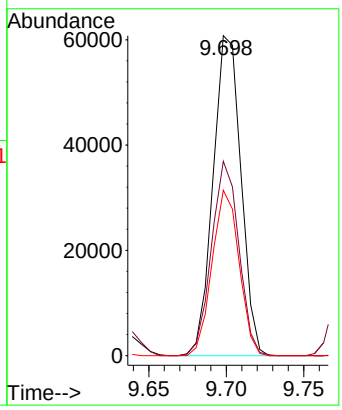
Tgt Ion:165 Resp: 7636

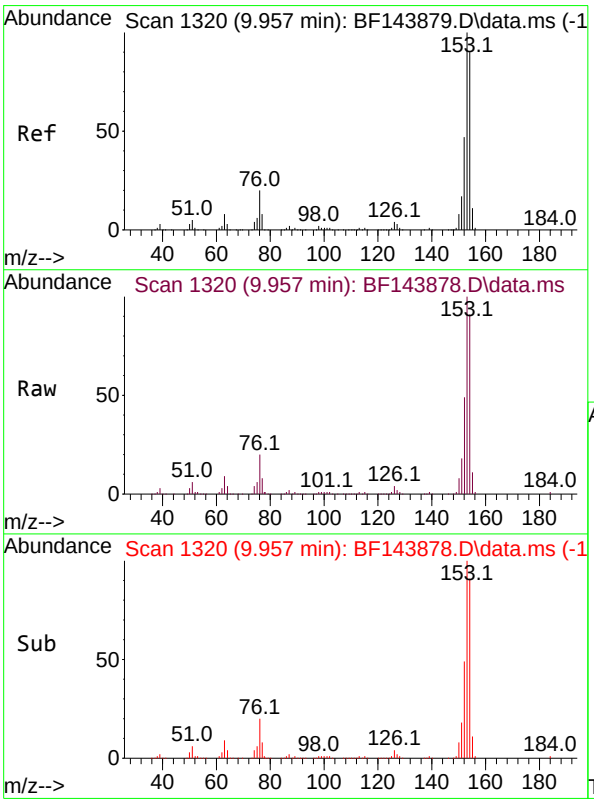
Ion	Ratio	Lower	Upper
165	100		
63	60.7	47.3	70.9
89	51.7	38.2	57.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

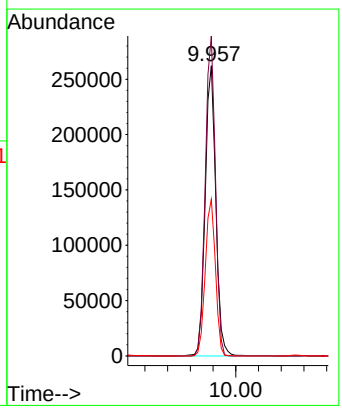


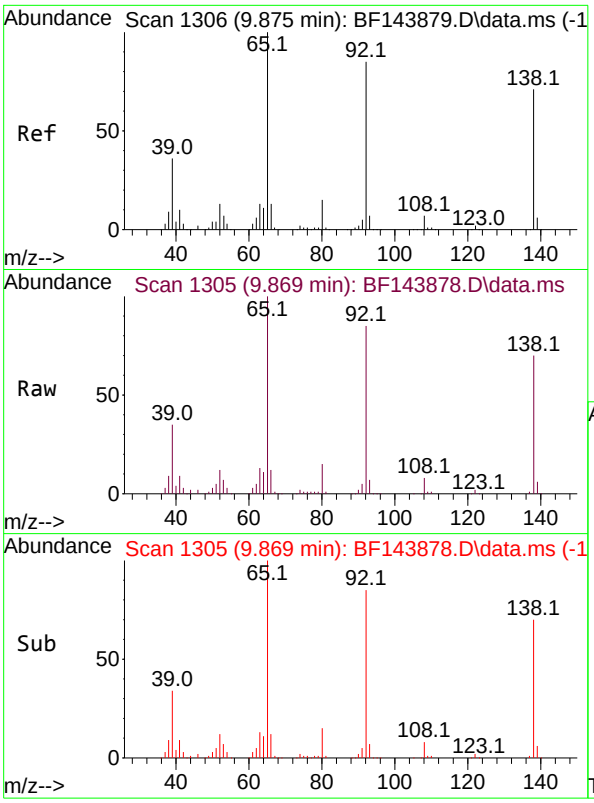


#52
Acenaphthene
Concen: 21.545 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

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

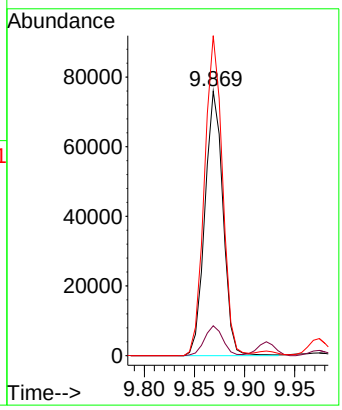




#53
3-Nitroaniline
Concen: 21.194 ng
RT: 9.869 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:138 Resp: 9512

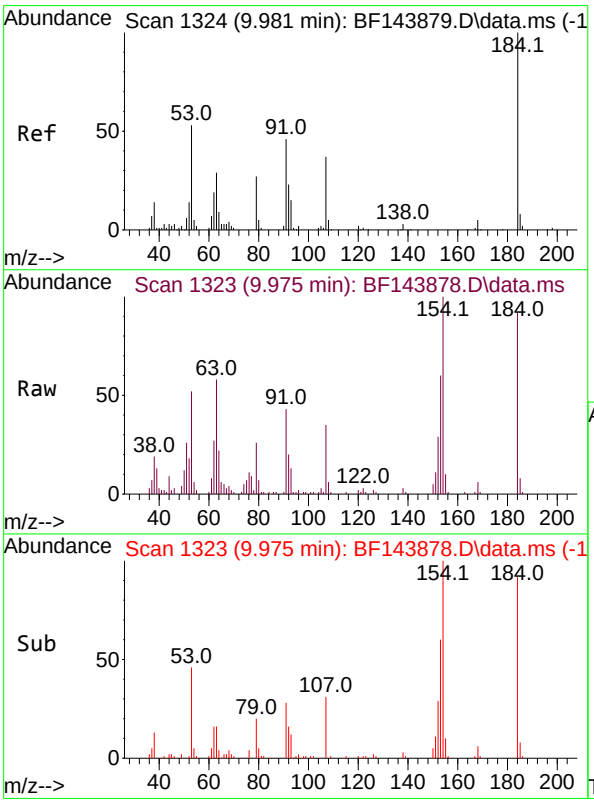
Ion	Ratio	Lower	Upper
138	100		
108	11.3	8.3	12.5
92	121.0	96.2	144.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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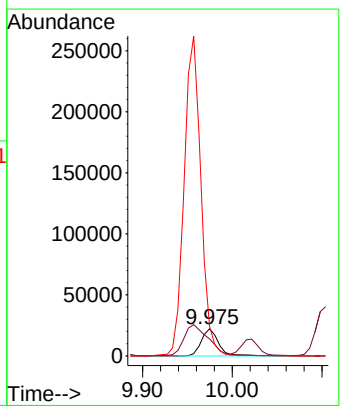
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

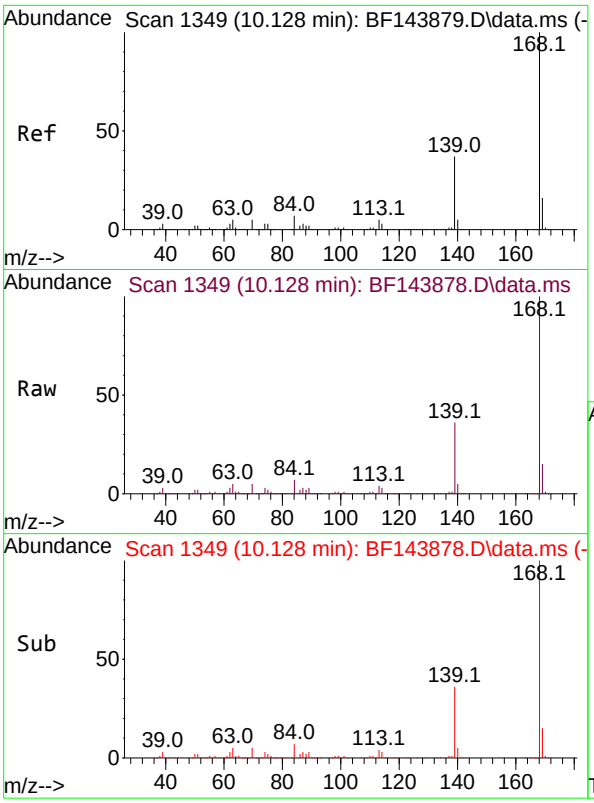


#54
2,4-Dinitrophenol
Concen: 18.734 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.011 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

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#

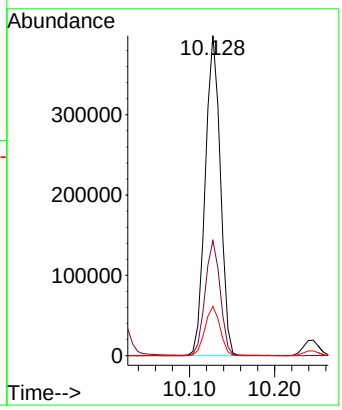




#55
Dibenzofuran
Concen: 21.894 ng
RT: 10.128 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:168 Resp: 48925

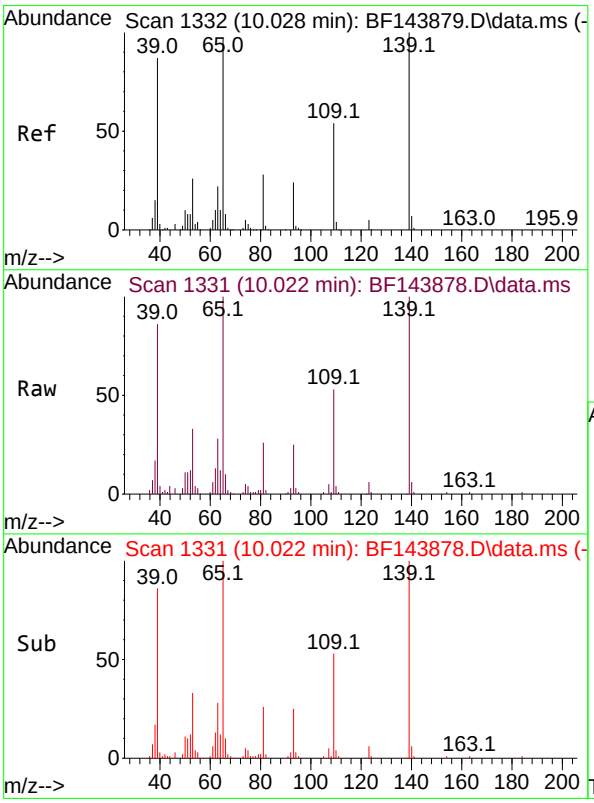
Ion	Ratio	Lower	Upper
168	100		
139	35.9	29.8	44.8
169	15.4	12.8	19.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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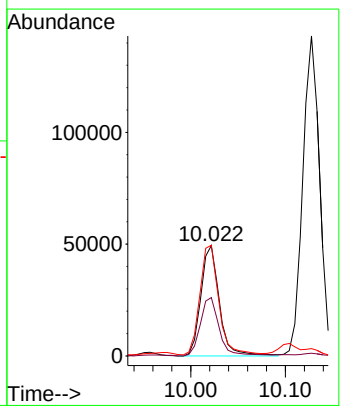
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

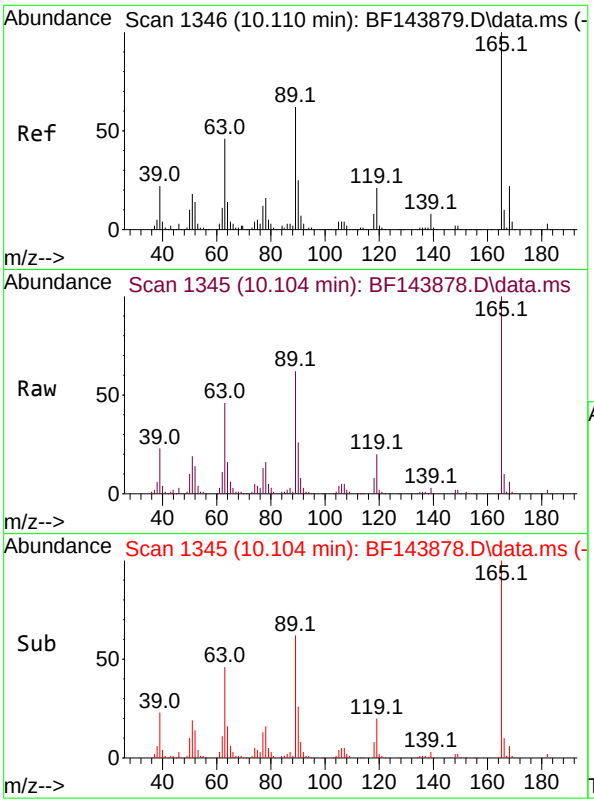


#56
4-Nitrophenol
Concen: 19.694 ng
RT: 10.022 min Scan# 1331
Delta R.T. -0.017 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

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

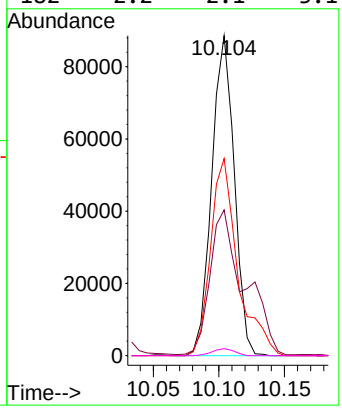




#57
2,4-Dinitrotoluene
Concen: 21.280 ng
RT: 10.104 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:165 Resp: 10613

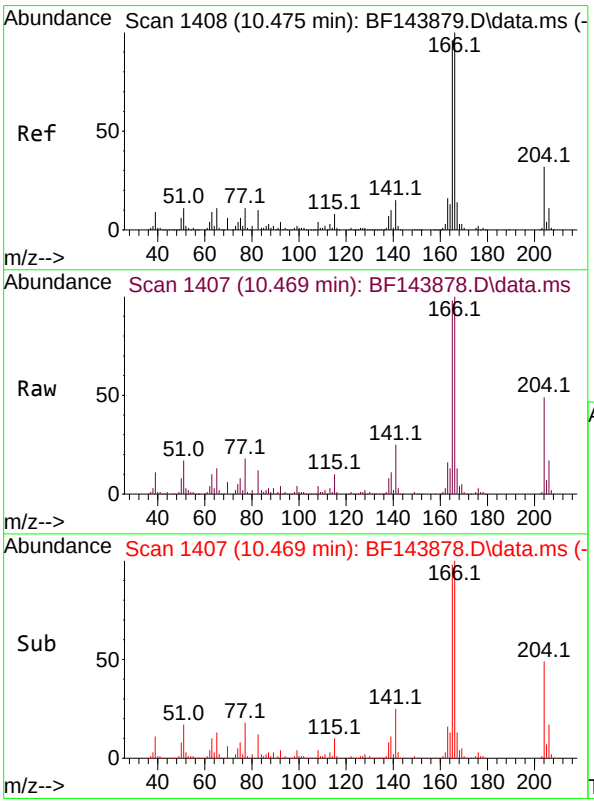
Ion	Ratio	Lower	Upper
165	100		
63	45.5	37.2	55.8
89	61.6	49.4	74.2
182	2.2	2.1	3.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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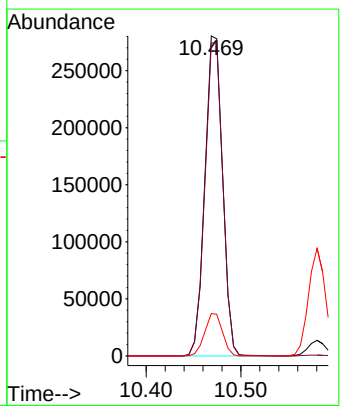
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

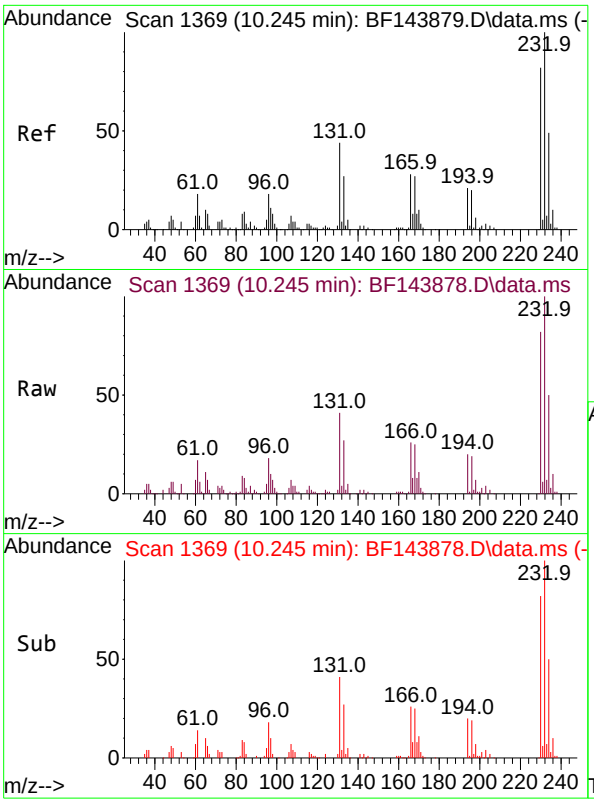


#58
Fluorene
Concen: 21.659 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

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

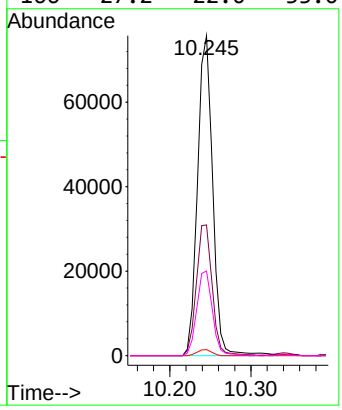




#59
2,3,4,6-Tetrachlorophenol
Concen: 20.869 ng
RT: 10.245 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:232 Resp: 9813

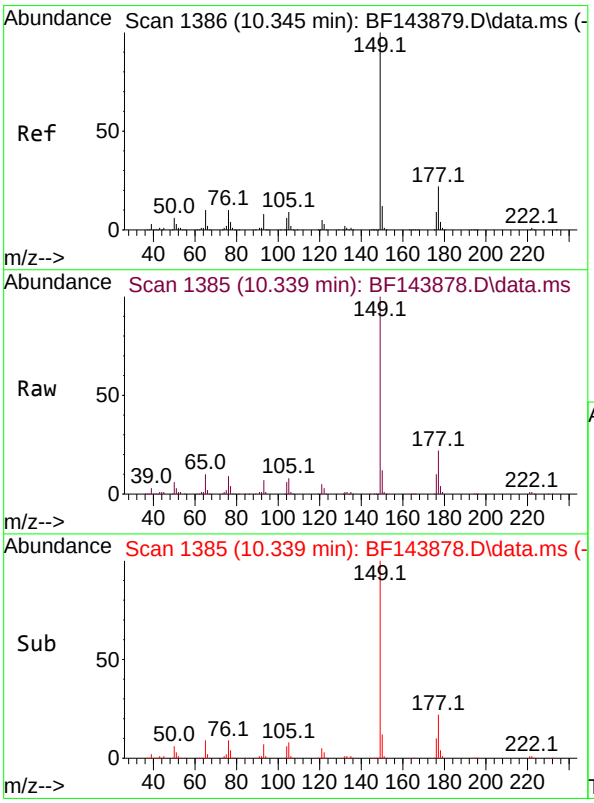
Ion	Ratio	Lower	Upper
232	100		
131	42.6	34.9	52.3
130	1.8	1.6	2.4
166	27.2	22.0	33.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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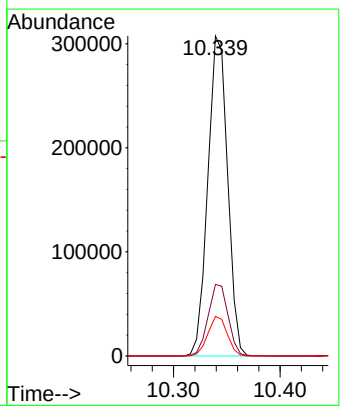
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

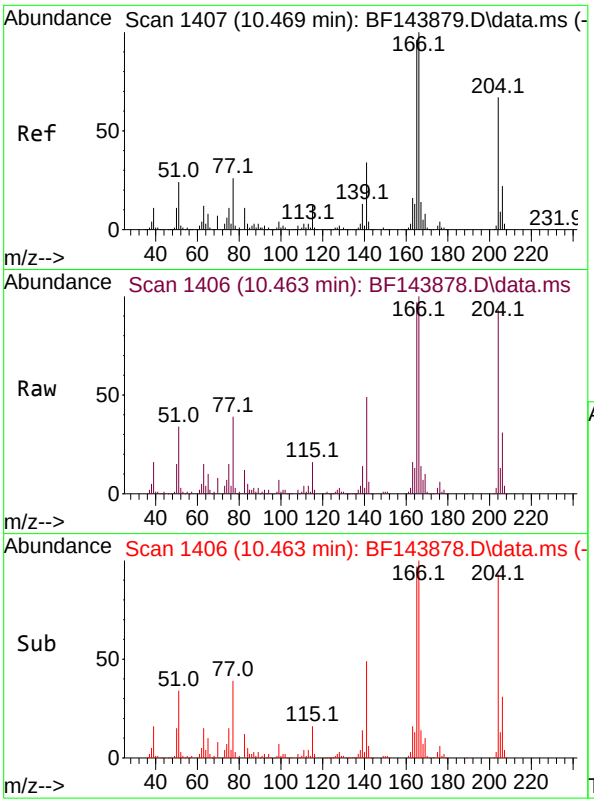


#60
Diethylphthalate
Concen: 21.575 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

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

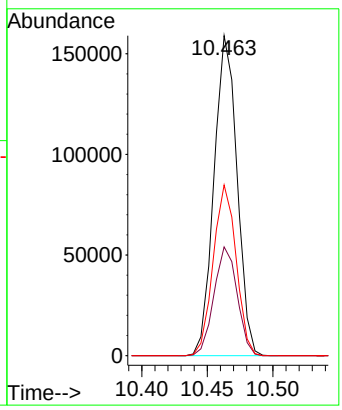




#61
4-Chlorophenyl-phenylether
Concen: 21.860 ng
RT: 10.463 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:204 Resp: 19487

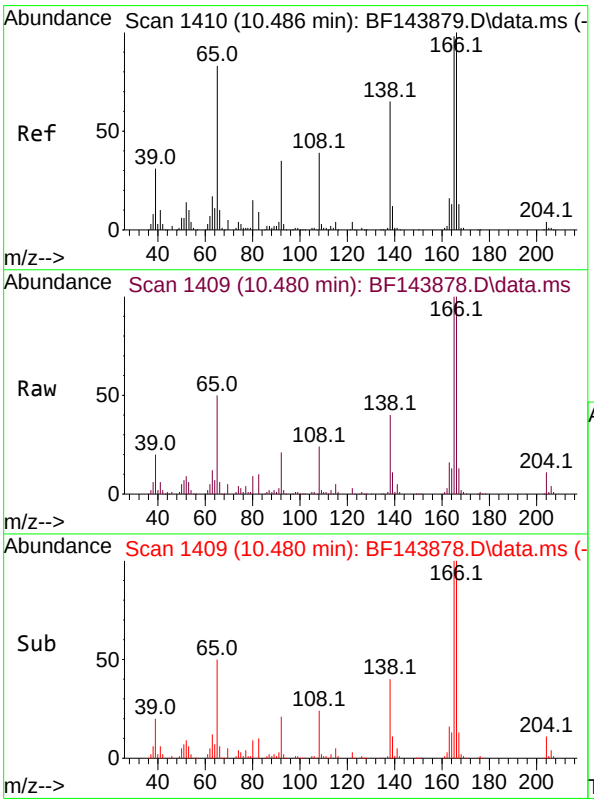
Ion	Ratio	Lower	Upper
204	100		
206	34.0	26.6	40.0
141	53.4	40.4	60.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

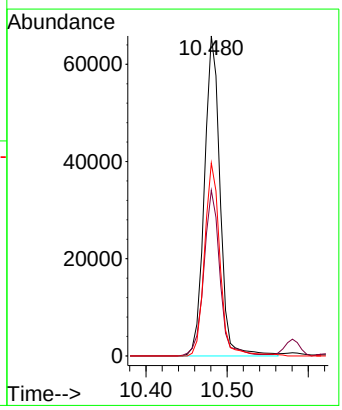
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

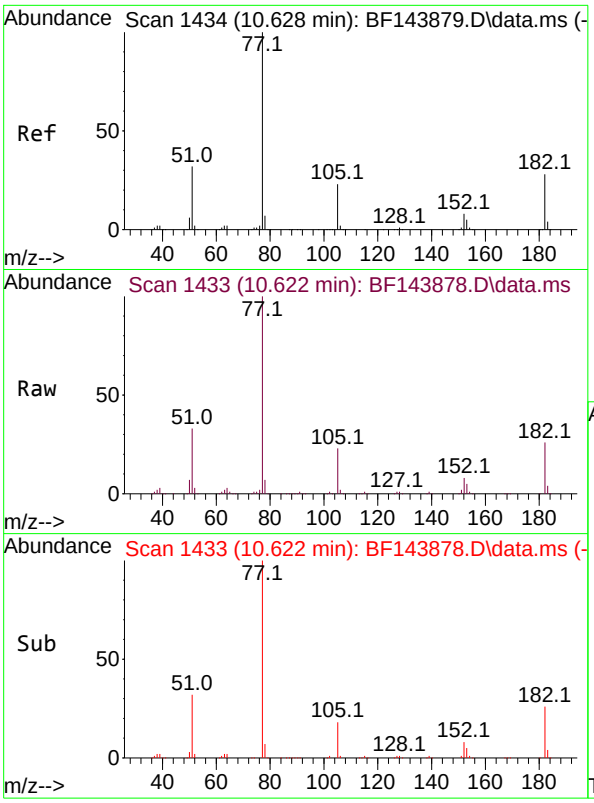


#62
4-Nitroaniline
Concen: 20.526 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.029 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

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

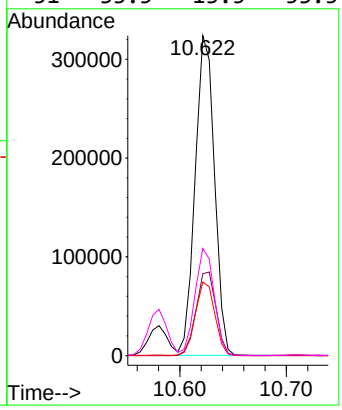




#63
Azobenzene
Concen: 21.218 ng
RT: 10.622 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion: 77 Resp: 40726

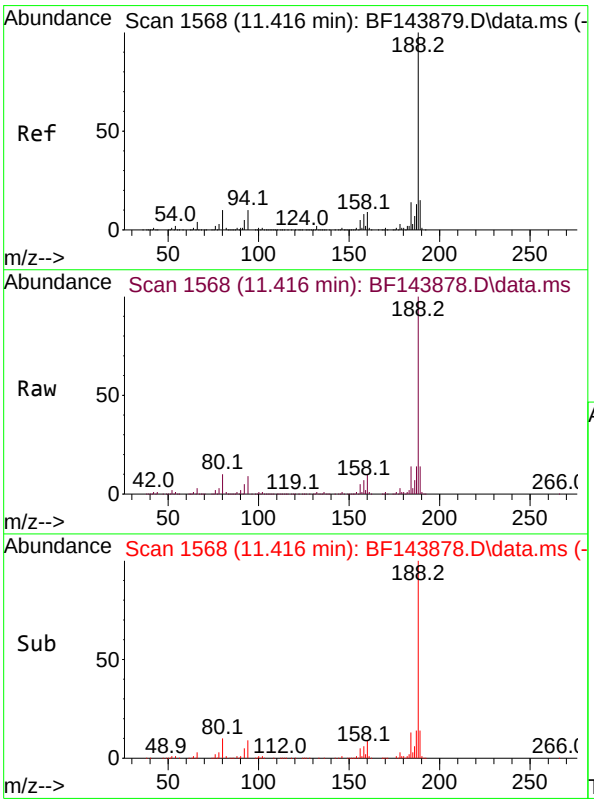
Ion	Ratio	Lower	Upper
77	100		
182	25.6	7.3	47.3
105	23.0	3.0	43.0
51	33.5	13.5	53.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

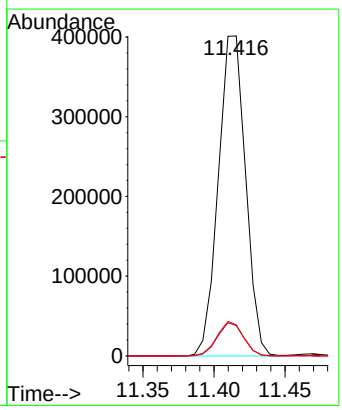
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

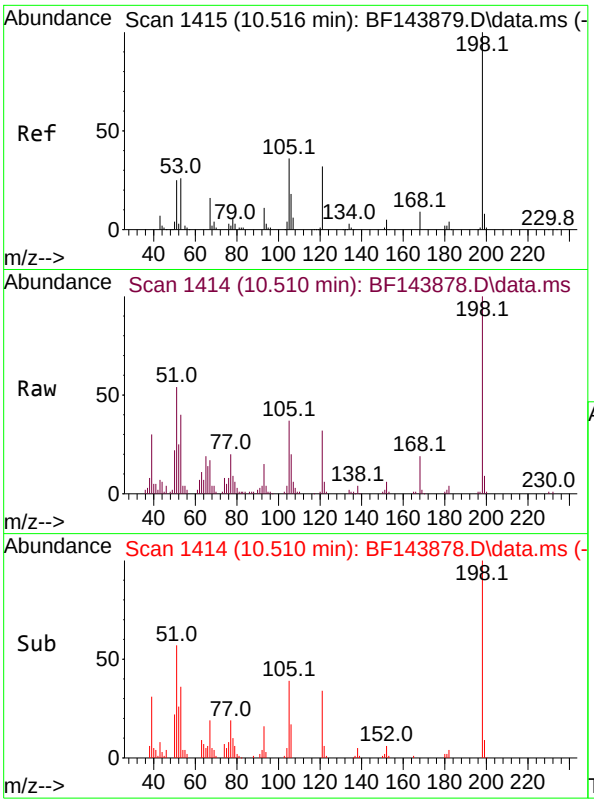


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

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

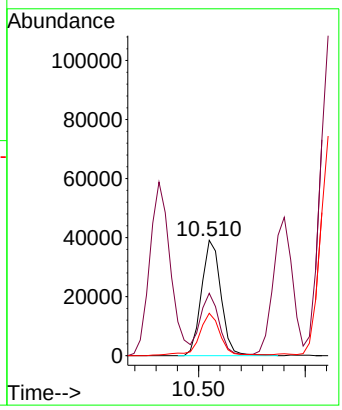
Tgt Ion:198 Resp: 4940

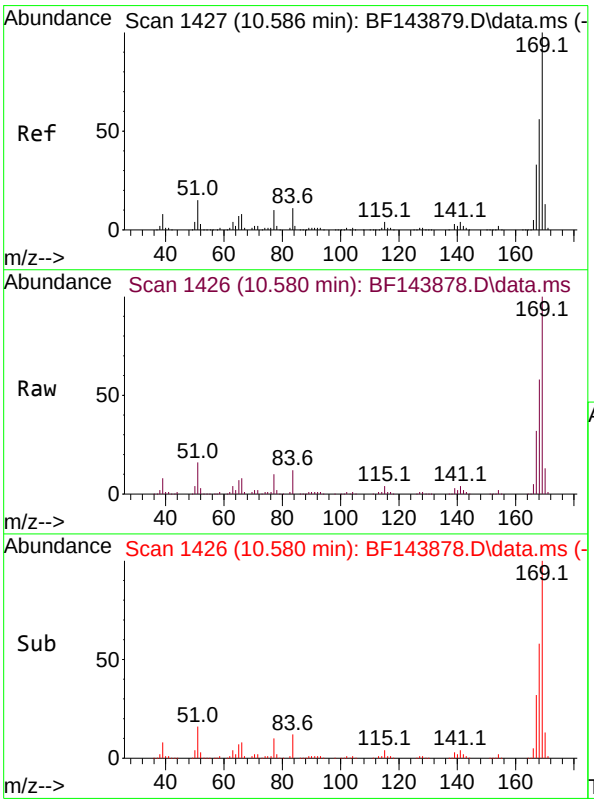
Ion	Ratio	Lower	Upper
198	100		
51	54.1	33.8	73.8
105	36.7	17.0	57.0

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

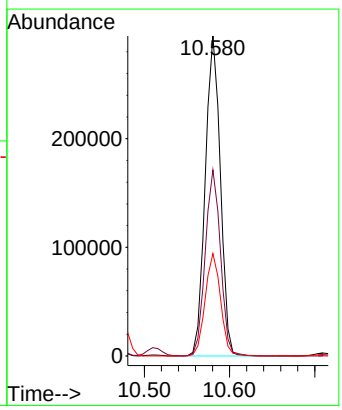


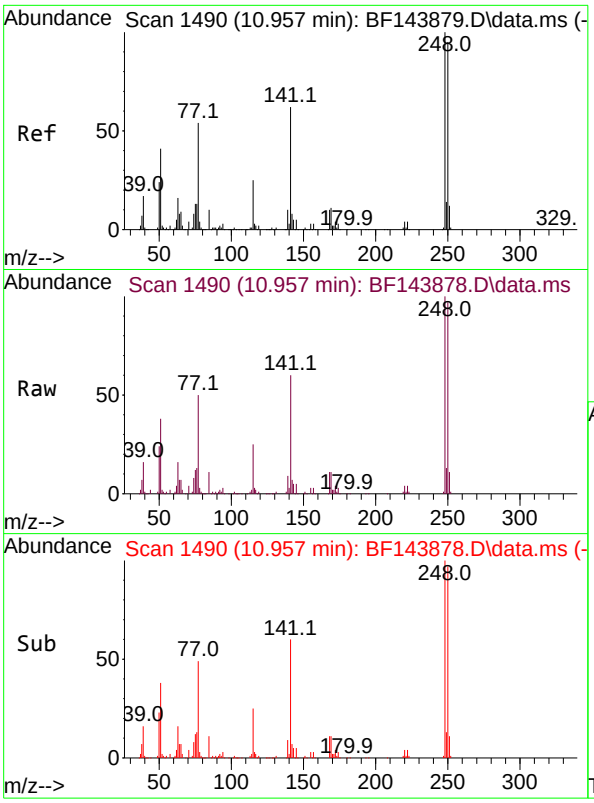


#66
n-Nitrosodiphenylamine
Concen: 21.484 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

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

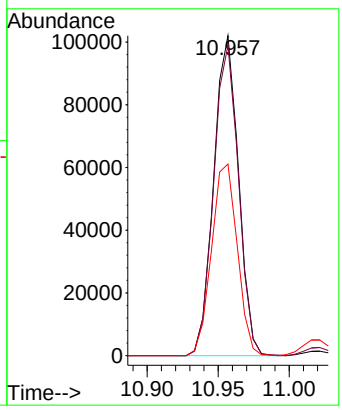




#67
4-Bromophenyl-phenylether
Concen: 20.876 ng
RT: 10.957 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:248 Resp: 12388

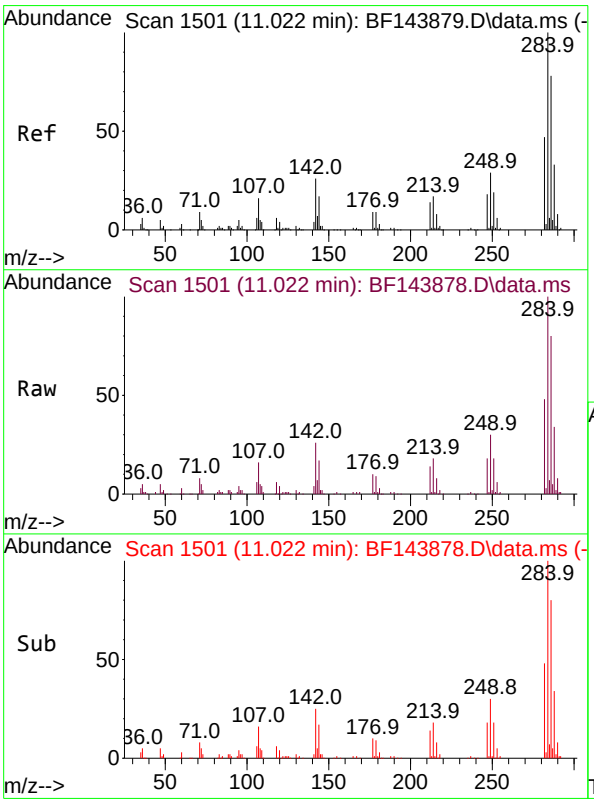
Ion	Ratio	Lower	Upper
248	100		
250	97.0	76.3	114.5
141	59.9	49.7	74.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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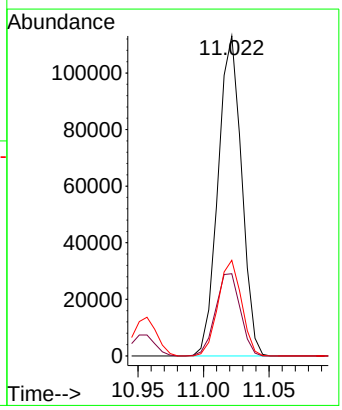
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

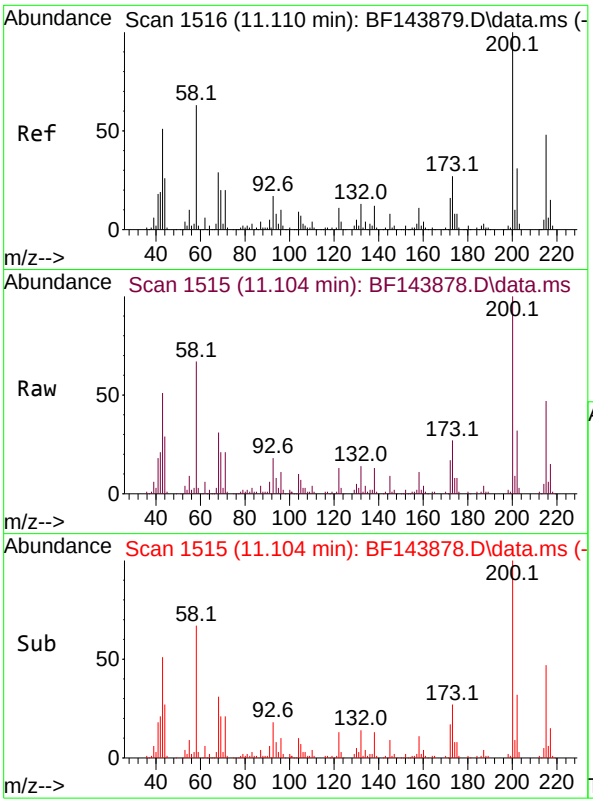


#68
Hexachlorobenzene
Concen: 20.570 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

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

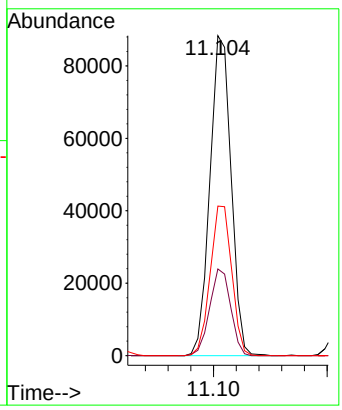




#69
Atrazine
Concen: 22.405 ng
RT: 11.104 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:200 Resp: 11449

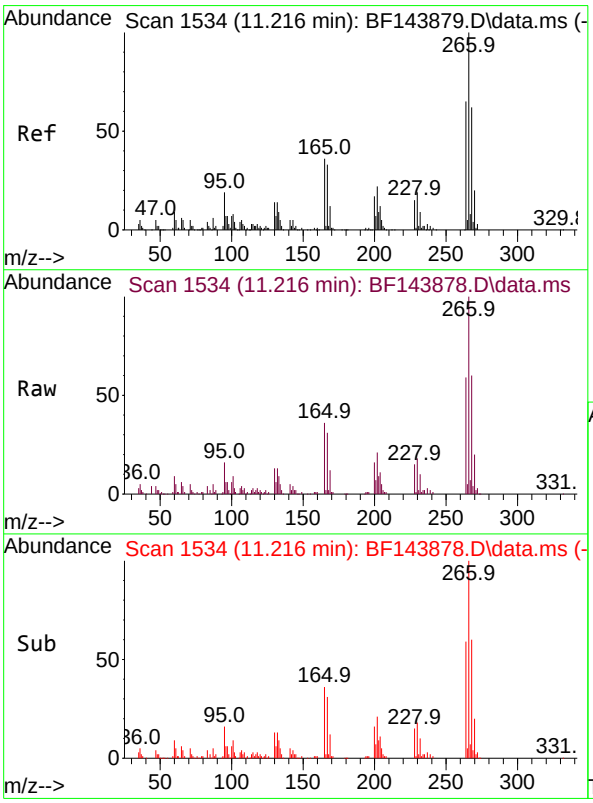
Ion	Ratio	Lower	Upper
200	100		
173	27.1	7.0	47.0
215	46.7	27.8	67.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

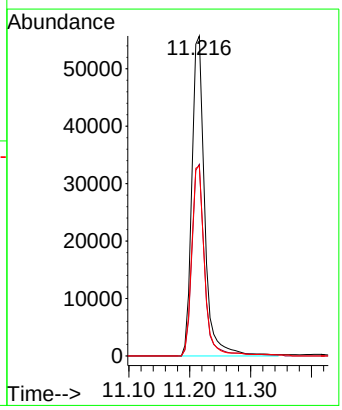
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

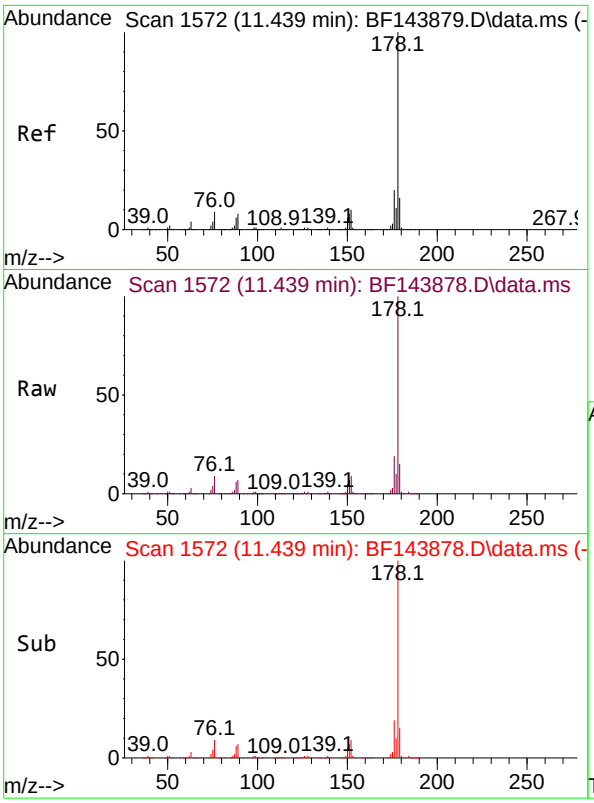


#70
Pentachlorophenol
Concen: 20.687 ng
RT: 11.216 min Scan# 1534
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

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

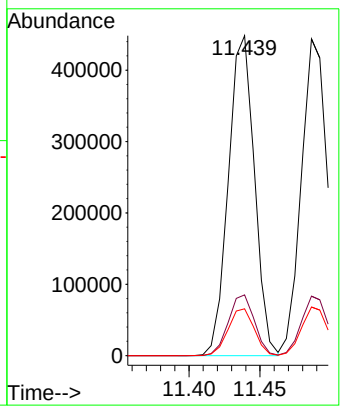




#71
Phenanthrene
Concen: 21.979 ng
RT: 11.439 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:178 Resp: 57215

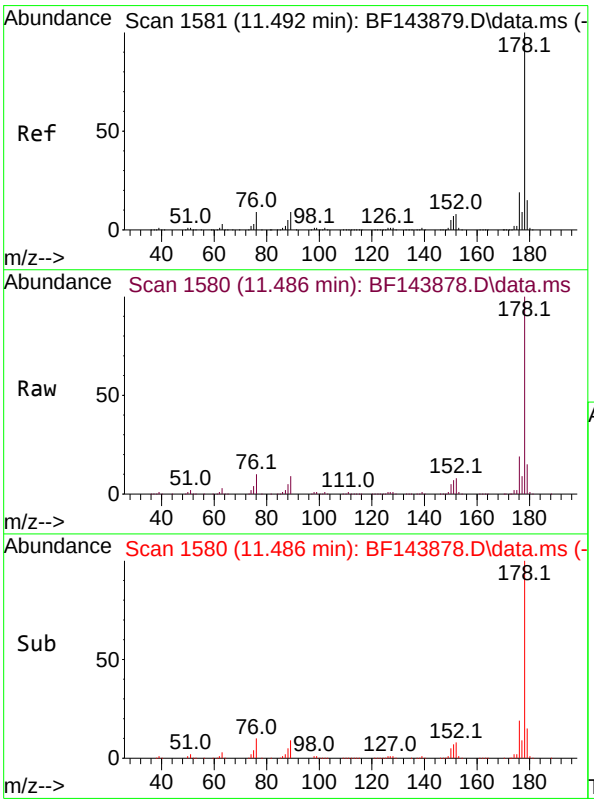
Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.9	23.9
179	14.6	12.4	18.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

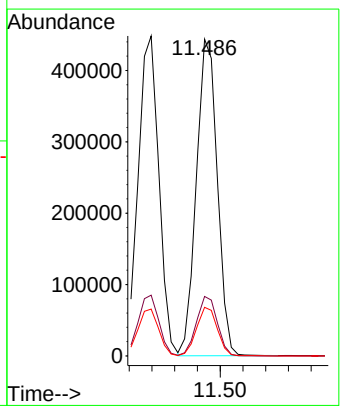
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

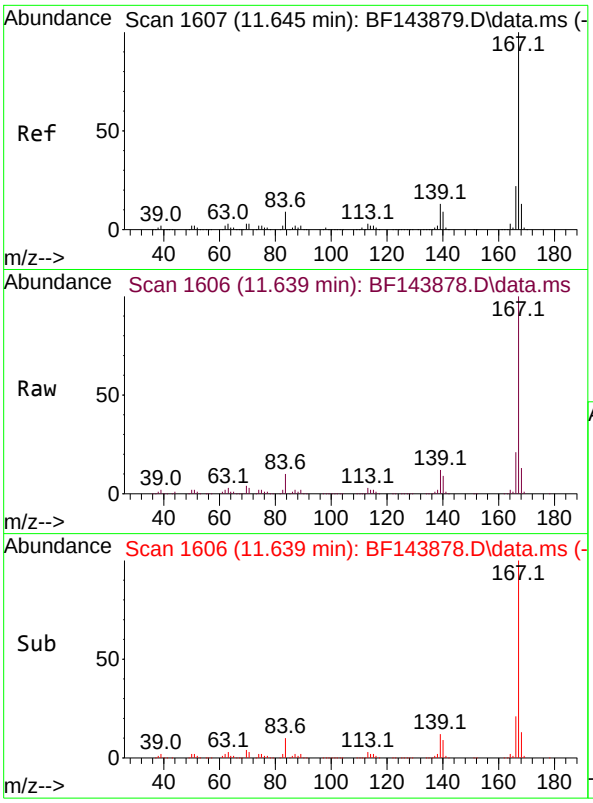


#72
Anthracene
Concen: 21.588 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

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

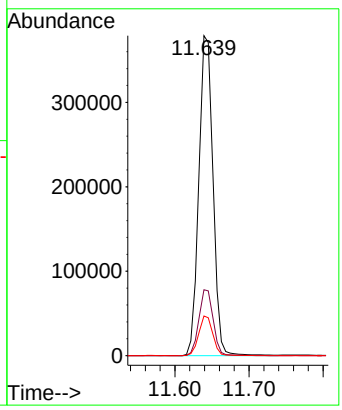




#73
Carbazole
Concen: 21.651 ng
RT: 11.639 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:167 Resp: 50428

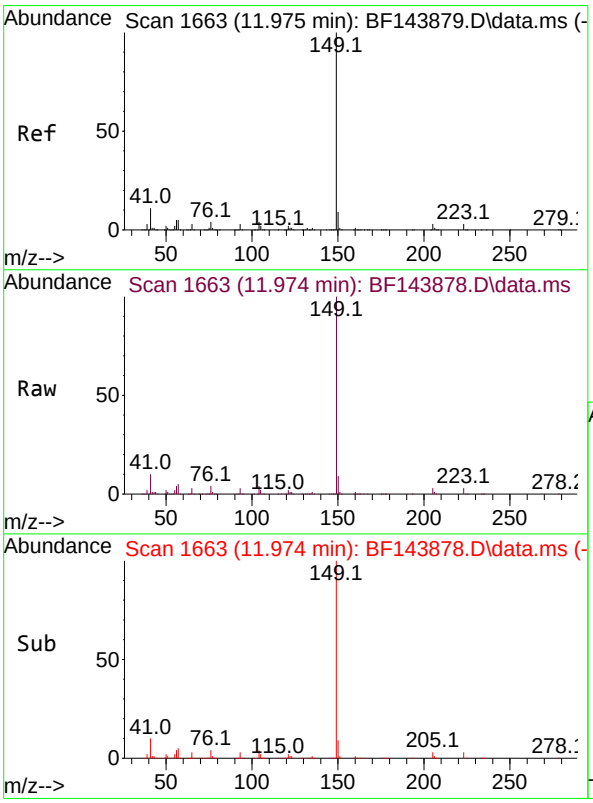
Ion	Ratio	Lower	Upper
167	100		
166	20.6	17.2	25.8
139	12.4	10.1	15.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

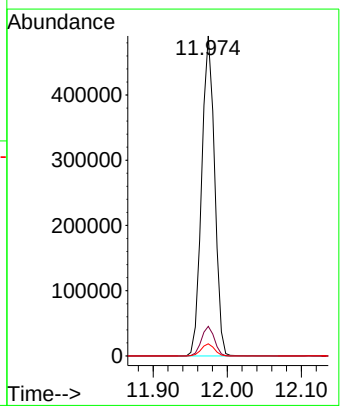
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

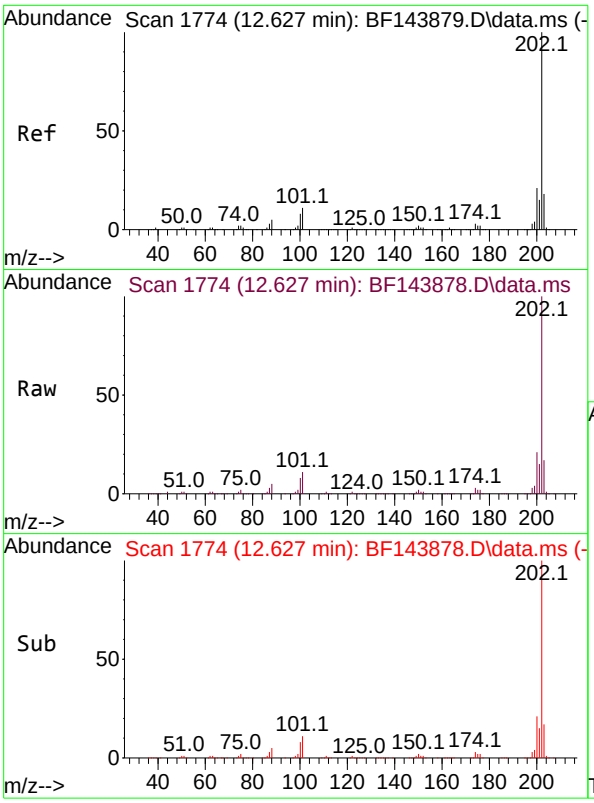


#74
Di-n-butylphthalate
Concen: 22.047 ng
RT: 11.974 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

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

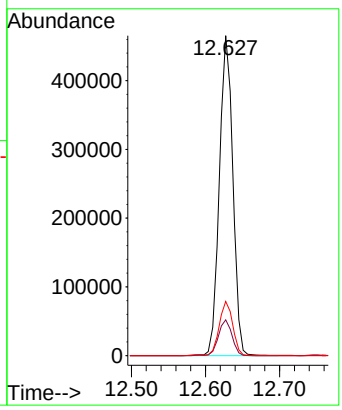




#75
Fluoranthene
Concen: 21.843 ng
RT: 12.627 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:202 Resp: 587348

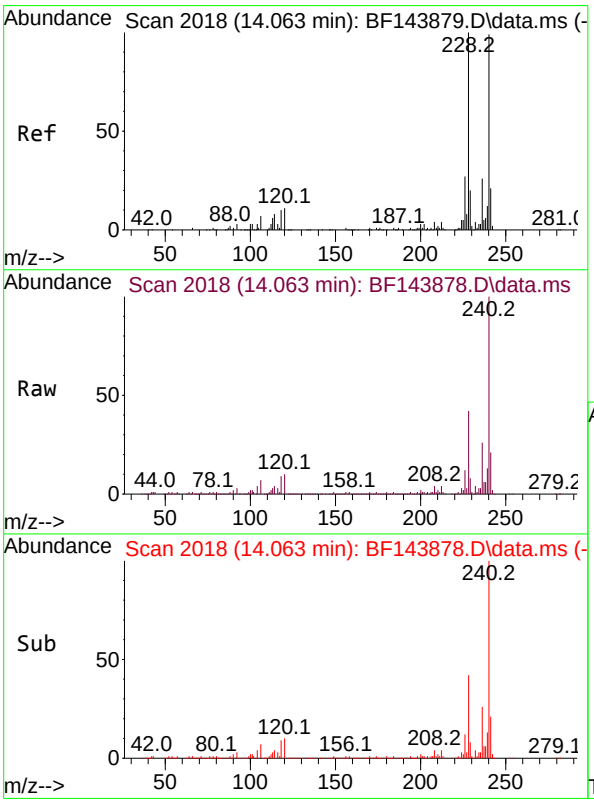
Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	30.7
203	16.9	0.0	37.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

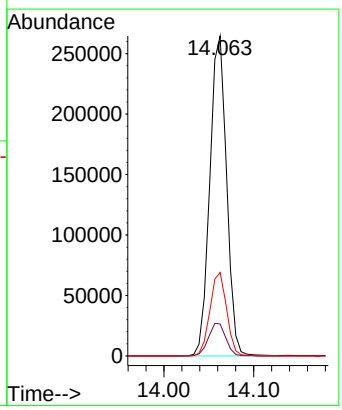
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

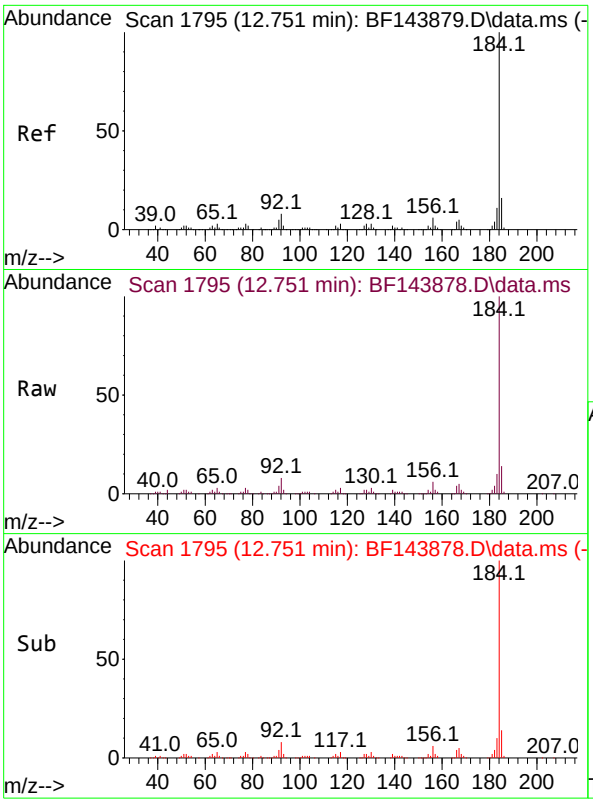


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.005 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

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

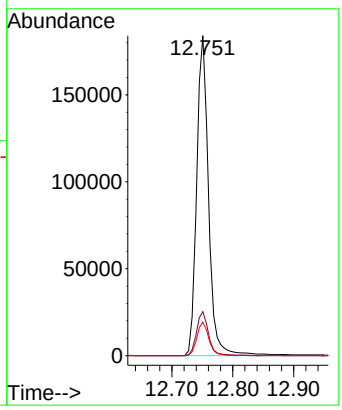




#77
Benzidine
Concen: 20.710 ng
RT: 12.751 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:184 Resp: 24935

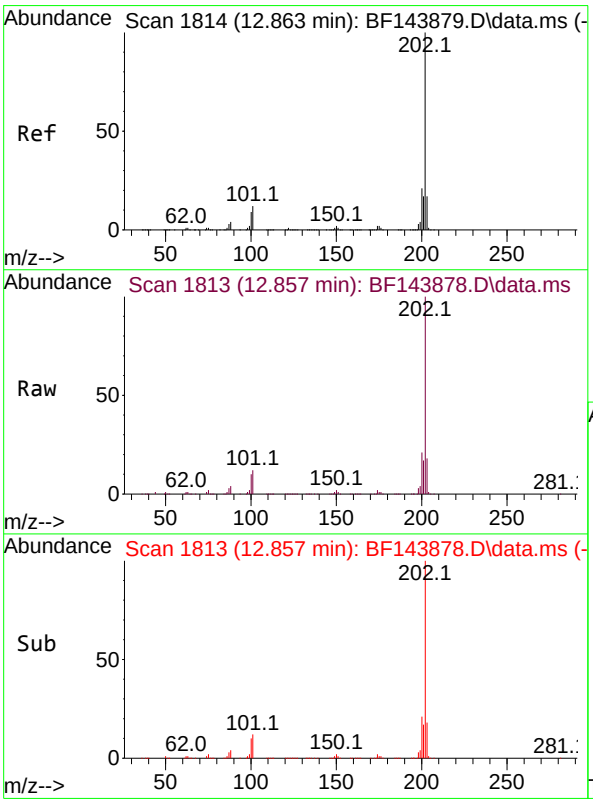
Ion	Ratio	Lower	Upper
184	100		
185	13.7	12.6	18.8
183	10.5	8.8	13.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

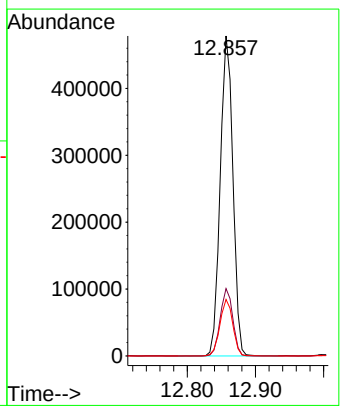
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

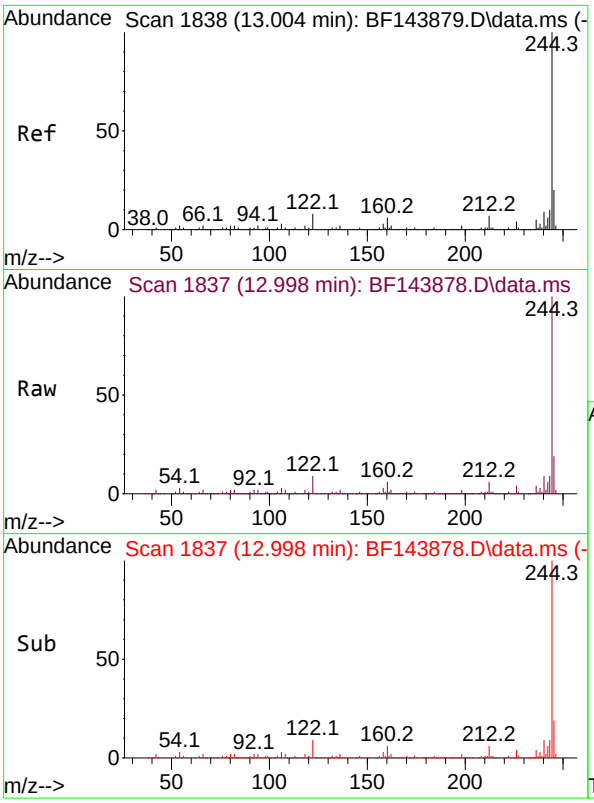


#78
Pyrene
Concen: 21.215 ng
RT: 12.857 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

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

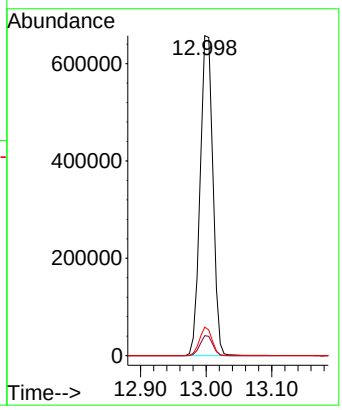




#79
Terphenyl-d14
Concen: 43.445 ng
RT: 12.998 min Scan# 18
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:244 Resp: 88148

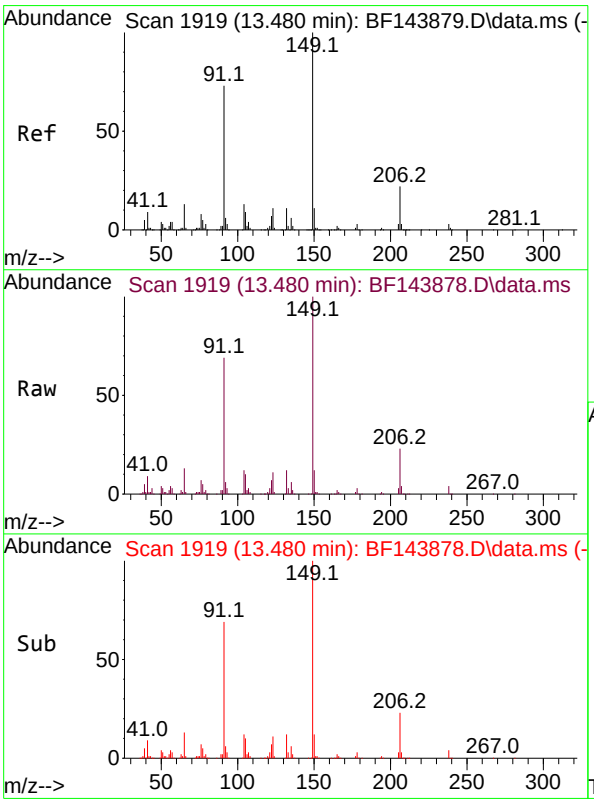
Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.4	8.0
122	8.9	6.4	9.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

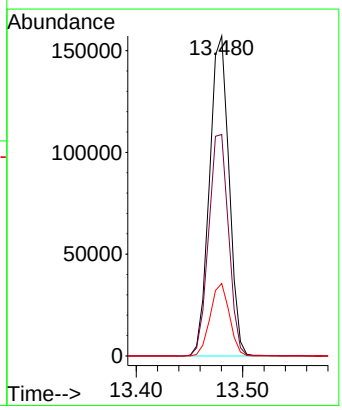
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

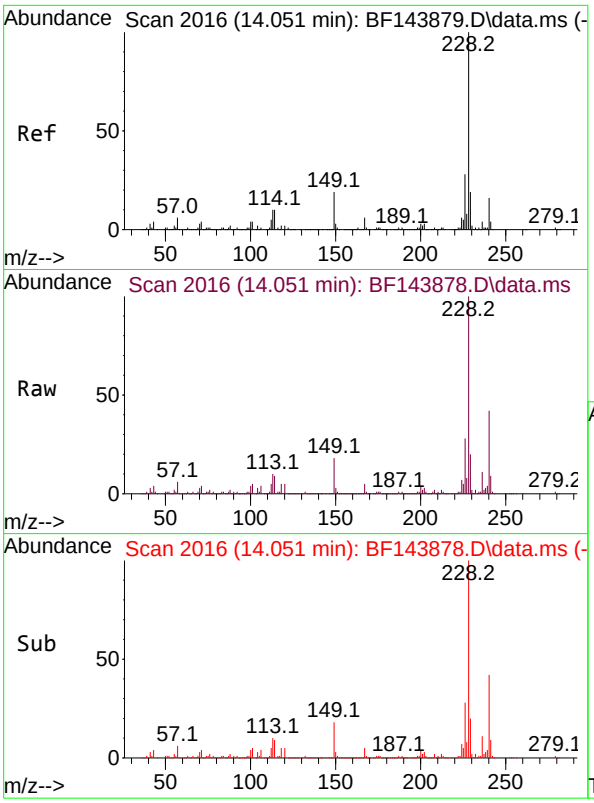


#80
Butylbenzylphthalate
Concen: 21.391 ng
RT: 13.480 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

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

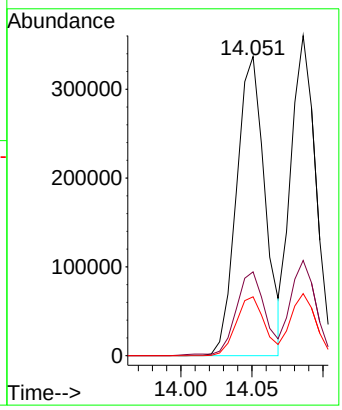




#81
Benzo(a)anthracene
Concen: 20.693 ng
RT: 14.051 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:228 Resp: 46956

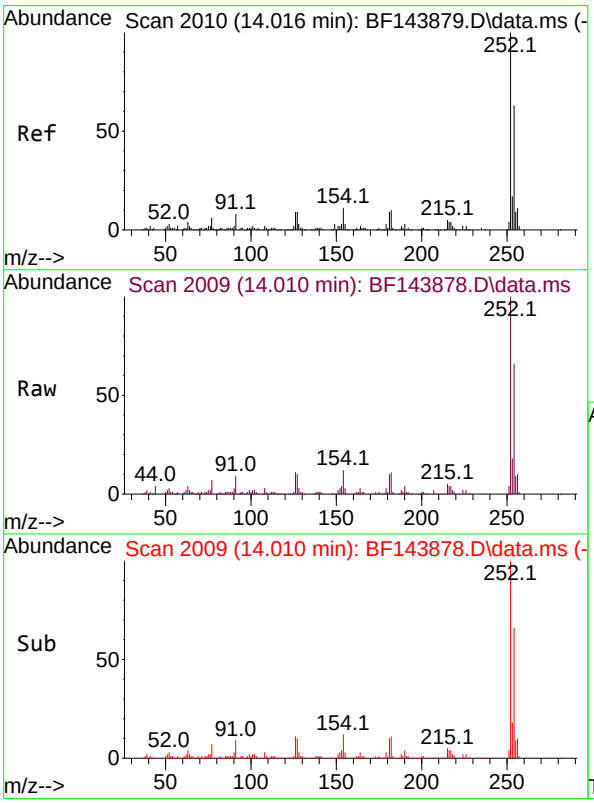
Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.2	33.2
229	19.7	15.6	23.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

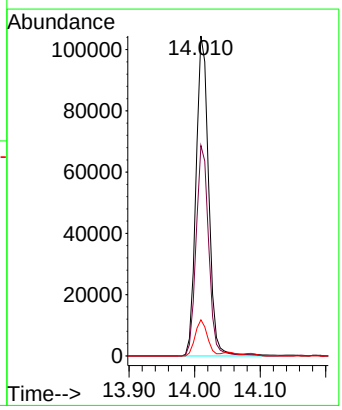
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

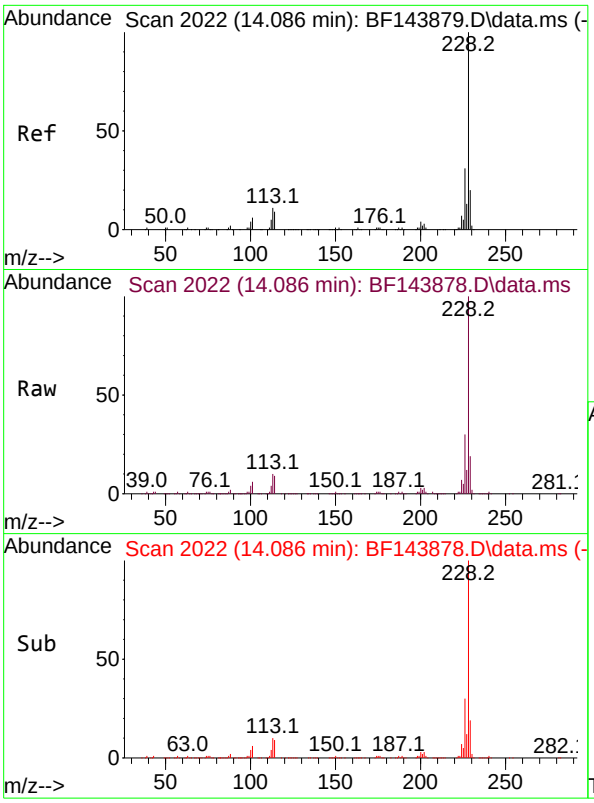


#82
3,3'-Dichlorobenzidine
Concen: 20.219 ng
RT: 14.010 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

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#

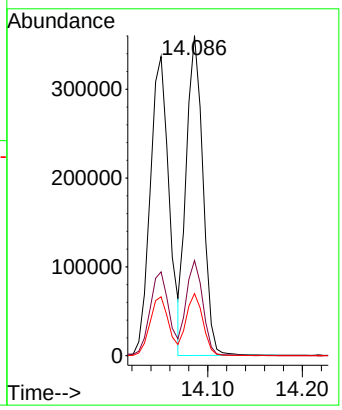




#83
Chrysene
Concen: 20.920 ng
RT: 14.086 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:228 Resp: 43937

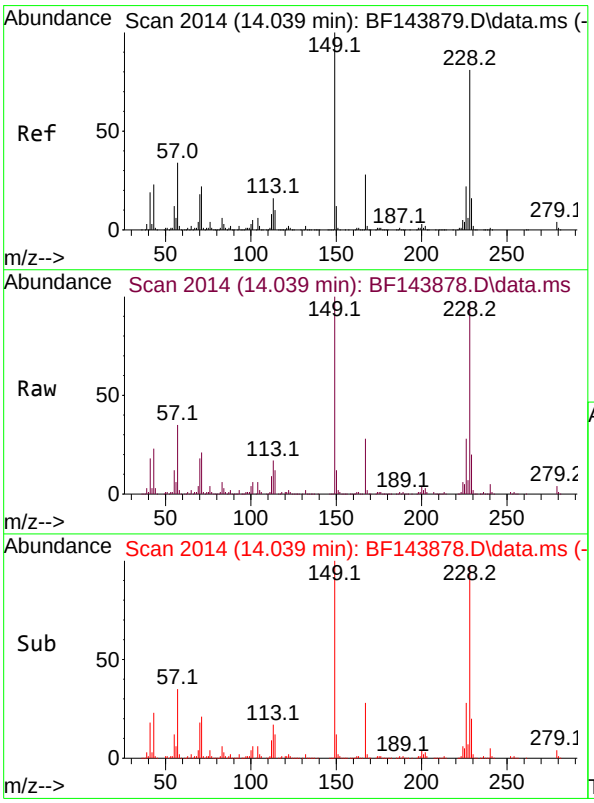
Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.4	36.6
229	19.4	15.9	23.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

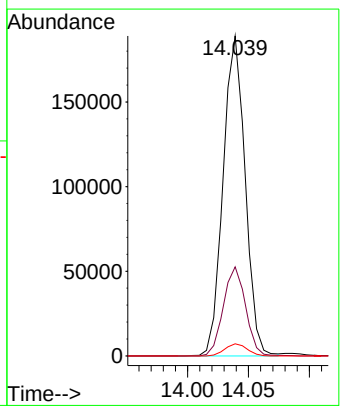
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

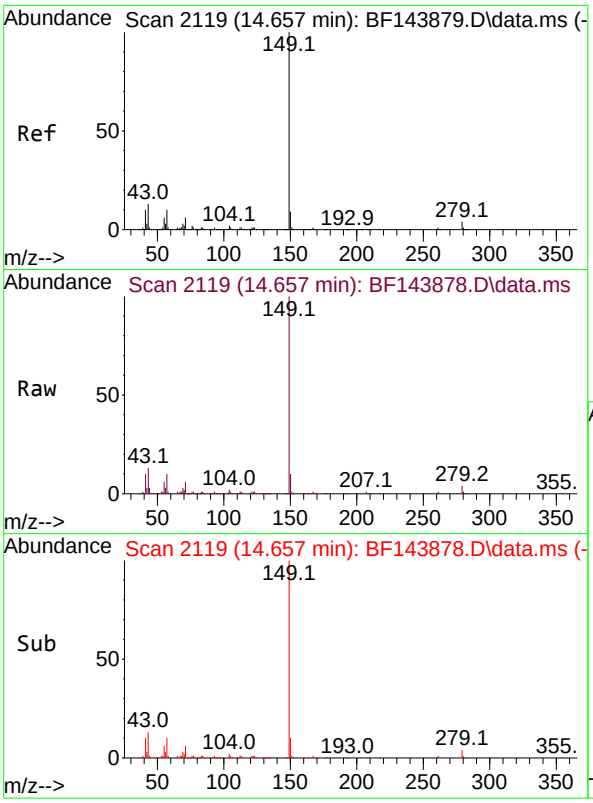


#84
Bis(2-ethylhexyl)phthalate
Concen: 21.041 ng
RT: 14.039 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

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

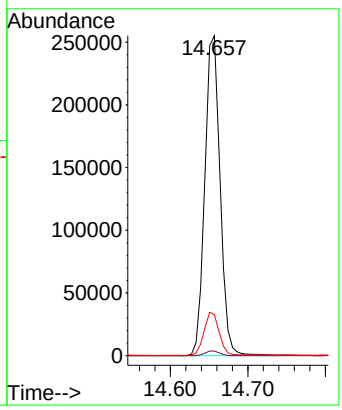




#85
Di-n-octyl phthalate
Concen: 18.814 ng
RT: 14.657 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:149 Resp: 34972

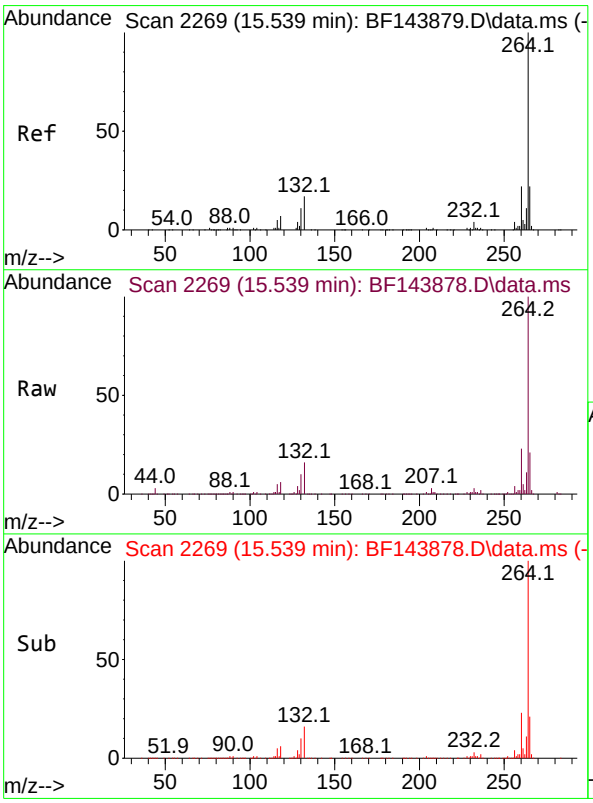
Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.1	1.7
43	13.8	11.0	16.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

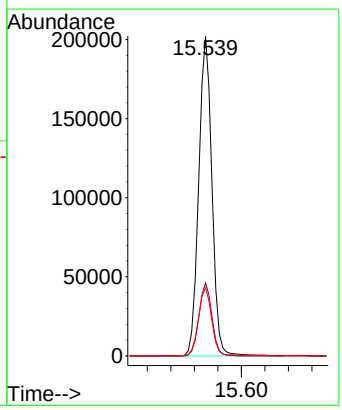
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

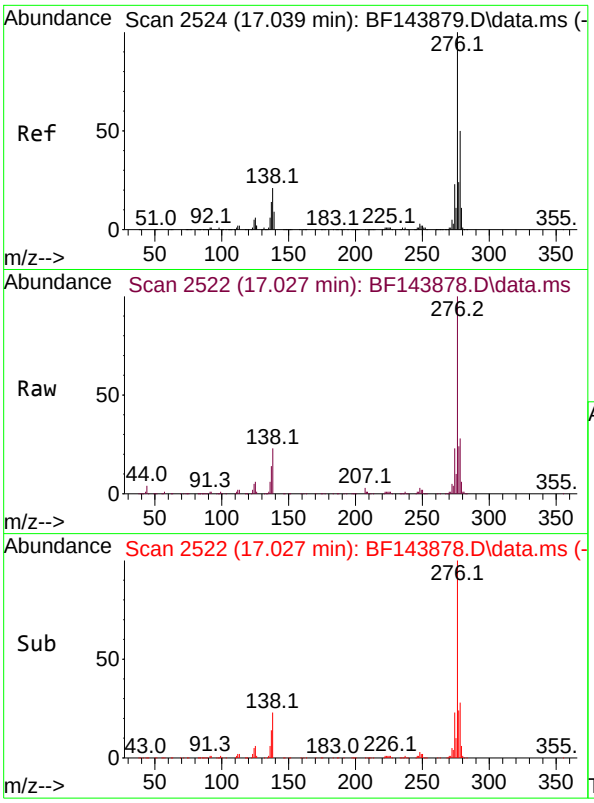


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

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

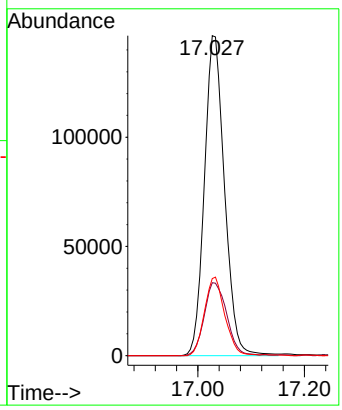




#87
Indeno(1,2,3-cd)pyrene
Concen: 19.942 ng
RT: 17.027 min Scan# 2
Delta R.T. -0.029 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:276 Resp: 384441

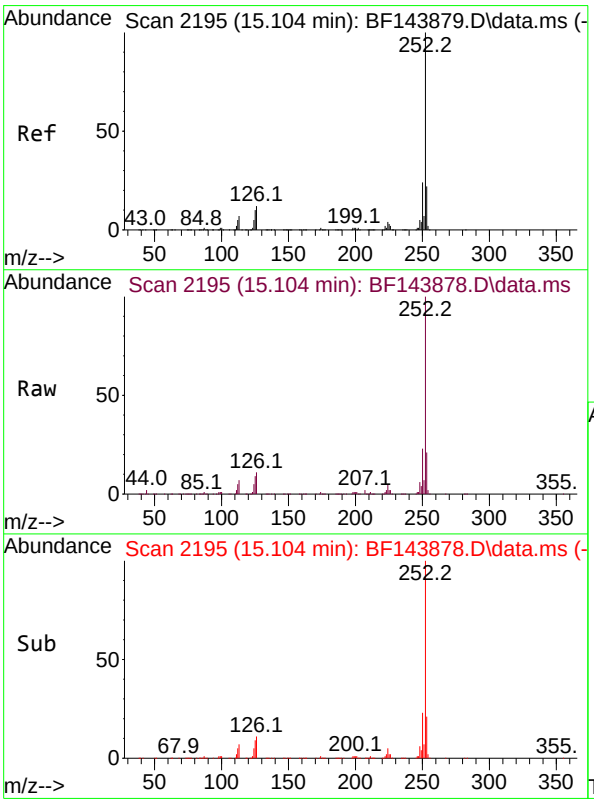
Ion	Ratio	Lower	Upper
276	100		
138	25.5	18.2	27.2
277	25.0	19.8	29.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

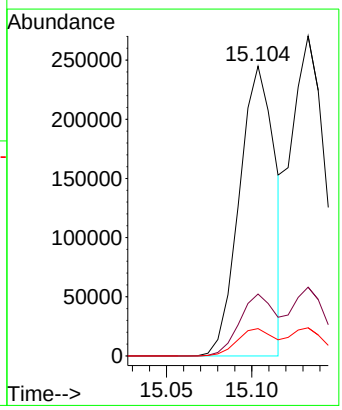
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

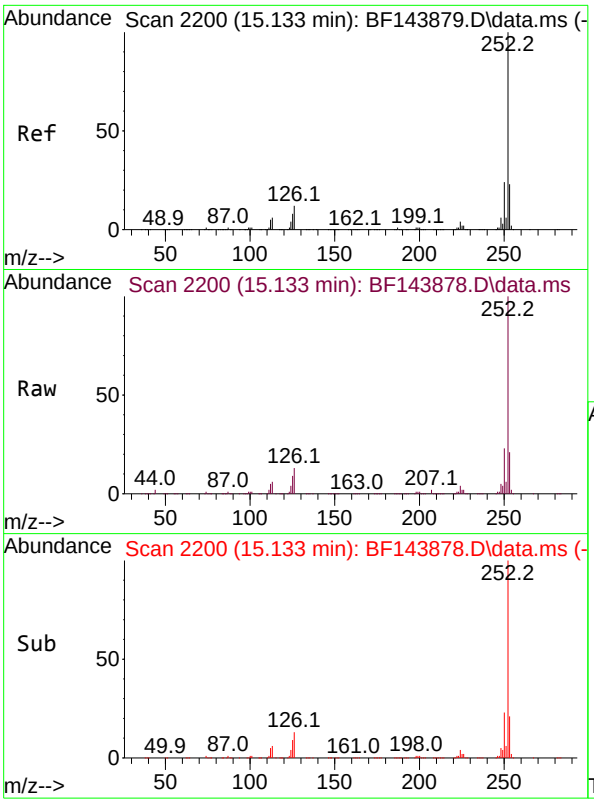


#88
Benzo(b)fluoranthene
Concen: 19.692 ng
RT: 15.104 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

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

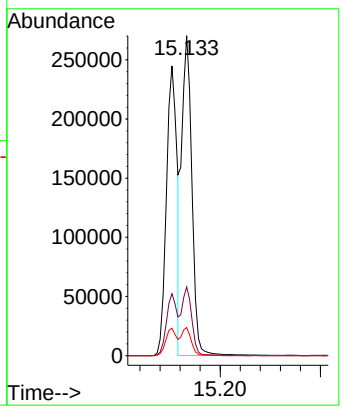




#89
Benzo(k)fluoranthene
Concen: 23.106 ng
RT: 15.133 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:252 Resp: 38639

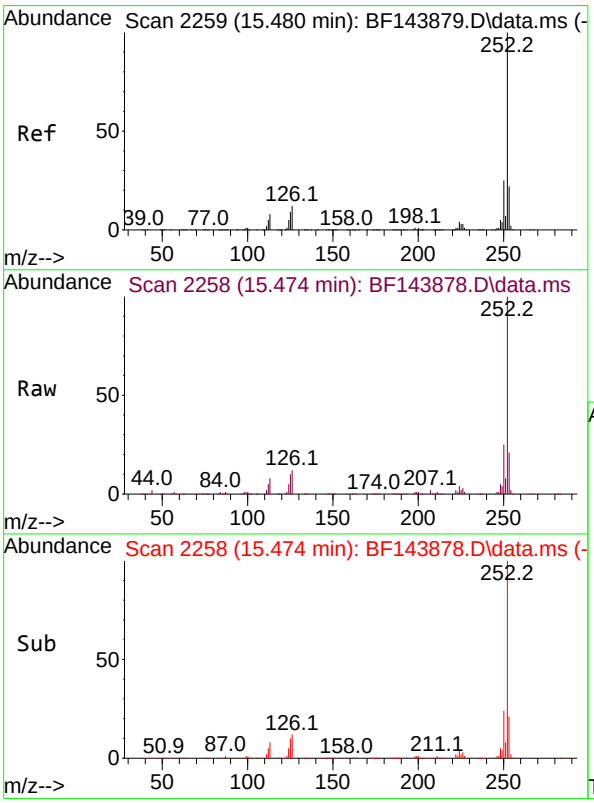
Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.8
125	8.8	7.4	11.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

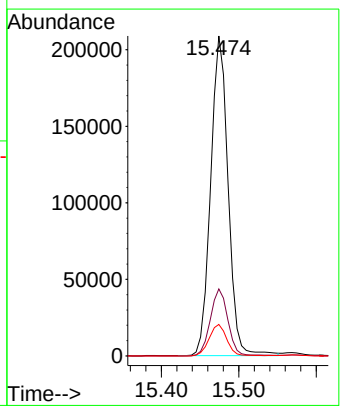
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

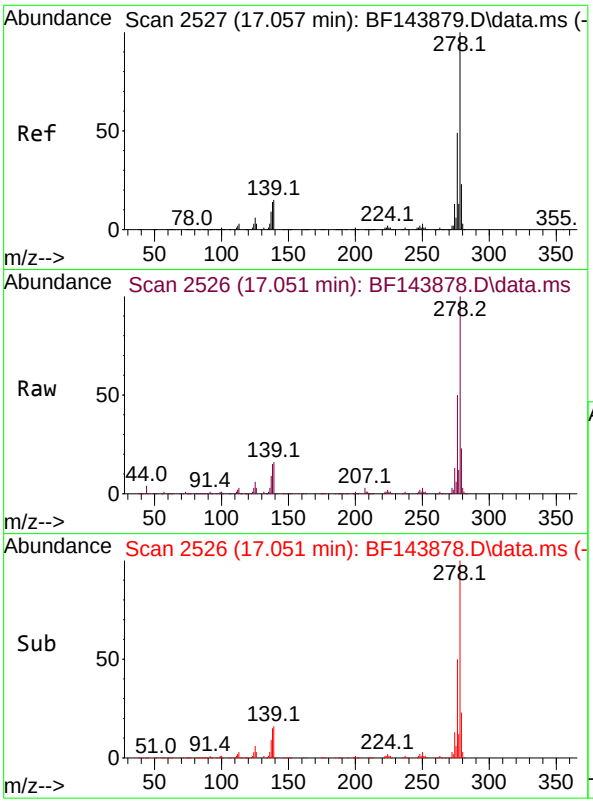


#90
Benzo(a)pyrene
Concen: 20.822 ng
RT: 15.474 min Scan# 2258
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

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

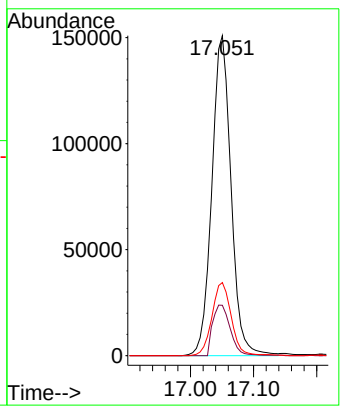




#91
Dibenzo(a,h)anthracene
Concen: 20.589 ng
RT: 17.051 min Scan# 2
Delta R.T. -0.029 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:278 Resp: 31921

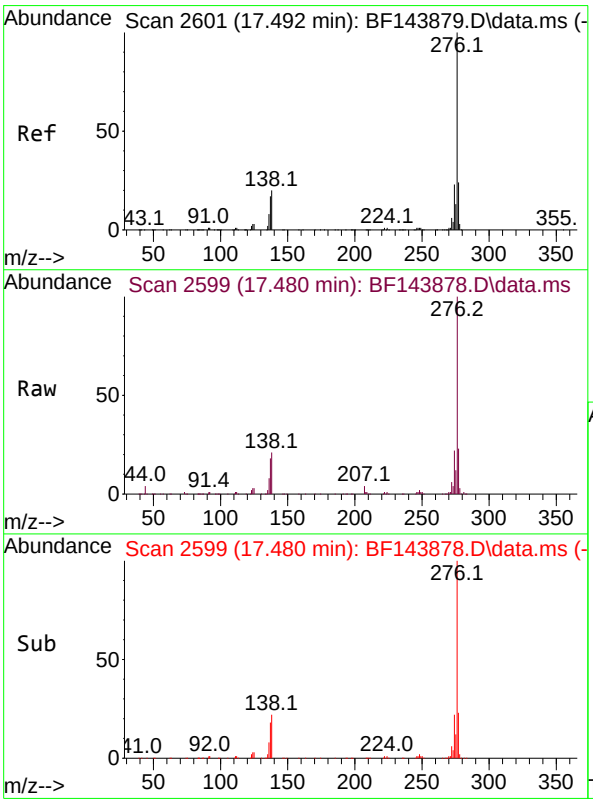
Ion	Ratio	Lower	Upper
278	100		
139	15.7	11.7	17.5
279	22.8	18.4	27.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

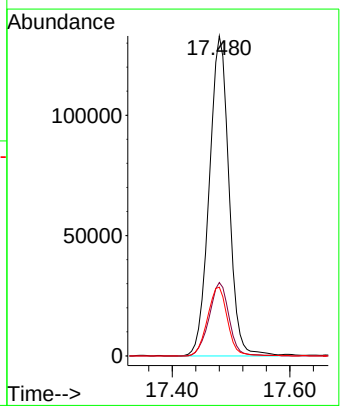
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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



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

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

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	457250m	41.042	ng	
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	199609m	42.630	ng	
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

ICAL Form

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

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

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

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

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

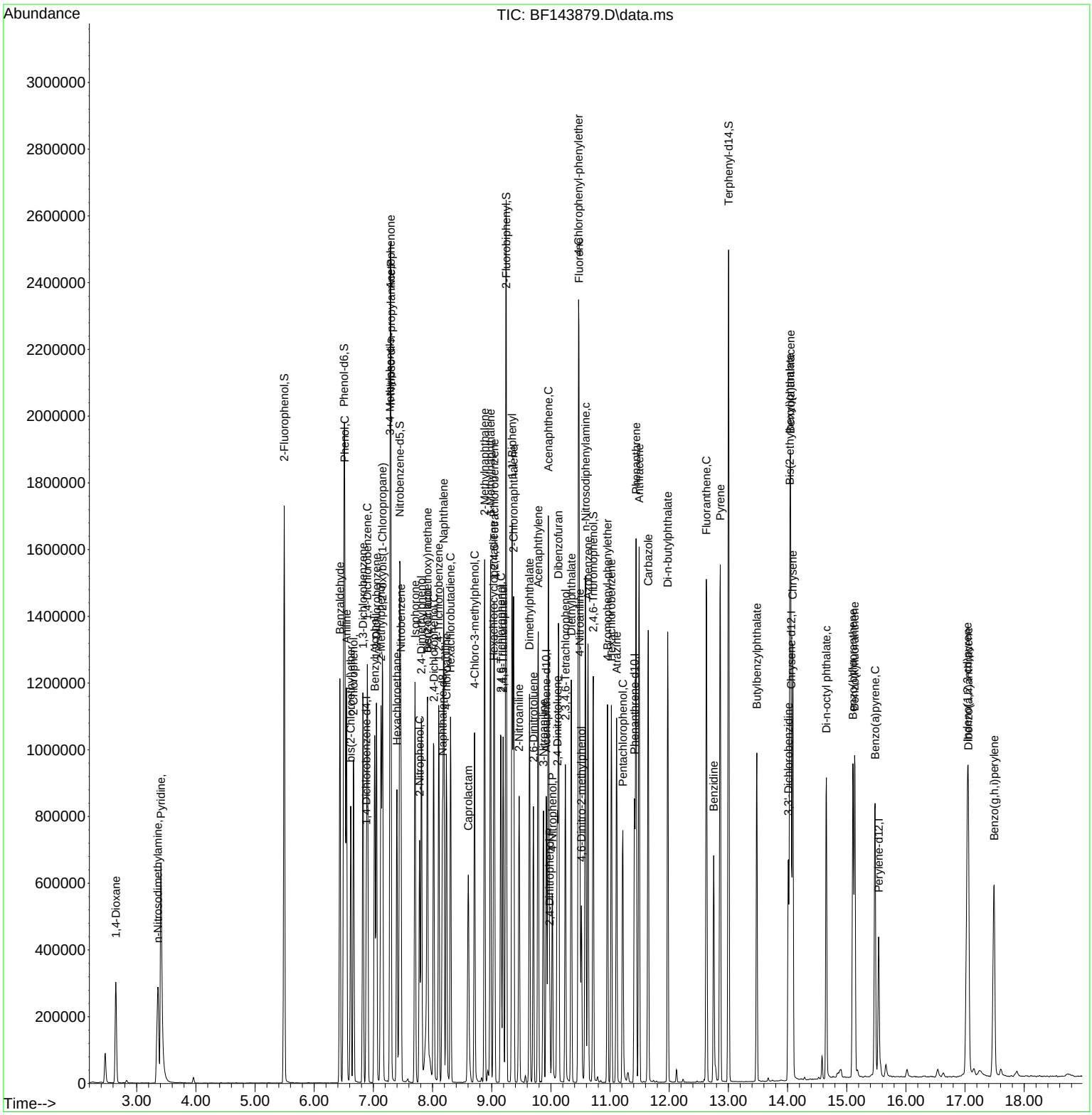
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143879.D
Acq On : 06 Oct 2025 12:54
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

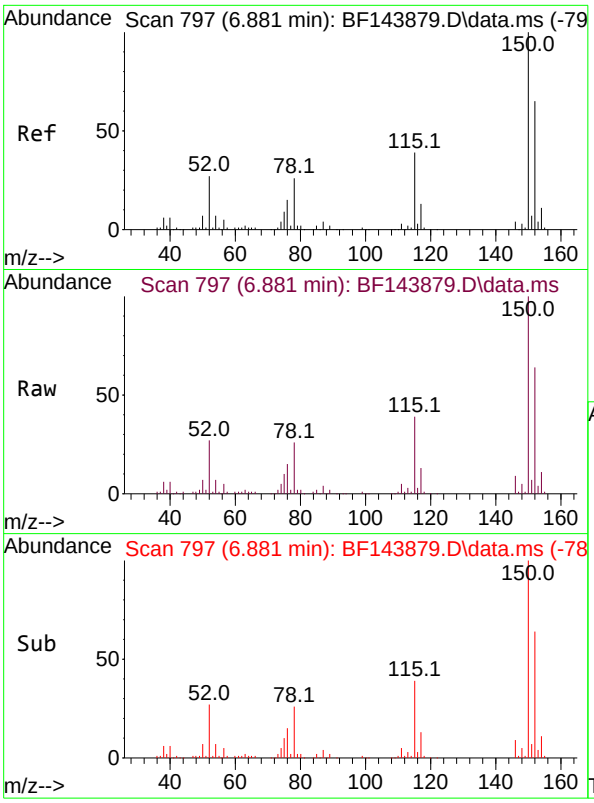
Quant Time: Oct 06 15:38:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

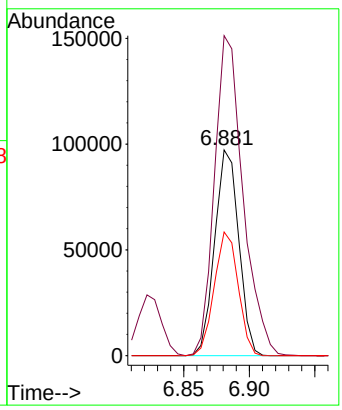




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:152 Resp: 12415

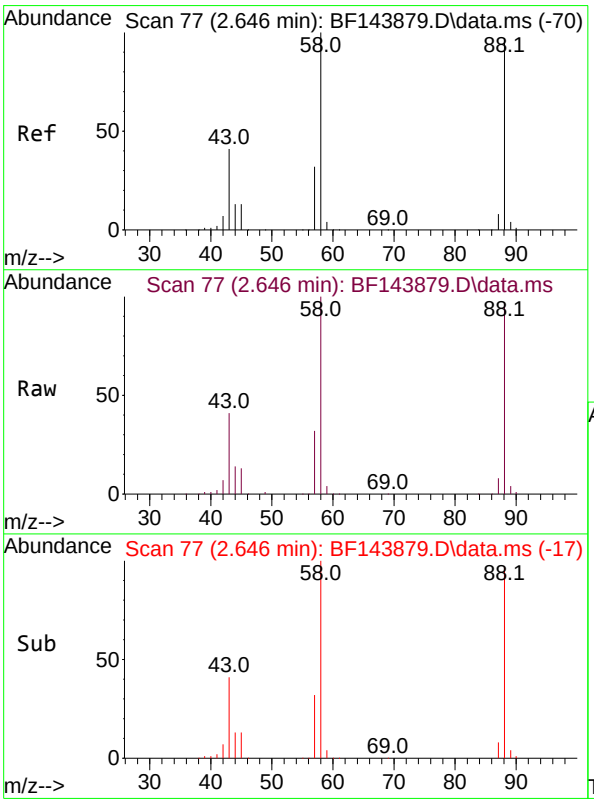
Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.4	186.6
115	60.1	48.1	72.1



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

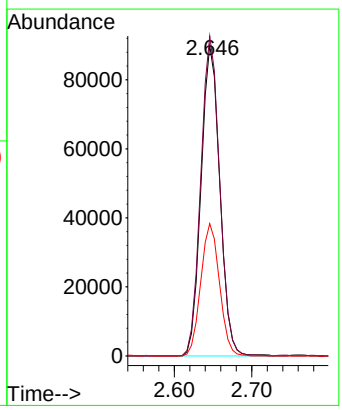
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

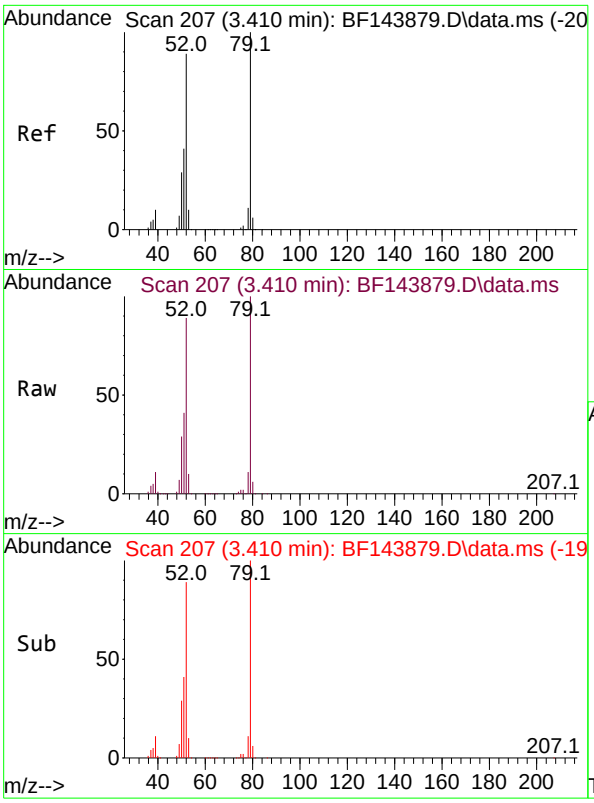


#2
1,4-Dioxane
Concen: 41.781 ng
RT: 2.646 min Scan# 77
Delta R.T. 0.000 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

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

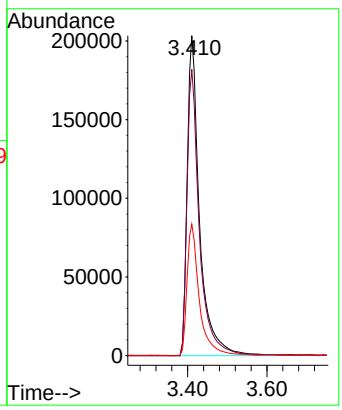
Tgt Ion: 79 Resp: 43998

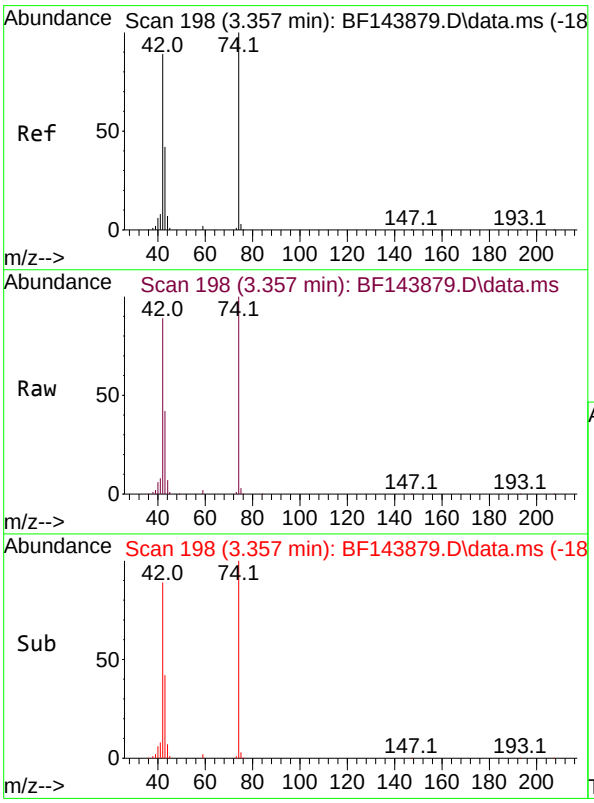
Ion	Ratio	Lower	Upper
79	100		
52	89.4	71.5	107.3
51	41.1	32.9	49.3

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

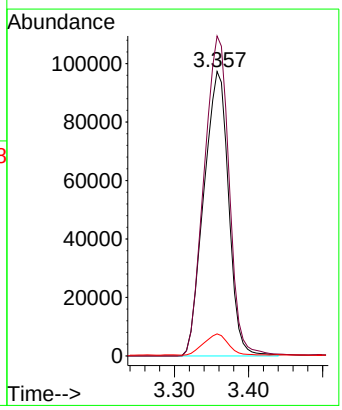


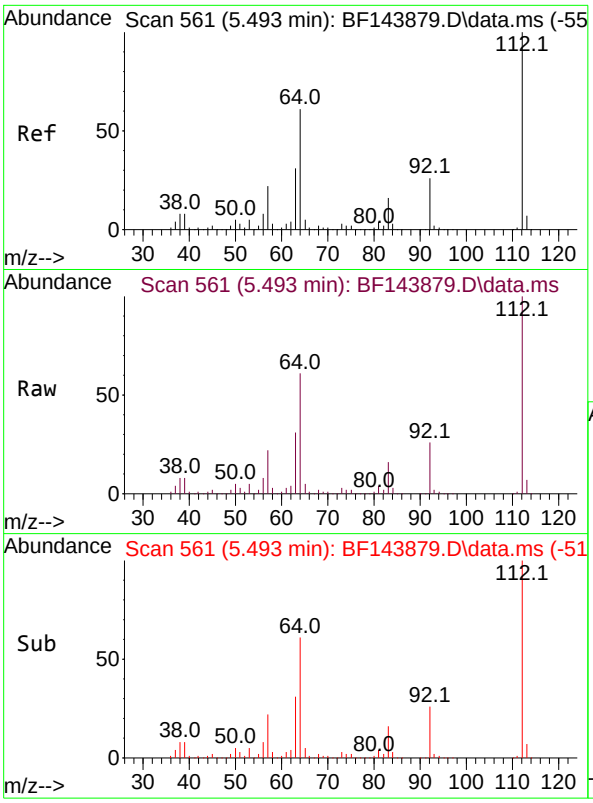


#4
n-Nitrosodimethylamine
Concen: 40.760 ng
RT: 3.357 min Scan# 198
Delta R.T. -0.029 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

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

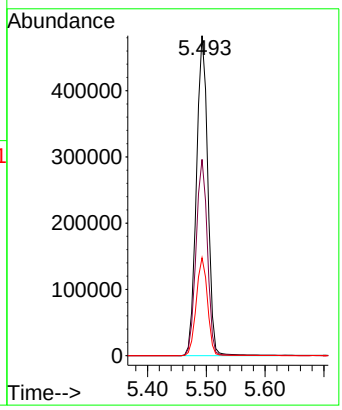




#5
2-Fluorophenol
Concen: 83.027 ng
RT: 5.493 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:112 Resp: 64912

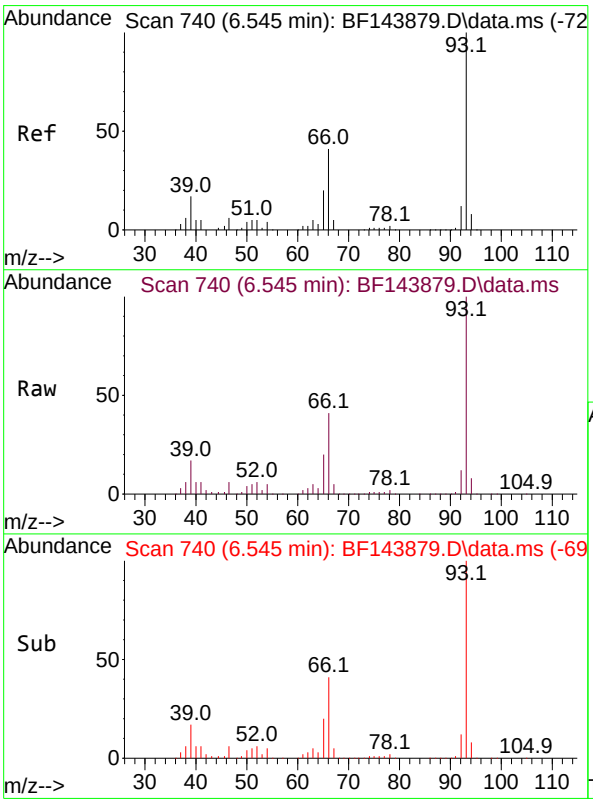
Ion	Ratio	Lower	Upper
112	100		
64	61.4	49.1	73.7
63	30.6	24.5	36.7



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

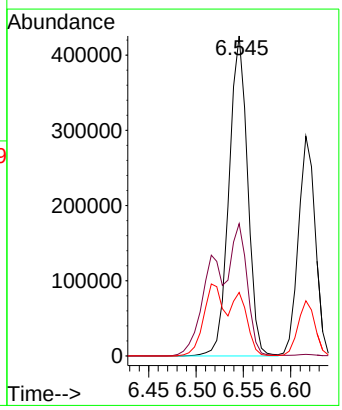
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

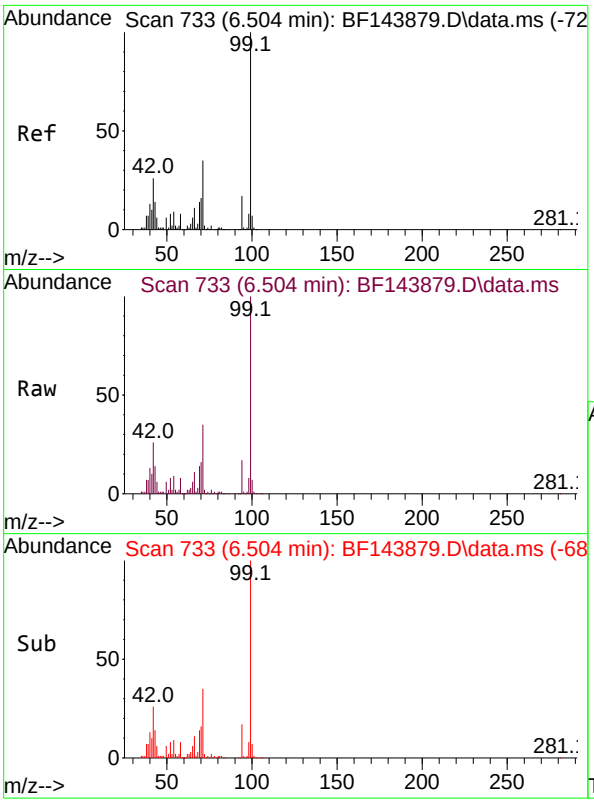


#6
Aniline
Concen: 41.662 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

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

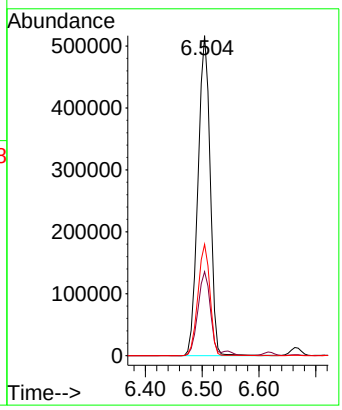




#7
Phenol-d6
Concen: 82.158 ng
RT: 6.504 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion: 99 Resp: 765629

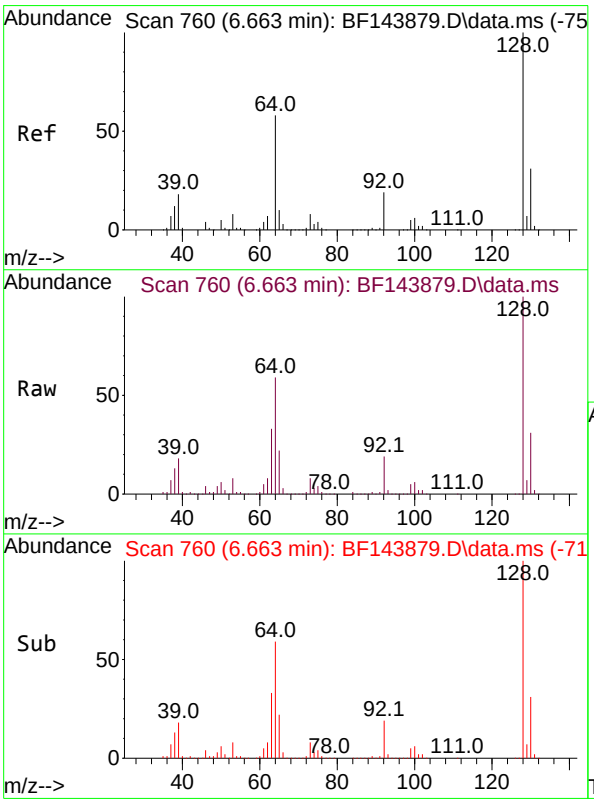
Ion	Ratio	Lower	Upper
99	100		
42	26.2	21.0	31.4
71	34.8	27.8	41.8



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

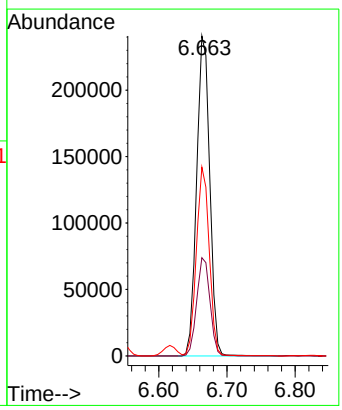
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

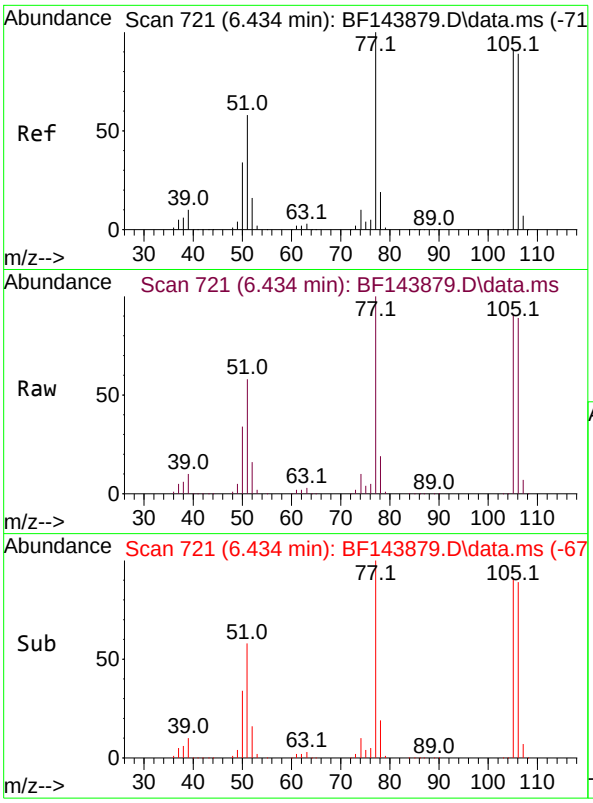


#8
2-Chlorophenol
Concen: 42.055 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

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

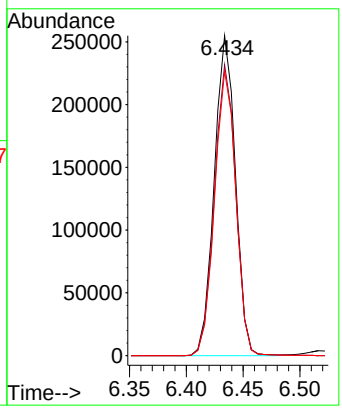




#9
Benzaldehyde
Concen: 45.914 ng
RT: 6.434 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion: 77 Resp: 33006

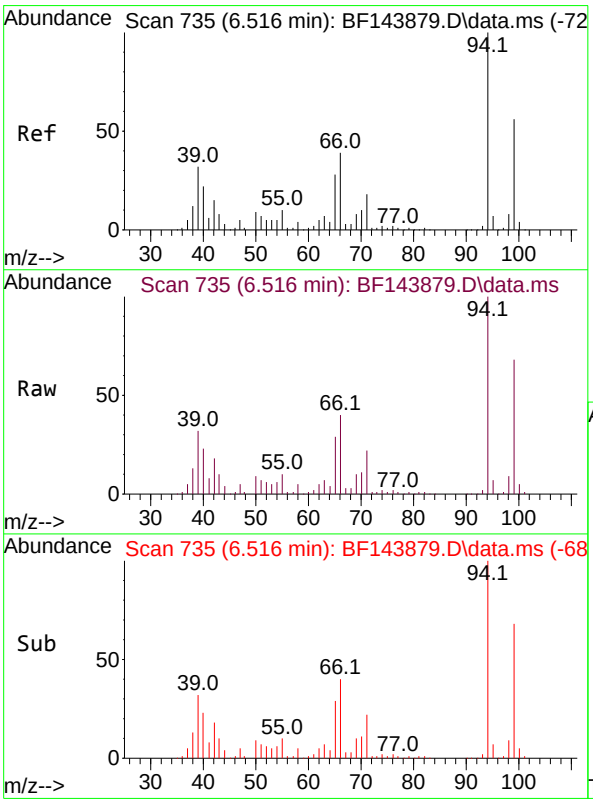
Ion	Ratio	Lower	Upper
77	100		
105	90.9	70.9	110.9
106	88.9	68.9	108.9



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

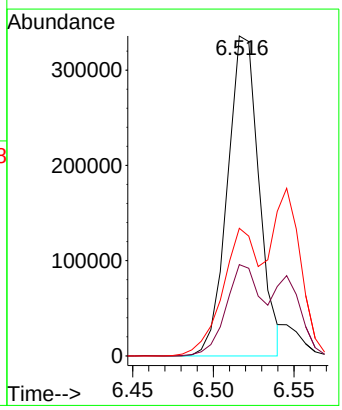
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

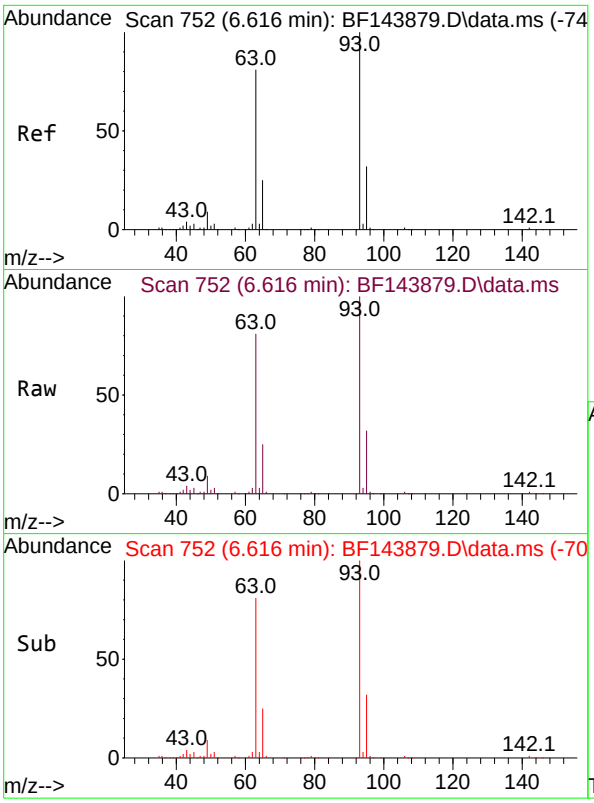


#10
Phenol
Concen: 41.042 ng m
RT: 6.516 min Scan# 735
Delta R.T. -0.018 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion: 94 Resp: 457250

Ion	Ratio	Lower	Upper
94	100		
65	28.5	8.5	48.5
66	39.9	19.9	59.9

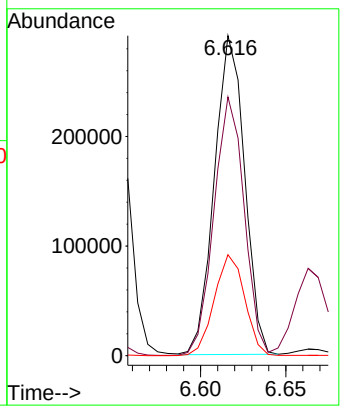




#11
bis(2-Chloroethyl)ether
Concen: 41.712 ng
RT: 6.616 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion: 93 Resp: 35898

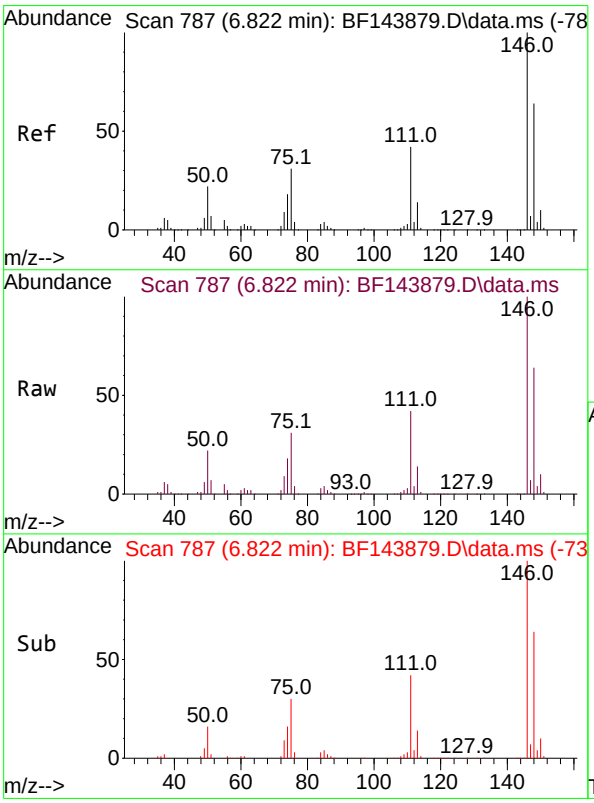
Ion	Ratio	Lower	Upper
93	100		
63	80.9	60.9	100.9
95	31.5	11.5	51.5



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

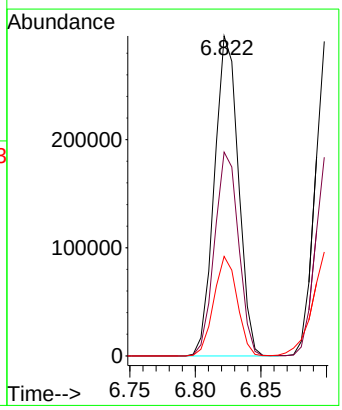
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

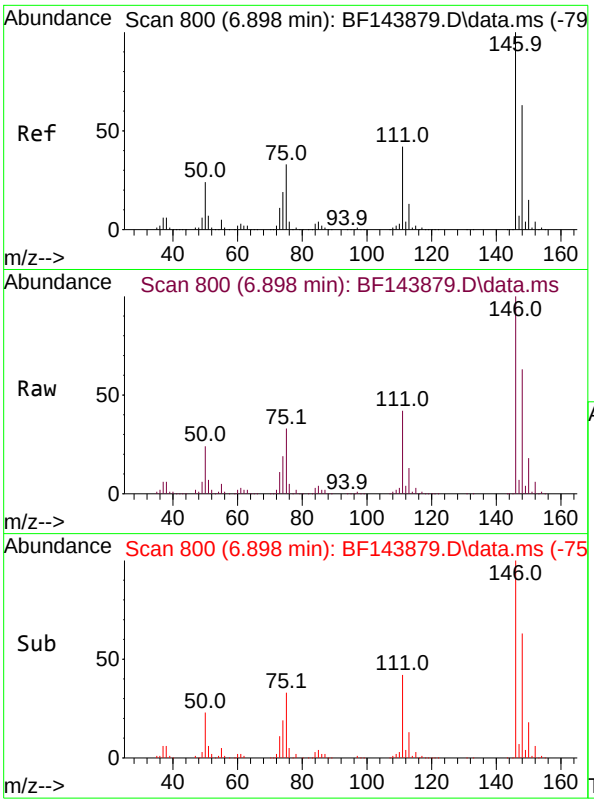


#12
1,3-Dichlorobenzene
Concen: 41.141 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

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

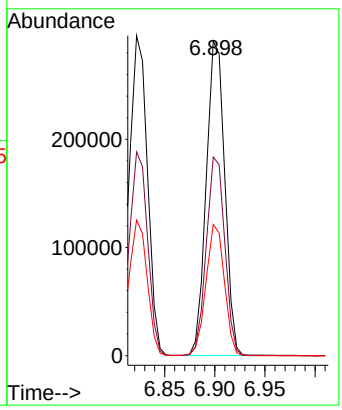




#13
1,4-Dichlorobenzene
Concen: 41.238 ng
RT: 6.898 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:146 Resp: 37211

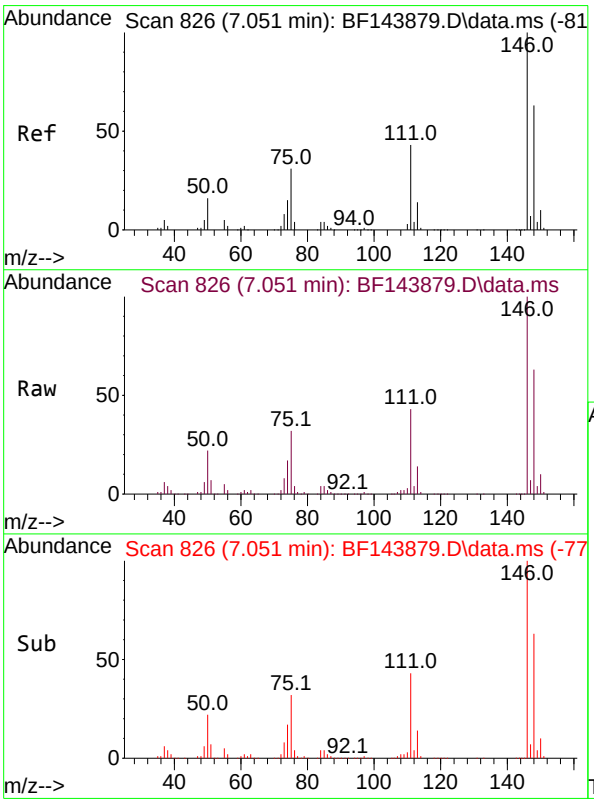
Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.5	75.7
111	41.7	33.4	50.0



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

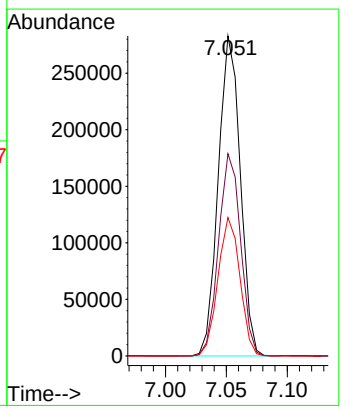
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

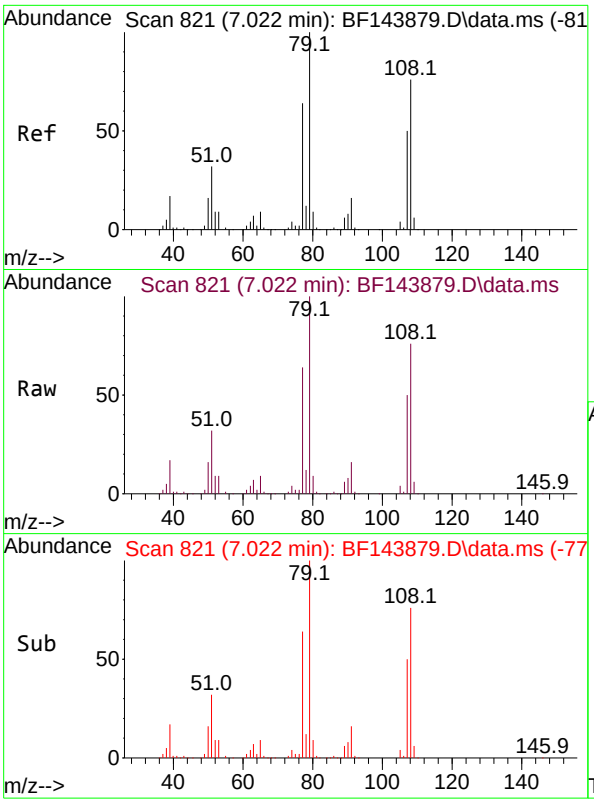


#14
1,2-Dichlorobenzene
Concen: 41.204 ng
RT: 7.051 min Scan# 826
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

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

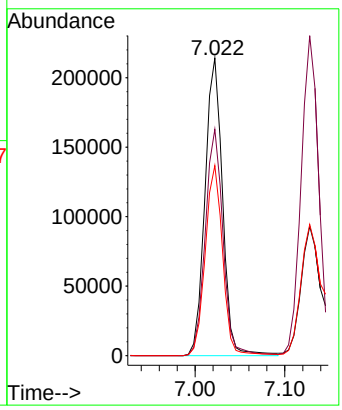
Tgt Ion: 79 Resp: 29121

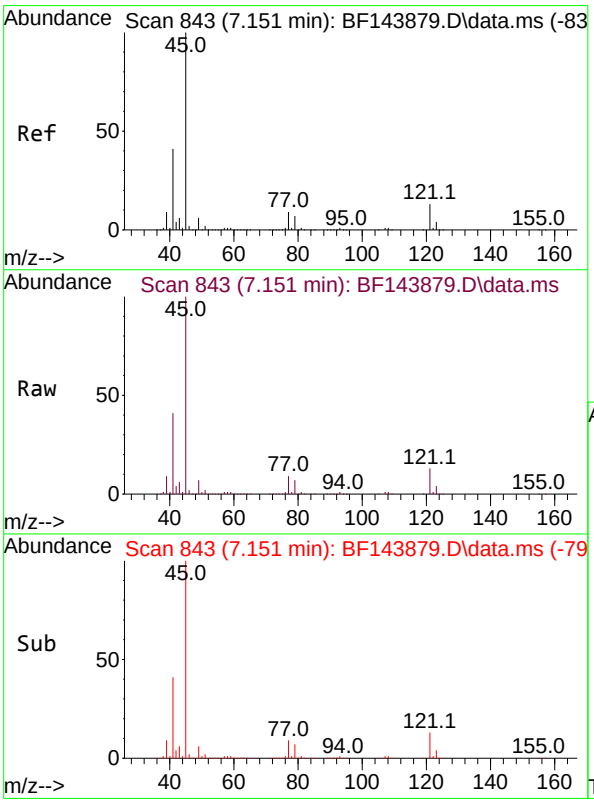
Ion	Ratio	Lower	Upper
79	100		
108	76.0	60.8	91.2
77	63.8	51.0	76.6

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

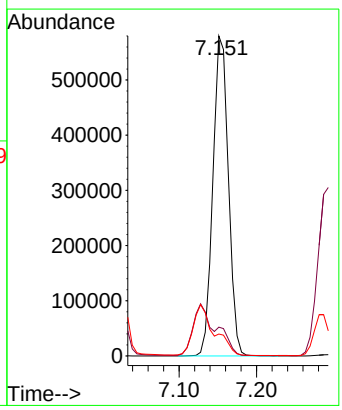


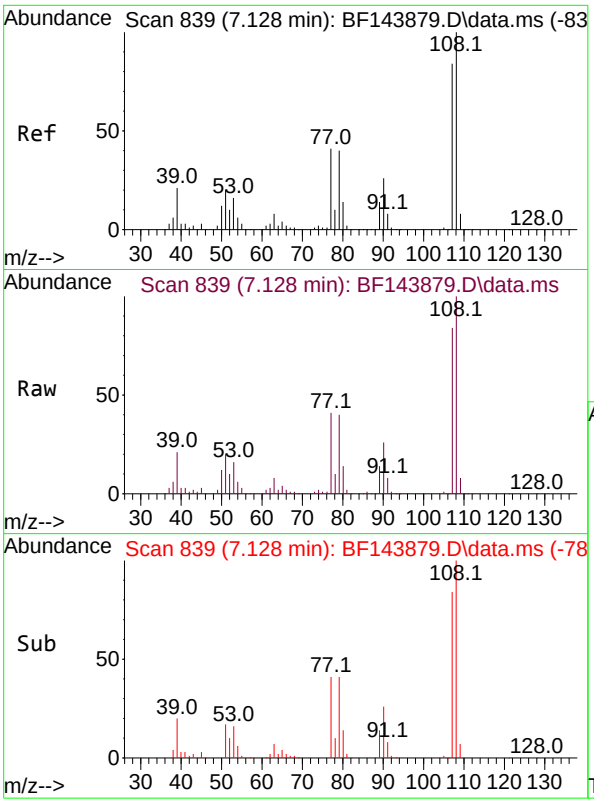


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.052 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

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

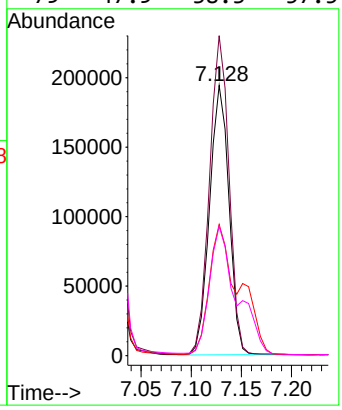




#17
2-Methylphenol
Concen: 41.430 ng
RT: 7.128 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:107 Resp: 26166

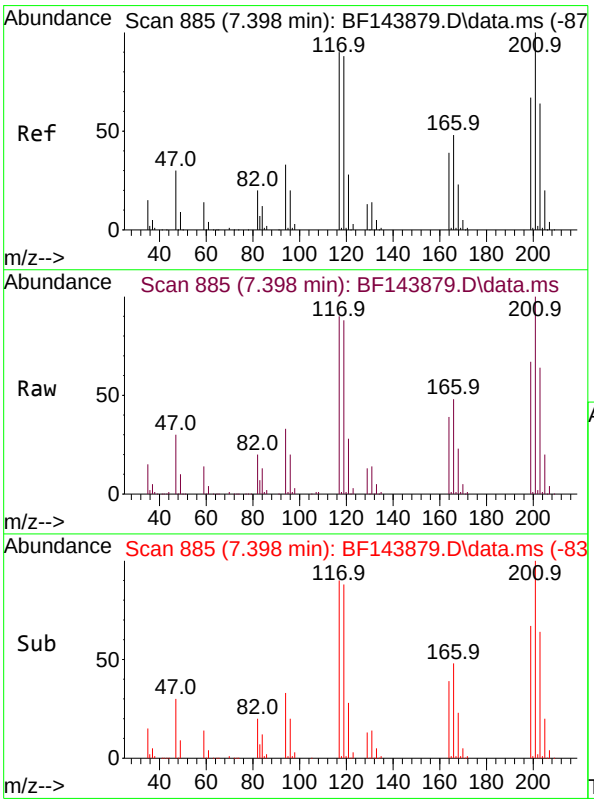
Ion	Ratio	Lower	Upper
107	100		
108	118.4	94.7	142.1
77	48.5	38.8	58.2
79	47.9	38.3	57.5



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

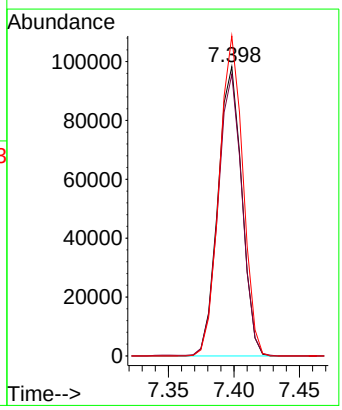
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

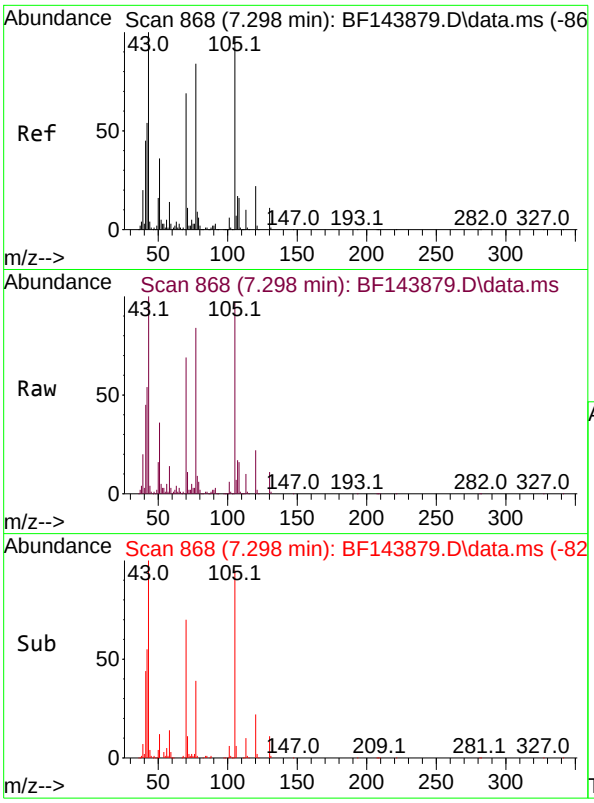


#18
Hexachloroethane
Concen: 41.313 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

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

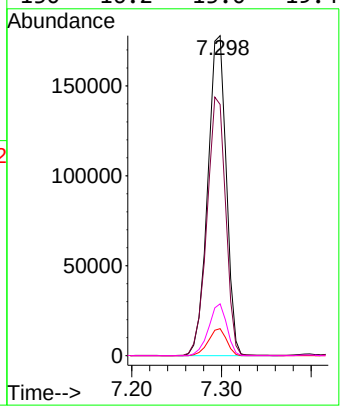




#19
n-Nitroso-di-n-propylamine
Concen: 39.929 ng
RT: 7.298 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

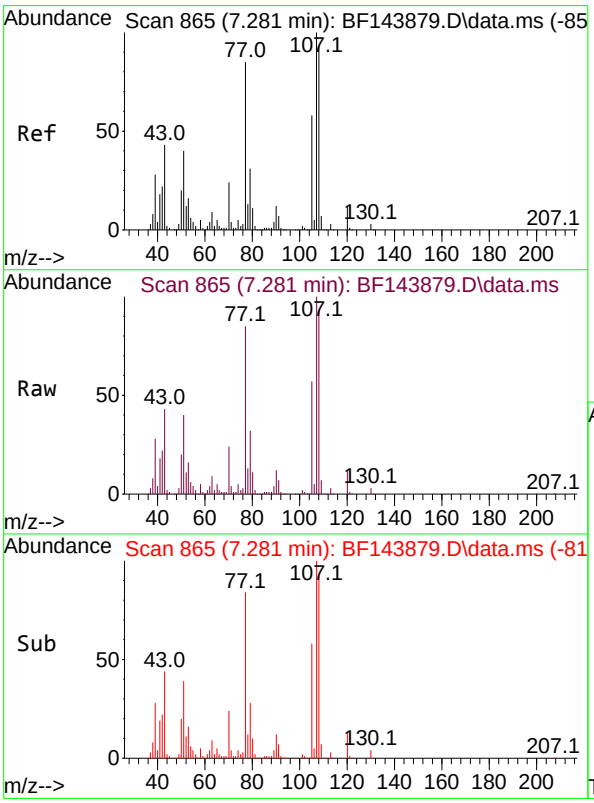
Tgt Ion: 70 Resp: 25470

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



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

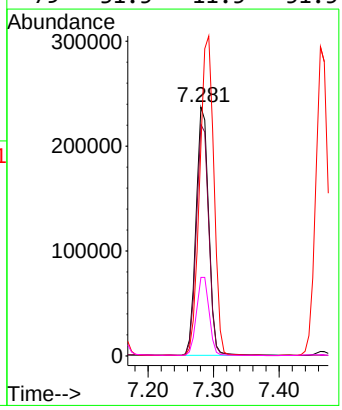
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

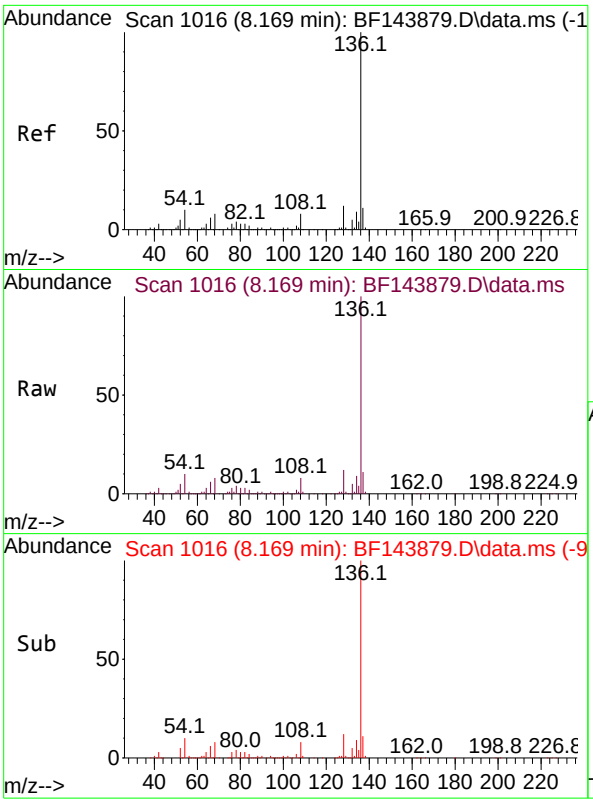


#20
3+4-Methylphenols
Concen: 42.934 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.018 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

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

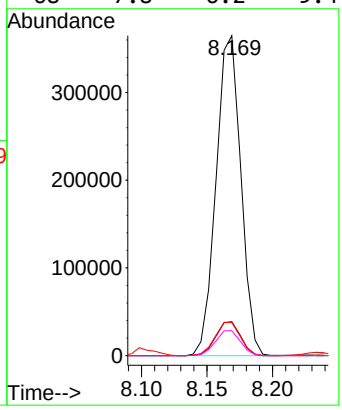




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:136 Resp: 47993

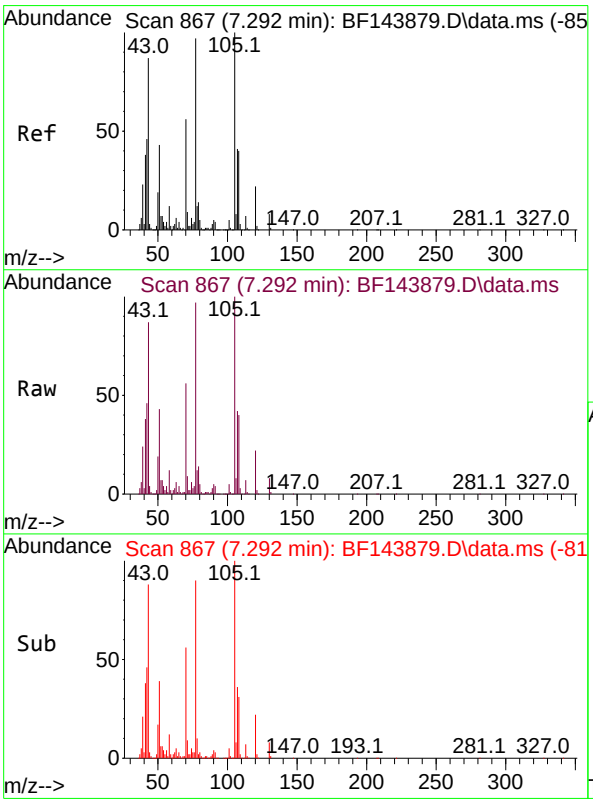
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	10.3	8.2	12.4
68	7.8	6.2	9.4



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

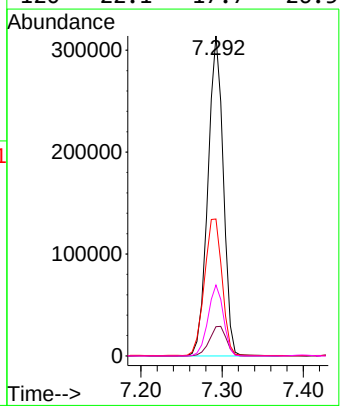
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

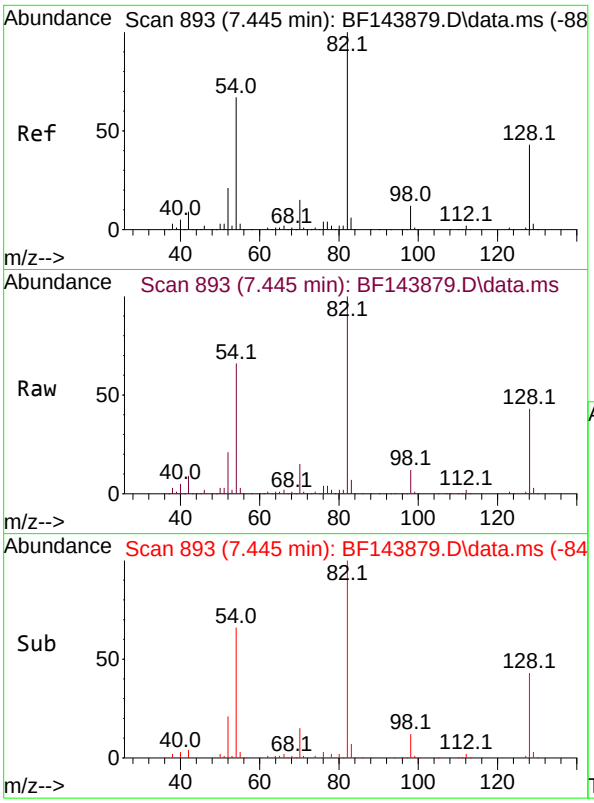


#22
Acetophenone
Concen: 40.946 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

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

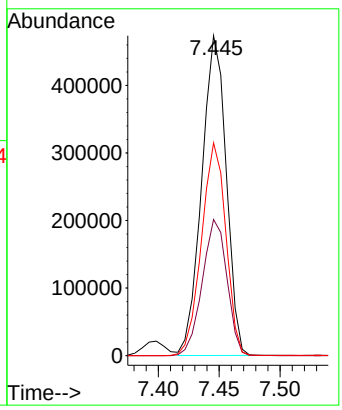




#23
Nitrobenzene-d5
Concen: 83.898 ng
RT: 7.445 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion: 82 Resp: 662754

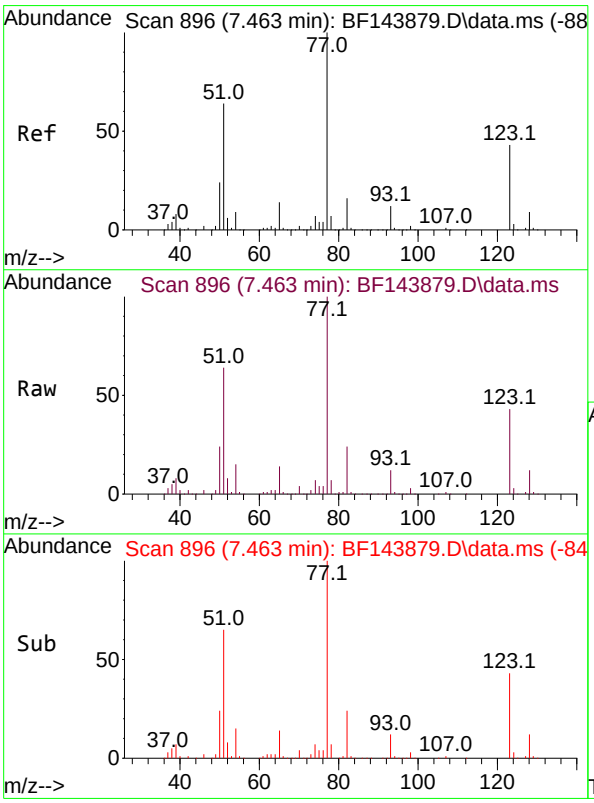
Ion	Ratio	Lower	Upper
82	100		
128	42.5	34.0	51.0
54	66.5	53.2	79.8



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

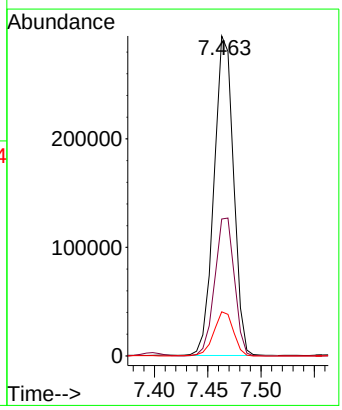
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

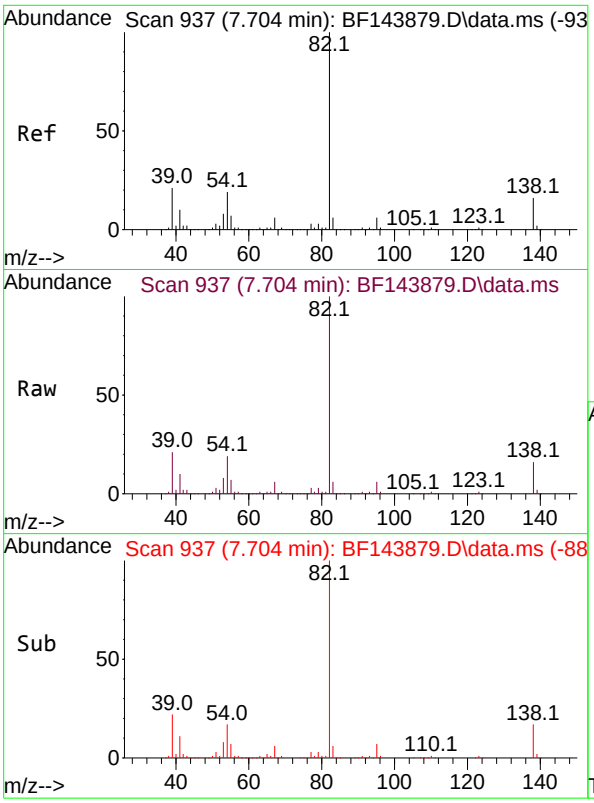


#24
Nitrobenzene
Concen: 42.828 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

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

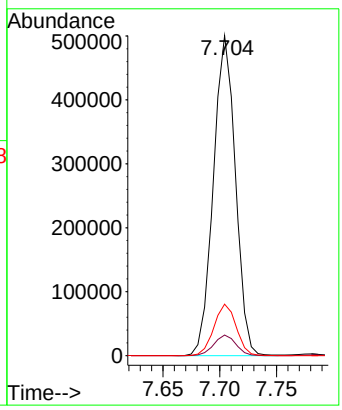




#25
Isophorone
Concen: 40.645 ng
RT: 7.704 min Scan# 9
Delta R.T. -0.018 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion: 82 Resp: 67700

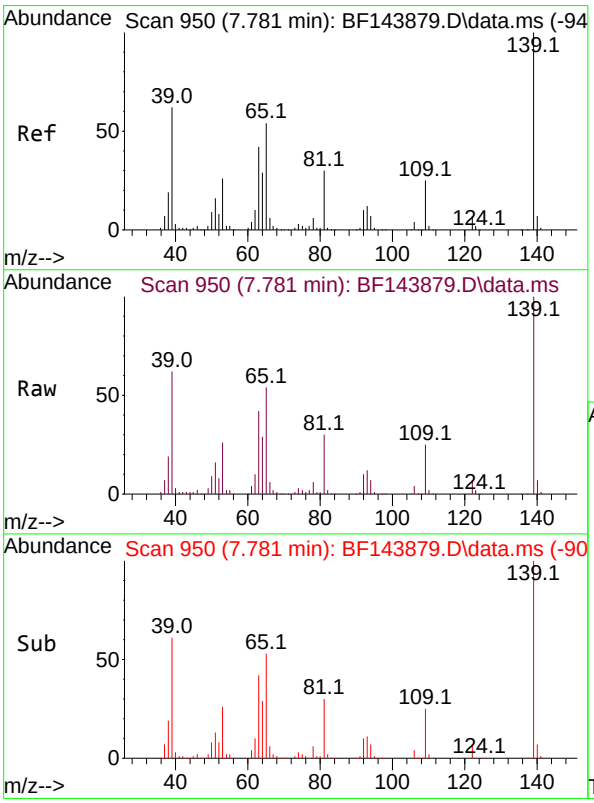
Ion	Ratio	Lower	Upper
82	100		
95	6.4	5.1	7.7
138	16.1	12.9	19.3



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

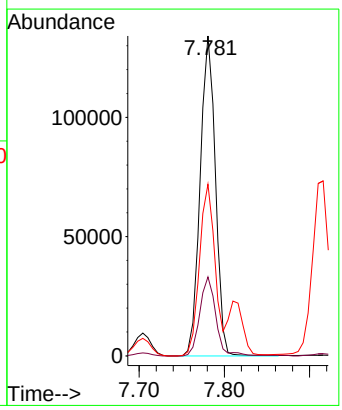
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

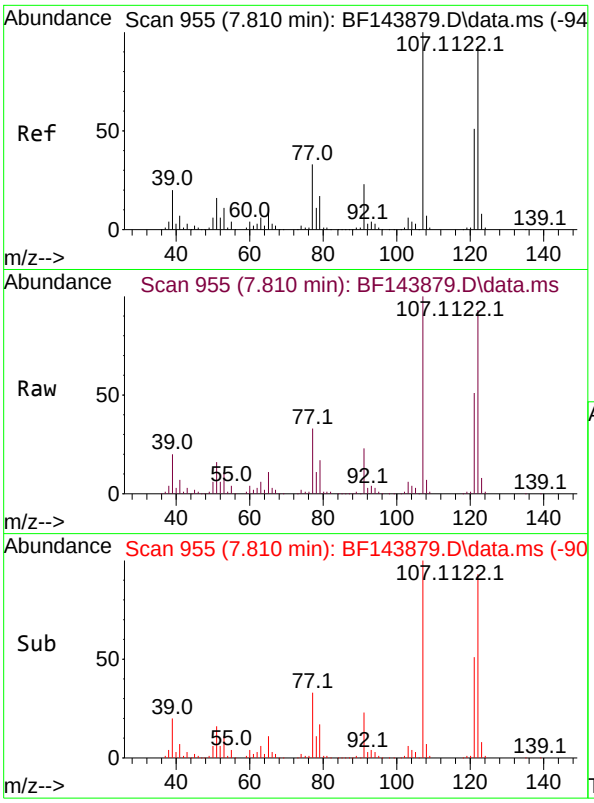


#26
2-Nitrophenol
Concen: 44.428 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

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

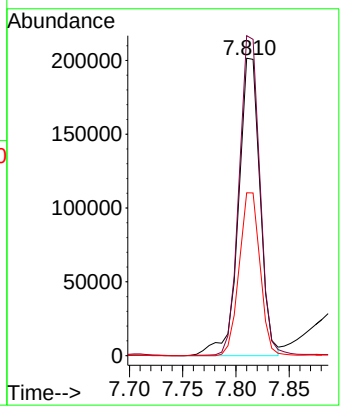




#27
2,4-Dimethylphenol
Concen: 41.818 ng
RT: 7.810 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:122 Resp: 28292

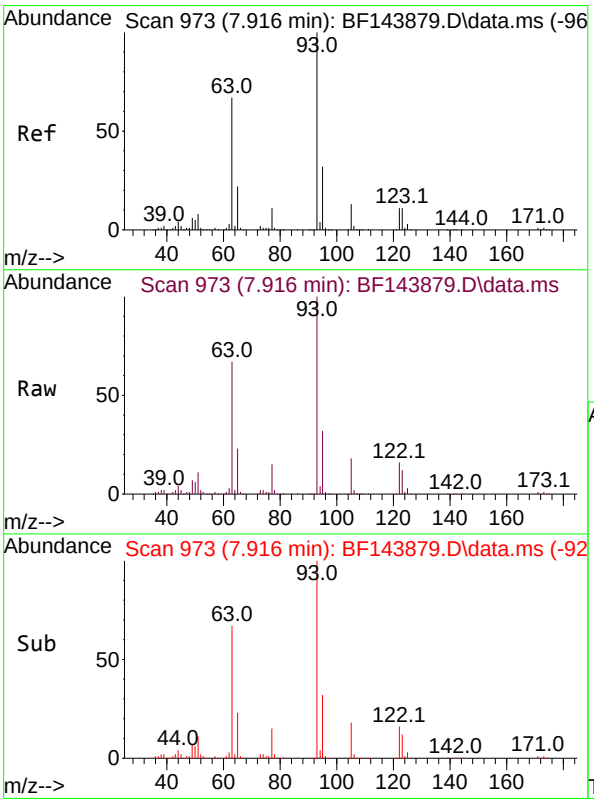
Ion	Ratio	Lower	Upper
122	100		
107	107.6	86.1	129.1
121	54.7	43.8	65.6



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

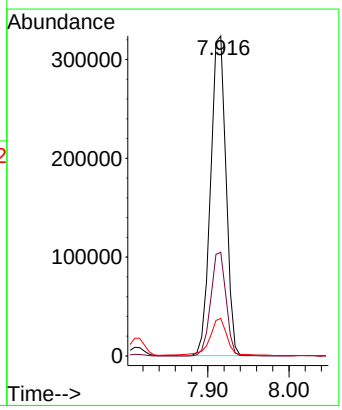
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

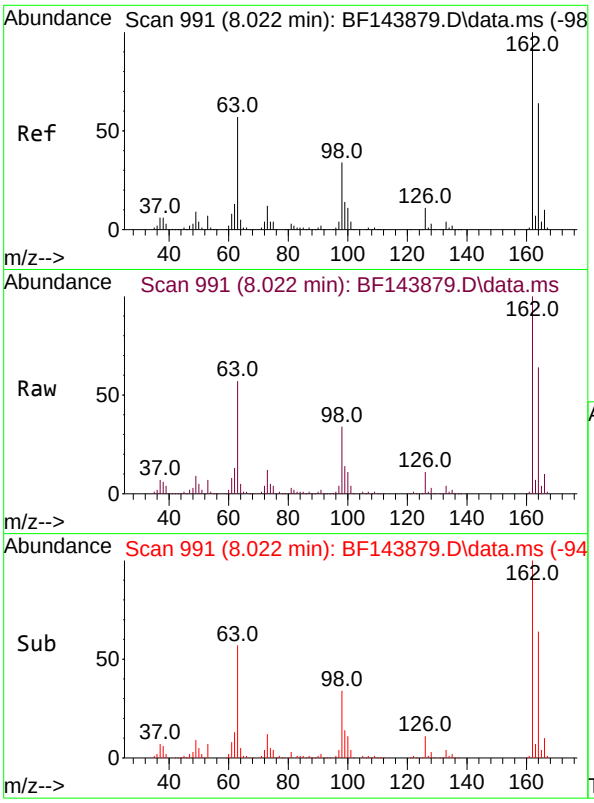


#28
bis(2-Chloroethoxy)methane
Concen: 40.486 ng
RT: 7.916 min Scan# 973
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

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

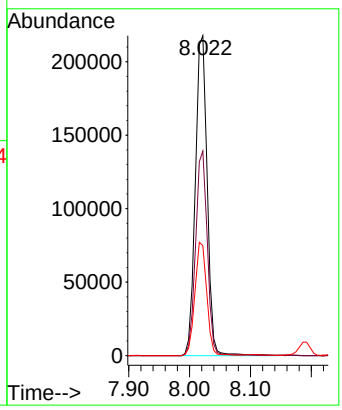




#29
2,4-Dichlorophenol
Concen: 41.782 ng
RT: 8.022 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:162 Resp: 29445

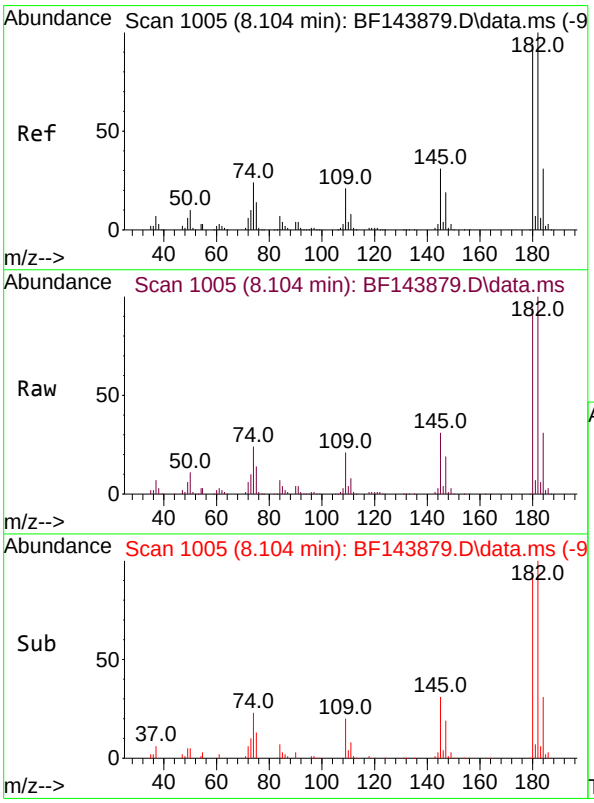
Ion	Ratio	Lower	Upper
162	100		
164	63.9	43.9	83.9
98	34.4	14.4	54.4



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

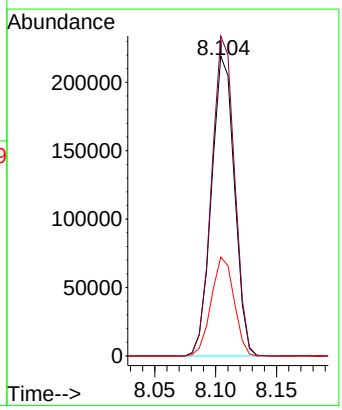
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

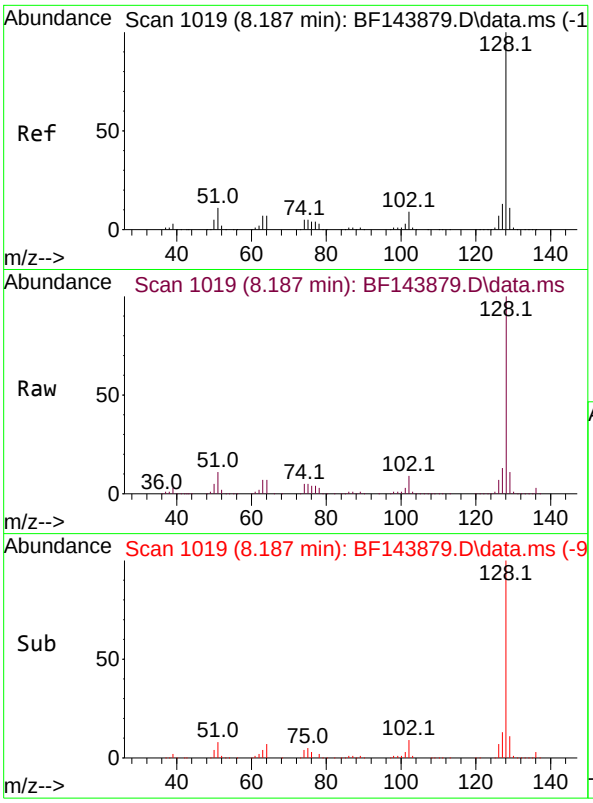


#30
1,2,4-Trichlorobenzene
Concen: 41.312 ng
RT: 8.104 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

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

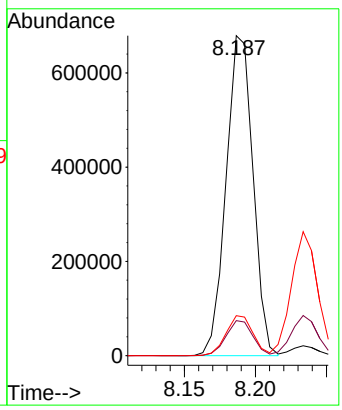




#31
Naphthalene
Concen: 40.961 ng
RT: 8.187 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:128 Resp: 89426

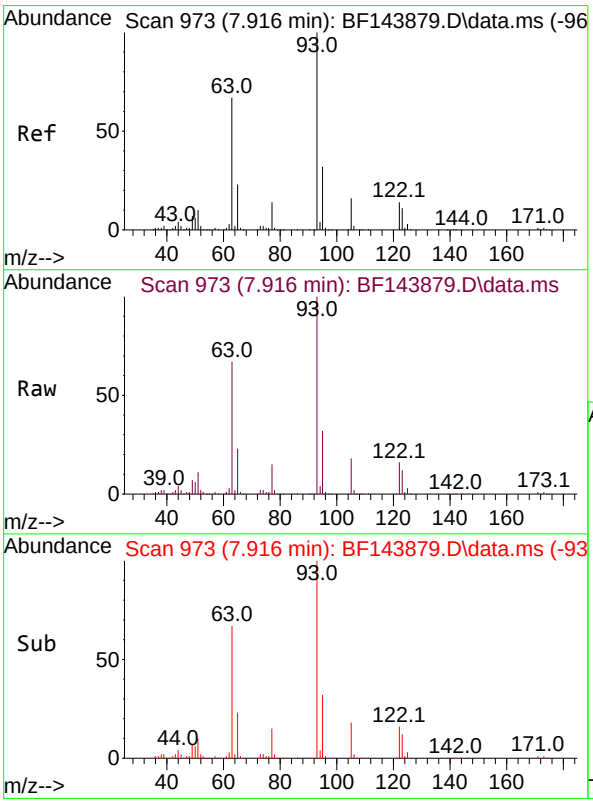
Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	12.5	10.0	15.0



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

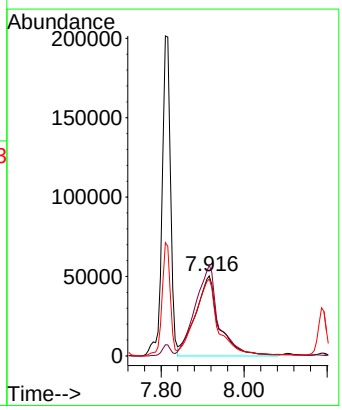
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

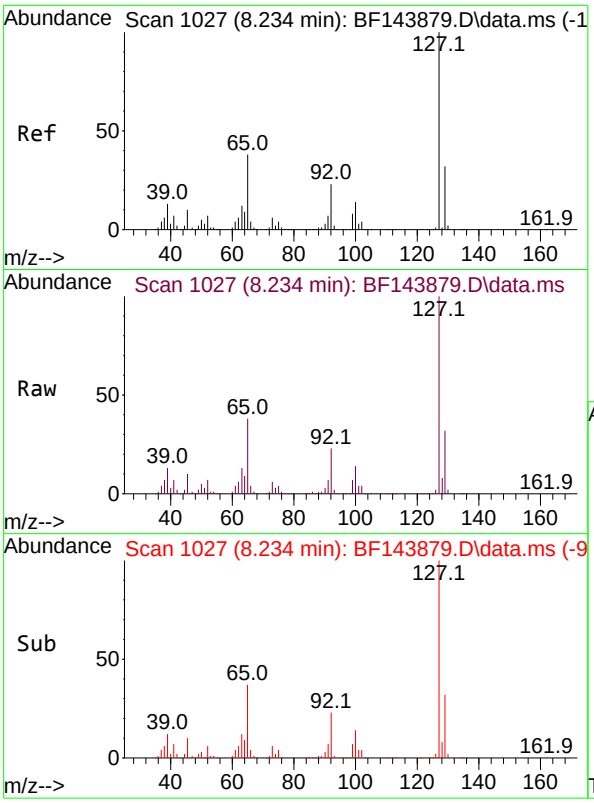


#32
Benzoic acid
Concen: 42.630 ng m
RT: 7.916 min Scan# 973
Delta R.T. -0.047 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:122 Resp: 199609

Ion	Ratio	Lower	Upper
122	100		
105	113.5	93.5	133.5
77	96.3	76.3	116.3

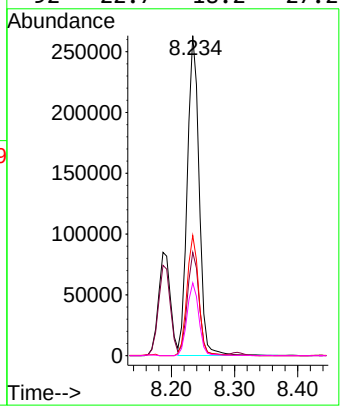




#33
4-Chloroaniline
Concen: 41.630 ng
RT: 8.234 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:127 Resp: 34086

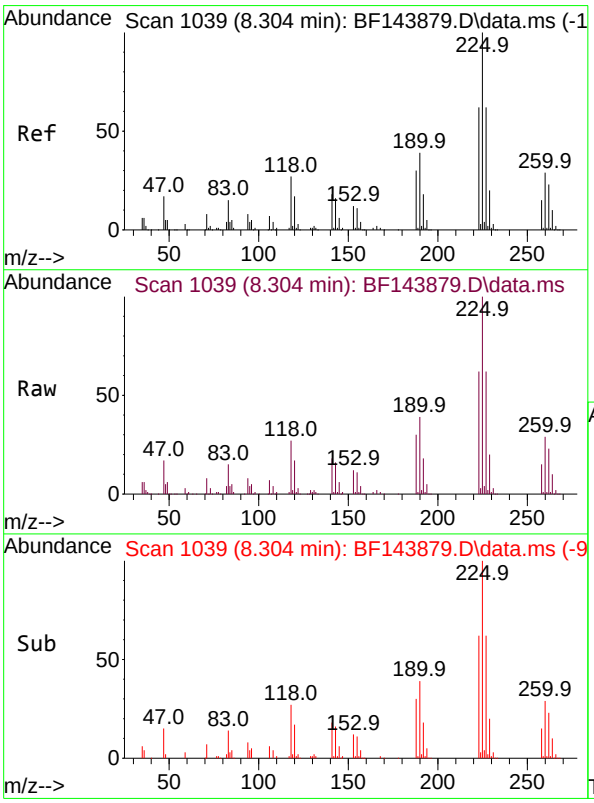
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.8	38.8
65	37.5	30.0	45.0
92	22.7	18.2	27.2



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

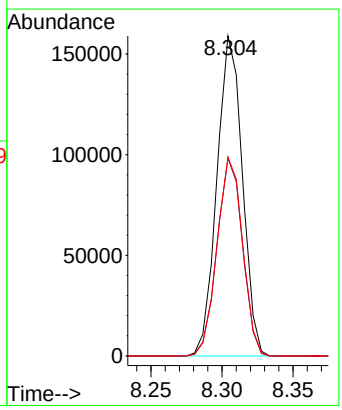
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

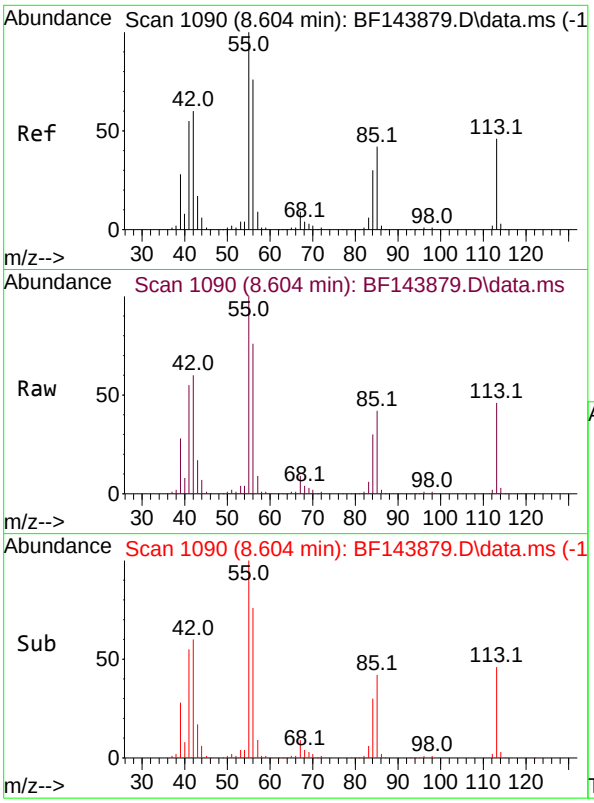


#34
Hexachlorobutadiene
Concen: 41.170 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

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

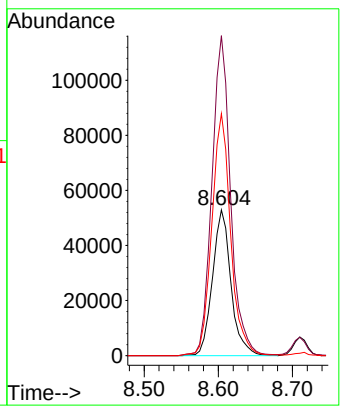




#35
Caprolactam
Concen: 40.816 ng
RT: 8.604 min Scan# 10
Delta R.T. -0.041 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:113 Resp: 9145

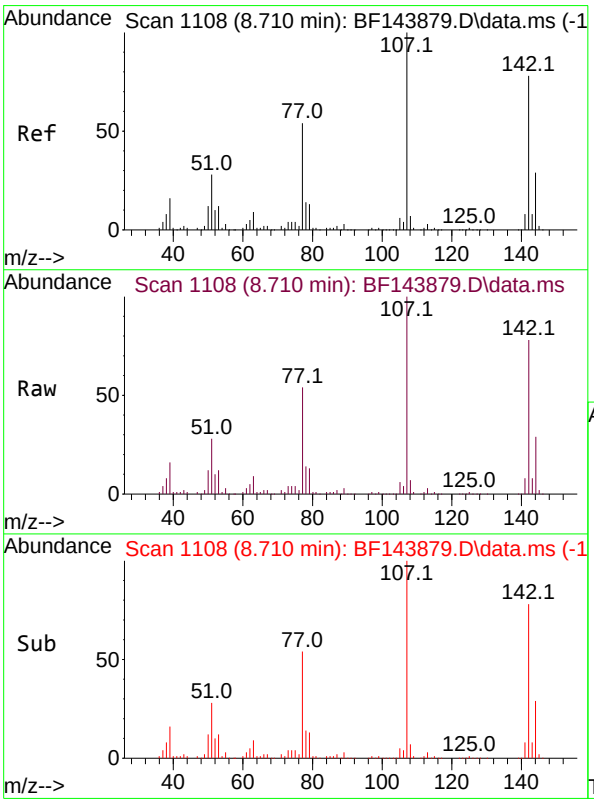
Ion	Ratio	Lower	Upper
113	100		
55	219.6	199.6	239.6
56	166.0	146.0	186.0



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

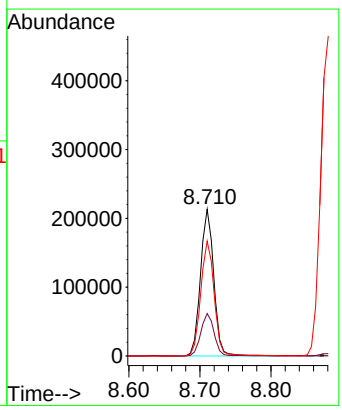
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

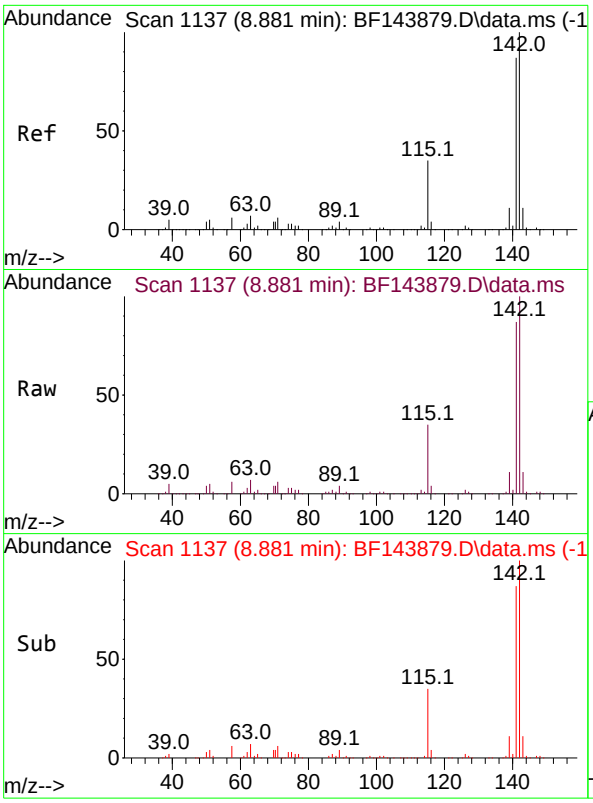


#36
4-Chloro-3-methylphenol
Concen: 40.758 ng
RT: 8.710 min Scan# 1108
Delta R.T. -0.012 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

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

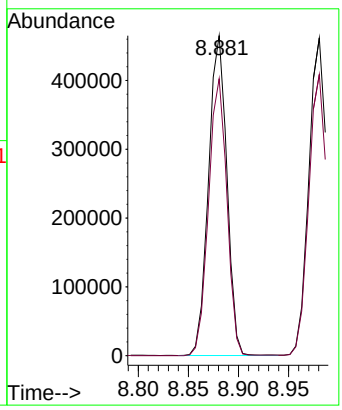




#37
2-Methylnaphthalene
Concen: 40.669 ng
RT: 8.881 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:142 Resp: 59142

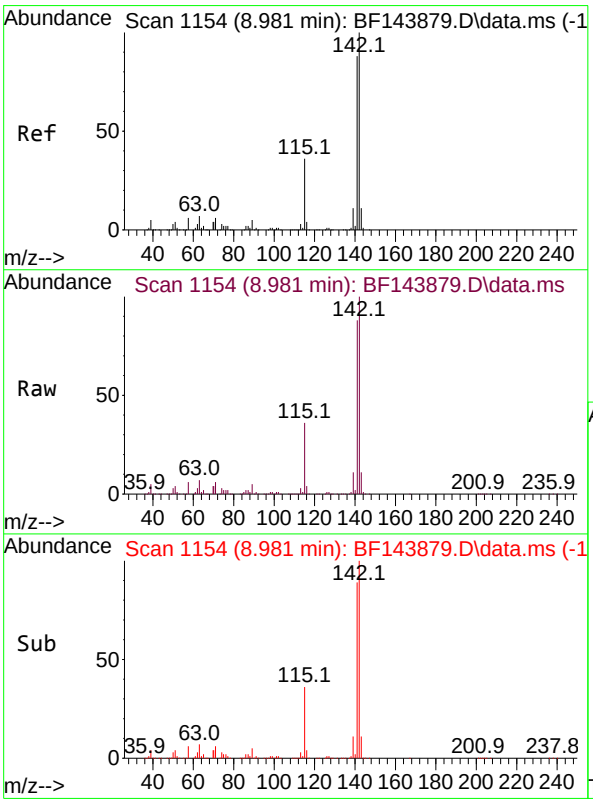
Ion	Ratio	Lower	Upper
142	100		
141	86.5	69.2	103.8



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

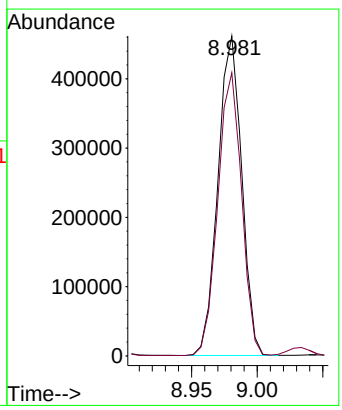
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

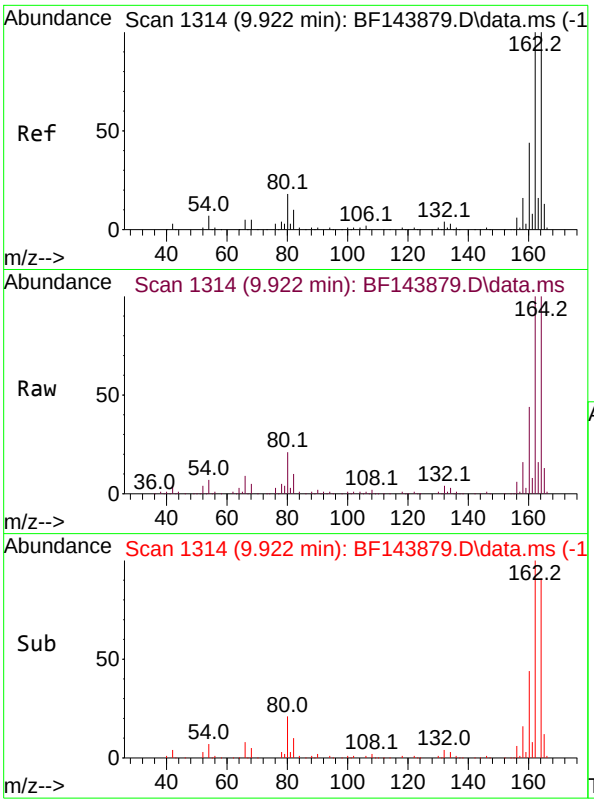


#38
1-Methylnaphthalene
Concen: 41.196 ng
RT: 8.981 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:142 Resp: 581114

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.8	106.2

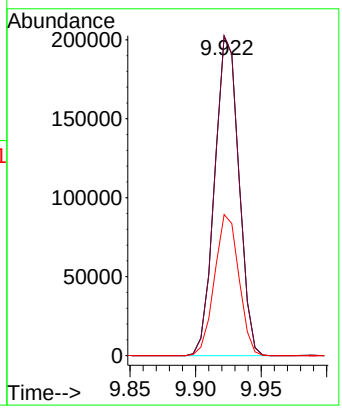




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1
Delta R.T. -0.005 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:164 Resp: 26002

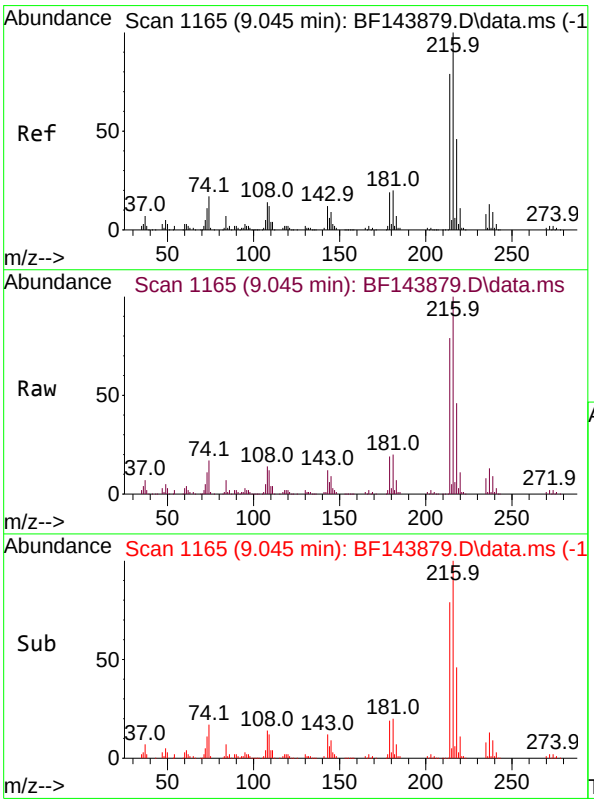
Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.2	120.2
160	44.2	35.4	53.0



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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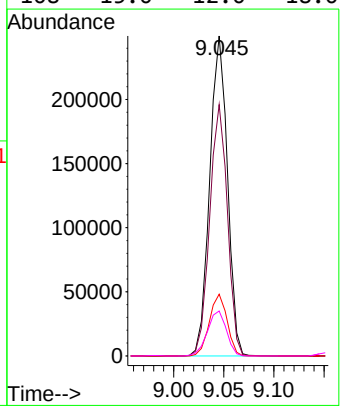
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

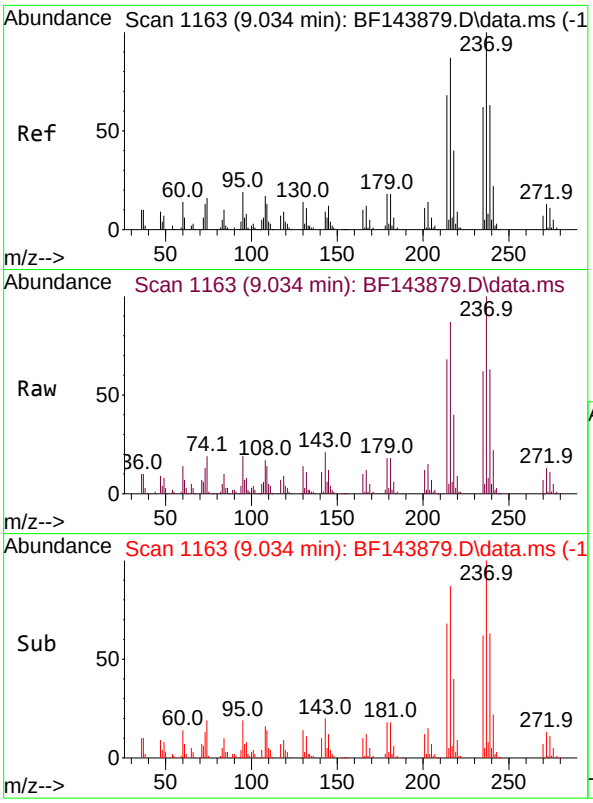


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.665 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

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

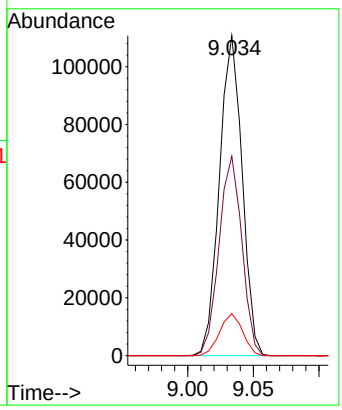




#41
Hexachlorocyclopentadiene
Concen: 44.842 ng
RT: 9.034 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:237 Resp: 133694

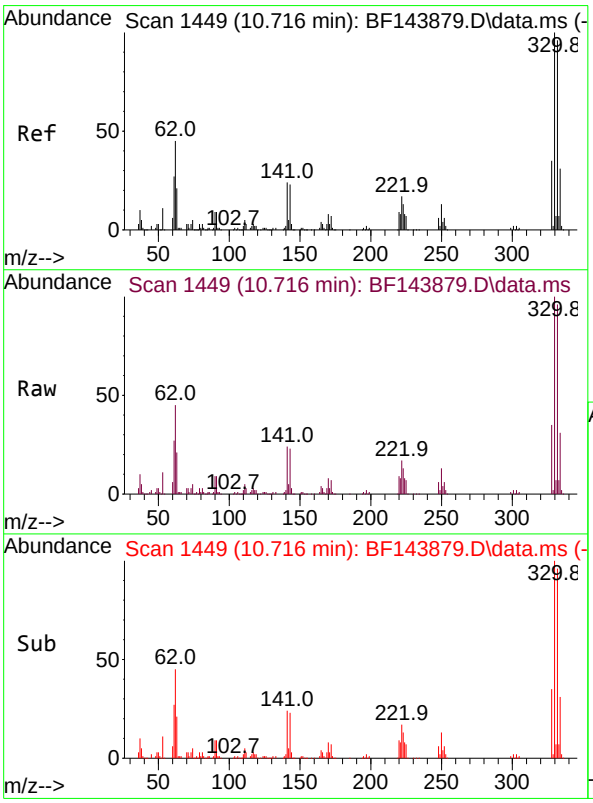
Ion	Ratio	Lower	Upper
237	100		
235	62.3	42.3	82.3
272	13.1	0.0	33.1



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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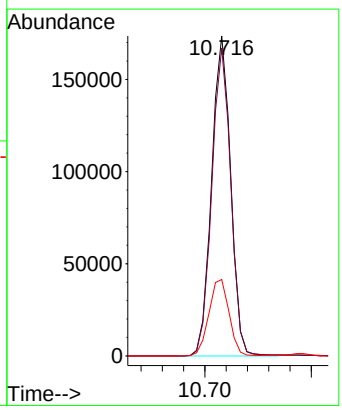
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

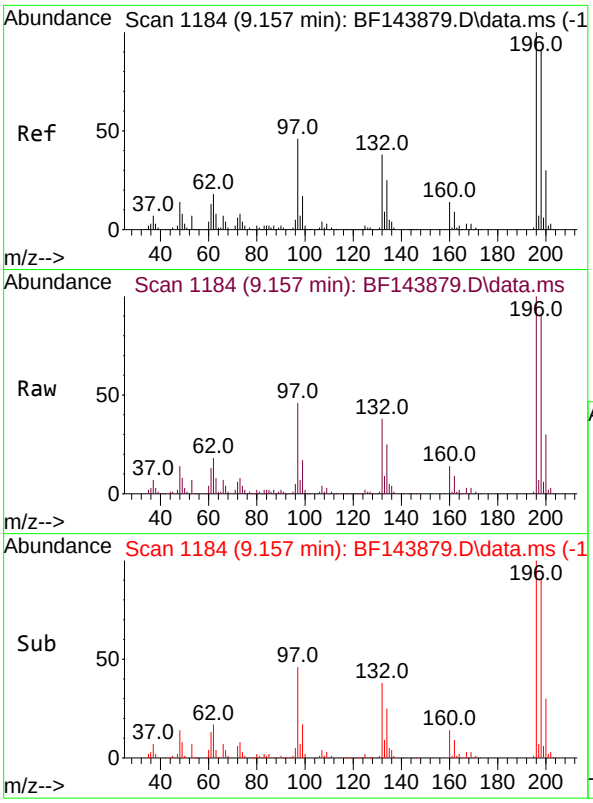


#42
2,4,6-Tribromophenol
Concen: 83.200 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

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

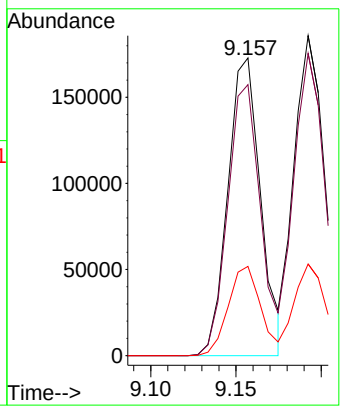




#43
2,4,6-Trichlorophenol
Concen: 44.081 ng
RT: 9.157 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:196 Resp: 23146

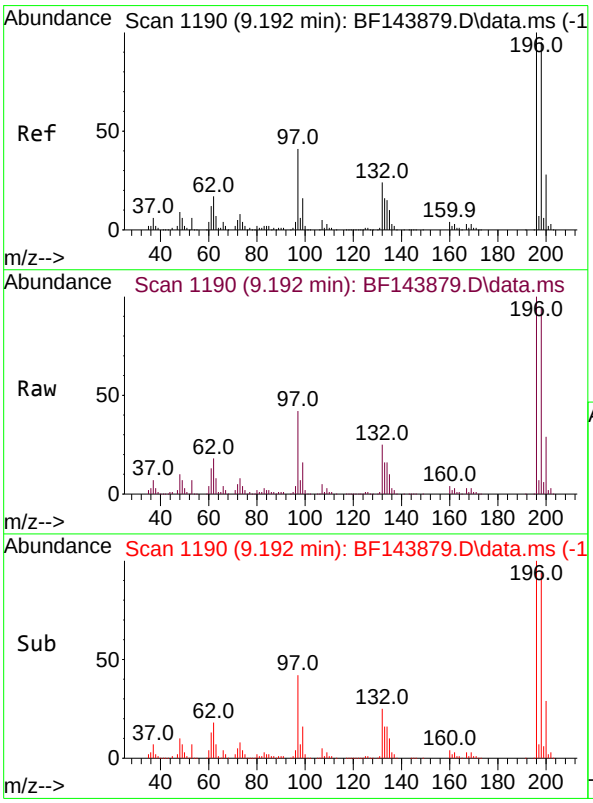
Ion	Ratio	Lower	Upper
196	100		
198	91.0	72.8	109.2
200	30.0	24.0	36.0



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

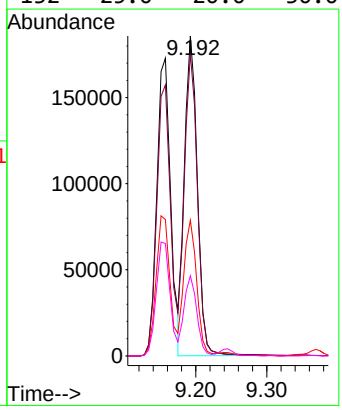
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

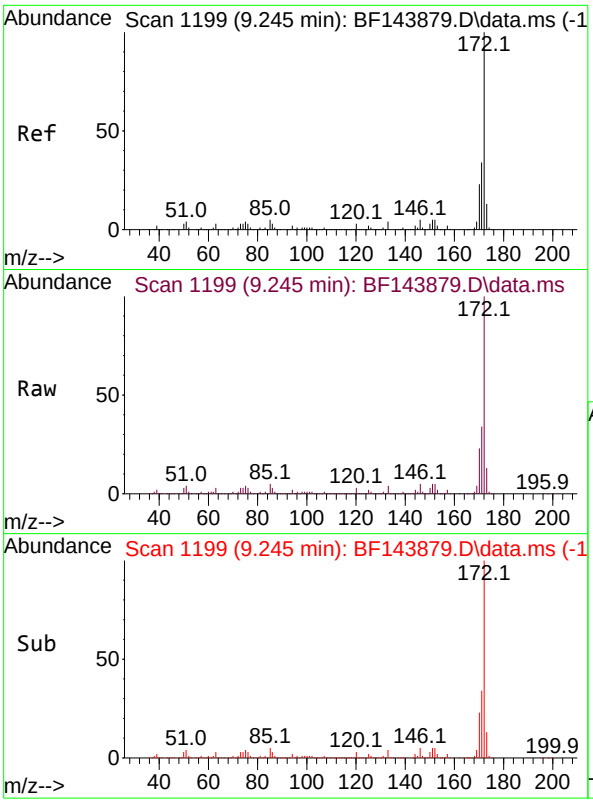


#44
2,4,5-Trichlorophenol
Concen: 42.739 ng
RT: 9.192 min Scan# 1190
Delta R.T. -0.012 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

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

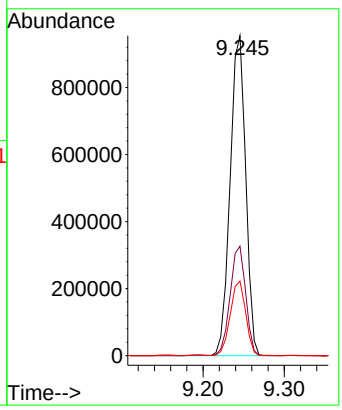




#45
2-Fluorobiphenyl
Concen: 77.695 ng
RT: 9.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:172 Resp: 127321

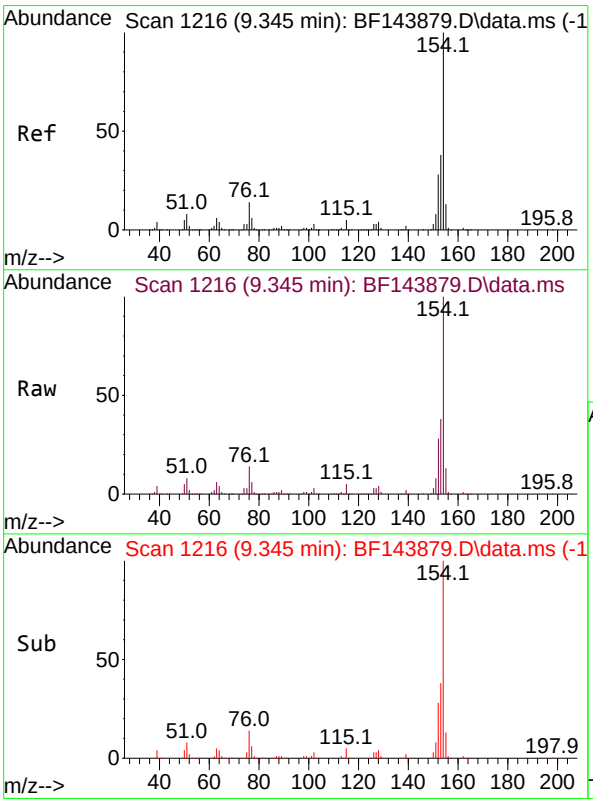
Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.4	41.0
170	23.3	18.6	28.0



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

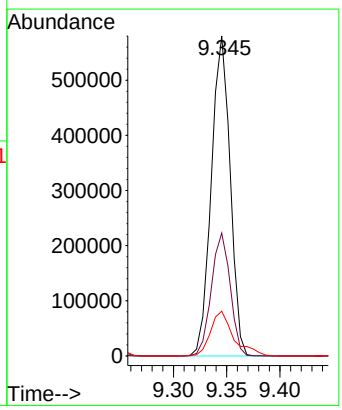
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

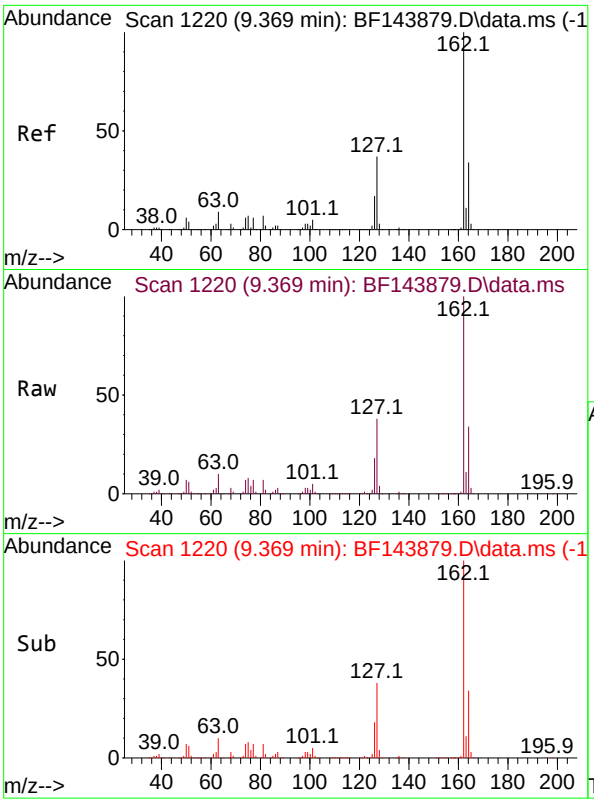


#46
1,1'-Biphenyl
Concen: 41.490 ng
RT: 9.345 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

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

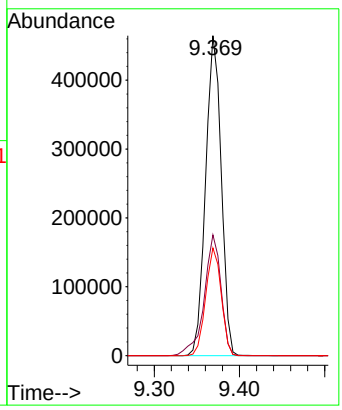




#47
2-Chloronaphthalene
Concen: 41.204 ng
RT: 9.369 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:162 Resp: 59144

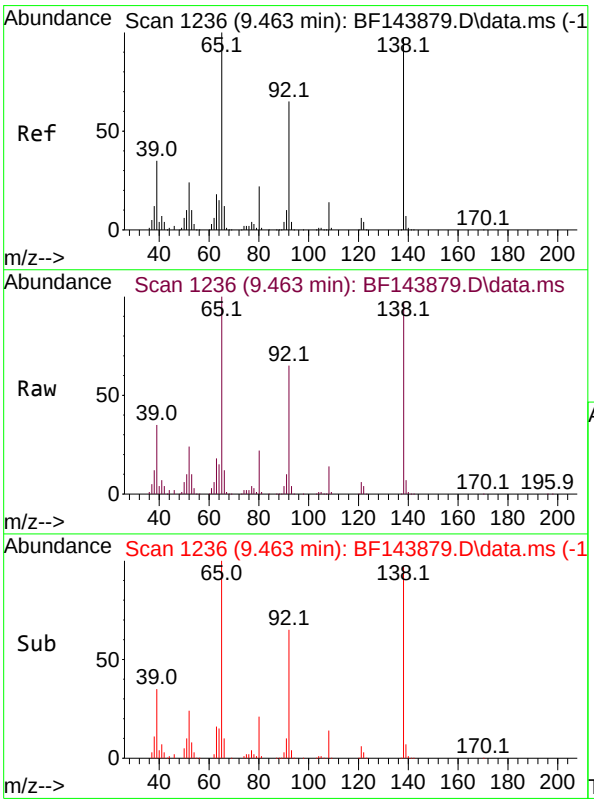
Ion	Ratio	Lower	Upper
162	100		
127	37.7	30.2	45.2
164	33.6	26.9	40.3



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

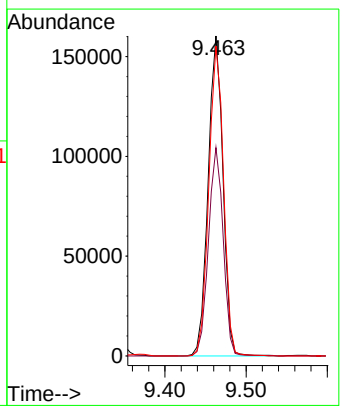
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

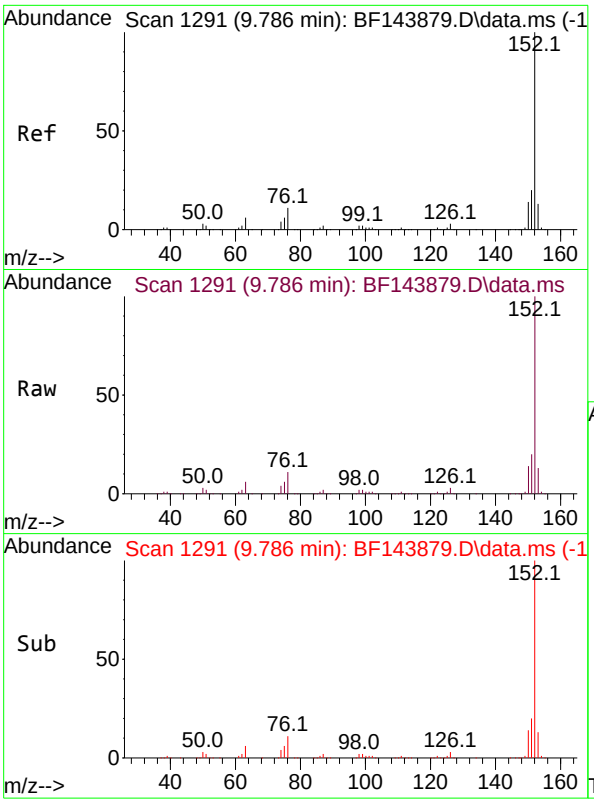


#48
2-Nitroaniline
Concen: 44.894 ng
RT: 9.463 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

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

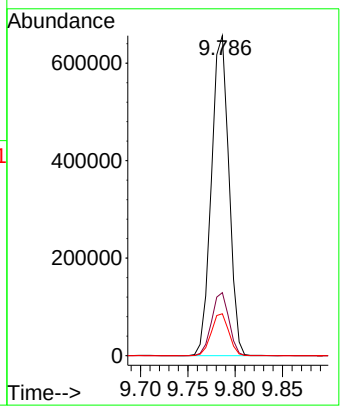




#49
Acenaphthylene
Concen: 41.828 ng
RT: 9.786 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:152 Resp: 84406

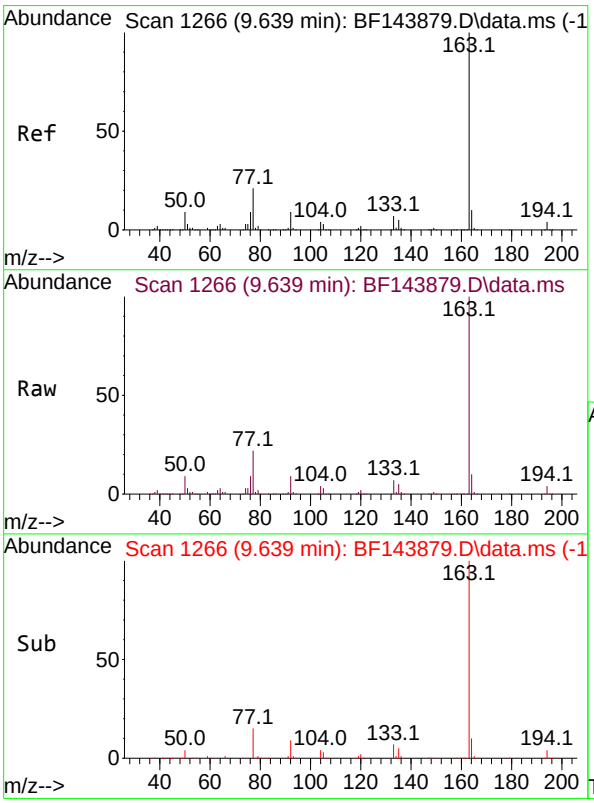
Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	13.1	10.5	15.7



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

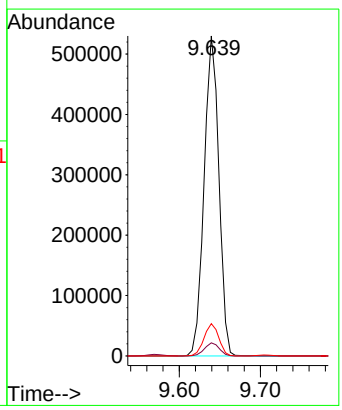
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

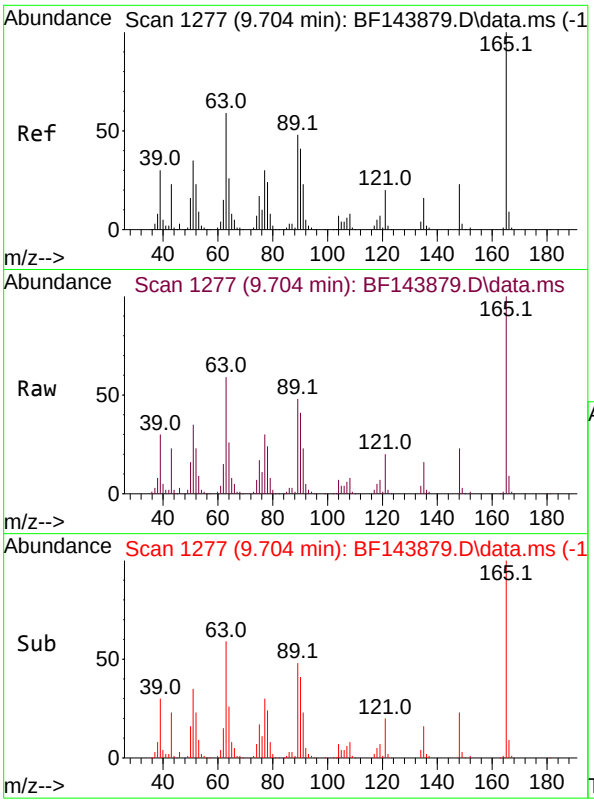


#50
Dimethylphthalate
Concen: 40.653 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

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

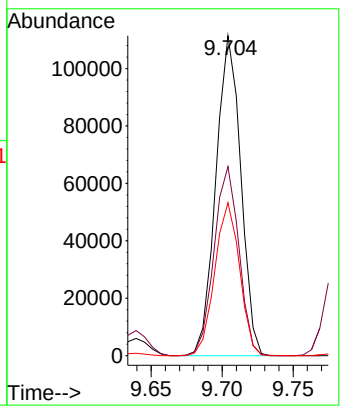
Tgt Ion:165 Resp: 13619

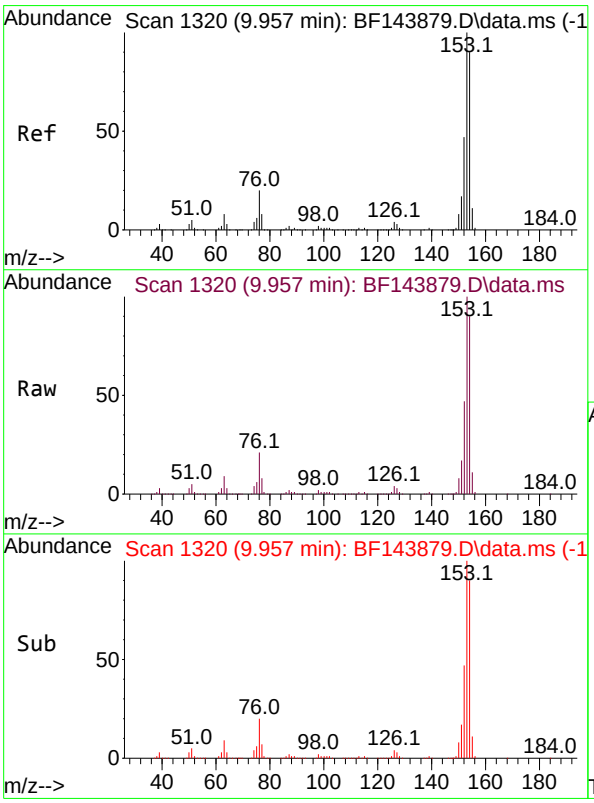
Ion	Ratio	Lower	Upper
165	100		
63	59.1	47.3	70.9
89	47.8	38.2	57.4

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

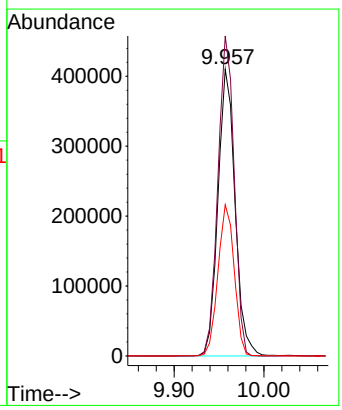


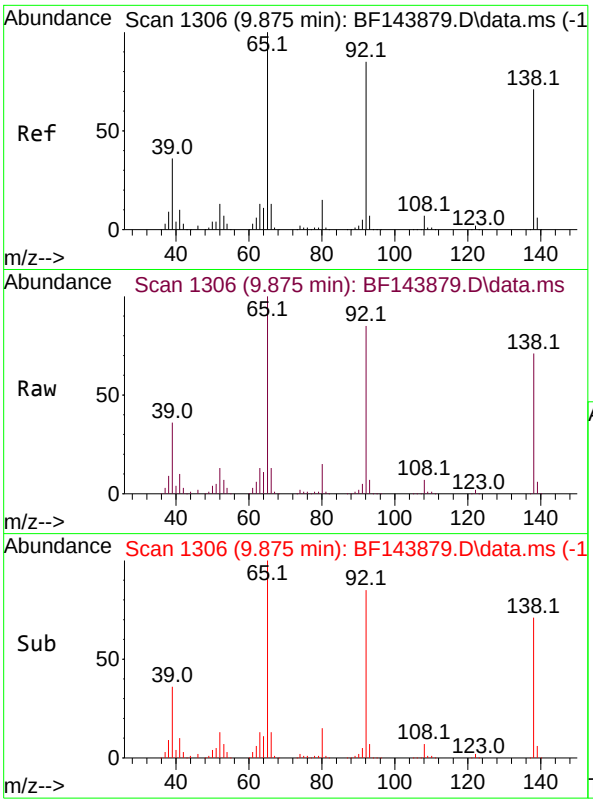


#52
Acenaphthene
Concen: 41.390 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

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

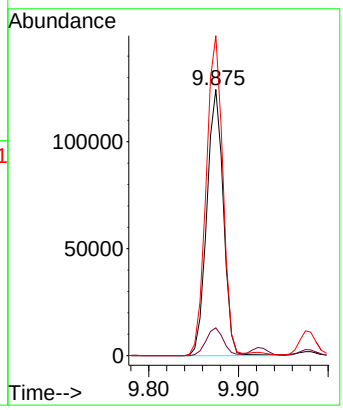
Tgt Ion:138 Resp: 15936

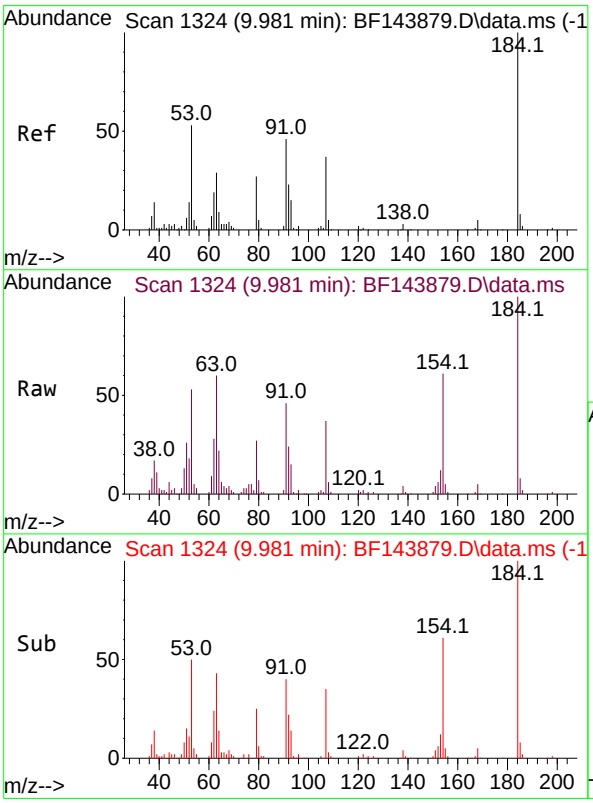
Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.3	12.5
92	120.2	96.2	144.2

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

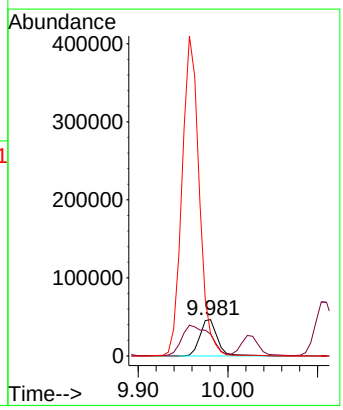


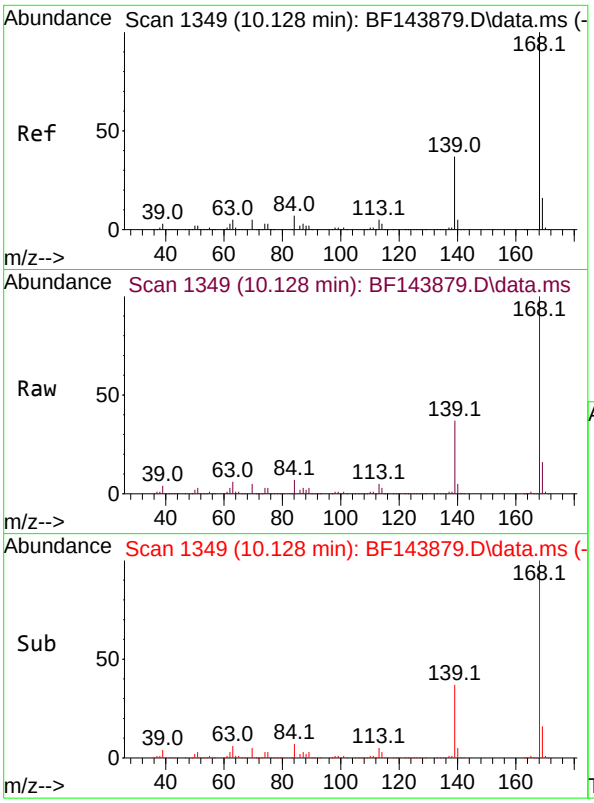


#54
2,4-Dinitrophenol
Concen: 37.010 ng
RT: 9.981 min Scan# 1324
Delta R.T. -0.005 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

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

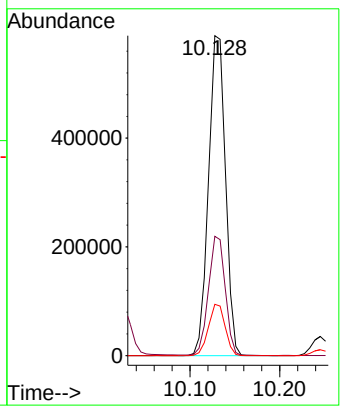




#55
Dibenzofuran
Concen: 41.625 ng
RT: 10.128 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:168 Resp: 77695

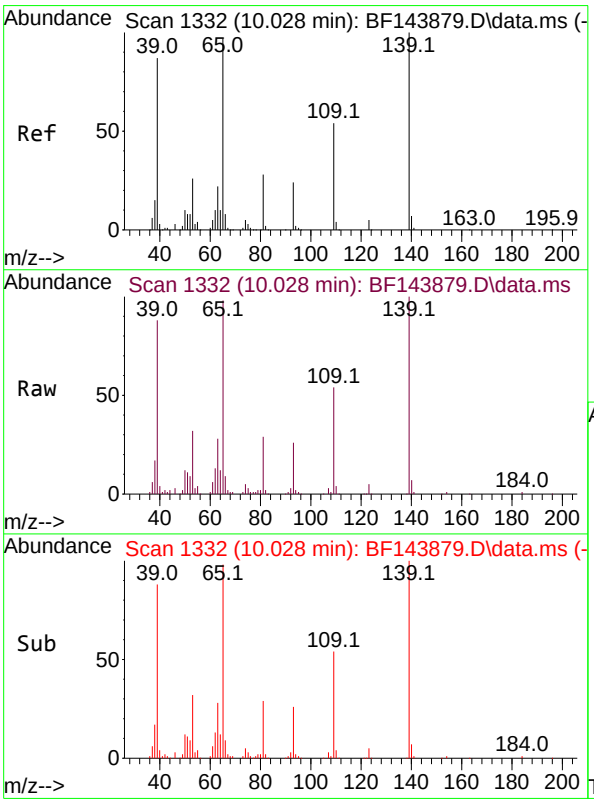
Ion	Ratio	Lower	Upper
168	100		
139	37.3	29.8	44.8
169	16.0	12.8	19.2



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

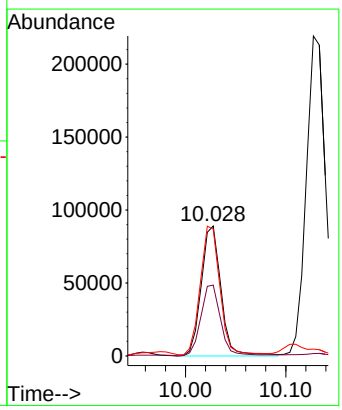
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

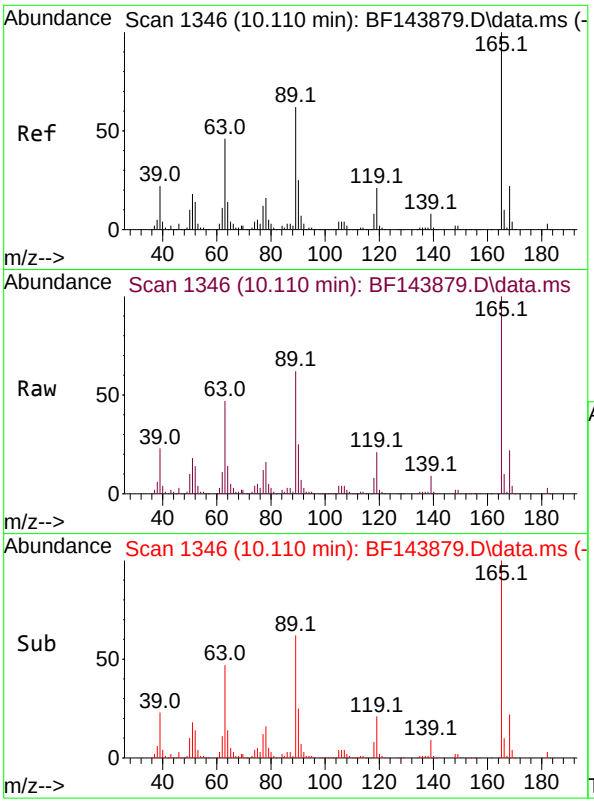


#56
4-Nitrophenol
Concen: 42.807 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.011 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

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

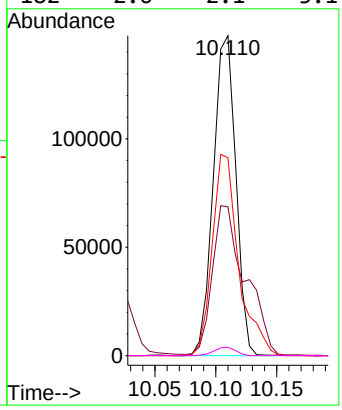




#57
2,4-Dinitrotoluene
Concen: 45.597 ng
RT: 10.110 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:165 Resp: 18996

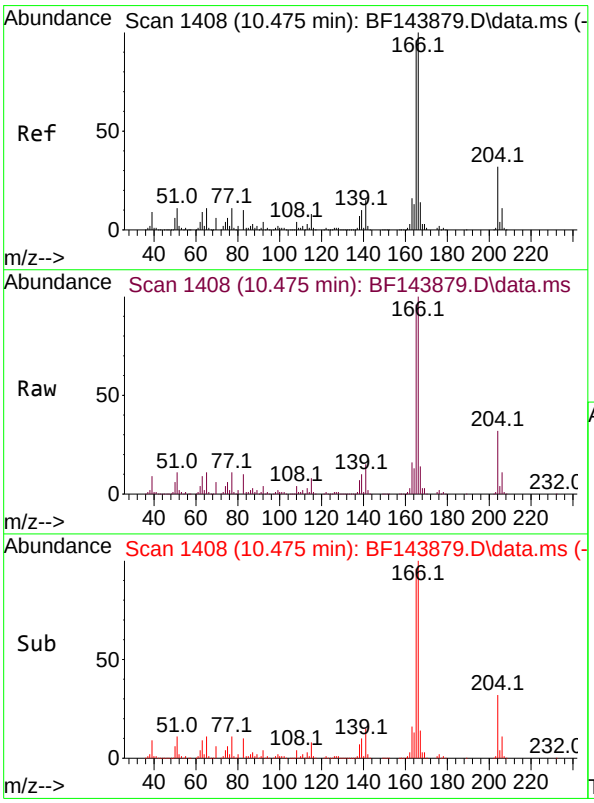
Ion	Ratio	Lower	Upper
165	100		
63	46.5	37.2	55.8
89	61.8	49.4	74.2
182	2.6	2.1	3.1



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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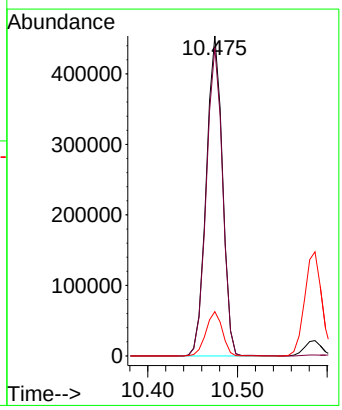
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

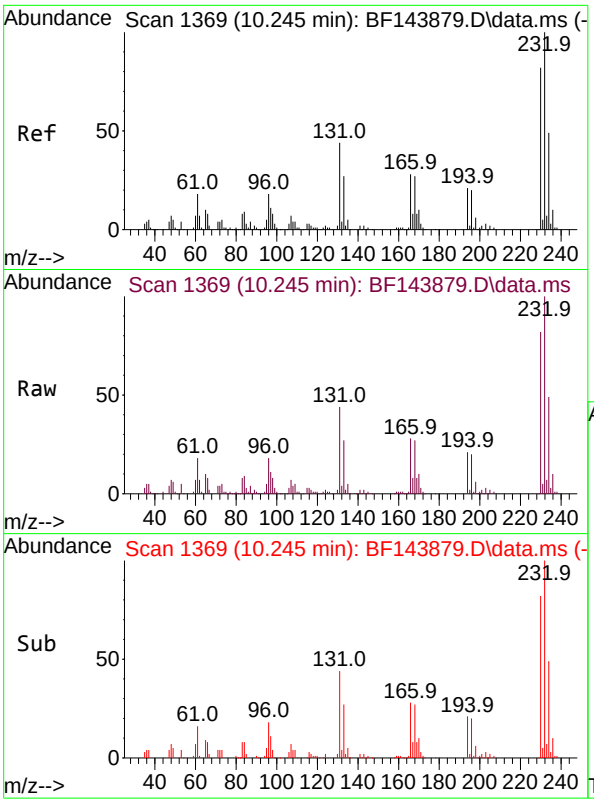


#58
Fluorene
Concen: 40.506 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

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

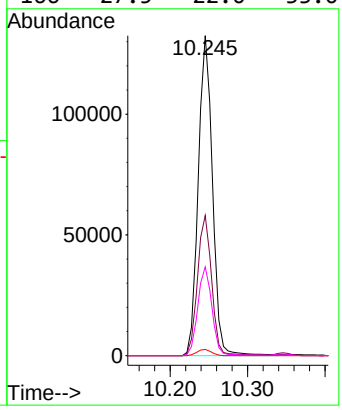




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.006 ng
RT: 10.245 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:232 Resp: 16893

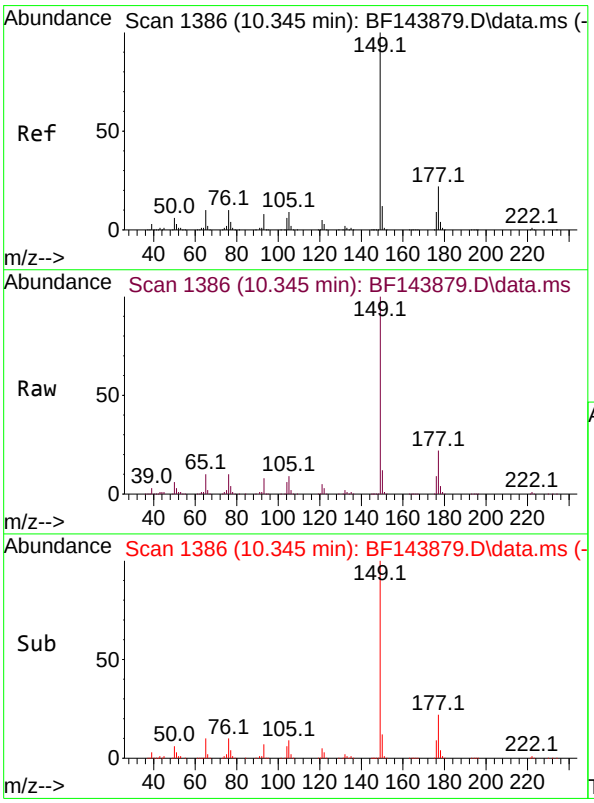
Ion	Ratio	Lower	Upper
232	100		
131	43.6	34.9	52.3
130	2.0	1.6	2.4
166	27.5	22.0	33.0



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

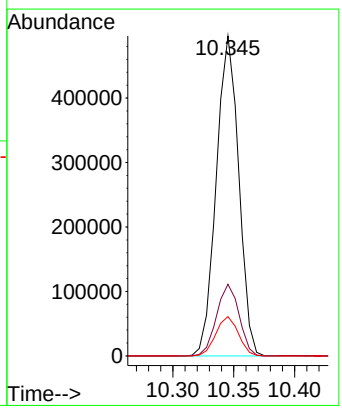
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

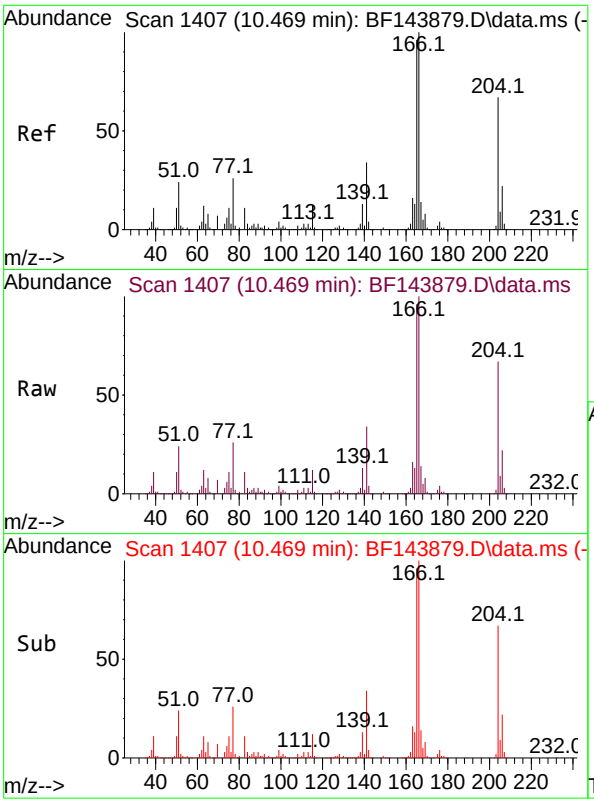


#60
Diethylphthalate
Concen: 41.422 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

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

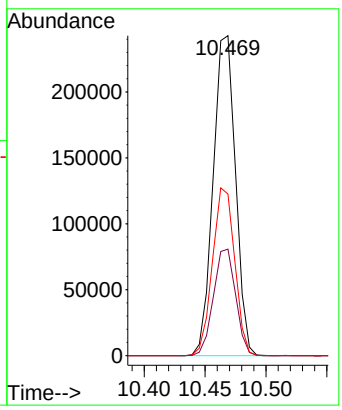




#61
4-Chlorophenyl-phenylether
Concen: 41.632 ng
RT: 10.469 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:204 Resp: 31000

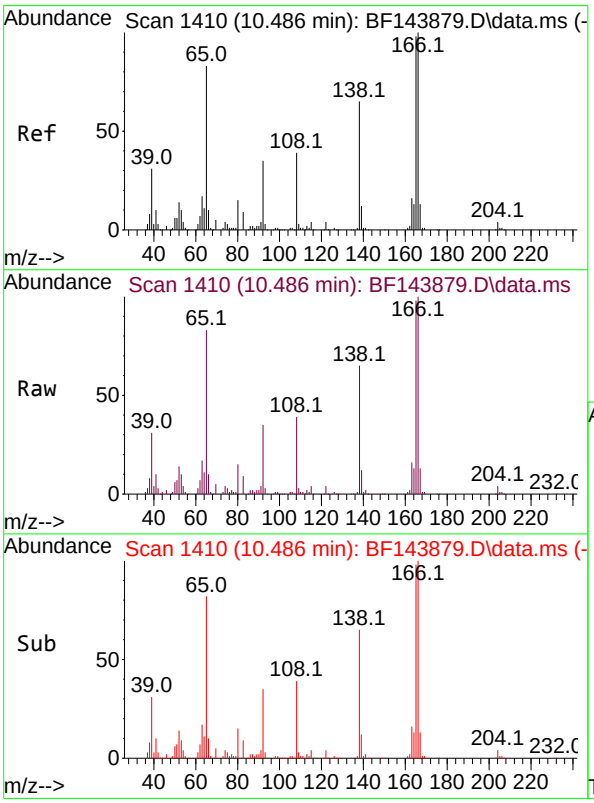
Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.6	40.0
141	50.5	40.4	60.6



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

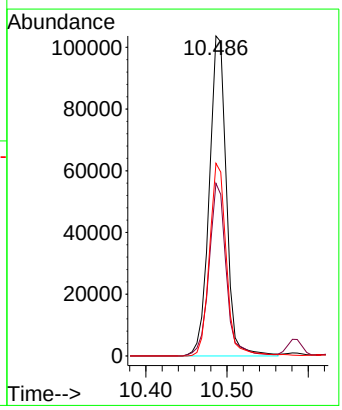
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

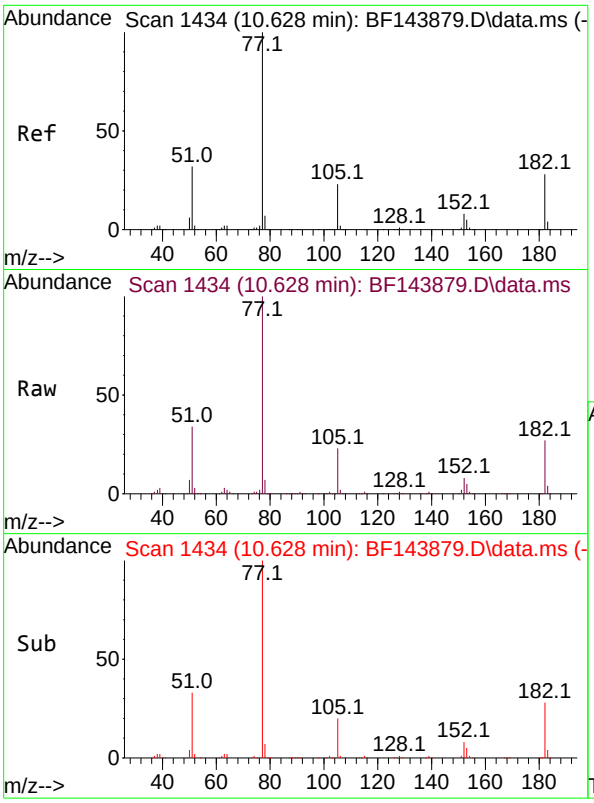


#62
4-Nitroaniline
Concen: 42.123 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.023 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

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

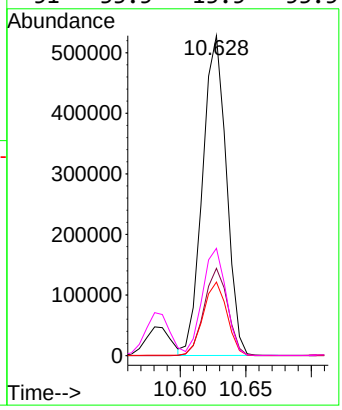




#63
Azobenzene
Concen: 41.521 ng
RT: 10.628 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion: 77 Resp: 66569

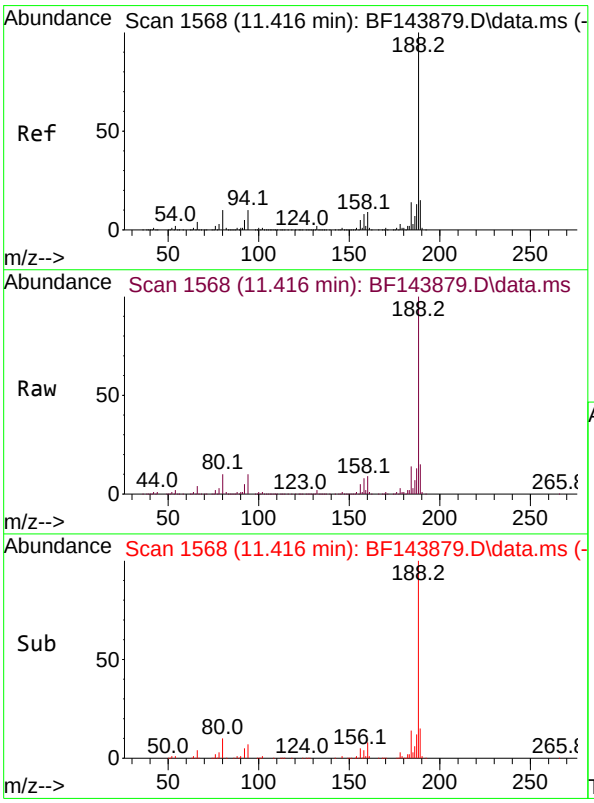
Ion	Ratio	Lower	Upper
77	100		
182	27.3	7.3	47.3
105	23.0	3.0	43.0
51	33.5	13.5	53.5



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

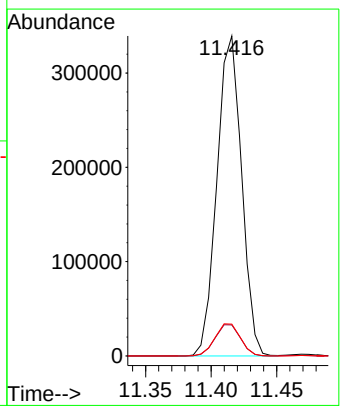
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

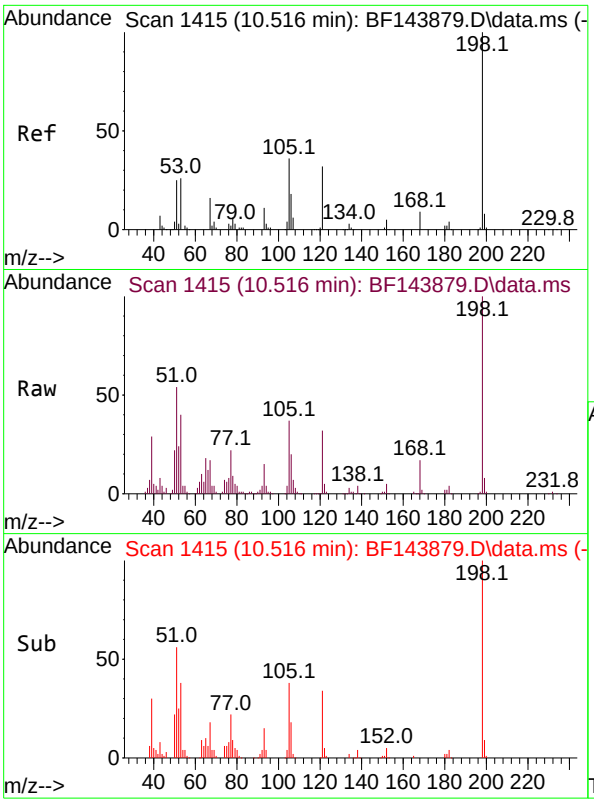


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

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

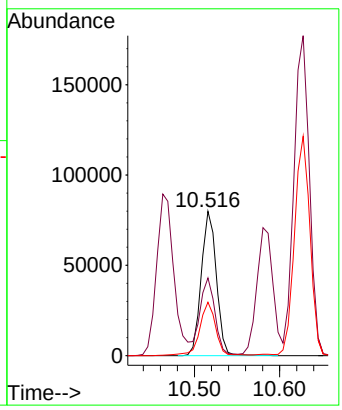




#65
4,6-Dinitro-2-methylphenol
Concen: 44.075 ng
RT: 10.516 min Scan# 14
Delta R.T. -0.018 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:198 Resp: 9855

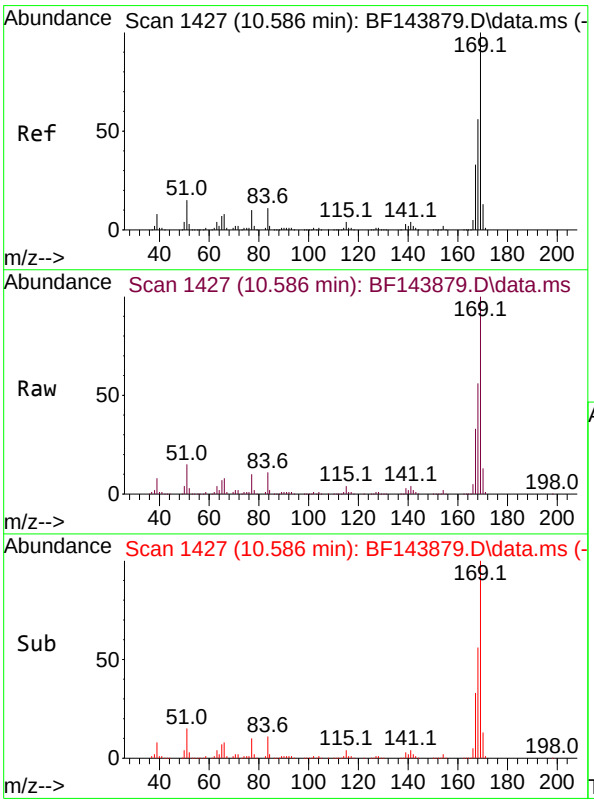
Ion	Ratio	Lower	Upper
198	100		
51	53.8	33.8	73.8
105	37.0	17.0	57.0



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

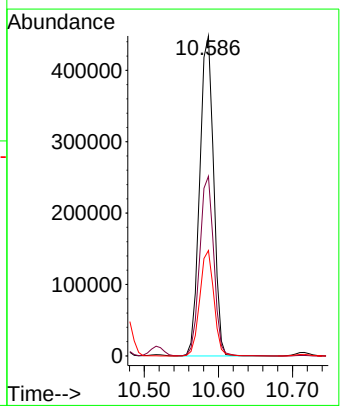
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

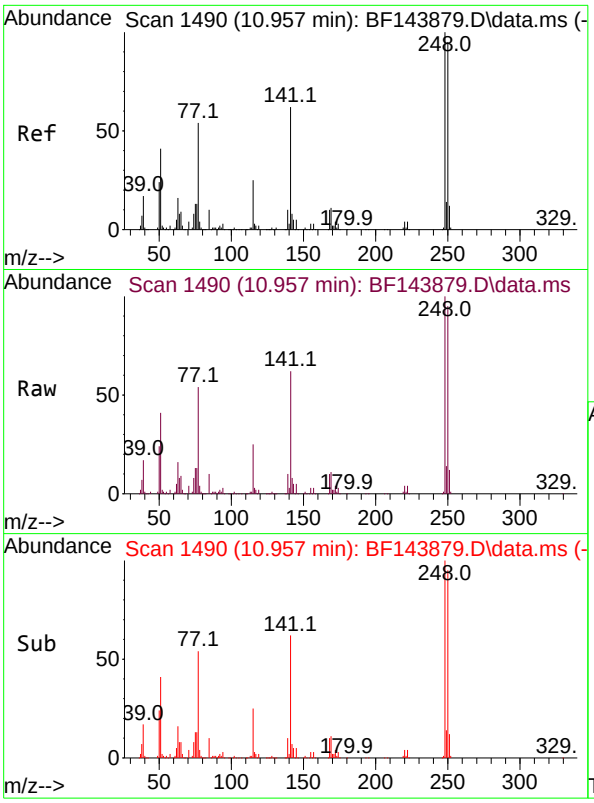


#66
n-Nitrosodiphenylamine
Concen: 41.773 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

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

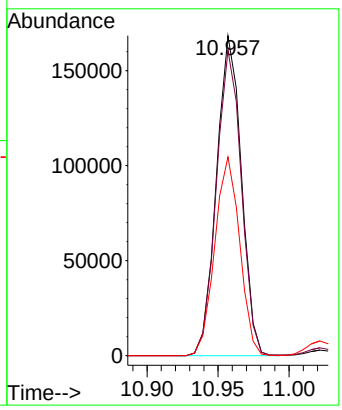




#67
4-Bromophenyl-phenylether
Concen: 41.803 ng
RT: 10.957 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:248 Resp: 20555

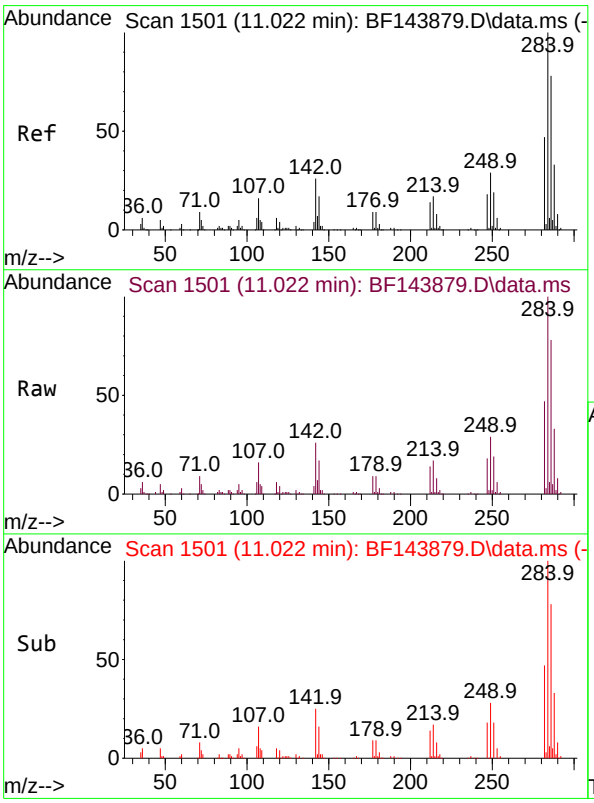
Ion	Ratio	Lower	Upper
248	100		
250	95.4	76.3	114.5
141	62.1	49.7	74.5



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

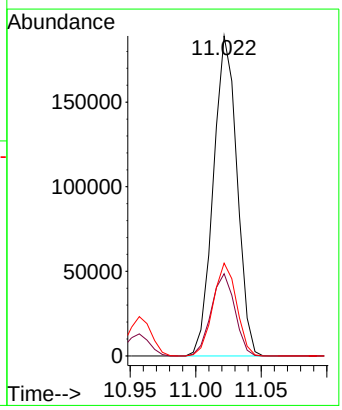
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

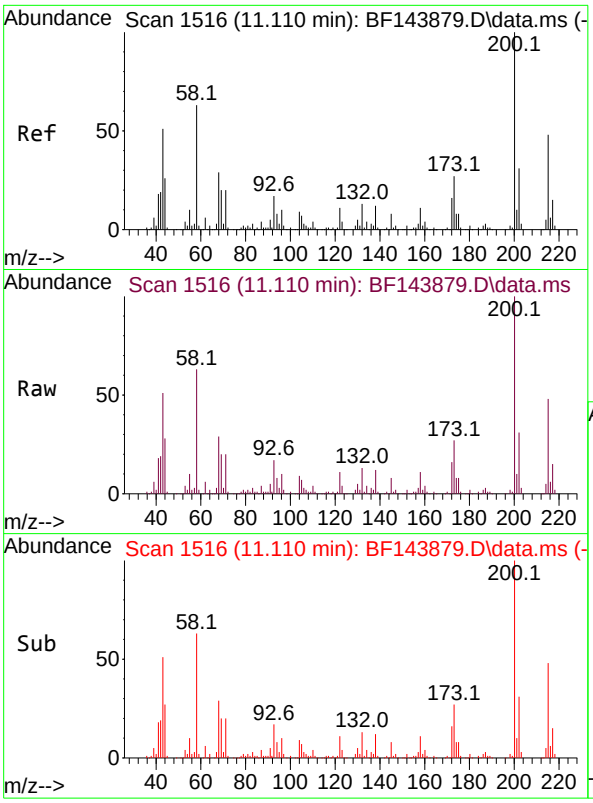


#68
Hexachlorobenzene
Concen: 41.695 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

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

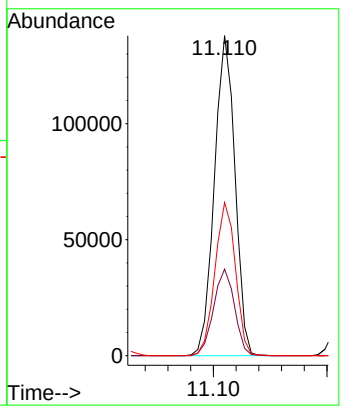




#69
Atrazine
Concen: 40.905 ng
RT: 11.110 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:200 Resp: 17321

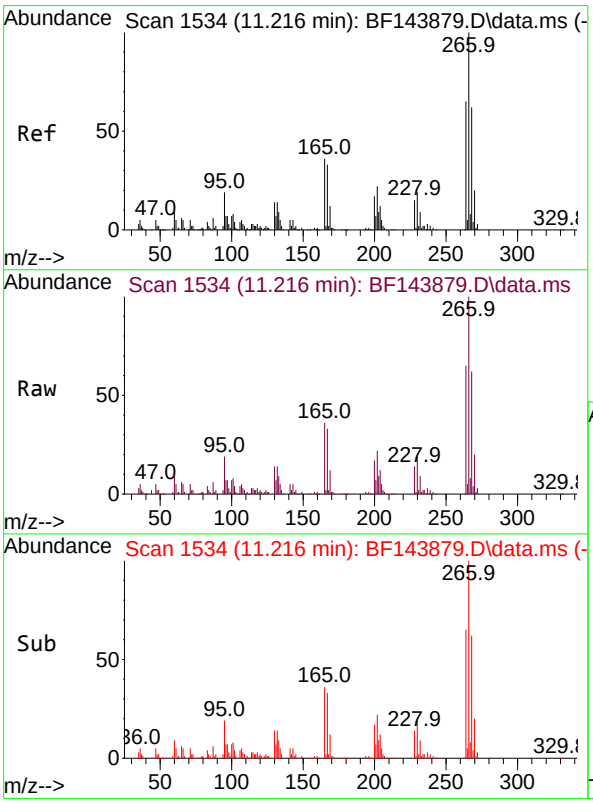
Ion	Ratio	Lower	Upper
200	100		
173	27.0	7.0	47.0
215	47.8	27.8	67.8



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

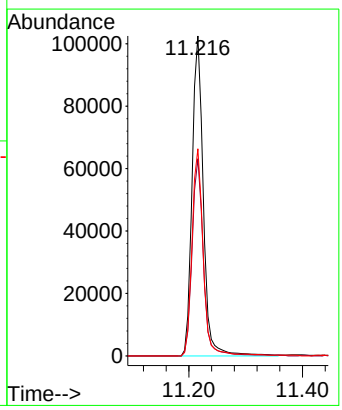
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

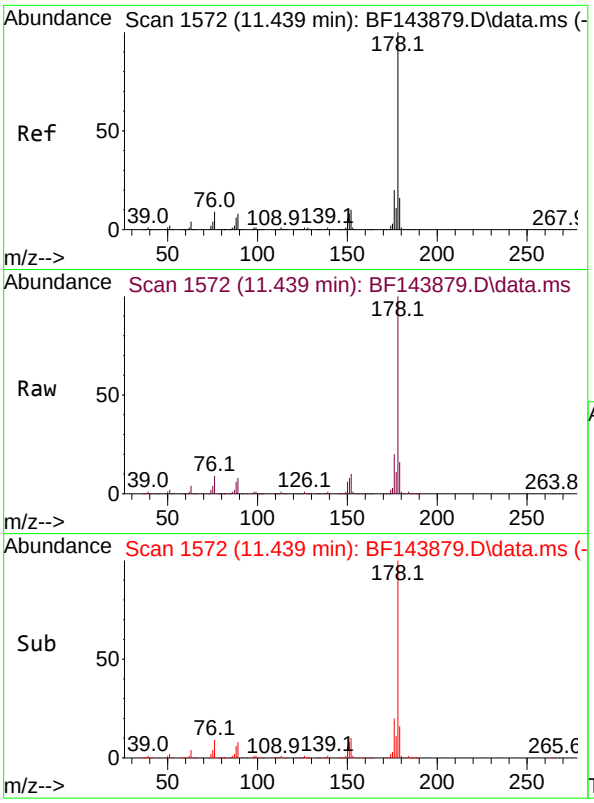


#70
Pentachlorophenol
Concen: 42.862 ng
RT: 11.216 min Scan# 1534
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

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

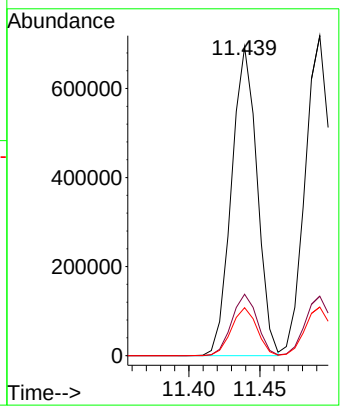




#71
Phenanthrene
Concen: 40.266 ng
RT: 11.439 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:178 Resp: 86859

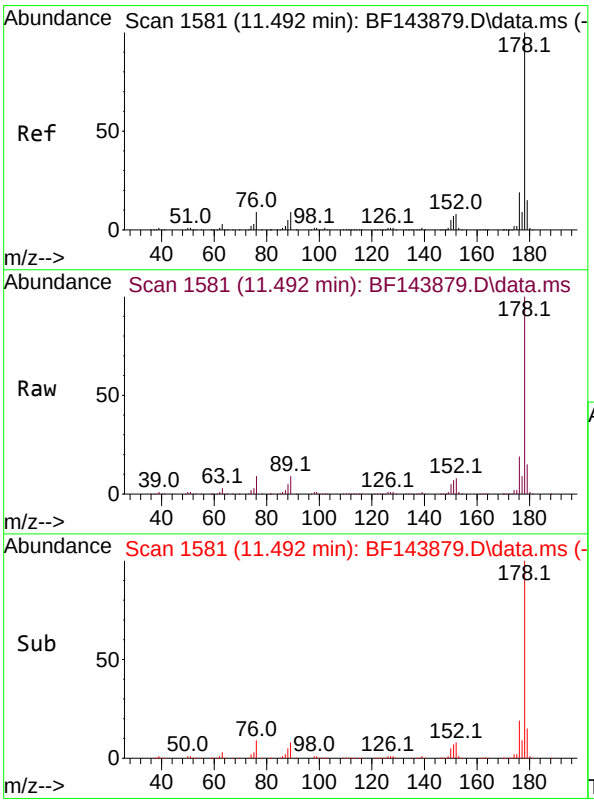
Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.9	23.9
179	15.5	12.4	18.6



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

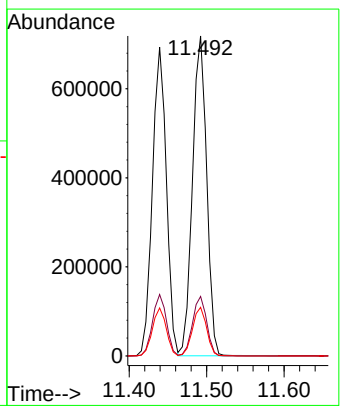
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

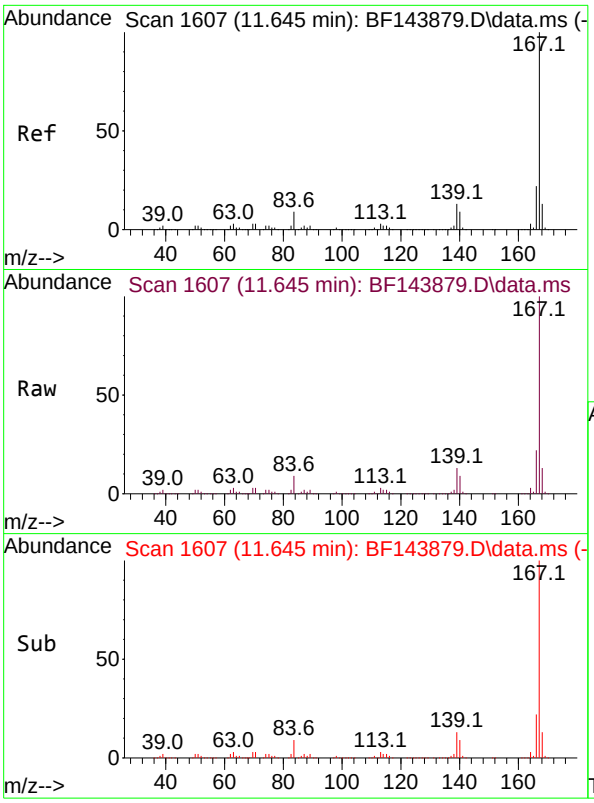


#72
Anthracene
Concen: 41.850 ng
RT: 11.492 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

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

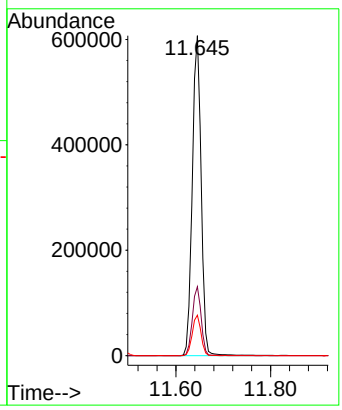




#73
Carbazole
Concen: 40.765 ng
RT: 11.645 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:167 Resp: 78678

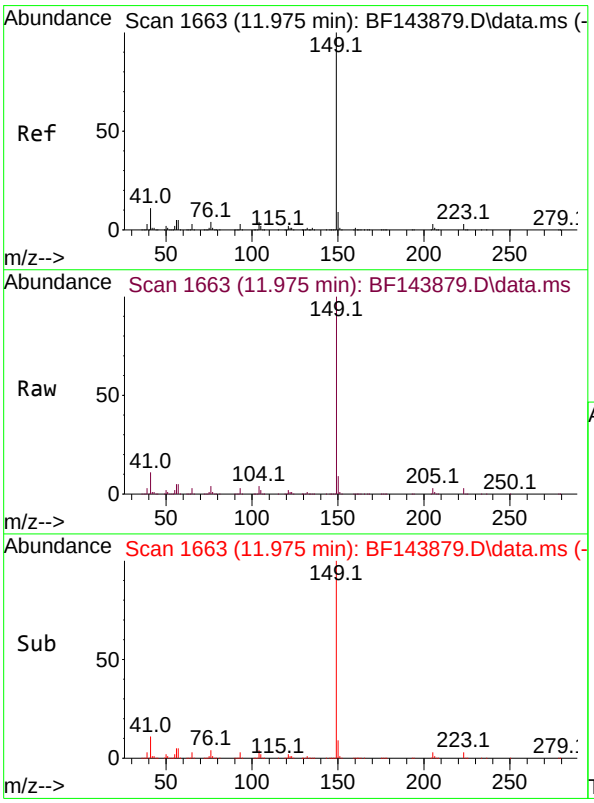
Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.2	25.8
139	12.6	10.1	15.1



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

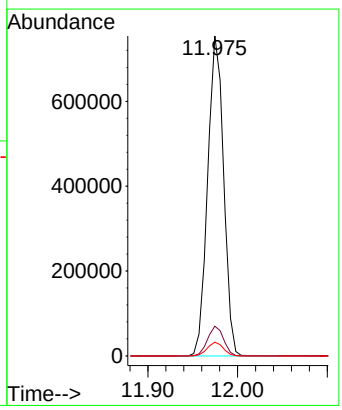
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

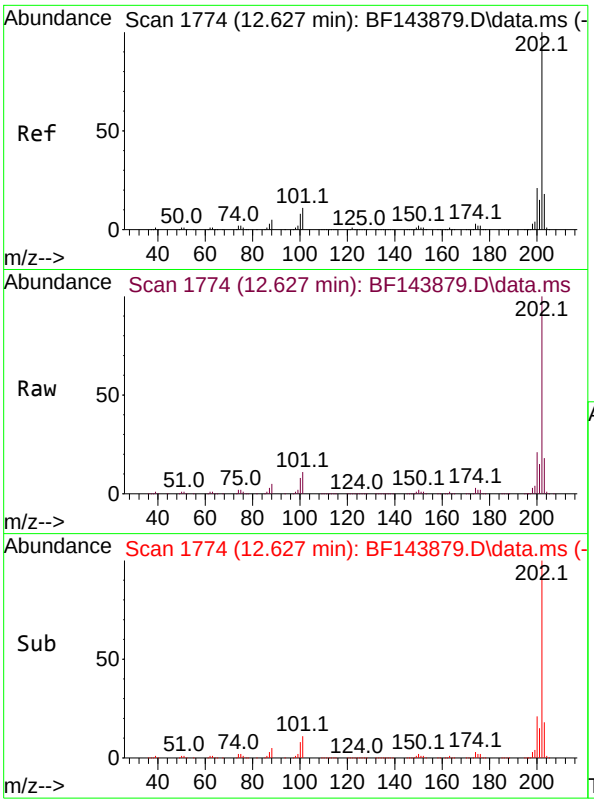


#74
Di-n-butylphthalate
Concen: 41.884 ng
RT: 11.975 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

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

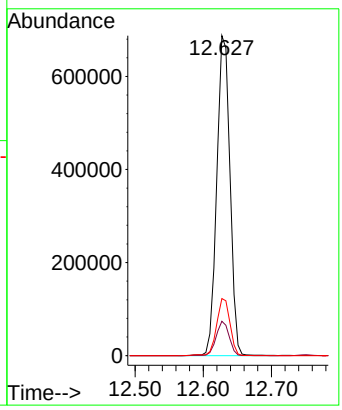




#75
Fluoranthene
Concen: 41.223 ng
RT: 12.627 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:202 Resp: 91850

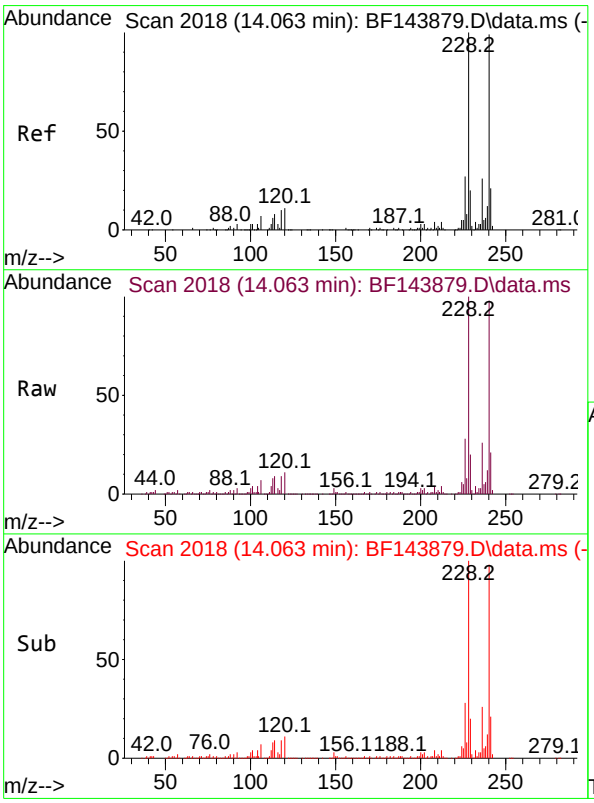
Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	30.7
203	17.8	0.0	37.8



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

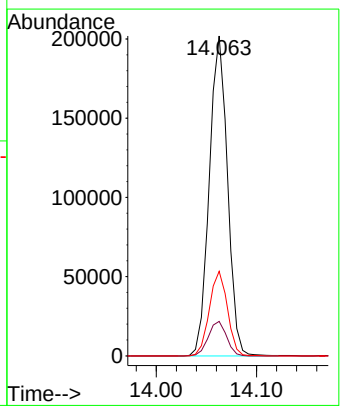
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

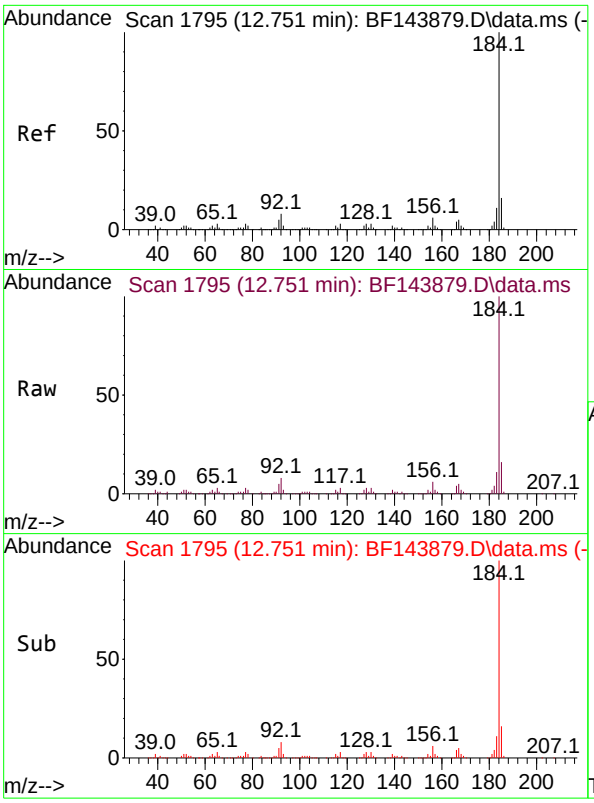


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.005 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

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

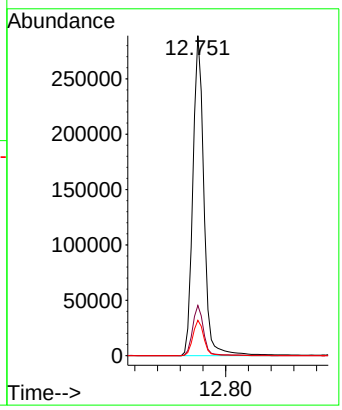




#77
Benzidine
Concen: 43.833 ng
RT: 12.751 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:184 Resp: 38746

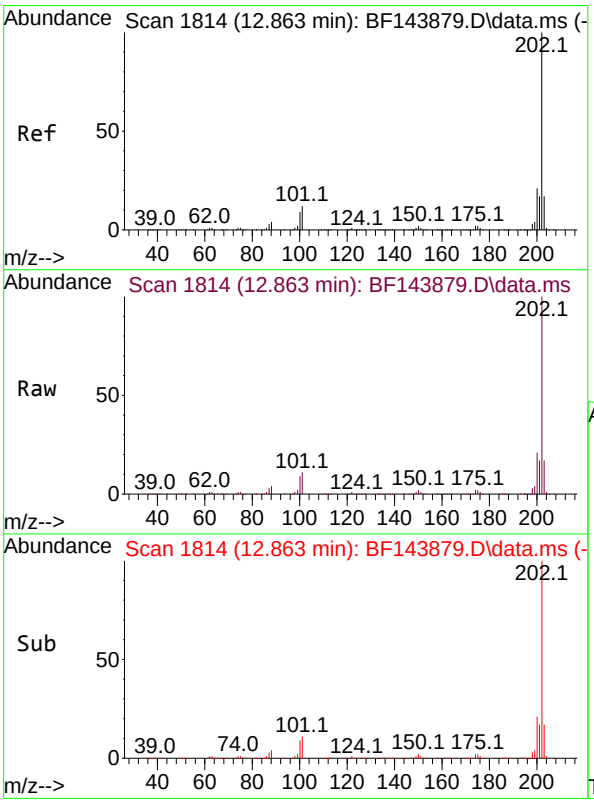
Ion	Ratio	Lower	Upper
184	100		
185	15.7	12.6	18.8
183	11.0	8.8	13.2



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

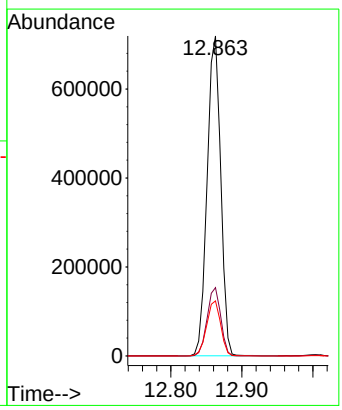
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

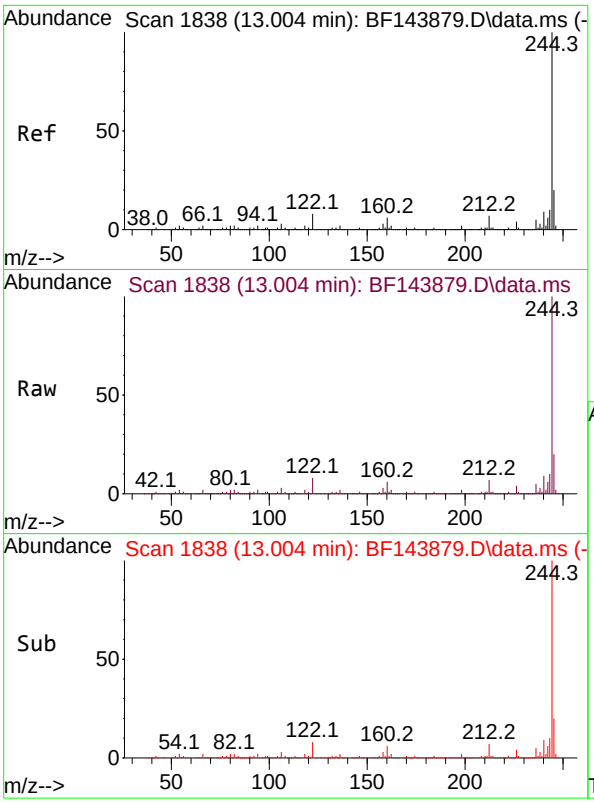


#78
Pyrene
Concen: 44.692 ng
RT: 12.863 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

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

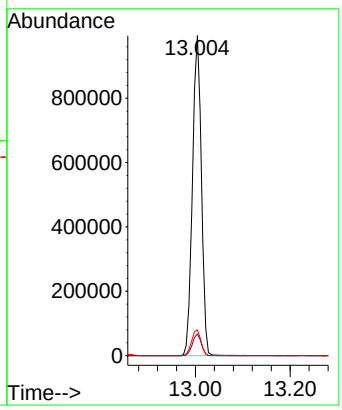




#79
Terphenyl-d14
Concen: 87.451 ng
RT: 13.004 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:244 Resp: 130263

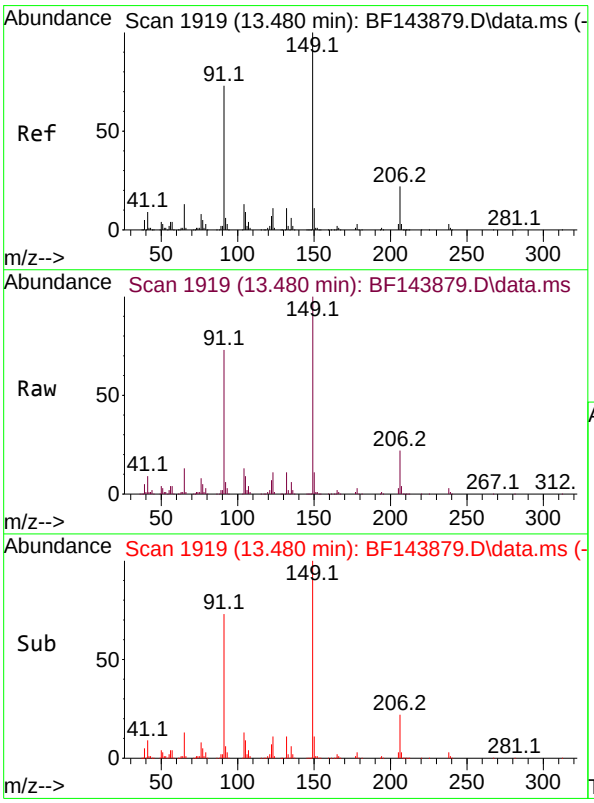
Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	8.0	6.4	9.6



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

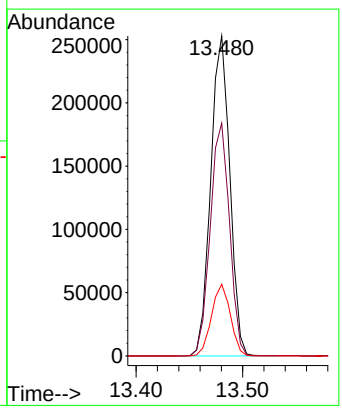
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

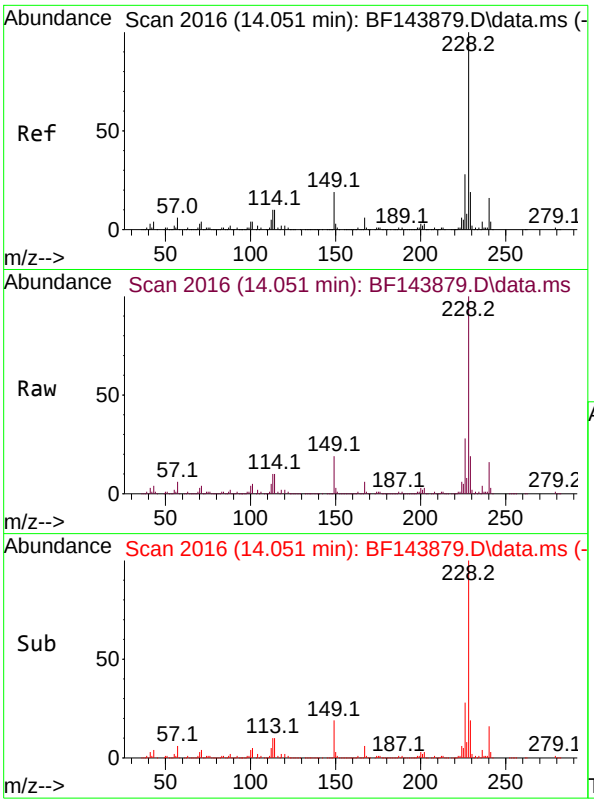


#80
Butylbenzylphthalate
Concen: 45.804 ng
RT: 13.480 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

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

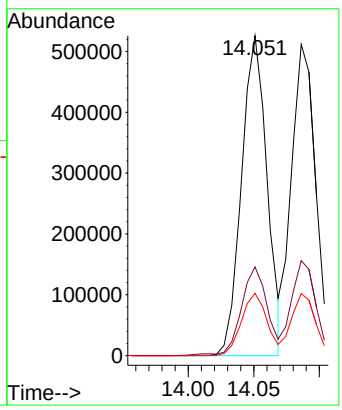




#81
Benzo(a)anthracene
Concen: 42.715 ng
RT: 14.051 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:228 Resp: 711609

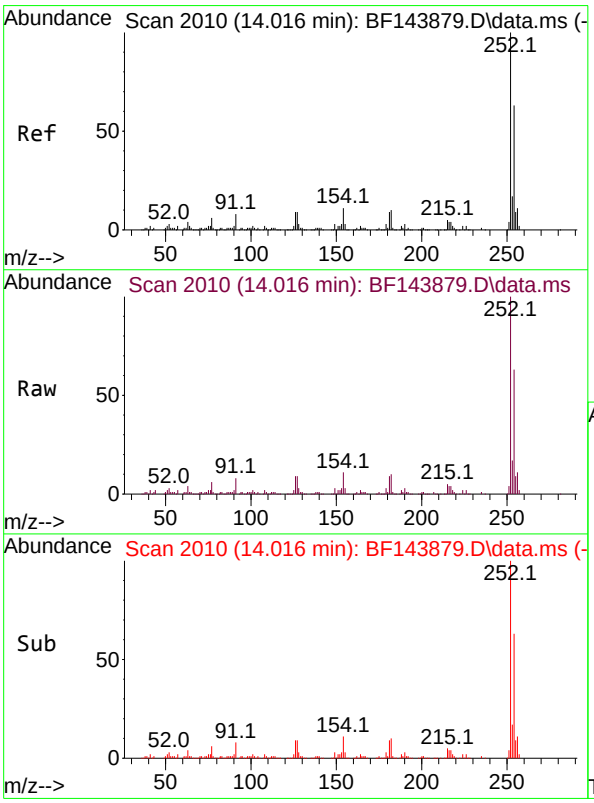
Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.2	33.2
229	19.5	15.6	23.4



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

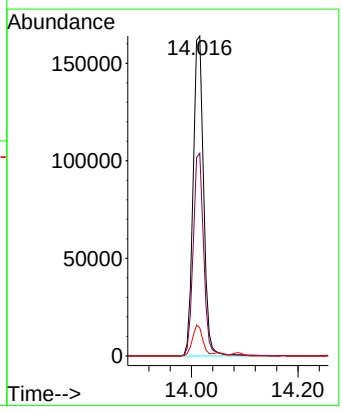
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

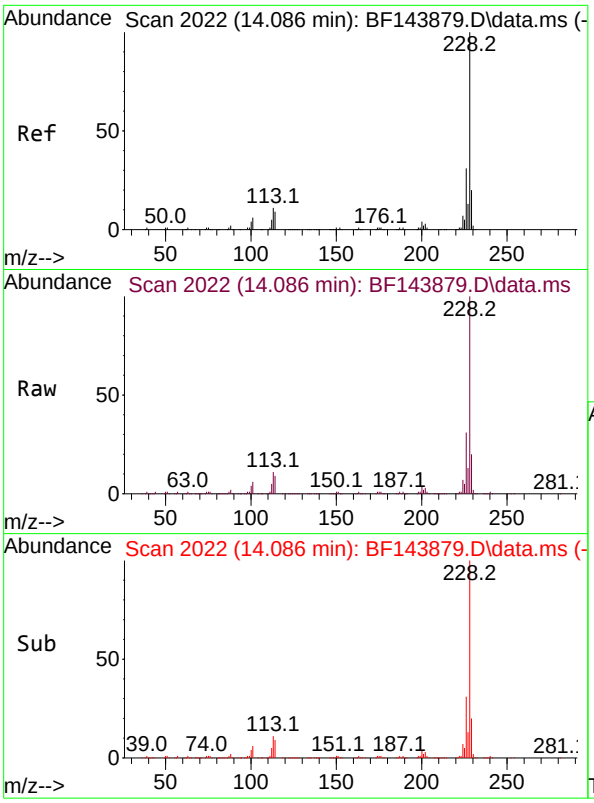


#82
3,3'-Dichlorobenzidine
Concen: 44.135 ng
RT: 14.016 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

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

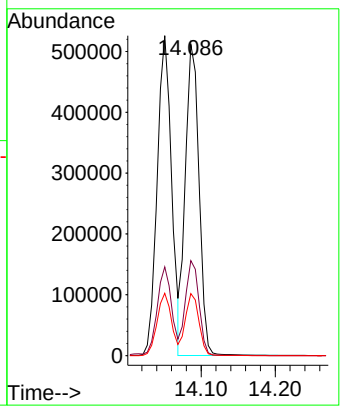




#83
Chrysene
Concen: 42.717 ng
RT: 14.086 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:228 Resp: 65863

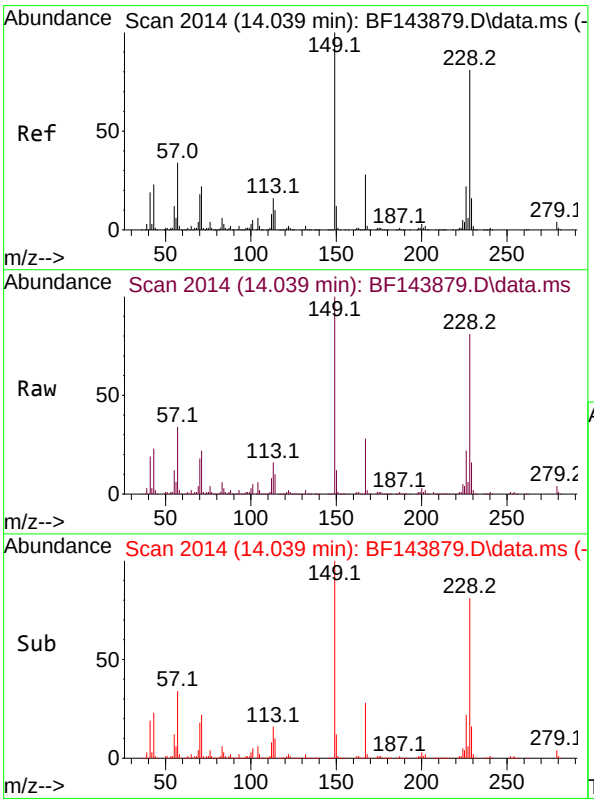
Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.4	36.6
229	19.9	15.9	23.9



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

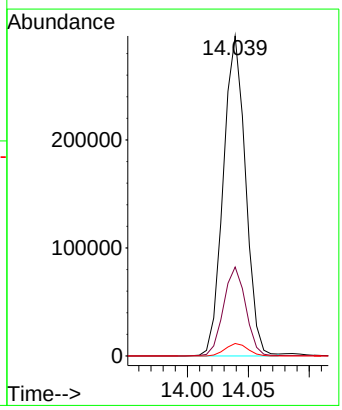
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

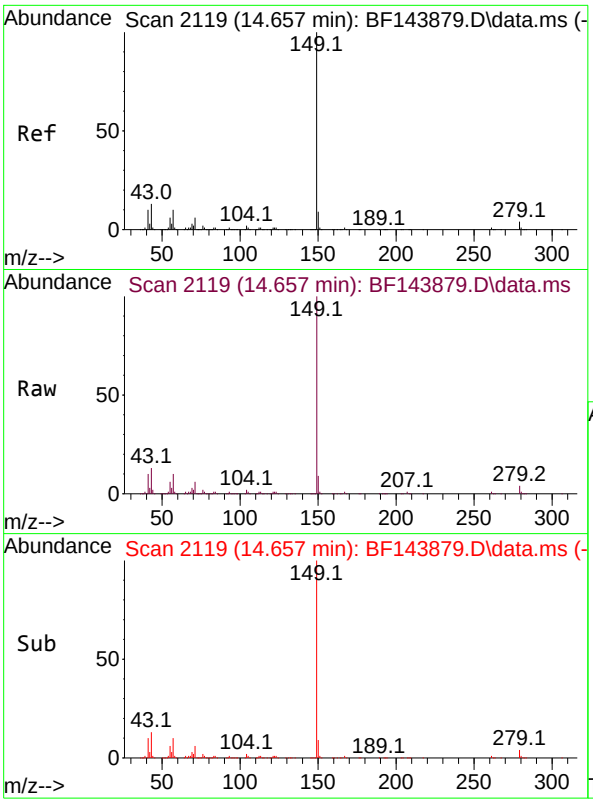


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.286 ng
RT: 14.039 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

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

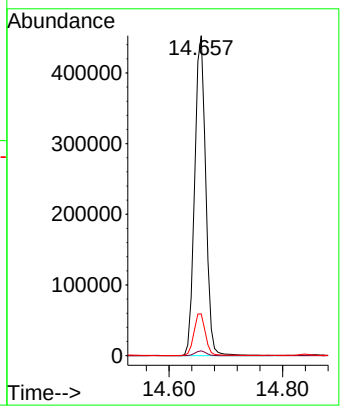
Tgt Ion:149 Resp: 60812

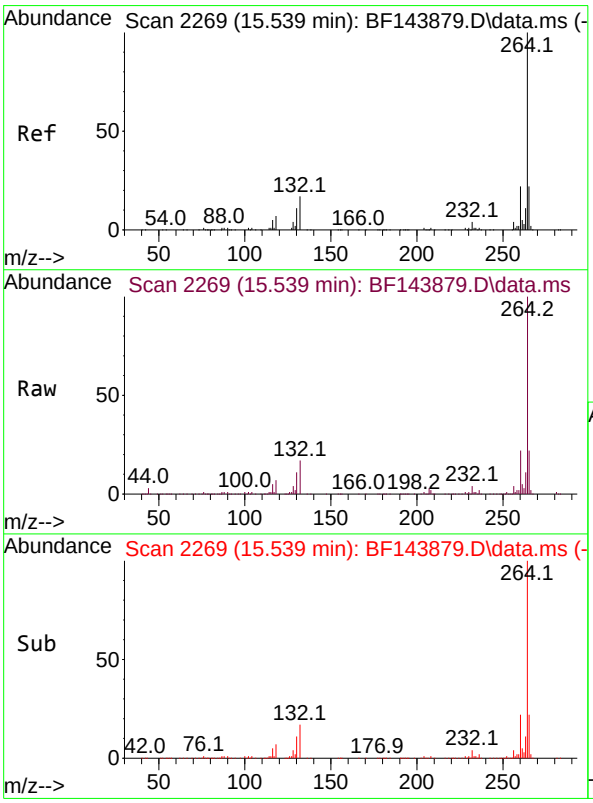
Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.1	1.7
43	13.7	11.0	16.4

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

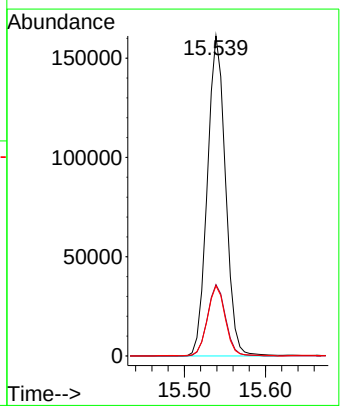


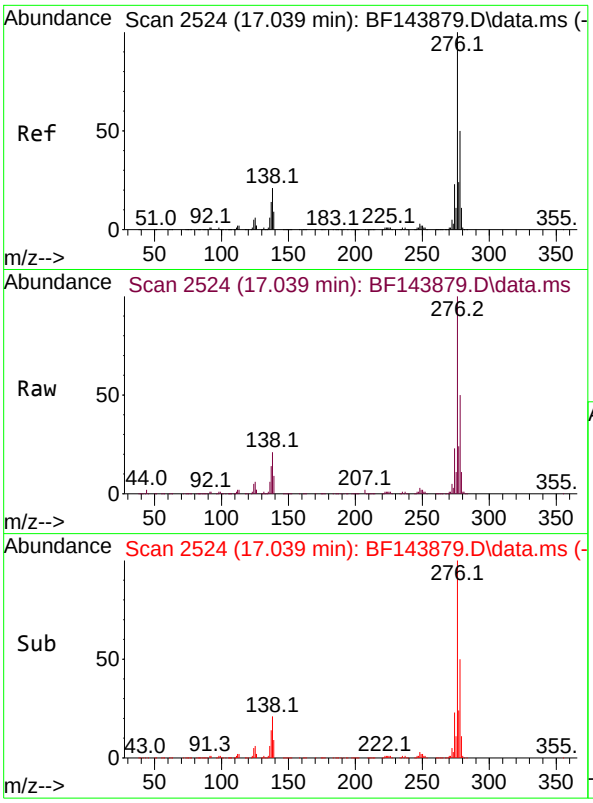


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

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

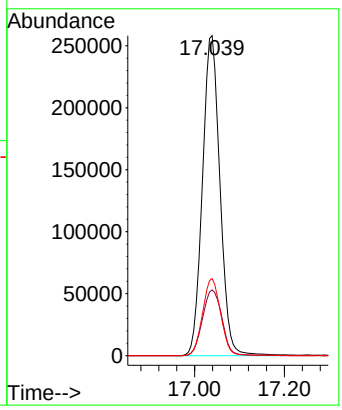




#87
Indeno(1,2,3-cd)pyrene
Concen: 45.470 ng
RT: 17.039 min Scan# 2
Delta R.T. -0.017 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:276 Resp: 69923

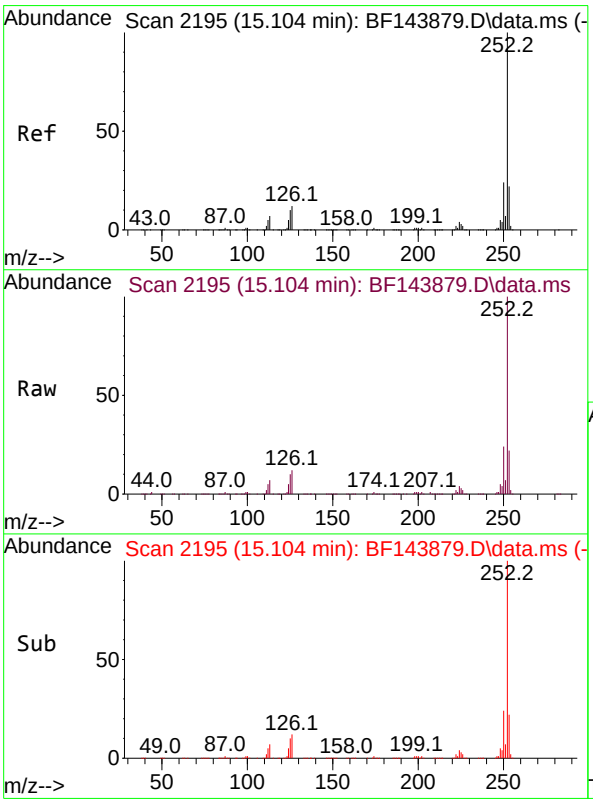
Ion	Ratio	Lower	Upper
276	100		
138	22.7	18.2	27.2
277	24.7	19.8	29.6



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

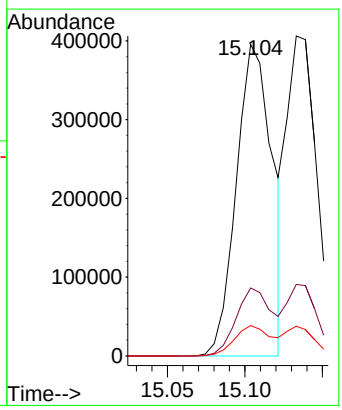
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

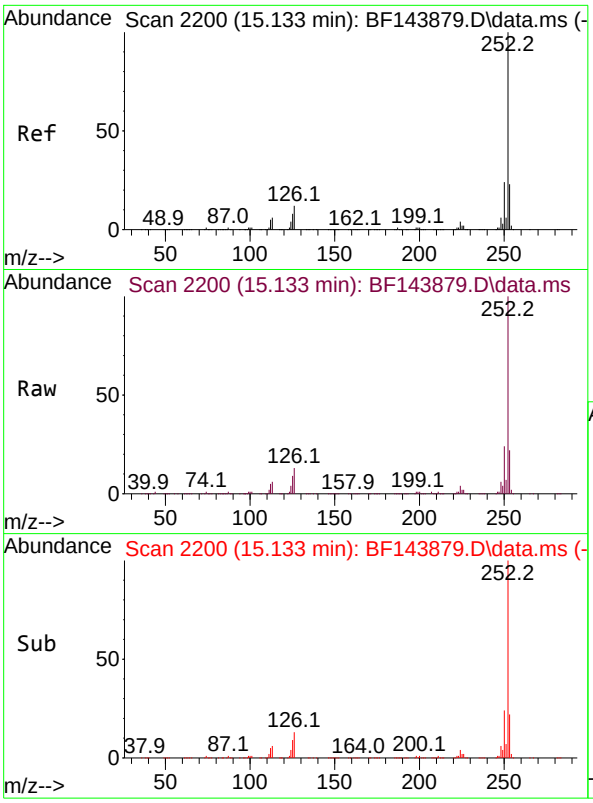


#88
Benzo(b)fluoranthene
Concen: 44.178 ng
RT: 15.104 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

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

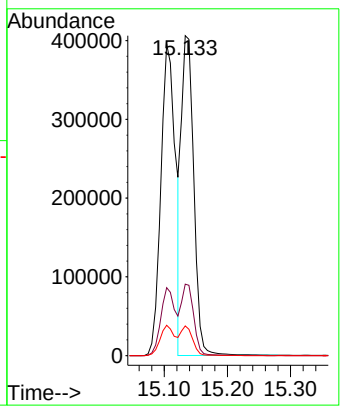




#89
Benzo(k)fluoranthene
Concen: 41.688 ng
RT: 15.133 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:252 Resp: 55611

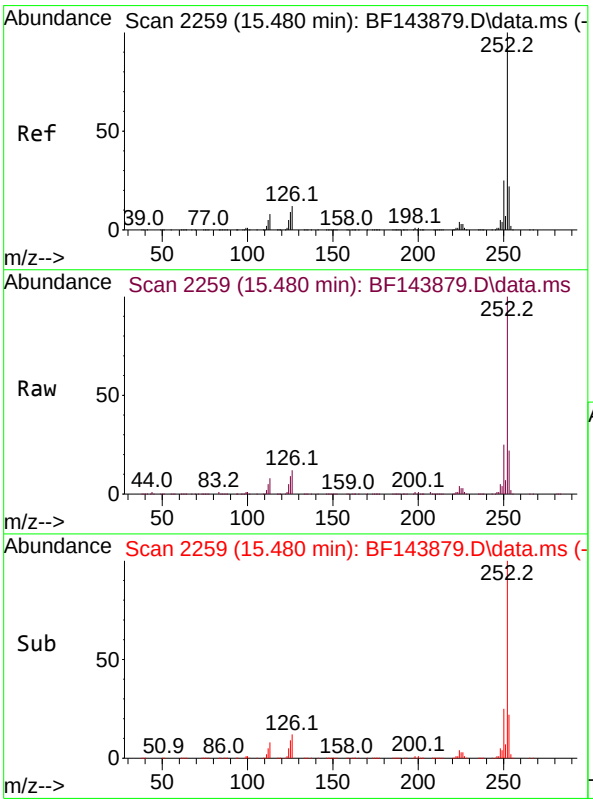
Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	9.3	7.4	11.2



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

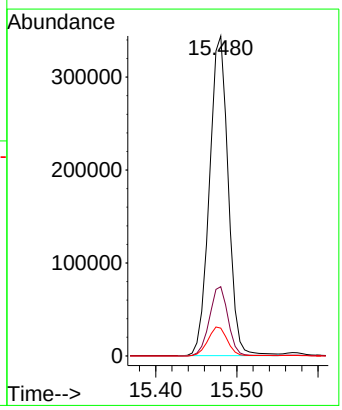
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

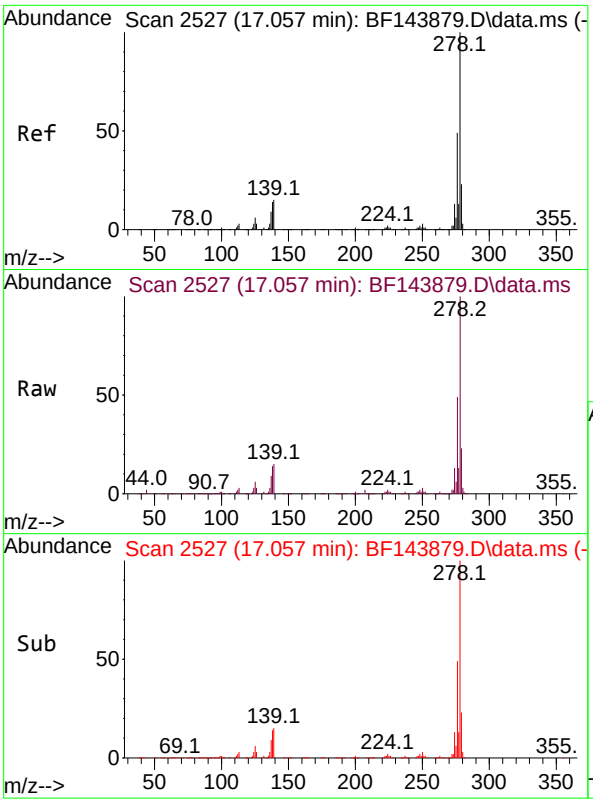


#90
Benzo(a)pyrene
Concen: 44.246 ng
RT: 15.480 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

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

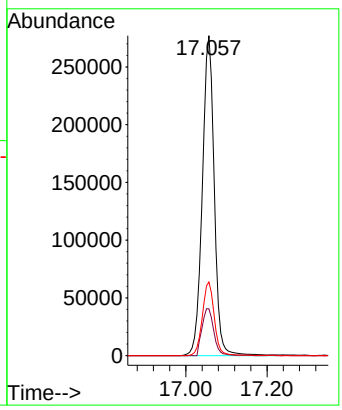




#91
Dibenzo(a,h)anthracene
Concen: 45.774 ng
RT: 17.057 min Scan# 2
Delta R.T. -0.023 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:278 Resp: 56613

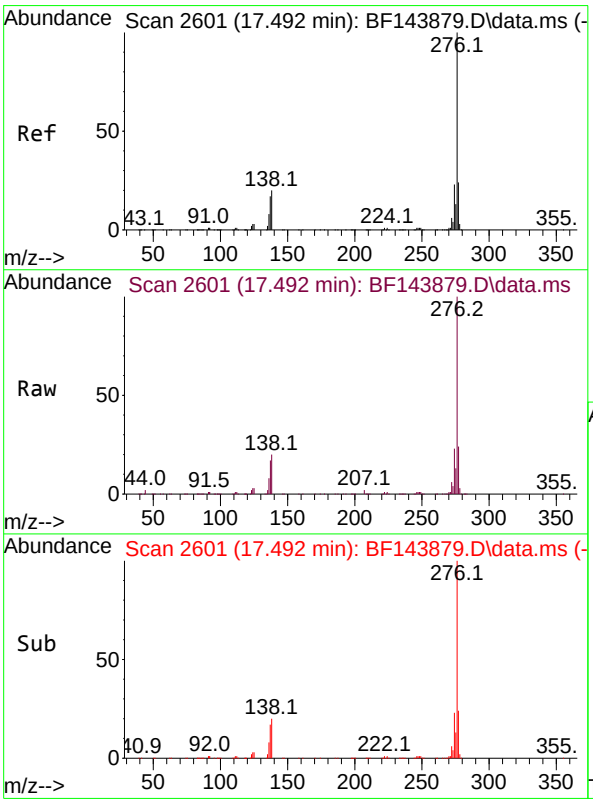
Ion	Ratio	Lower	Upper
278	100		
139	14.6	11.7	17.5
279	23.0	18.4	27.6



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

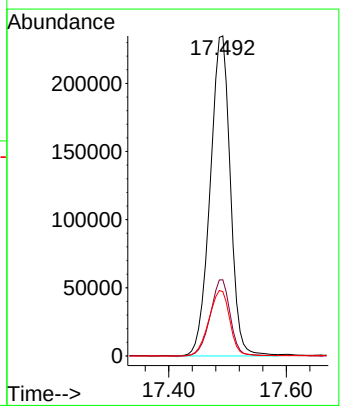
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143880.D
Acq On : 06 Oct 2025 13:23
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Oct 06 15:38:41 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	6.887	152	182011	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	710843	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	393762	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	674807	20.000	ng		0.00
76) Chrysene-d12	14.068	240	390779	20.000	ng		0.00
86) Perylene-d12	15.545	264	426414	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	1067519	93.138	ng		0.00
7) Phenol-d6	6.510	99	1277645	93.519	ng		0.00
23) Nitrobenzene-d5	7.451	82	1148649	98.174	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	390657	99.608	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	1936883	78.050	ng		0.00
79) Terphenyl-d14	13.010	244	2083463	91.121	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.646	88	247738	46.709	ng		99
3) Pyridine	3.416	79	759117	49.164	ng		98
4) n-Nitrosodimethylamine	3.381	42	417134	51.355	ng		98
6) Aniline	6.551	93	994174	48.562	ng		99
8) 2-Chlorophenol	6.669	128	546266	48.757	ng		98
9) Benzaldehyde	6.439	77	545259	51.738	ng		99
10) Phenol	6.528	94	799210	48.932	ng		93
11) bis(2-Chloroethyl)ether	6.622	93	595127	47.169	ng		97
12) 1,3-Dichlorobenzene	6.828	146	607764	45.318	ng		98
13) 1,4-Dichlorobenzene	6.904	146	603407	45.612	ng		99
14) 1,2-Dichlorobenzene	7.057	146	583790	46.072	ng		99
15) Benzyl Alcohol	7.028	79	515929	50.402	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1368524	47.652	ng		99
17) 2-Methylphenol	7.134	107	448120	48.397	ng		99
18) Hexachloroethane	7.398	117	207432	47.017	ng		97
19) n-Nitroso-di-n-propyla...	7.310	70	441373	47.198	ng		98
20) 3+4-Methylphenols	7.292	107	485879	45.276	ng	#	83
22) Acetophenone	7.298	105	665276	44.262	ng	#	94
24) Nitrobenzene	7.475	77	625692	48.155	ng		98
25) Isophorone	7.716	82	1181135	47.877	ng		98
26) 2-Nitrophenol	7.786	139	296399	53.208	ng		99
27) 2,4-Dimethylphenol	7.816	122	480868	47.987	ng		98
28) bis(2-Chloroethoxy)met...	7.916	93	706471	45.333	ng		99
29) 2,4-Dichlorophenol	8.022	162	497289	47.642	ng		97
30) 1,2,4-Trichlorobenzene	8.110	180	473064	46.083	ng		98
31) Naphthalene	8.192	128	1451547	44.890	ng		100
32) Benzoic acid	7.945	122	384635	55.462	ng		98
33) 4-Chloroaniline	8.239	127	567726	46.813	ng		99
34) Hexachlorobutadiene	8.304	225	325186	45.586	ng		99
35) Caprolactam	8.628	113	167817	50.565	ng		99
36) 4-Chloro-3-methylphenol	8.716	107	477376	47.612	ng		98
37) 2-Methylnaphthalene	8.881	142	935960	43.453	ng		99
38) 1-Methylnaphthalene	8.981	142	918550	43.965	ng		98
40) 1,2,4,5-Tetrachloroben...	9.045	216	491771	45.187	ng		99
41) Hexachlorocyclopentadiene	9.033	237	242390	53.686	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	376991	47.410	ng		96

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143880.D
Acq On : 06 Oct 2025 13:23
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Oct 06 15:38:41 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

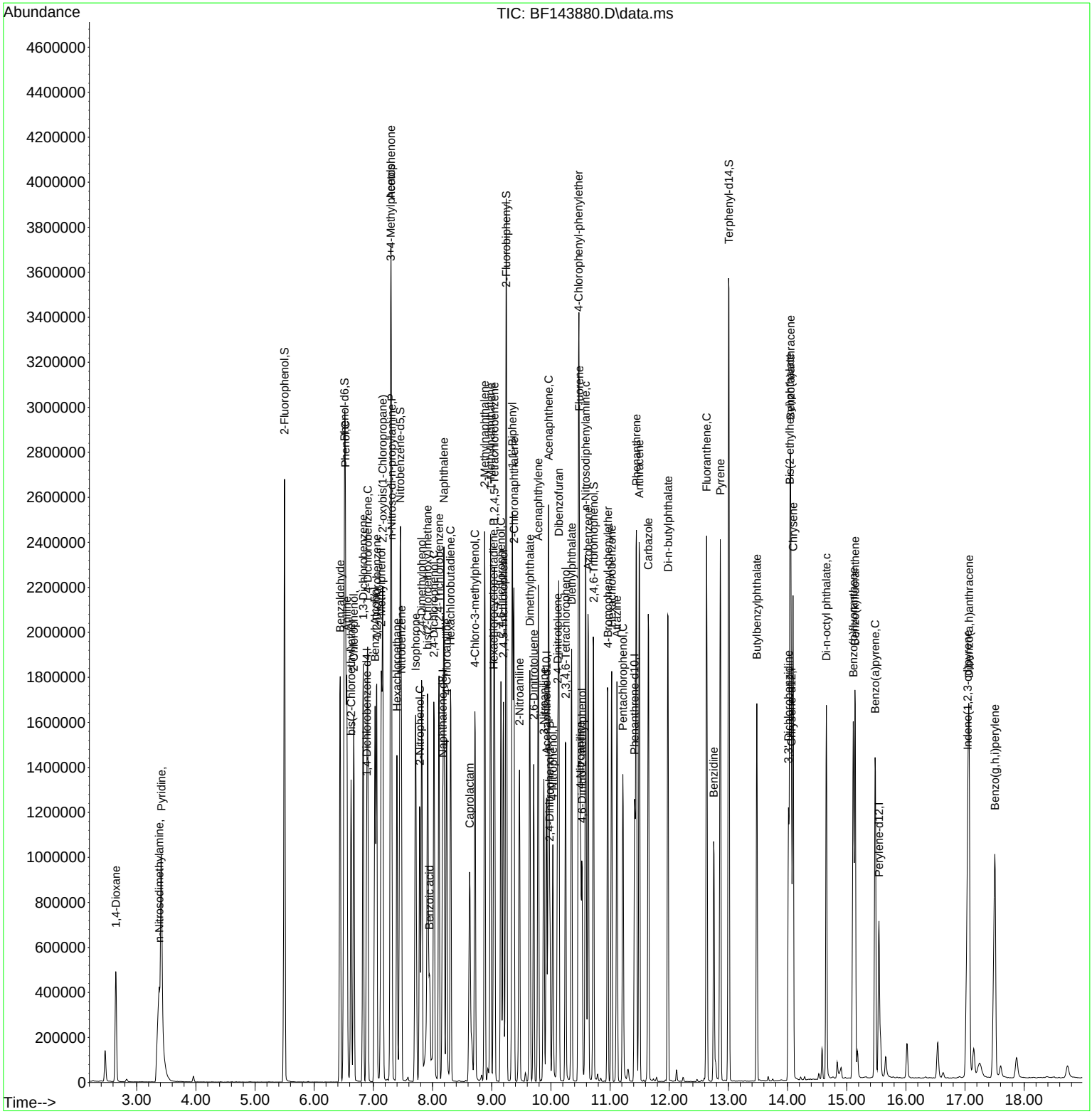
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	395213	47.031	ng		99
46) 1,1'-Biphenyl	9.351	154	1116775	42.837	ng		99
47) 2-Chloronaphthalene	9.375	162	972675	44.748	ng		98
48) 2-Nitroaniline	9.469	65	348179	50.665	ng		96
49) Acenaphthylene	9.786	152	1364193	44.642	ng		100
50) Dimethylphthalate	9.645	163	1147448	45.888	ng		99
51) 2,6-Dinitrotoluene	9.710	165	246567	53.176	ng		99
52) Acenaphthene	9.963	154	883487	44.122	ng		99
53) 3-Nitroaniline	9.880	138	291630	51.366	ng		97
54) 2,4-Dinitrophenol	9.980	184	140496	51.801	ng	#	82
55) Dibenzofuran	10.133	168	1233091	43.625	ng		99
56) 4-Nitrophenol	10.033	139	226765	52.750	ng		96
57) 2,4-Dinitrotoluene	10.116	165	329984	52.304	ng		98
58) Fluorene	10.480	166	882946	41.398	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	294987	49.591	ng	#	98
60) Diethylphthalate	10.351	149	1053032	45.330	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	477108	42.311	ng		98
62) 4-Nitroaniline	10.498	138	282713	51.782	ng		98
63) Azobenzene	10.627	77	1096875	45.178	ng		97
65) 4,6-Dinitro-2-methylph...	10.527	198	188400	55.558	ng		99
66) n-Nitrosodiphenylamine	10.586	169	943991	44.552	ng		99
67) 4-Bromophenyl-phenylether	10.963	248	339818	45.566	ng		97
68) Hexachlorobenzene	11.027	284	407614	47.211	ng		97
69) Atrazine	11.116	200	309799	48.240	ng		99
70) Pentachlorophenol	11.216	266	259359	52.304	ng		98
71) Phenanthrene	11.445	178	1419666	43.395	ng		100
72) Anthracene	11.492	178	1440404	43.583	ng		99
73) Carbazole	11.645	167	1291982	44.139	ng		99
74) Di-n-butylphthalate	11.980	149	1534951	45.246	ng		100
75) Fluoranthene	12.633	202	1478181	43.744	ng		99
77) Benzidine	12.751	184	636126	46.882	ng		99
78) Pyrene	12.863	202	1505326	46.206	ng		99
80) Butylbenzylphthalate	13.480	149	532754	50.352	ng		99
81) Benzo(a)anthracene	14.051	228	1203843	47.075	ng		98
82) 3,3'-Dichlorobenzidine	14.015	252	391334	50.214	ng		98
83) Chrysene	14.092	228	1090275	46.065	ng		100
84) Bis(2-ethylhexyl)phtha...	14.039	149	626818	49.146	ng		99
85) Di-n-octyl phthalate	14.657	149	1082833	51.691	ng		99
87) Indeno(1,2,3-cd)pyrene	17.045	276	1316167	50.373	ng		100
88) Benzo(b)fluoranthene	15.110	252	1167220	47.652	ng		98
89) Benzo(k)fluoranthene	15.139	252	983488	43.392	ng		98
90) Benzo(a)pyrene	15.480	252	997382	46.960	ng		97
91) Dibenzo(a,h)anthracene	17.068	278	1039281	49.457	ng		97
92) Benzo(g,h,i)perylene	17.503	276	1056021	50.253	ng		100

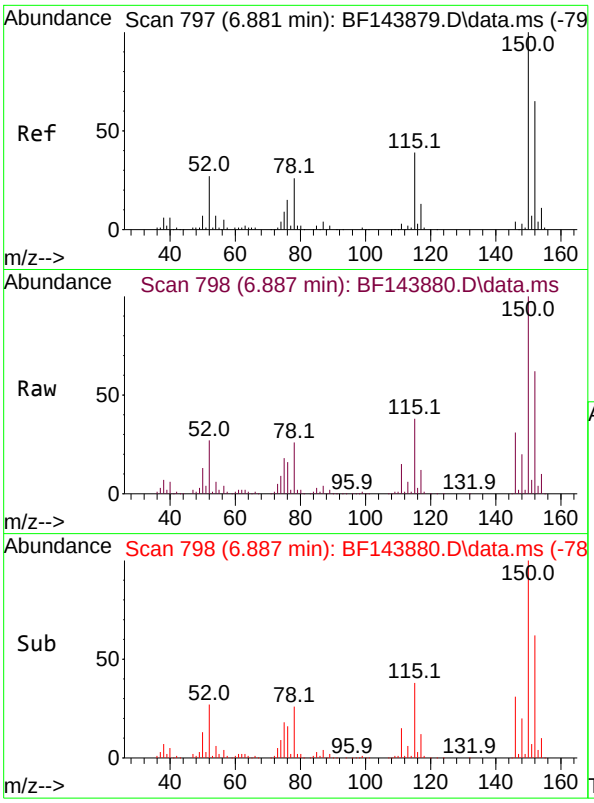
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143880.D
Acq On : 06 Oct 2025 13:23
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Oct 06 15:38:41 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



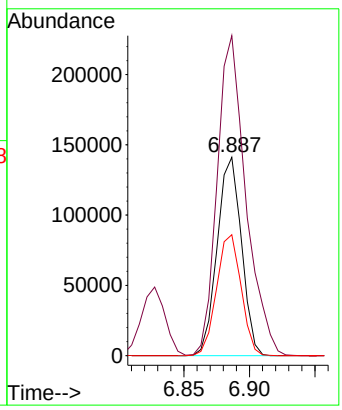


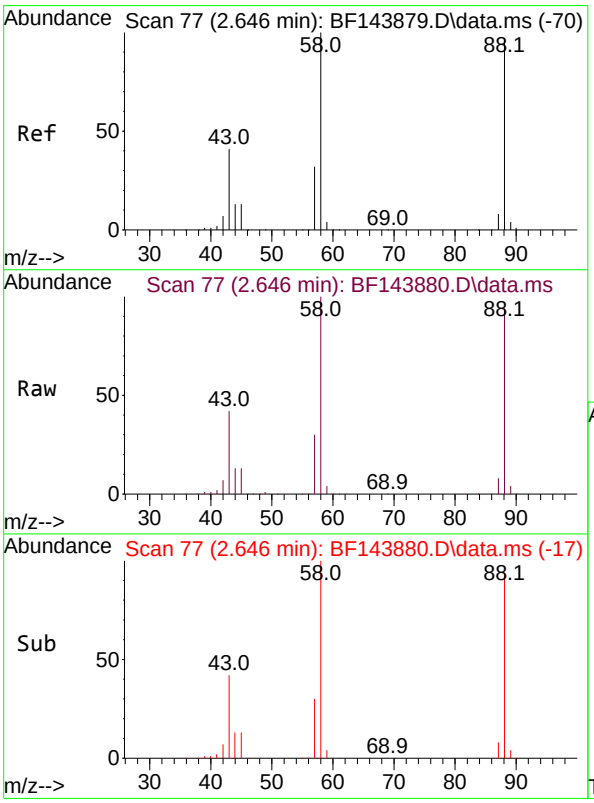
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 79
Delta R.T. 0.001 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 182011

Ion	Ratio	Lower	Upper
152	100		
150	161.3	124.4	186.6
115	60.9	48.1	72.1

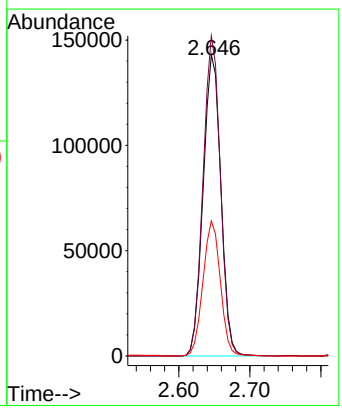


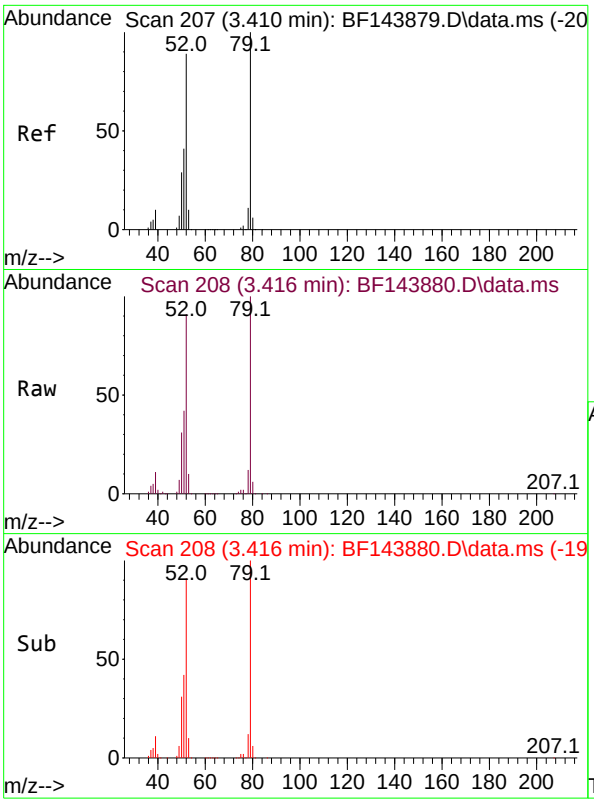


#2
1,4-Dioxane
Concen: 46.709 ng
RT: 2.646 min Scan# 77
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion: 88 Resp: 247738

Ion	Ratio	Lower	Upper
88	100		
58	103.6	83.0	124.6
43	43.8	33.9	50.9



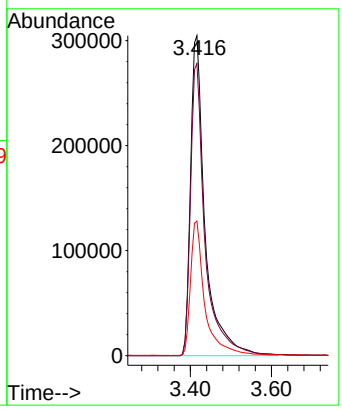


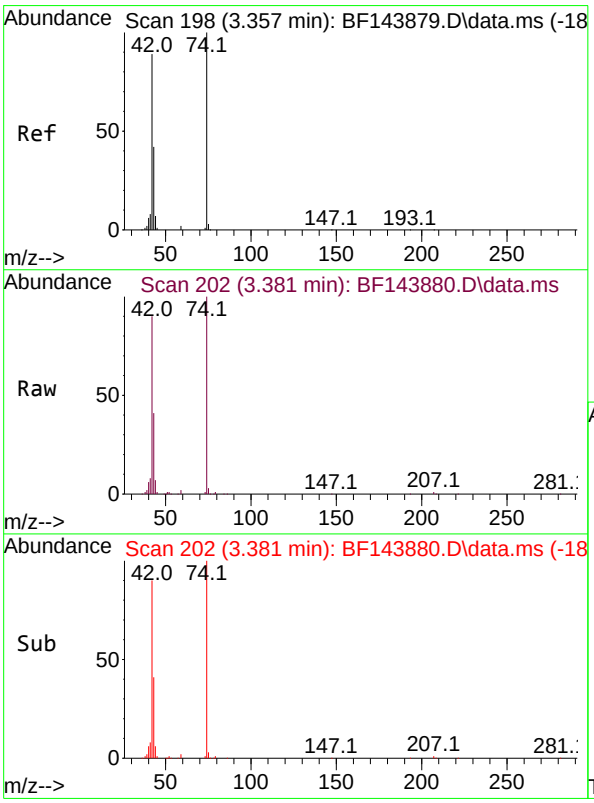
#3
Pyridine
Concen: 49.164 ng
RT: 3.416 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 759117

Ion	Ratio	Lower	Upper
79	100		
52	91.3	71.5	107.3
51	42.0	32.9	49.3

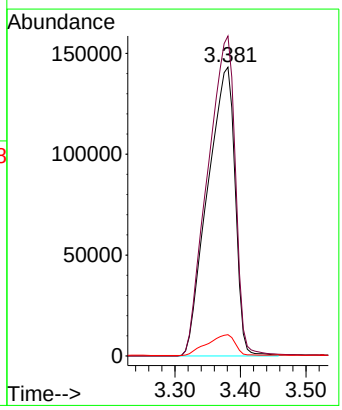


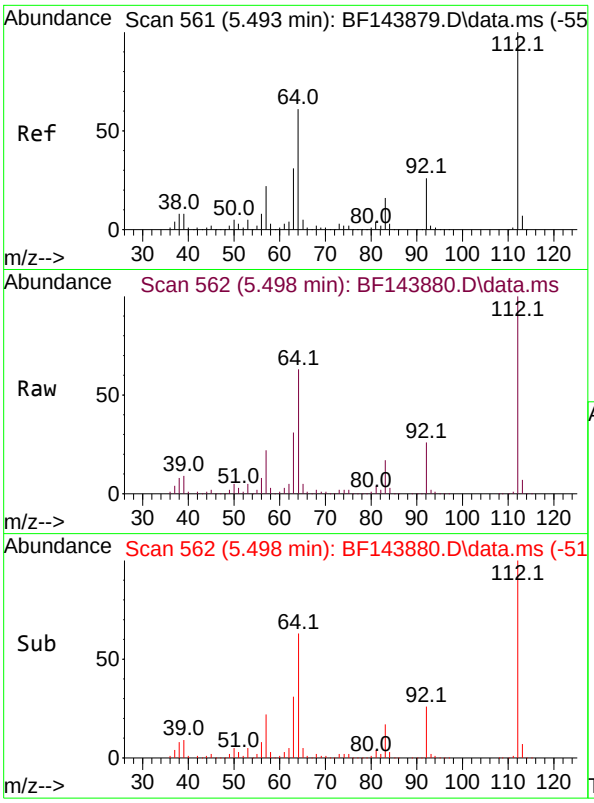


#4
n-Nitrosodimethylamine
Concen: 51.355 ng
RT: 3.381 min Scan# 202
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion: 42 Resp: 417134

Ion	Ratio	Lower	Upper
42	100		
74	110.8	90.0	135.0
44	7.3	6.2	9.2



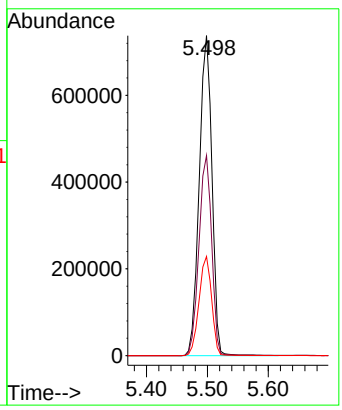


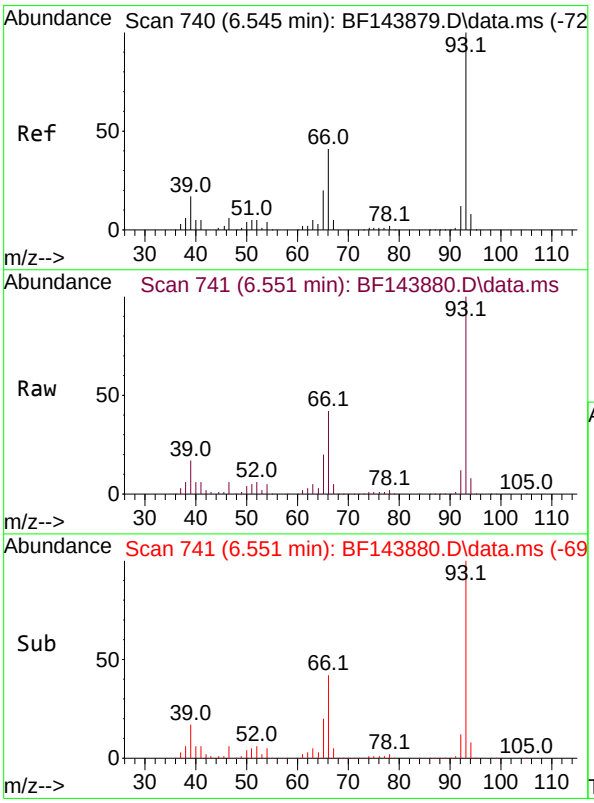
#5
2-Fluorophenol
Concen: 93.138 ng
RT: 5.498 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:112 Resp: 1067519

Ion	Ratio	Lower	Upper
112	100		
64	62.5	49.1	73.7
63	31.0	24.5	36.7

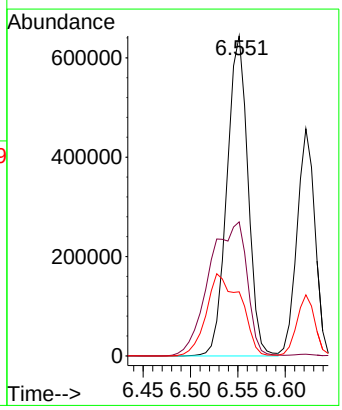


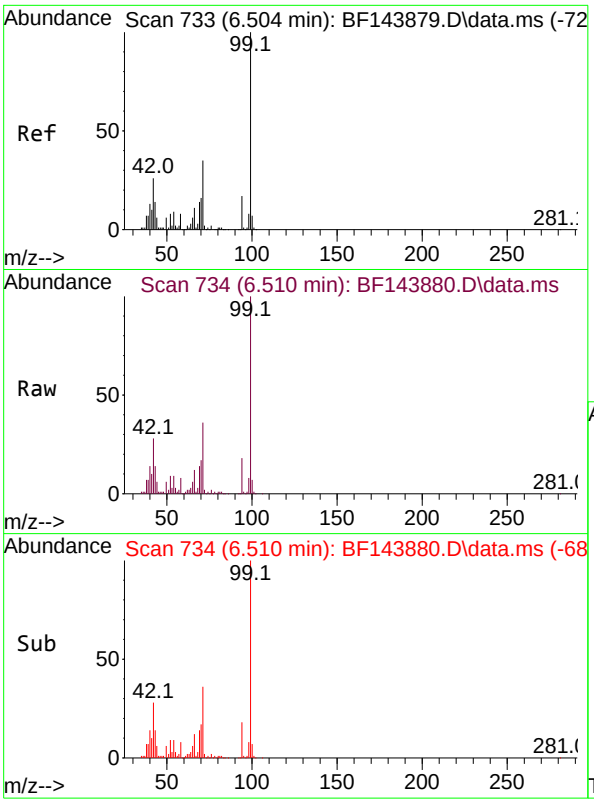


#6
Aniline
Concen: 48.562 ng
RT: 6.551 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion: 93 Resp: 994174

Ion	Ratio	Lower	Upper
93	100		
66	41.9	33.0	49.6
65	20.0	15.8	23.8



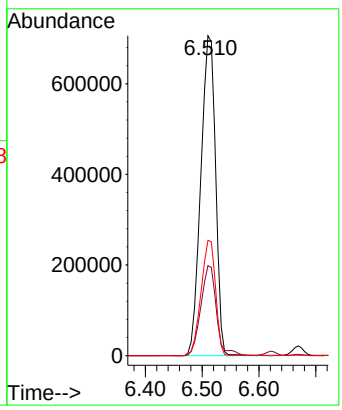


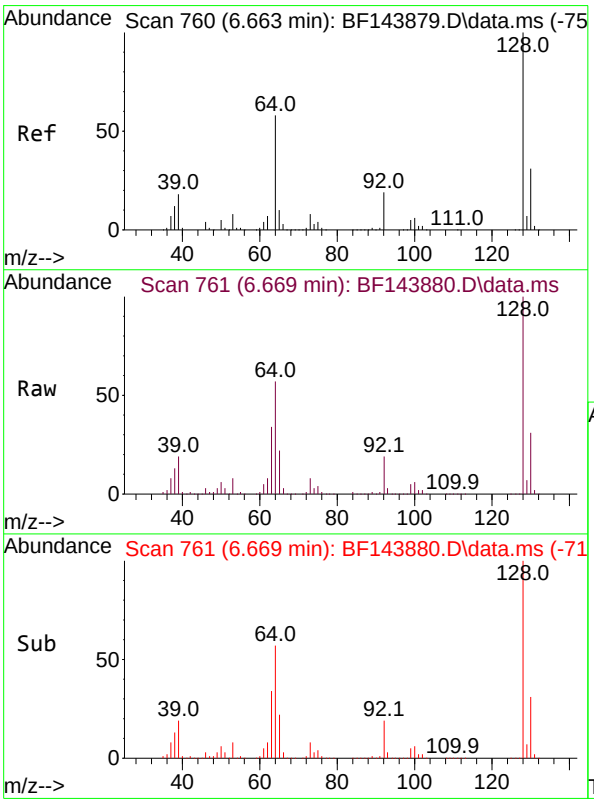
#7
Phenol-d6
Concen: 93.519 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 99 Resp: 1277645

Ion	Ratio	Lower	Upper
99	100		
42	28.1	21.0	31.4
71	36.0	27.8	41.8

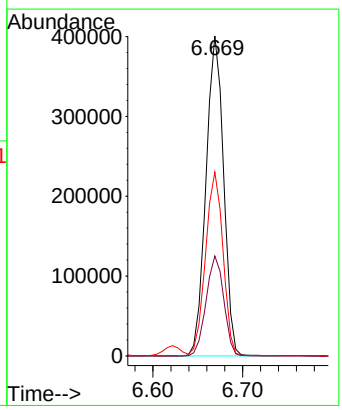


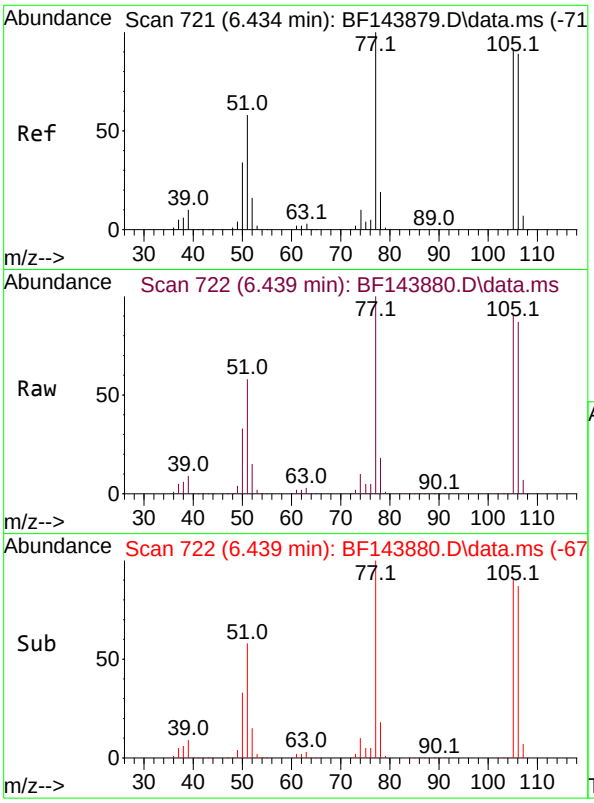


#8
2-Chlorophenol
Concen: 48.757 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:128 Resp: 546266

Ion	Ratio	Lower	Upper
128	100		
130	31.2	10.7	50.7
64	57.4	39.0	79.0



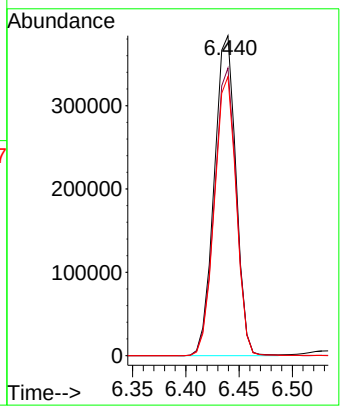


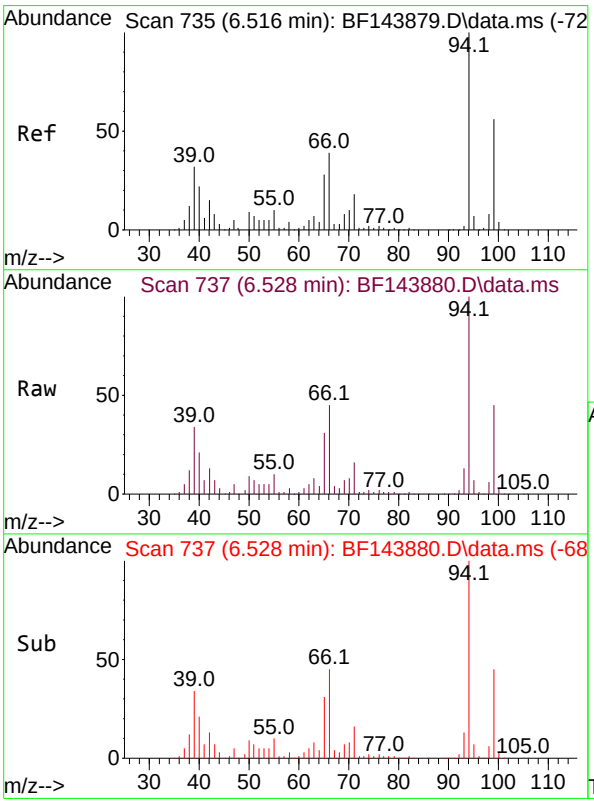
#9
Benzaldehyde
Concen: 51.738 ng
RT: 6.439 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 545259

Ion	Ratio	Lower	Upper
77	100		
105	89.9	70.9	110.9
106	87.2	68.9	108.9

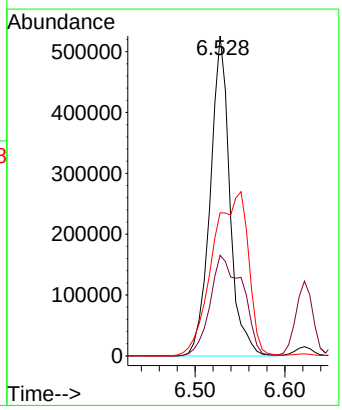


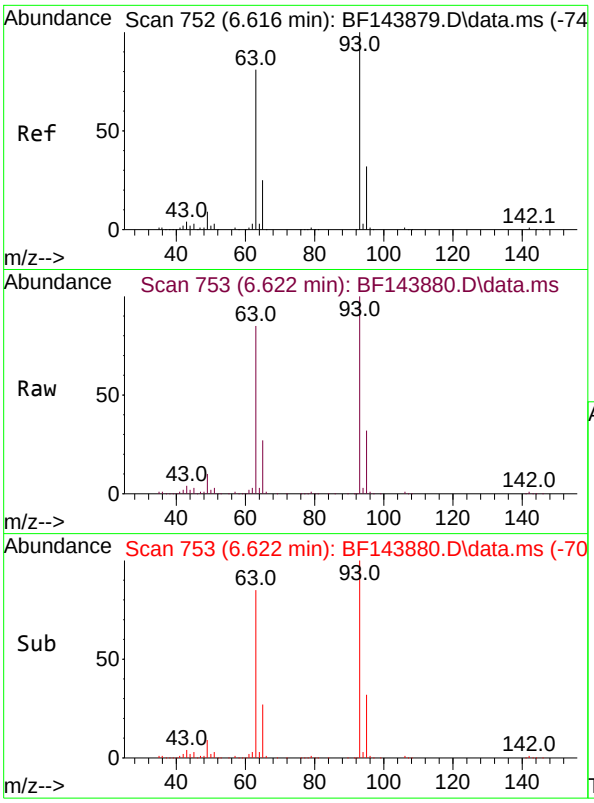


#10
Phenol
Concen: 48.932 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion: 94 Resp: 799210

Ion	Ratio	Lower	Upper
94	100		
65	31.4	8.5	48.5
66	44.7	19.9	59.9



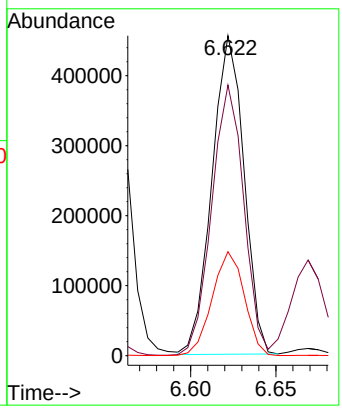


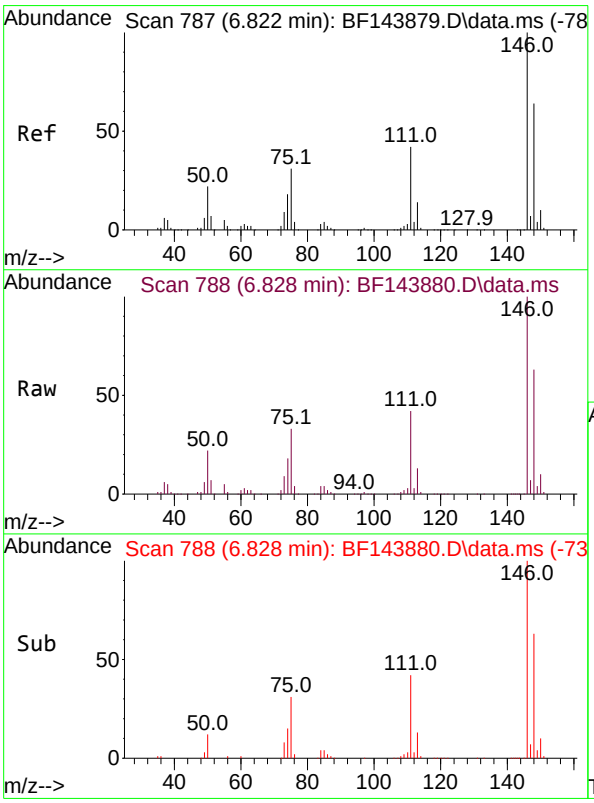
#11
bis(2-Chloroethyl)ether
Concen: 47.169 ng
RT: 6.622 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 93 Resp: 595127

Ion	Ratio	Lower	Upper
93	100		
63	84.5	60.9	100.9
95	32.5	11.5	51.5

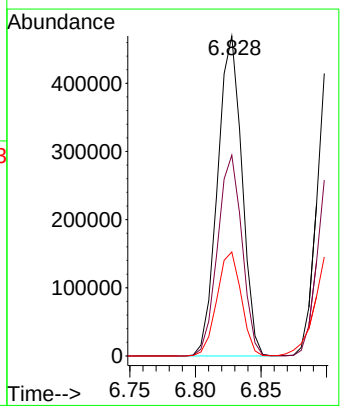


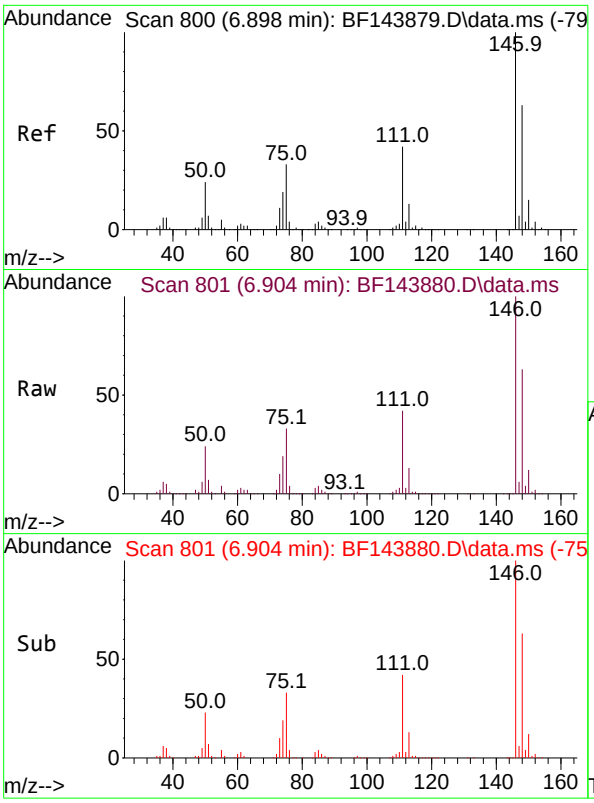


#12
1,3-Dichlorobenzene
Concen: 45.318 ng
RT: 6.828 min Scan# 788
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:146 Resp: 607764

Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.0	76.4
75	32.5	24.9	37.3



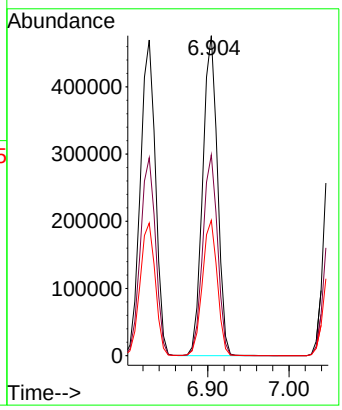


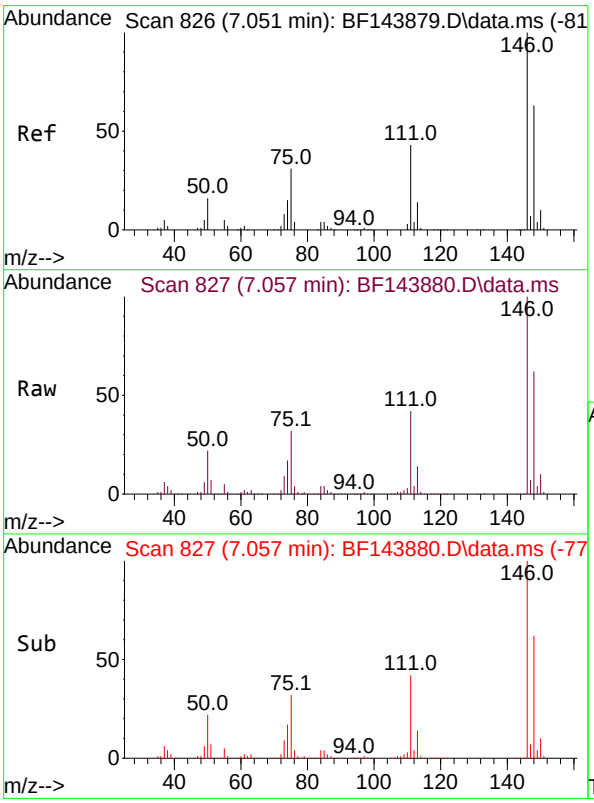
#13
1,4-Dichlorobenzene
Concen: 45.612 ng
RT: 6.904 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:146 Resp: 603407

Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.5	75.7
111	42.3	33.4	50.0

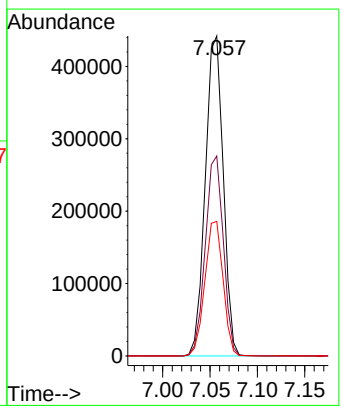


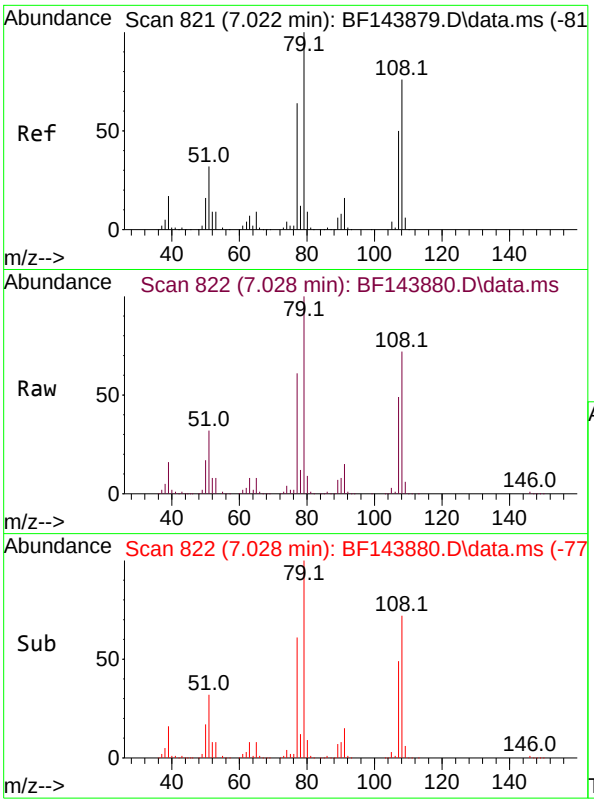


#14
1,2-Dichlorobenzene
Concen: 46.072 ng
RT: 7.057 min Scan# 827
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:146 Resp: 583790

Ion	Ratio	Lower	Upper
146	100		
148	62.5	50.6	75.8
111	42.0	34.6	51.8



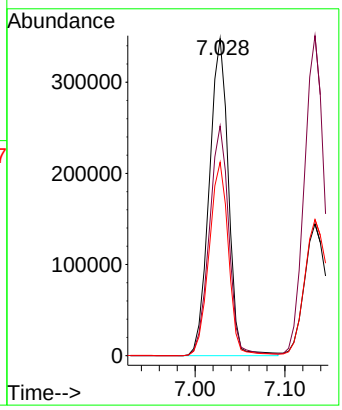


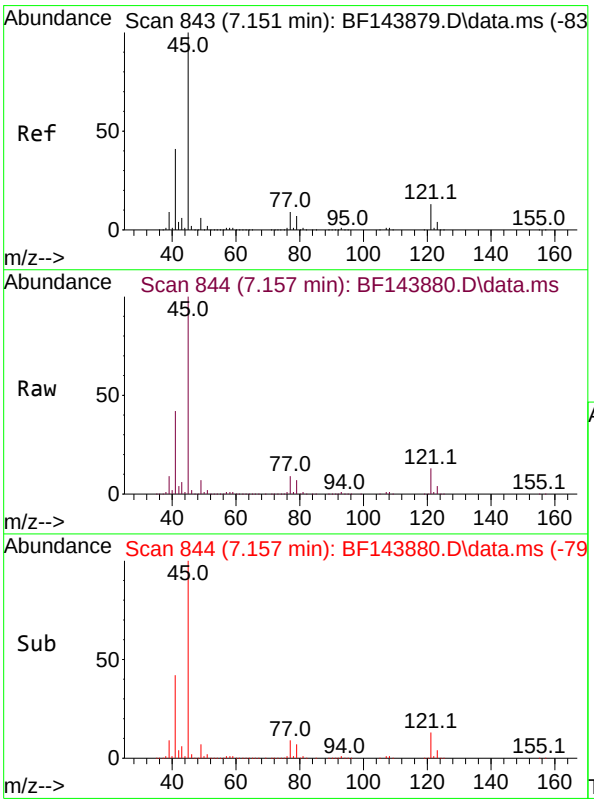
#15
Benzyl Alcohol
Concen: 50.402 ng
RT: 7.028 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 515929

Ion	Ratio	Lower	Upper
79	100		
108	72.4	60.8	91.2
77	61.0	51.0	76.6

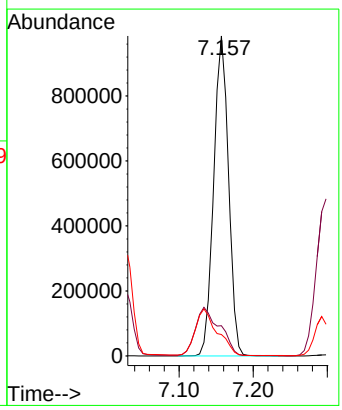


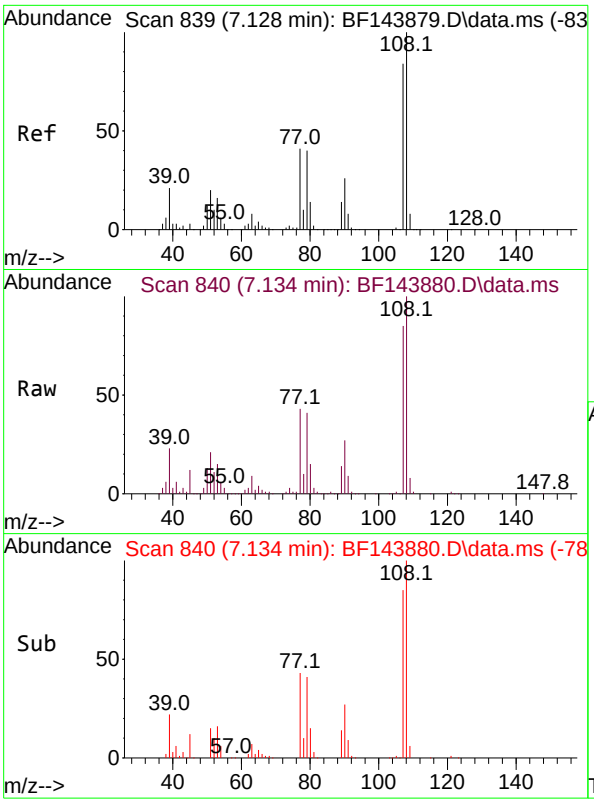


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.652 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion: 45 Resp: 1368524

Ion	Ratio	Lower	Upper
45	100		
77	9.4	0.0	29.0
79	6.7	0.0	26.8



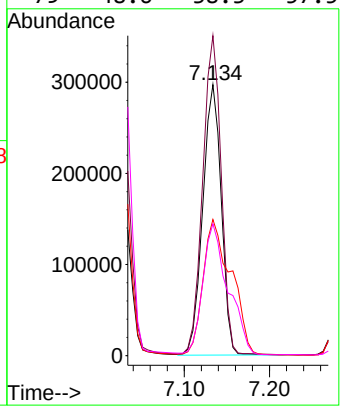


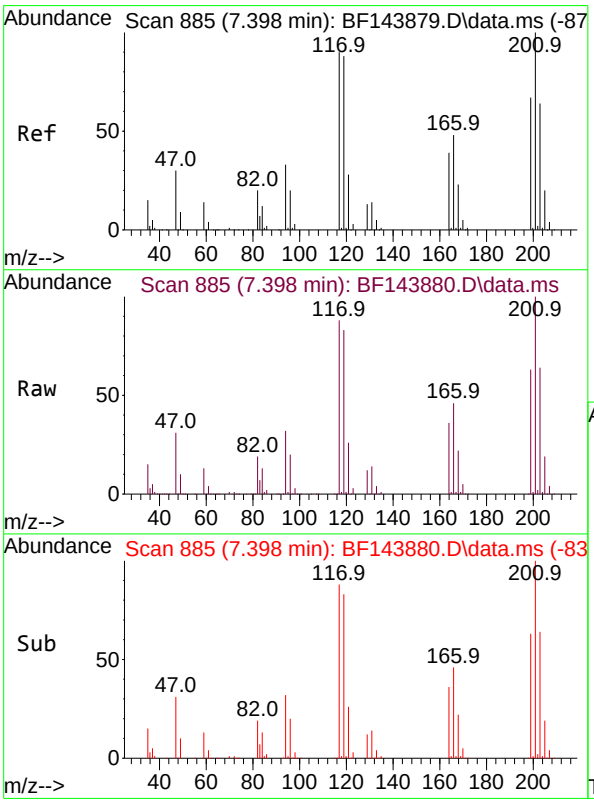
#17
2-Methylphenol
Concen: 48.397 ng
RT: 7.134 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:107 Resp: 448120

Ion	Ratio	Lower	Upper
107	100		
108	118.1	94.7	142.1
77	50.2	38.8	58.2
79	48.6	38.3	57.5

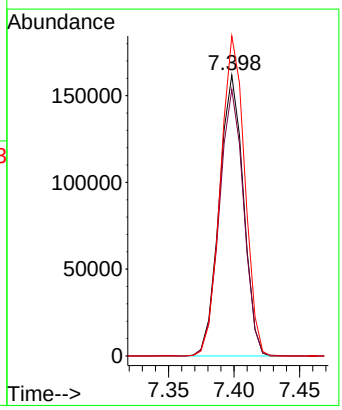


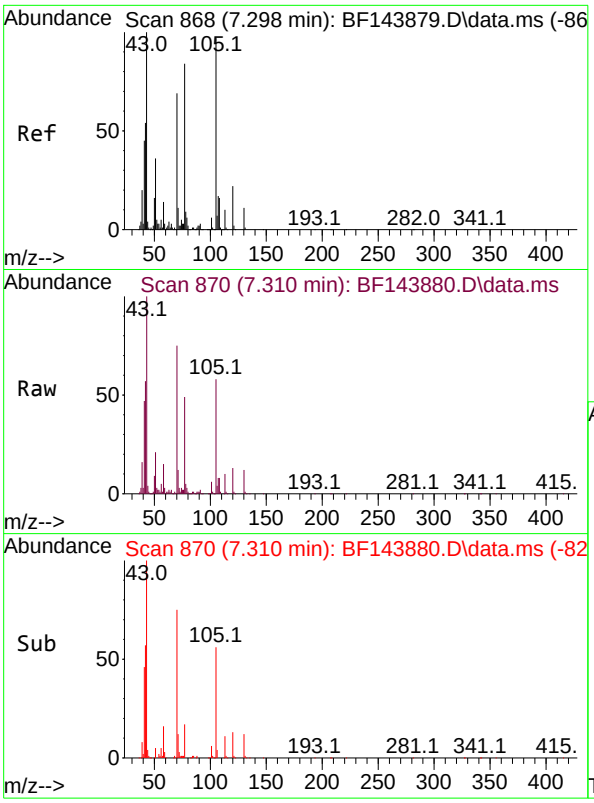


#18
Hexachloroethane
Concen: 47.017 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:117 Resp: 207432

Ion	Ratio	Lower	Upper
117	100		
119	94.9	77.8	116.8
201	114.0	88.5	132.7



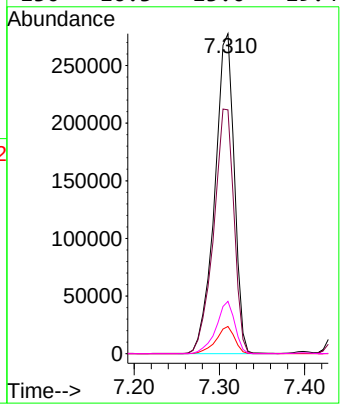


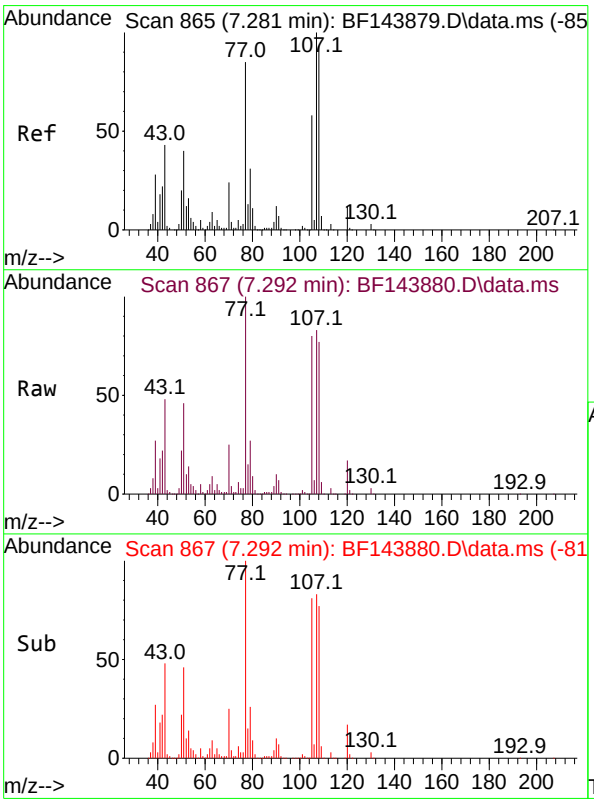
#19
n-Nitroso-di-n-propylamine
Concen: 47.198 ng
RT: 7.310 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 70 Resp: 441373

Ion	Ratio	Lower	Upper
70	100		
42	76.2	62.8	94.2
101	8.5	6.7	10.1
130	16.3	13.0	19.4

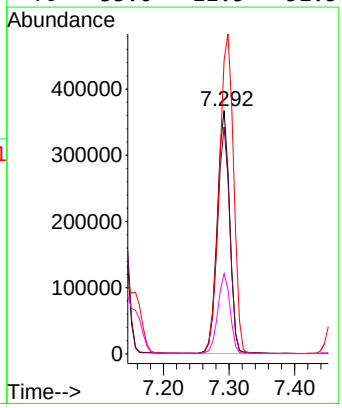


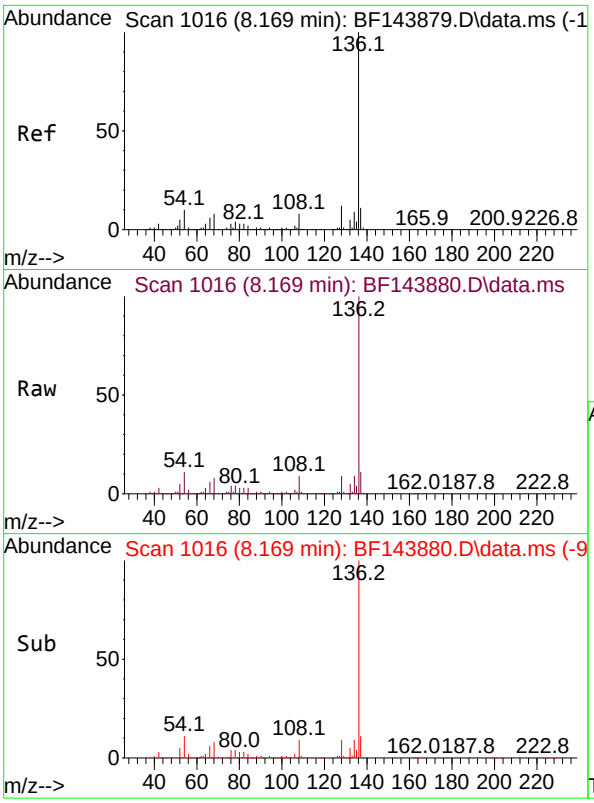


#20
3+4-Methylphenols
Concen: 45.276 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:107 Resp: 485879

Ion	Ratio	Lower	Upper
107	100		
108	93.2	73.0	113.0
77	120.9	64.6	104.6#
79	33.0	11.5	51.5



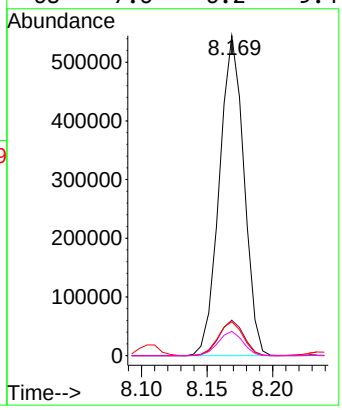


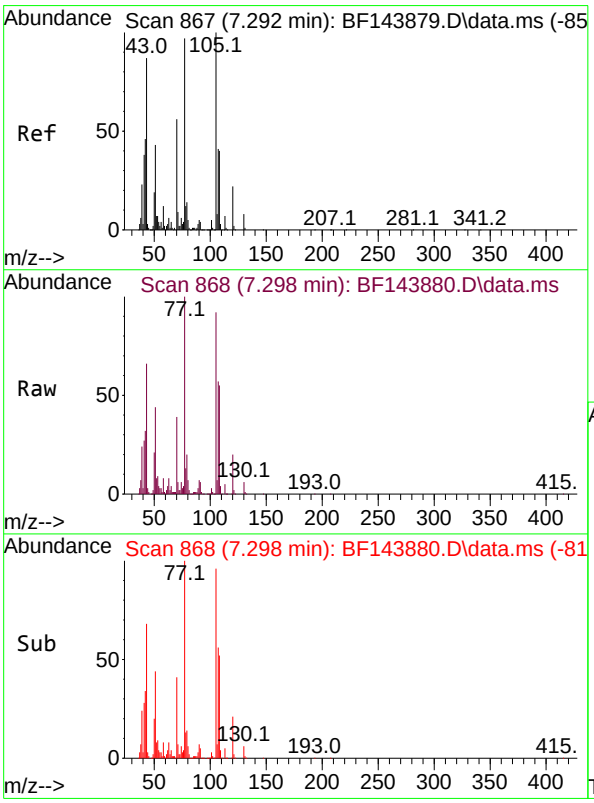
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:136 Resp: 710843

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	10.6	8.2	12.4
68	7.6	6.2	9.4

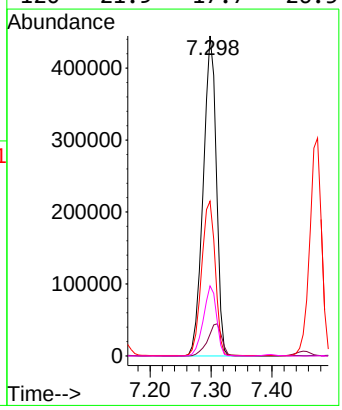


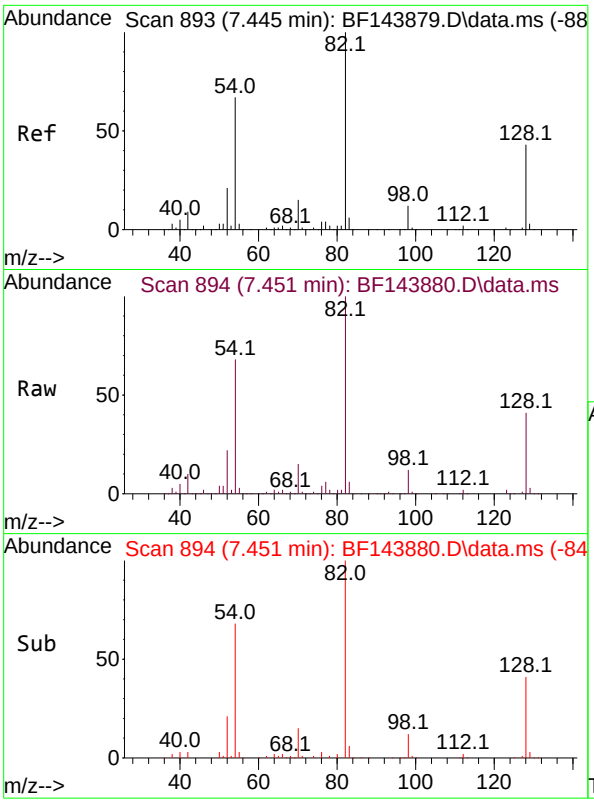


#22
Acetophenone
Concen: 44.262 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:105 Resp: 665276

Ion	Ratio	Lower	Upper
105	100		
71	6.8	7.4	11.0#
51	48.3	34.2	51.4
120	21.9	17.7	26.5



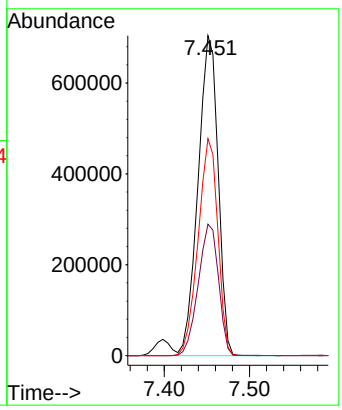


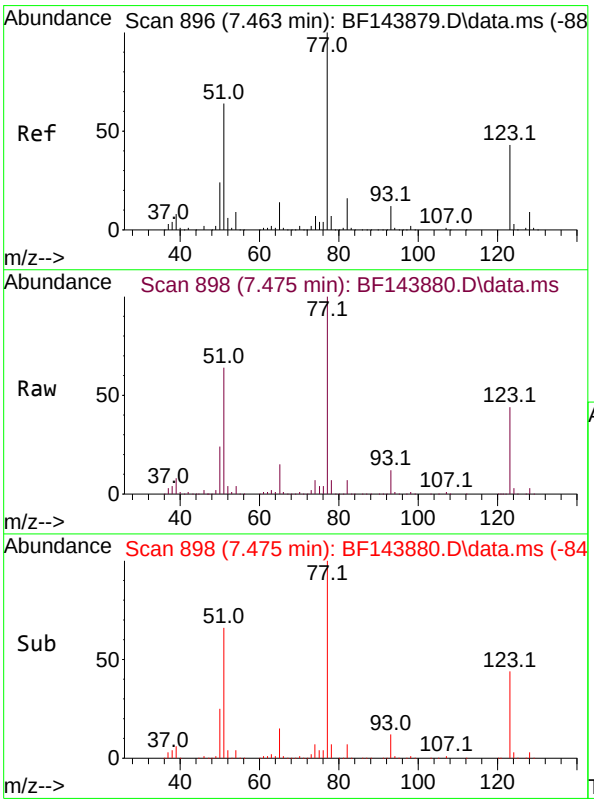
#23
Nitrobenzene-d5
Concen: 98.174 ng
RT: 7.451 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 1148649

Ion	Ratio	Lower	Upper
82	100		
128	41.1	34.0	51.0
54	67.8	53.2	79.8

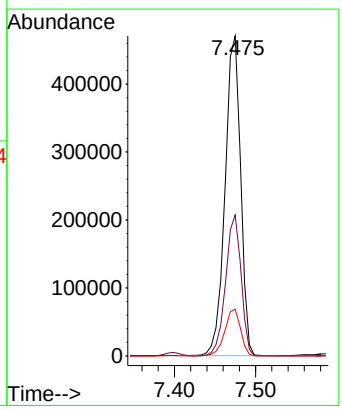


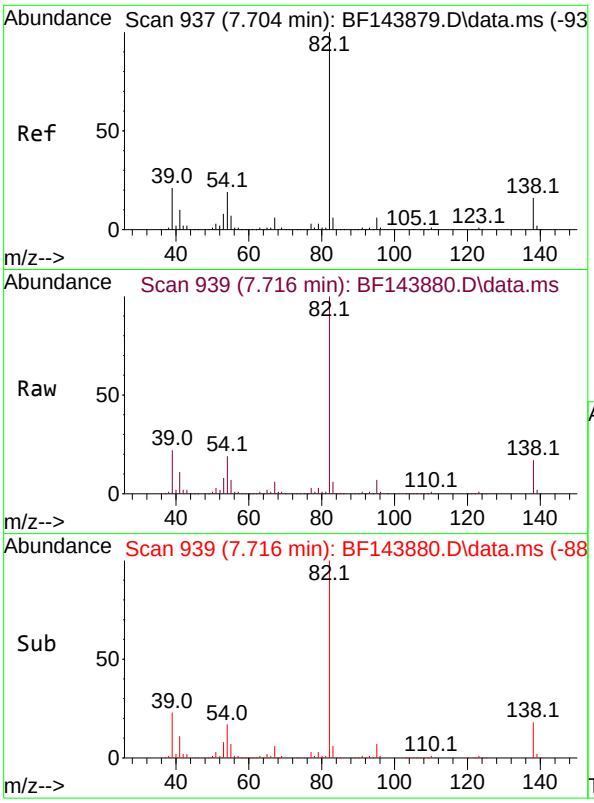


#24
Nitrobenzene
Concen: 48.155 ng
RT: 7.475 min Scan# 898
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion: 77 Resp: 625692

Ion	Ratio	Lower	Upper
77	100		
123	44.0	34.2	51.4
65	14.6	11.0	16.6



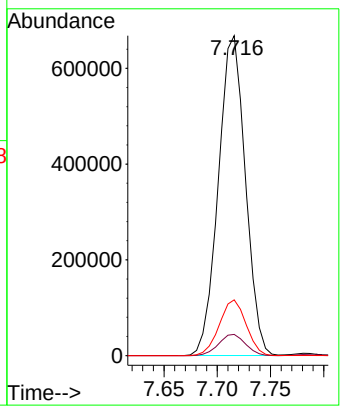


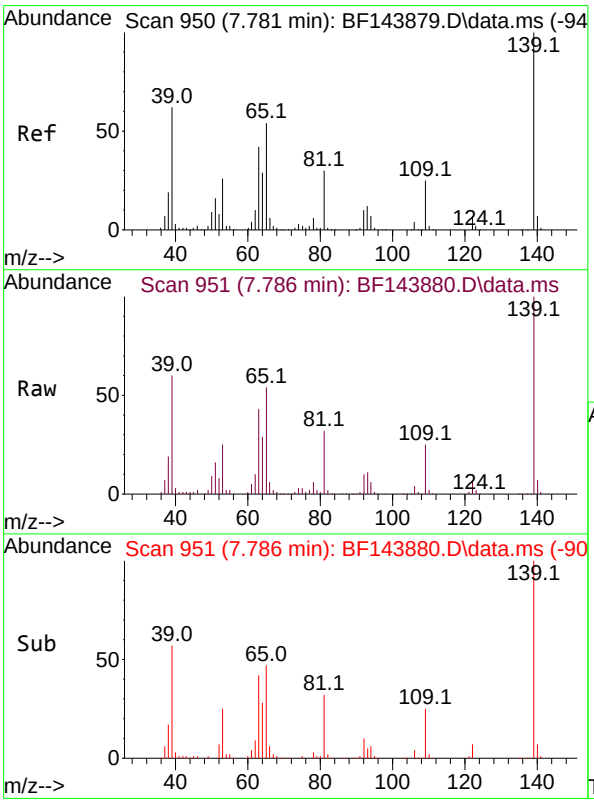
#25
Isophorone
Concen: 47.877 ng
RT: 7.716 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 1181135

Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.1	7.7
138	17.4	12.9	19.3

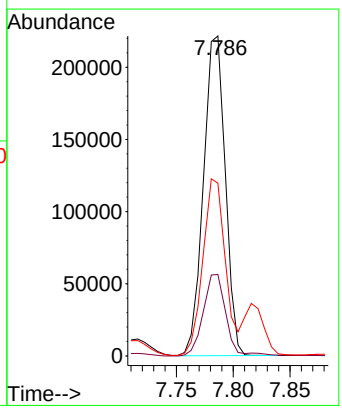


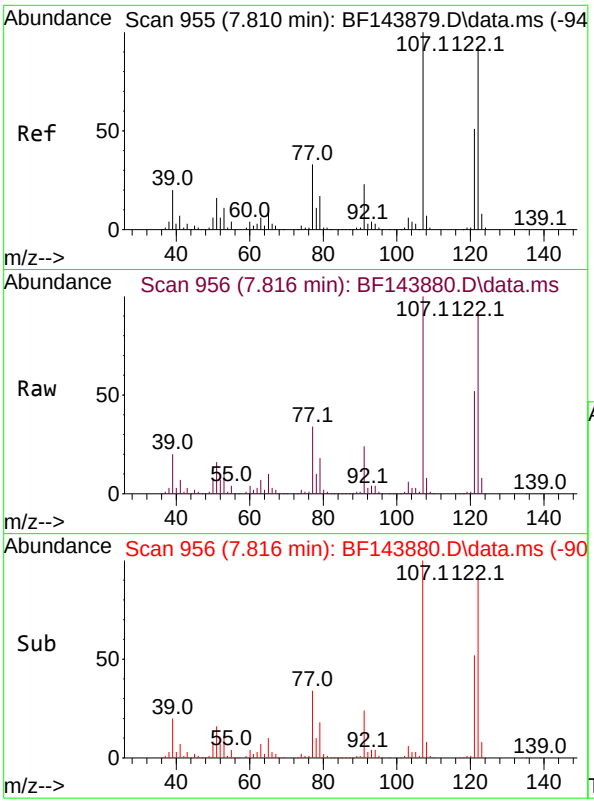


#26
2-Nitrophenol
Concen: 53.208 ng
RT: 7.786 min Scan# 951
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:139 Resp: 296399

Ion	Ratio	Lower	Upper
139	100		
109	25.5	19.8	29.6
65	54.0	42.9	64.3



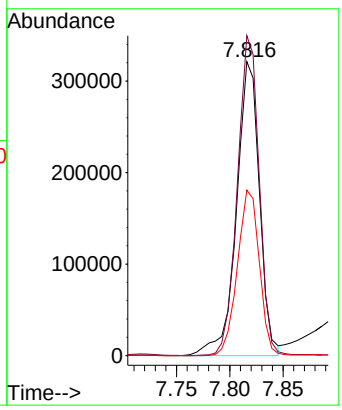


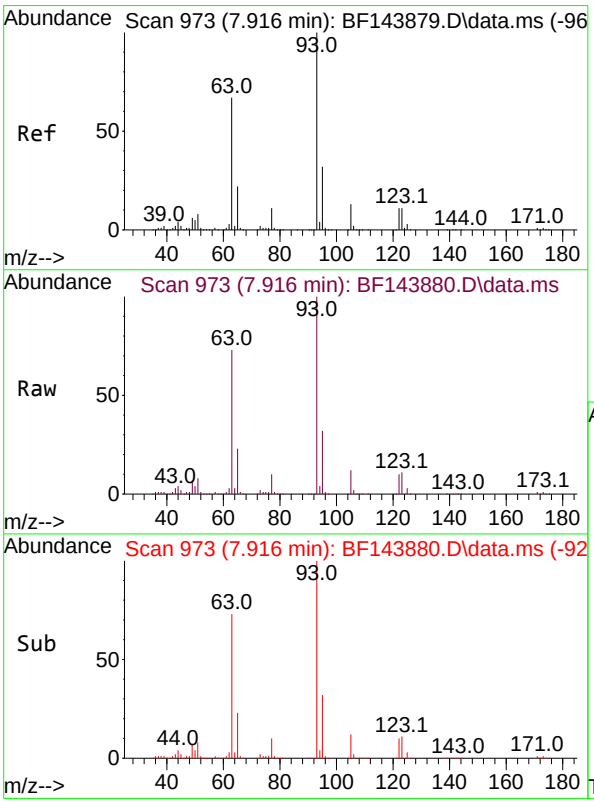
#27
2,4-Dimethylphenol
Concen: 47.987 ng
RT: 7.816 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:122 Resp: 480868

Ion	Ratio	Lower	Upper
122	100		
107	108.8	86.1	129.1
121	56.3	43.8	65.6

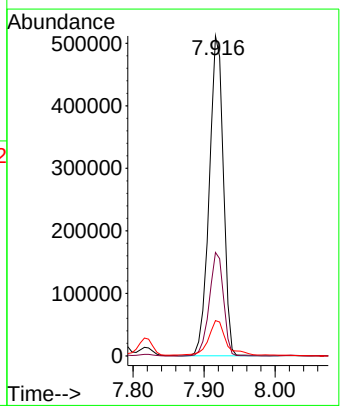


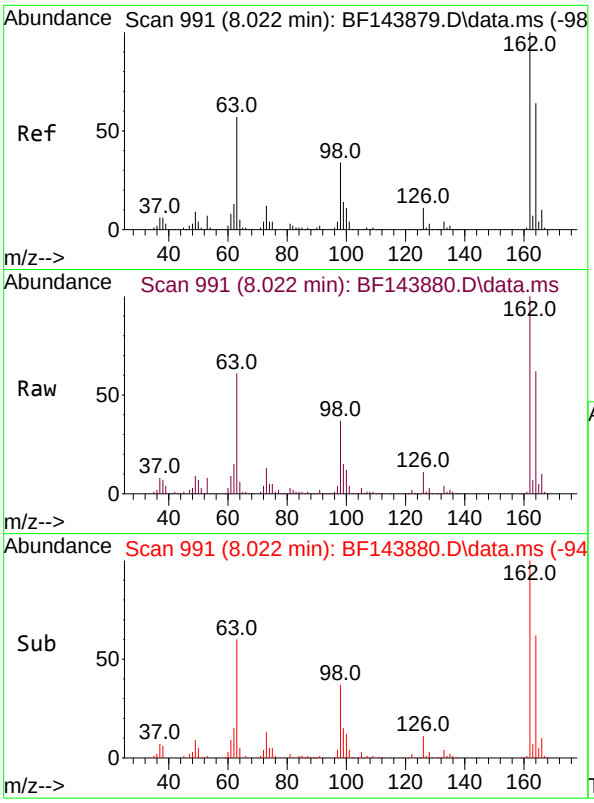


#28
bis(2-Chloroethoxy)methane
Concen: 45.333 ng
RT: 7.916 min Scan# 973
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion: 93 Resp: 706471

Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.9	38.9
123	11.0	9.4	14.0



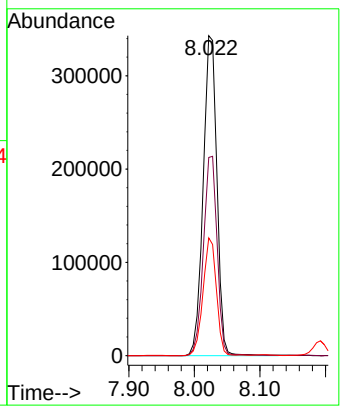


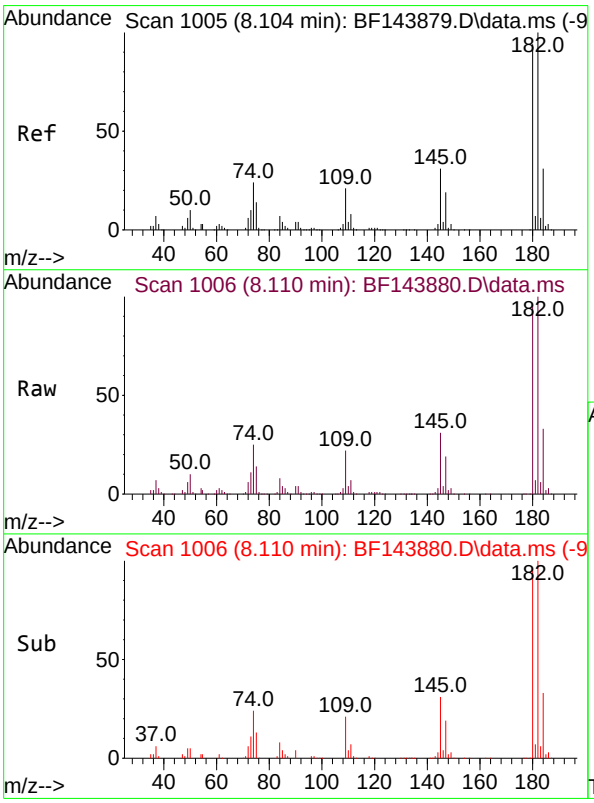
#29
2,4-Dichlorophenol
Concen: 47.642 ng
RT: 8.022 min Scan# 99
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 497289

Ion	Ratio	Lower	Upper
162	100		
164	61.9	43.9	83.9
98	36.8	14.4	54.4

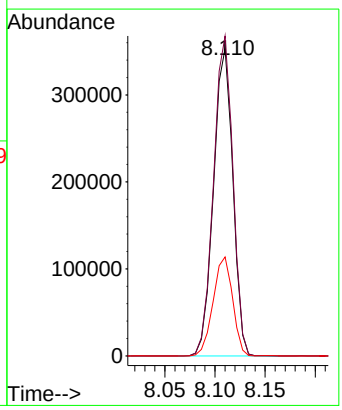


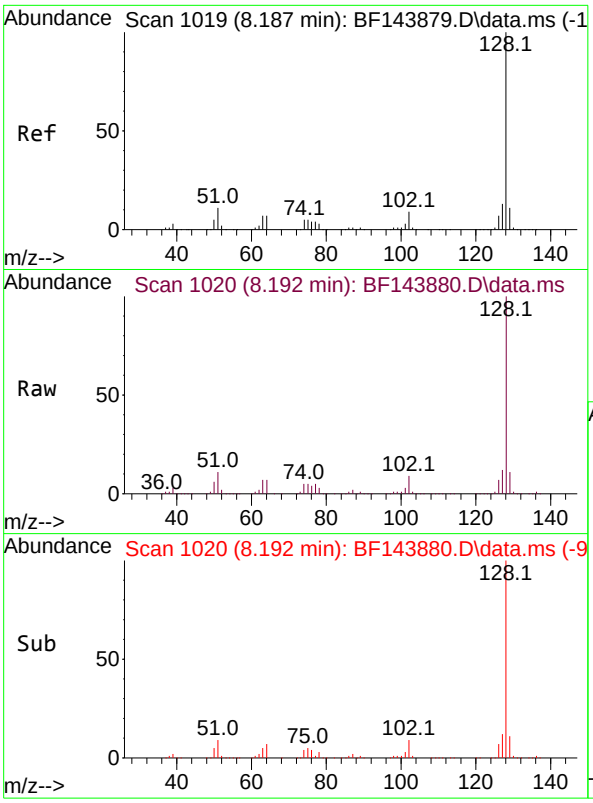


#30
1,2,4-Trichlorobenzene
Concen: 46.083 ng
RT: 8.110 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:180 Resp: 473064

Ion	Ratio	Lower	Upper
180	100		
182	104.1	85.4	128.0
145	32.2	26.3	39.5



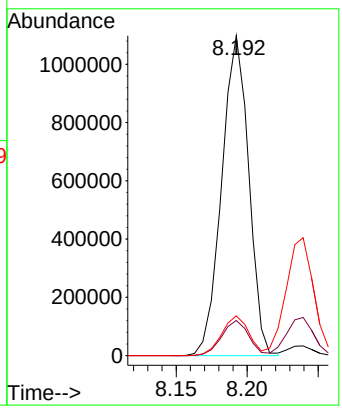


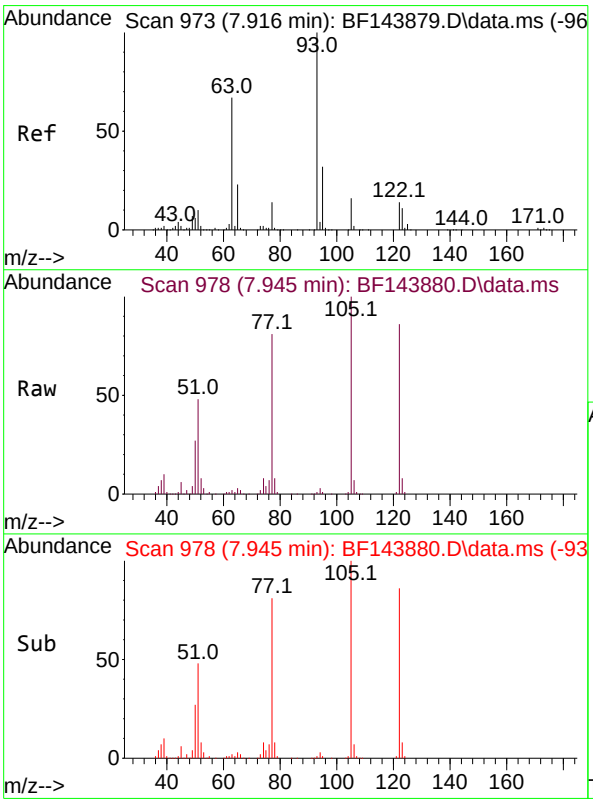
#31
Naphthalene
Concen: 44.890 ng
RT: 8.192 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:128 Resp: 1451547

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	12.4	10.0	15.0

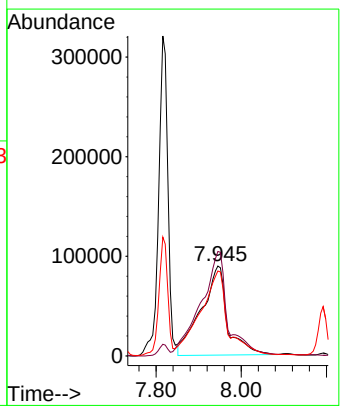


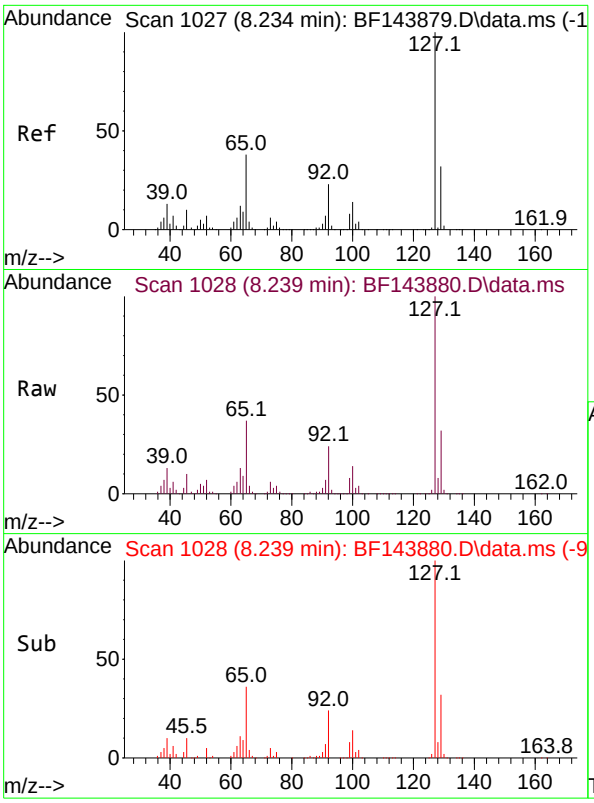


#32
Benzoic acid
Concen: 55.462 ng
RT: 7.945 min Scan# 978
Delta R.T. -0.018 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:122 Resp: 384635

Ion	Ratio	Lower	Upper
122	100		
105	116.3	93.5	133.5
77	94.5	76.3	116.3



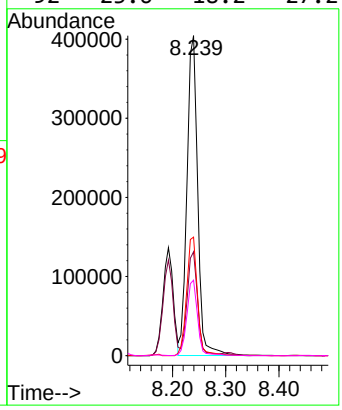


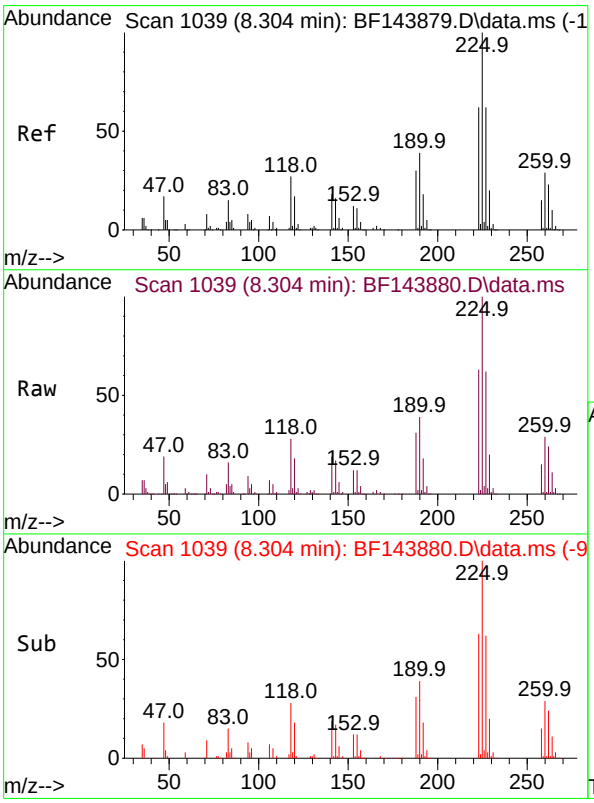
#33
4-Chloroaniline
Concen: 46.813 ng
RT: 8.239 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:127 Resp: 567726

Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.8	38.8
65	37.0	30.0	45.0
92	23.6	18.2	27.2

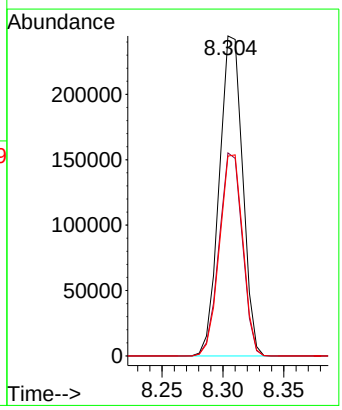


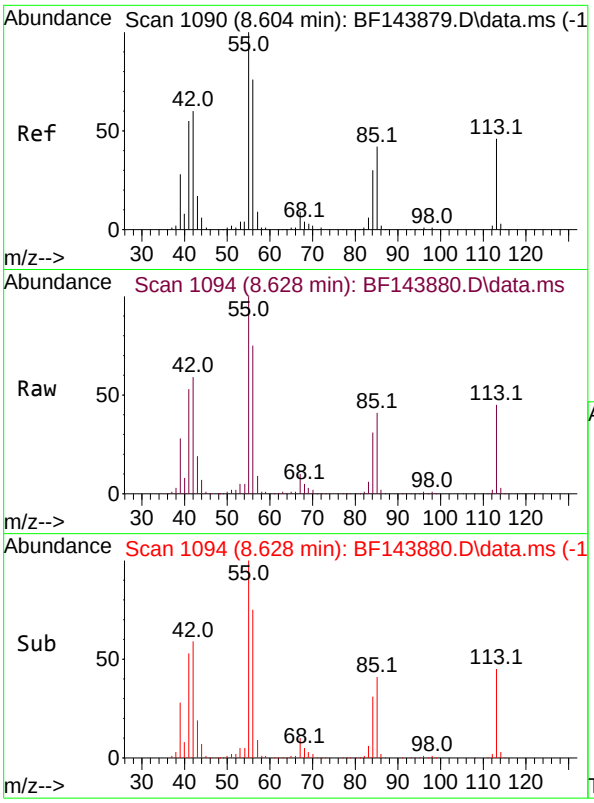


#34
Hexachlorobutadiene
Concen: 45.586 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:225 Resp: 325186

Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.4	74.2
227	62.4	49.7	74.5



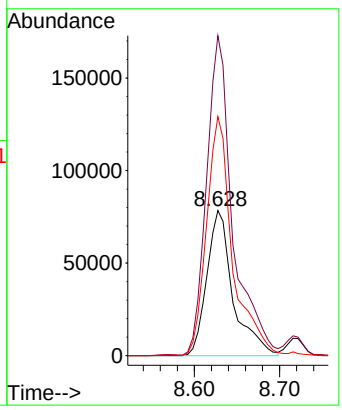


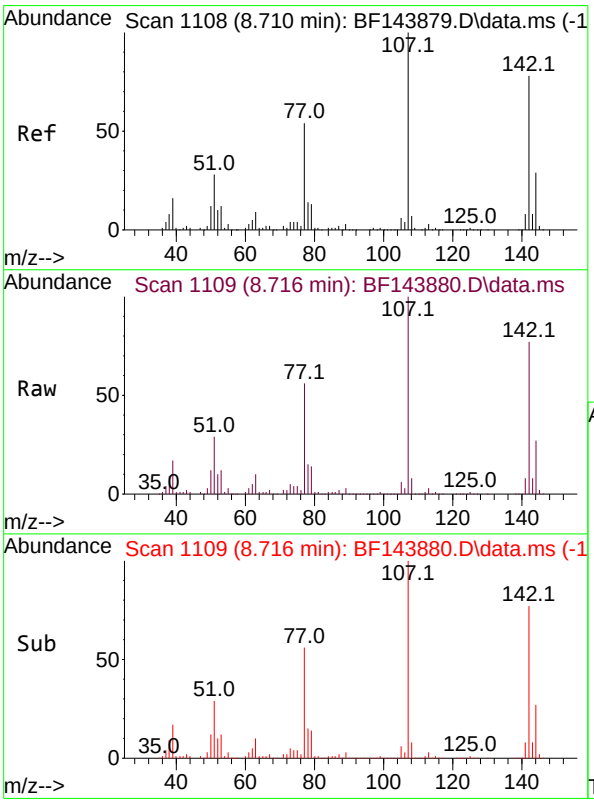
#35
Caprolactam
Concen: 50.565 ng
RT: 8.628 min Scan# 10
Delta R.T. -0.018 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:113 Resp: 167817

Ion	Ratio	Lower	Upper
113	100		
55	220.6	199.6	239.6
56	164.8	146.0	186.0

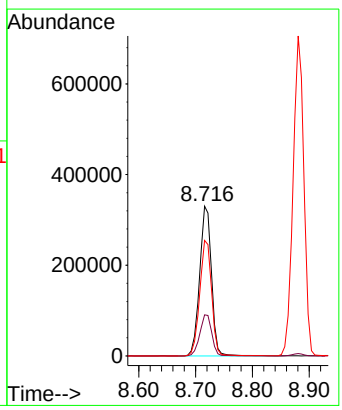


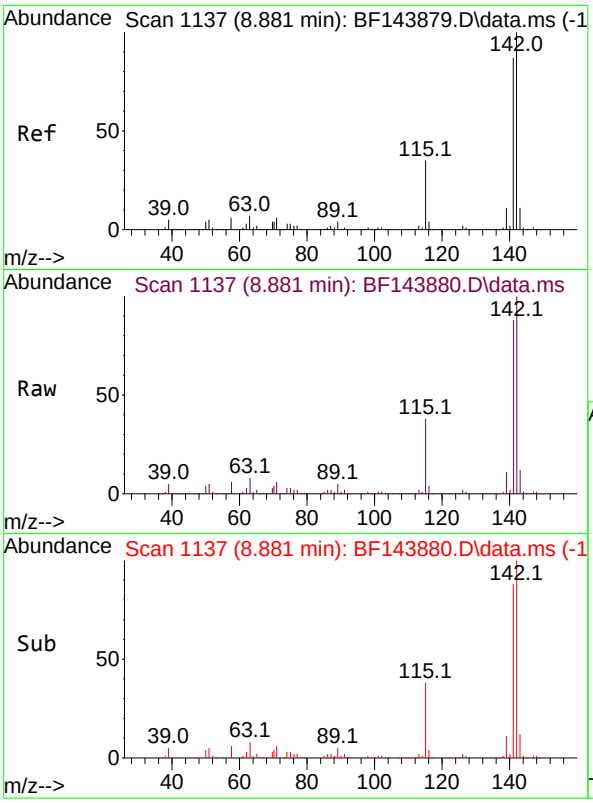


#36
4-Chloro-3-methylphenol
Concen: 47.612 ng
RT: 8.716 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:107 Resp: 477376

Ion	Ratio	Lower	Upper
107	100		
144	27.5	23.1	34.7
142	77.1	62.6	94.0



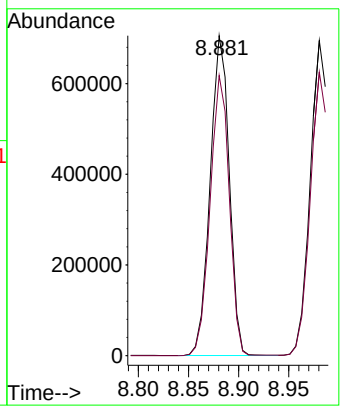


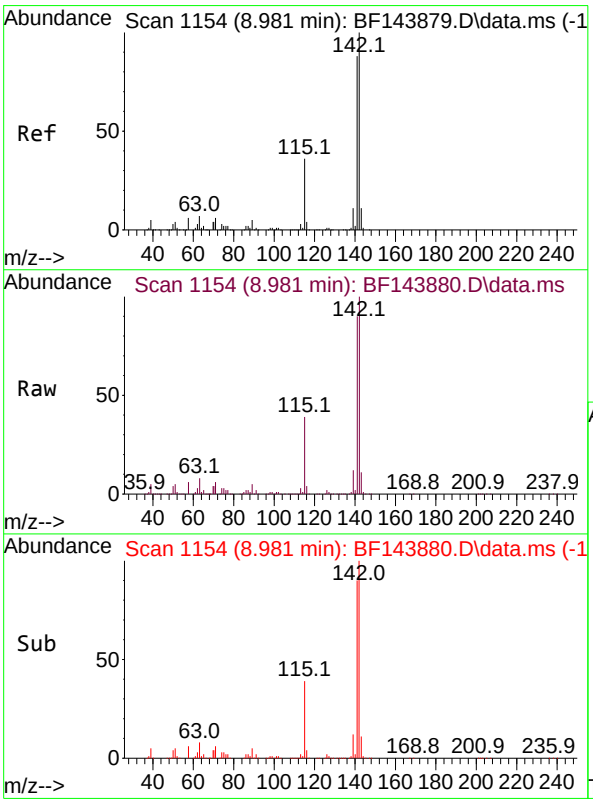
#37
2-Methylnaphthalene
Concen: 43.453 ng
RT: 8.881 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:142 Resp: 935960

Ion	Ratio	Lower	Upper
142	100		
141	87.5	69.2	103.8

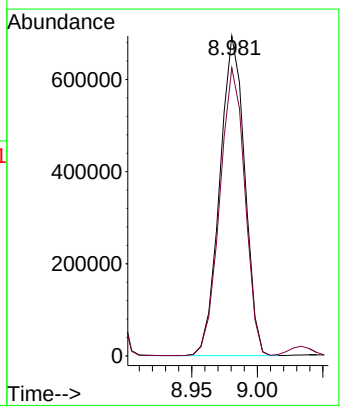


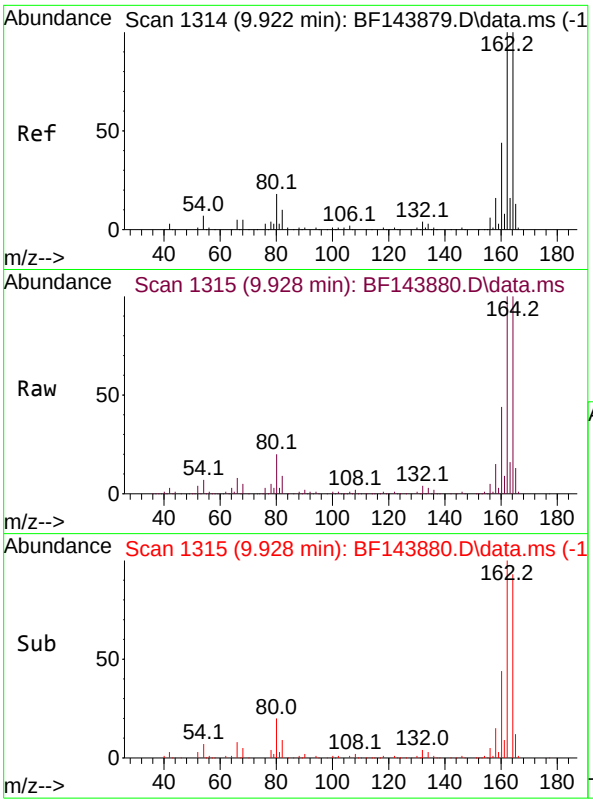


#38
1-Methylnaphthalene
Concen: 43.965 ng
RT: 8.981 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:142 Resp: 918550

Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.8	106.2



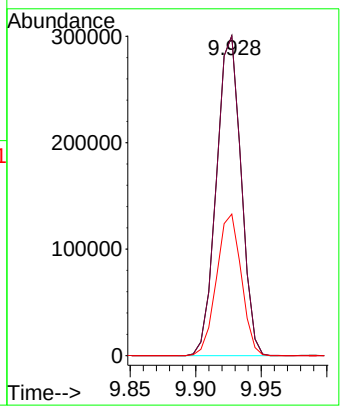


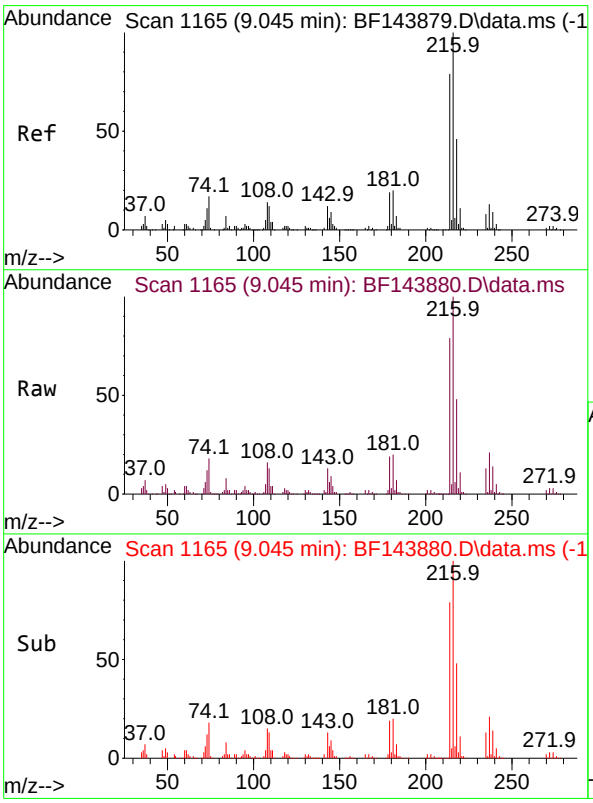
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1
Delta R.T. 0.001 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:164 Resp: 393762

Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.2	120.2
160	44.2	35.4	53.0

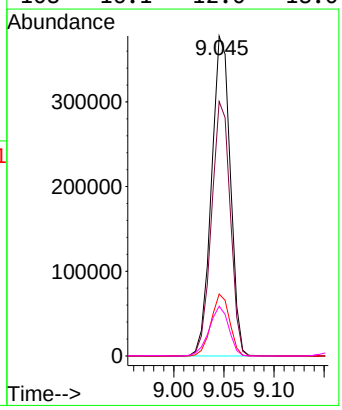


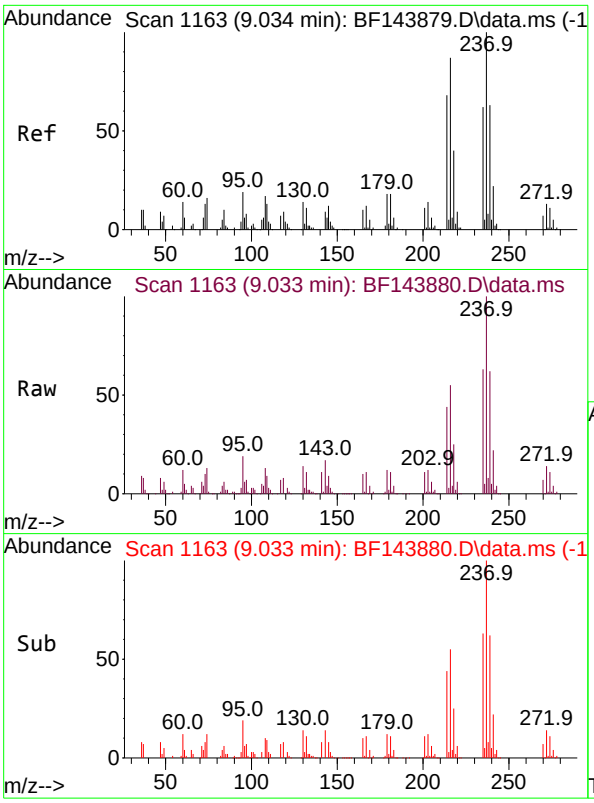


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.187 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:216 Resp: 491771

Ion	Ratio	Lower	Upper
216	100		
214	79.2	62.6	94.0
179	19.0	15.4	23.0
108	16.1	12.0	18.0



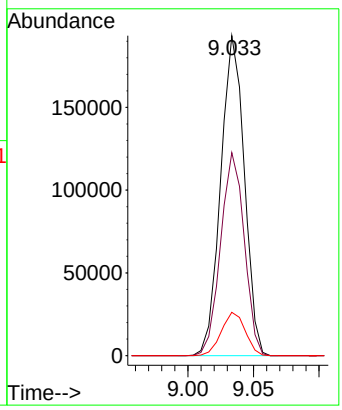


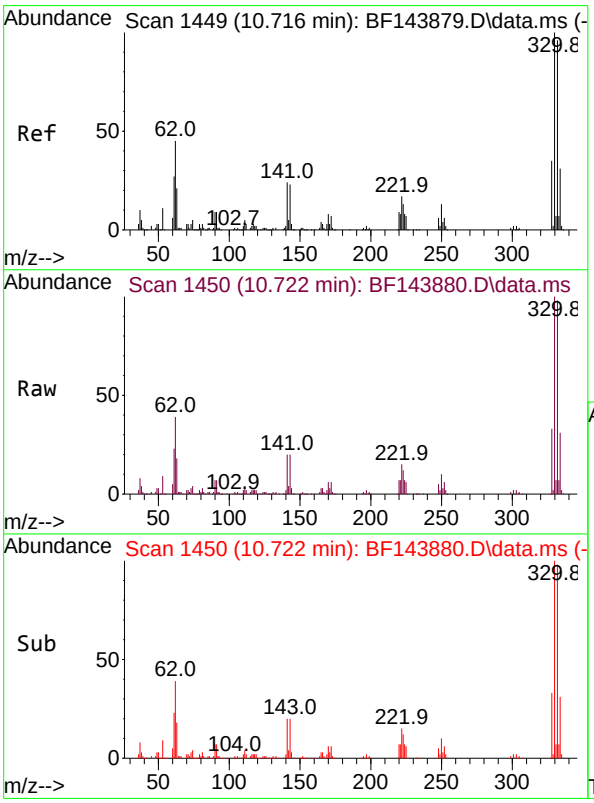
#41
Hexachlorocyclopentadiene
Concen: 53.686 ng
RT: 9.033 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:237 Resp: 242390

Ion	Ratio	Lower	Upper
237	100		
235	63.4	42.3	82.3
272	13.5	0.0	33.1

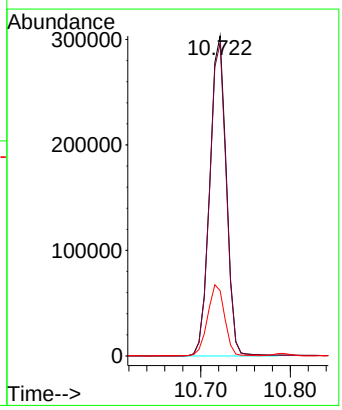


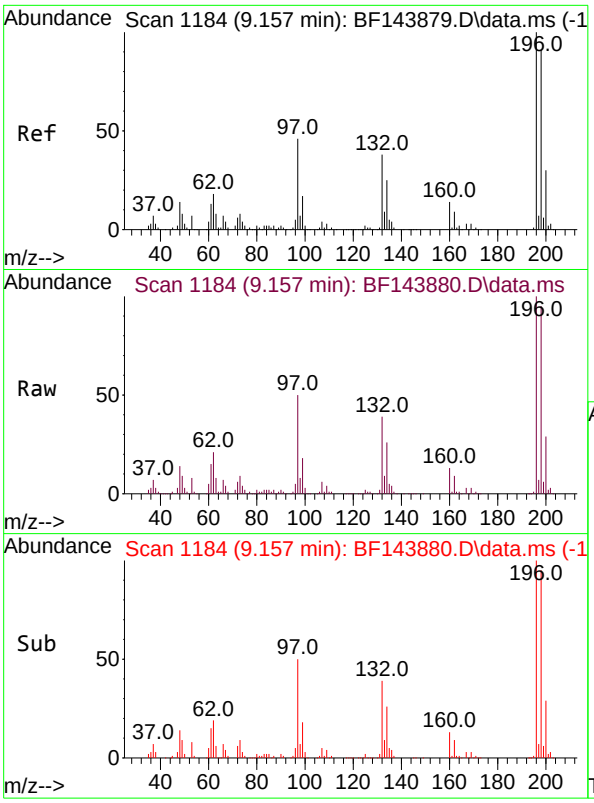


#42
2,4,6-Tribromophenol
Concen: 99.608 ng
RT: 10.722 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:330 Resp: 390657

Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.9	115.3
141	22.6	20.2	30.4



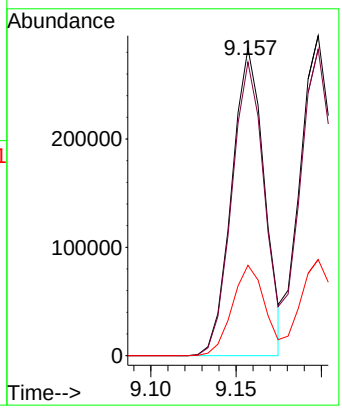


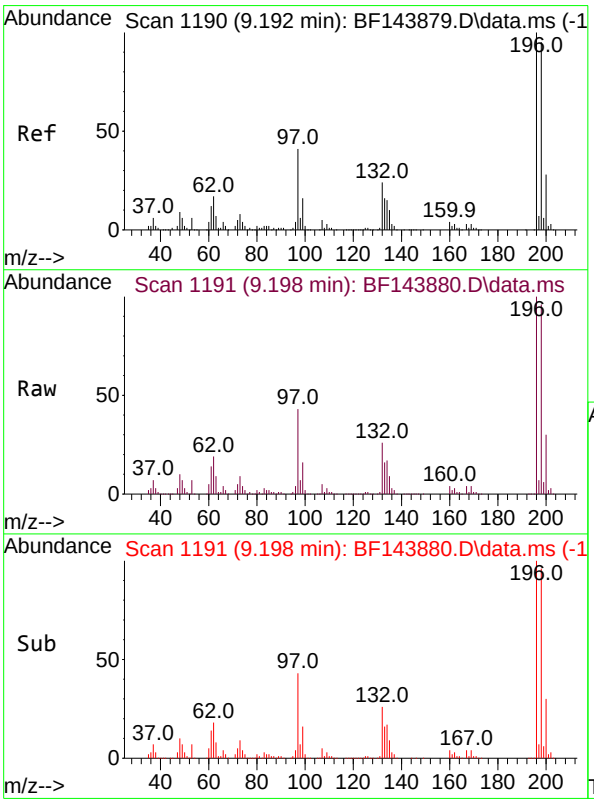
#43
2,4,6-Trichlorophenol
Concen: 47.410 ng
RT: 9.157 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:196 Resp: 376991

Ion	Ratio	Lower	Upper
196	100		
198	95.4	72.8	109.2
200	29.4	24.0	36.0

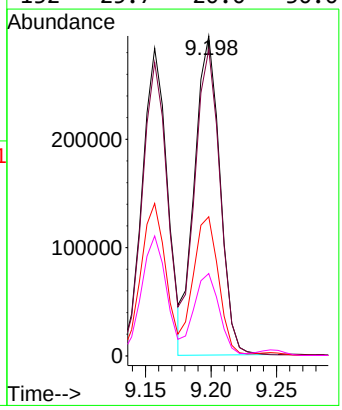


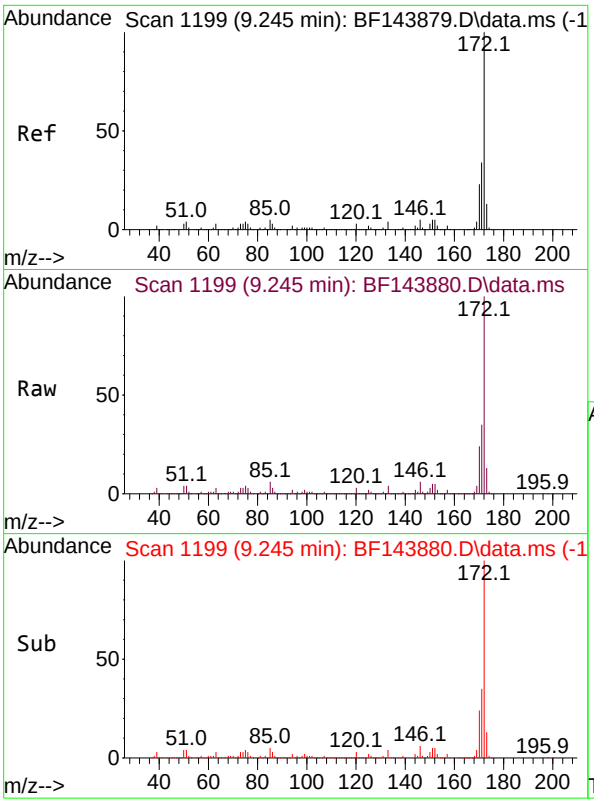


#44
2,4,5-Trichlorophenol
Concen: 47.031 ng
RT: 9.198 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:196 Resp: 395213

Ion	Ratio	Lower	Upper
196	100		
198	95.8	75.5	113.3
97	43.5	33.9	50.9
132	25.7	20.0	30.0



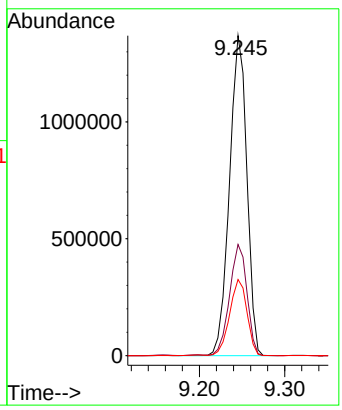


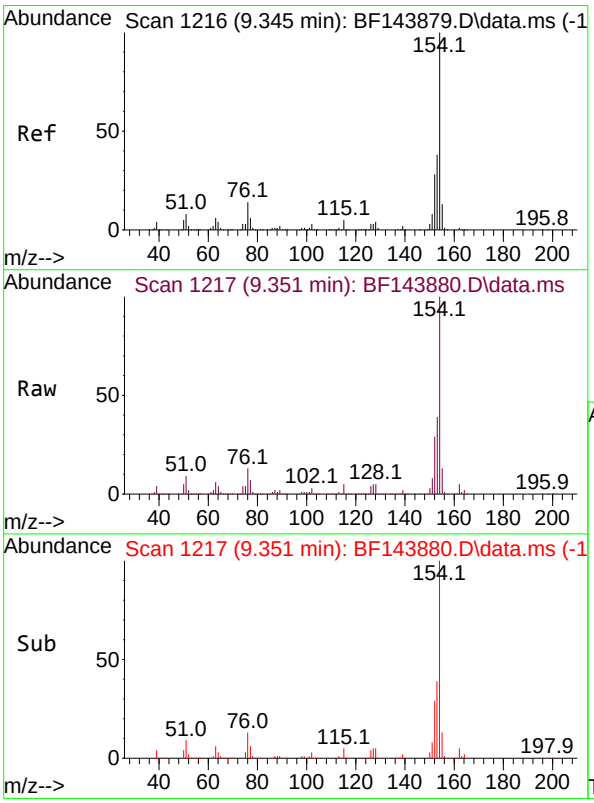
#45
2-Fluorobiphenyl
Concen: 78.050 ng
RT: 9.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:172 Resp: 1936883

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.4	41.0
170	23.8	18.6	28.0

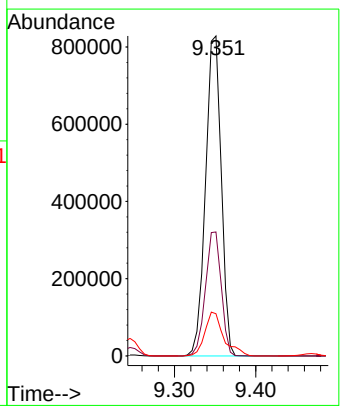


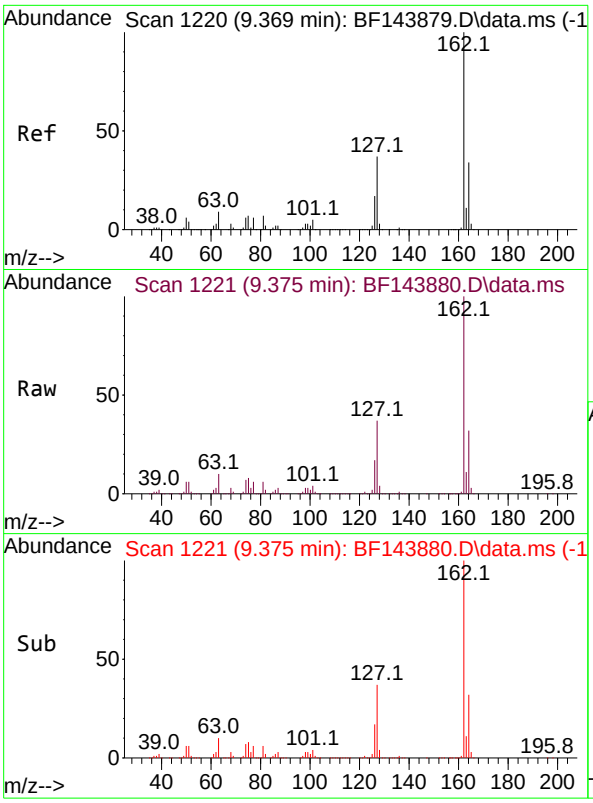


#46
1,1'-Biphenyl
Concen: 42.837 ng
RT: 9.351 min Scan# 1217
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:154 Resp: 1116775

Ion	Ratio	Lower	Upper
154	100		
153	38.7	18.4	58.4
76	13.2	0.0	34.0



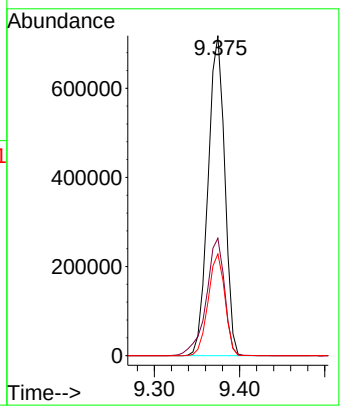


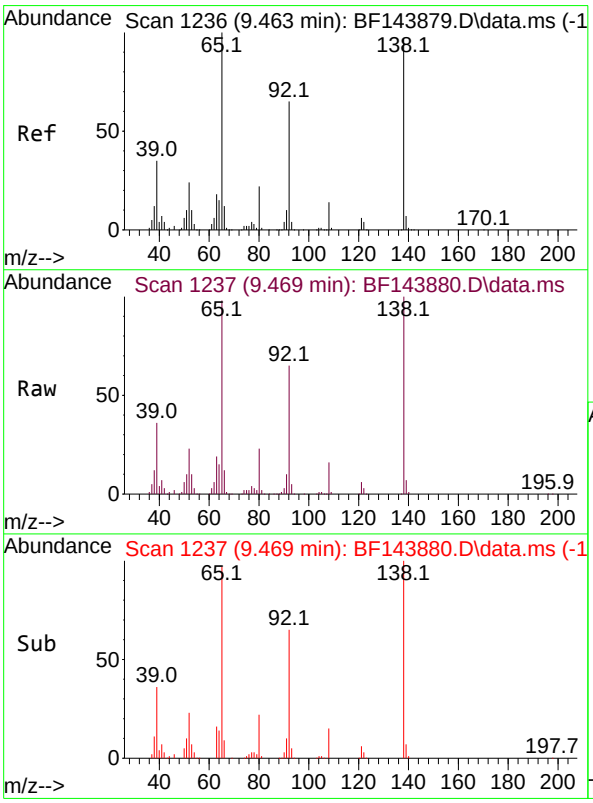
#47
2-Chloronaphthalene
Concen: 44.748 ng
RT: 9.375 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 972675

Ion	Ratio	Lower	Upper
162	100		
127	36.7	30.2	45.2
164	31.8	26.9	40.3

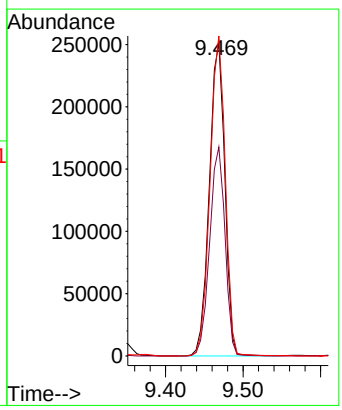


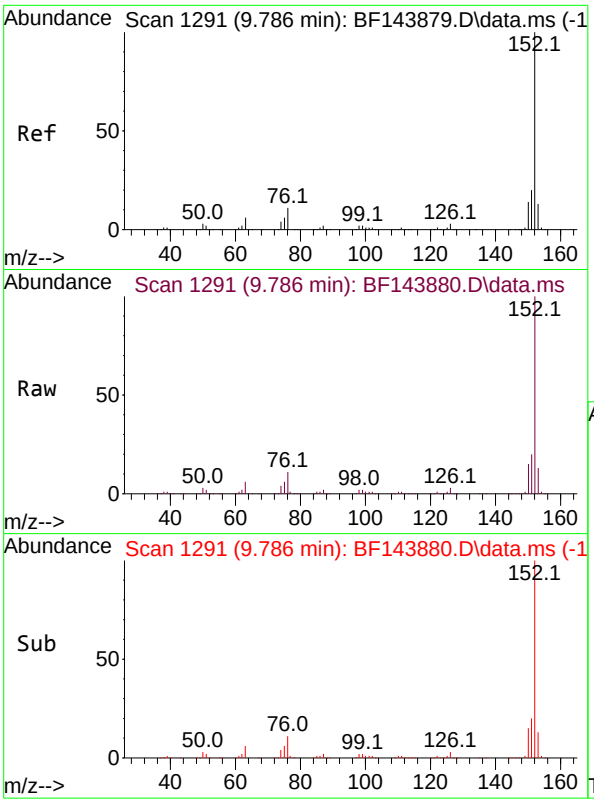


#48
2-Nitroaniline
Concen: 50.665 ng
RT: 9.469 min Scan# 1237
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion: 65 Resp: 348179

Ion	Ratio	Lower	Upper
65	100		
92	66.8	52.1	78.1
138	102.3	77.4	116.2



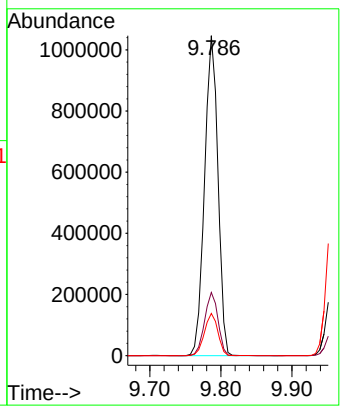


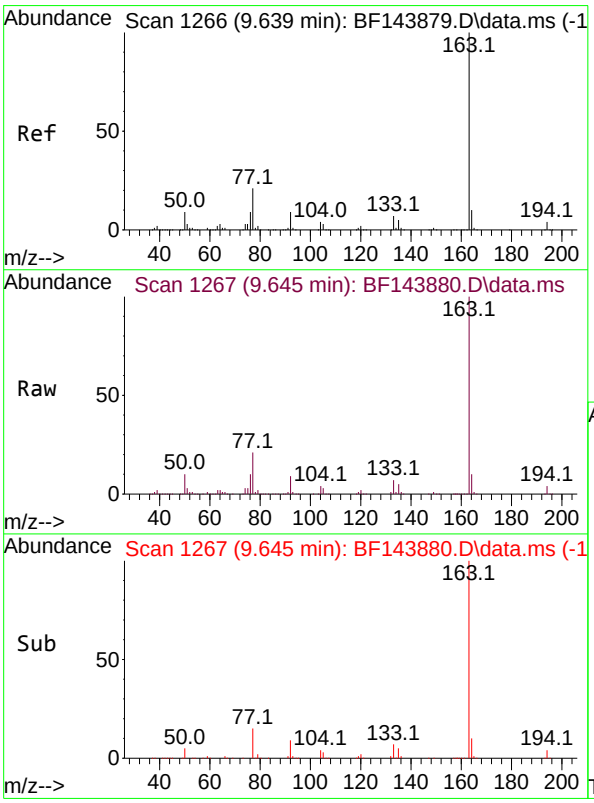
#49
Acenaphthylene
Concen: 44.642 ng
RT: 9.786 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 1364193

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	13.2	10.5	15.7

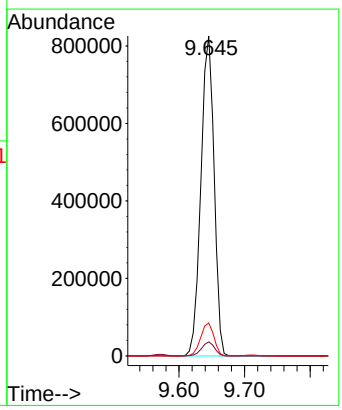


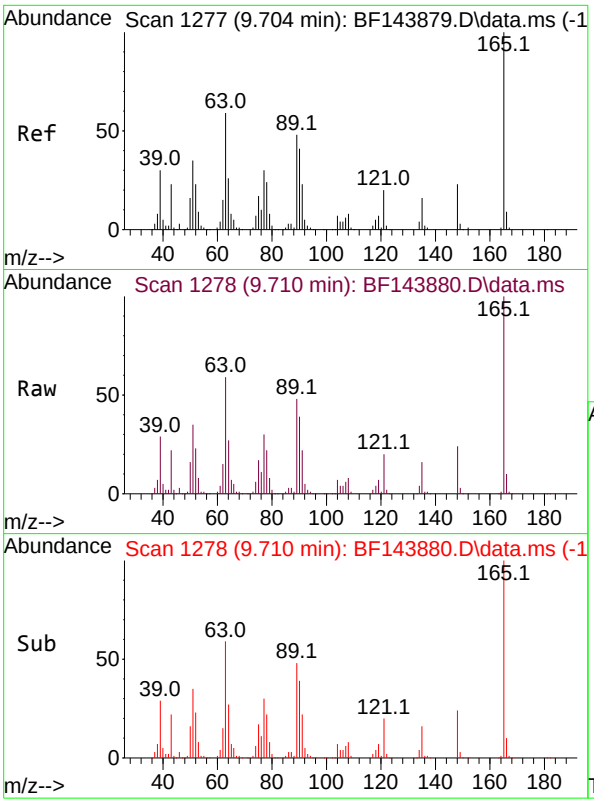


#50
Dimethylphthalate
Concen: 45.888 ng
RT: 9.645 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:163 Resp: 1147448

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.3	4.9
164	10.3	8.1	12.1



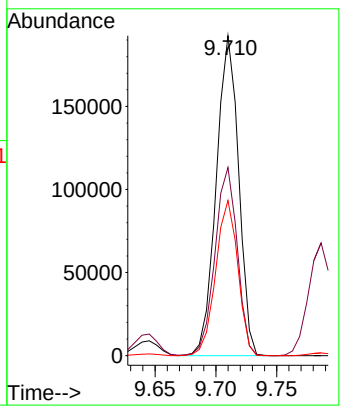


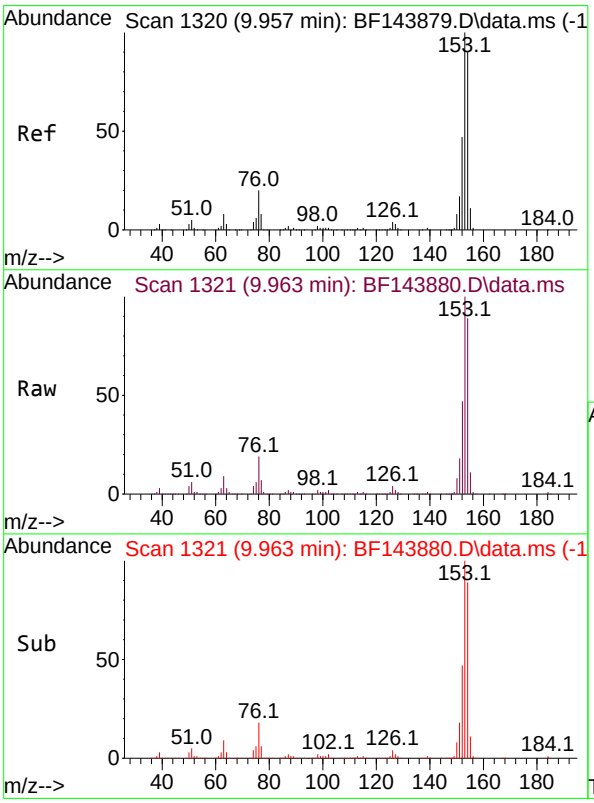
#51
2,6-Dinitrotoluene
Concen: 53.176 ng
RT: 9.710 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 246567

Ion	Ratio	Lower	Upper
165	100		
63	58.8	47.3	70.9
89	48.5	38.2	57.4

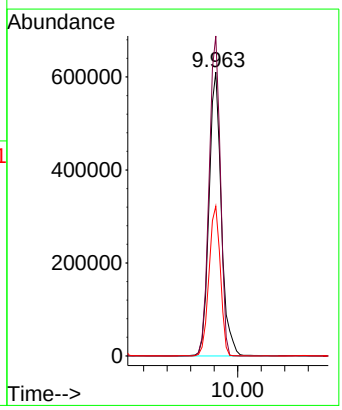


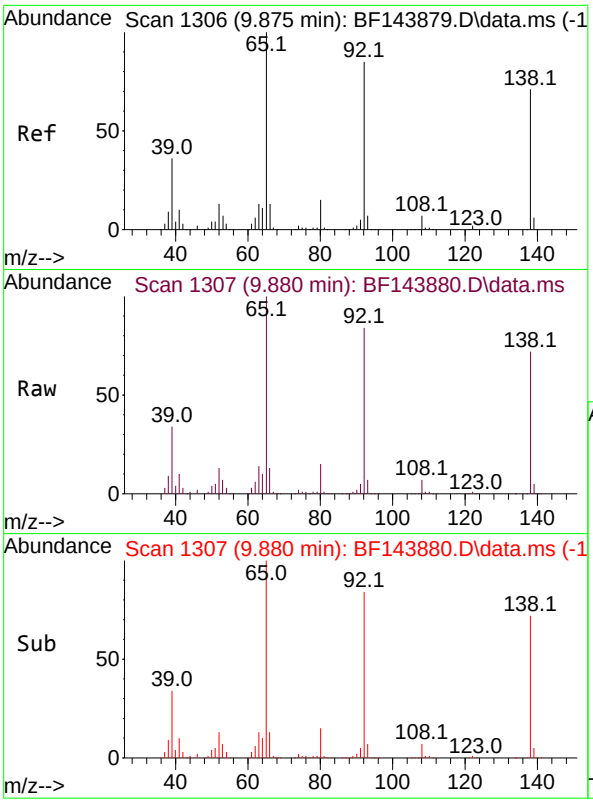


#52
Acenaphthene
Concen: 44.122 ng
RT: 9.963 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:154 Resp: 883487

Ion	Ratio	Lower	Upper
154	100		
153	112.8	89.3	133.9
152	52.7	42.2	63.2



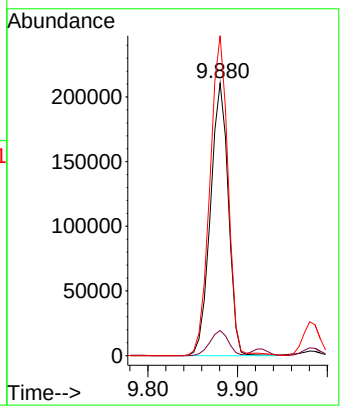


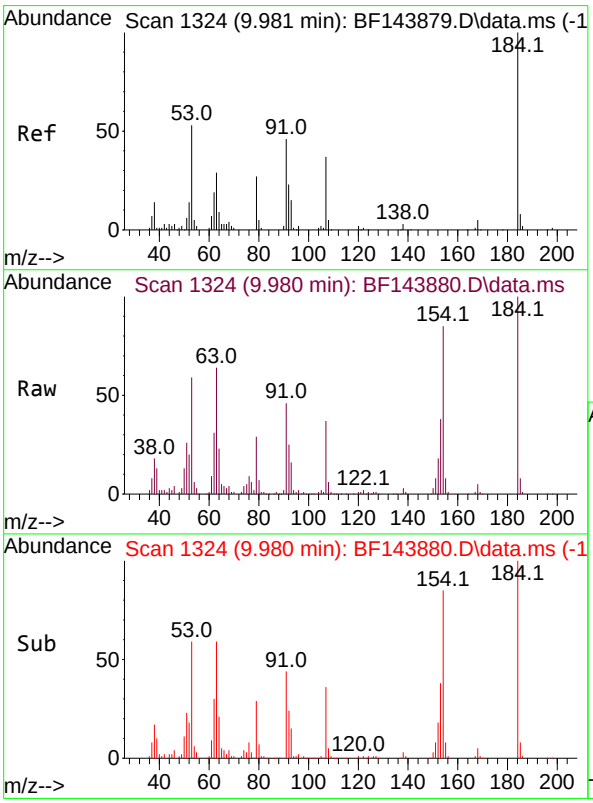
#53
3-Nitroaniline
Concen: 51.366 ng
RT: 9.880 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:138 Resp: 291630

Ion	Ratio	Lower	Upper
138	100		
108	9.2	8.3	12.5
92	117.5	96.2	144.2

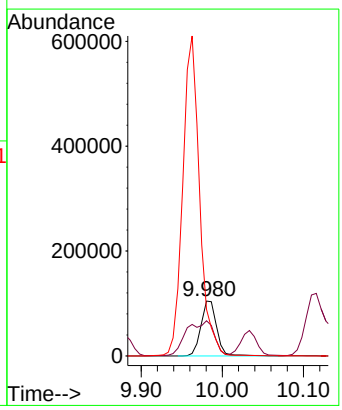


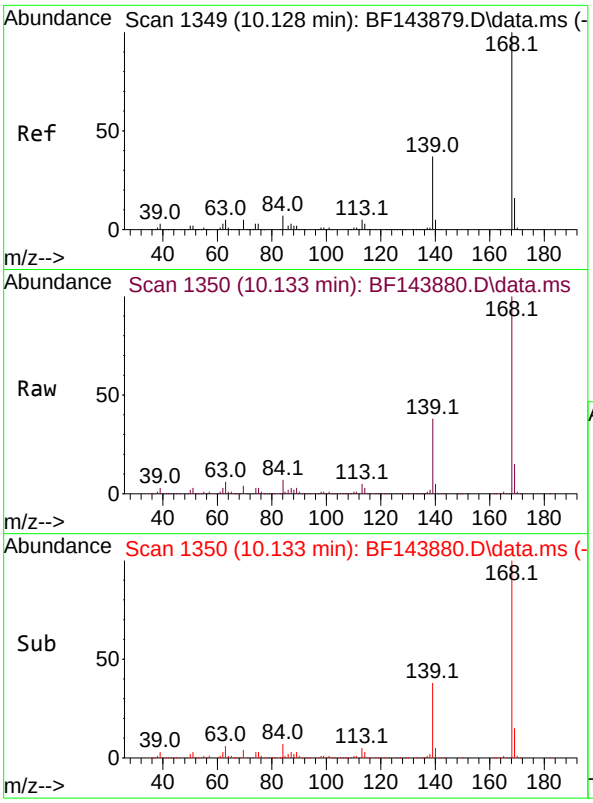


#54
2,4-Dinitrophenol
Concen: 51.801 ng
RT: 9.980 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:184 Resp: 140496

Ion	Ratio	Lower	Upper
184	100		
63	64.1	48.2	72.4
154	84.8	49.2	73.8#



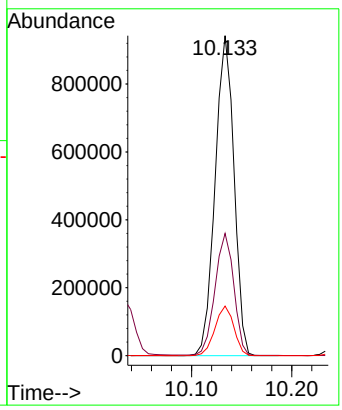


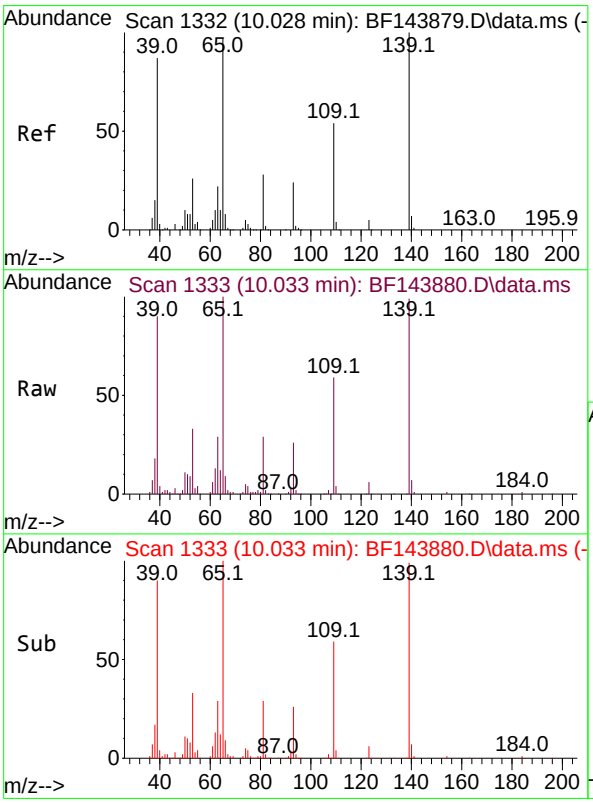
#55
Dibenzofuran
Concen: 43.625 ng
RT: 10.133 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:168 Resp: 1233091

Ion	Ratio	Lower	Upper
168	100		
139	38.2	29.8	44.8
169	15.5	12.8	19.2

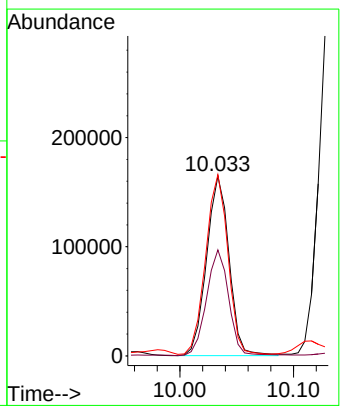


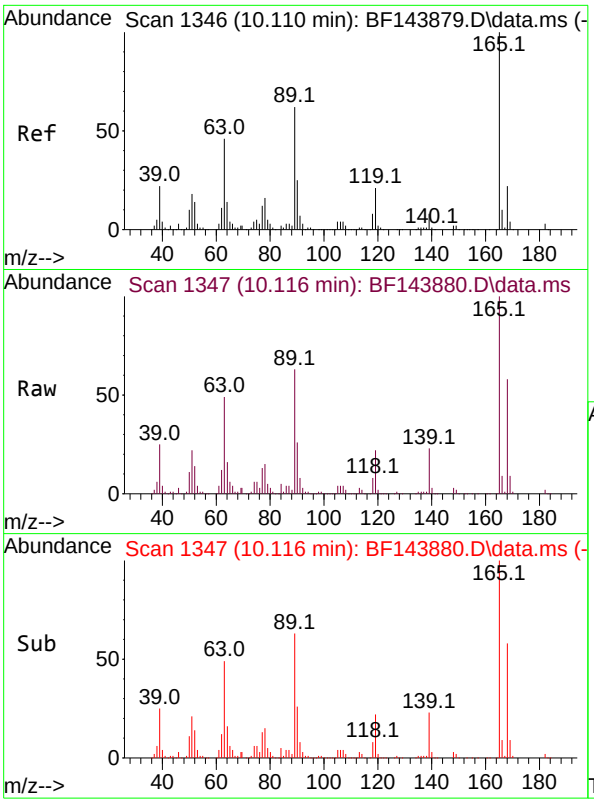


#56
4-Nitrophenol
Concen: 52.750 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:139 Resp: 226765

Ion	Ratio	Lower	Upper
139	100		
109	59.0	34.5	74.5
65	100.7	77.6	117.6



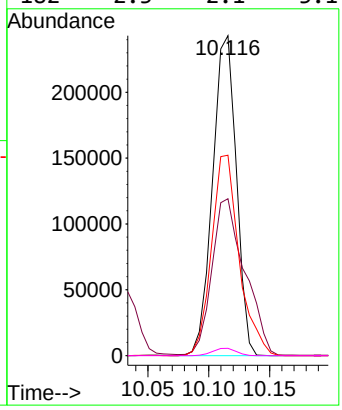


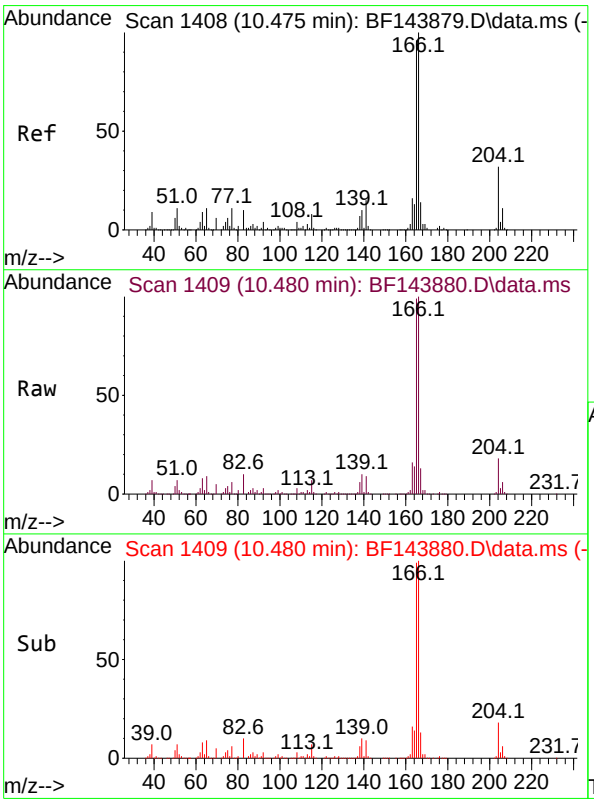
#57
2,4-Dinitrotoluene
Concen: 52.304 ng
RT: 10.116 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 329984

Ion	Ratio	Lower	Upper
165	100		
63	49.0	37.2	55.8
89	62.6	49.4	74.2
182	2.3	2.1	3.1

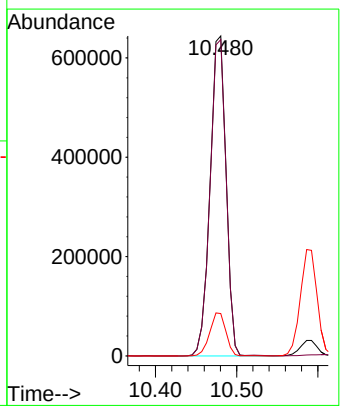


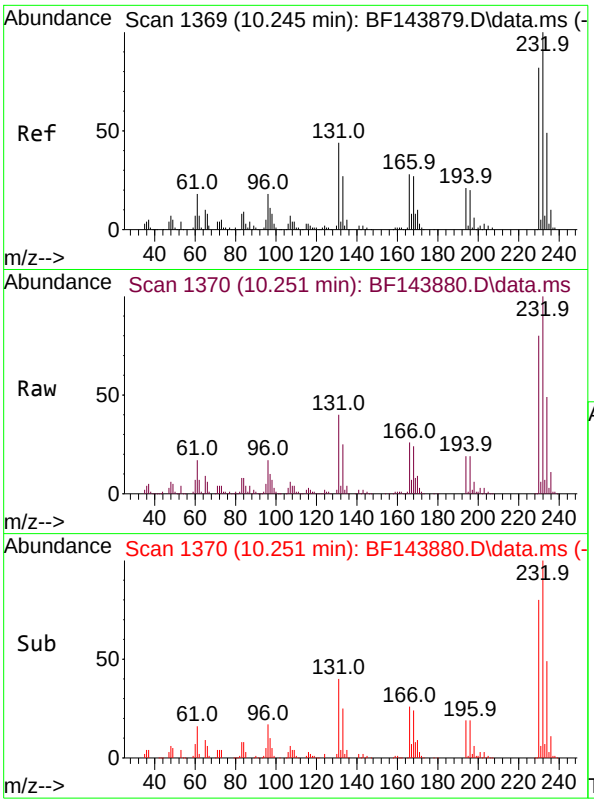


#58
Fluorene
Concen: 41.398 ng
RT: 10.480 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:166 Resp: 882946

Ion	Ratio	Lower	Upper
166	100		
165	98.8	77.0	115.6
167	13.2	11.1	16.7



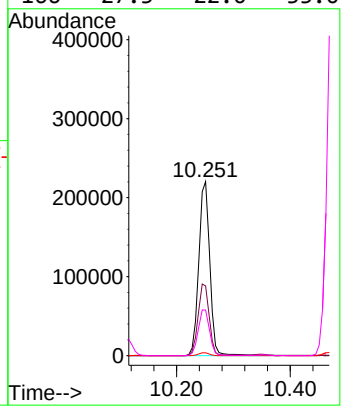


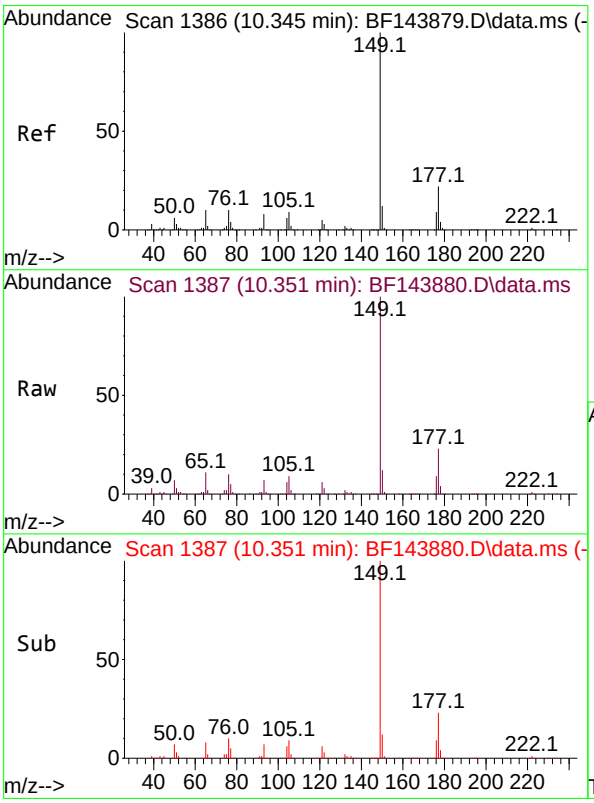
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.591 ng
RT: 10.251 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:232 Resp: 294987

Ion	Ratio	Lower	Upper
232	100		
131	41.7	34.9	52.3
130	1.6	1.6	2.4#
166	27.3	22.0	33.0

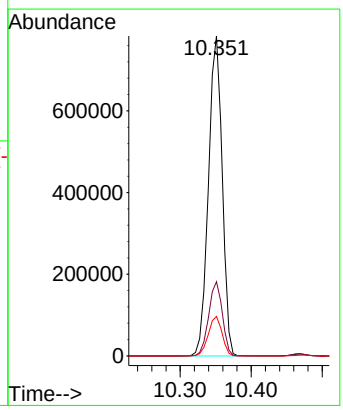


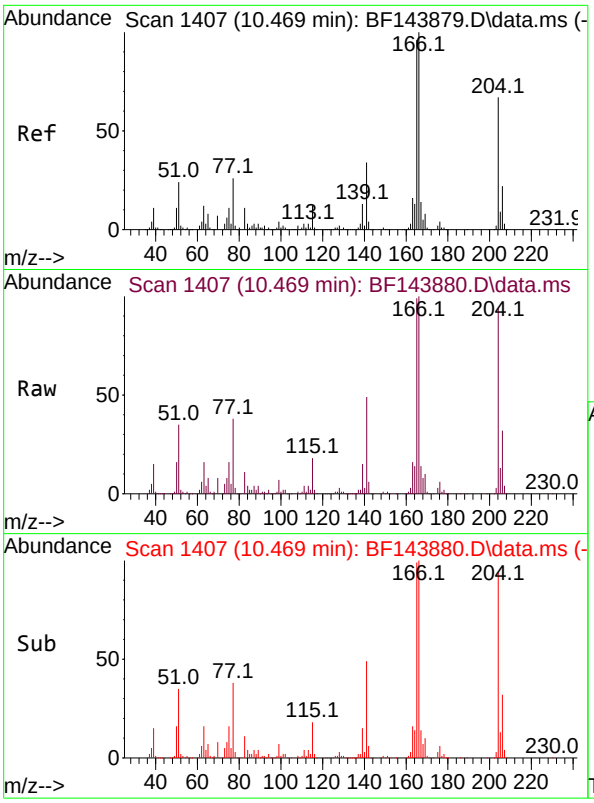


#60
Diethylphthalate
Concen: 45.330 ng
RT: 10.351 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:149 Resp: 1053032

Ion	Ratio	Lower	Upper
149	100		
177	23.2	17.9	26.9
150	12.3	9.8	14.8



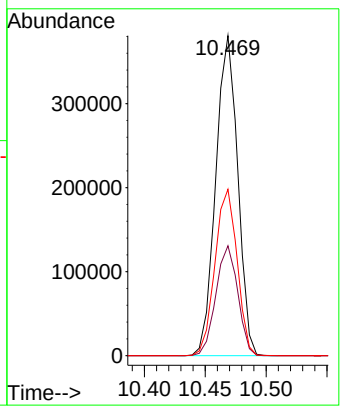


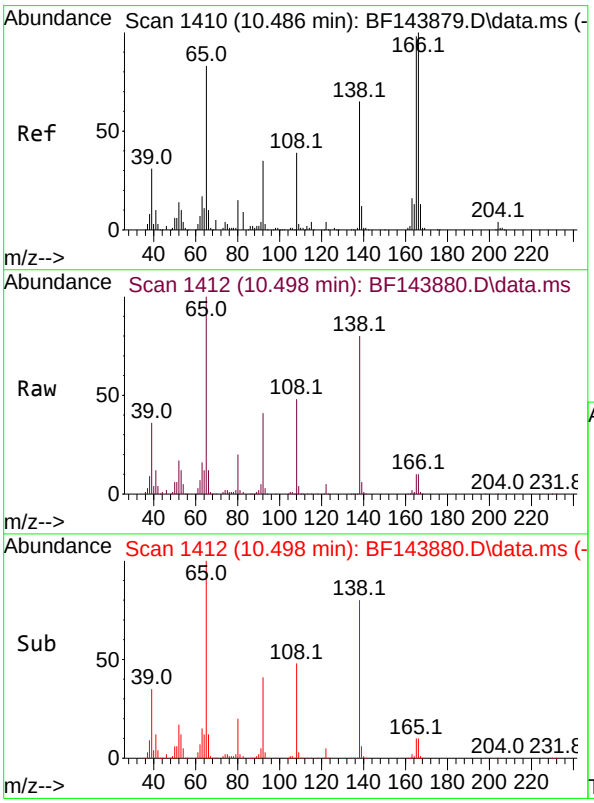
#61
4-Chlorophenyl-phenylether
Concen: 42.311 ng
RT: 10.469 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:204 Resp: 477108

Ion	Ratio	Lower	Upper
204	100		
206	34.3	26.6	40.0
141	52.0	40.4	60.6

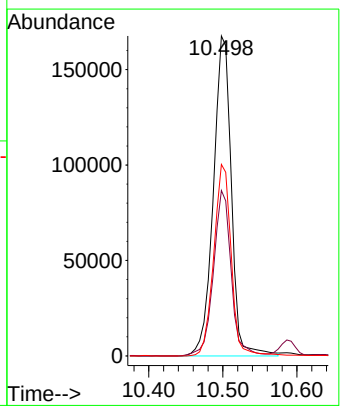


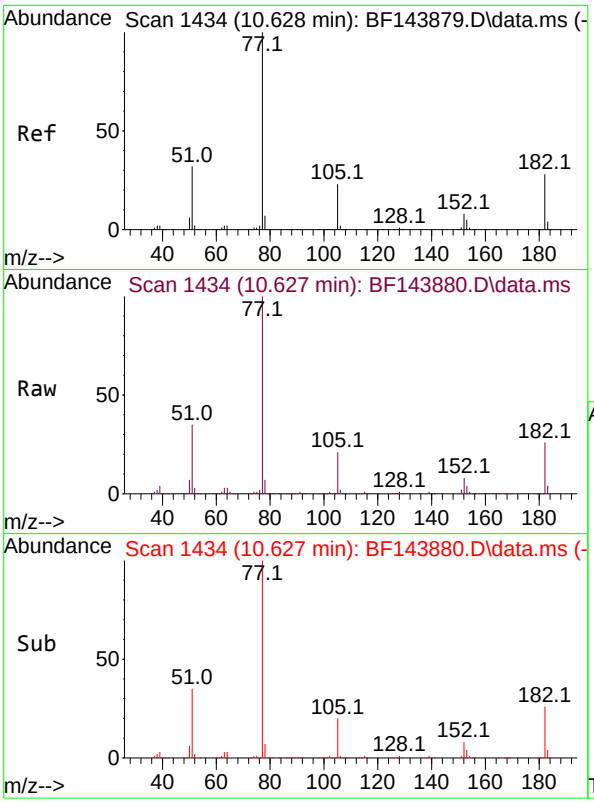


#62
4-Nitroaniline
Concen: 51.782 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:138 Resp: 282713

Ion	Ratio	Lower	Upper
138	100		
92	51.7	33.9	73.9
108	59.8	40.2	80.2



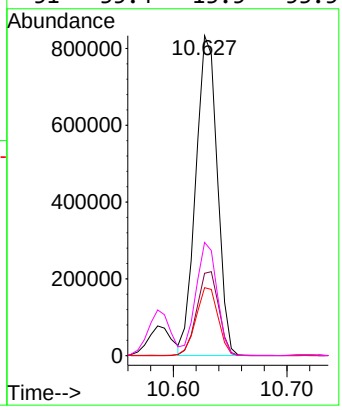


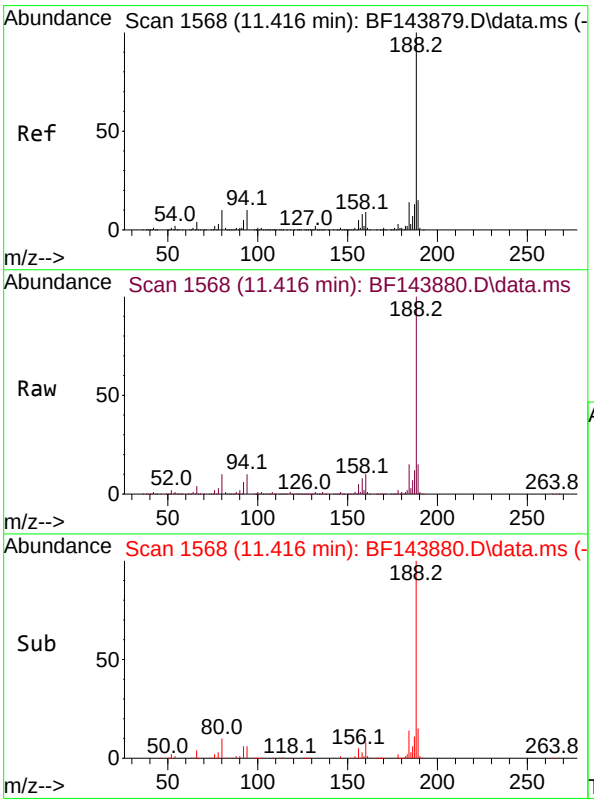
#63
Azobenzene
Concen: 45.178 ng
RT: 10.627 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 1096875

Ion	Ratio	Lower	Upper
77	100		
182	25.7	7.3	47.3
105	21.2	3.0	43.0
51	35.4	13.5	53.5

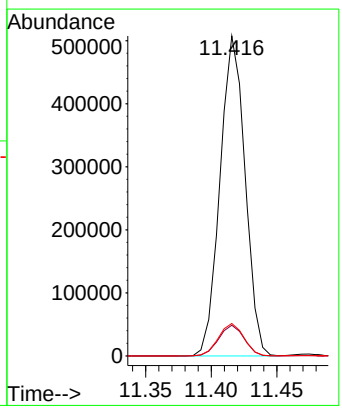


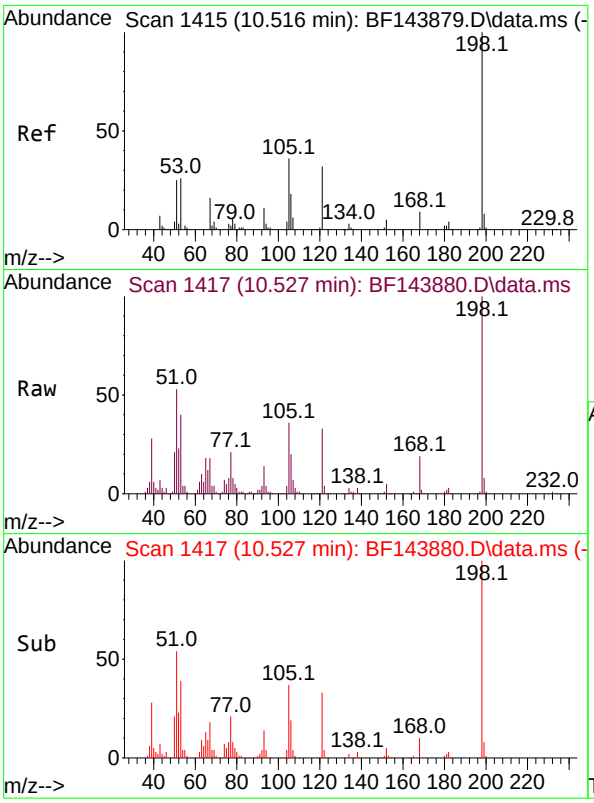


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:188 Resp: 674807

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.8	11.6
80	10.1	7.9	11.9



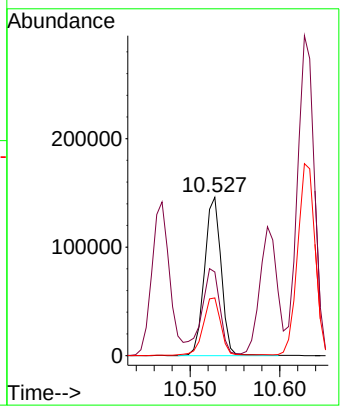


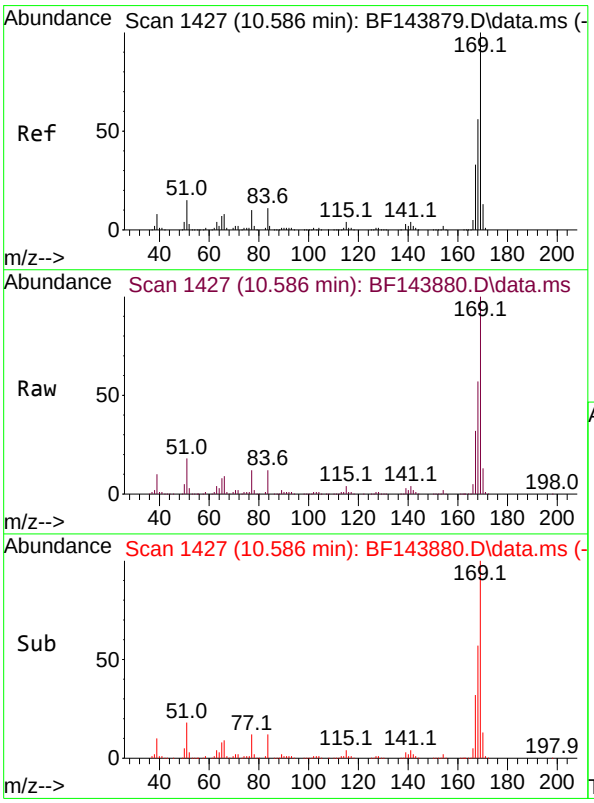
#65
4,6-Dinitro-2-methylphenol
Concen: 55.558 ng
RT: 10.527 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:198 Resp: 188400

Ion	Ratio	Lower	Upper
198	100		
51	52.8	33.8	73.8
105	36.4	17.0	57.0

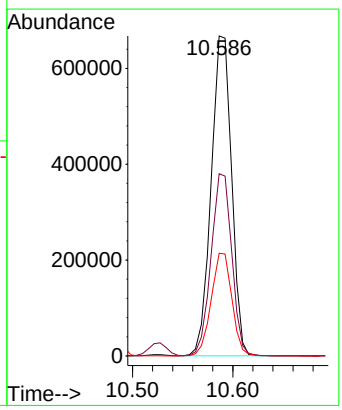


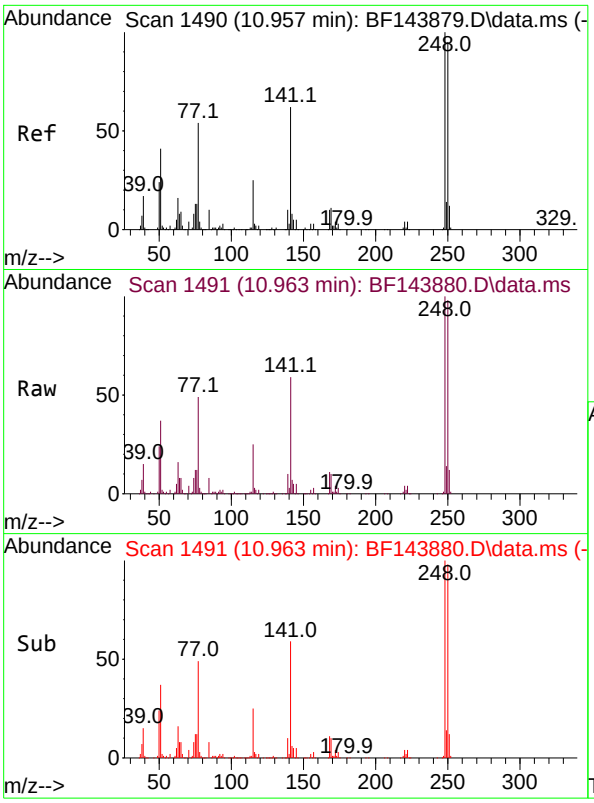


#66
n-Nitrosodiphenylamine
Concen: 44.552 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:169 Resp: 943991

Ion	Ratio	Lower	Upper
169	100		
168	56.9	44.9	67.3
167	32.1	26.3	39.5



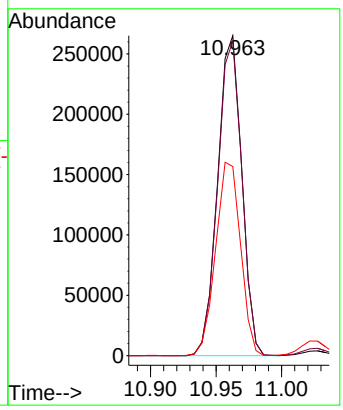


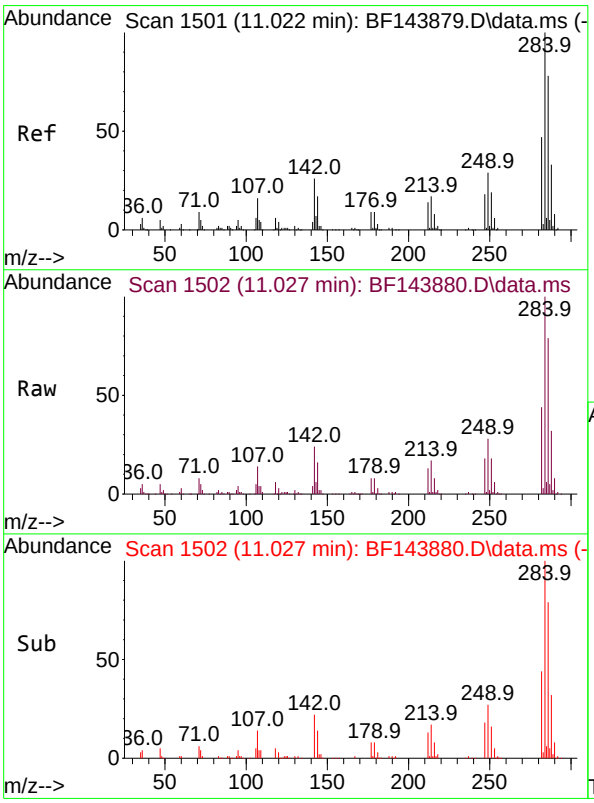
#67
4-Bromophenyl-phenylether
Concen: 45.566 ng
RT: 10.963 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:248 Resp: 339818

Ion	Ratio	Lower	Upper
248	100		
250	98.4	76.3	114.5
141	59.1	49.7	74.5

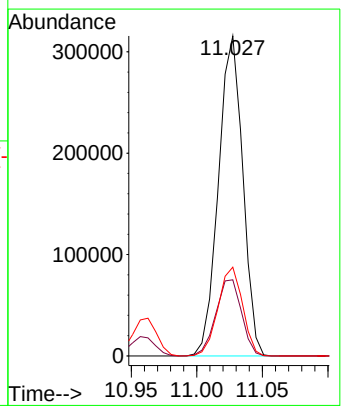


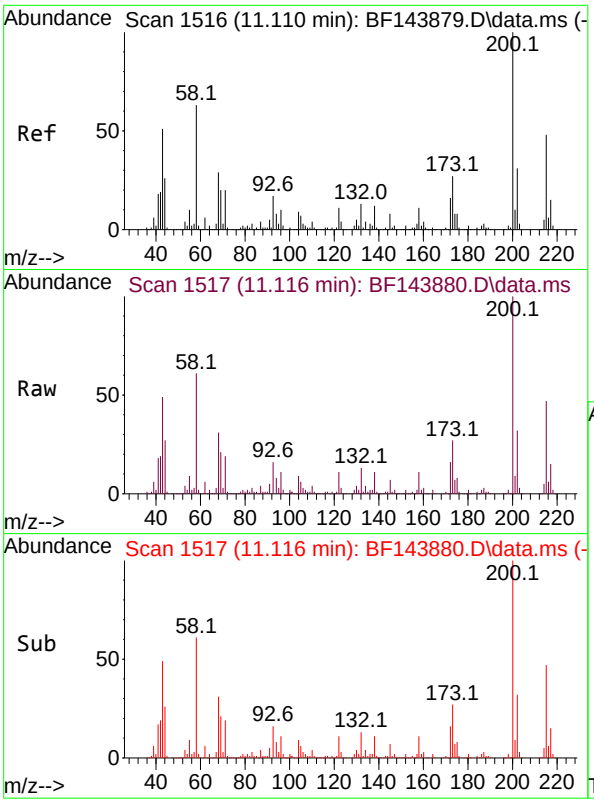


#68
Hexachlorobenzene
Concen: 47.211 ng
RT: 11.027 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:284 Resp: 407614

Ion	Ratio	Lower	Upper
284	100		
142	23.8	20.6	30.8
249	27.7	23.2	34.8



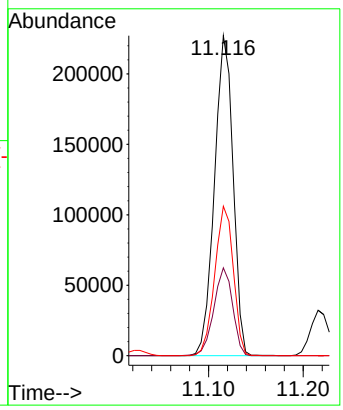


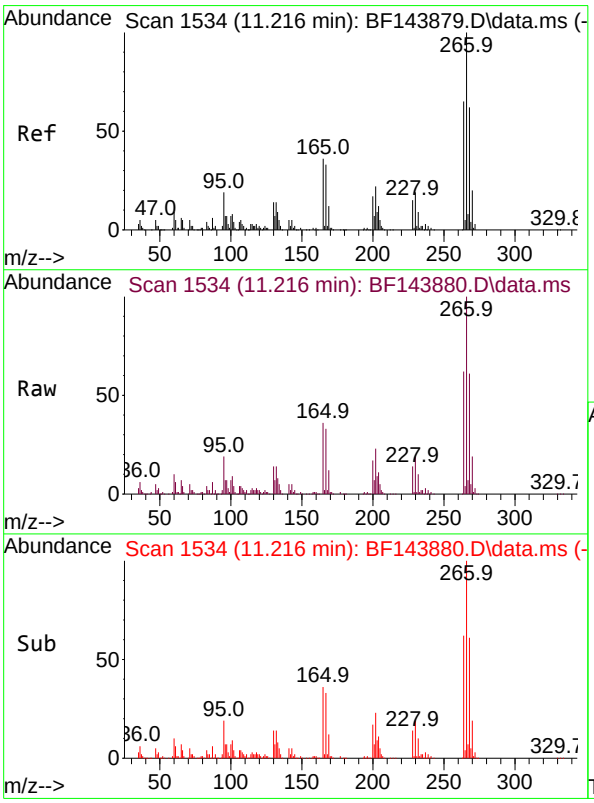
#69
Atrazine
Concen: 48.240 ng
RT: 11.116 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:200 Resp: 309799

Ion	Ratio	Lower	Upper
200	100		
173	27.5	7.0	47.0
215	46.7	27.8	67.8

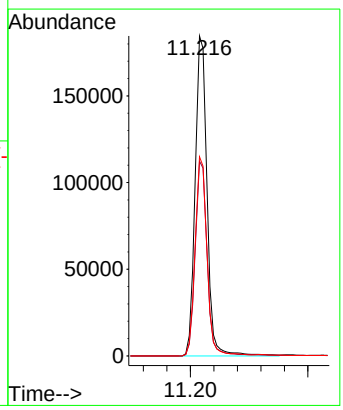


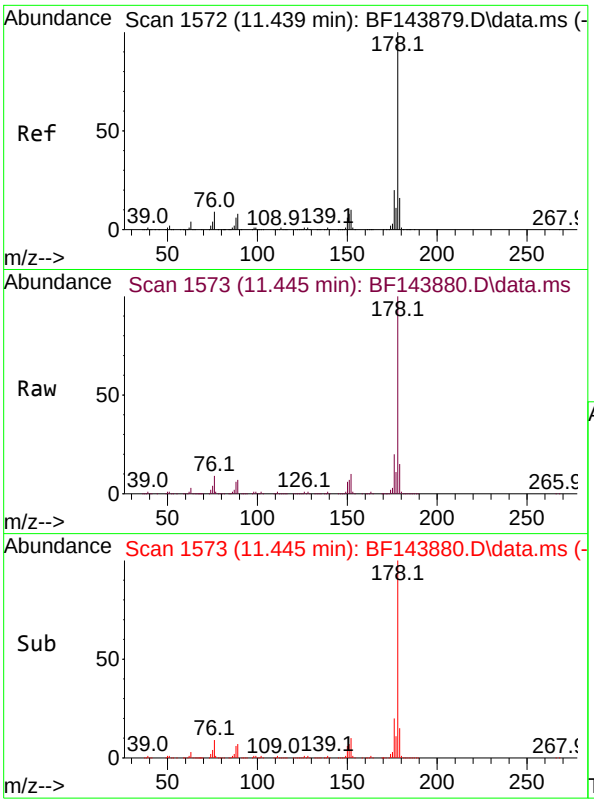


#70
Pentachlorophenol
Concen: 52.304 ng
RT: 11.216 min Scan# 1534
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:266 Resp: 259359

Ion	Ratio	Lower	Upper
266	100		
268	60.8	49.4	74.0
264	62.2	51.8	77.6



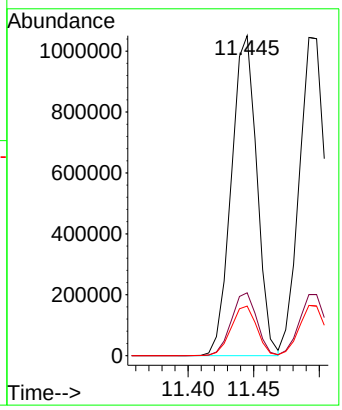


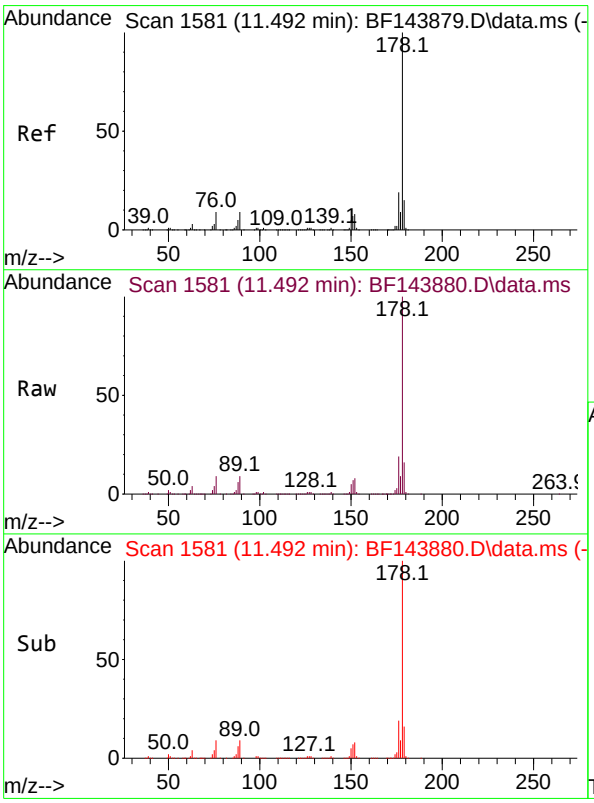
#71
Phenanthrene
Concen: 43.395 ng
RT: 11.445 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:178 Resp: 1419666

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	15.5	12.4	18.6

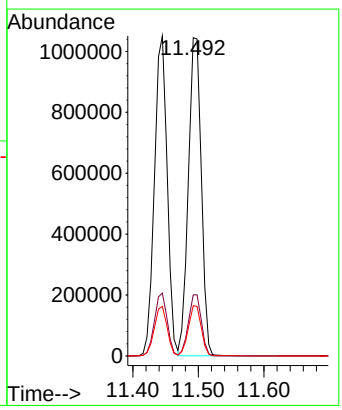


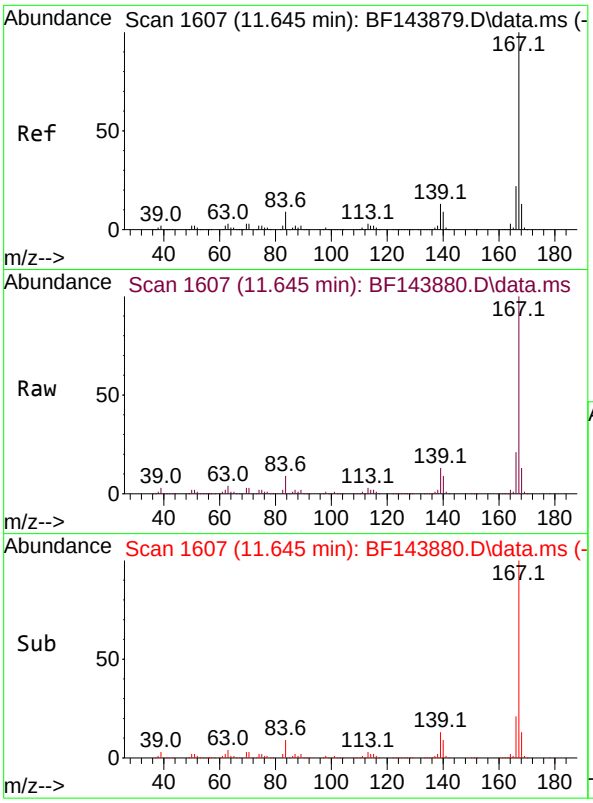


#72
Anthracene
Concen: 43.583 ng
RT: 11.492 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:178 Resp: 1440404

Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.9	22.3
179	15.8	12.2	18.2



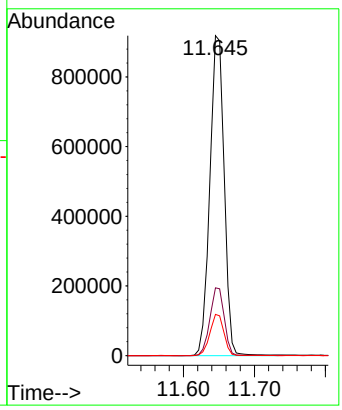


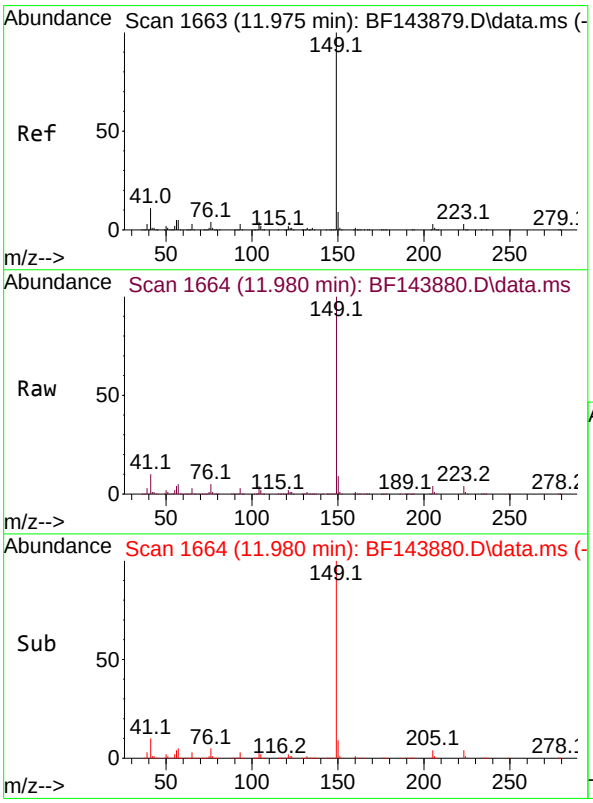
#73
Carbazole
Concen: 44.139 ng
RT: 11.645 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:167 Resp: 1291982

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.2	25.8
139	12.9	10.1	15.1

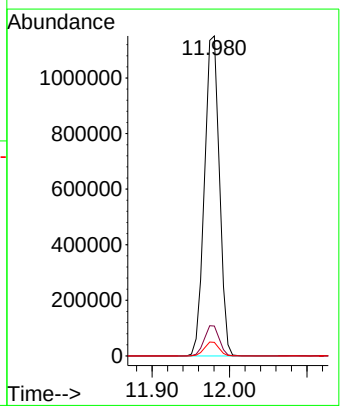


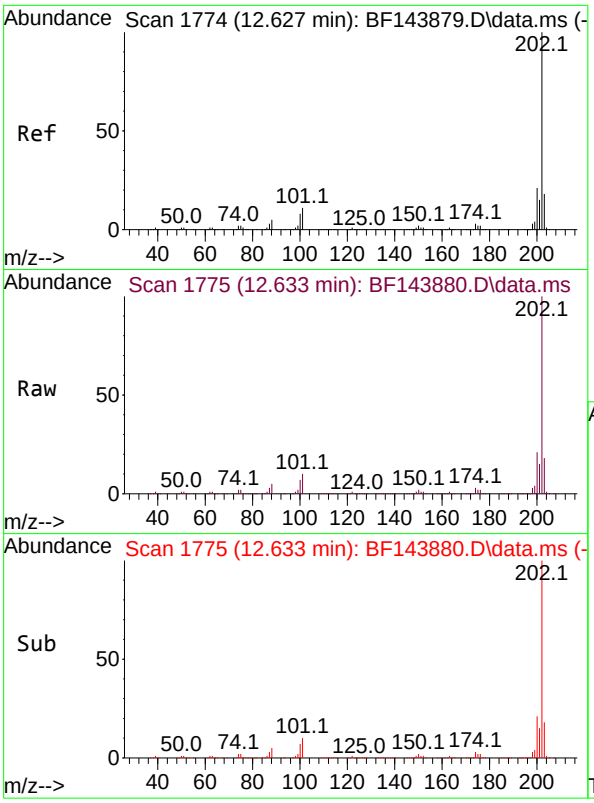


#74
Di-n-butylphthalate
Concen: 45.246 ng
RT: 11.980 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:149 Resp: 1534951

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	4.2	3.4	5.2



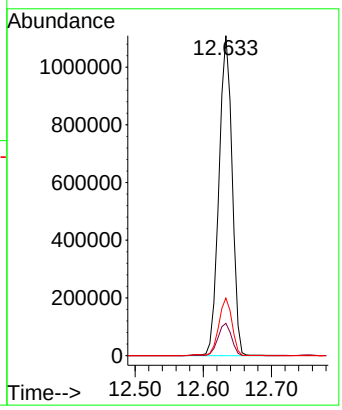


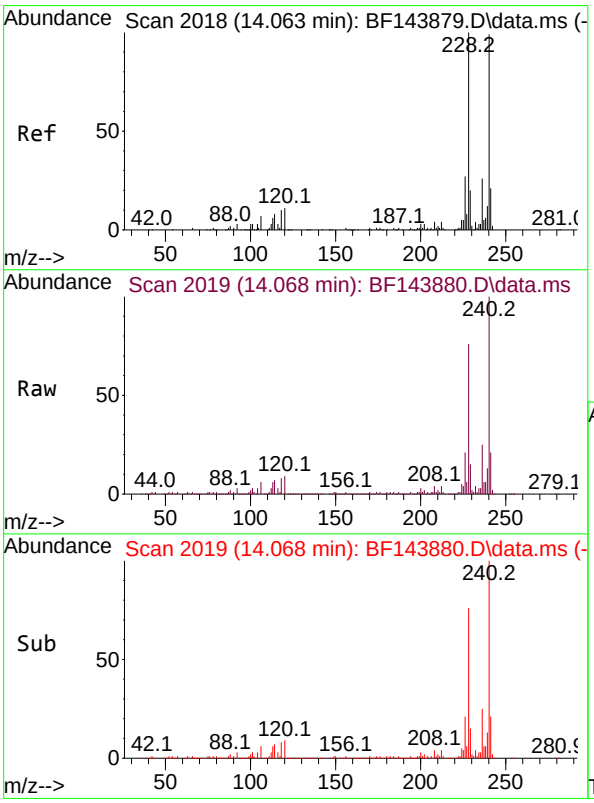
#75
Fluoranthene
Concen: 43.744 ng
RT: 12.633 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:202 Resp: 1478181

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	30.7
203	18.0	0.0	37.8

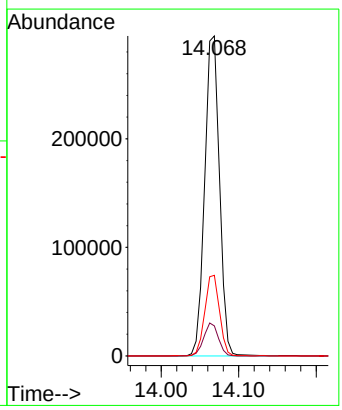


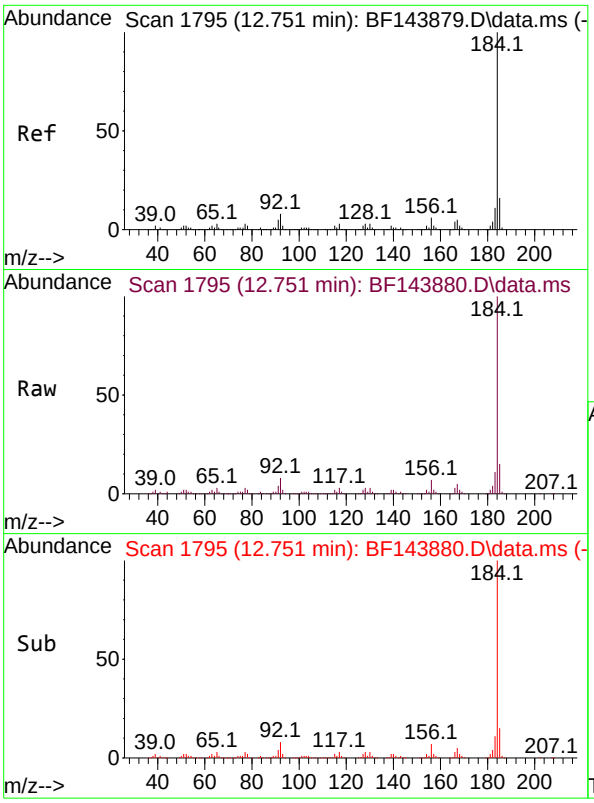


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:240 Resp: 390779

Ion	Ratio	Lower	Upper
240	100		
120	9.4	8.6	13.0
236	25.2	21.1	31.7



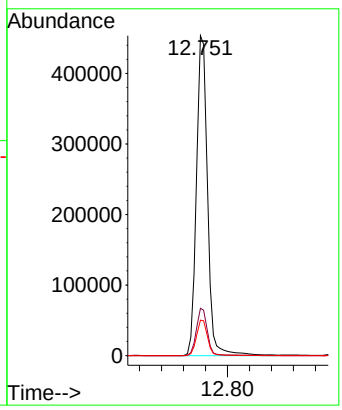


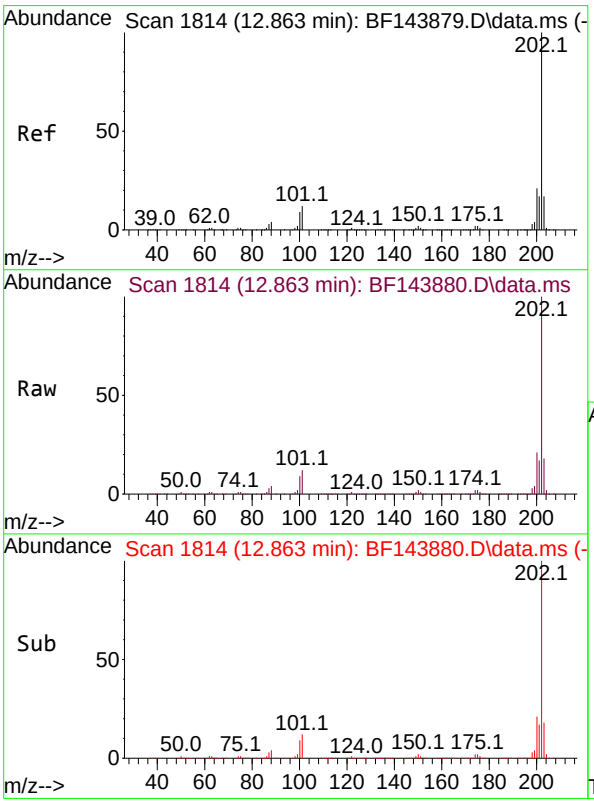
#77
Benzidine
Concen: 46.882 ng
RT: 12.751 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:184 Resp: 636126

Ion	Ratio	Lower	Upper
184	100		
185	14.8	12.6	18.8
183	11.1	8.8	13.2

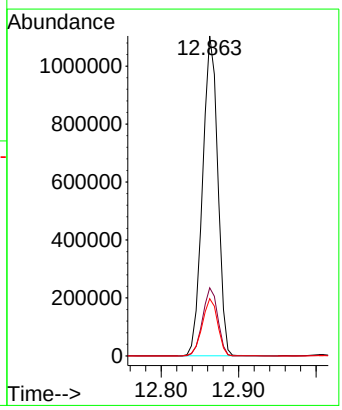


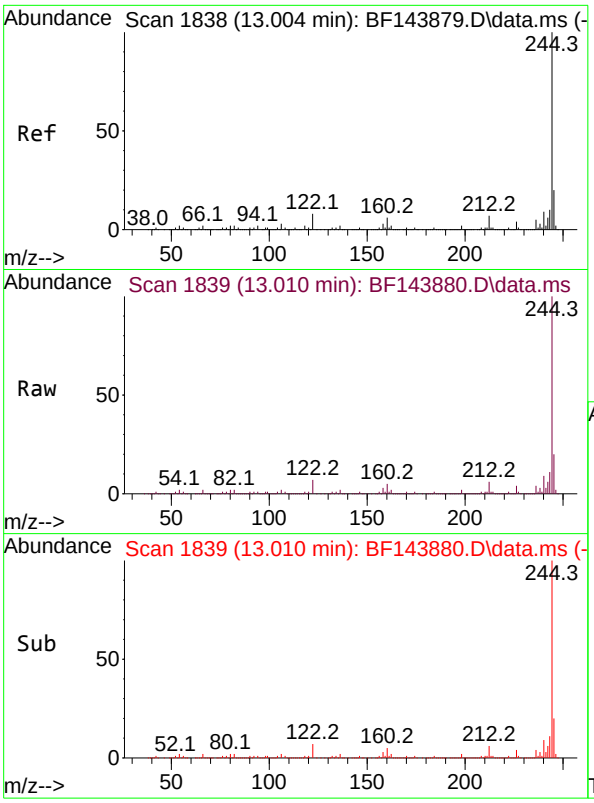


#78
Pyrene
Concen: 46.206 ng
RT: 12.863 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:202 Resp: 1505326

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.6
203	17.9	13.8	20.6



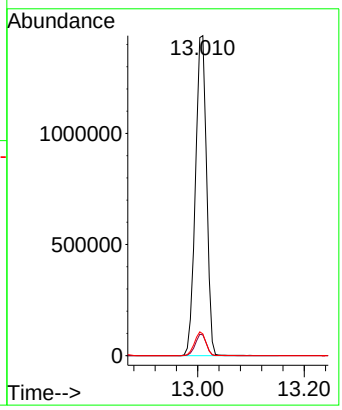


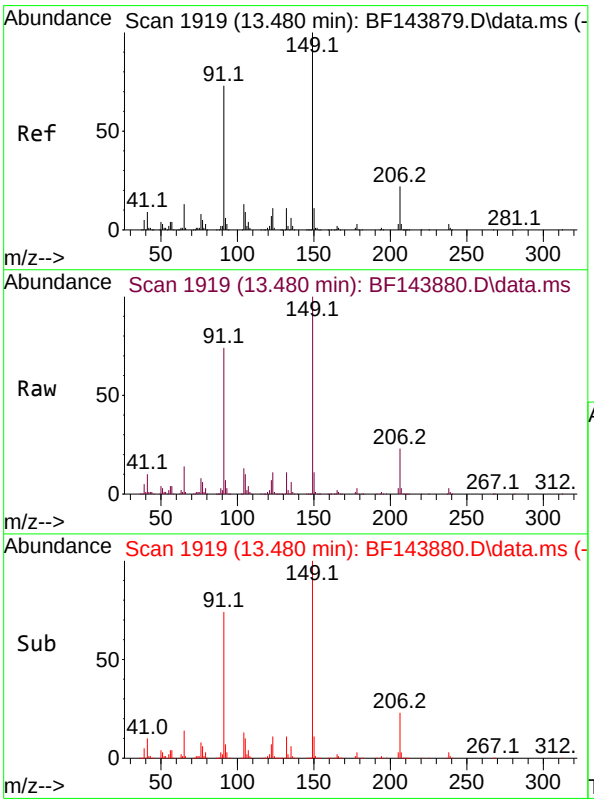
#79
Terphenyl-d14
Concen: 91.121 ng
RT: 13.010 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:244 Resp: 2083463

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	6.8	6.4	9.6

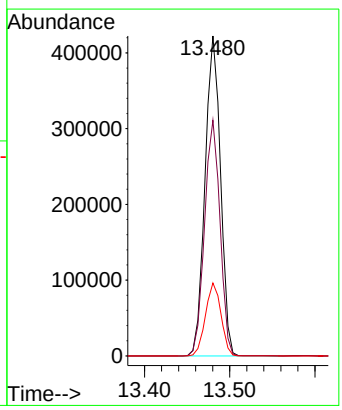


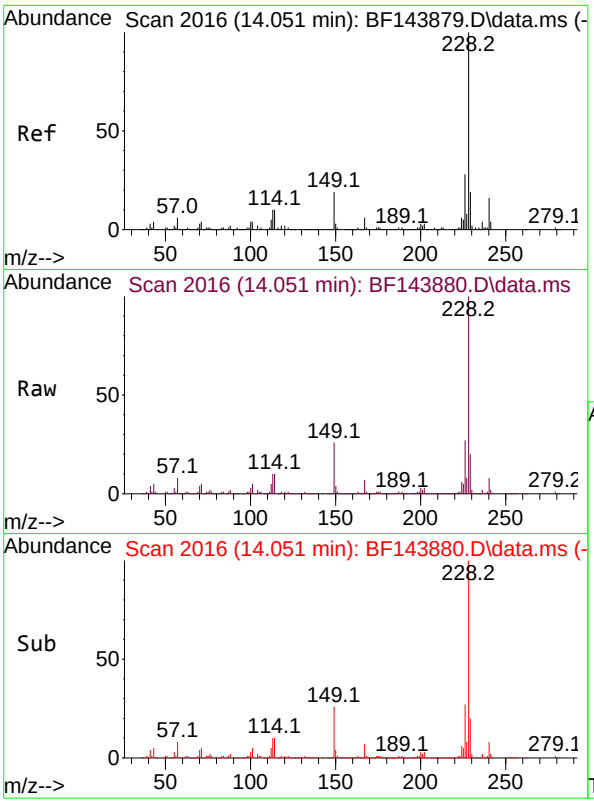


#80
Butylbenzylphthalate
Concen: 50.352 ng
RT: 13.480 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:149 Resp: 532754

Ion	Ratio	Lower	Upper
149	100		
91	73.6	58.2	87.2
206	22.8	17.9	26.9



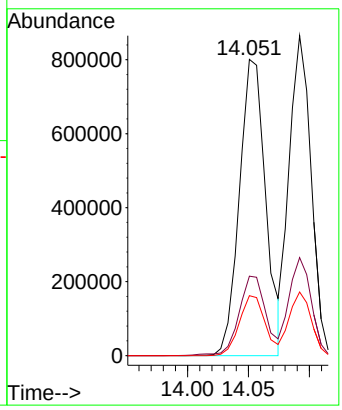


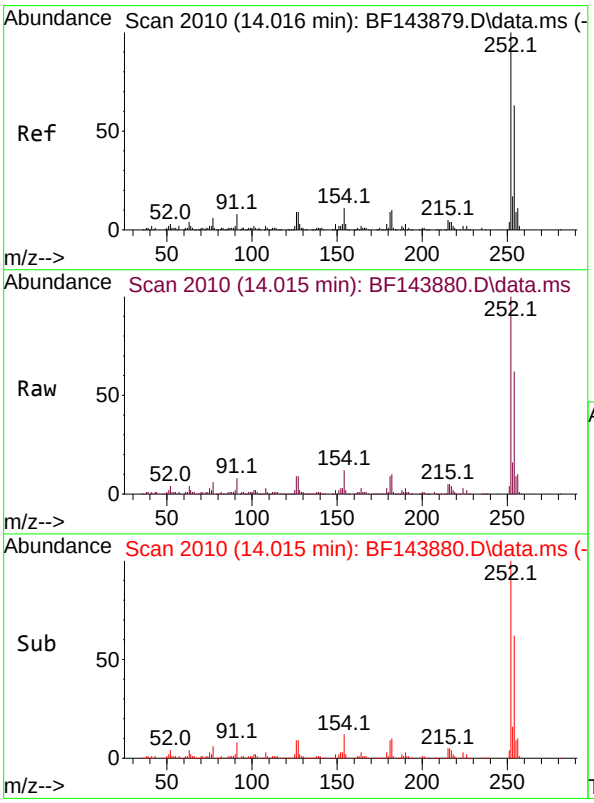
#81
Benzo(a)anthracene
Concen: 47.075 ng
RT: 14.051 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 1203843

Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.2	33.2
229	20.2	15.6	23.4

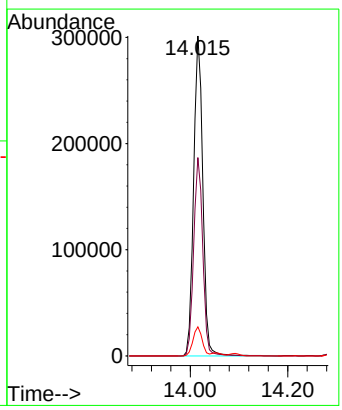


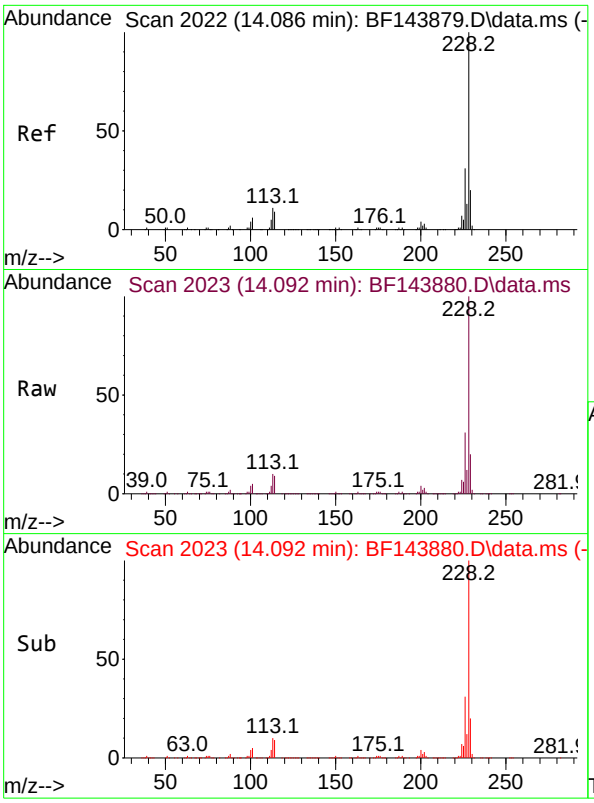


#82
3,3'-Dichlorobenzidine
Concen: 50.214 ng
RT: 14.015 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:252 Resp: 391334

Ion	Ratio	Lower	Upper
252	100		
254	62.0	50.6	76.0
126	9.1	7.0	10.6



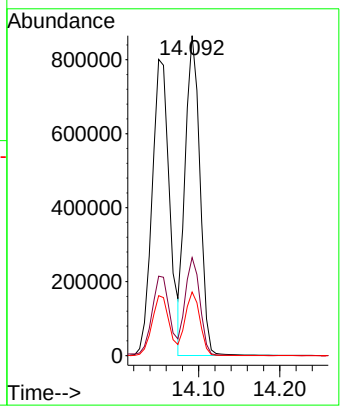


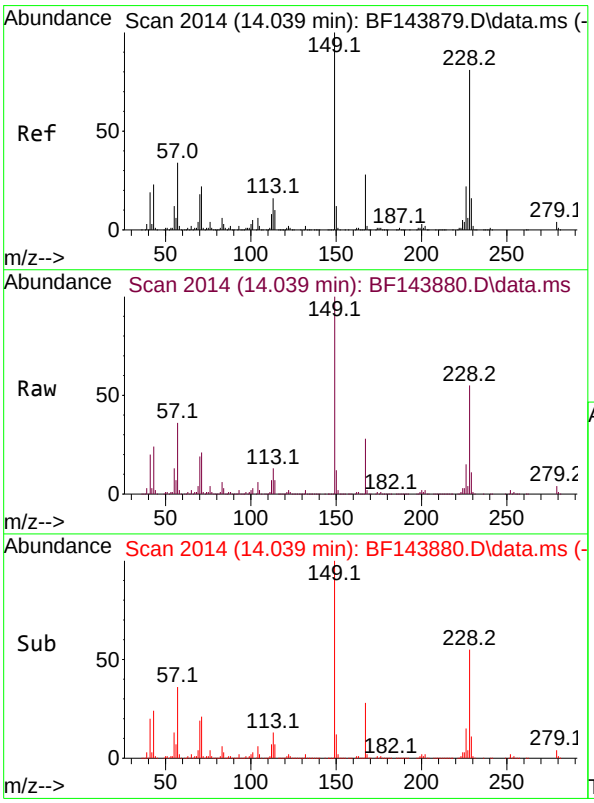
#83
Chrysene
Concen: 46.065 ng
RT: 14.092 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 1090275

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.4	36.6
229	19.9	15.9	23.9

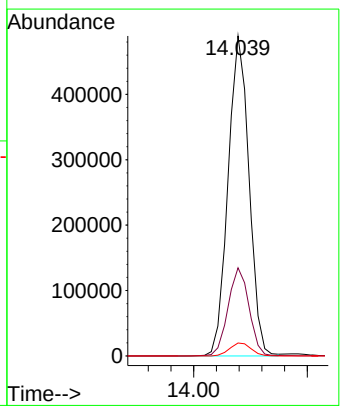


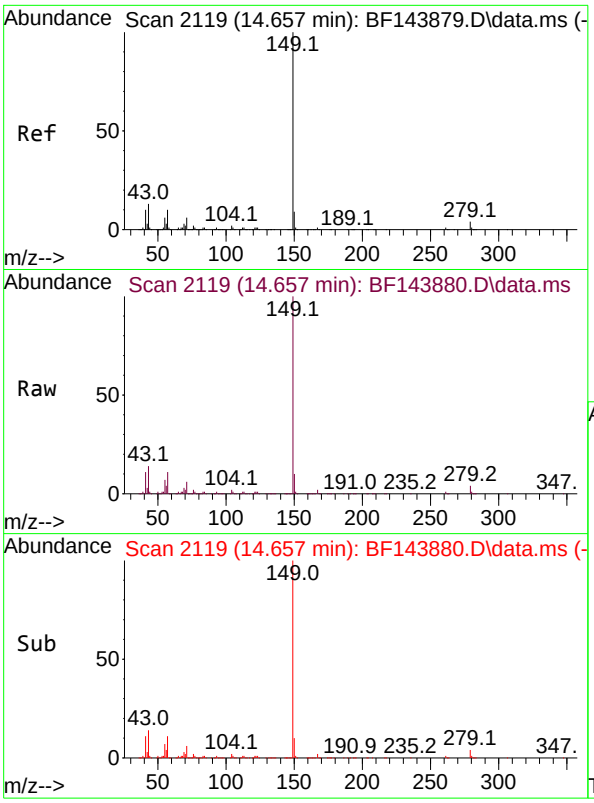


#84
Bis(2-ethylhexyl)phthalate
Concen: 49.146 ng
RT: 14.039 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:149 Resp: 626818

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.2	33.4
279	4.0	3.1	4.7



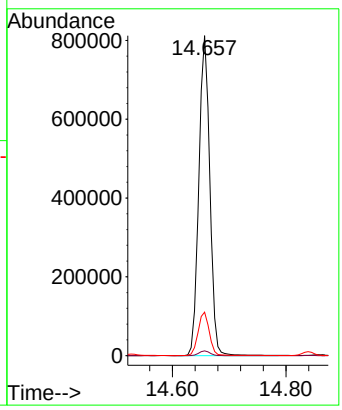


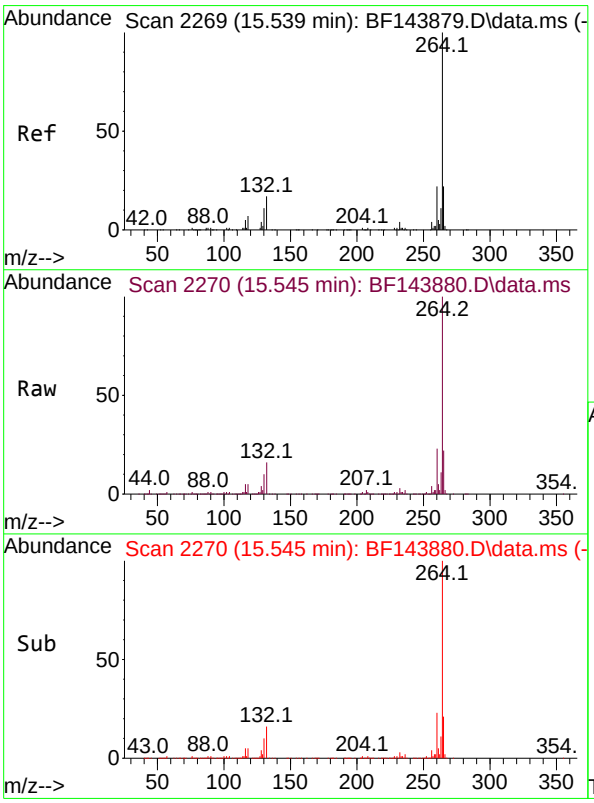
#85
Di-n-octyl phthalate
Concen: 51.691 ng
RT: 14.657 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:149 Resp: 1082833

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	13.9	11.0	16.4

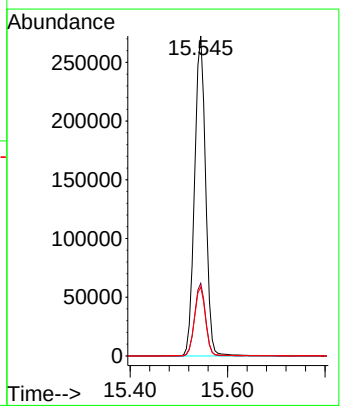


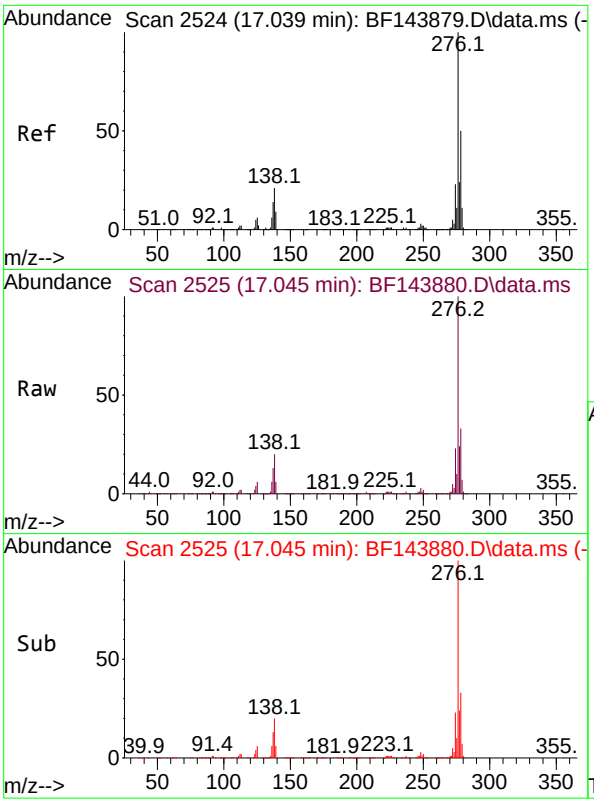


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:264 Resp: 426414

Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.8	26.8
265	21.6	17.5	26.3



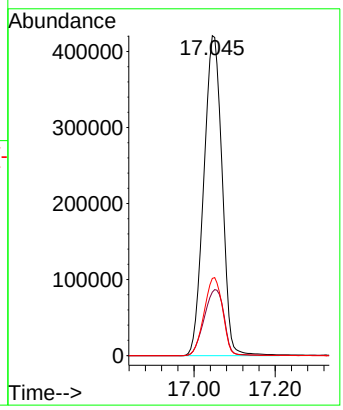


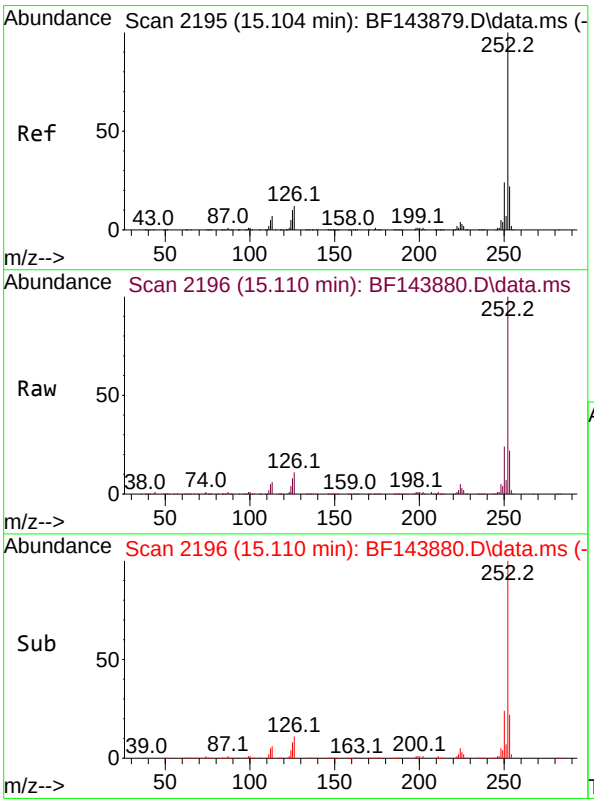
#87
Indeno(1,2,3-cd)pyrene
Concen: 50.373 ng
RT: 17.045 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:276 Resp: 1316167

Ion	Ratio	Lower	Upper
276	100		
138	22.6	18.2	27.2
277	24.8	19.8	29.6

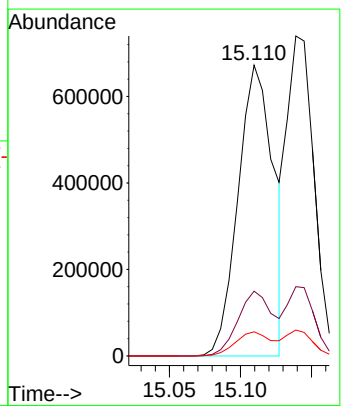


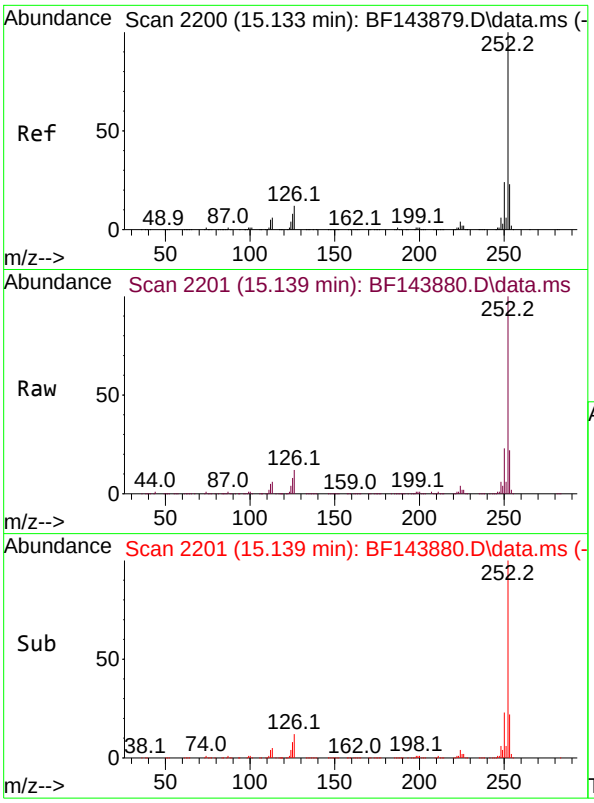


#88
Benzo(b)fluoranthene
Concen: 47.652 ng
RT: 15.110 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:252 Resp: 1167220

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	8.3	7.8	11.6



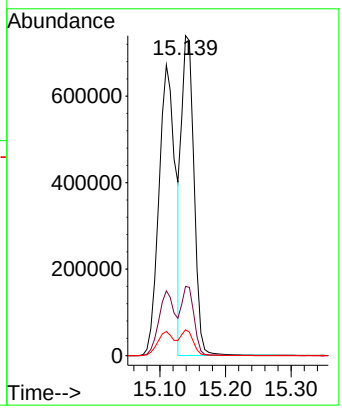


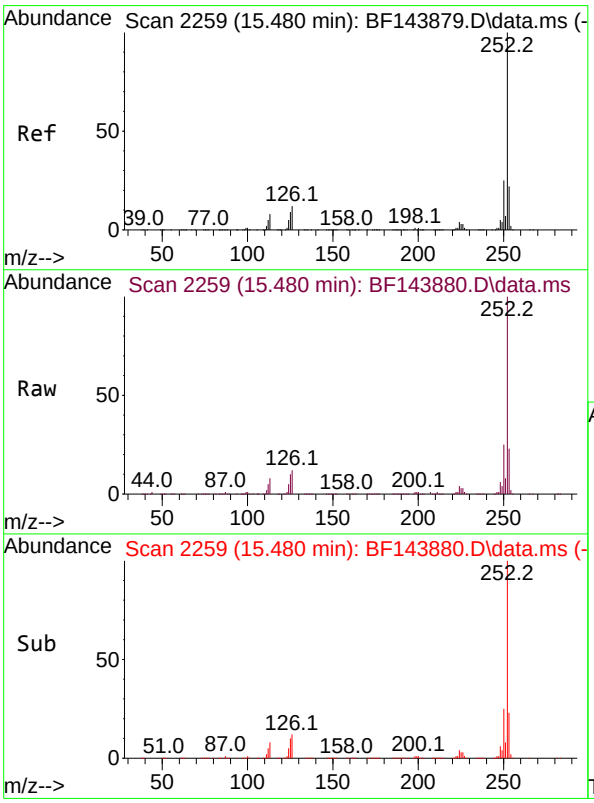
#89
Benzo(k)fluoranthene
Concen: 43.392 ng
RT: 15.139 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:252 Resp: 983488

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.8
125	8.1	7.4	11.2

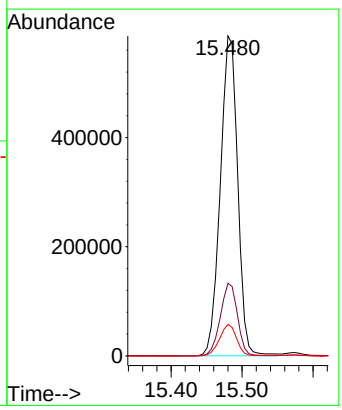


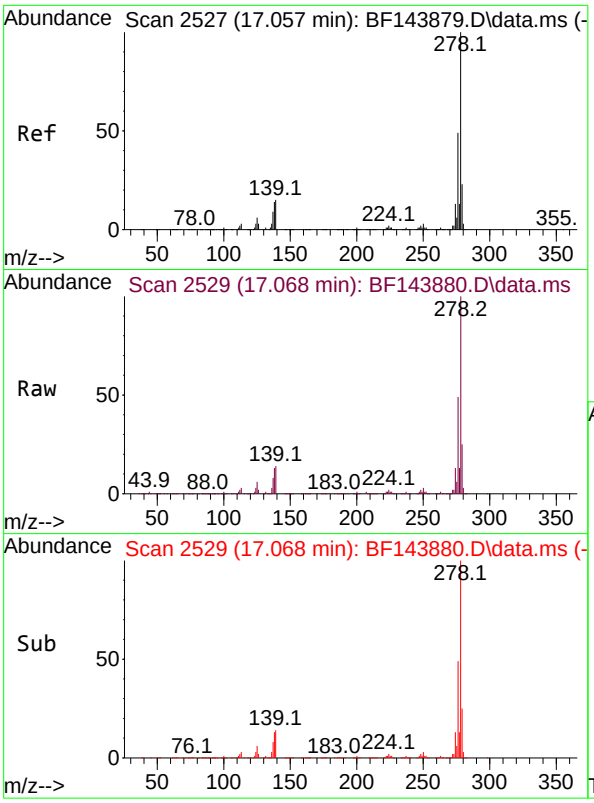


#90
Benzo(a)pyrene
Concen: 46.960 ng
RT: 15.480 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:252 Resp: 997382

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.3	25.9
125	9.8	7.0	10.4



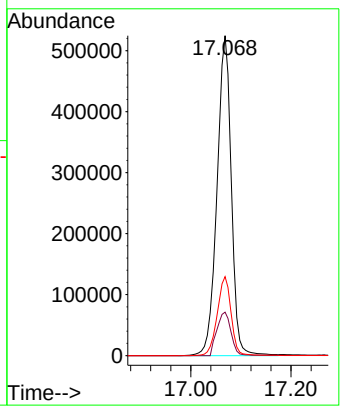


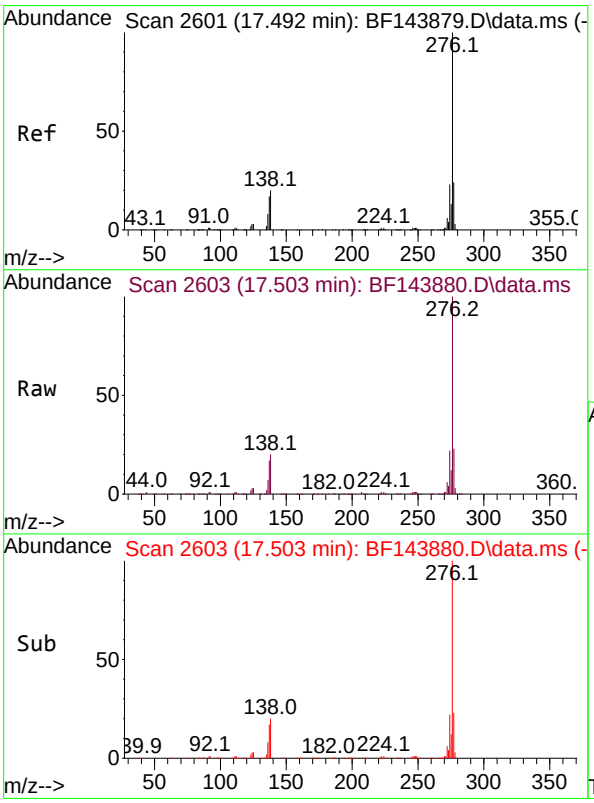
#91
Dibenzo(a,h)anthracene
Concen: 49.457 ng
RT: 17.068 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:278 Resp: 1039281

Ion	Ratio	Lower	Upper
278	100		
139	13.6	11.7	17.5
279	24.7	18.4	27.6

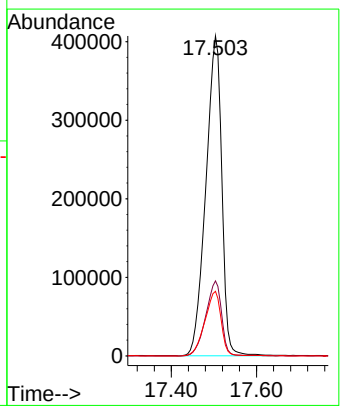




#92
Benzo(g,h,i)perylene
Concen: 50.253 ng
RT: 17.503 min Scan# 2603
Delta R.T. -0.012 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:276 Resp: 1056021

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.0	28.6
138	20.2	16.1	24.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143881.D
Acq On : 06 Oct 2025 13:53
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Oct 06 15:38:52 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	6.887	152	136069	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	524164	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	286024	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	485489	20.000	ng	0.00
76) Chrysene-d12	14.063	240	287097	20.000	ng	0.00
86) Perylene-d12	15.539	264	309882	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	961239	112.181	ng	0.00
7) Phenol-d6	6.510	99	1132663	110.899	ng	0.00
23) Nitrobenzene-d5	7.451	82	1021762	118.430	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	343442	120.554	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1764203	97.871	ng	0.00
79) Terphenyl-d14	13.004	244	1861234	110.799	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.646	88	235125	59.298	ng	98
3) Pyridine	3.410	79	685786	59.411	ng	99
4) n-Nitrosodimethylamine	3.369	42	371223	61.134	ng	96
6) Aniline	6.551	93	870980	56.909	ng	100
8) 2-Chlorophenol	6.669	128	482622	57.621	ng	98
9) Benzaldehyde	6.440	77	567228	71.995	ng	99
10) Phenol	6.528	94	710019	58.149	ng	94
11) bis(2-Chloroethyl)ether	6.622	93	531386	56.337	ng	98
12) 1,3-Dichlorobenzene	6.828	146	541823	54.041	ng	99
13) 1,4-Dichlorobenzene	6.904	146	547027	55.312	ng	100
14) 1,2-Dichlorobenzene	7.051	146	525807	55.507	ng	99
15) Benzyl Alcohol	7.028	79	450578	58.880	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1202366	56.002	ng	100
17) 2-Methylphenol	7.134	107	402660	58.170	ng	97
18) Hexachloroethane	7.398	117	189228	57.373	ng	97
19) n-Nitroso-di-n-propyla...	7.304	70	383071	54.794	ng	99
20) 3+4-Methylphenols	7.287	107	435782	54.319	ng	94
22) Acetophenone	7.298	105	589502	53.189	ng	98
24) Nitrobenzene	7.469	77	574563	59.969	ng	99
25) Isophorone	7.710	82	1042198	57.290	ng	99
26) 2-Nitrophenol	7.781	139	272450	66.327	ng	99
27) 2,4-Dimethylphenol	7.816	122	437344	59.187	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	631066	54.917	ng	99
29) 2,4-Dichlorophenol	8.022	162	442749	57.524	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	428102	56.555	ng	98
31) Naphthalene	8.192	128	1284573	53.874	ng	100
32) Benzoic acid	7.940	122	348955	68.237	ng	97
33) 4-Chloroaniline	8.239	127	504823	56.451	ng	99
34) Hexachlorobutadiene	8.304	225	294507	55.989	ng	98
35) Caprolactam	8.622	113	146970	60.055	ng	97
36) 4-Chloro-3-methylphenol	8.716	107	423904	57.336	ng	99
37) 2-Methylnaphthalene	8.881	142	838837	52.814	ng	100
38) 1-Methylnaphthalene	8.981	142	822755	53.405	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	445714	56.382	ng	98
41) Hexachlorocyclopentadiene	9.034	237	205978	62.806	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	338809	58.657	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143881.D
Acq On : 06 Oct 2025 13:53
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Oct 06 15:38:52 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

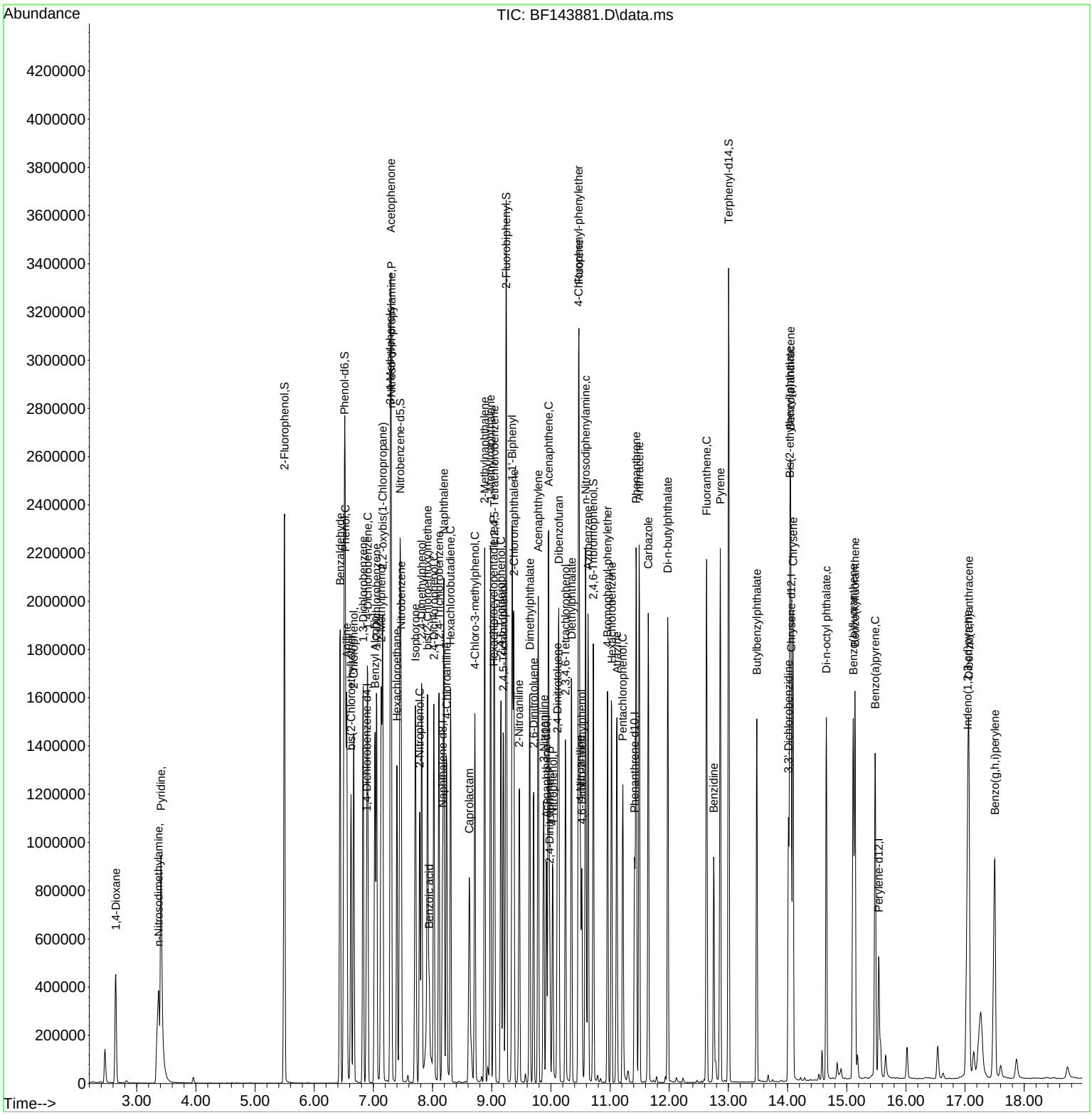
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	345605	56.620	ng		98
46) 1,1'-Biphenyl	9.345	154	1004440	53.040	ng		99
47) 2-Chloronaphthalene	9.375	162	860999	54.531	ng		98
48) 2-Nitroaniline	9.463	65	312884	62.679	ng		99
49) Acenaphthylene	9.786	152	1223951	55.140	ng		99
50) Dimethylphthalate	9.645	163	1031391	56.783	ng		100
51) 2,6-Dinitrotoluene	9.710	165	214169	63.587	ng		99
52) Acenaphthene	9.963	154	801773	55.124	ng		99
53) 3-Nitroaniline	9.881	138	255984	62.070	ng		96
54) 2,4-Dinitrophenol	9.981	184	123295	61.138	ng		95
55) Dibenzofuran	10.133	168	1111183	54.120	ng		99
56) 4-Nitrophenol	10.034	139	195321	62.550	ng		92
57) 2,4-Dinitrotoluene	10.110	165	297018	64.812	ng		97
58) Fluorene	10.475	166	791518	51.090	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	264796	61.283	ng	#	97
60) Diethylphthalate	10.351	149	948580	56.214	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	433339	52.905	ng		97
62) 4-Nitroaniline	10.498	138	247024	62.288	ng		98
63) Azobenzene	10.628	77	992054	56.252	ng		98
65) 4,6-Dinitro-2-methylph...	10.522	198	166740	68.344	ng		99
66) n-Nitrosodiphenylamine	10.586	169	850570	55.797	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	302165	56.317	ng		98
68) Hexachlorobenzene	11.028	284	356406	57.378	ng		97
69) Atrazine	11.116	200	257412	55.713	ng		98
70) Pentachlorophenol	11.216	266	224011	62.792	ng		99
71) Phenanthrene	11.439	178	1270063	53.961	ng		99
72) Anthracene	11.492	178	1282940	53.956	ng		99
73) Carbazole	11.645	167	1170717	55.592	ng		99
74) Di-n-butylphthalate	11.975	149	1389569	56.934	ng		100
75) Fluoranthene	12.633	202	1325716	54.530	ng		99
77) Benzidine	12.751	184	551394	55.312	ng		98
78) Pyrene	12.863	202	1359513	56.800	ng		99
80) Butylbenzylphthalate	13.480	149	476448	61.293	ng		98
81) Benzo(a)anthracene	14.051	228	1111626	59.168	ng		99
82) 3,3'-Dichlorobenzidine	14.016	252	347863	60.756	ng		99
83) Chrysene	14.092	228	969765	55.770	ng		100
84) Bis(2-ethylhexyl)phtha...	14.039	149	579121	61.804	ng		99
85) Di-n-octyl phthalate	14.657	149	991597	64.431	ng		99
87) Indeno(1,2,3-cd)pyrene	17.045	276	1173726	61.815	ng		100
88) Benzo(b)fluoranthene	15.110	252	1117484	62.778	ng		99
89) Benzo(k)fluoranthene	15.139	252	855988	51.969	ng		99
90) Benzo(a)pyrene	15.480	252	901585	58.412	ng		98
91) Dibenzo(a,h)anthracene	17.062	278	935987	61.291	ng		98
92) Benzo(g,h,i)perylene	17.504	276	946452	61.976	ng		98

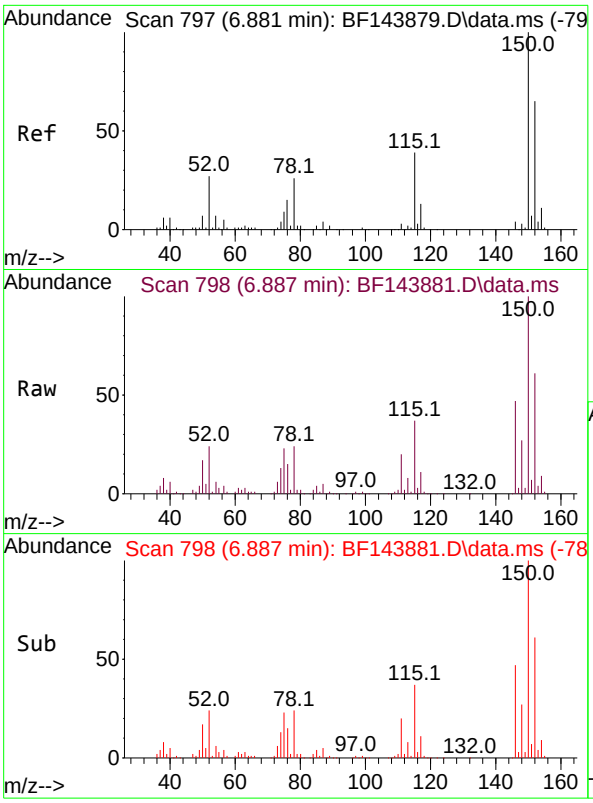
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143881.D
Acq On : 06 Oct 2025 13:53
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Oct 06 15:38:52 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



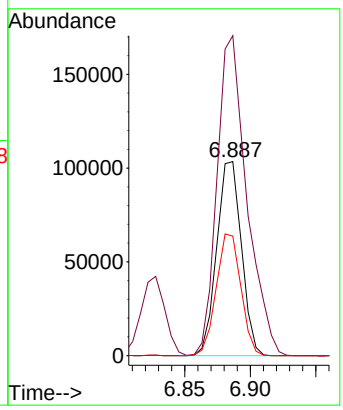


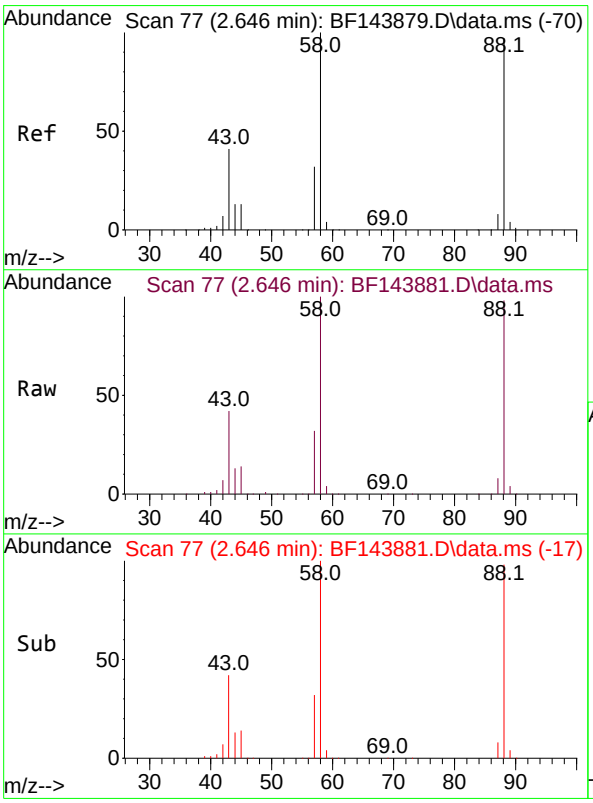
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 79
Delta R.T. 0.001 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 136069

Ion	Ratio	Lower	Upper
152	100		
150	165.0	124.4	186.6
115	61.6	48.1	72.1

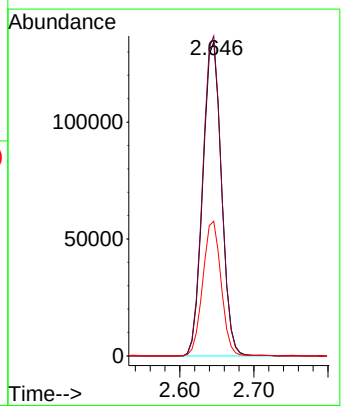


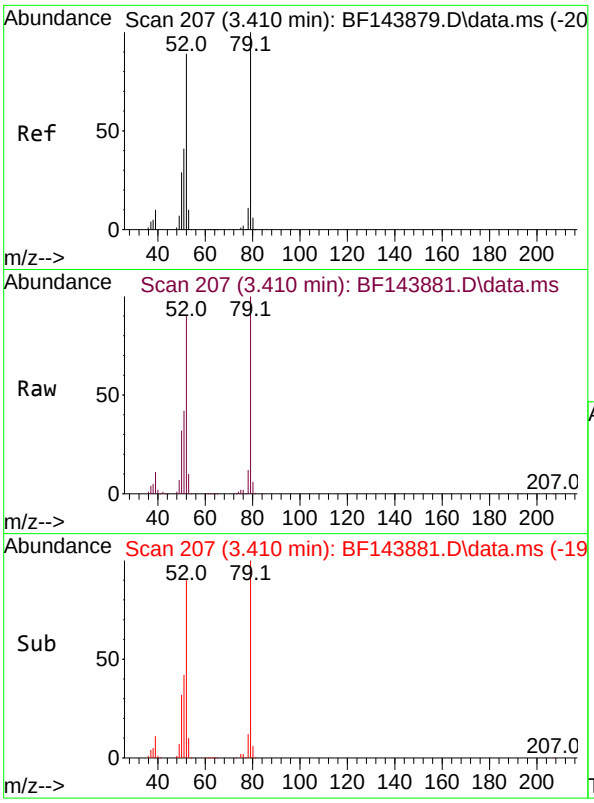


#2
1,4-Dioxane
Concen: 59.298 ng
RT: 2.646 min Scan# 77
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion: 88 Resp: 235125

Ion	Ratio	Lower	Upper
88	100		
58	101.8	83.0	124.6
43	42.1	33.9	50.9



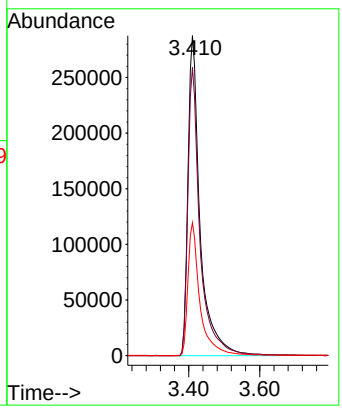


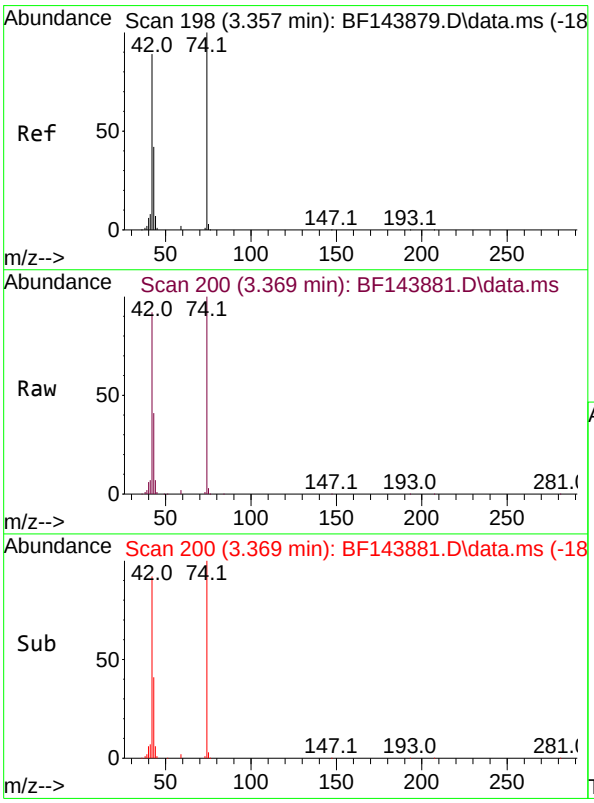
#3
Pyridine
Concen: 59.411 ng
RT: 3.410 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 685786

Ion	Ratio	Lower	Upper
79	100		
52	90.0	71.5	107.3
51	41.5	32.9	49.3

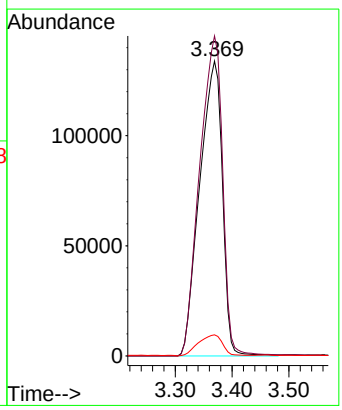


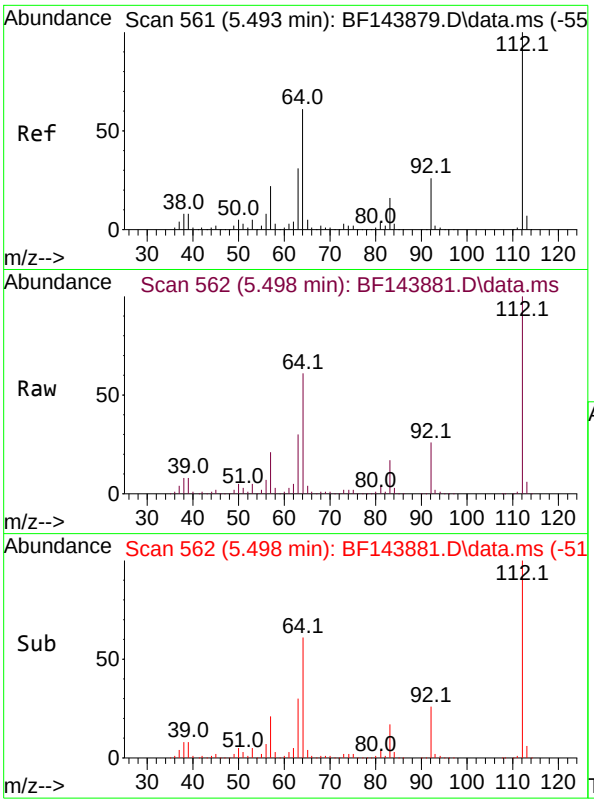


#4
n-Nitrosodimethylamine
Concen: 61.134 ng
RT: 3.369 min Scan# 200
Delta R.T. -0.017 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion: 42 Resp: 371223

Ion	Ratio	Lower	Upper
42	100		
74	108.6	90.0	135.0
44	7.1	6.2	9.2



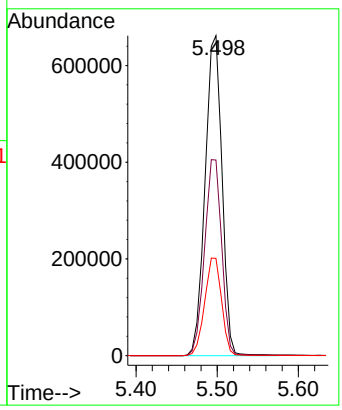


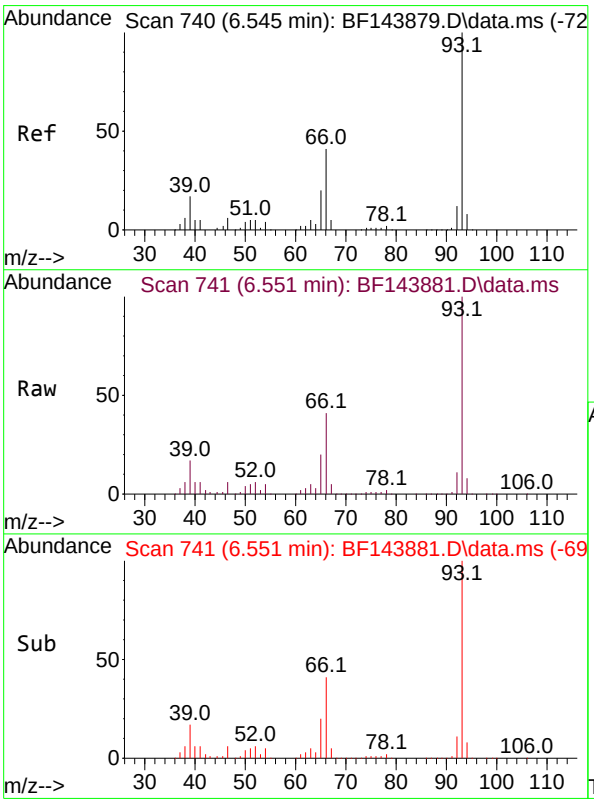
#5
2-Fluorophenol
Concen: 112.181 ng
RT: 5.498 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:112 Resp: 961239

Ion	Ratio	Lower	Upper
112	100		
64	61.1	49.1	73.7
63	30.4	24.5	36.7

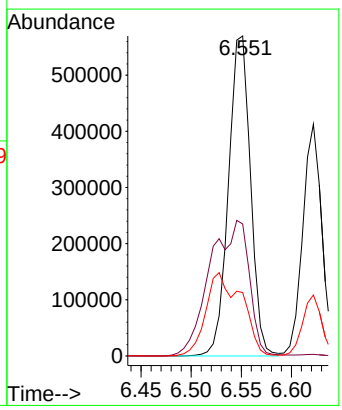


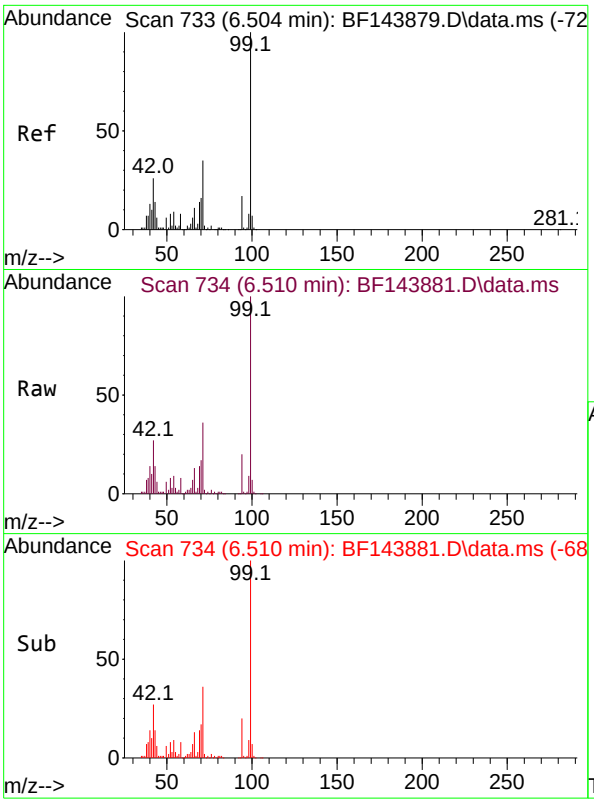


#6
Aniline
Concen: 56.909 ng
RT: 6.551 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion: 93 Resp: 870980

Ion	Ratio	Lower	Upper
93	100		
66	41.2	33.0	49.6
65	19.8	15.8	23.8



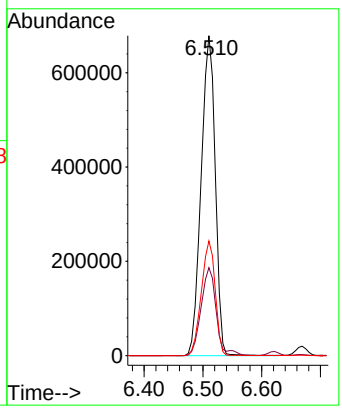


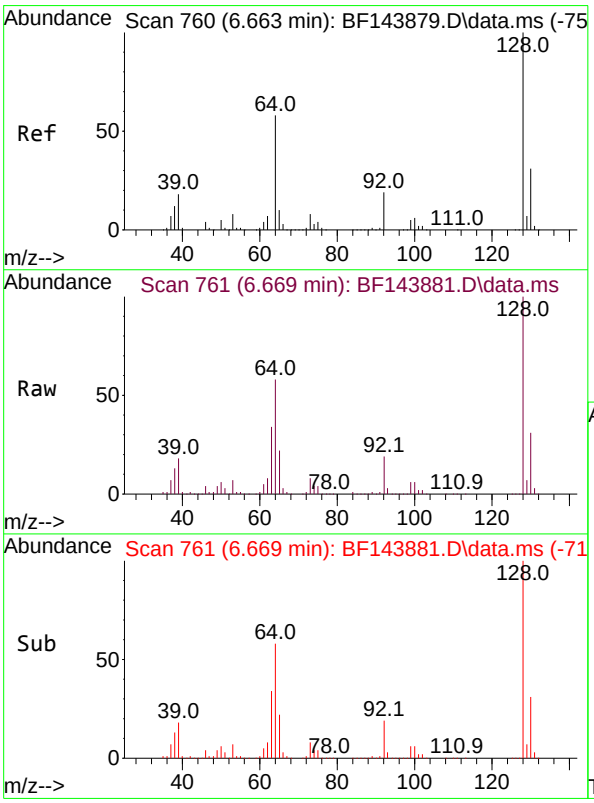
#7
Phenol-d6
Concen: 110.899 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 99 Resp: 1132663

Ion	Ratio	Lower	Upper
99	100		
42	27.5	21.0	31.4
71	35.8	27.8	41.8

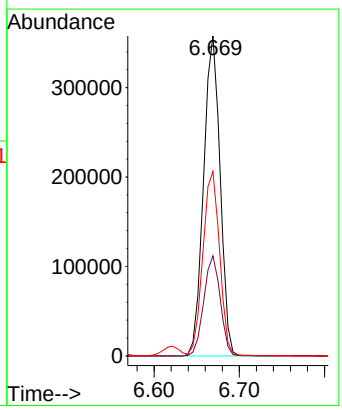


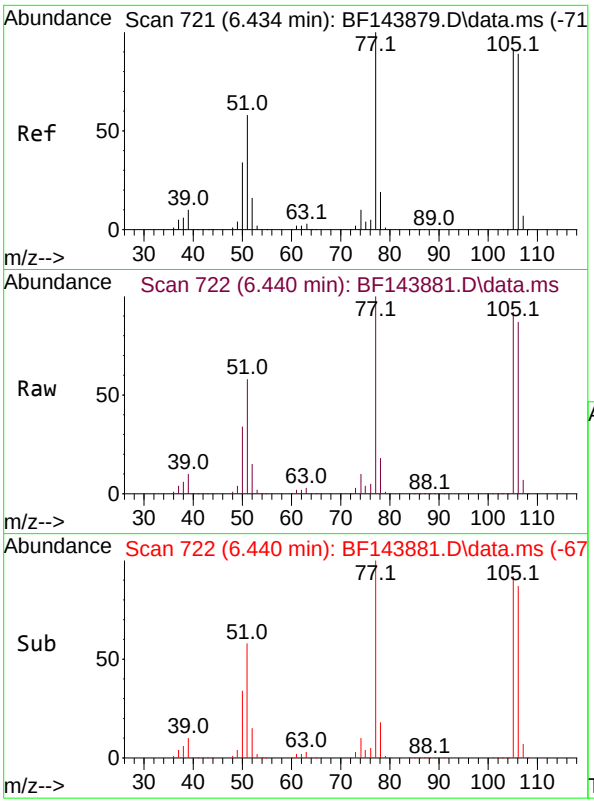


#8
2-Chlorophenol
Concen: 57.621 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:128 Resp: 482622

Ion	Ratio	Lower	Upper
128	100		
130	31.3	10.7	50.7
64	57.6	39.0	79.0



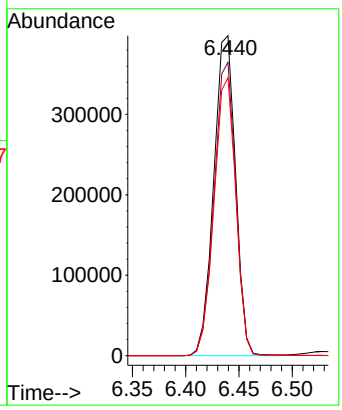


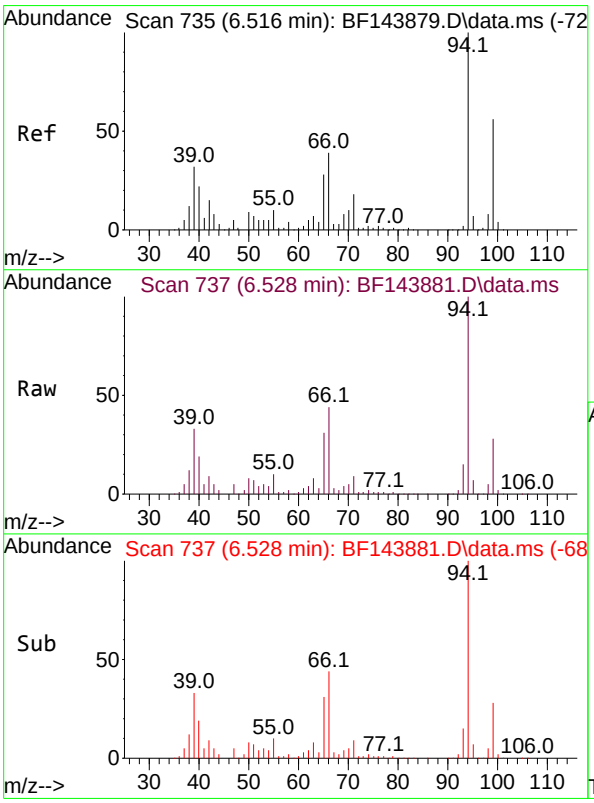
#9
Benzaldehyde
Concen: 71.995 ng
RT: 6.440 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 567228

Ion	Ratio	Lower	Upper
77	100		
105	91.6	70.9	110.9
106	86.8	68.9	108.9

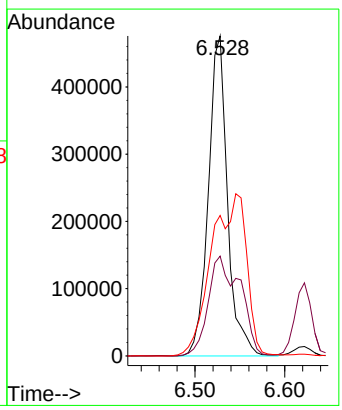


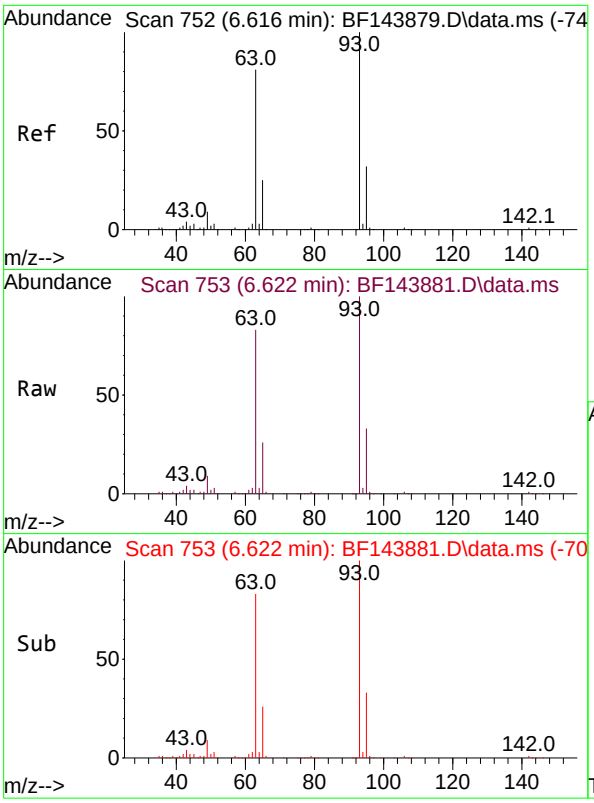


#10
Phenol
Concen: 58.149 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion: 94 Resp: 710019

Ion	Ratio	Lower	Upper
94	100		
65	31.2	8.5	48.5
66	43.9	19.9	59.9



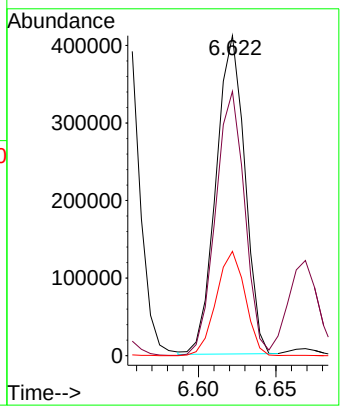


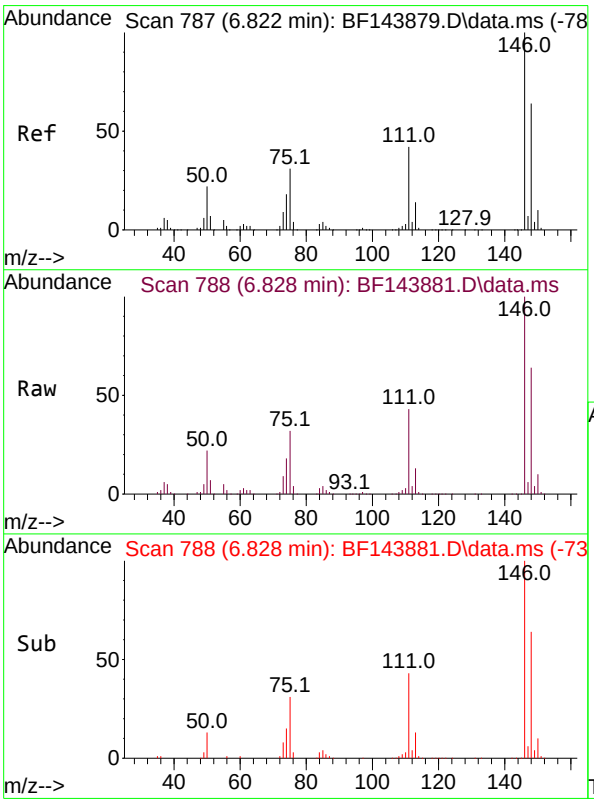
#11
bis(2-Chloroethyl)ether
Concen: 56.337 ng
RT: 6.622 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 93 Resp: 531386

Ion	Ratio	Lower	Upper
93	100		
63	82.6	60.9	100.9
95	32.6	11.5	51.5

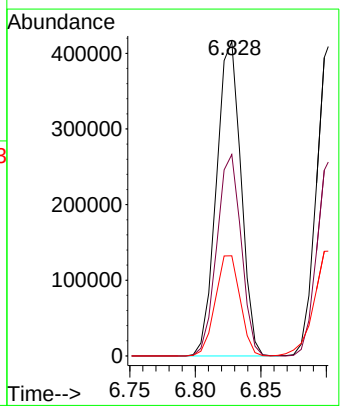


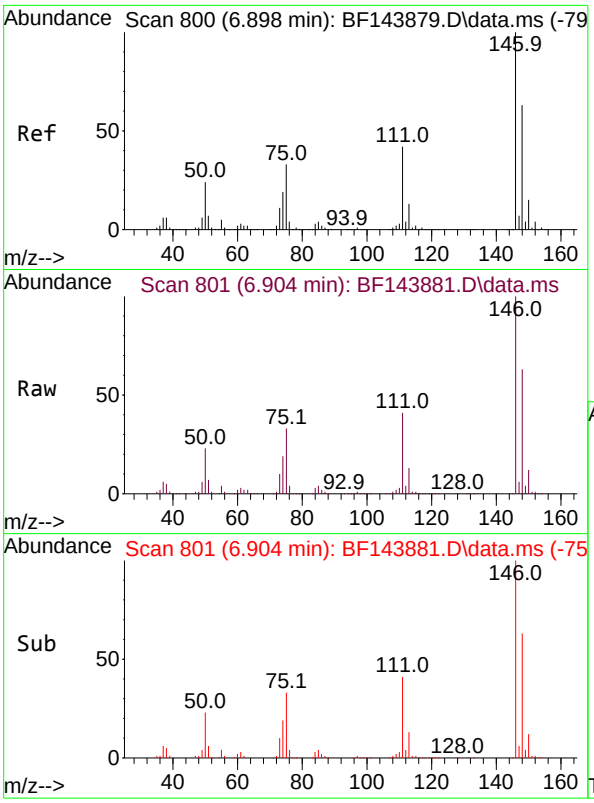


#12
1,3-Dichlorobenzene
Concen: 54.041 ng
RT: 6.828 min Scan# 788
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:146 Resp: 541823

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.0	76.4
75	31.8	24.9	37.3



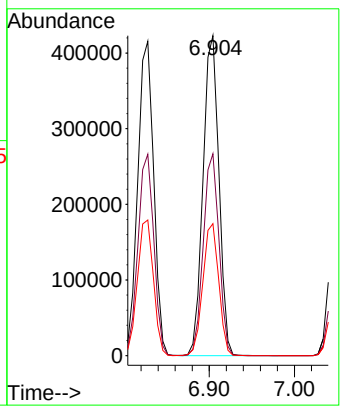


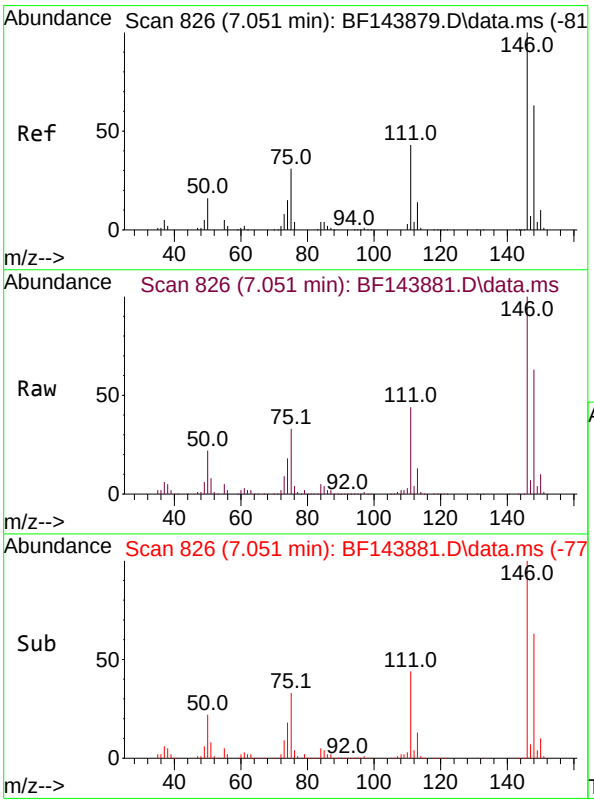
#13
1,4-Dichlorobenzene
Concen: 55.312 ng
RT: 6.904 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:146 Resp: 547027

Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.5	75.7
111	41.2	33.4	50.0

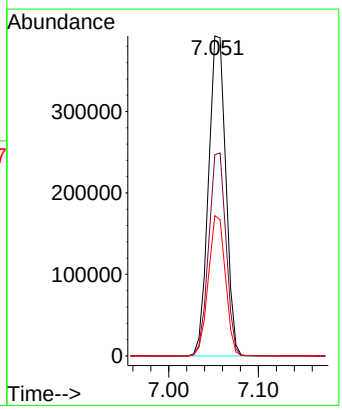


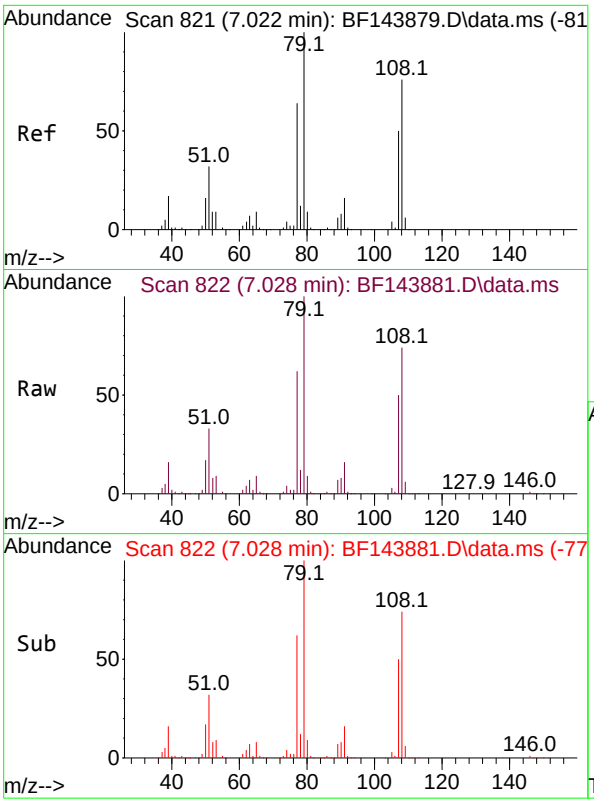


#14
1,2-Dichlorobenzene
Concen: 55.507 ng
RT: 7.051 min Scan# 826
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:146 Resp: 525807

Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.6	75.8
111	43.8	34.6	51.8



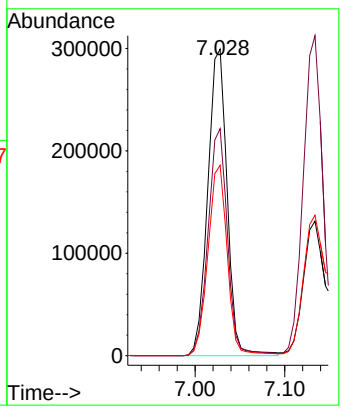


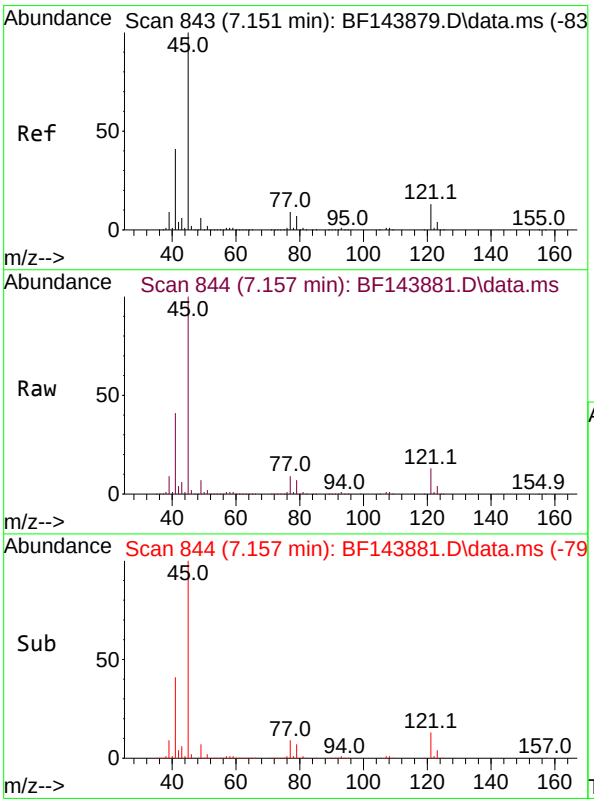
#15
Benzyl Alcohol
Concen: 58.880 ng
RT: 7.028 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 450578

Ion	Ratio	Lower	Upper
79	100		
108	74.1	60.8	91.2
77	62.1	51.0	76.6

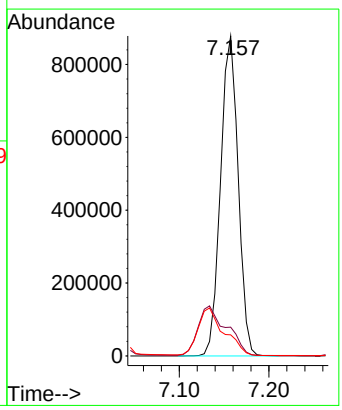


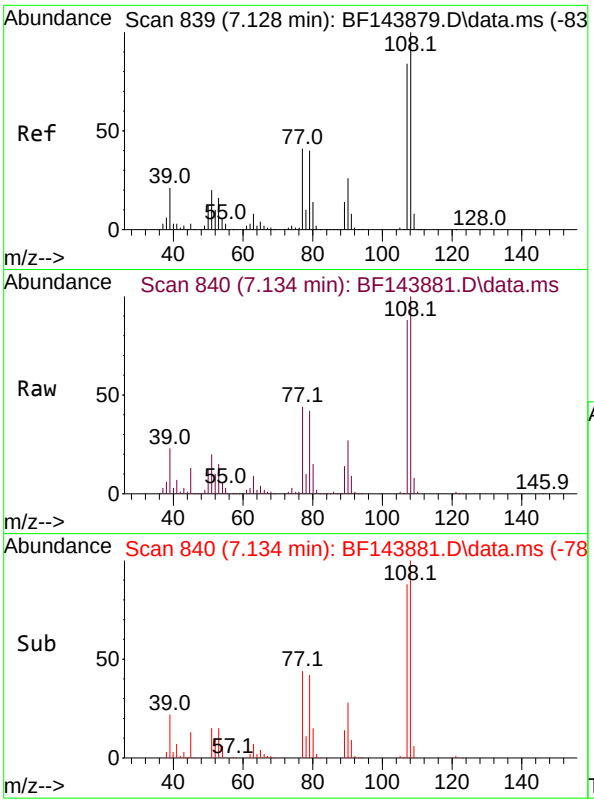


#16
2,2'-oxybis(1-Chloropropane)
Concen: 56.002 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion: 45 Resp: 1202366

Ion	Ratio	Lower	Upper
45	100		
77	9.0	0.0	29.0
79	6.6	0.0	26.8



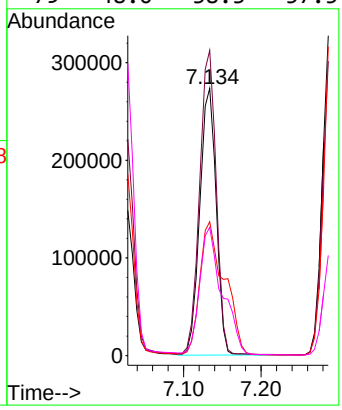


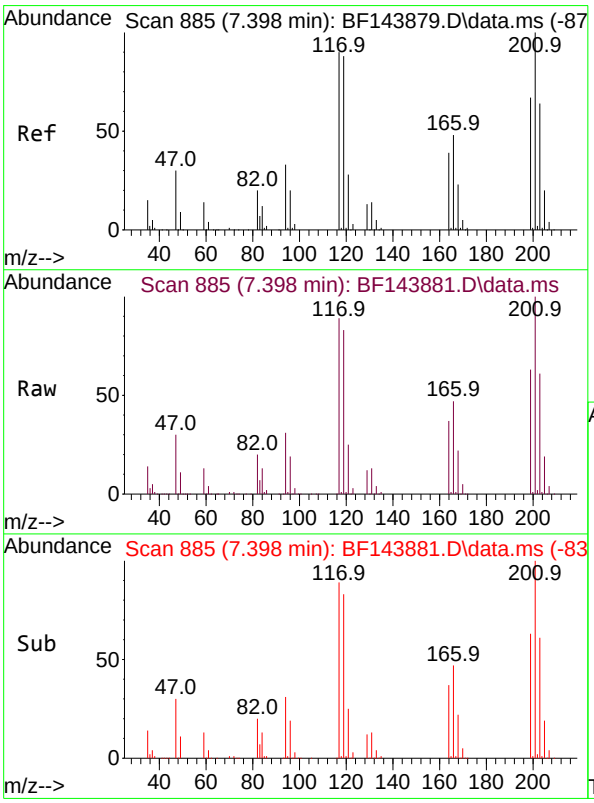
#17
2-Methylphenol
Concen: 58.170 ng
RT: 7.134 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:107 Resp: 402660

Ion	Ratio	Lower	Upper
107	100		
108	114.2	94.7	142.1
77	50.1	38.8	58.2
79	48.0	38.3	57.5

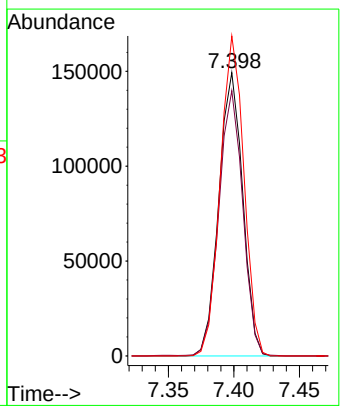


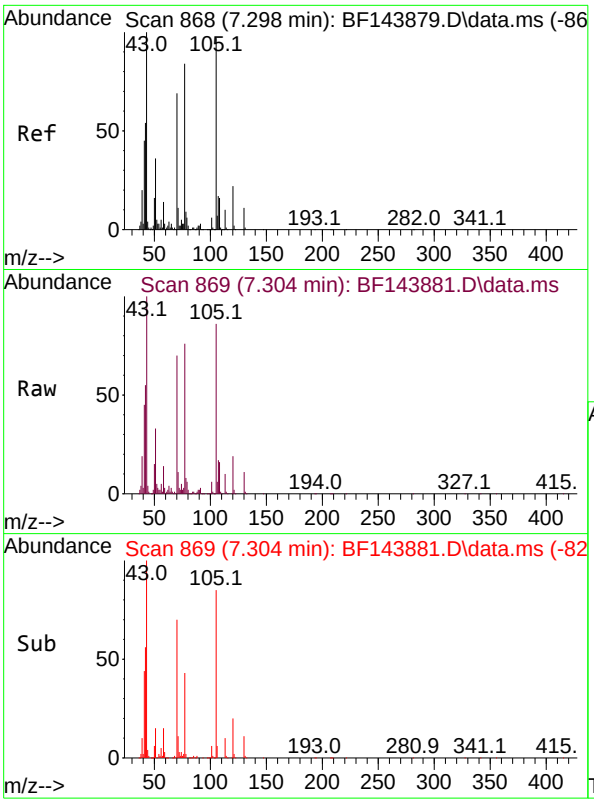


#18
Hexachloroethane
Concen: 57.373 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:117 Resp: 189228

Ion	Ratio	Lower	Upper
117	100		
119	93.6	77.8	116.8
201	112.9	88.5	132.7



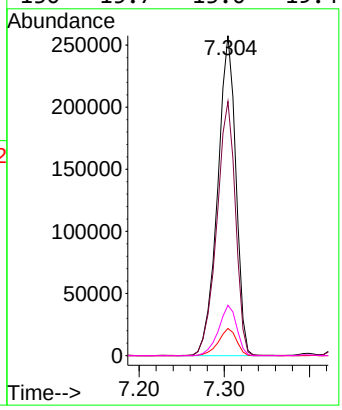


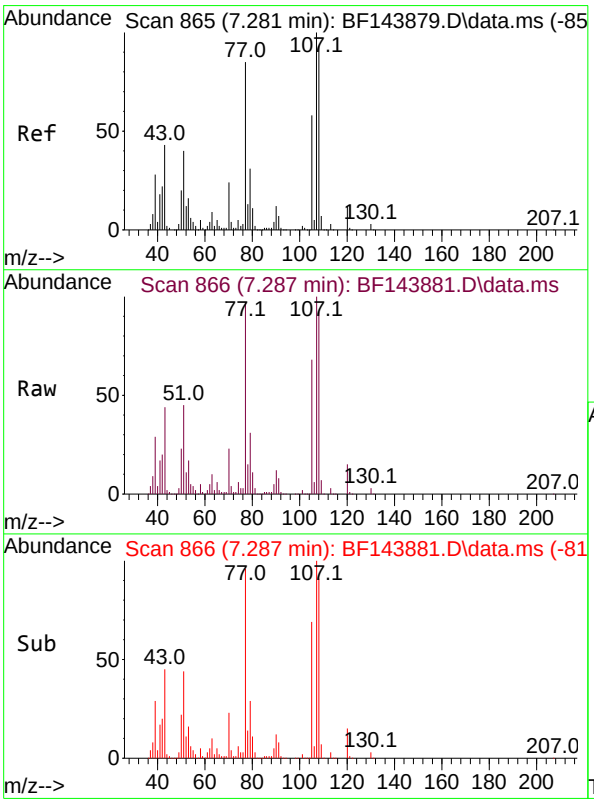
#19
n-Nitroso-di-n-propylamine
Concen: 54.794 ng
RT: 7.304 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 70 Resp: 383071

Ion	Ratio	Lower	Upper
70	100		
42	79.4	62.8	94.2
101	8.5	6.7	10.1
130	15.7	13.0	19.4

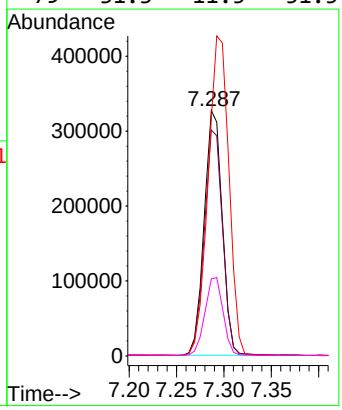


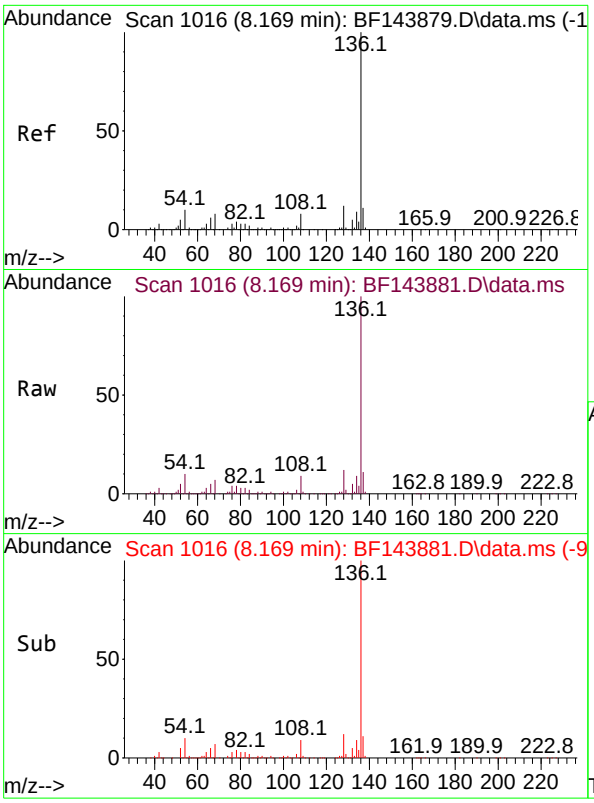


#20
3+4-Methylphenols
Concen: 54.319 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.012 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:107 Resp: 435782

Ion	Ratio	Lower	Upper
107	100		
108	92.0	73.0	113.0
77	96.5	64.6	104.6
79	31.3	11.5	51.5



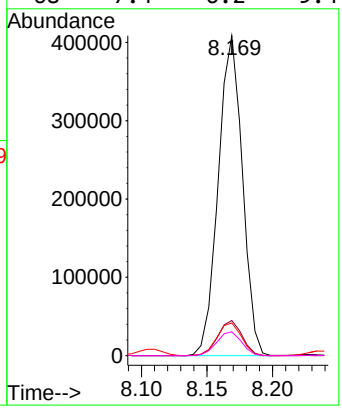


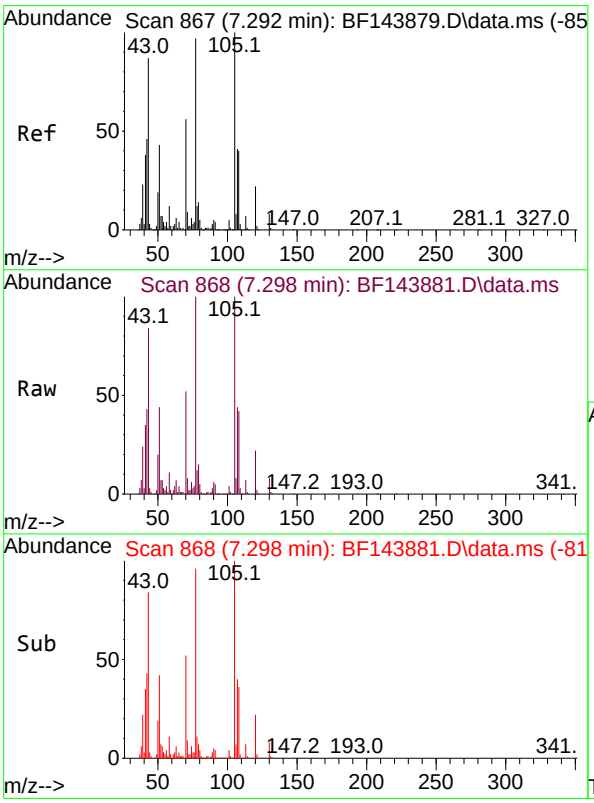
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:136 Resp: 524164

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	10.2	8.2	12.4
68	7.4	6.2	9.4

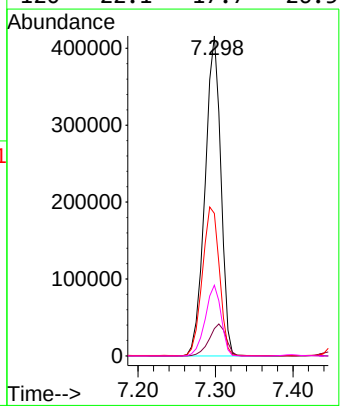


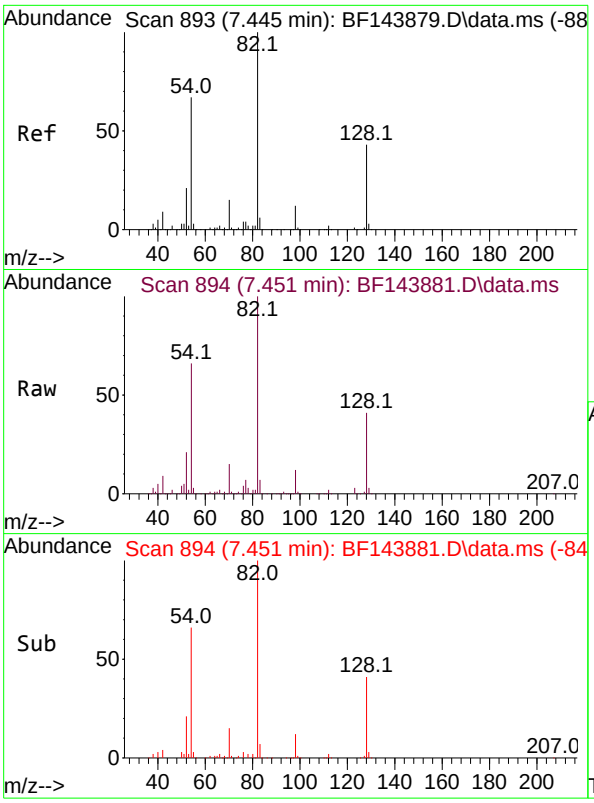


#22
Acetophenone
Concen: 53.189 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:105 Resp: 589502

Ion	Ratio	Lower	Upper
105	100		
71	8.5	7.4	11.0
51	44.5	34.2	51.4
120	22.1	17.7	26.5



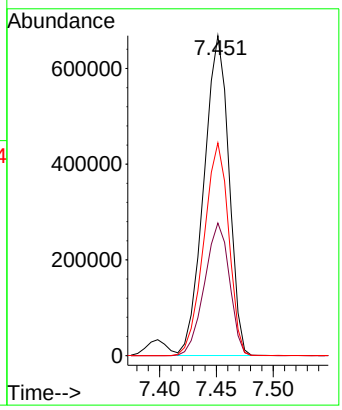


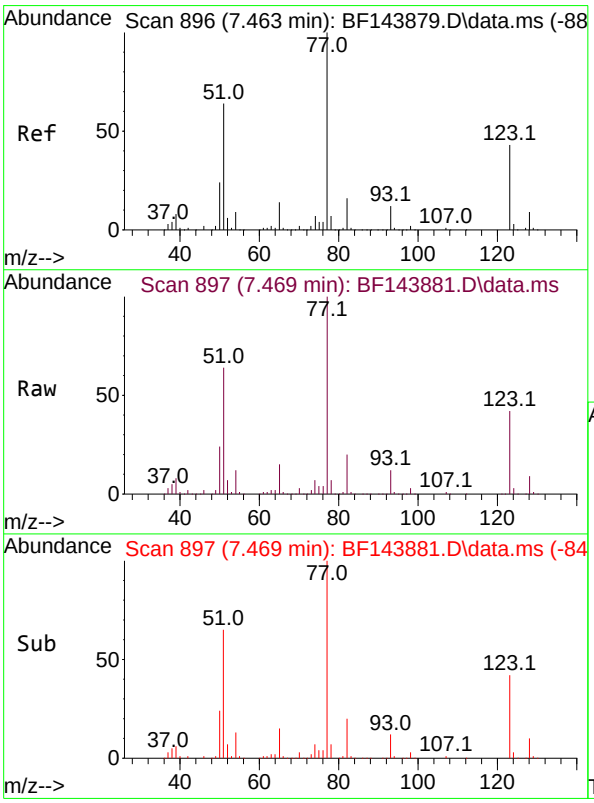
#23
Nitrobenzene-d5
Concen: 118.430 ng
RT: 7.451 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 1021762

Ion	Ratio	Lower	Upper
82	100		
128	41.4	34.0	51.0
54	66.5	53.2	79.8

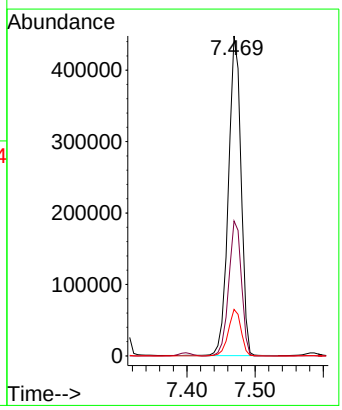


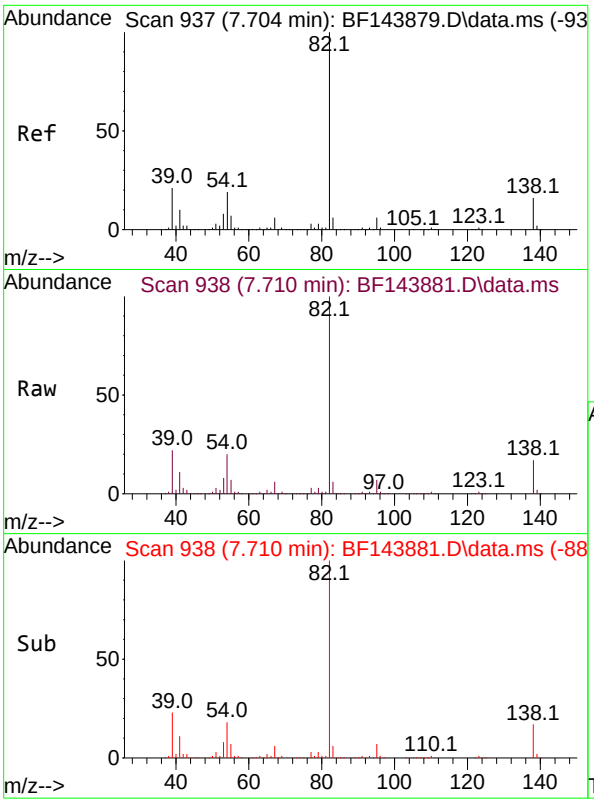


#24
Nitrobenzene
Concen: 59.969 ng
RT: 7.469 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion: 77 Resp: 574563

Ion	Ratio	Lower	Upper
77	100		
123	42.2	34.2	51.4
65	14.5	11.0	16.6



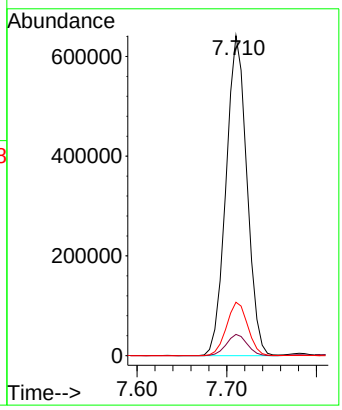


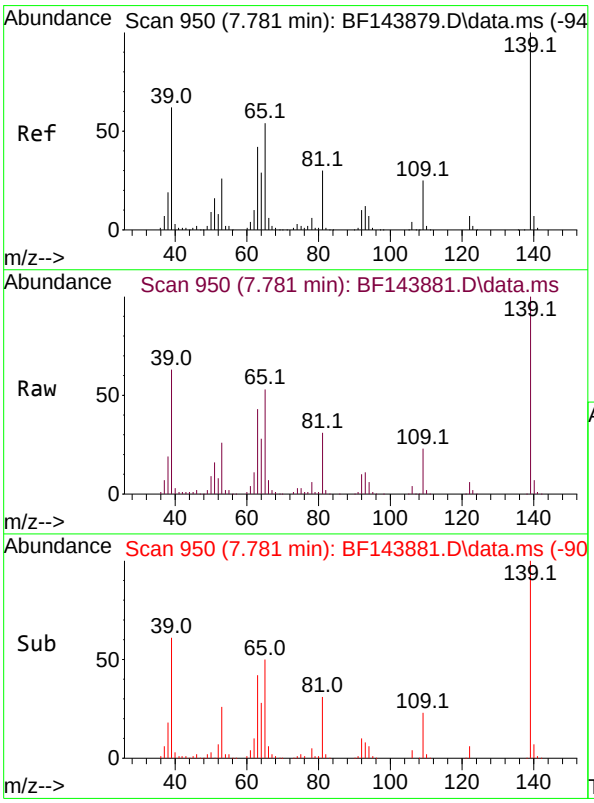
#25
Isophorone
Concen: 57.290 ng
RT: 7.710 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 1042198

Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.1	7.7
138	16.7	12.9	19.3

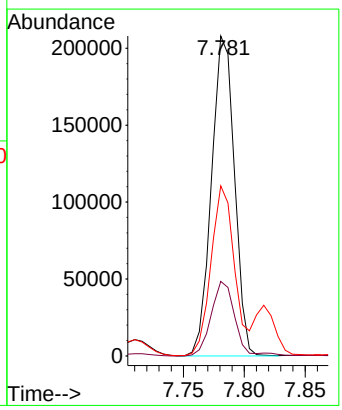


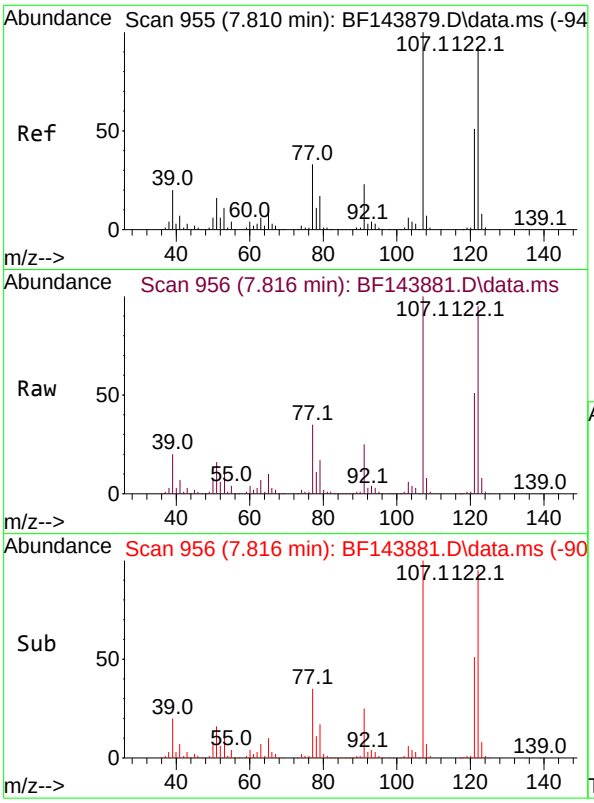


#26
2-Nitrophenol
Concen: 66.327 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:139 Resp: 272450

Ion	Ratio	Lower	Upper
139	100		
109	23.3	19.8	29.6
65	53.1	42.9	64.3



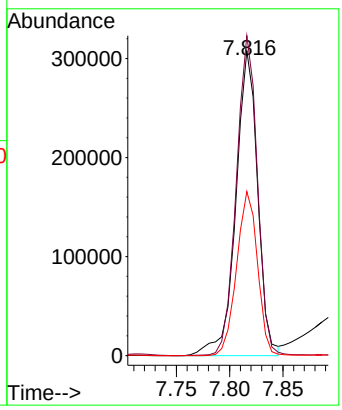


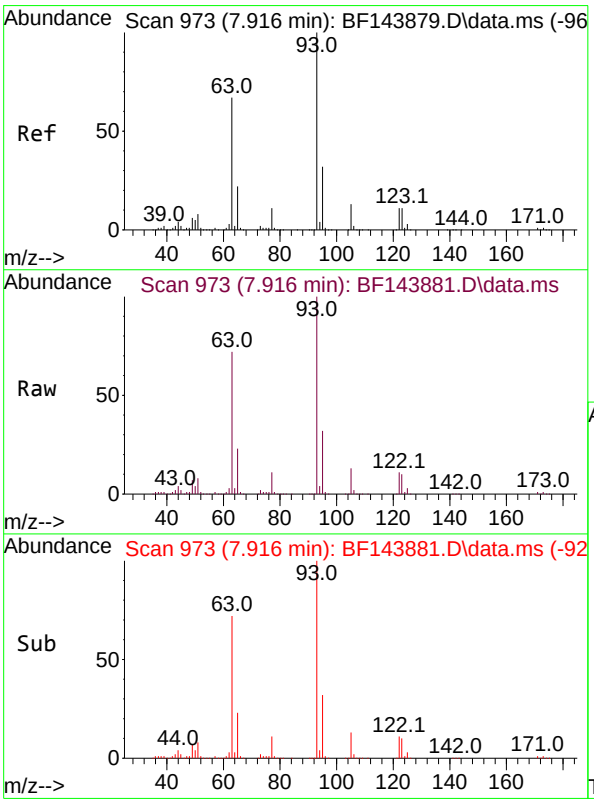
#27
2,4-Dimethylphenol
Concen: 59.187 ng
RT: 7.816 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:122 Resp: 437344

Ion	Ratio	Lower	Upper
122	100		
107	105.0	86.1	129.1
121	53.8	43.8	65.6

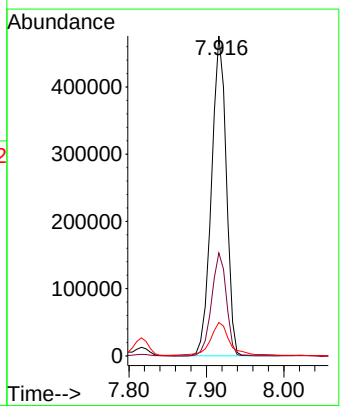


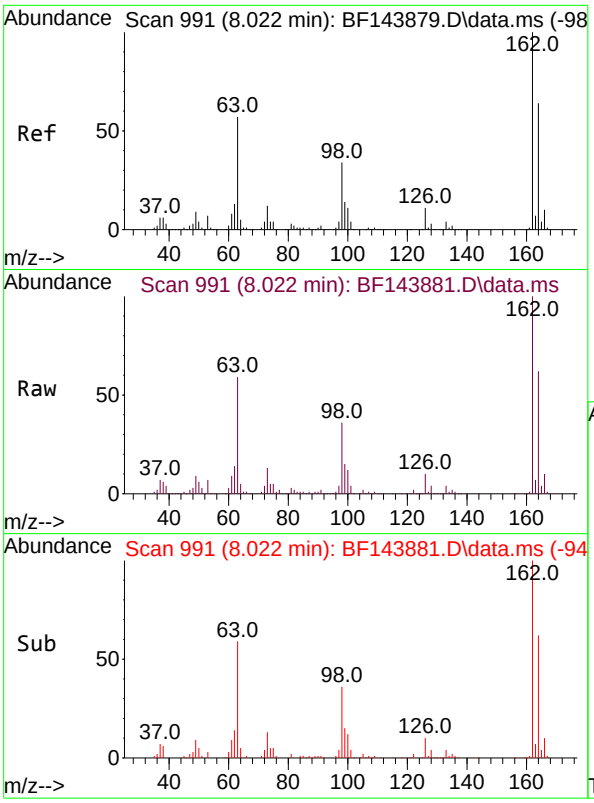


#28
bis(2-Chloroethoxy)methane
Concen: 54.917 ng
RT: 7.916 min Scan# 973
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion: 93 Resp: 631066

Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.9	38.9
123	10.4	9.4	14.0



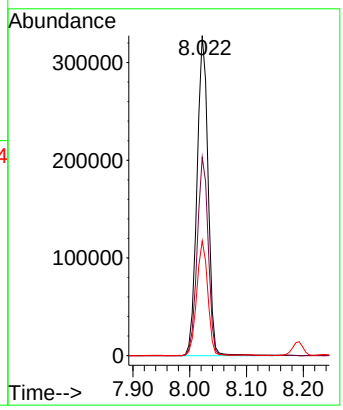


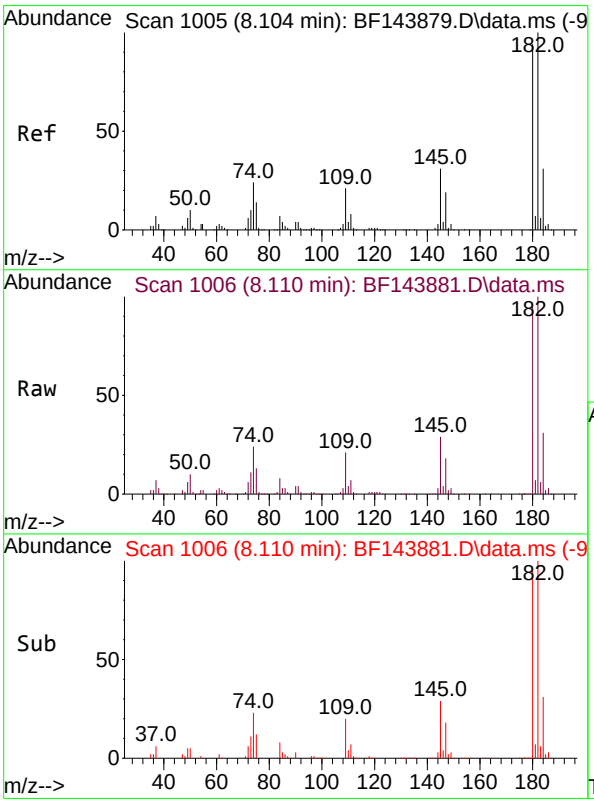
#29
2,4-Dichlorophenol
Concen: 57.524 ng
RT: 8.022 min Scan# 99
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 442749

Ion	Ratio	Lower	Upper
162	100		
164	62.0	43.9	83.9
98	35.9	14.4	54.4

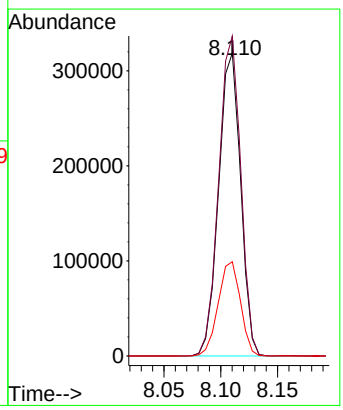


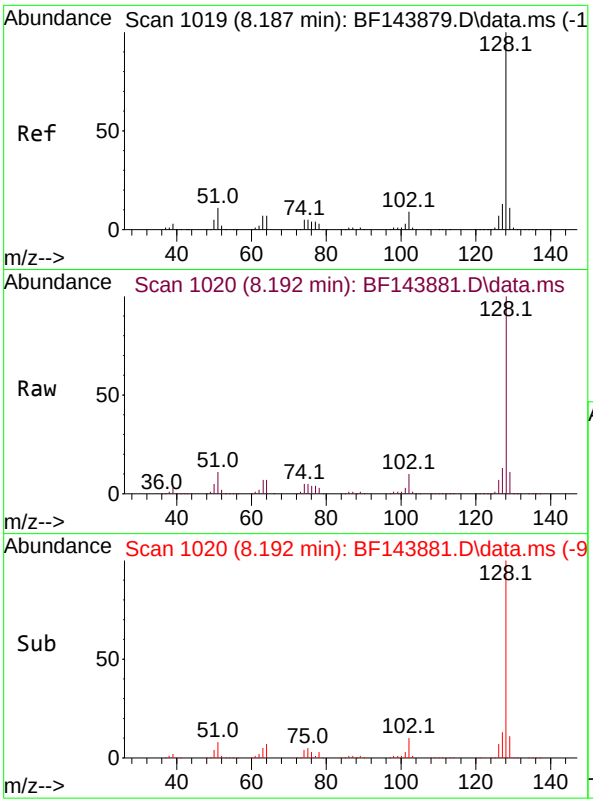


#30
1,2,4-Trichlorobenzene
Concen: 56.555 ng
RT: 8.110 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:180 Resp: 428102

Ion	Ratio	Lower	Upper
180	100		
182	105.7	85.4	128.0
145	31.1	26.3	39.5



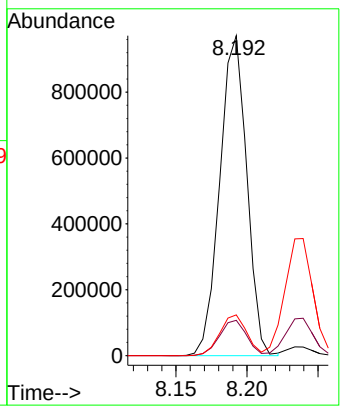


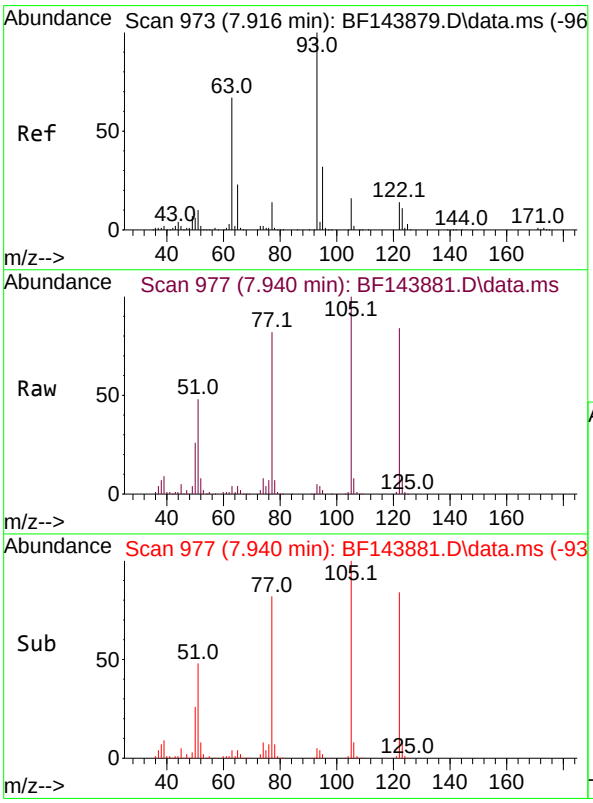
#31
Naphthalene
Concen: 53.874 ng
RT: 8.192 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:128 Resp: 1284573

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	12.7	10.0	15.0

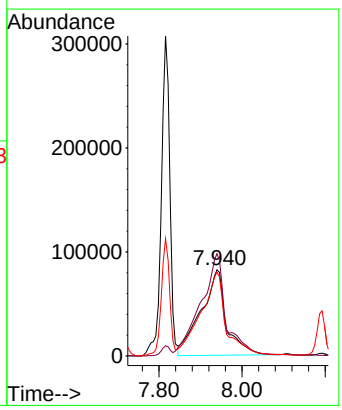


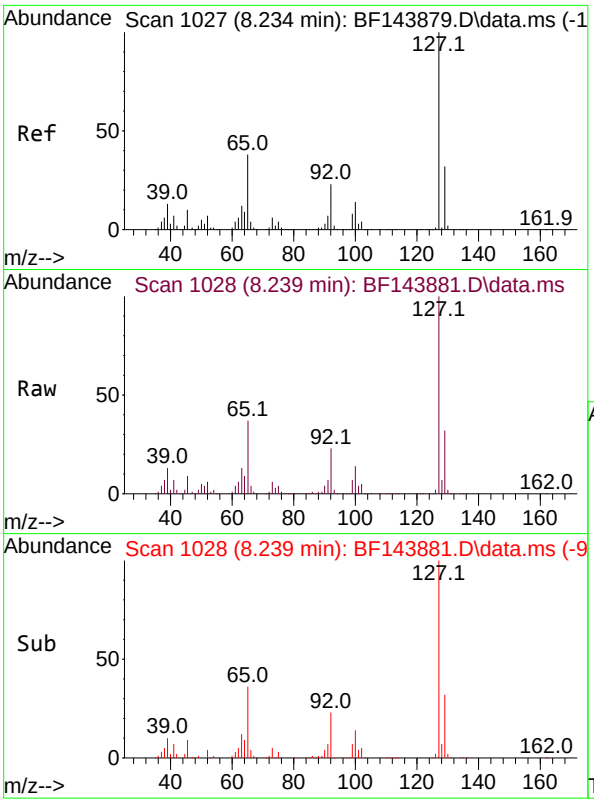


#32
Benzoic acid
Concen: 68.237 ng
RT: 7.940 min Scan# 977
Delta R.T. -0.023 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:122 Resp: 348955

Ion	Ratio	Lower	Upper
122	100		
105	118.8	93.5	133.5
77	97.3	76.3	116.3



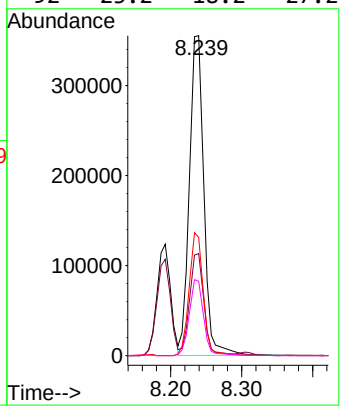


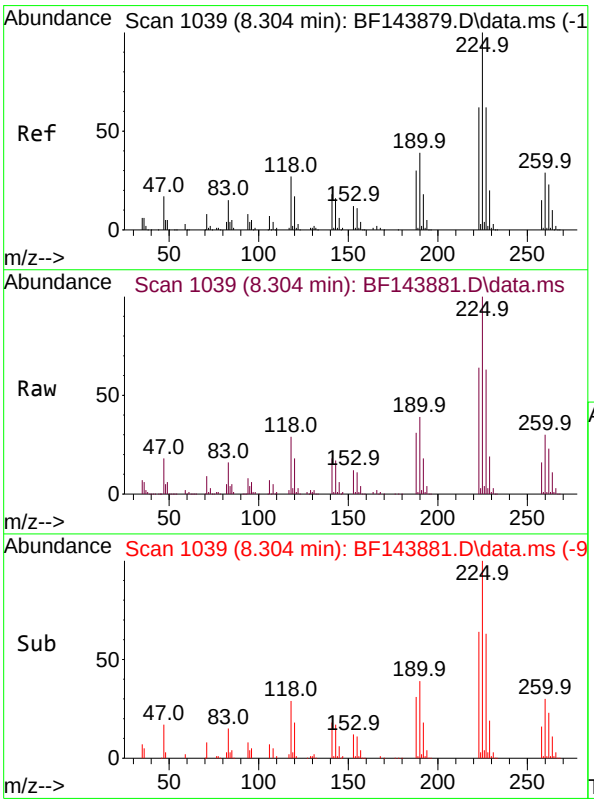
#33
4-Chloroaniline
Concen: 56.451 ng
RT: 8.239 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:127 Resp: 504823

Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.8	38.8
65	36.9	30.0	45.0
92	23.2	18.2	27.2

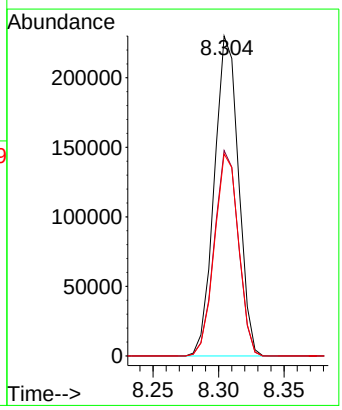


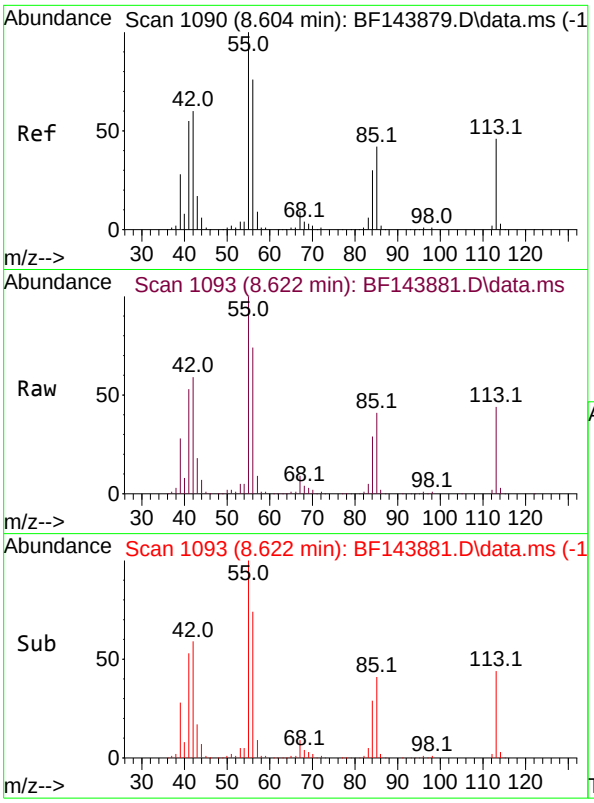


#34
Hexachlorobutadiene
Concen: 55.989 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:225 Resp: 294507

Ion	Ratio	Lower	Upper
225	100		
223	64.2	49.4	74.2
227	63.1	49.7	74.5



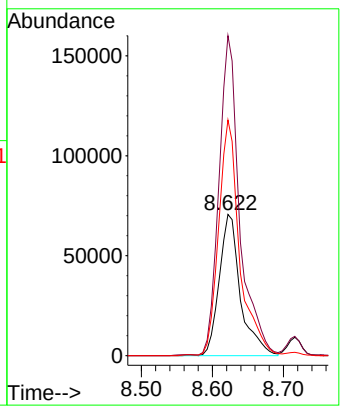


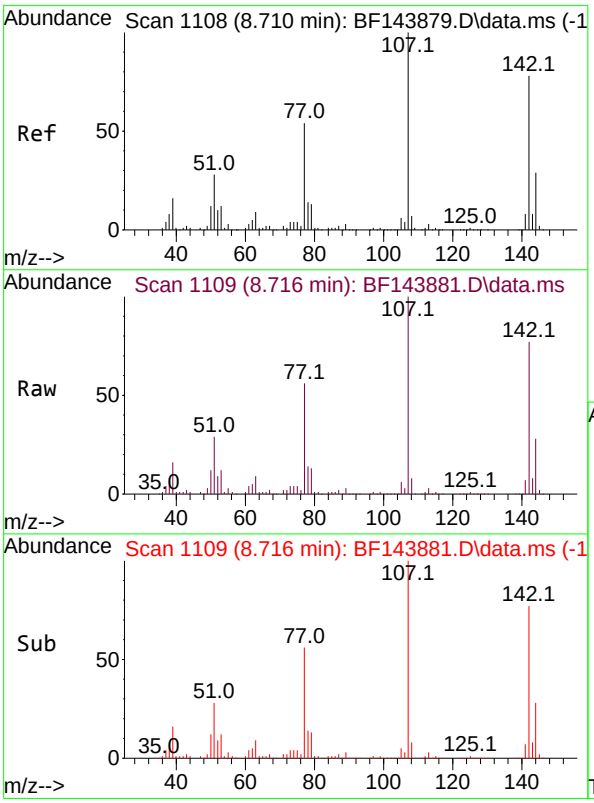
#35
Caprolactam
Concen: 60.055 ng
RT: 8.622 min Scan# 1
Delta R.T. -0.023 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:113 Resp: 146970

Ion	Ratio	Lower	Upper
113	100		
55	226.6	199.6	239.6
56	166.8	146.0	186.0

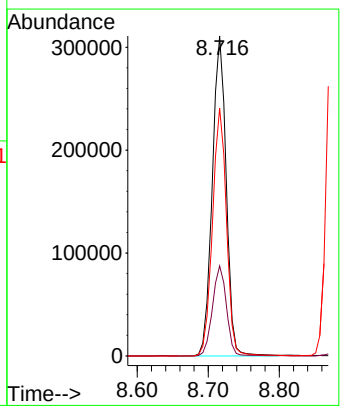


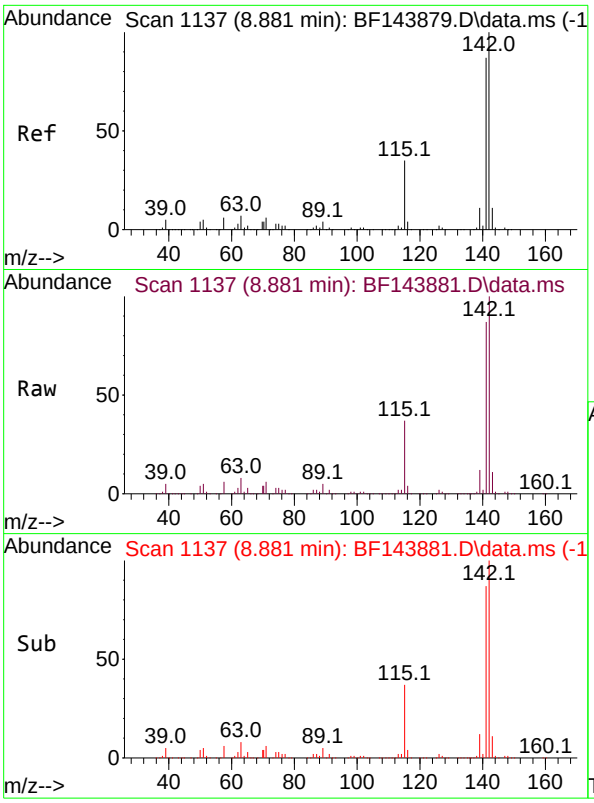


#36
4-Chloro-3-methylphenol
Concen: 57.336 ng
RT: 8.716 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:107 Resp: 423904

Ion	Ratio	Lower	Upper
107	100		
144	28.1	23.1	34.7
142	77.4	62.6	94.0



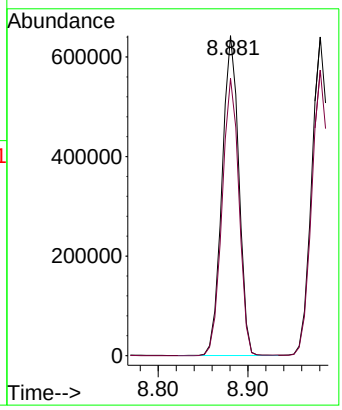


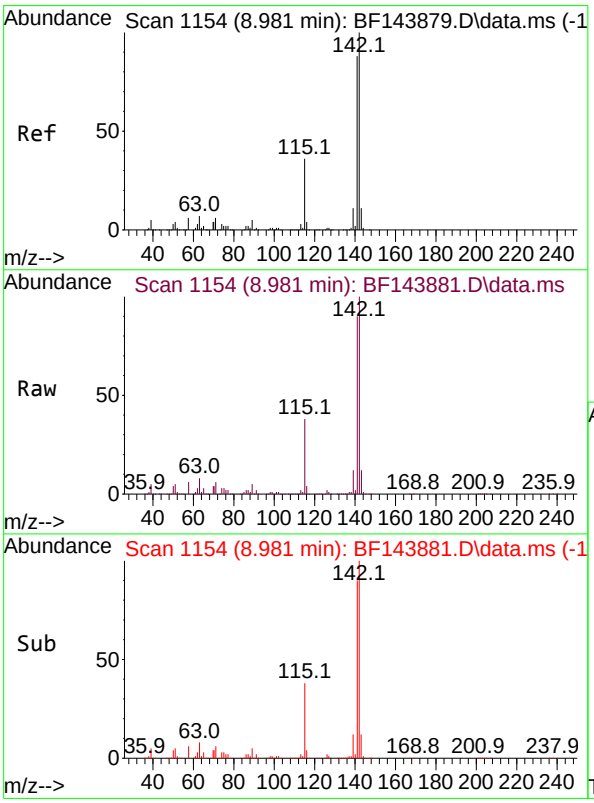
#37
2-Methylnaphthalene
Concen: 52.814 ng
RT: 8.881 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:142 Resp: 838837

Ion	Ratio	Lower	Upper
142	100		
141	86.6	69.2	103.8

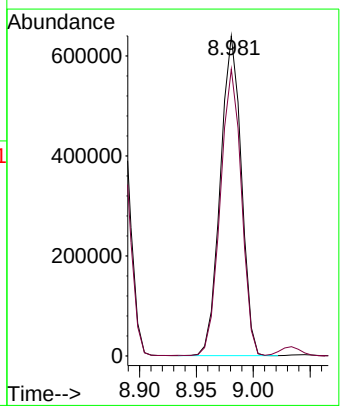


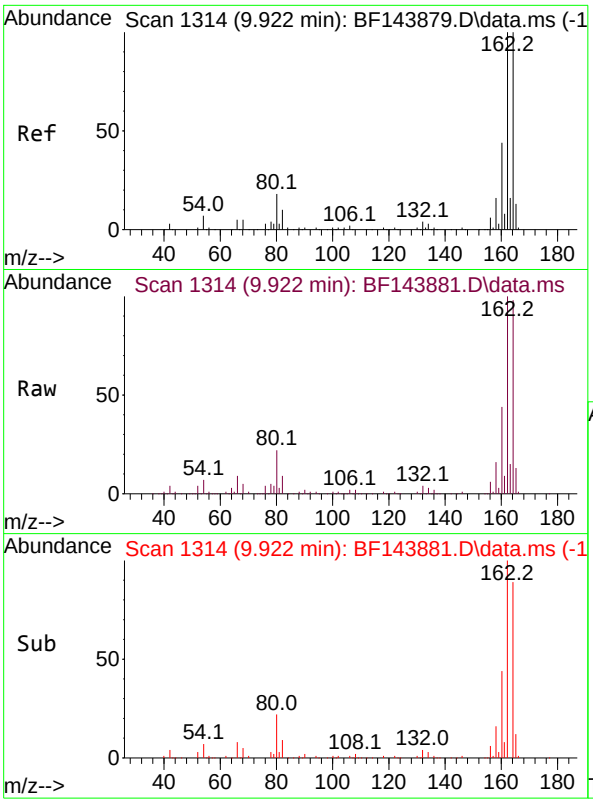


#38
1-Methylnaphthalene
Concen: 53.405 ng
RT: 8.981 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:142 Resp: 822755

Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.8	106.2



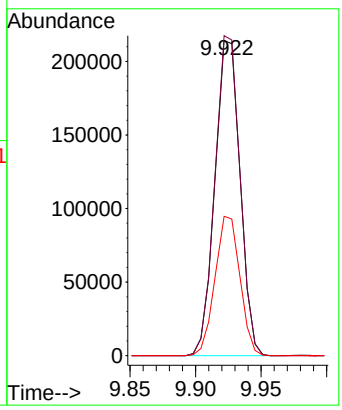


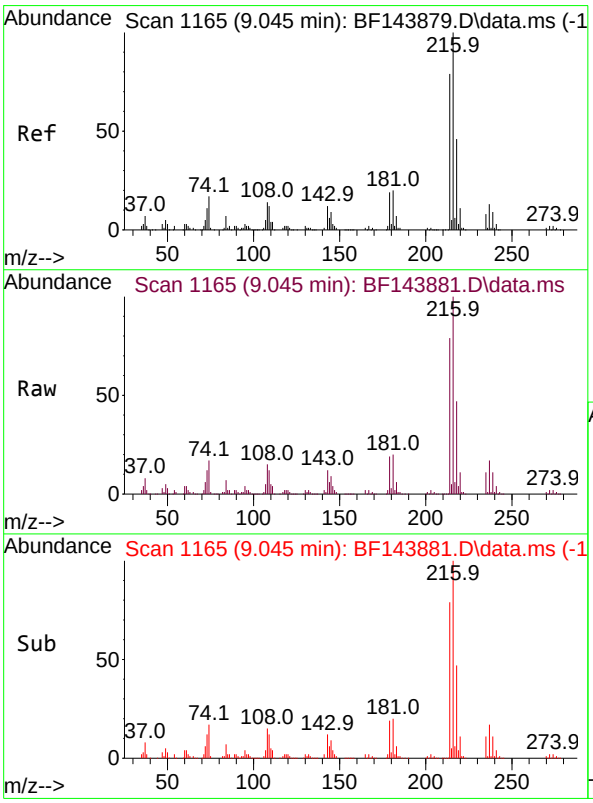
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1
Delta R.T. -0.005 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:164 Resp: 286024

Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.2	120.2
160	44.2	35.4	53.0

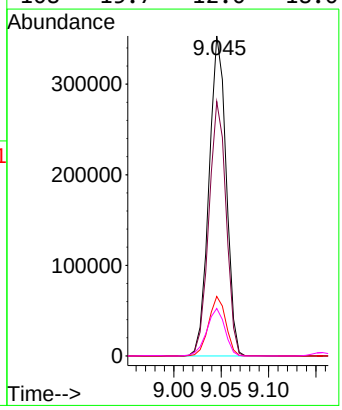


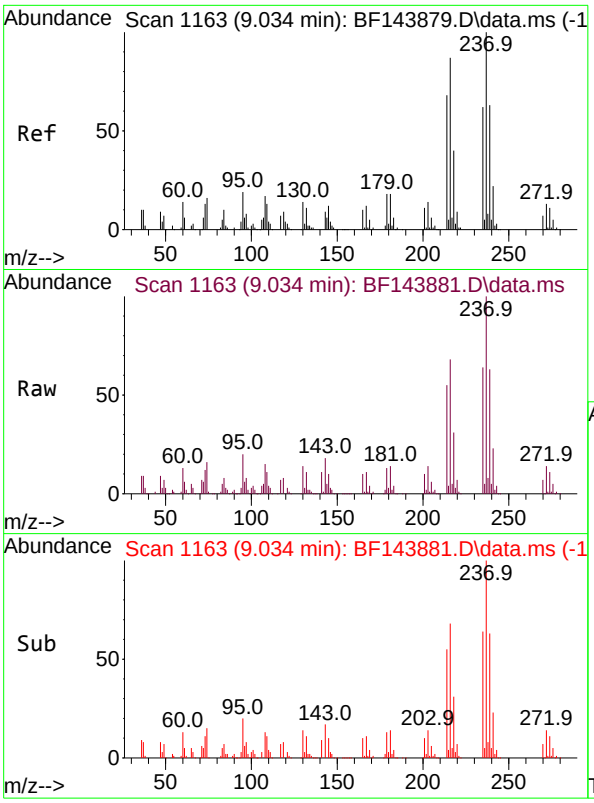


#40
1,2,4,5-Tetrachlorobenzene
Concen: 56.382 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:216 Resp: 445714

Ion	Ratio	Lower	Upper
216	100		
214	79.6	62.6	94.0
179	18.5	15.4	23.0
108	15.7	12.0	18.0



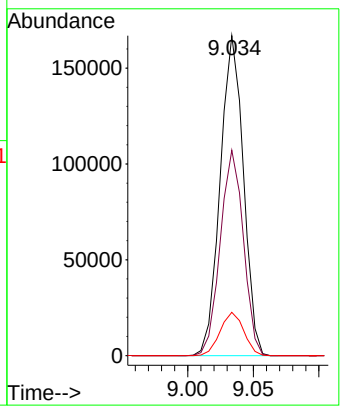


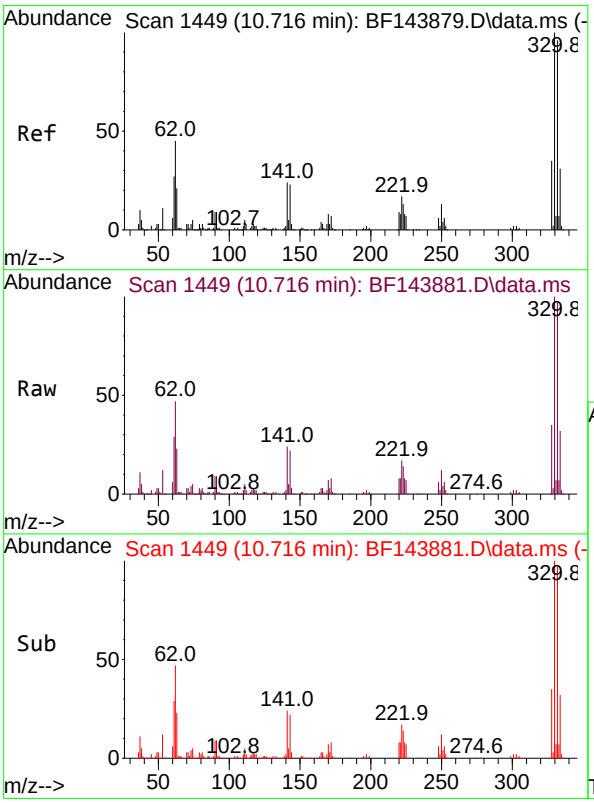
#41
Hexachlorocyclopentadiene
Concen: 62.806 ng
RT: 9.034 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:237 Resp: 205978

Ion	Ratio	Lower	Upper
237	100		
235	64.2	42.3	82.3
272	13.5	0.0	33.1

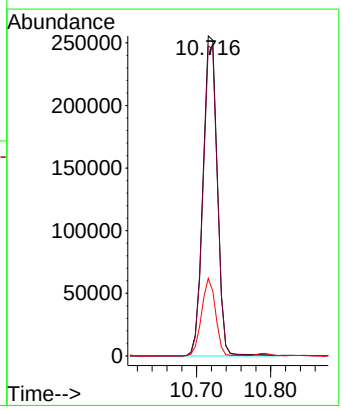


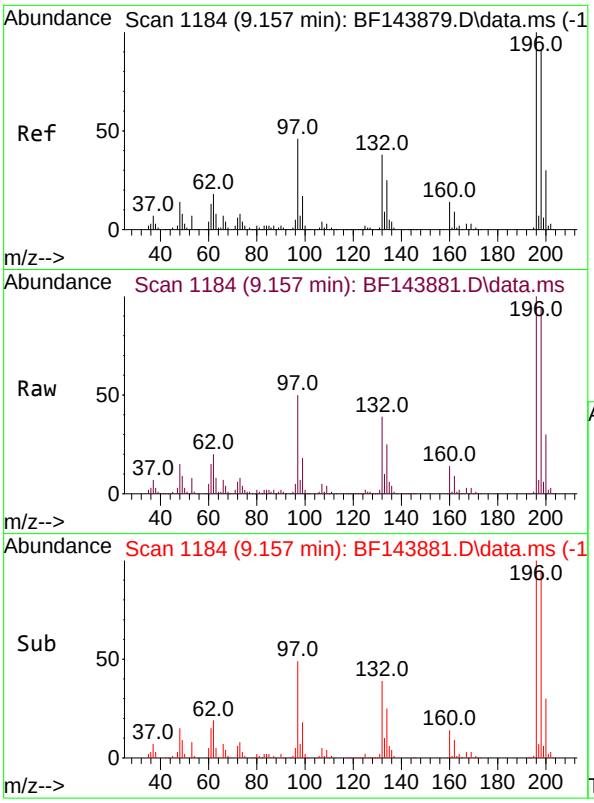


#42
2,4,6-Tribromophenol
Concen: 120.554 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:330 Resp: 343442

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.9	115.3
141	23.7	20.2	30.4



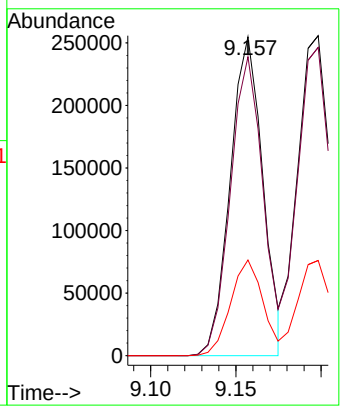


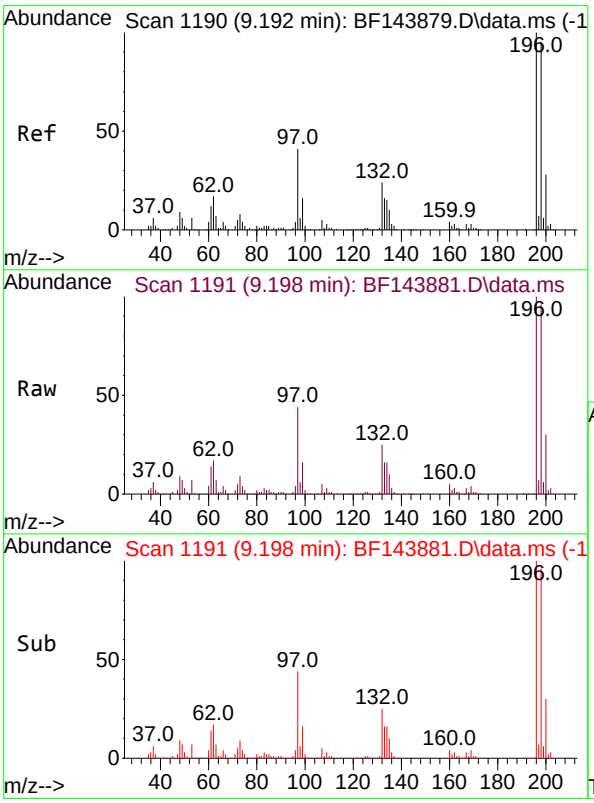
#43
2,4,6-Trichlorophenol
Concen: 58.657 ng
RT: 9.157 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:196 Resp: 338809

Ion	Ratio	Lower	Upper
196	100		
198	93.7	72.8	109.2
200	30.0	24.0	36.0

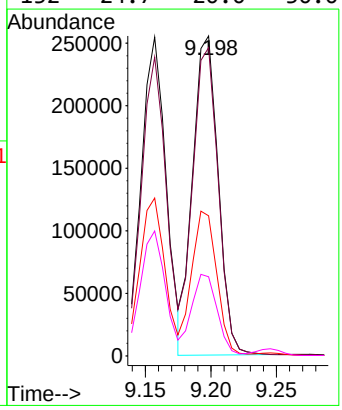


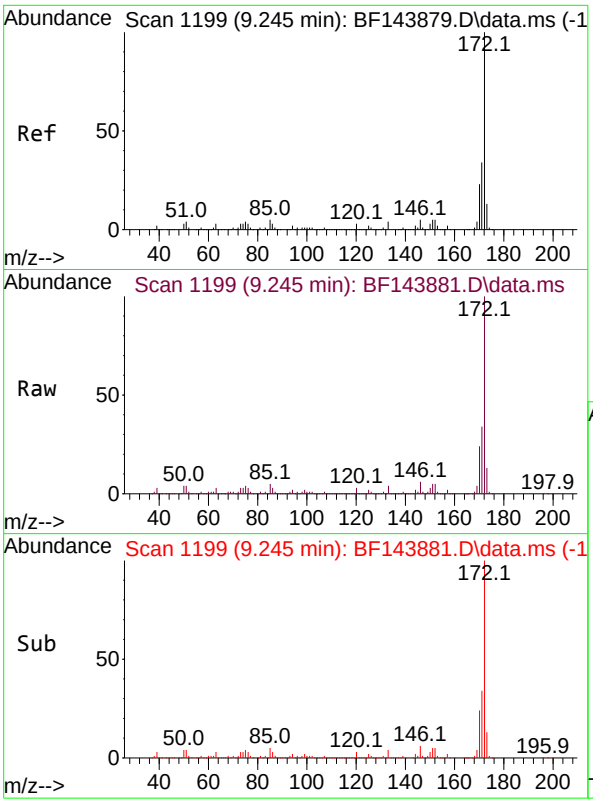


#44
2,4,5-Trichlorophenol
Concen: 56.620 ng
RT: 9.198 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:196 Resp: 345605

Ion	Ratio	Lower	Upper
196	100		
198	96.3	75.5	113.3
97	43.8	33.9	50.9
132	24.7	20.0	30.0



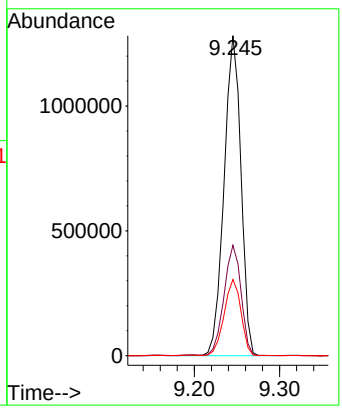


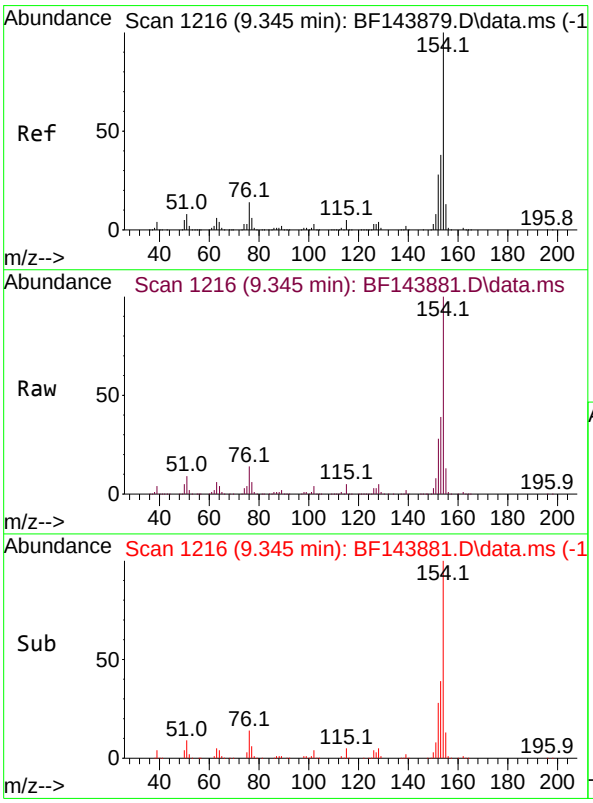
#45
2-Fluorobiphenyl
Concen: 97.871 ng
RT: 9.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:172 Resp: 1764203

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.4	41.0
170	23.8	18.6	28.0

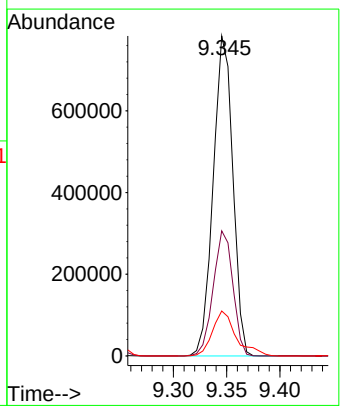


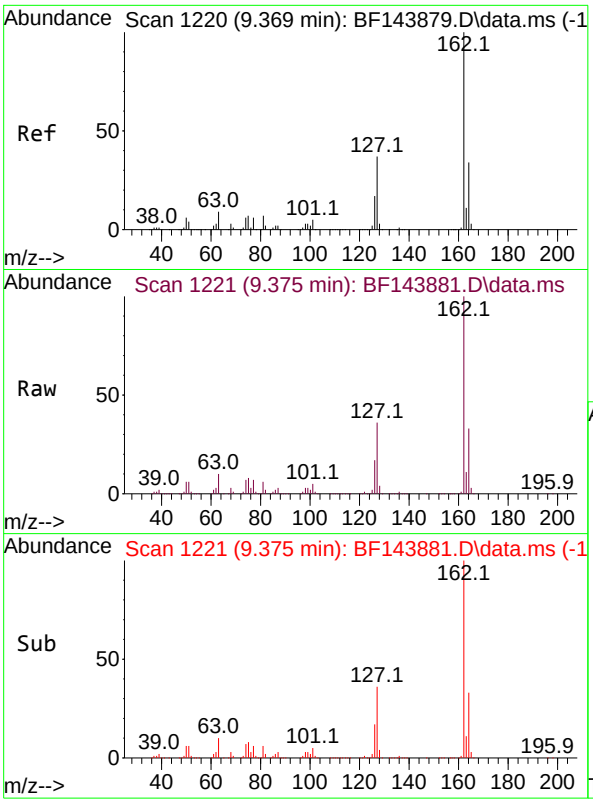


#46
1,1'-Biphenyl
Concen: 53.040 ng
RT: 9.345 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:154 Resp: 1004440

Ion	Ratio	Lower	Upper
154	100		
153	39.1	18.4	58.4
76	14.0	0.0	34.0



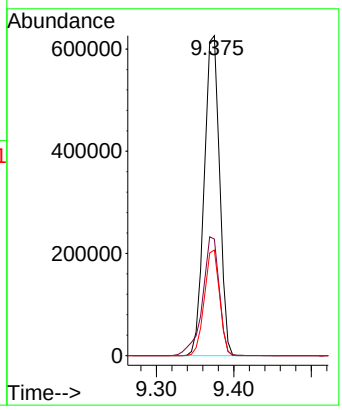


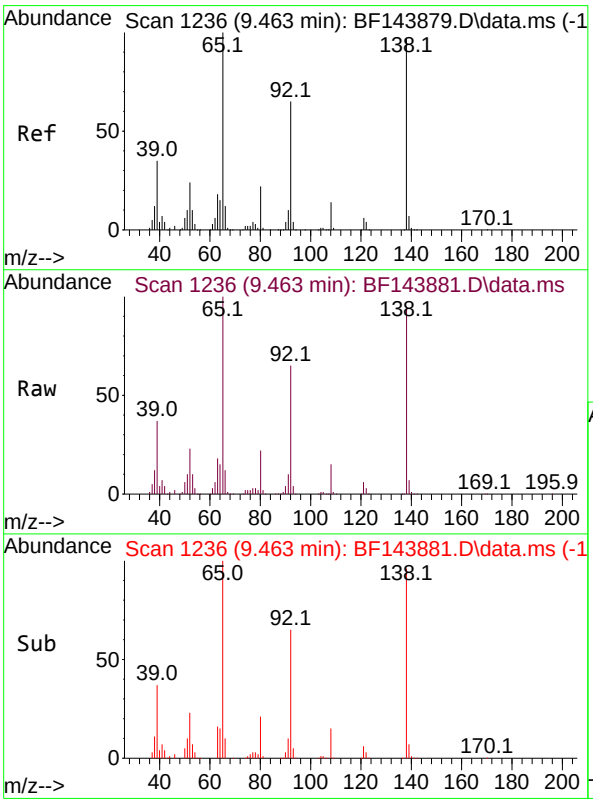
#47
2-Chloronaphthalene
Concen: 54.531 ng
RT: 9.375 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 860999

Ion	Ratio	Lower	Upper
162	100		
127	36.4	30.2	45.2
164	33.0	26.9	40.3

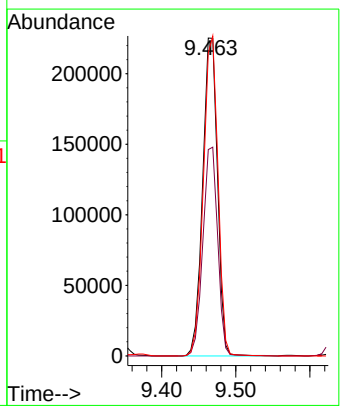


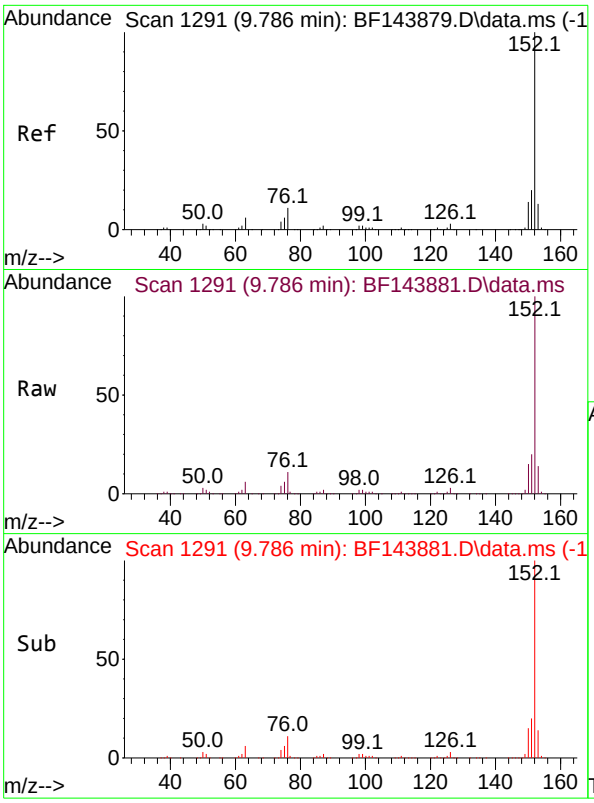


#48
2-Nitroaniline
Concen: 62.679 ng
RT: 9.463 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion: 65 Resp: 312884

Ion	Ratio	Lower	Upper
65	100		
92	64.9	52.1	78.1
138	95.3	77.4	116.2



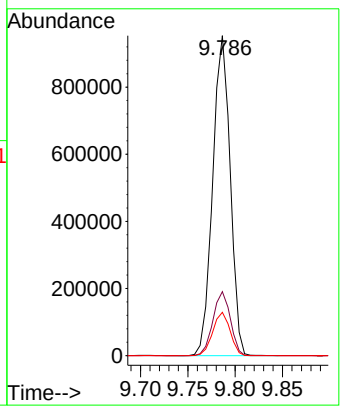


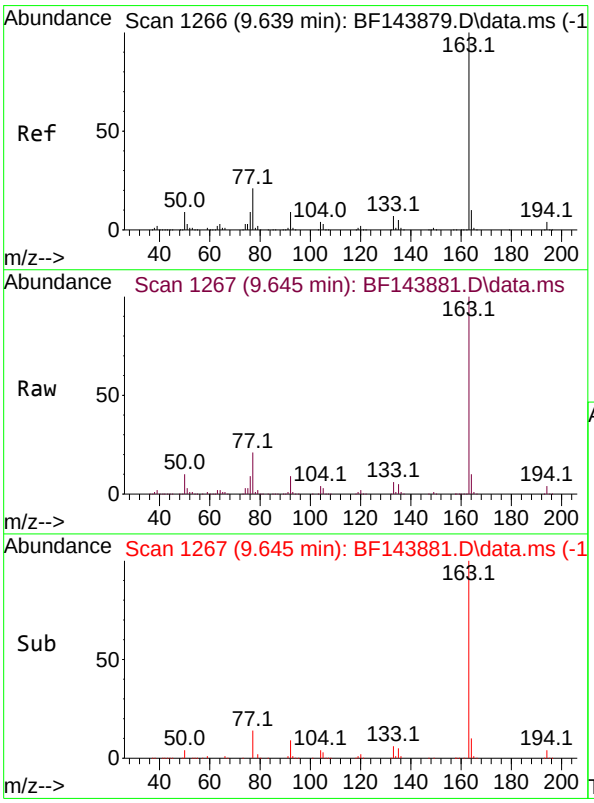
#49
Acenaphthylene
Concen: 55.140 ng
RT: 9.786 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 1223951

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.6
153	13.5	10.5	15.7

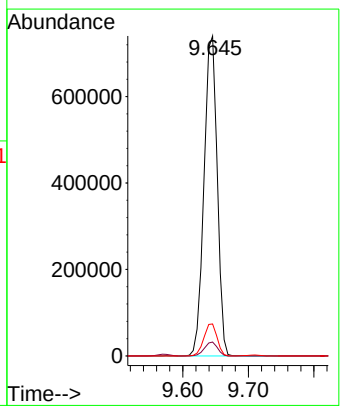


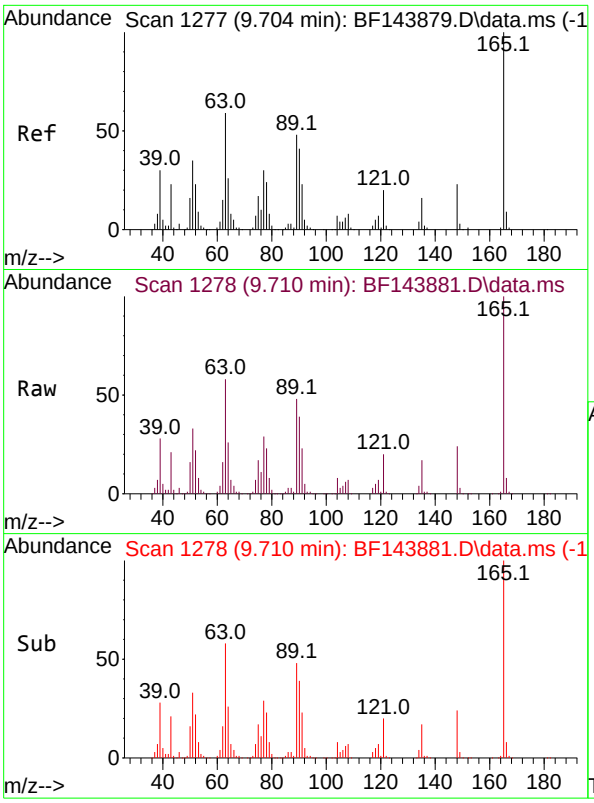


#50
Dimethylphthalate
Concen: 56.783 ng
RT: 9.645 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:163 Resp: 1031391

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	10.0	8.1	12.1



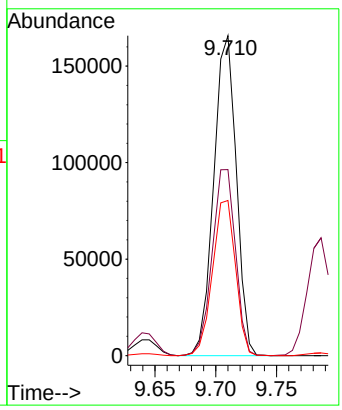


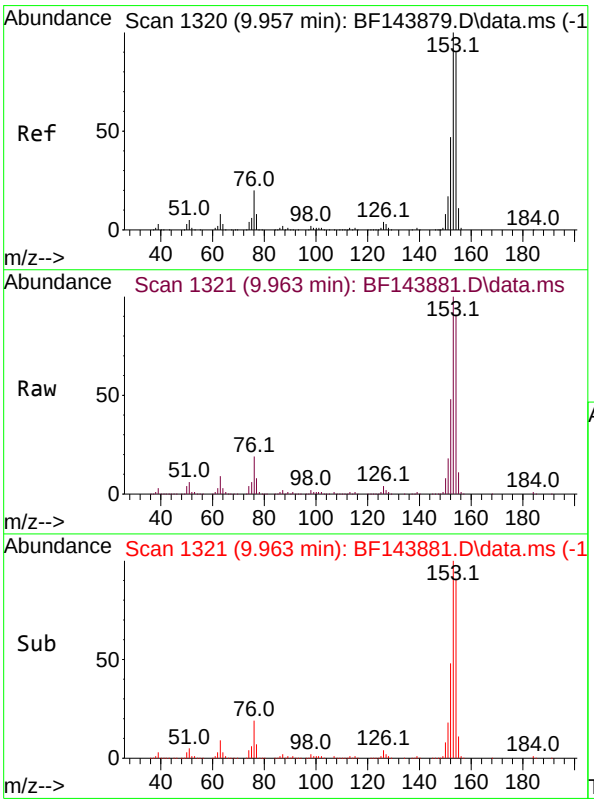
#51
2,6-Dinitrotoluene
Concen: 63.587 ng
RT: 9.710 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 214169

Ion	Ratio	Lower	Upper
165	100		
63	58.1	47.3	70.9
89	48.5	38.2	57.4

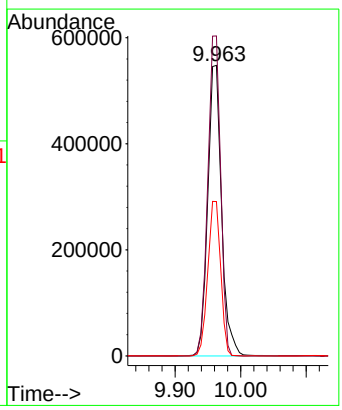


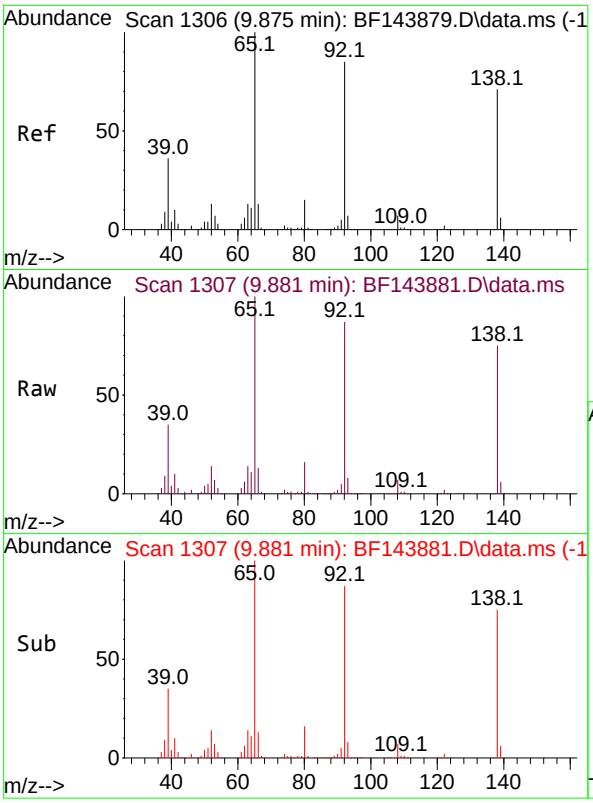


#52
Acenaphthene
Concen: 55.124 ng
RT: 9.963 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:154 Resp: 801773

Ion	Ratio	Lower	Upper
154	100		
153	110.2	89.3	133.9
152	53.1	42.2	63.2



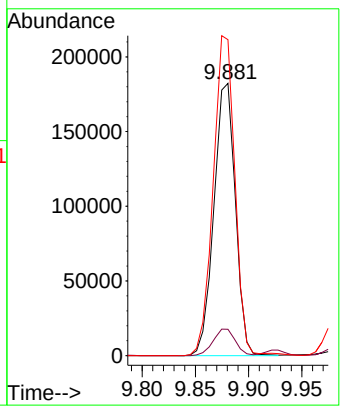


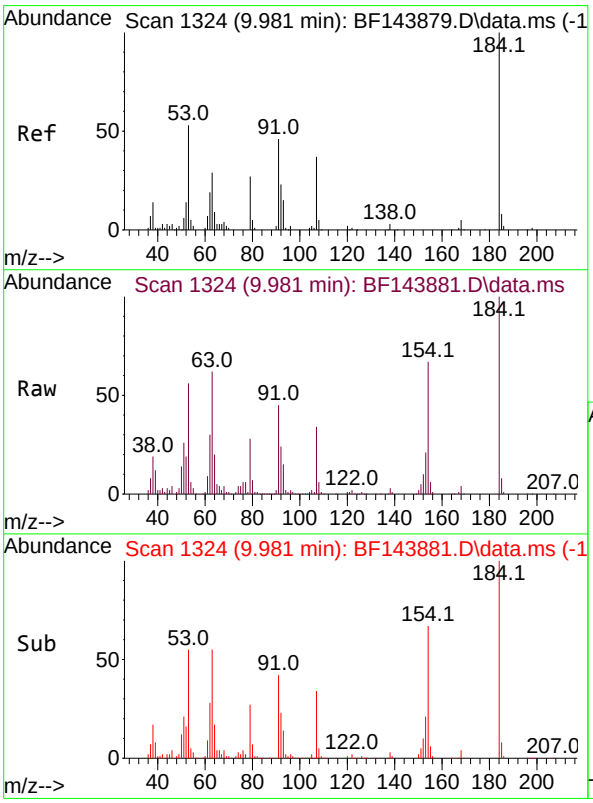
#53
3-Nitroaniline
Concen: 62.070 ng
RT: 9.881 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:138 Resp: 255984

Ion	Ratio	Lower	Upper
138	100		
108	9.7	8.3	12.5
92	116.1	96.2	144.2

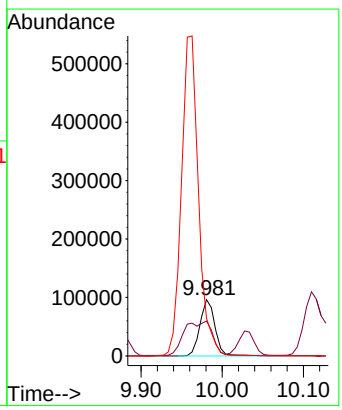


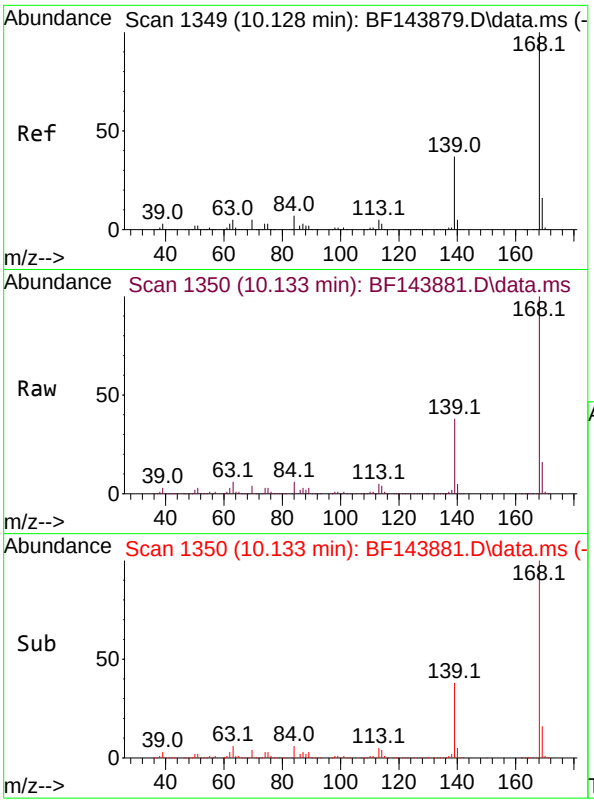


#54
2,4-Dinitrophenol
Concen: 61.138 ng
RT: 9.981 min Scan# 1324
Delta R.T. -0.005 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:184 Resp: 123295

Ion	Ratio	Lower	Upper
184	100		
63	61.8	48.2	72.4
154	66.8	49.2	73.8



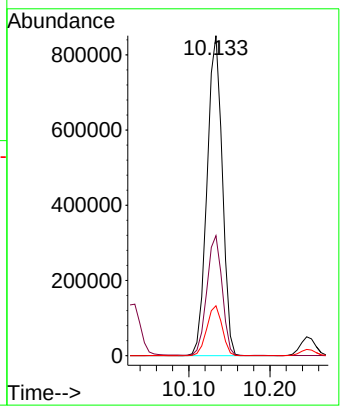


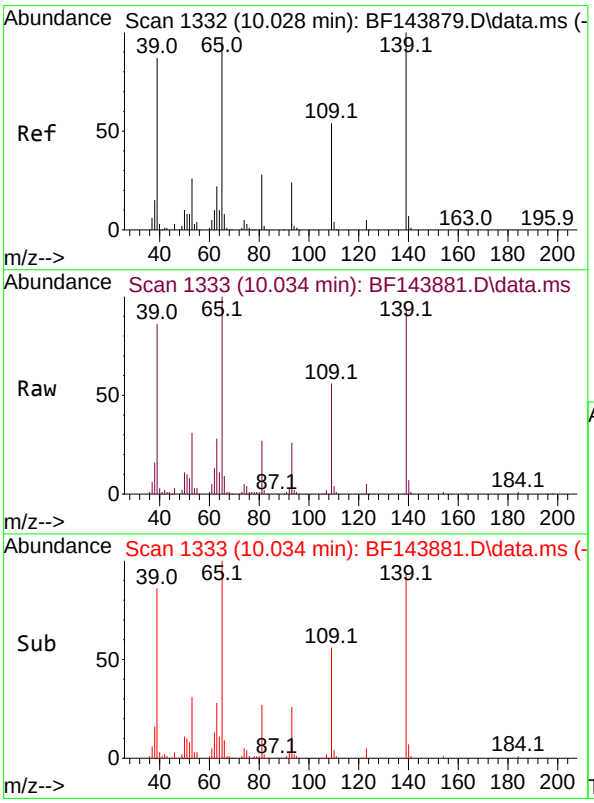
#55
Dibenzofuran
Concen: 54.120 ng
RT: 10.133 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:168 Resp: 1111183

Ion	Ratio	Lower	Upper
168	100		
139	37.5	29.8	44.8
169	15.6	12.8	19.2

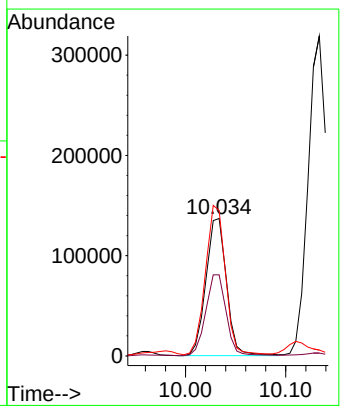


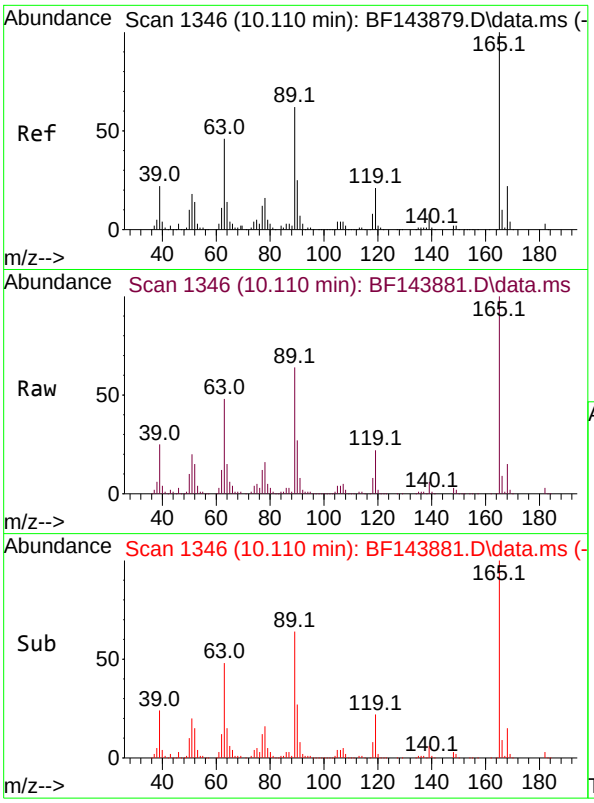


#56
4-Nitrophenol
Concen: 62.550 ng
RT: 10.034 min Scan# 1333
Delta R.T. -0.005 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:139 Resp: 195321

Ion	Ratio	Lower	Upper
139	100		
109	59.0	34.5	74.5
65	105.8	77.6	117.6



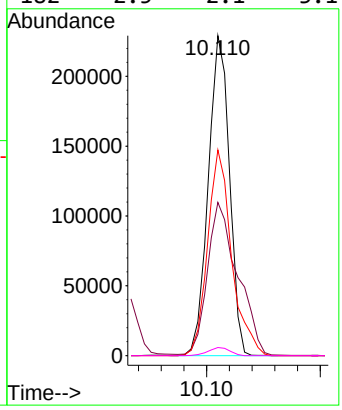


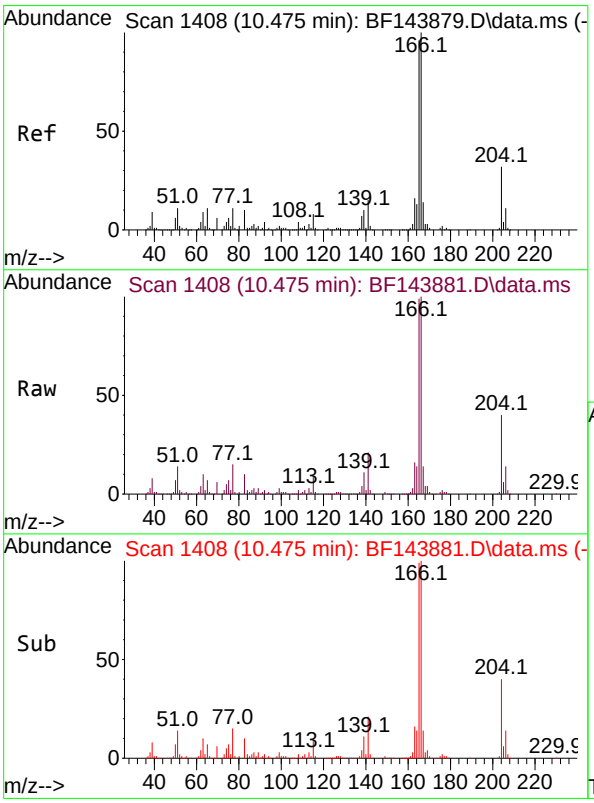
#57
2,4-Dinitrotoluene
Concen: 64.812 ng
RT: 10.110 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 297018

Ion	Ratio	Lower	Upper
165	100		
63	47.9	37.2	55.8
89	64.3	49.4	74.2
182	2.5	2.1	3.1

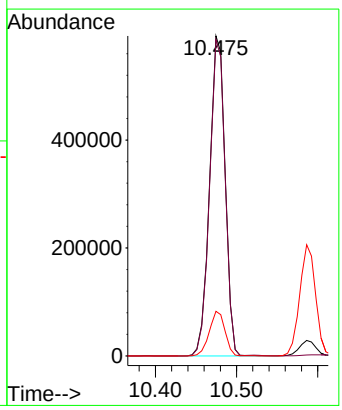


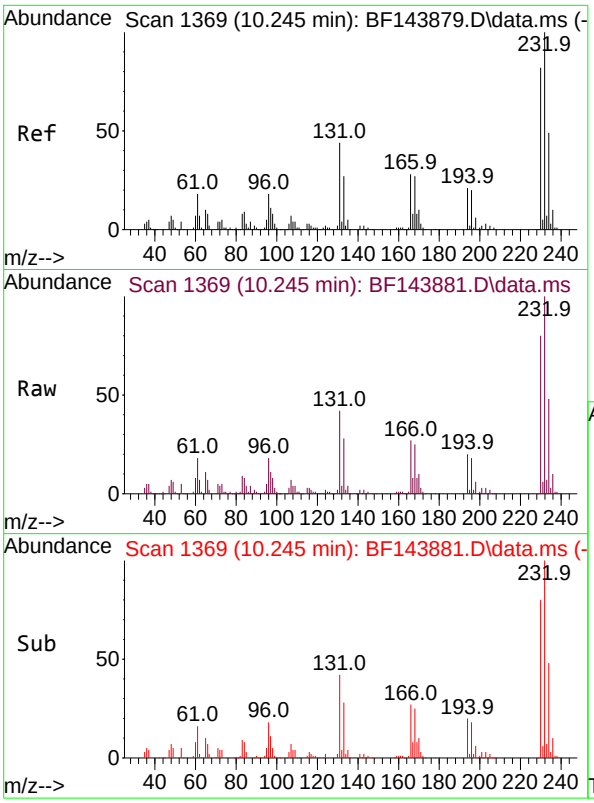


#58
Fluorene
Concen: 51.090 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:166 Resp: 791518

Ion	Ratio	Lower	Upper
166	100		
165	98.8	77.0	115.6
167	13.9	11.1	16.7



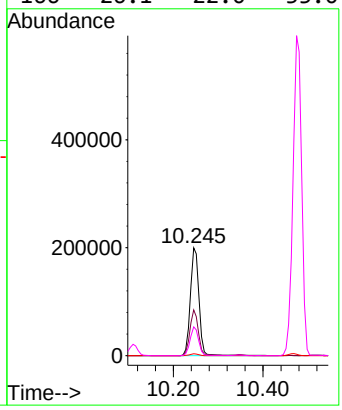


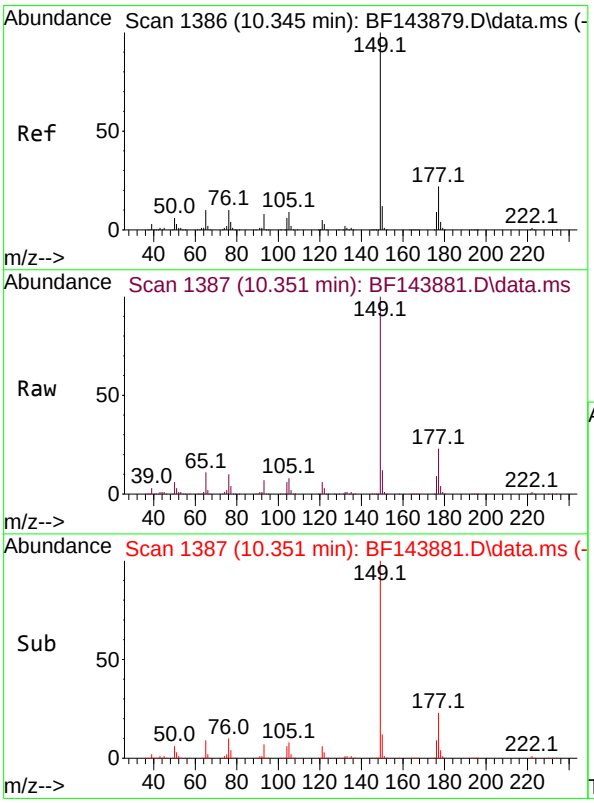
#59
2,3,4,6-Tetrachlorophenol
Concen: 61.283 ng
RT: 10.245 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:232 Resp: 264796

Ion	Ratio	Lower	Upper
232	100		
131	41.1	34.9	52.3
130	1.6	1.6	2.4#
166	26.1	22.0	33.0

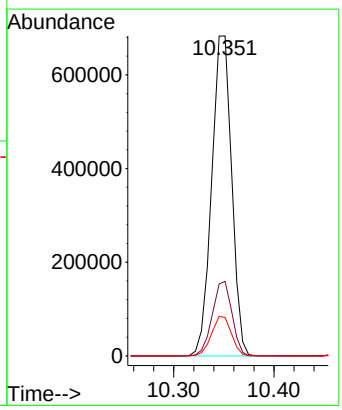


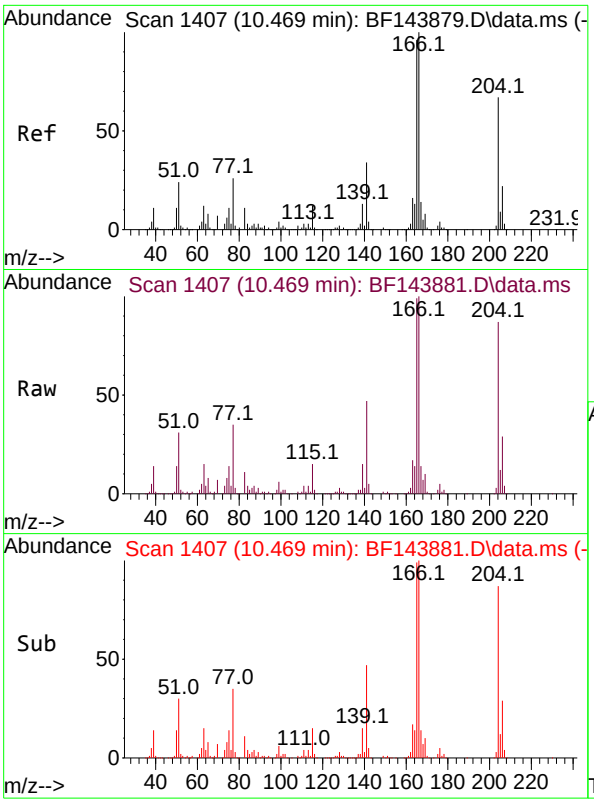


#60
Diethylphthalate
Concen: 56.214 ng
RT: 10.351 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:149 Resp: 948580

Ion	Ratio	Lower	Upper
149	100		
177	23.3	17.9	26.9
150	12.0	9.8	14.8



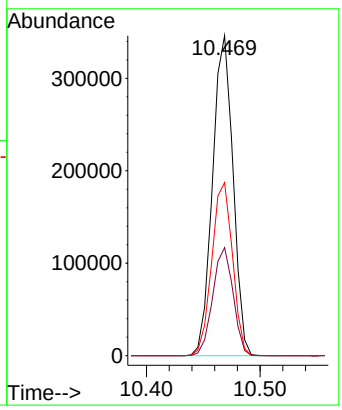


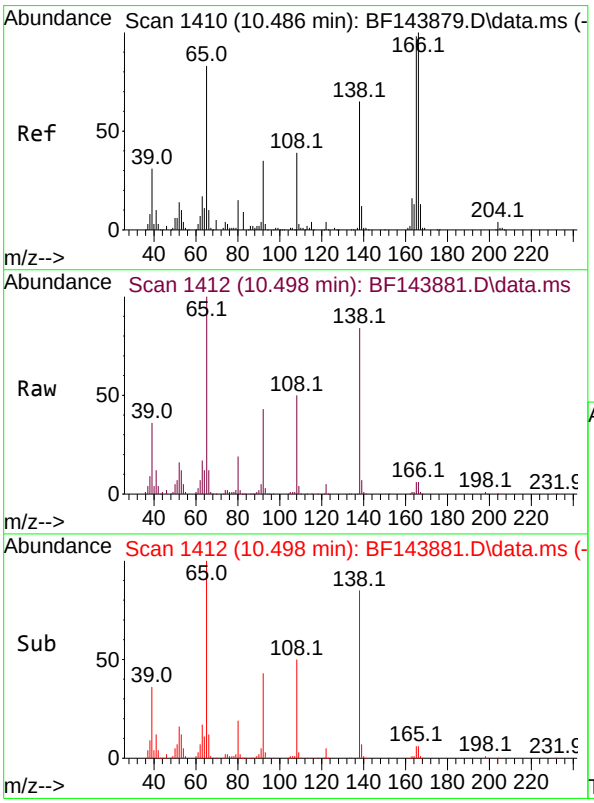
#61
4-Chlorophenyl-phenylether
Concen: 52.905 ng
RT: 10.469 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:204 Resp: 433339

Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.6	40.0
141	54.1	40.4	60.6

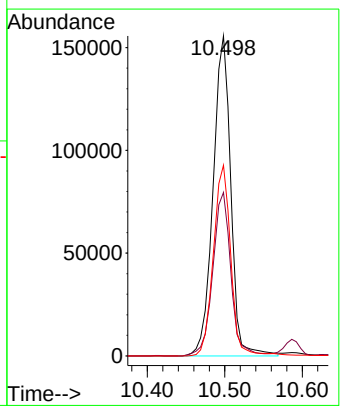


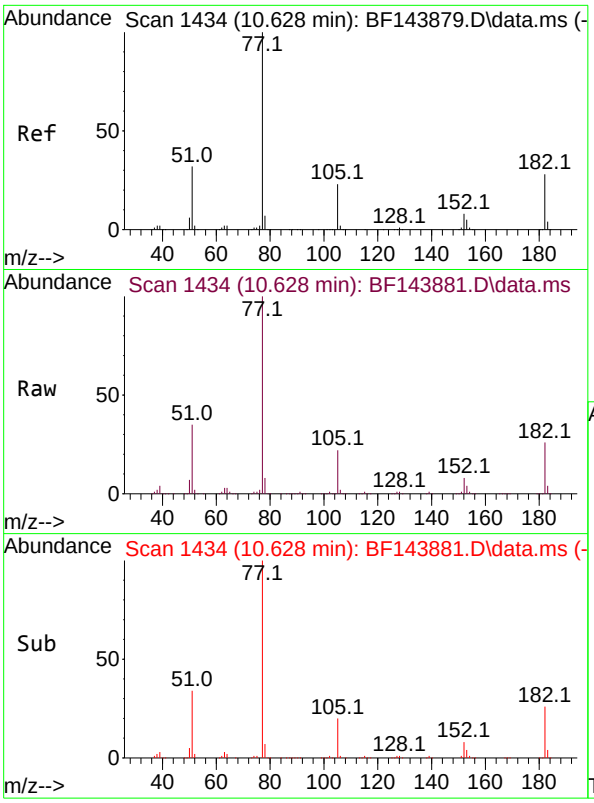


#62
4-Nitroaniline
Concen: 62.288 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:138 Resp: 247024

Ion	Ratio	Lower	Upper
138	100		
92	51.1	33.9	73.9
108	59.6	40.2	80.2



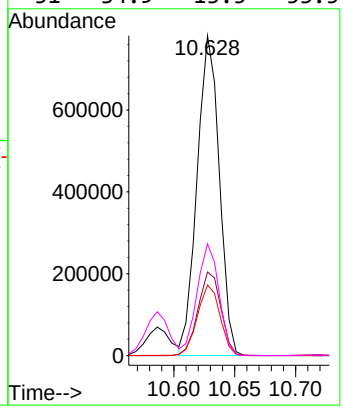


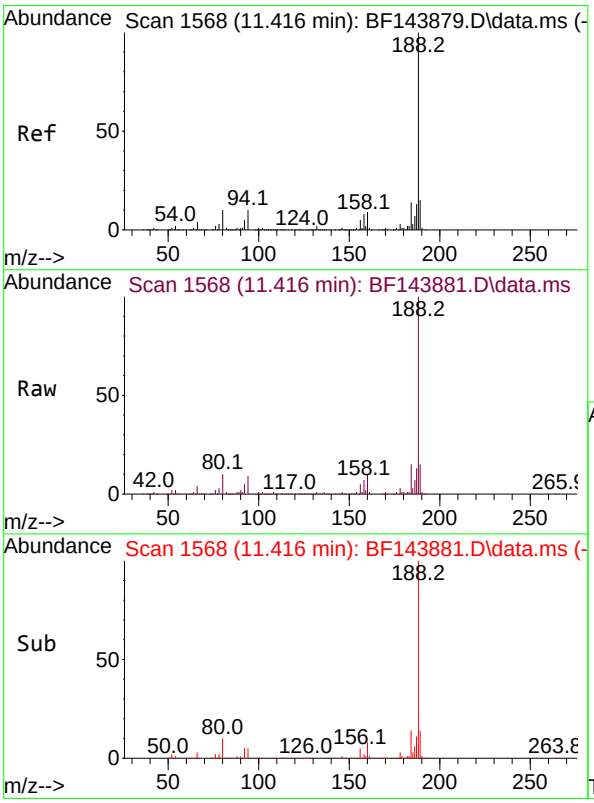
#63
Azobenzene
Concen: 56.252 ng
RT: 10.628 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 992054

Ion	Ratio	Lower	Upper
77	100		
182	26.1	7.3	47.3
105	22.1	3.0	43.0
51	34.9	13.5	53.5

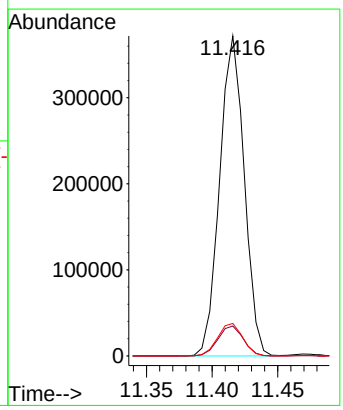


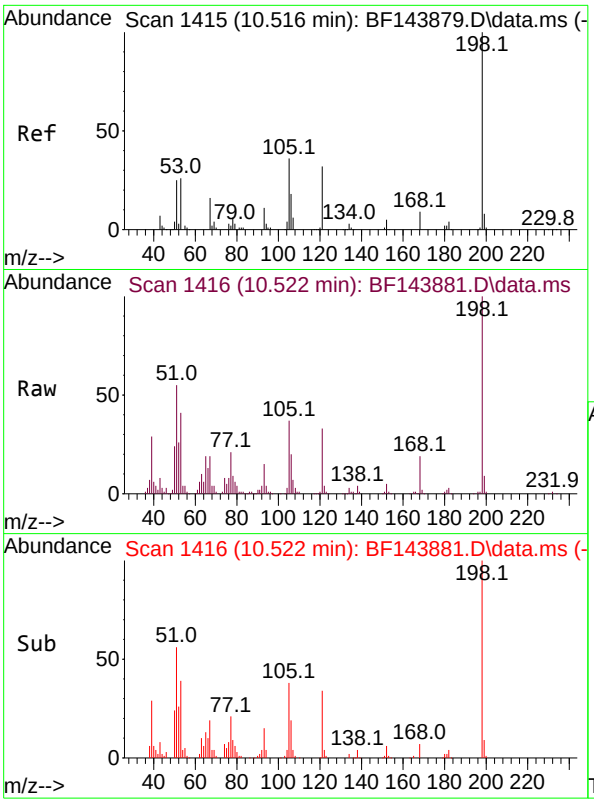


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:188 Resp: 485489

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.8	11.6
80	10.1	7.9	11.9



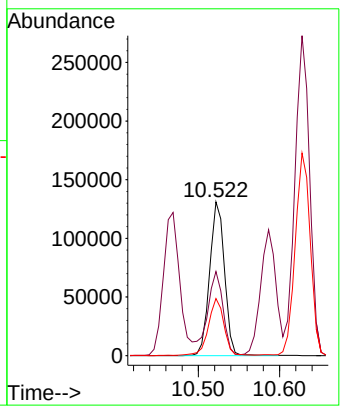


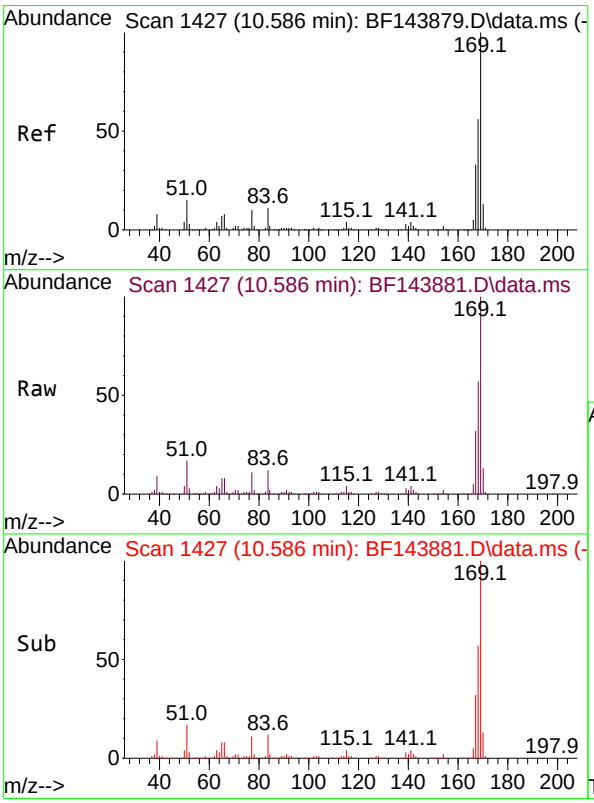
#65
4,6-Dinitro-2-methylphenol
Concen: 68.344 ng
RT: 10.522 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:198 Resp: 166740

Ion	Ratio	Lower	Upper
198	100		
51	54.7	33.8	73.8
105	37.2	17.0	57.0

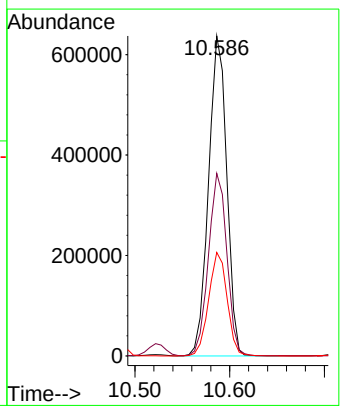


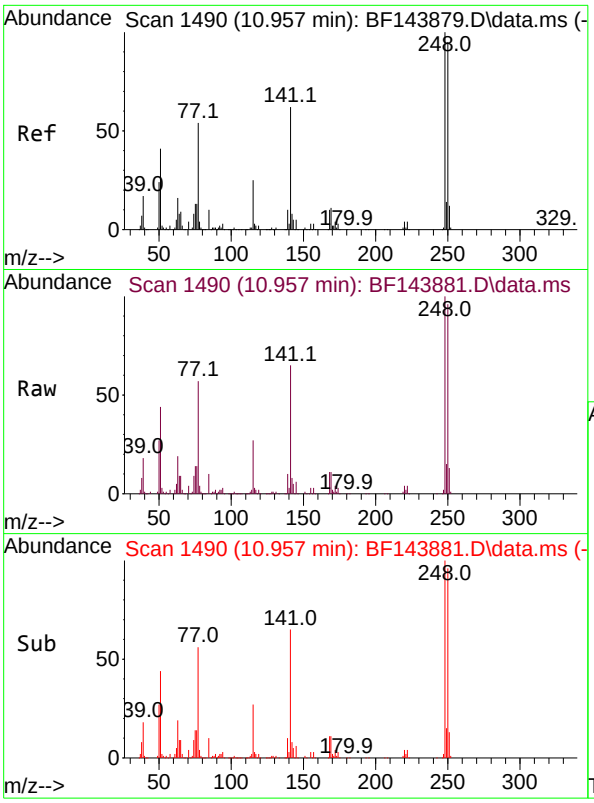


#66
n-Nitrosodiphenylamine
Concen: 55.797 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:169 Resp: 850570

Ion	Ratio	Lower	Upper
169	100		
168	57.0	44.9	67.3
167	32.3	26.3	39.5



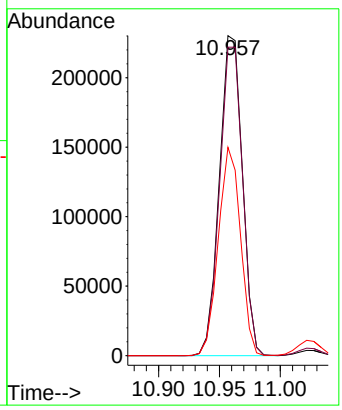


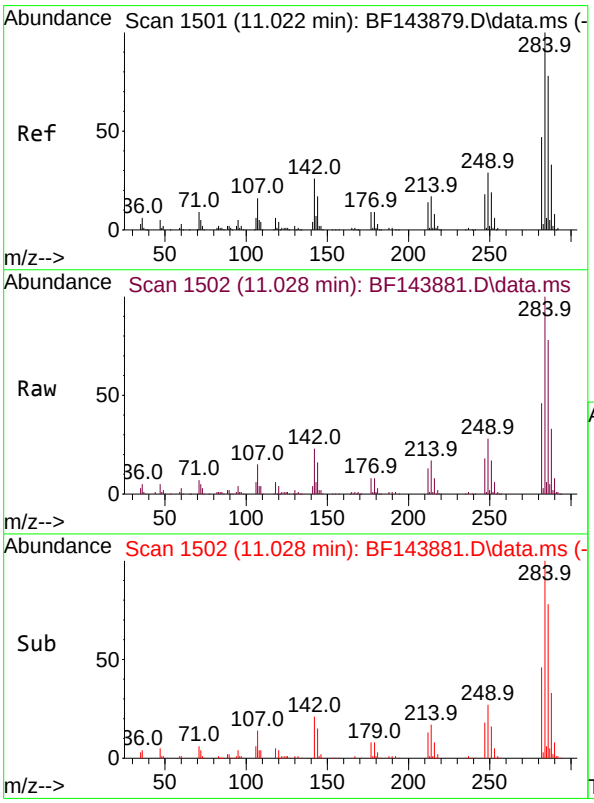
#67
4-Bromophenyl-phenylether
Concen: 56.317 ng
RT: 10.957 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:248 Resp: 302165

Ion	Ratio	Lower	Upper
248	100		
250	96.4	76.3	114.5
141	65.1	49.7	74.5

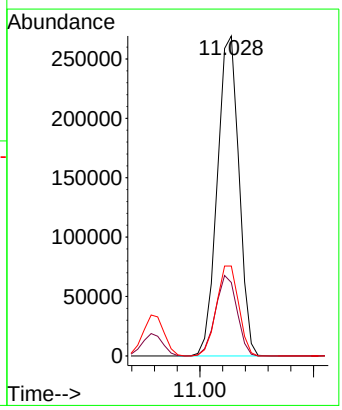


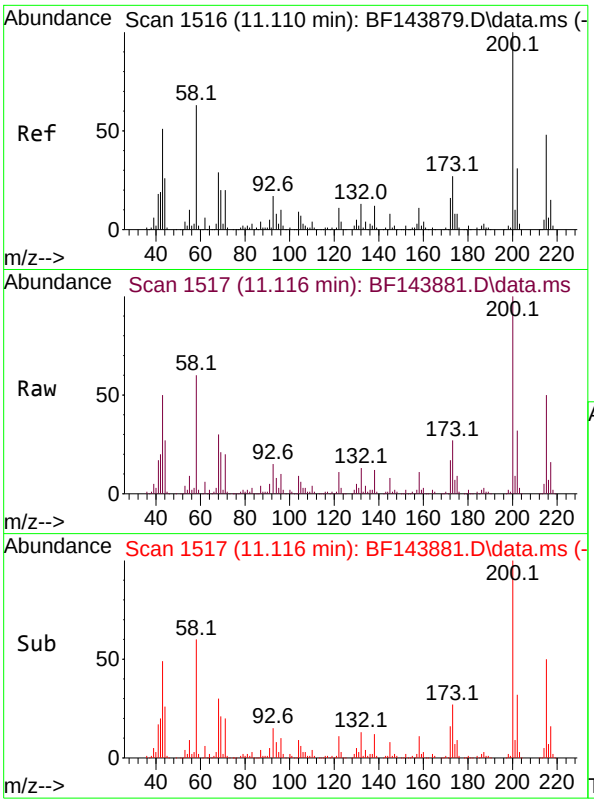


#68
Hexachlorobenzene
Concen: 57.378 ng
RT: 11.028 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:284 Resp: 356406

Ion	Ratio	Lower	Upper
284	100		
142	22.9	20.6	30.8
249	28.1	23.2	34.8



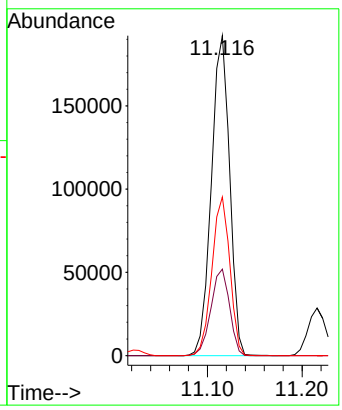


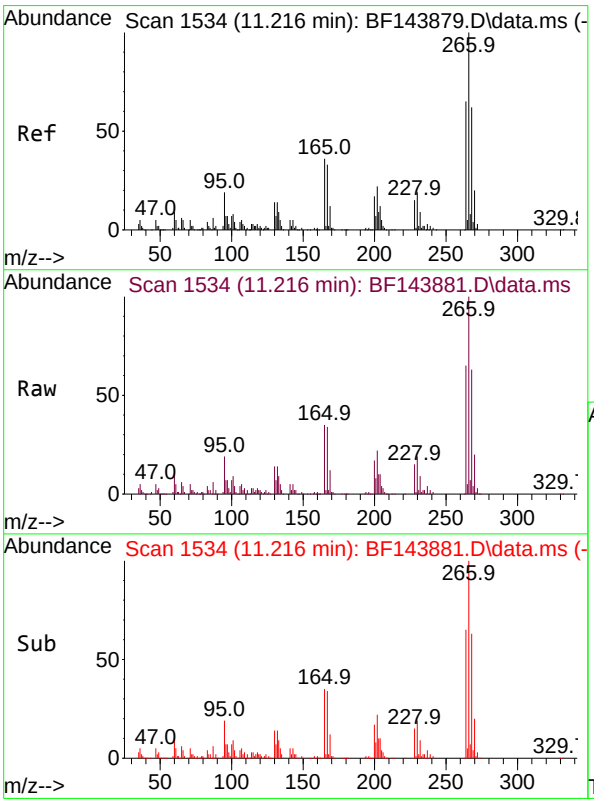
#69
Atrazine
Concen: 55.713 ng
RT: 11.116 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:200 Resp: 257412

Ion	Ratio	Lower	Upper
200	100		
173	27.0	7.0	47.0
215	49.6	27.8	67.8

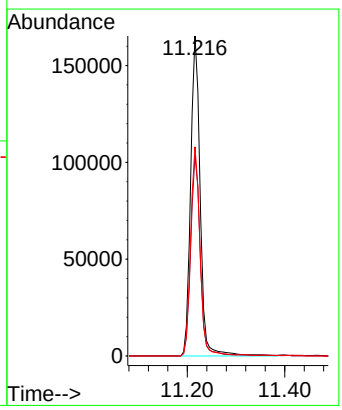


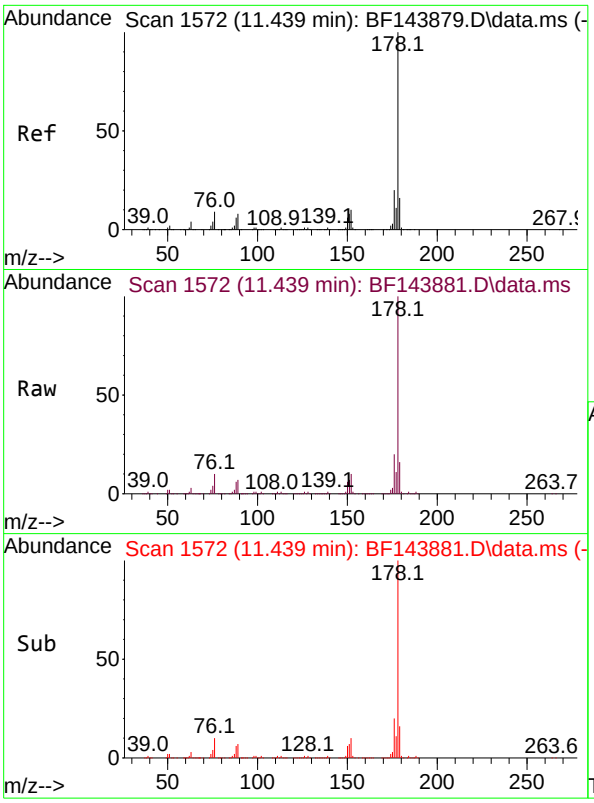


#70
Pentachlorophenol
Concen: 62.792 ng
RT: 11.216 min Scan# 1534
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:266 Resp: 224011

Ion	Ratio	Lower	Upper
266	100		
268	62.7	49.4	74.0
264	65.3	51.8	77.6



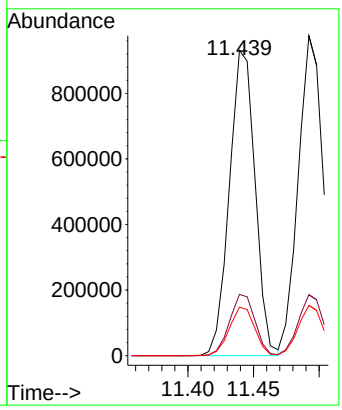


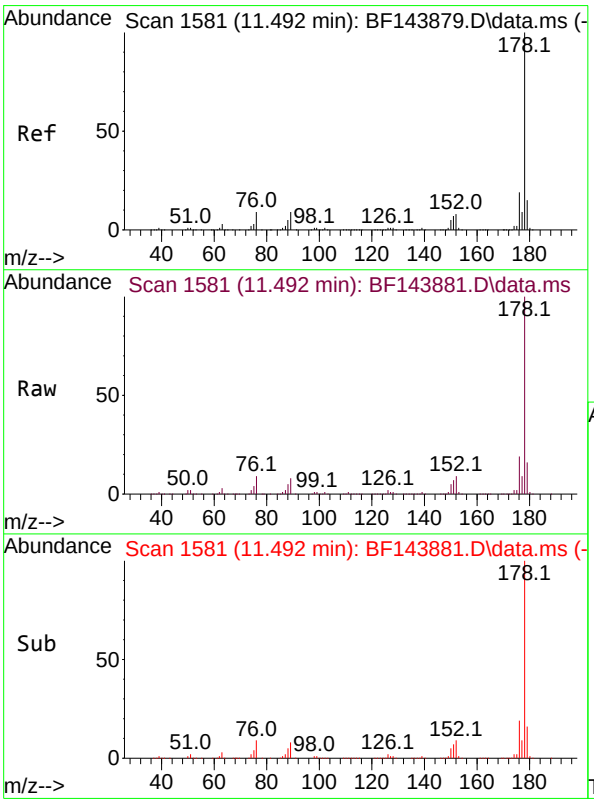
#71
Phenanthrene
Concen: 53.961 ng
RT: 11.439 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:178 Resp: 1270063

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.9	23.9
179	15.9	12.4	18.6

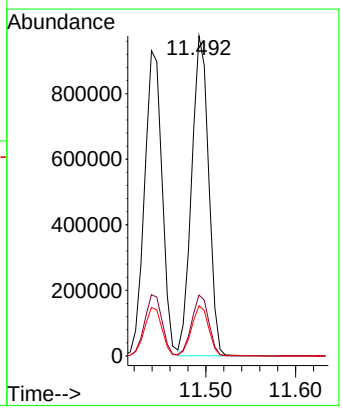


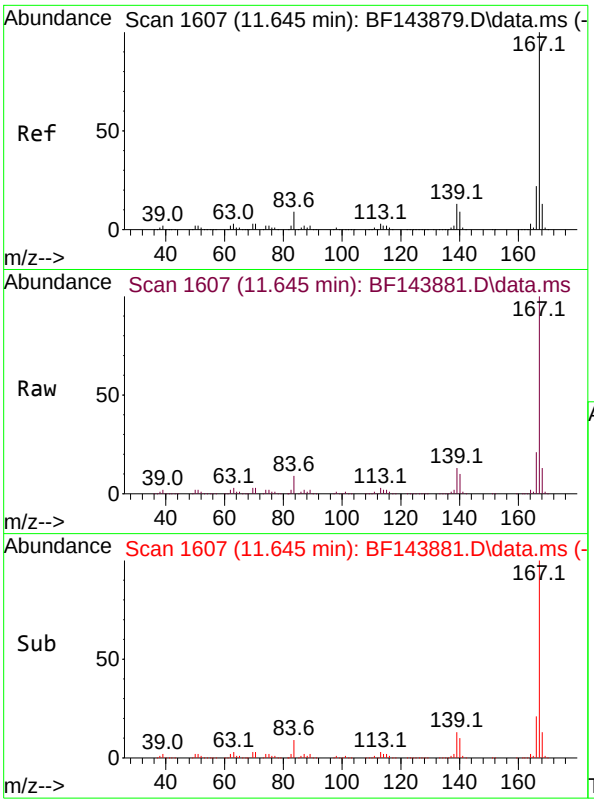


#72
Anthracene
Concen: 53.956 ng
RT: 11.492 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:178 Resp: 1282940

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.9	22.3
179	15.7	12.2	18.2



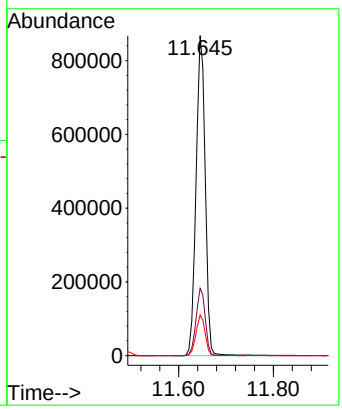


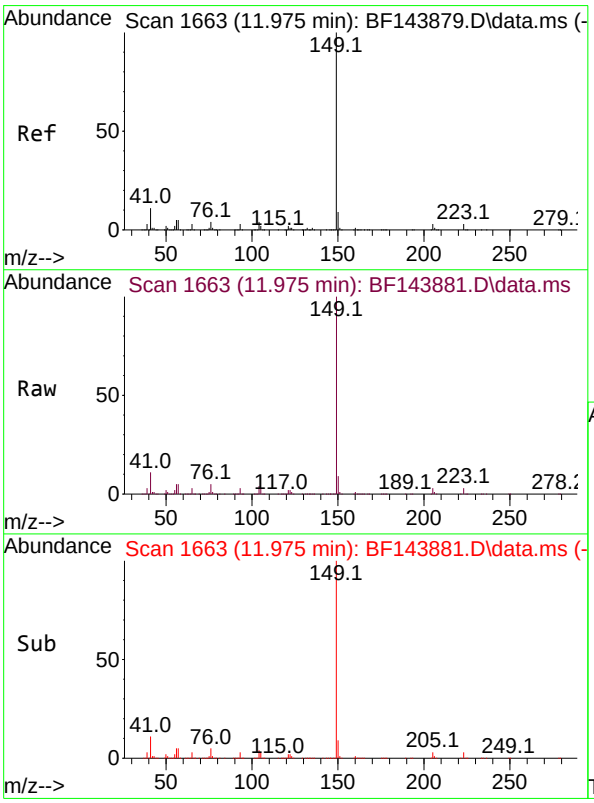
#73
Carbazole
Concen: 55.592 ng
RT: 11.645 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:167 Resp: 1170717

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.2	25.8
139	12.6	10.1	15.1

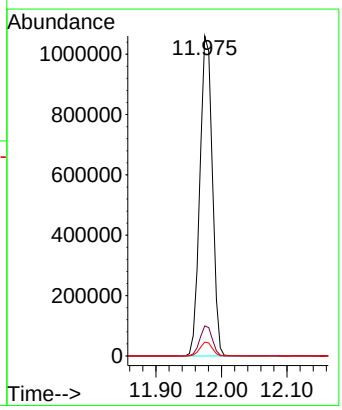


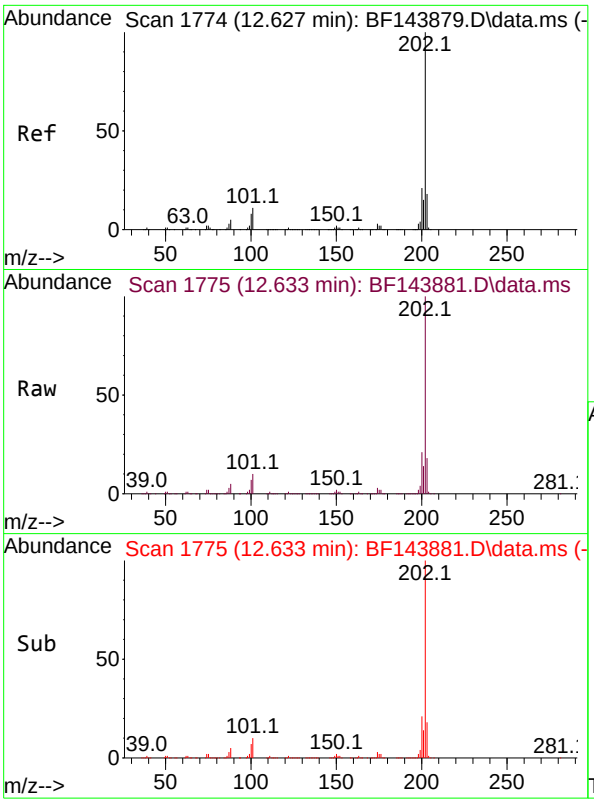


#74
Di-n-butylphthalate
Concen: 56.934 ng
RT: 11.975 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:149 Resp: 1389569

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	4.3	3.4	5.2



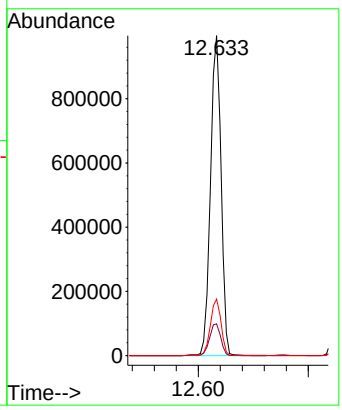


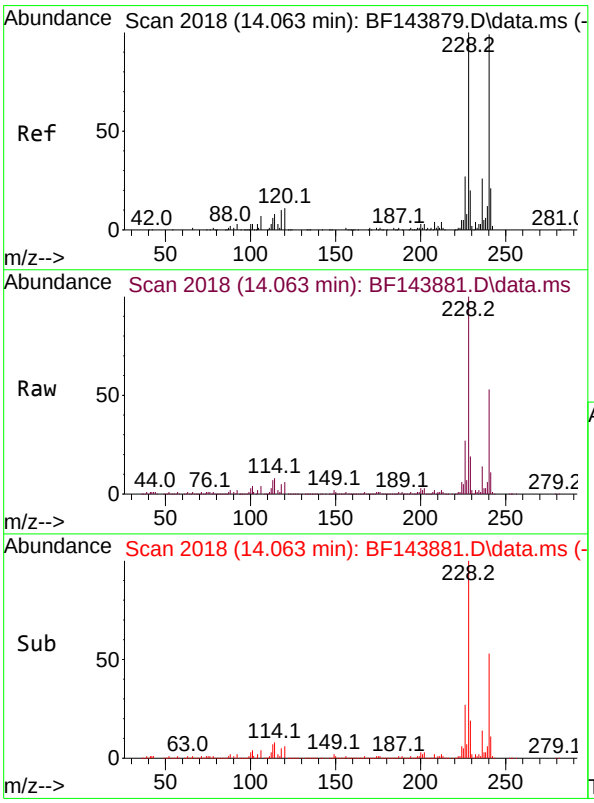
#75
Fluoranthene
Concen: 54.530 ng
RT: 12.633 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:202 Resp: 1325716

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	30.7
203	17.7	0.0	37.8

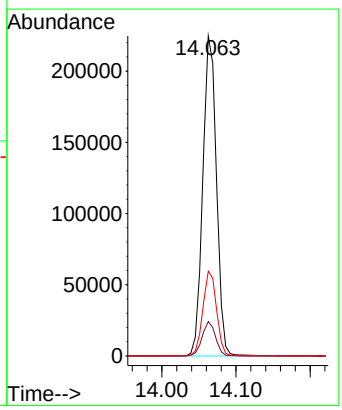


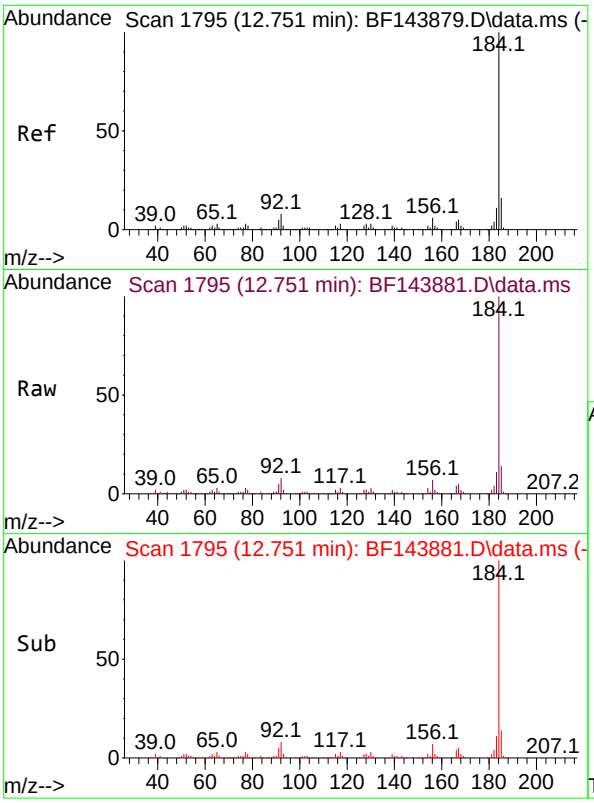


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.005 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:240 Resp: 287097

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.6	13.0
236	26.5	21.1	31.7



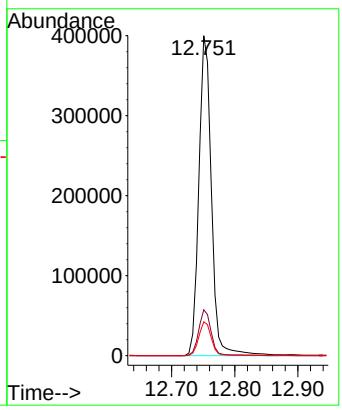


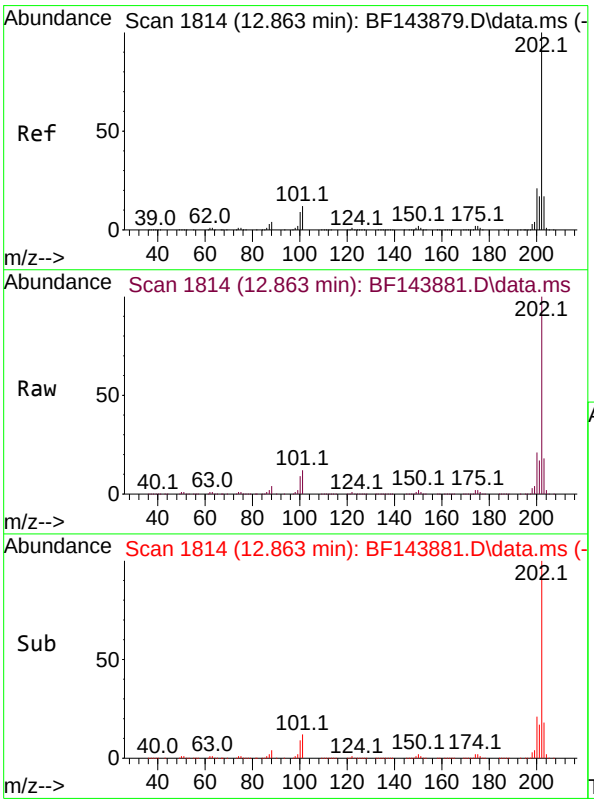
#77
Benzidine
Concen: 55.312 ng
RT: 12.751 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:184 Resp: 551394

Ion	Ratio	Lower	Upper
184	100		
185	14.3	12.6	18.8
183	10.6	8.8	13.2

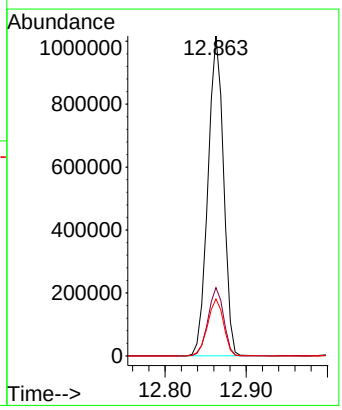


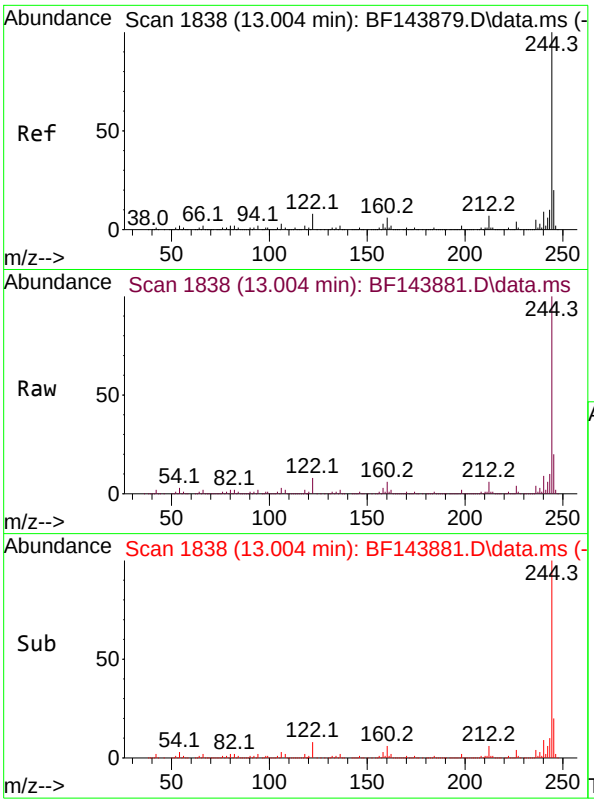


#78
Pyrene
Concen: 56.800 ng
RT: 12.863 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:202 Resp: 1359513

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.6
203	17.8	13.8	20.6



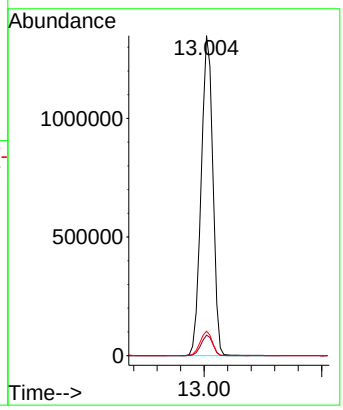


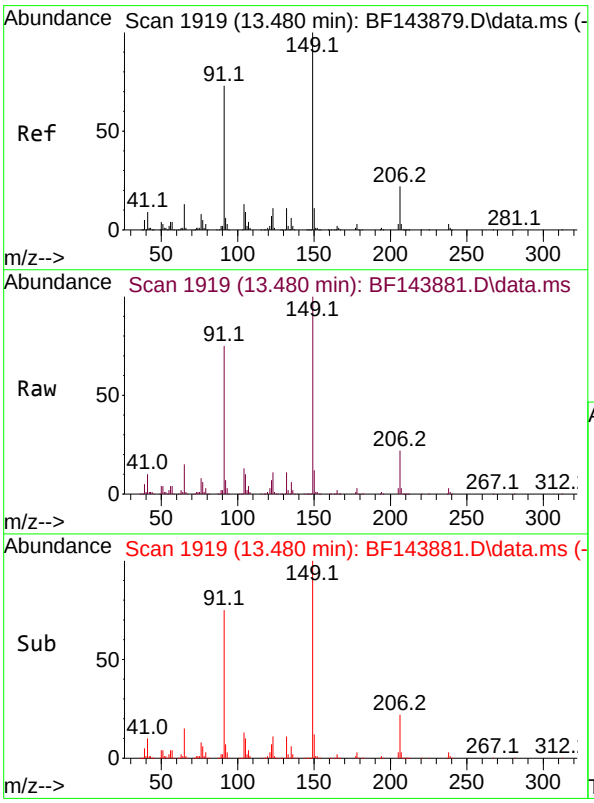
#79
Terphenyl-d14
Concen: 110.799 ng
RT: 13.004 min Scan# 18
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:244 Resp: 1861234

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	7.6	6.4	9.6

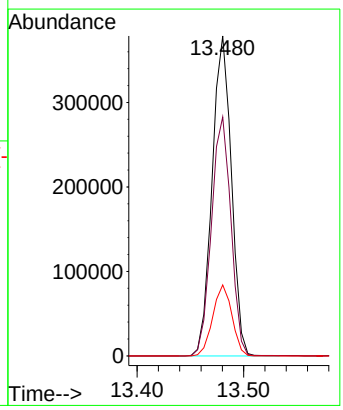


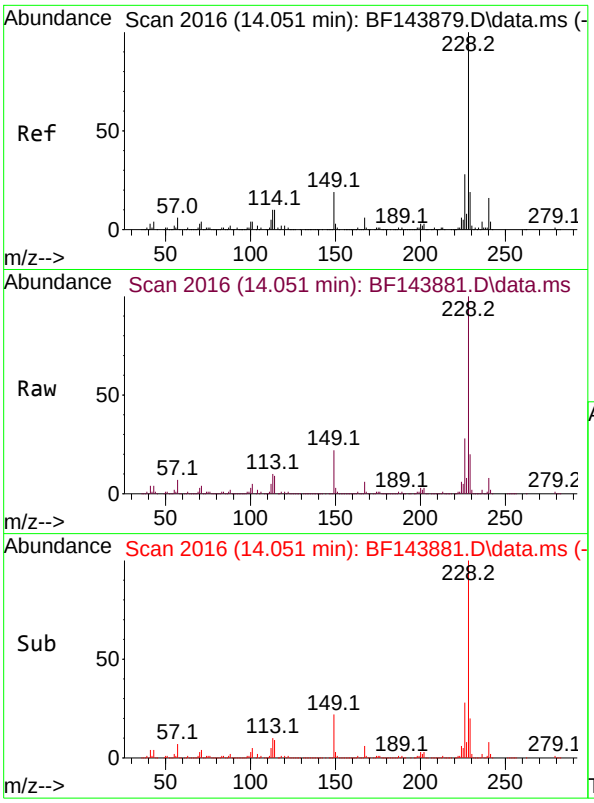


#80
Butylbenzylphthalate
Concen: 61.293 ng
RT: 13.480 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:149 Resp: 476448

Ion	Ratio	Lower	Upper
149	100		
91	74.7	58.2	87.2
206	22.2	17.9	26.9



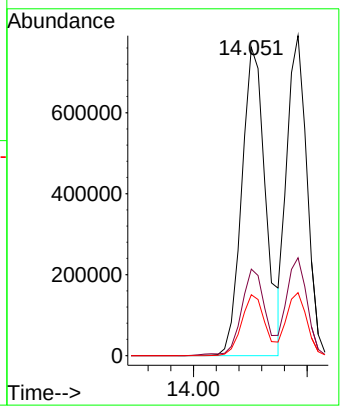


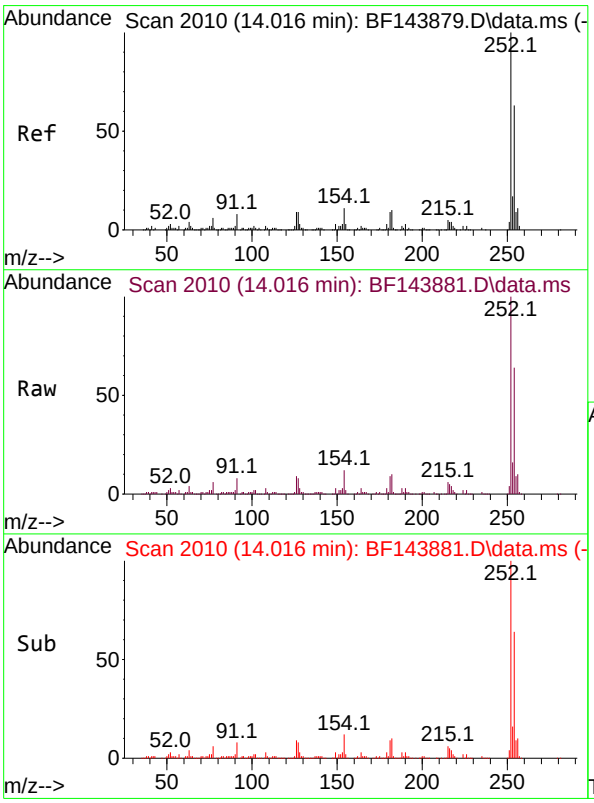
#81
Benzo(a)anthracene
Concen: 59.168 ng
RT: 14.051 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 1111626

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.2	33.2
229	19.8	15.6	23.4

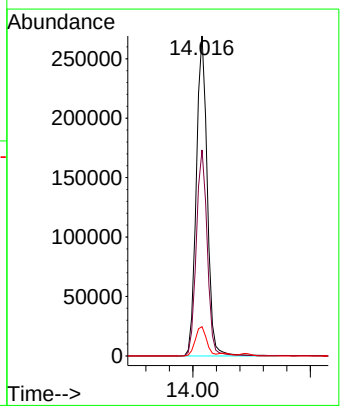


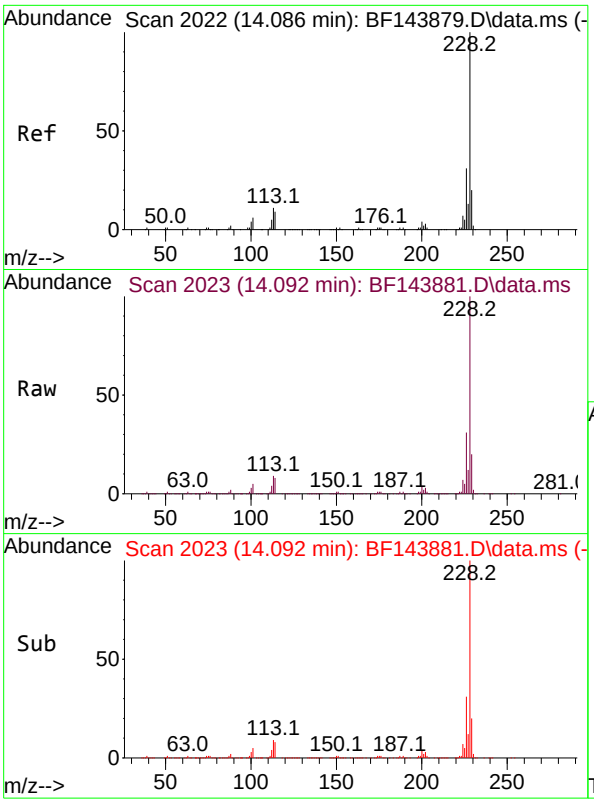


#82
3,3'-Dichlorobenzidine
Concen: 60.756 ng
RT: 14.016 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:252 Resp: 347863

Ion	Ratio	Lower	Upper
252	100		
254	64.4	50.6	76.0
126	9.1	7.0	10.6



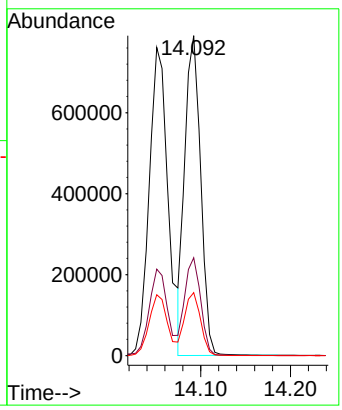


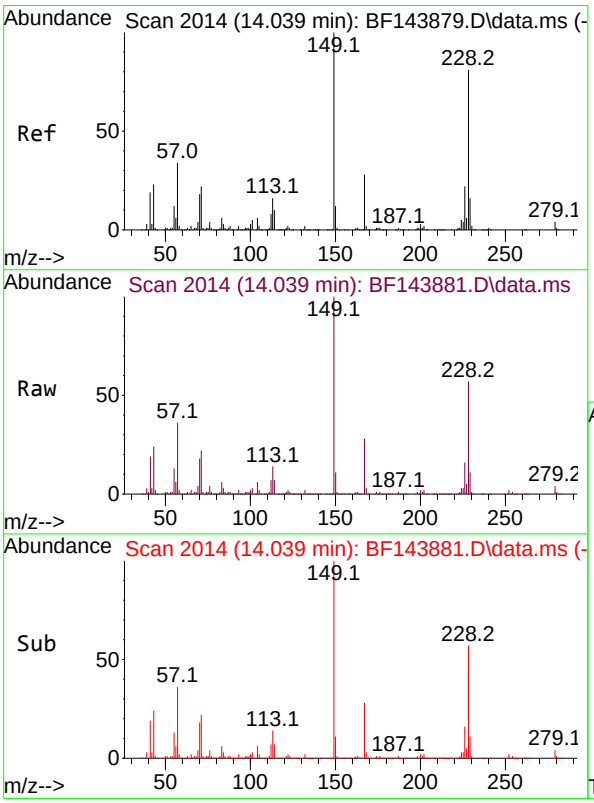
#83
Chrysene
Concen: 55.770 ng
RT: 14.092 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 969765

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.4	36.6
229	19.7	15.9	23.9

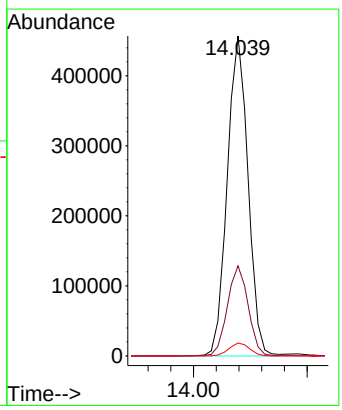


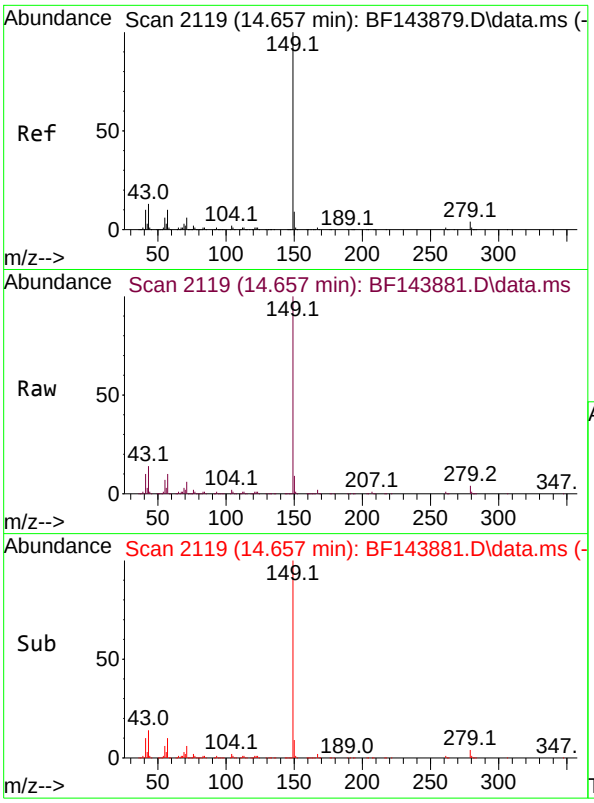


#84
Bis(2-ethylhexyl)phthalate
Concen: 61.804 ng
RT: 14.039 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:149 Resp: 579121

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.2	33.4
279	4.0	3.1	4.7



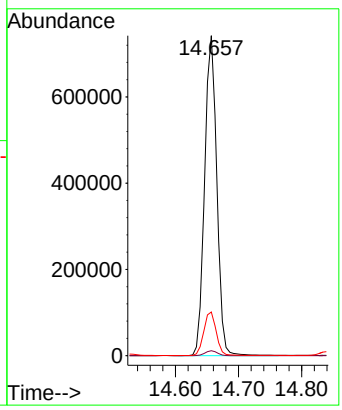


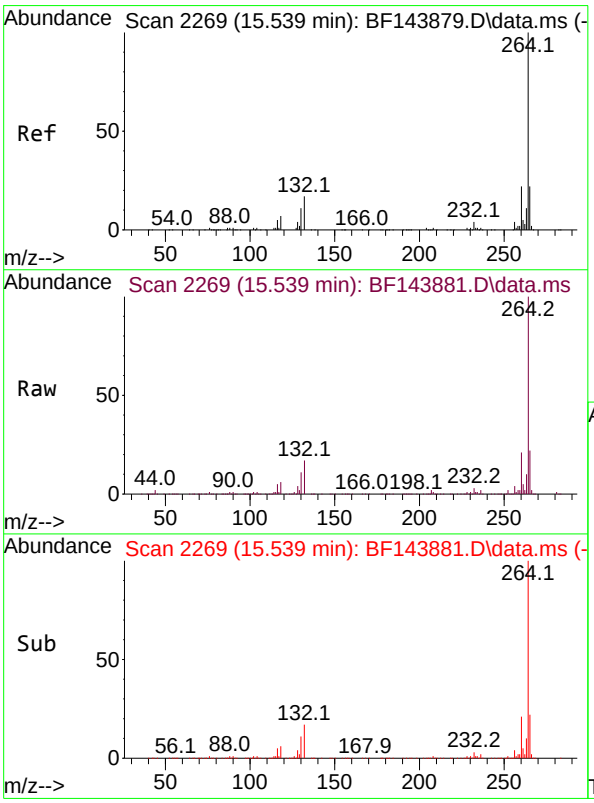
#85
Di-n-octyl phthalate
Concen: 64.431 ng
RT: 14.657 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:149 Resp: 991597

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	14.0	11.0	16.4

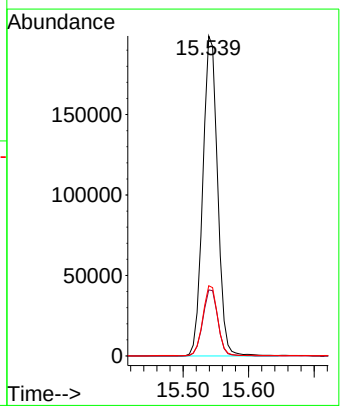


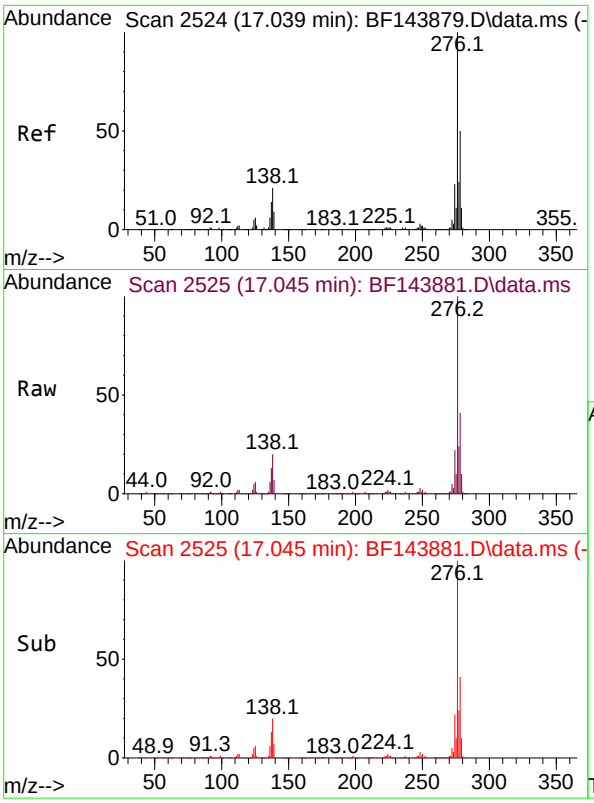


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:264 Resp: 309882

Ion	Ratio	Lower	Upper
264	100		
260	20.6	17.8	26.8
265	21.9	17.5	26.3



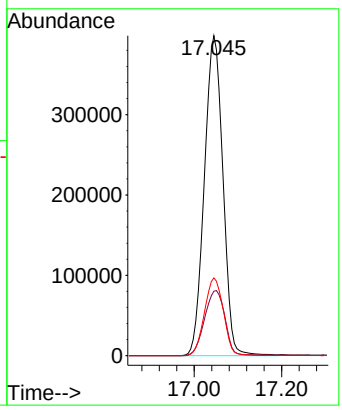


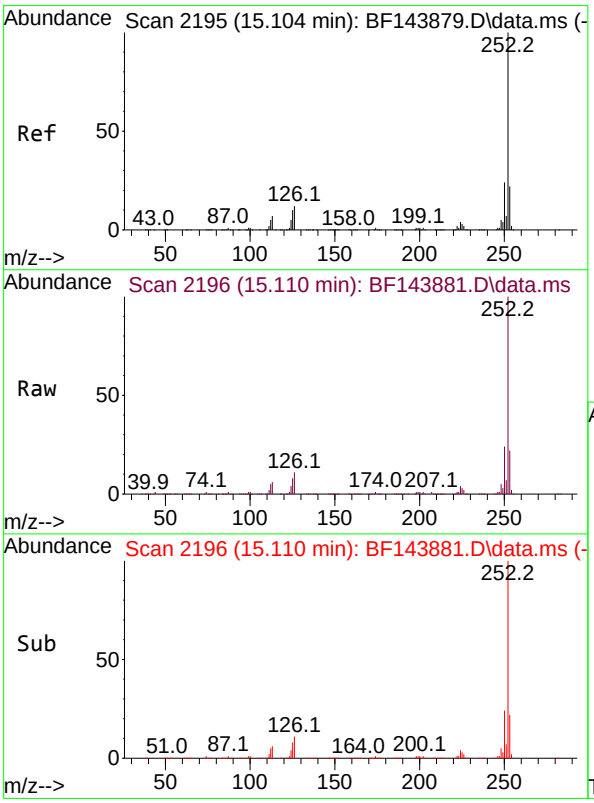
#87
Indeno(1,2,3-cd)pyrene
Concen: 61.815 ng
RT: 17.045 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:276 Resp: 1173726

Ion	Ratio	Lower	Upper
276	100		
138	22.3	18.2	27.2
277	24.7	19.8	29.6

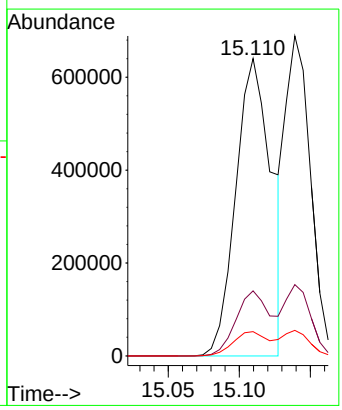


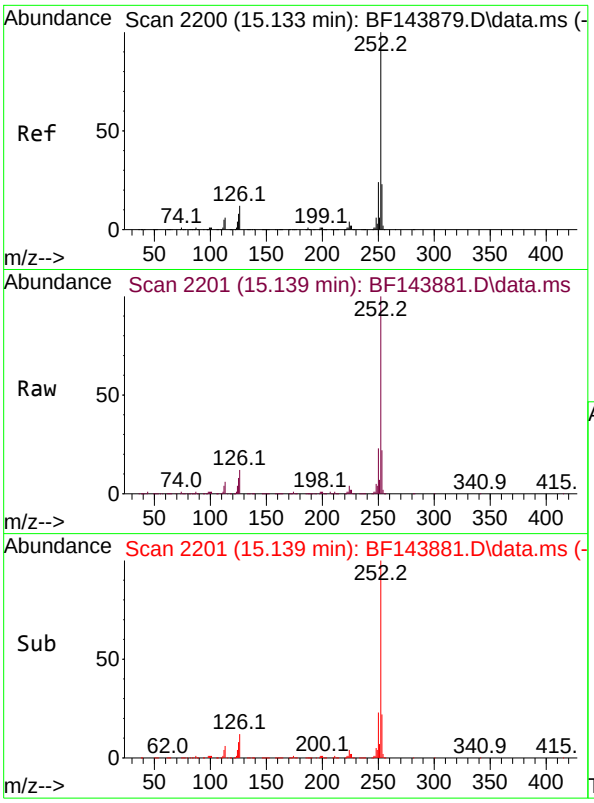


#88
Benzo(b)fluoranthene
Concen: 62.778 ng
RT: 15.110 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:252 Resp: 1117484

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	8.2	7.8	11.6



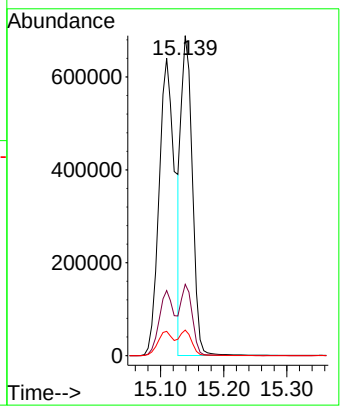


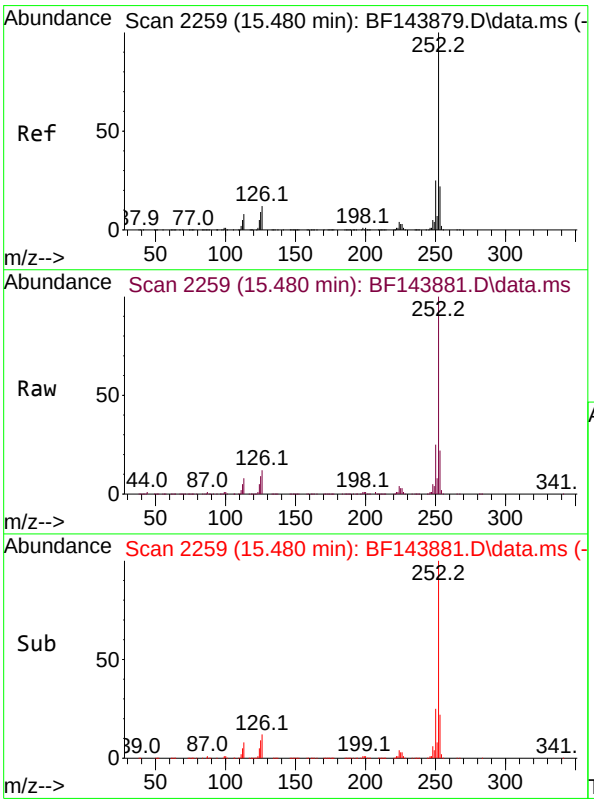
#89
Benzo(k)fluoranthene
Concen: 51.969 ng
RT: 15.139 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:252 Resp: 855988

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	8.0	7.4	11.2

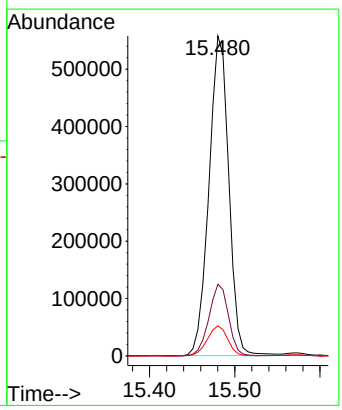


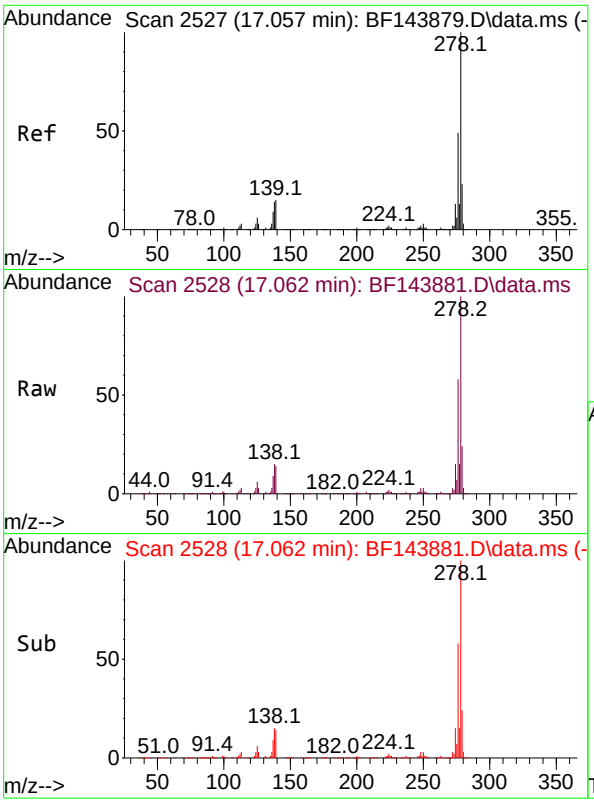


#90
Benzo(a)pyrene
Concen: 58.412 ng
RT: 15.480 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:252 Resp: 901585

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.3	25.9
125	9.4	7.0	10.4



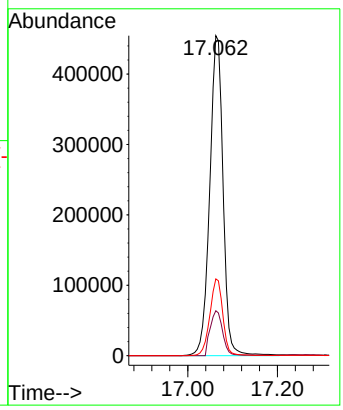


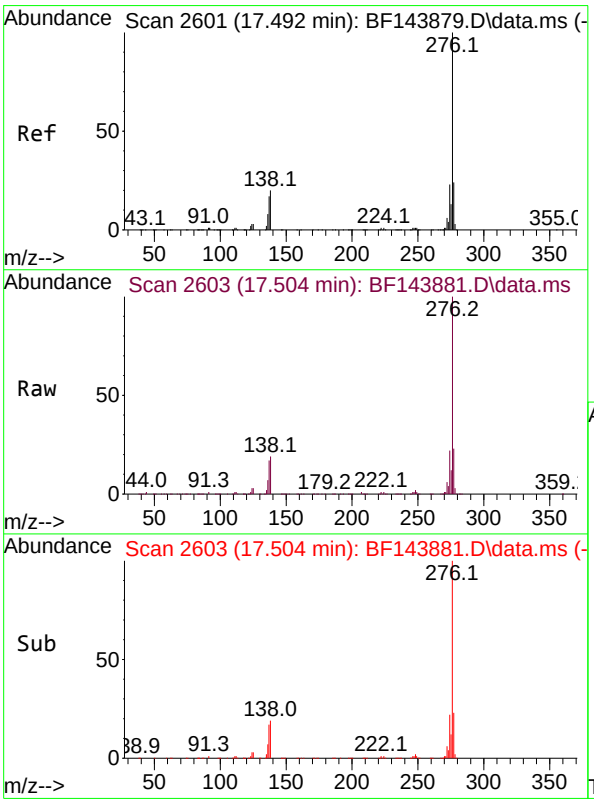
#91
Dibenzo(a,h)anthracene
Concen: 61.291 ng
RT: 17.062 min Scan# 2
Delta R.T. -0.017 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:278 Resp: 935987

Ion	Ratio	Lower	Upper
278	100		
139	14.0	11.7	17.5
279	24.0	18.4	27.6

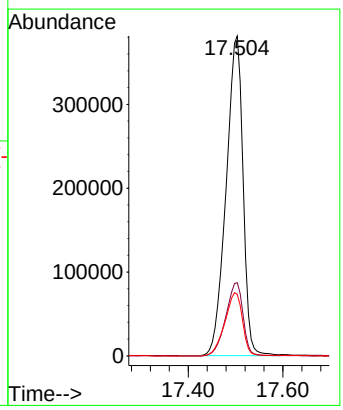




#92
Benzo(g,h,i)perylene
Concen: 61.976 ng
RT: 17.504 min Scan# 2603
Delta R.T. -0.012 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:276 Resp: 946452

Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.0	28.6
138	19.2	16.1	24.1



ICAL Form

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

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

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	0.000	172	0d	0.000	ng		
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	539440m	94.587	ng		
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

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

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

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

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
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

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

ICAL Form

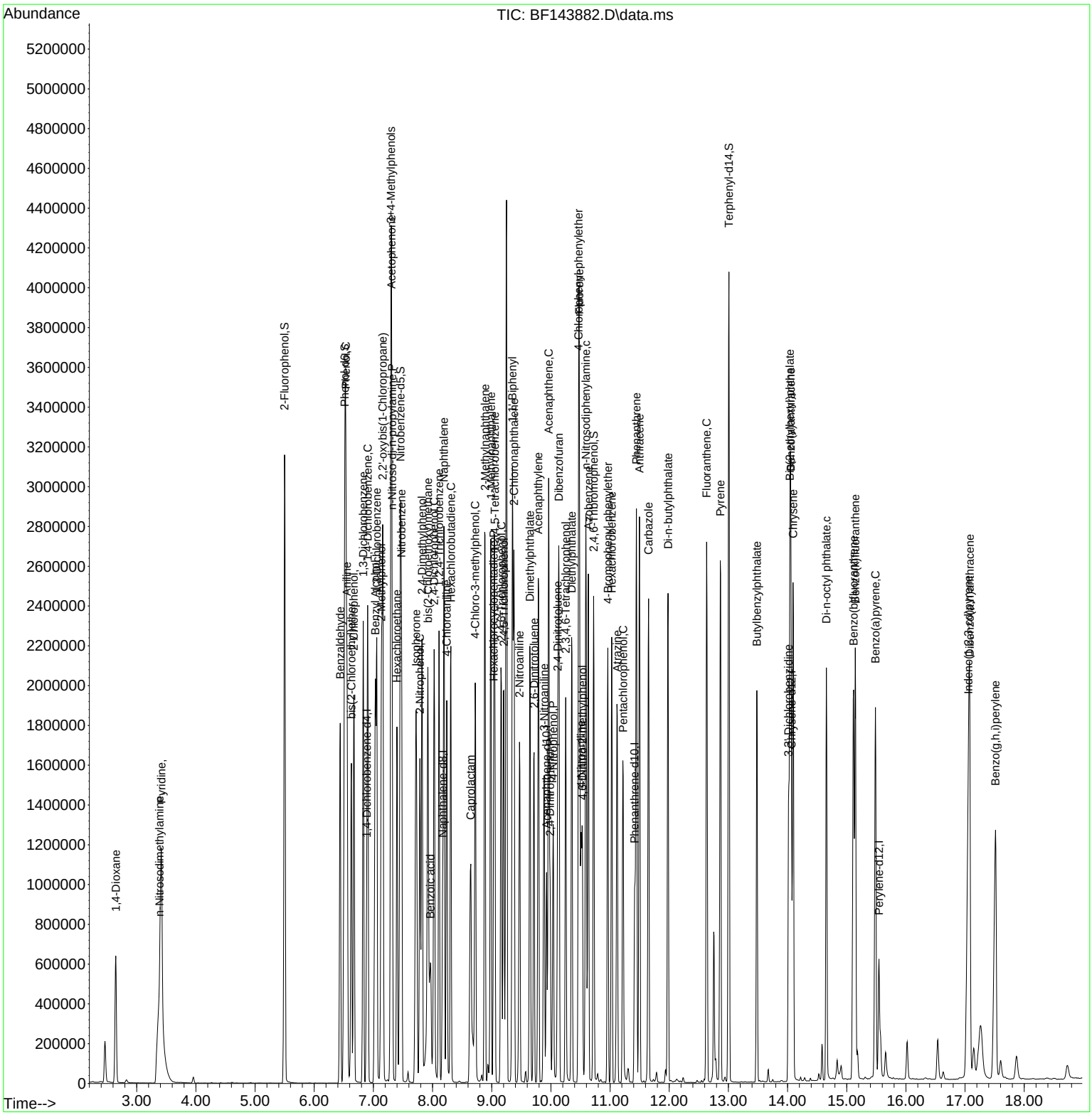
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Data File : BF143882.D
Acq On : 06 Oct 2025 14:22
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

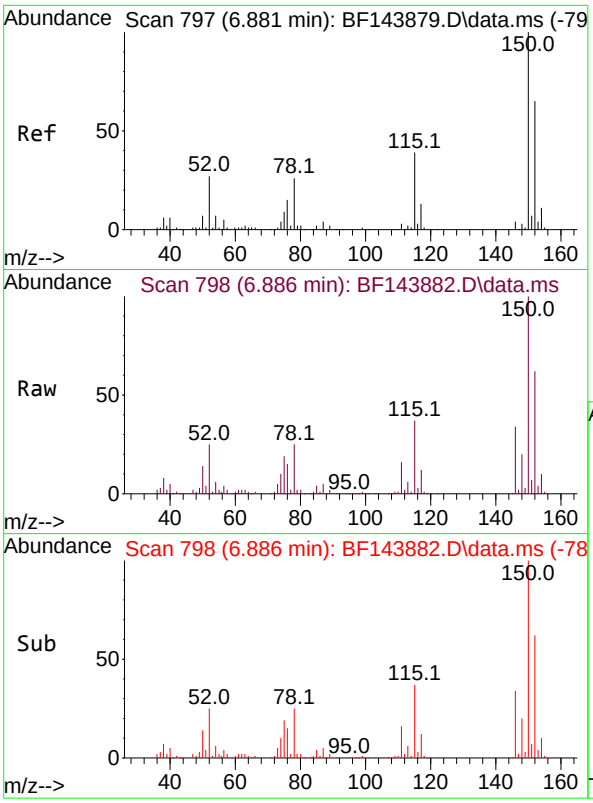
Quant Time: Oct 06 15:39:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

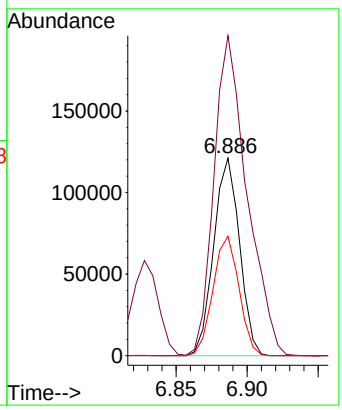




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:152 Resp: 153550

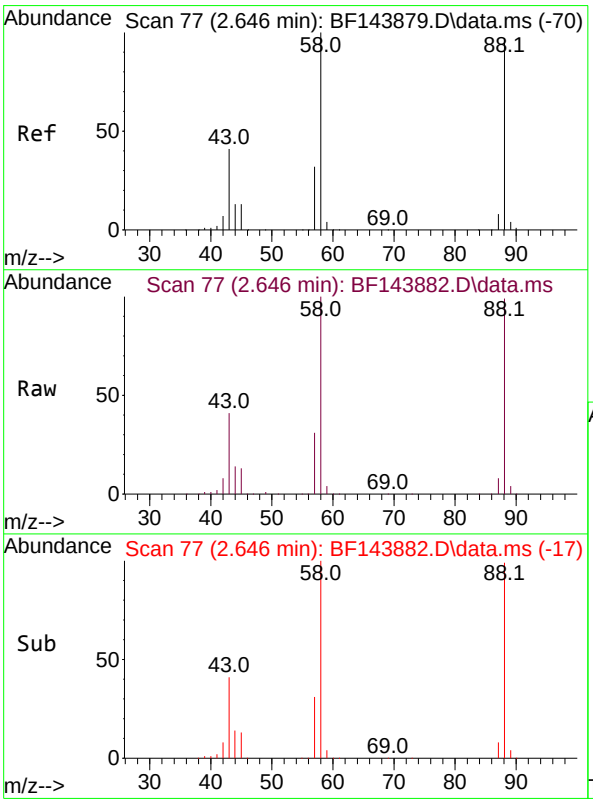
Ion	Ratio	Lower	Upper
152	100		
150	162.0	124.4	186.6
115	60.3	48.1	72.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

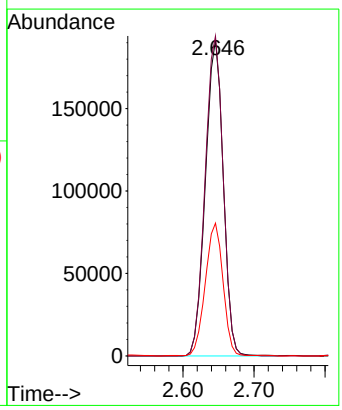
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

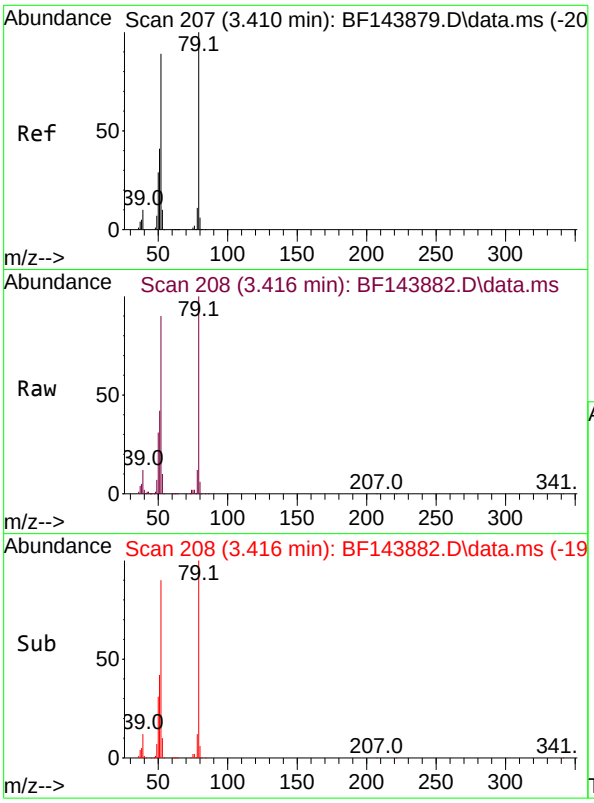


#2
1,4-Dioxane
Concen: 74.672 ng
RT: 2.646 min Scan# 77
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

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

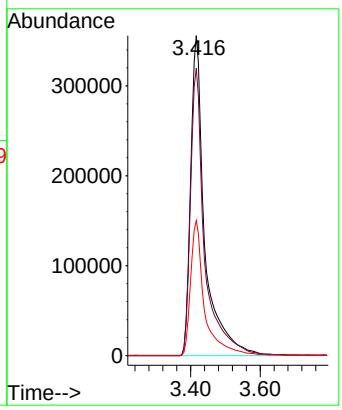
Tgt Ion: 79 Resp: 100955

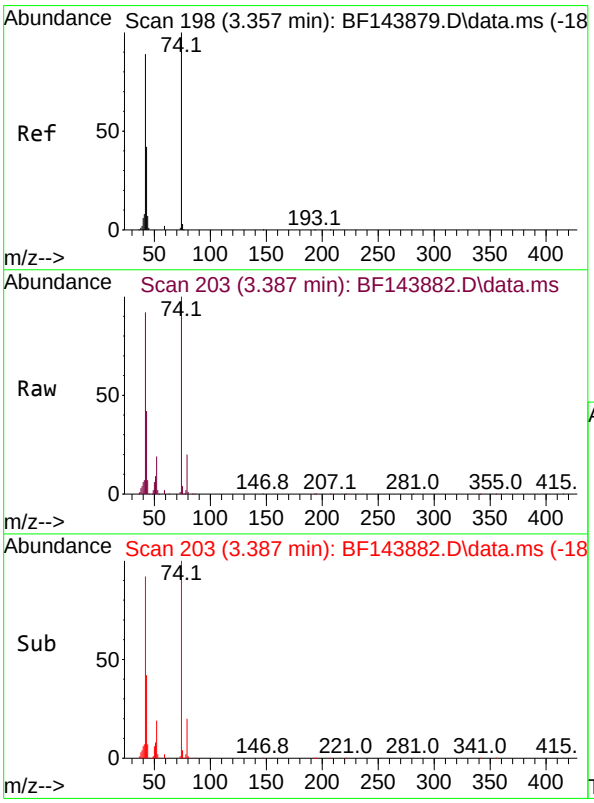
Ion	Ratio	Lower	Upper
79	100		
52	89.8	71.5	107.3
51	42.2	32.9	49.3

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

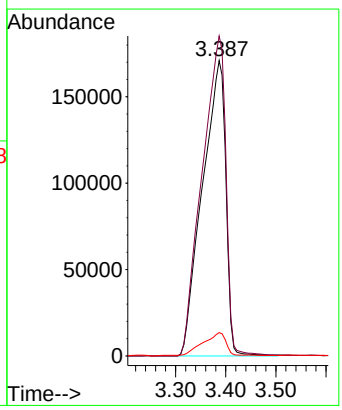


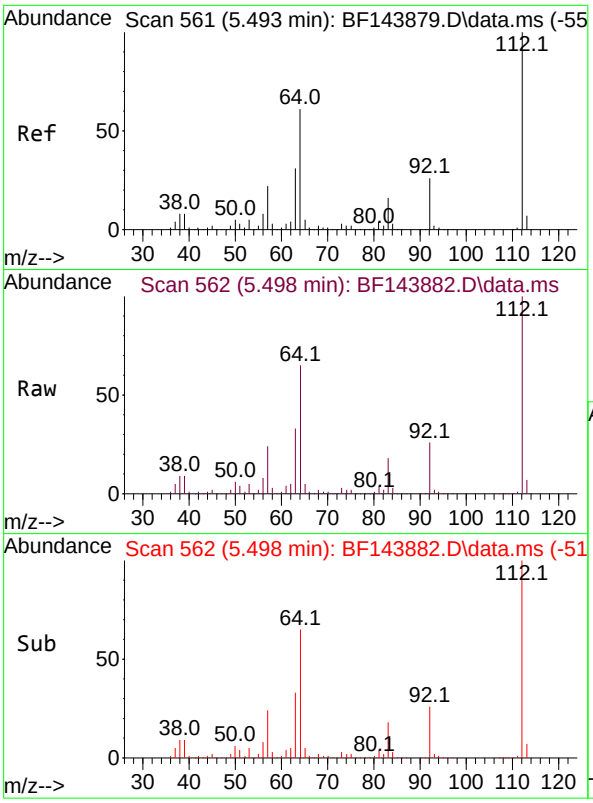


#4
n-Nitrosodimethylamine
Concen: 80.653 ng
RT: 3.387 min Scan# 203
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

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

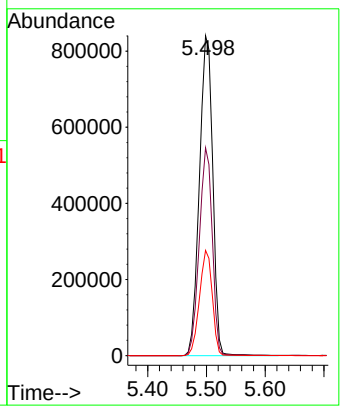




#5
2-Fluorophenol
Concen: 137.113 ng
RT: 5.498 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:112 Resp: 132580

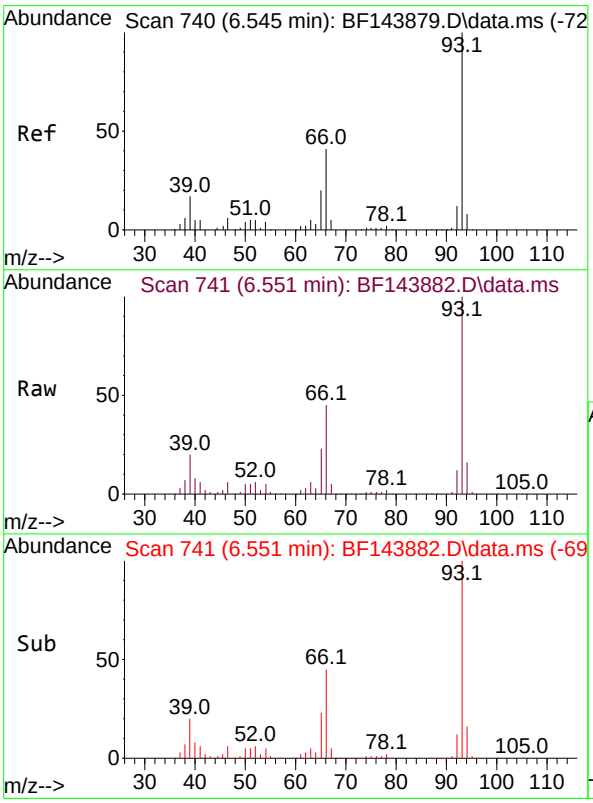
Ion	Ratio	Lower	Upper
112	100		
64	64.9	49.1	73.7
63	32.9	24.5	36.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

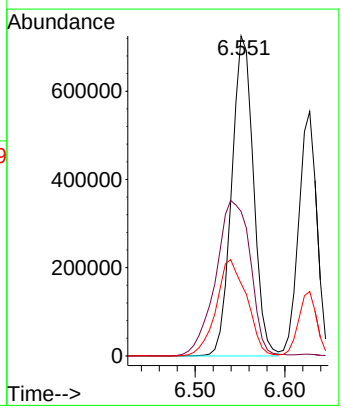
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

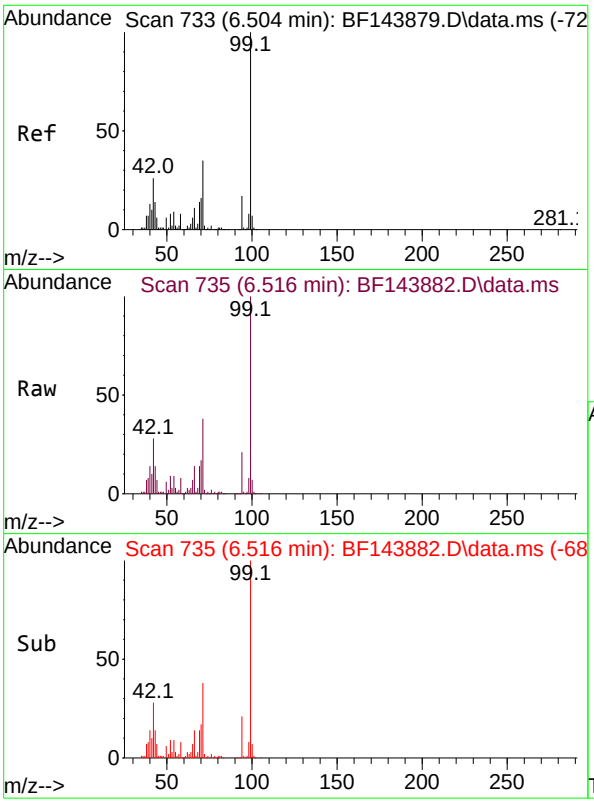


#6
Aniline
Concen: 71.012 ng
RT: 6.551 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

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

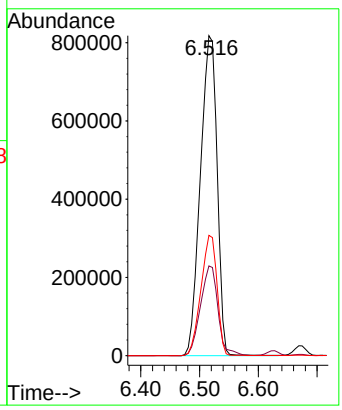




#7
Phenol-d6
Concen: 140.374 ng
RT: 6.516 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion: 99 Resp: 161789

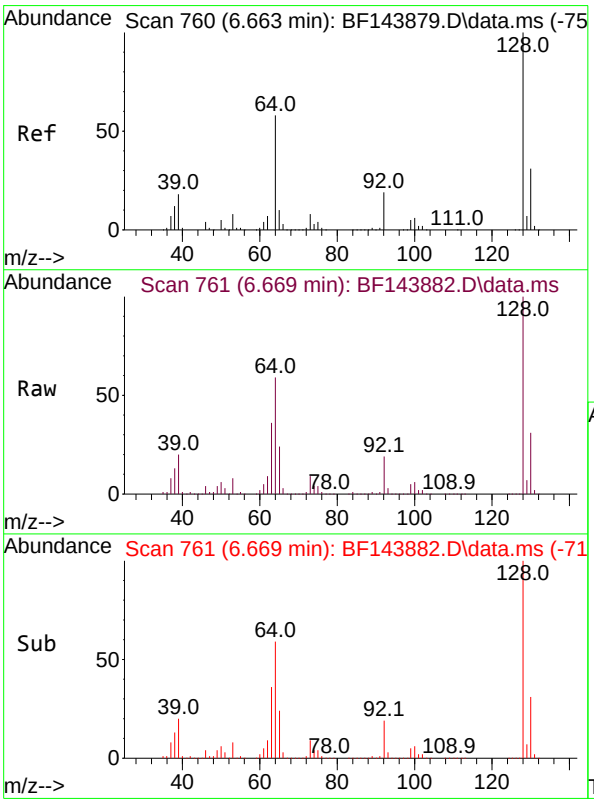
Ion	Ratio	Lower	Upper
99	100		
42	28.0	21.0	31.4
71	37.6	27.8	41.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

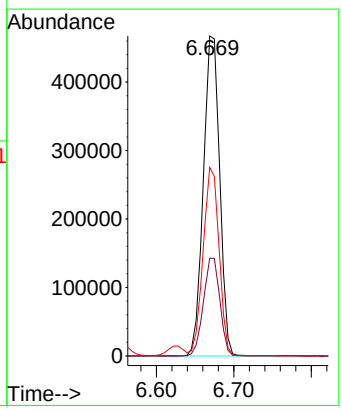
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

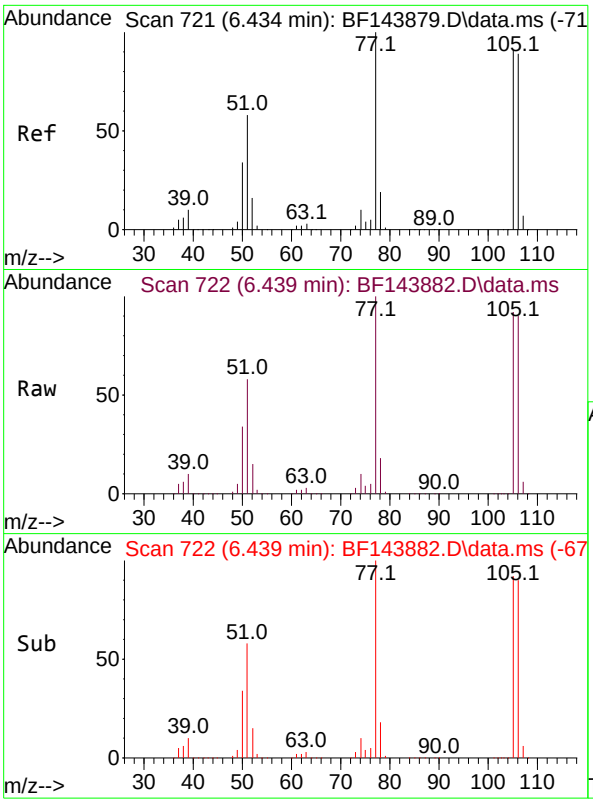


#8
2-Chlorophenol
Concen: 72.356 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

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

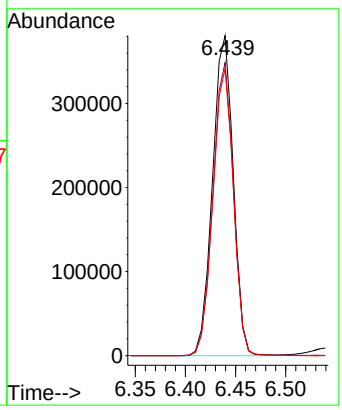




#9
Benzaldehyde
Concen: 61.507 ng
RT: 6.439 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion: 77 Resp: 54684

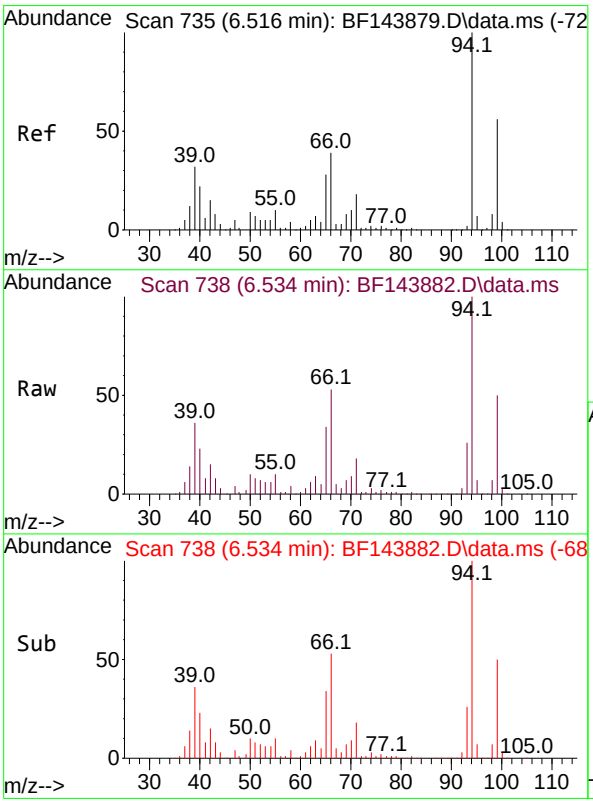
Ion	Ratio	Lower	Upper
77	100		
105	91.5	70.9	110.9
106	89.6	68.9	108.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

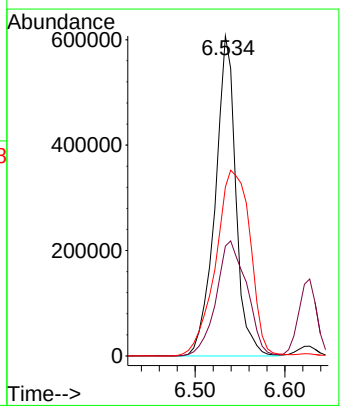
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

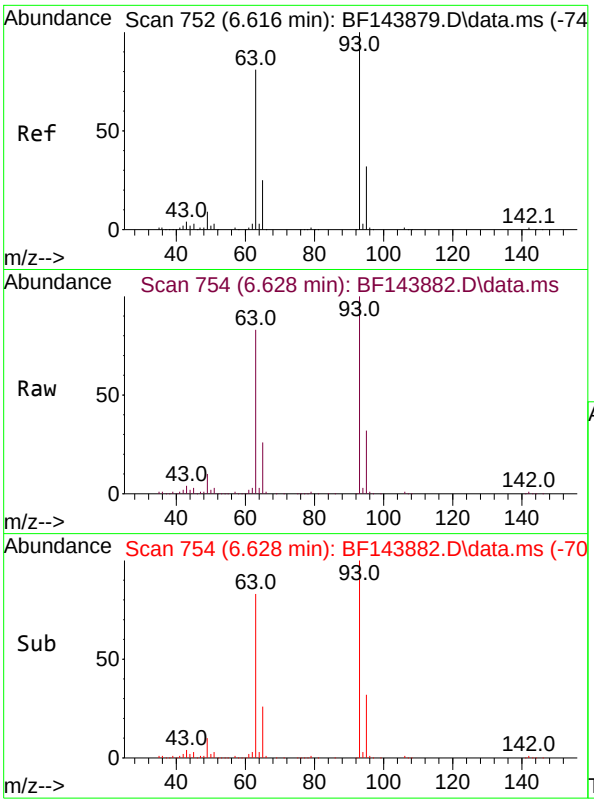


#10
Phenol
Concen: 70.844 ng
RT: 6.534 min Scan# 738
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

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

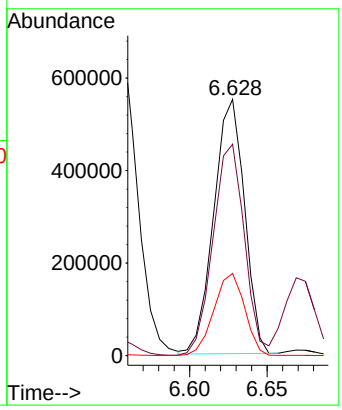




#11
bis(2-Chloroethyl)ether
Concen: 71.438 ng
RT: 6.628 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion: 93 Resp: 76038

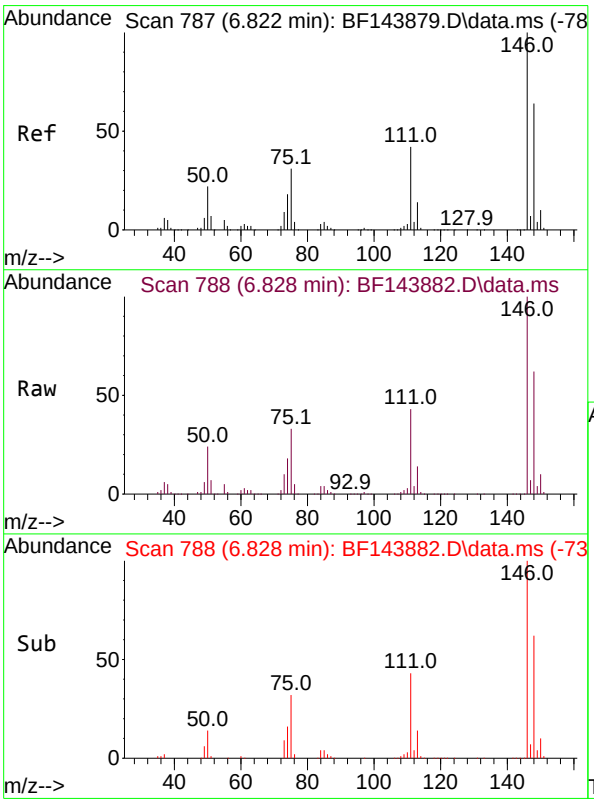
Ion	Ratio	Lower	Upper
93	100		
63	82.5	60.9	100.9
95	32.0	11.5	51.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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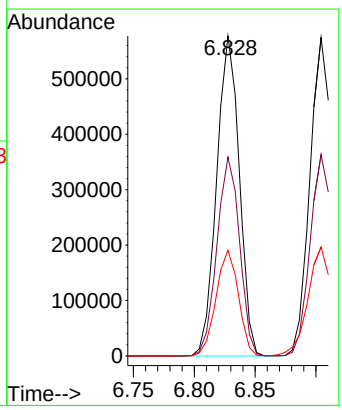
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

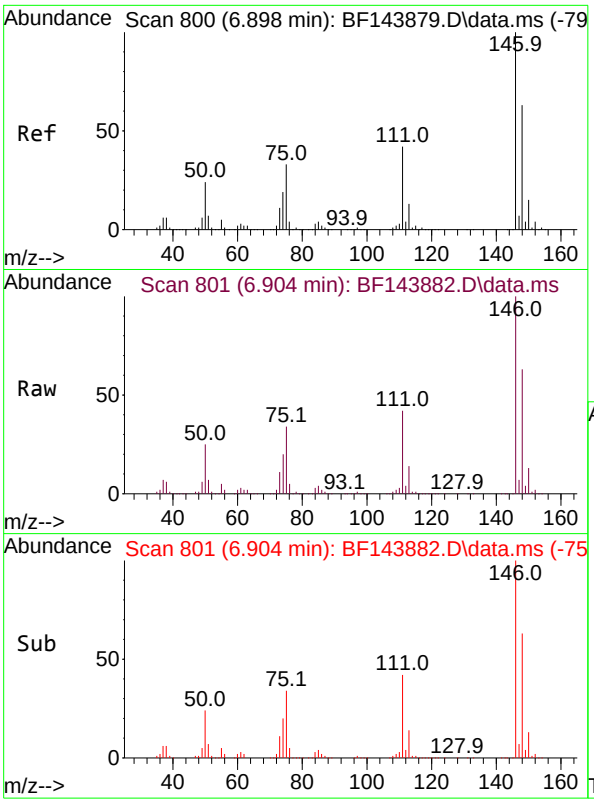


#12
1,3-Dichlorobenzene
Concen: 65.969 ng
RT: 6.828 min Scan# 788
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

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

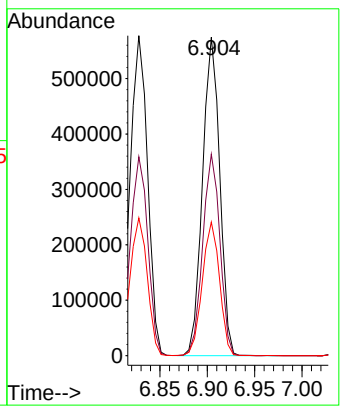




#13
1,4-Dichlorobenzene
Concen: 65.228 ng
RT: 6.904 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:146 Resp: 72797

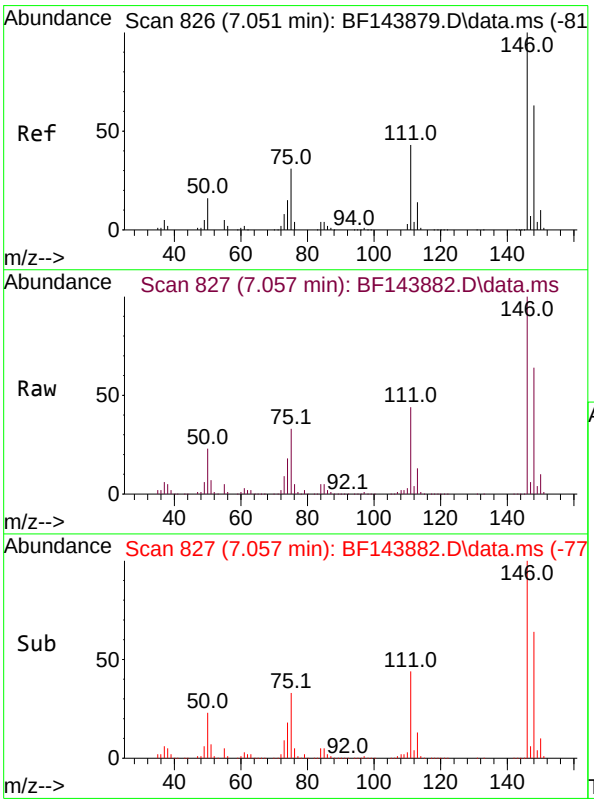
Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.5	75.7
111	42.0	33.4	50.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

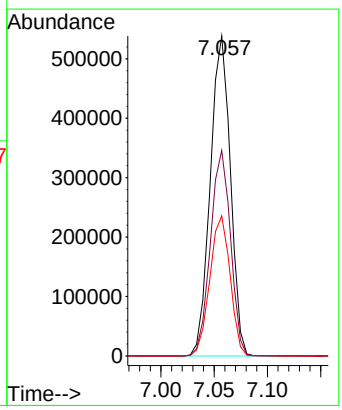
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

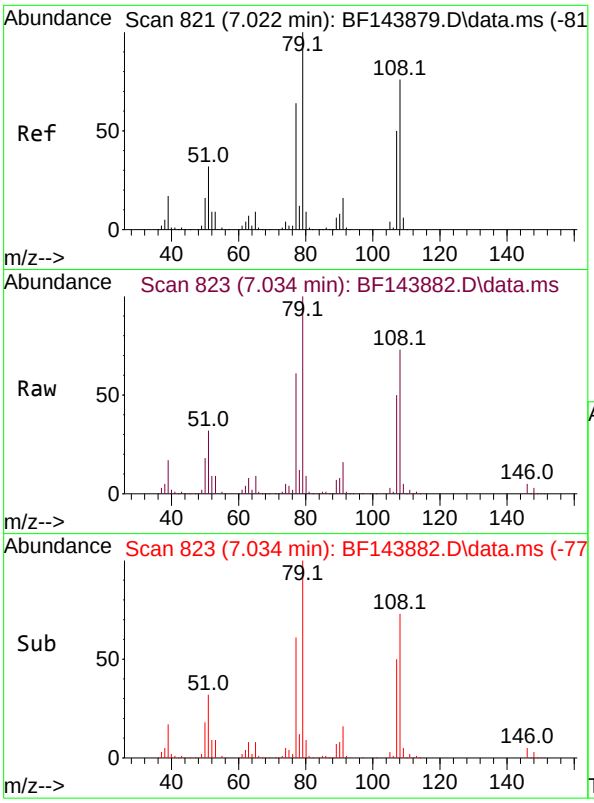


#14
1,2-Dichlorobenzene
Concen: 66.244 ng
RT: 7.057 min Scan# 827
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

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

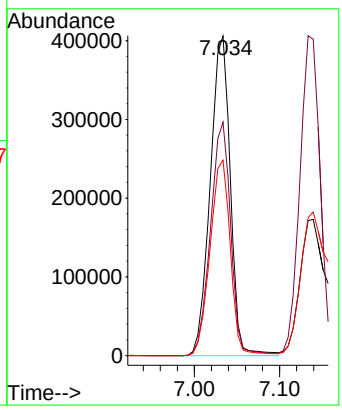
Tgt Ion: 79 Resp: 66430

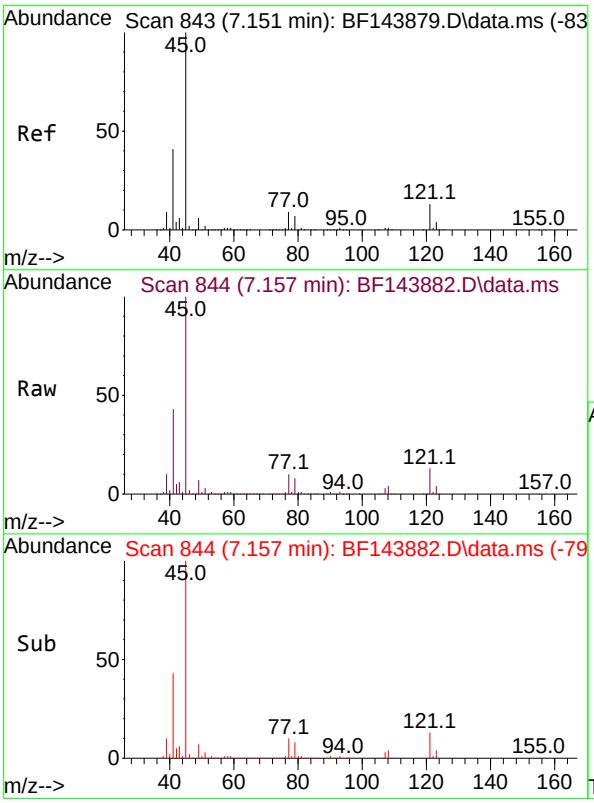
Ion	Ratio	Lower	Upper
79	100		
108	73.0	60.8	91.2
77	61.1	51.0	76.6

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

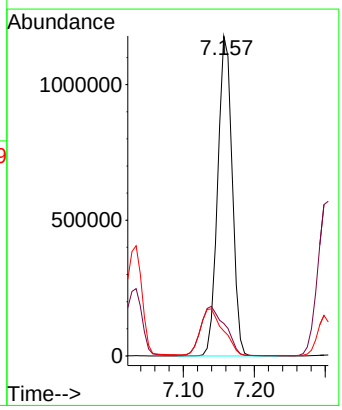


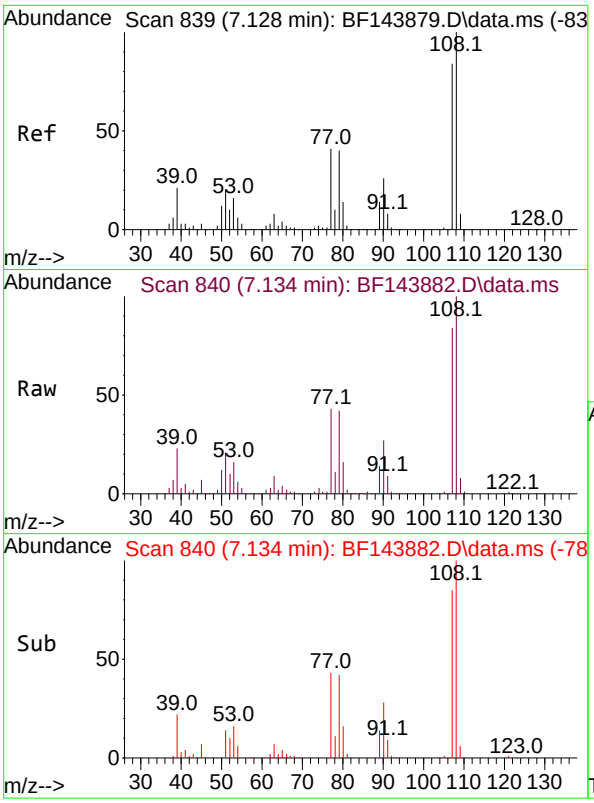


#16
2,2'-oxybis(1-Chloropropane)
Concen: 68.951 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

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

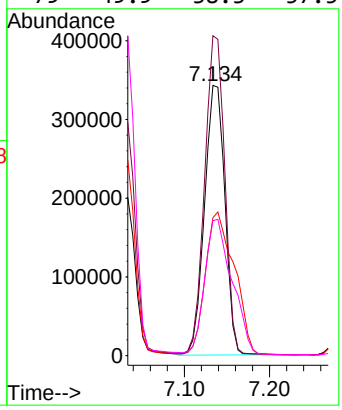




#17
2-Methylphenol
Concen: 72.921 ng
RT: 7.134 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:107 Resp: 569618

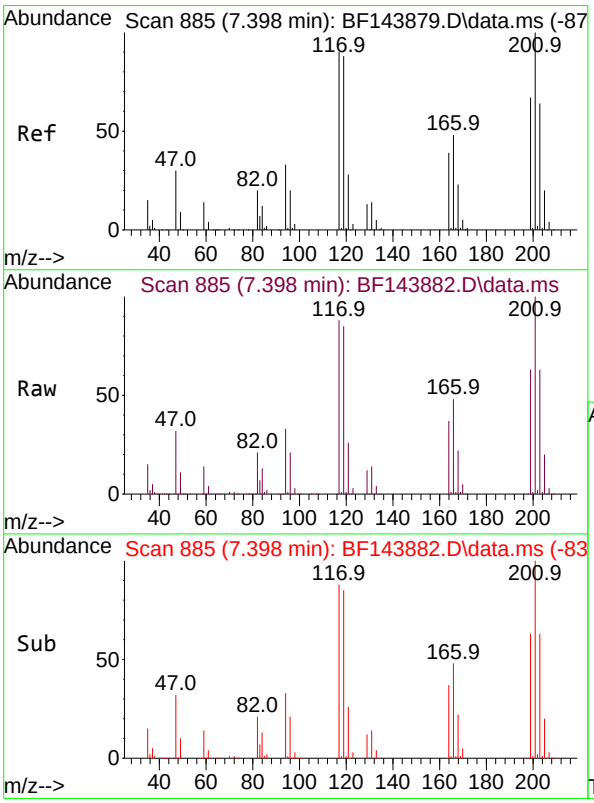
Ion	Ratio	Lower	Upper
107	100		
108	118.5	94.7	142.1
77	51.0	38.8	58.2
79	49.9	38.3	57.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

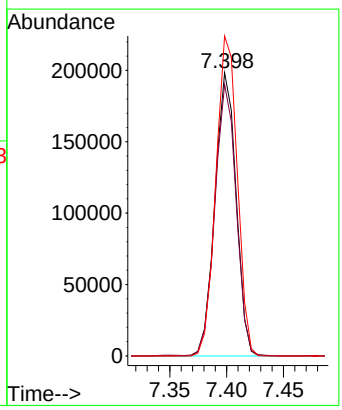
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

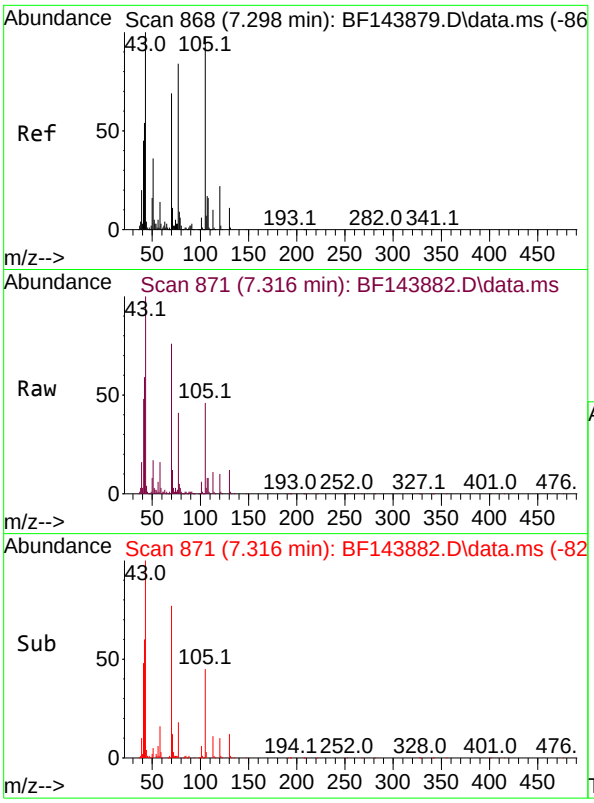


#18
Hexachloroethane
Concen: 68.827 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

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

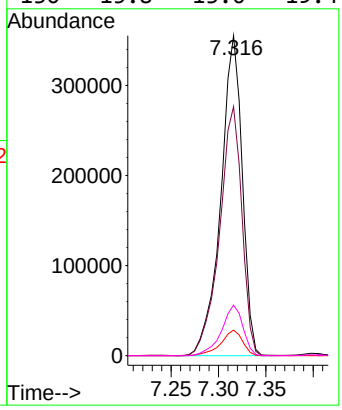




#19
n-Nitroso-di-n-propylamine
Concen: 70.978 ng
RT: 7.316 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion: 70 Resp: 55996

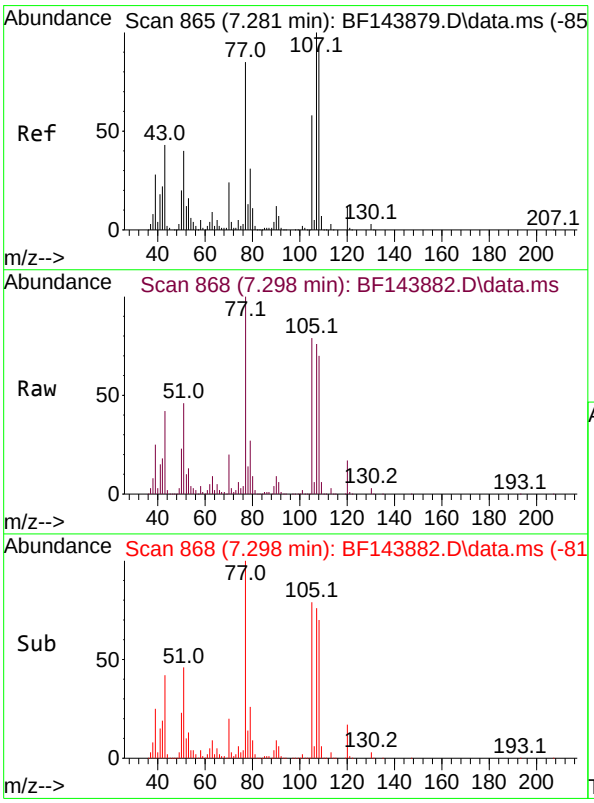
Ion	Ratio	Lower	Upper
70	100		
42	77.8	62.8	94.2
101	8.0	6.7	10.1
130	15.8	13.0	19.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

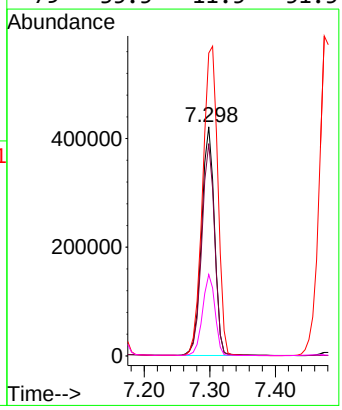
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

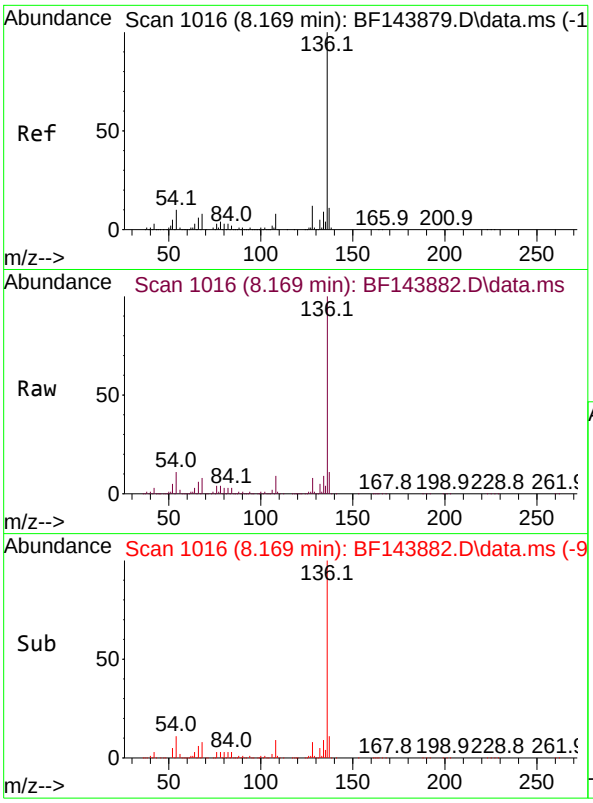


#20
3+4-Methylphenols
Concen: 63.295 ng
RT: 7.298 min Scan# 868
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

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

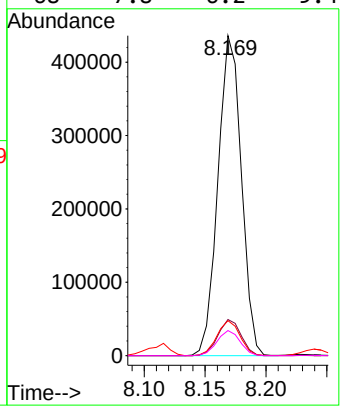




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:136 Resp: 58456

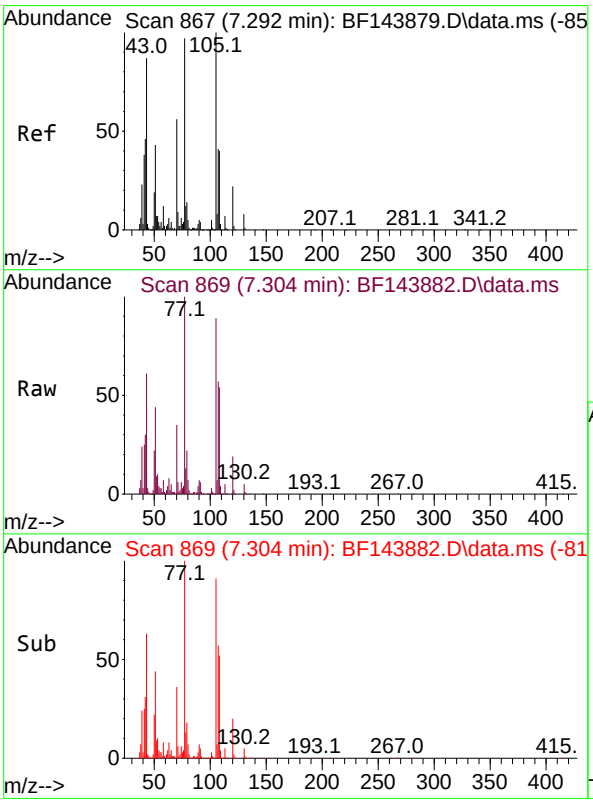
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	10.9	8.2	12.4
68	7.8	6.2	9.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

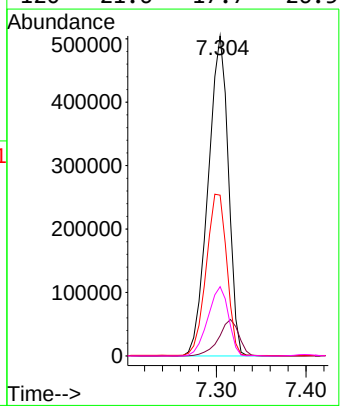
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

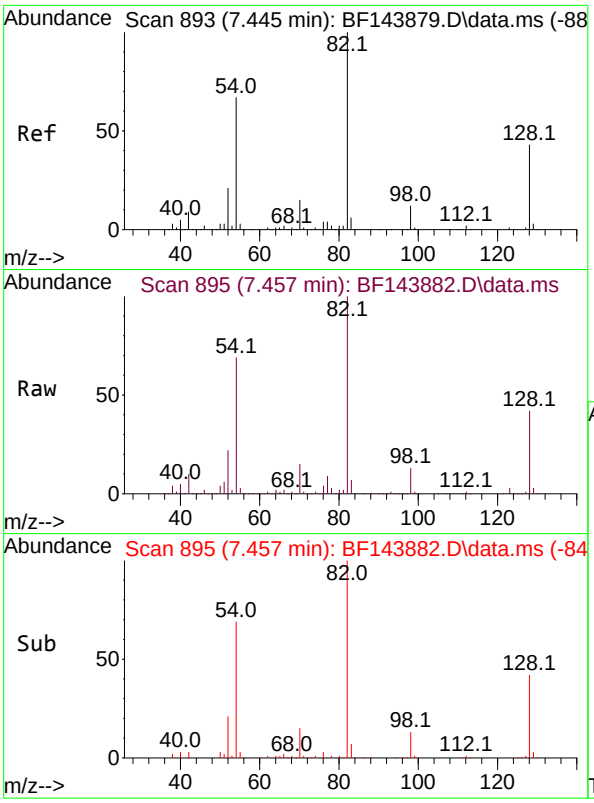


#22
Acetophenone
Concen: 64.345 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

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

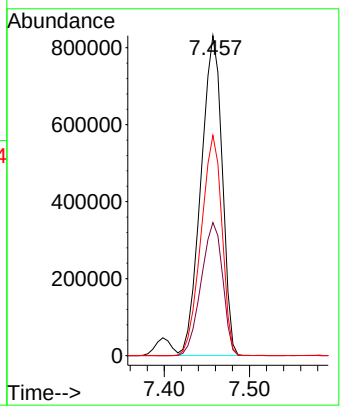




#23
Nitrobenzene-d5
Concen: 149.259 ng
RT: 7.457 min Scan# 89
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion: 82 Resp: 143612

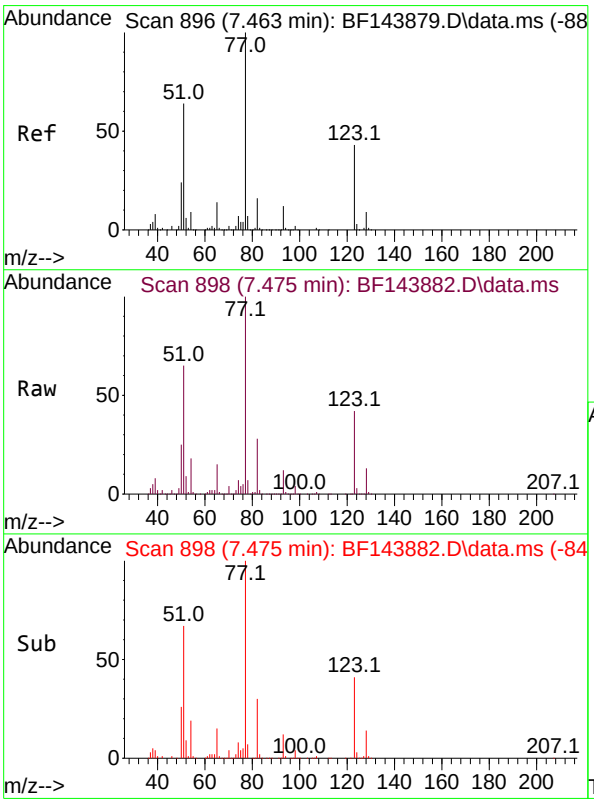
Ion	Ratio	Lower	Upper
82	100		
128	41.6	34.0	51.0
54	68.8	53.2	79.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

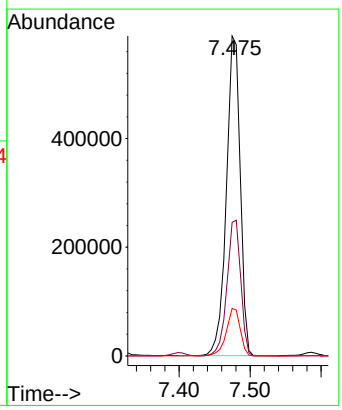
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

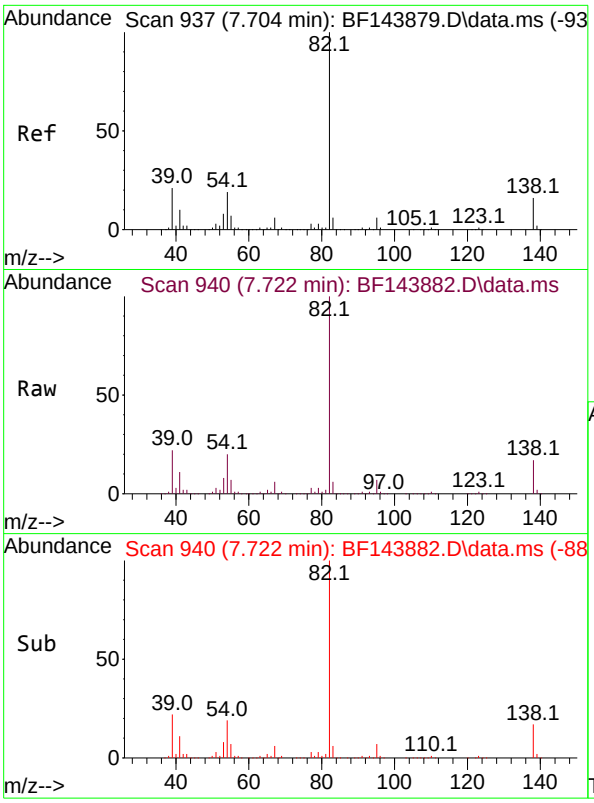


#24
Nitrobenzene
Concen: 74.900 ng
RT: 7.475 min Scan# 898
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

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

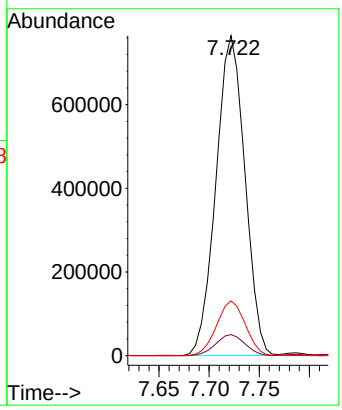




#25
Isophorone
Concen: 75.651 ng
RT: 7.722 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion: 82 Resp: 153478

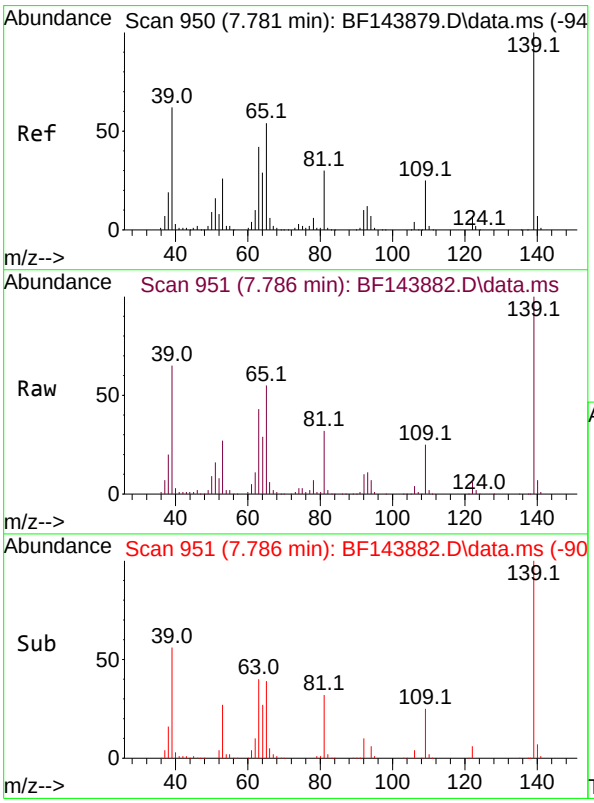
Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.1	7.7
138	17.1	12.9	19.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

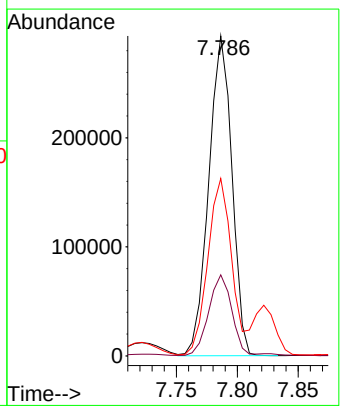
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

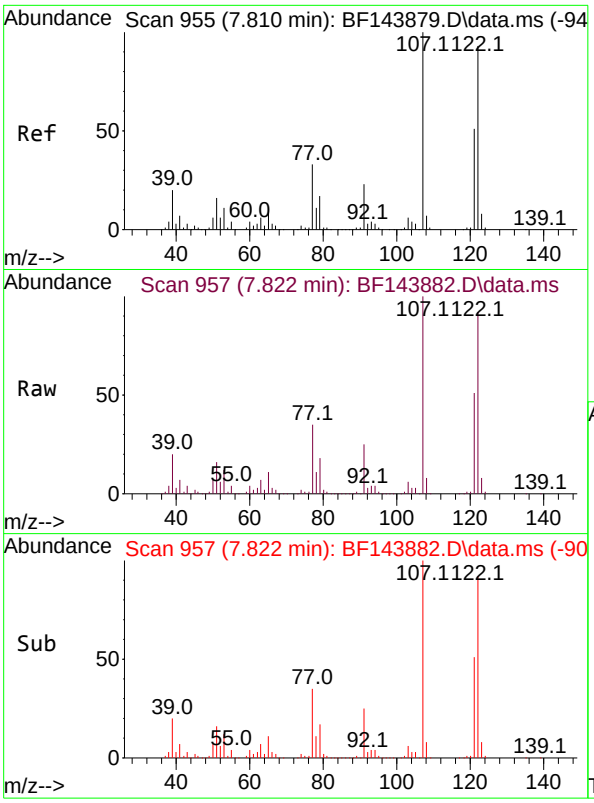


#26
2-Nitrophenol
Concen: 84.948 ng
RT: 7.786 min Scan# 951
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

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

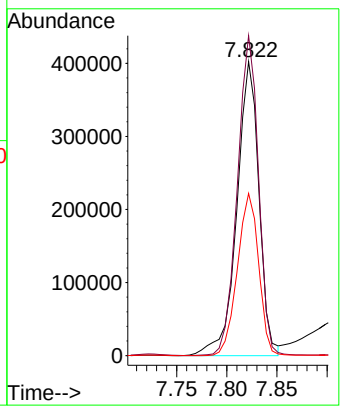




#27
2,4-Dimethylphenol
Concen: 74.828 ng
RT: 7.822 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:122 Resp: 61662

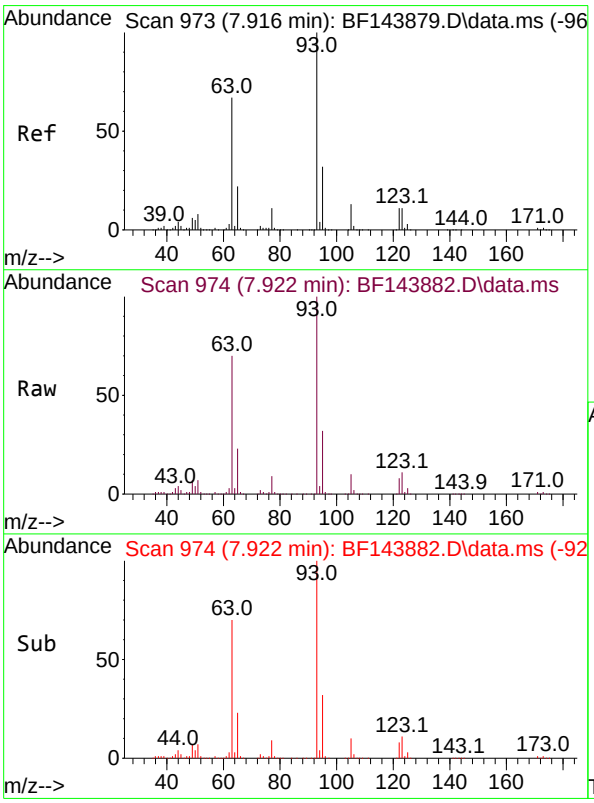
Ion	Ratio	Lower	Upper
122	100		
107	108.9	86.1	129.1
121	55.2	43.8	65.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

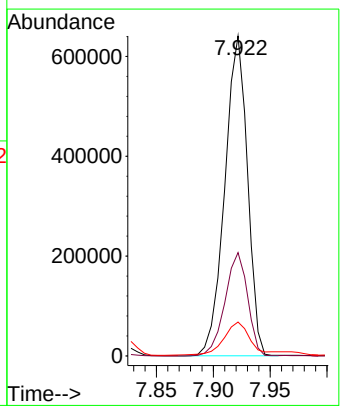
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

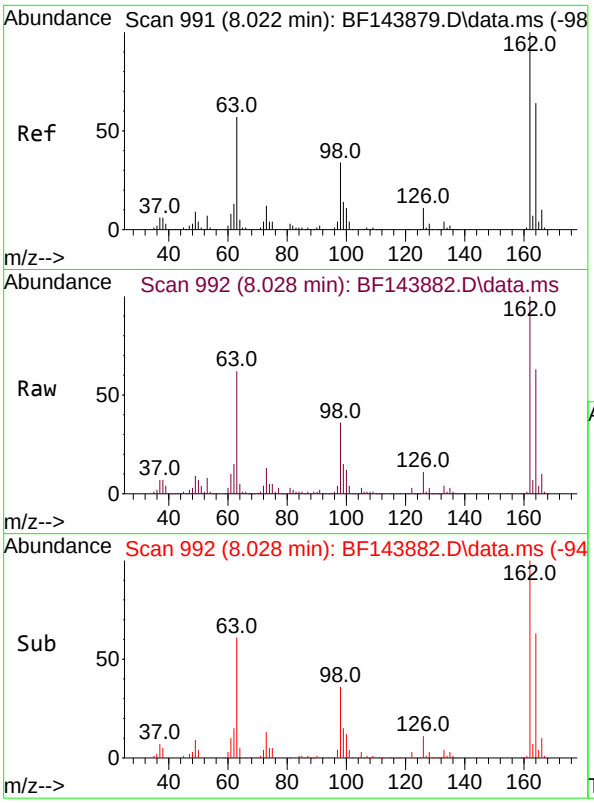


#28
bis(2-Chloroethoxy)methane
Concen: 69.328 ng
RT: 7.922 min Scan# 974
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

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

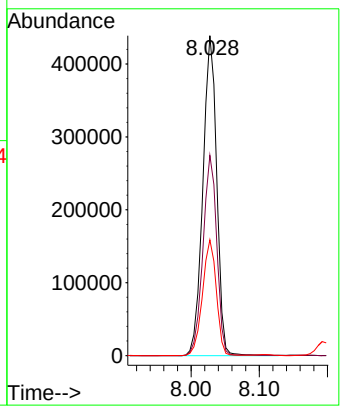
Tgt Ion:162 Resp: 62075

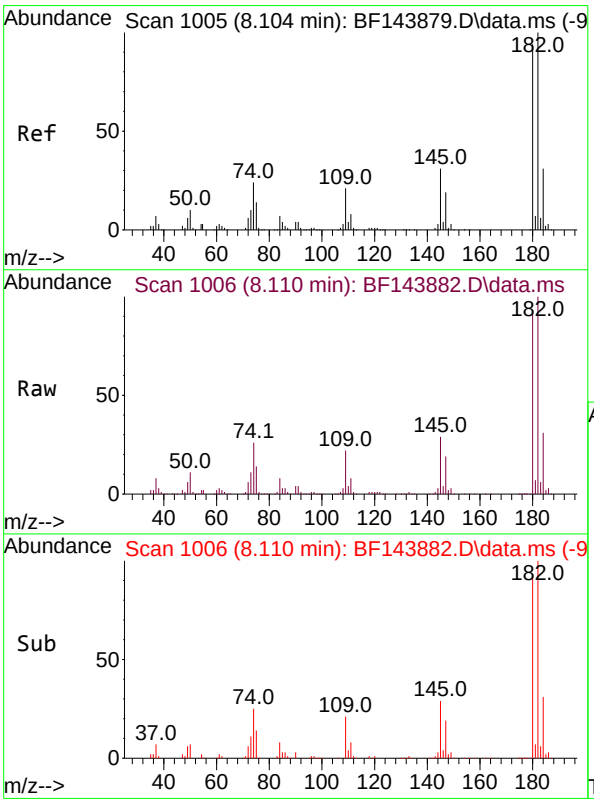
Ion	Ratio	Lower	Upper
162	100		
164	62.6	43.9	83.9
98	36.2	14.4	54.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

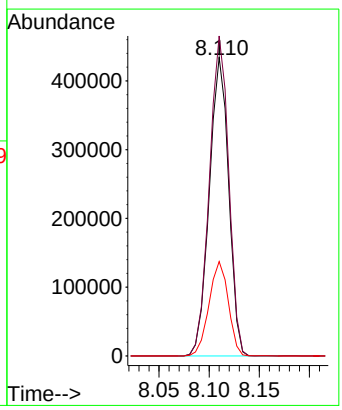


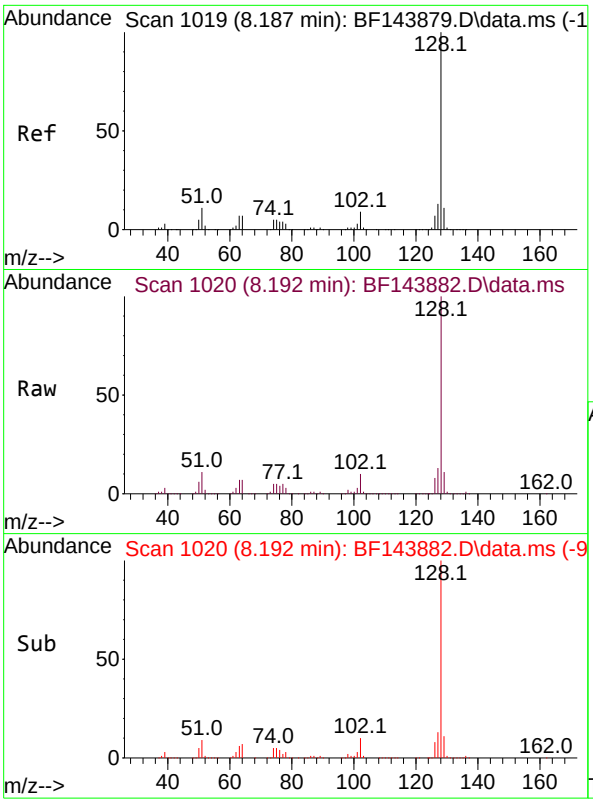


#30
1,2,4-Trichlorobenzene
Concen: 69.063 ng
RT: 8.110 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

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

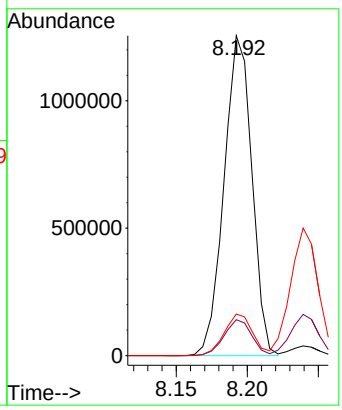




#31
Naphthalene
Concen: 64.341 ng
RT: 8.192 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:128 Resp: 171091

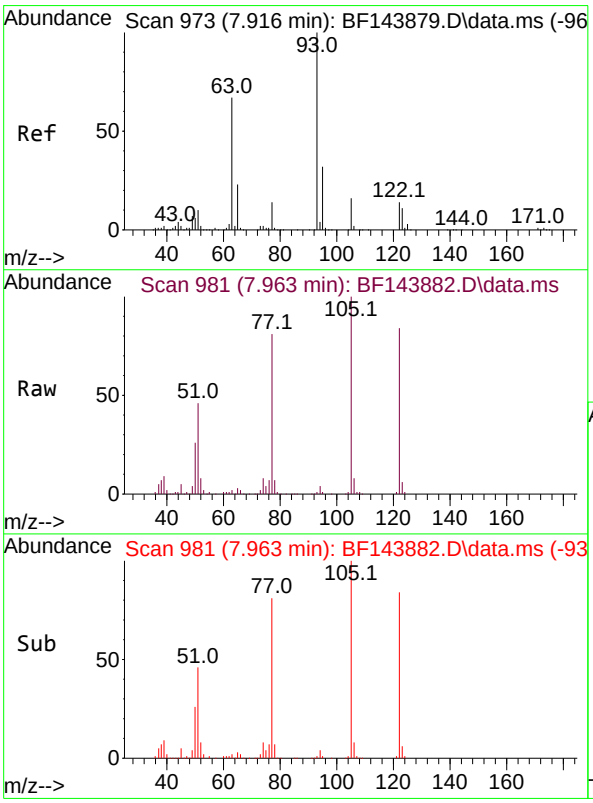
Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	13.0	10.0	15.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

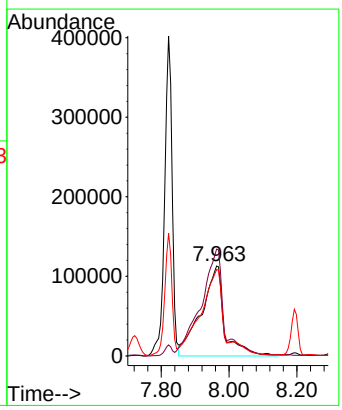
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

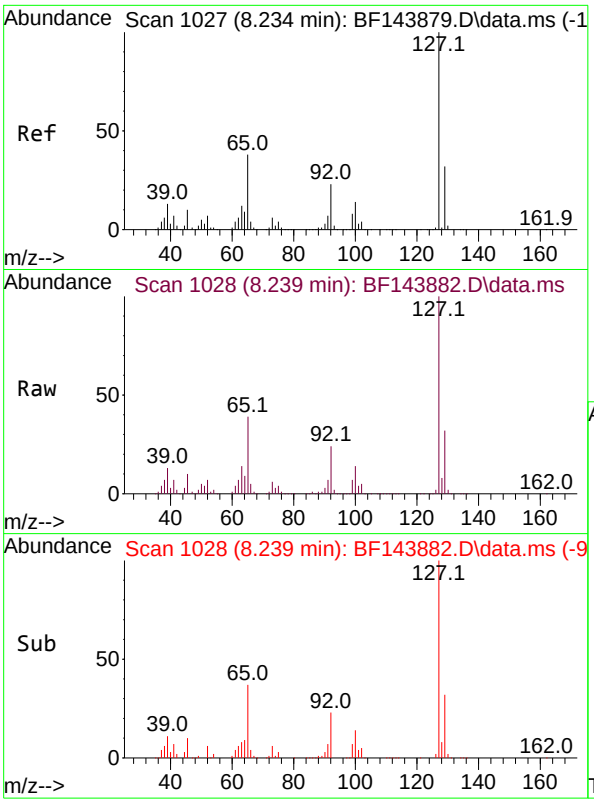


#32
Benzoic acid
Concen: 94.587 ng m
RT: 7.963 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:122 Resp: 539440

Ion	Ratio	Lower	Upper
122	100		
105	118.9	93.5	133.5
77	96.1	76.3	116.3

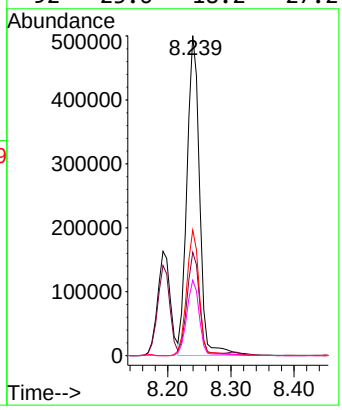




#33
4-Chloroaniline
Concen: 69.923 ng
RT: 8.239 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:127 Resp: 69735

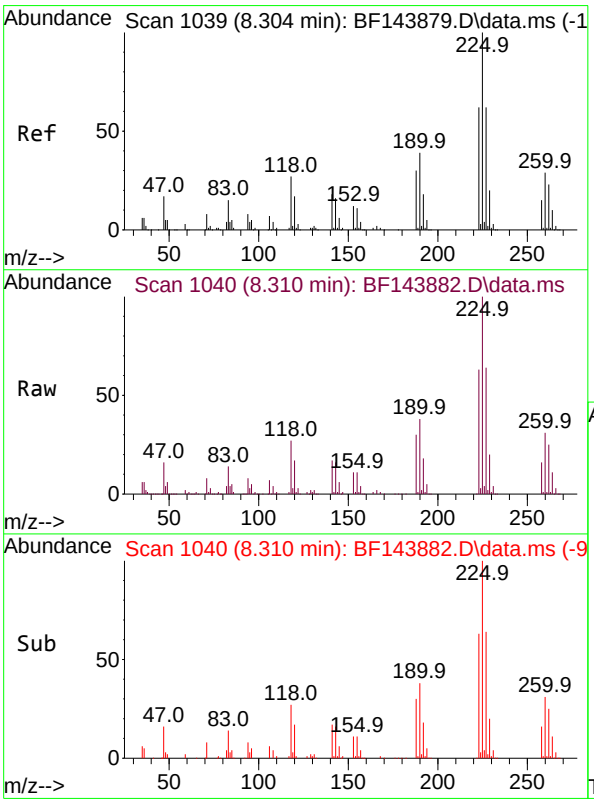
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.8	38.8
65	39.2	30.0	45.0
92	23.6	18.2	27.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

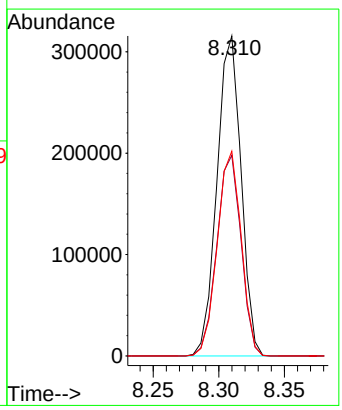
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

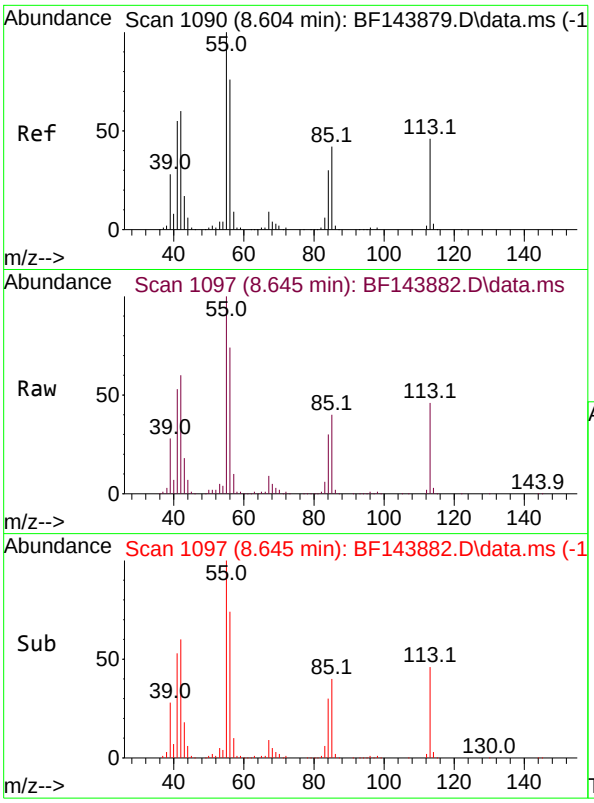


#34
Hexachlorobutadiene
Concen: 68.974 ng
RT: 8.310 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

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

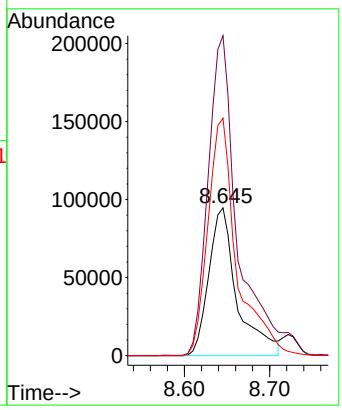




#35
Caprolactam
Concen: 80.169 ng
RT: 8.645 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:113 Resp: 21880

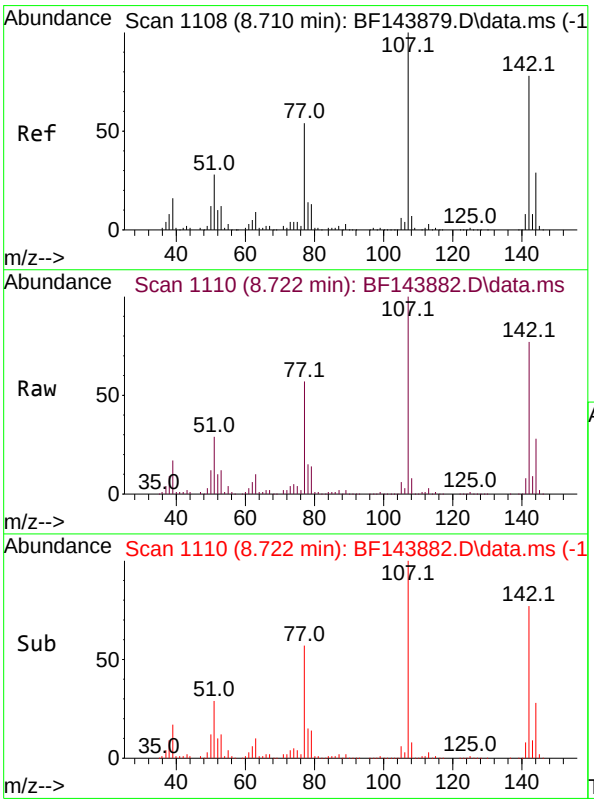
Ion	Ratio	Lower	Upper
113	100		
55	216.6	199.6	239.6
56	160.6	146.0	186.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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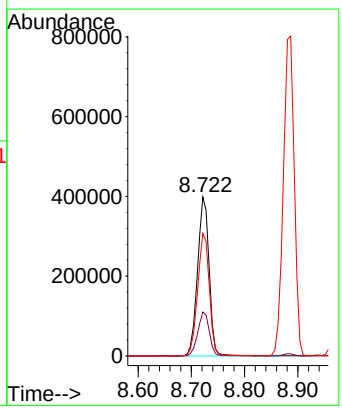
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

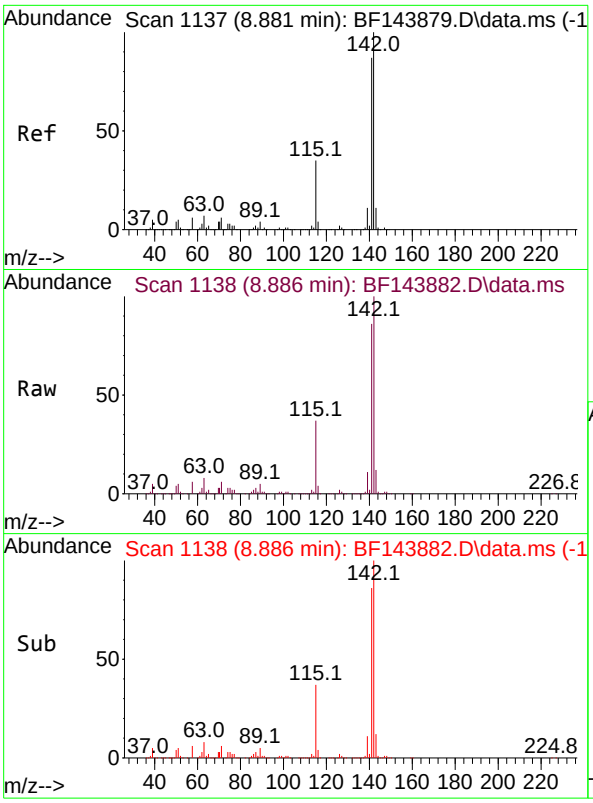


#36
4-Chloro-3-methylphenol
Concen: 72.601 ng
RT: 8.722 min Scan# 1110
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

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

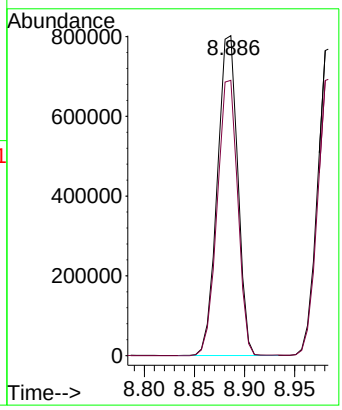




#37
2-Methylnaphthalene
Concen: 64.254 ng
RT: 8.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:142 Resp: 113814

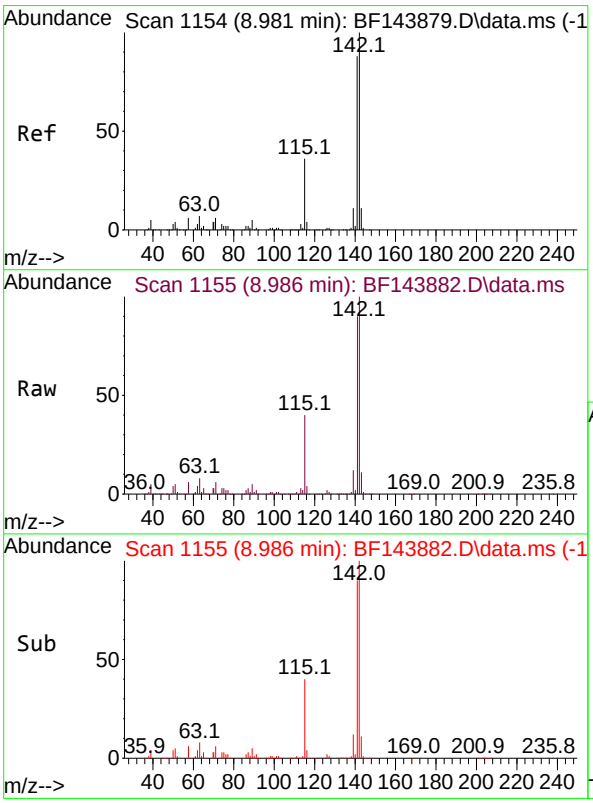
Ion	Ratio	Lower	Upper
142	100		
141	86.0	69.2	103.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

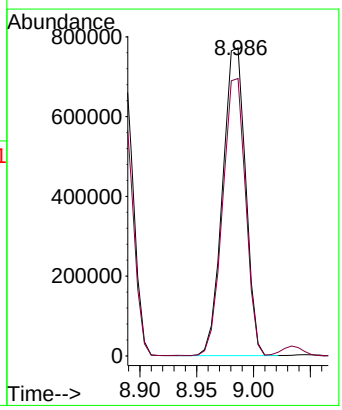
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

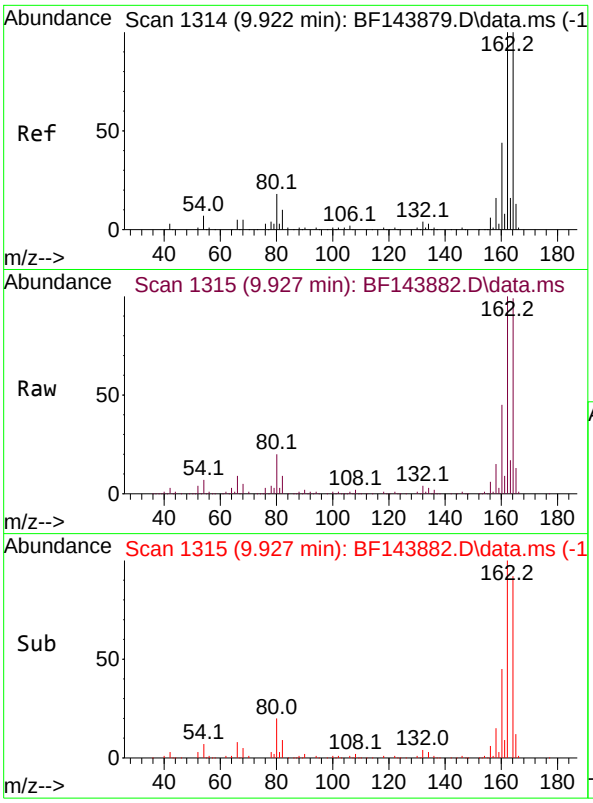


#38
1-Methylnaphthalene
Concen: 63.318 ng
RT: 8.986 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:142 Resp: 1087879

Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.8	106.2

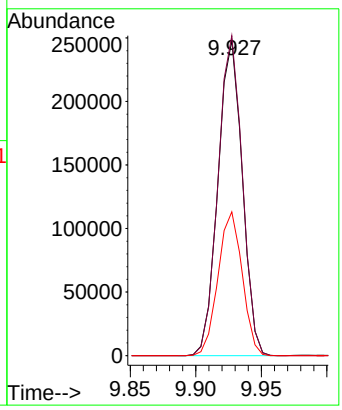




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:164 Resp: 32033

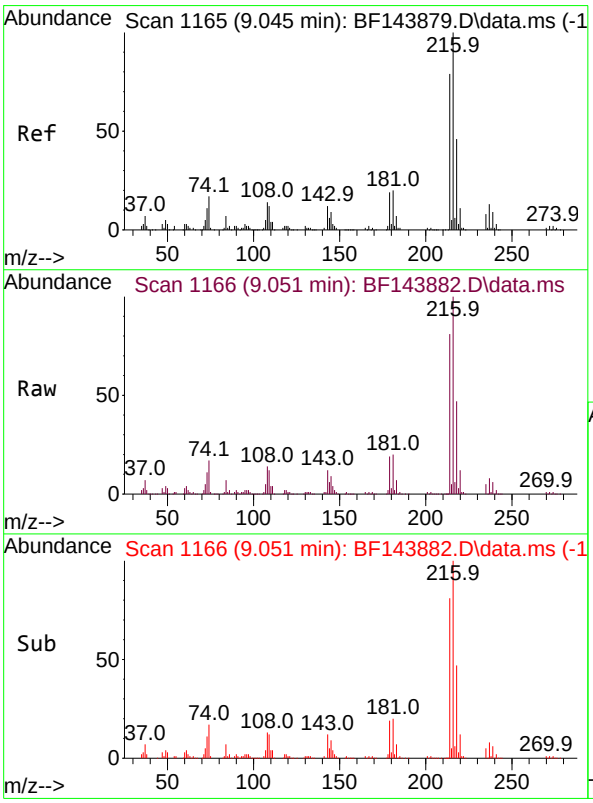
Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.2	120.2
160	45.6	35.4	53.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

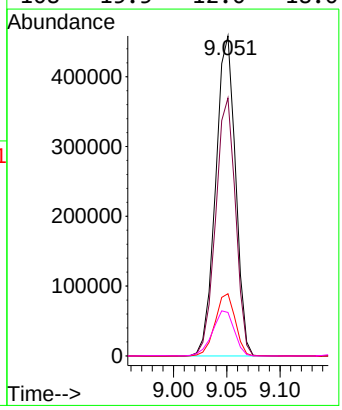
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

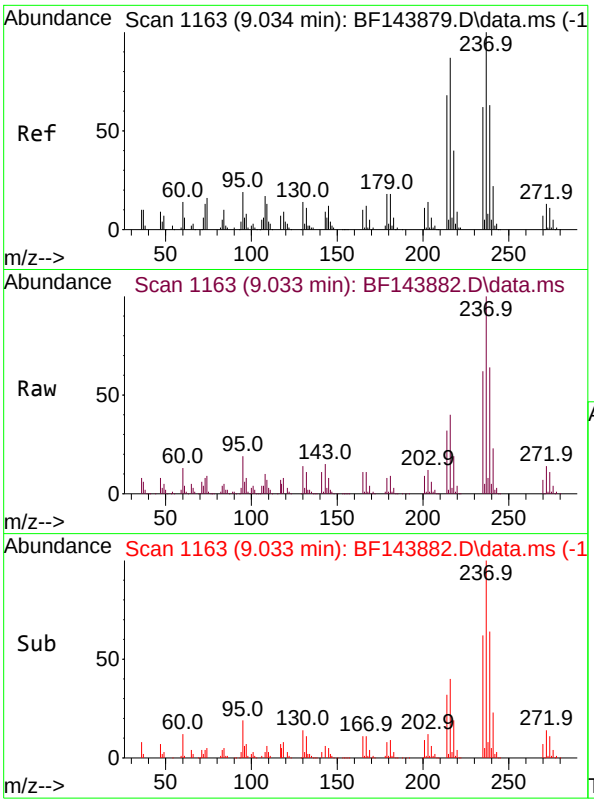


#40
1,2,4,5-Tetrachlorobenzene
Concen: 67.166 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

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

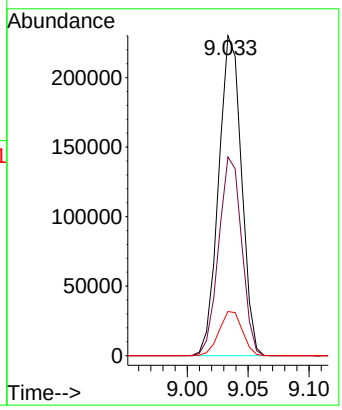
Tgt Ion:237 Resp: 30117

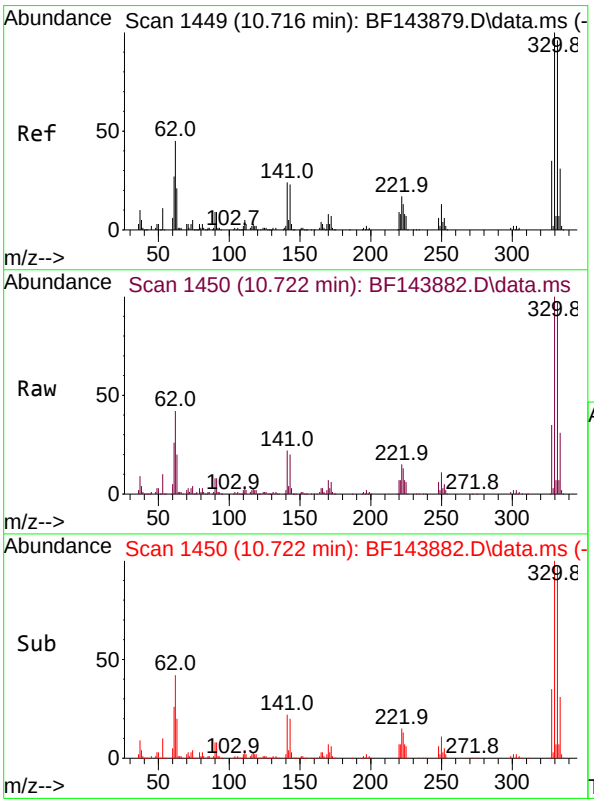
Ion	Ratio	Lower	Upper
237	100		
235	62.1	42.3	82.3
272	13.8	0.0	33.1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

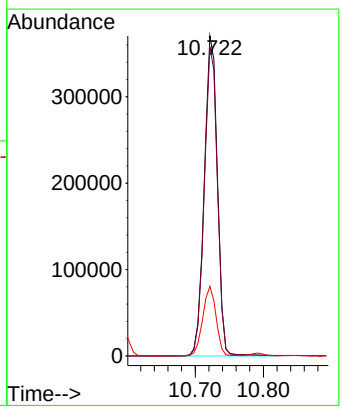


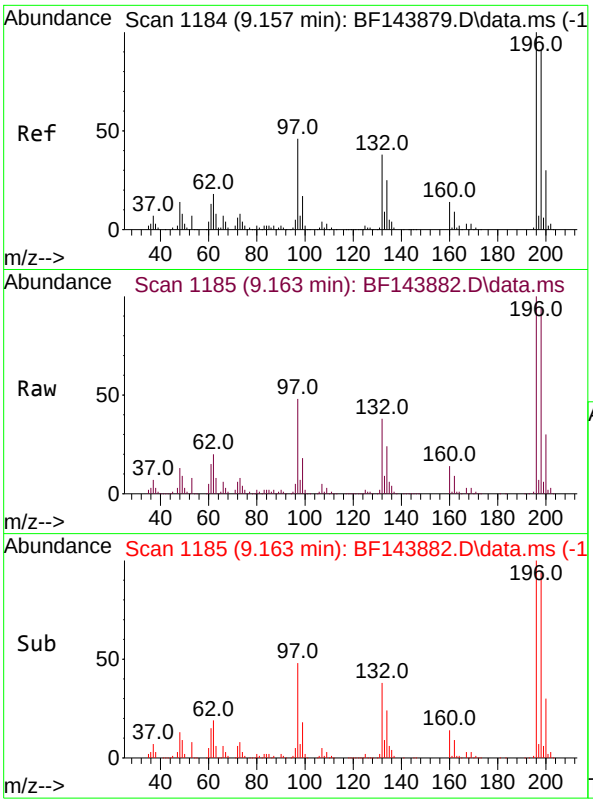


#42
2,4,6-Tribromophenol
Concen: 155.397 ng
RT: 10.722 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

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

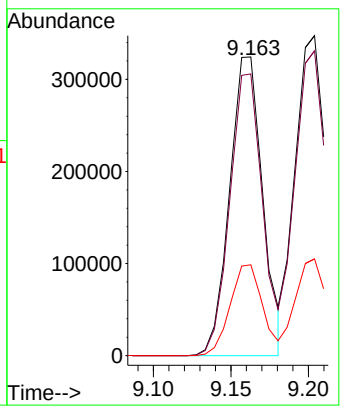




#43
2,4,6-Trichlorophenol
Concen: 74.487 ng
RT: 9.163 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:196 Resp: 48185

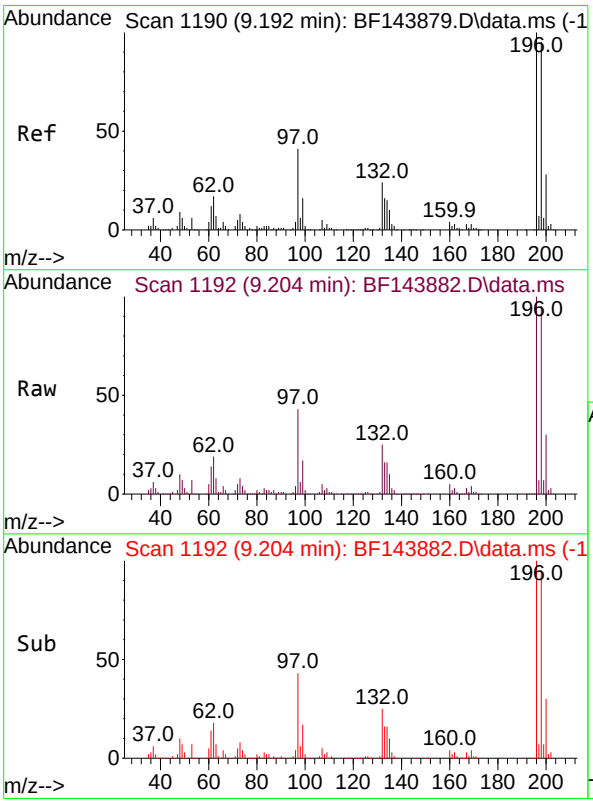
Ion	Ratio	Lower	Upper
196	100		
198	94.4	72.8	109.2
200	30.4	24.0	36.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

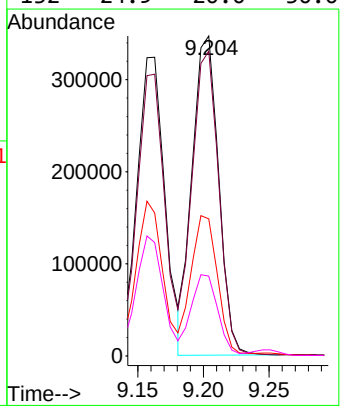
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

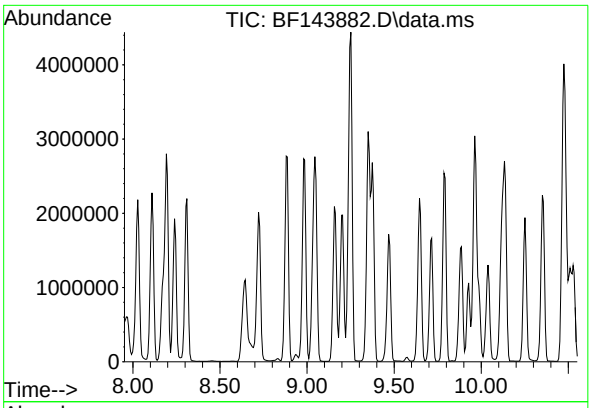


#44
2,4,5-Trichlorophenol
Concen: 71.286 ng
RT: 9.204 min Scan# 1192
Delta R.T. -0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

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: 0.000 ng
Expected RT: 9.25 min

Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

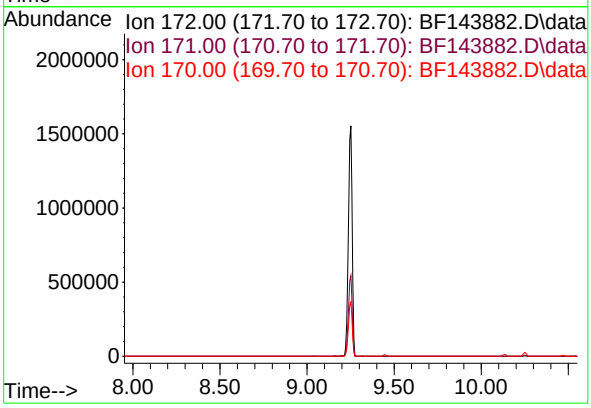
Tgt Ion: 172

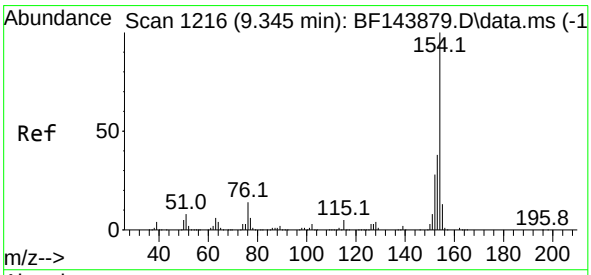
Sig	Exp Ratio
172	100
171	34.2
170	23.3

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

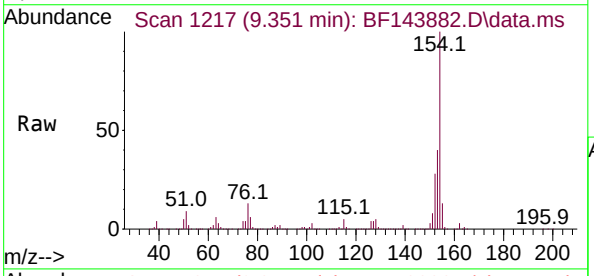


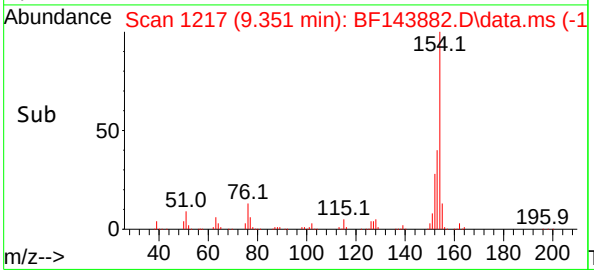


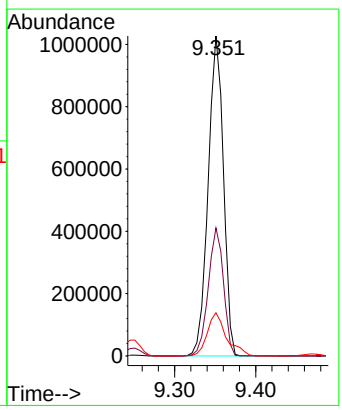
#46
1,1'-Biphenyl
Concen: 63.407 ng
RT: 9.351 min Scan# 1217
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

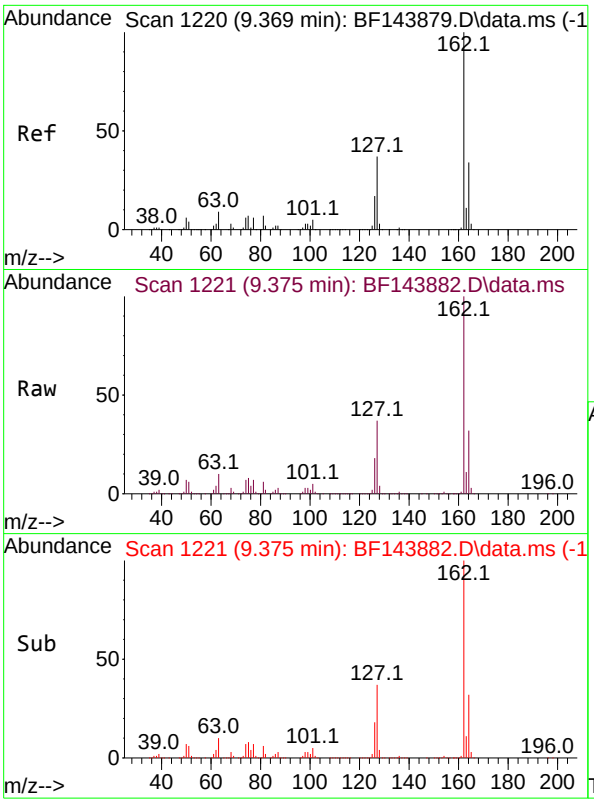
Tgt Ion:154 Resp: 1344805

Ion	Ratio	Lower	Upper
154	100		
153	40.0	18.4	58.4
76	13.5	0.0	34.0





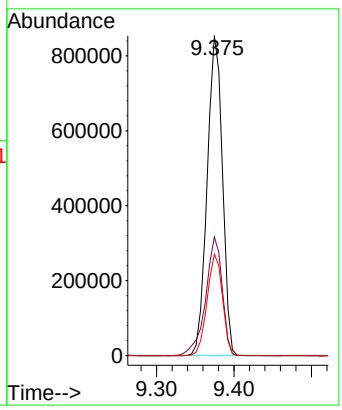




#47
2-Chloronaphthalene
Concen: 66.165 ng
RT: 9.375 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:162 Resp: 1170019

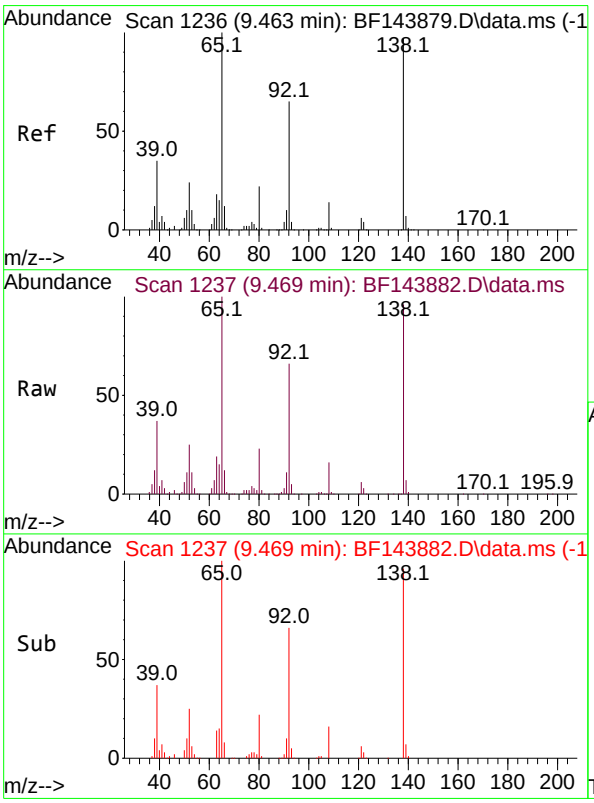
Ion	Ratio	Lower	Upper
162	100		
127	37.1	30.2	45.2
164	31.7	26.9	40.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

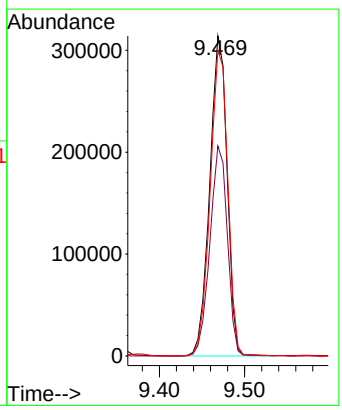
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

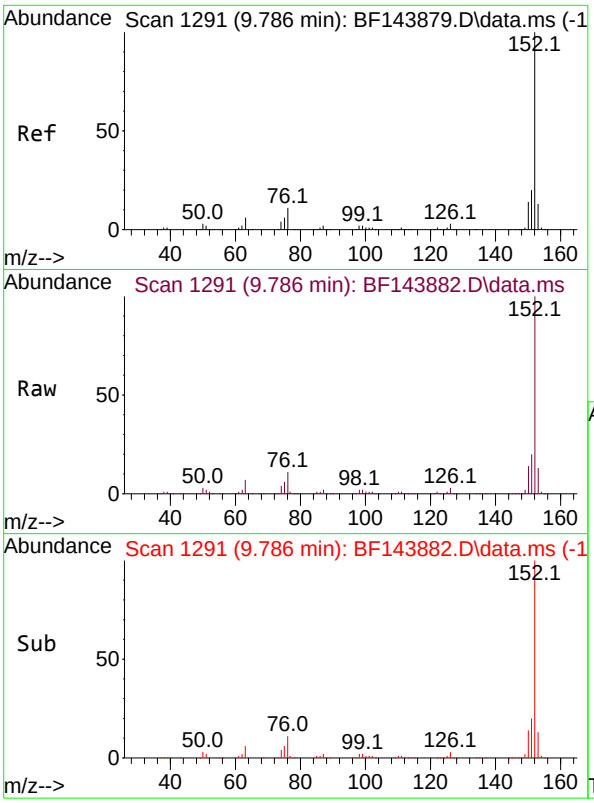


#48
2-Nitroaniline
Concen: 79.693 ng
RT: 9.469 min Scan# 1237
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

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

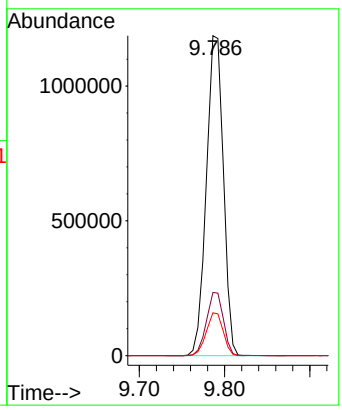




#49
Acenaphthylene
Concen: 66.159 ng
RT: 9.786 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:152 Resp: 164472

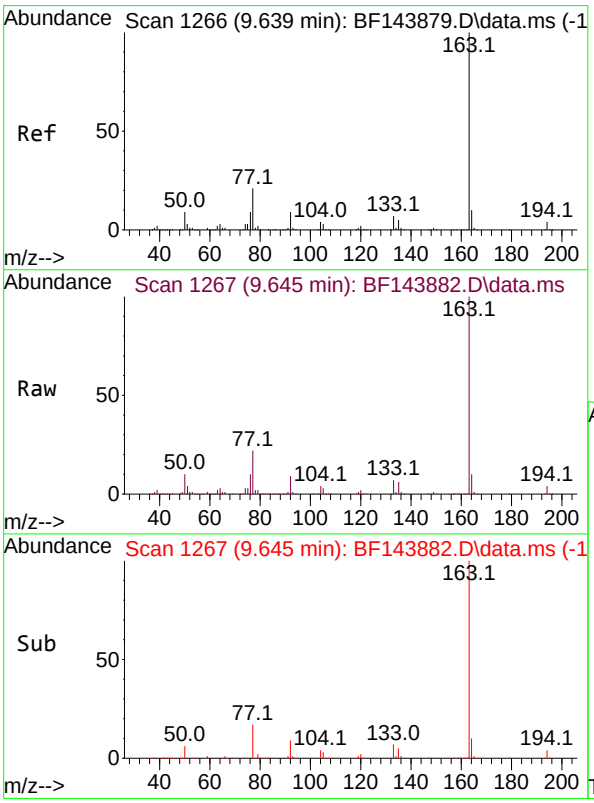
Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	13.4	10.5	15.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

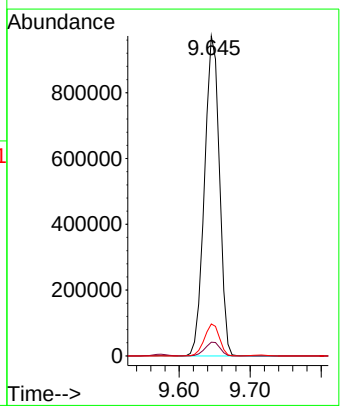
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

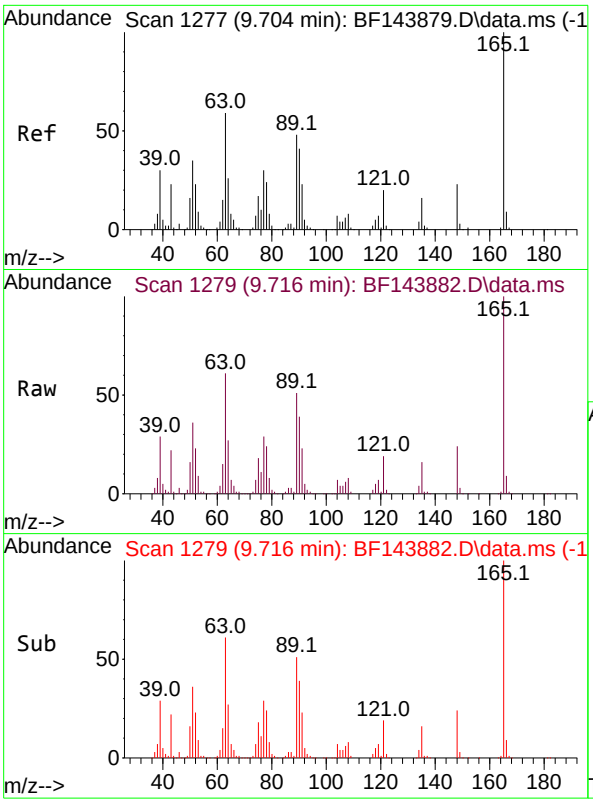


#50
Dimethylphthalate
Concen: 69.582 ng
RT: 9.645 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

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

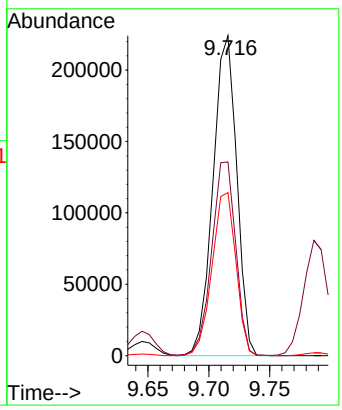
Tgt Ion:165 Resp: 30317

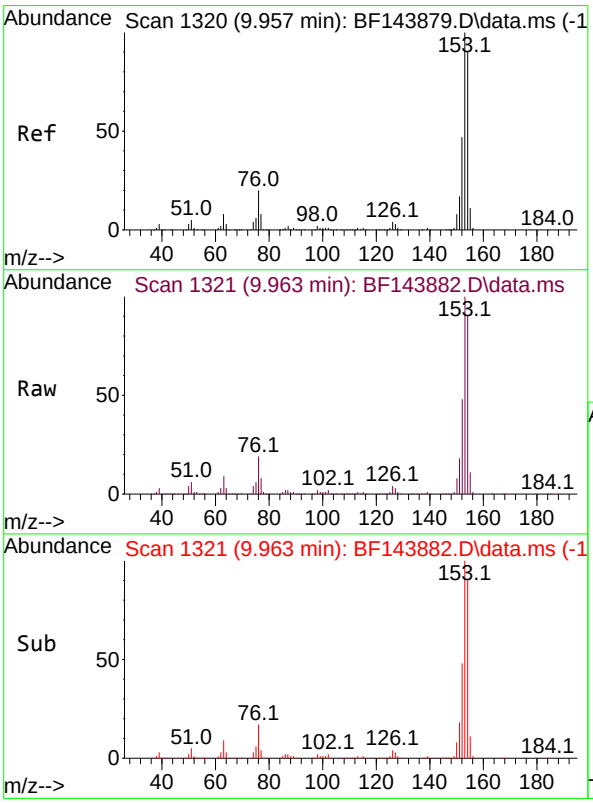
Ion	Ratio	Lower	Upper
165	100		
63	60.5	47.3	70.9
89	51.0	38.2	57.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

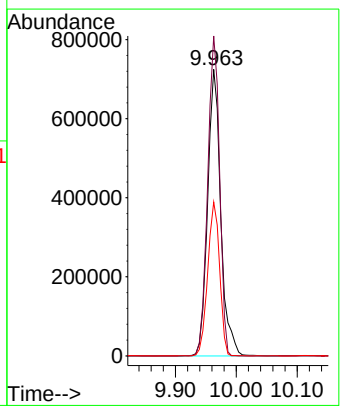


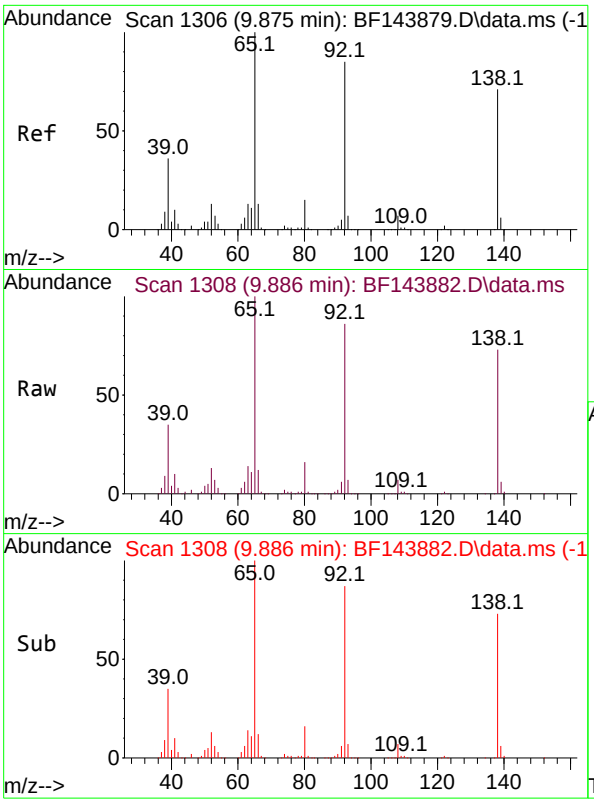


#52
Acenaphthene
Concen: 66.651 ng
RT: 9.963 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

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

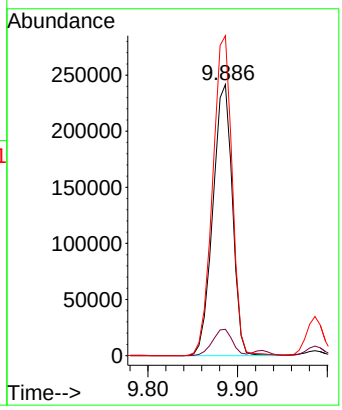
Tgt Ion:138 Resp: 365960

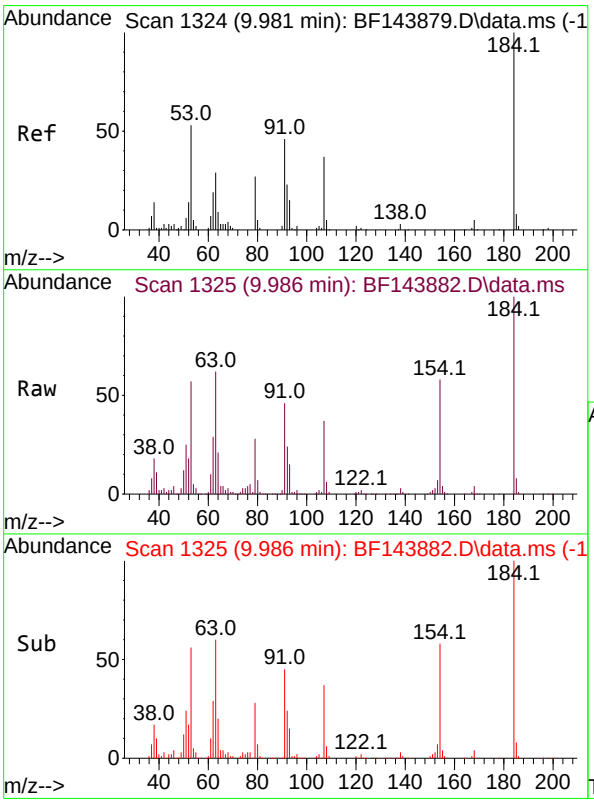
Ion	Ratio	Lower	Upper
138	100		
108	9.7	8.3	12.5
92	118.0	96.2	144.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

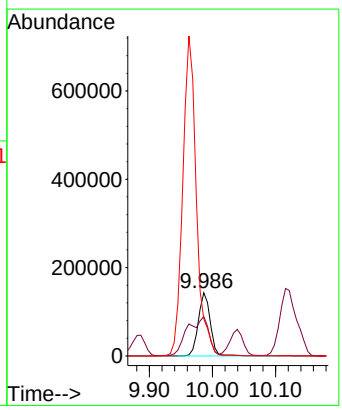


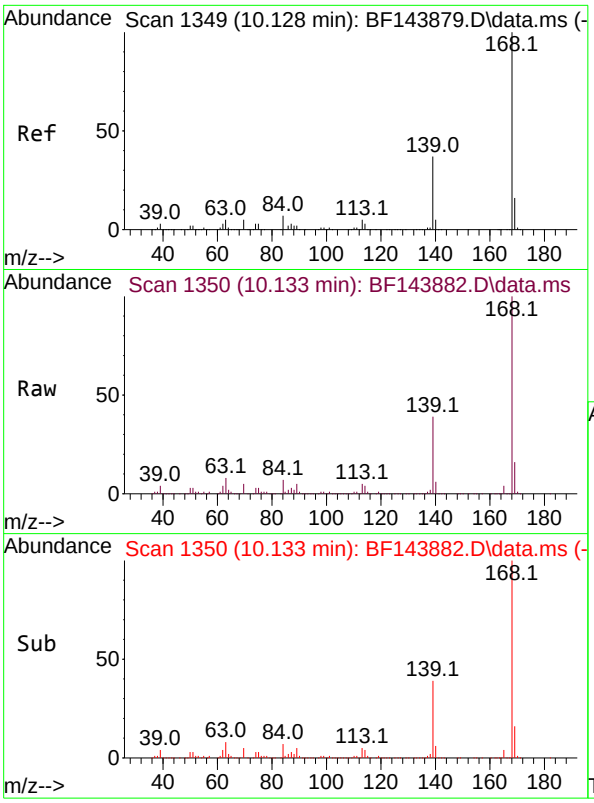


#54
2,4-Dinitrophenol
Concen: 80.556 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

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

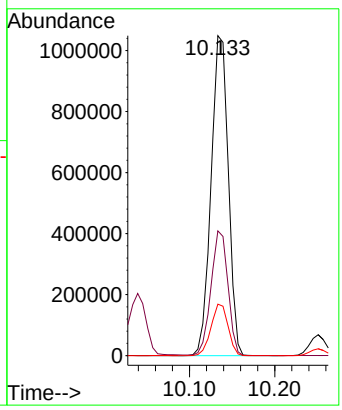




#55
Dibenzofuran
Concen: 63.998 ng
RT: 10.133 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:168 Resp: 147162

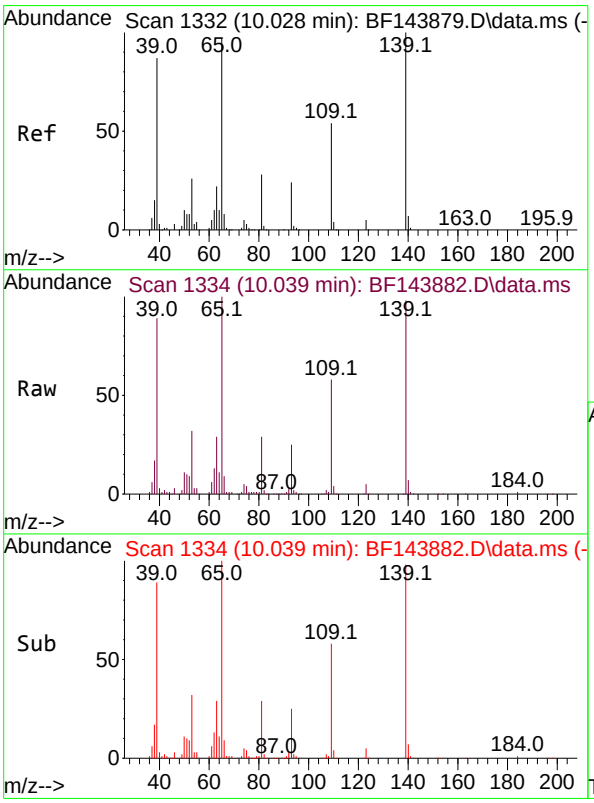
Ion	Ratio	Lower	Upper
168	100		
139	39.0	29.8	44.8
169	16.1	12.8	19.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

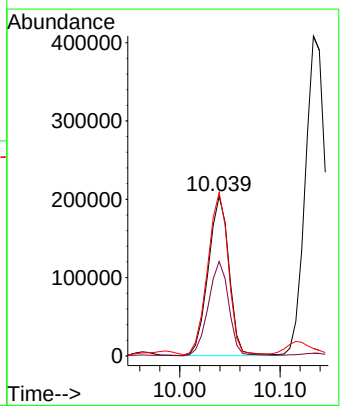
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

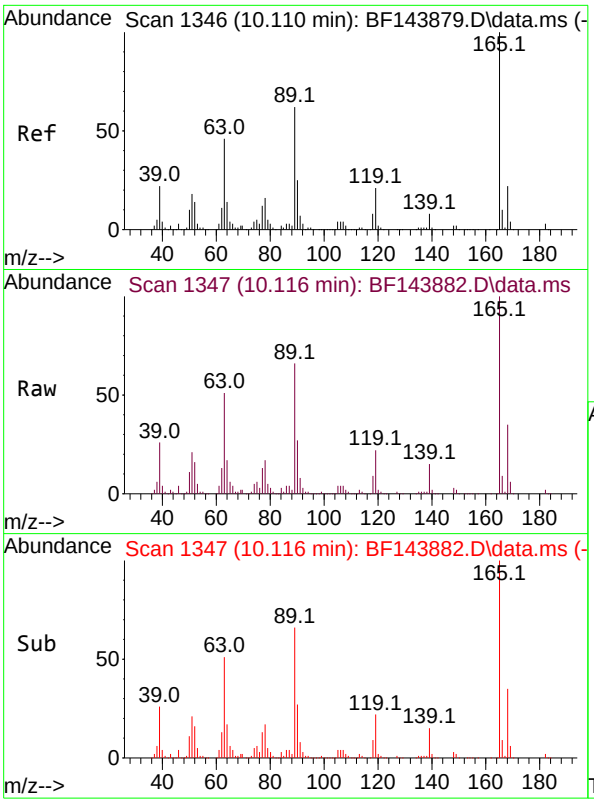


#56
4-Nitrophenol
Concen: 84.335 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

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

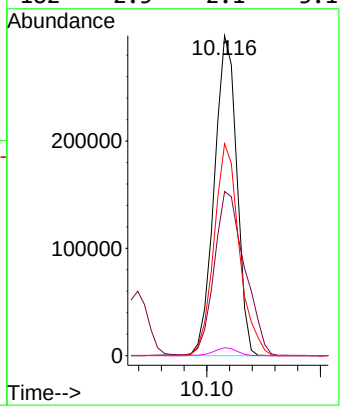




#57
2,4-Dinitrotoluene
Concen: 79.779 ng
RT: 10.116 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:165 Resp: 40946

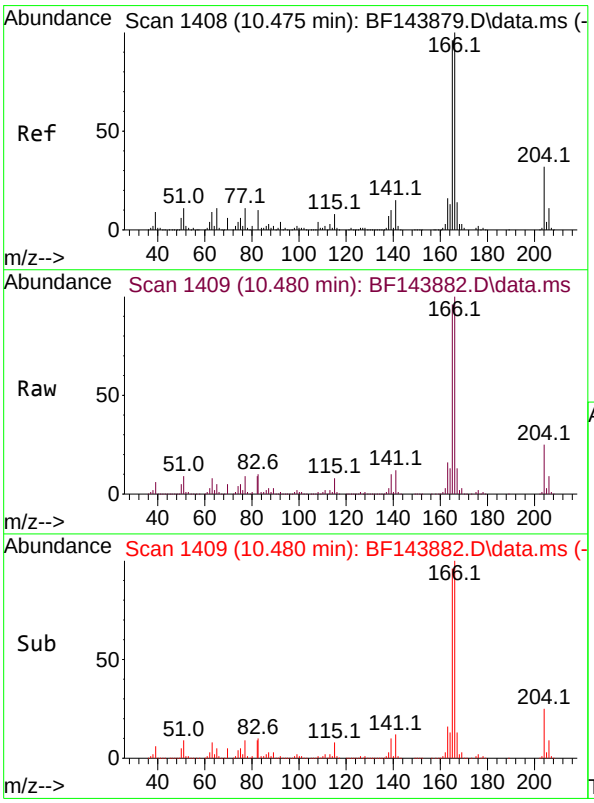
Ion	Ratio	Lower	Upper
165	100		
63	51.3	37.2	55.8
89	66.2	49.4	74.2
182	2.5	2.1	3.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

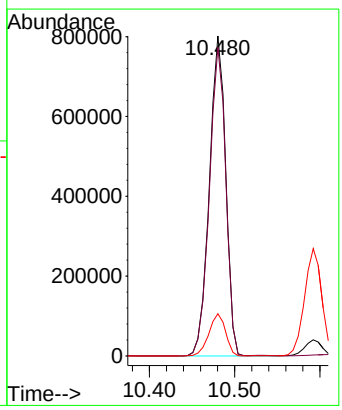
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

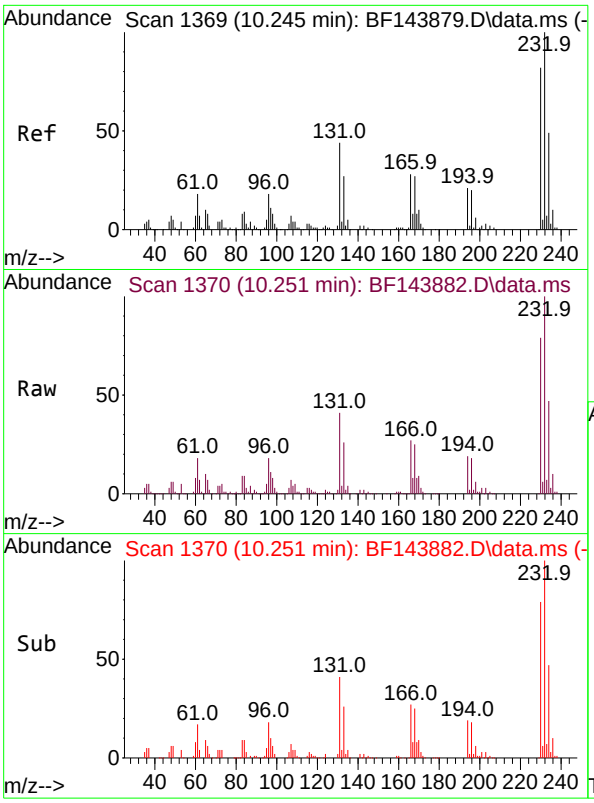


#58
Fluorene
Concen: 61.654 ng
RT: 10.480 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

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

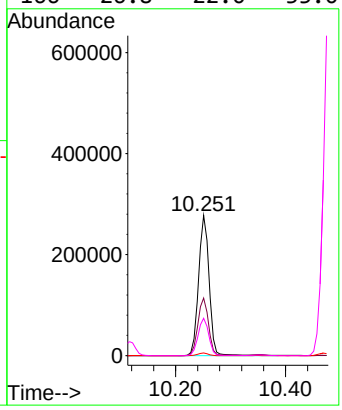




#59
2,3,4,6-Tetrachlorophenol
Concen: 76.170 ng
RT: 10.251 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:232 Resp: 36859

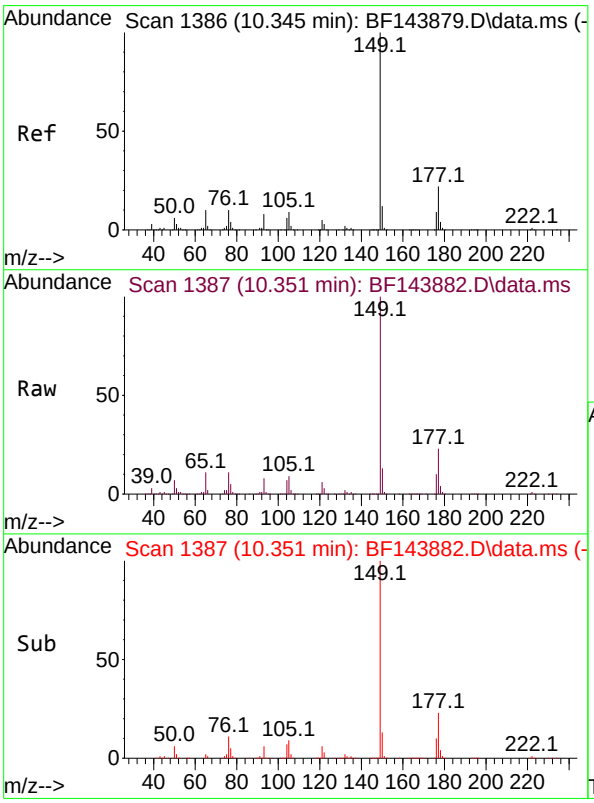
Ion	Ratio	Lower	Upper
232	100		
131	41.5	34.9	52.3
130	1.8	1.6	2.4
166	26.8	22.0	33.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

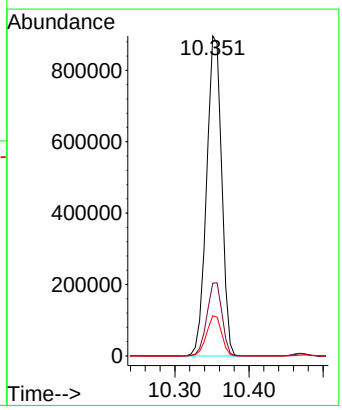
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

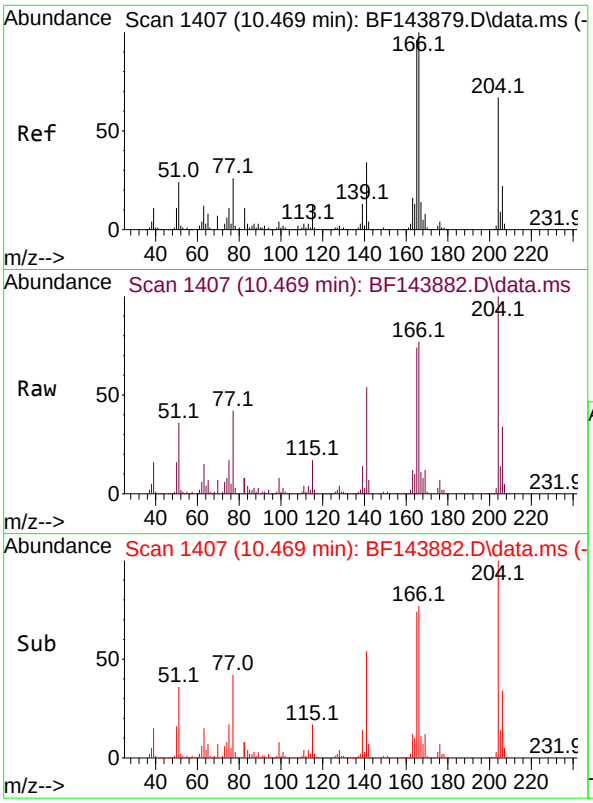


#60
Diethylphthalate
Concen: 67.047 ng
RT: 10.351 min Scan# 1387
Delta R.T. -0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

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

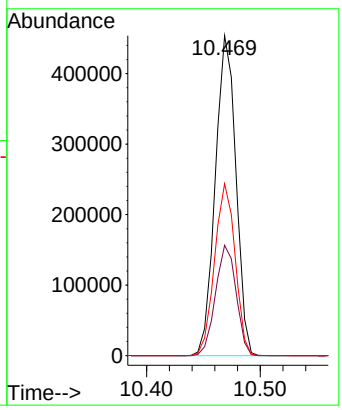




#61
4-Chlorophenyl-phenylether
Concen: 62.357 ng
RT: 10.469 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:204 Resp: 57203

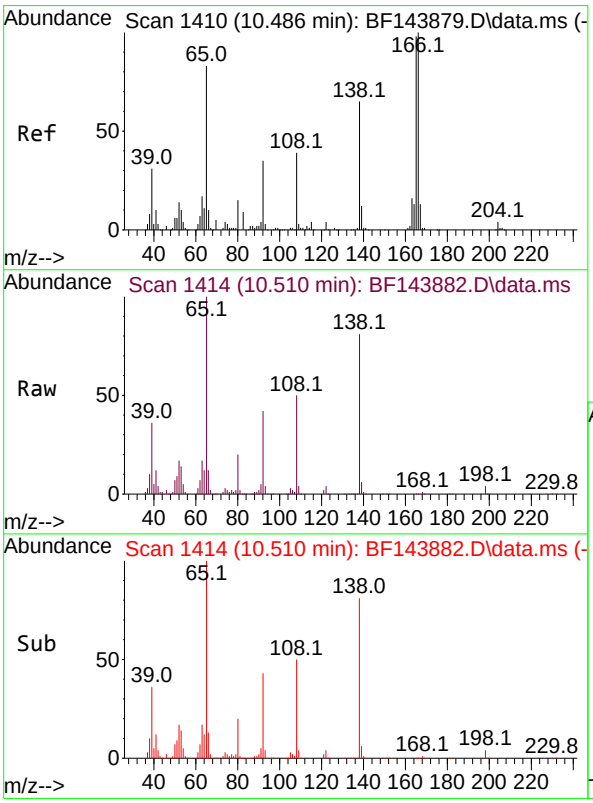
Ion	Ratio	Lower	Upper
204	100		
206	34.5	26.6	40.0
141	53.7	40.4	60.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

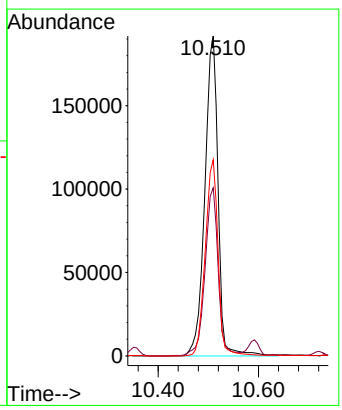
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

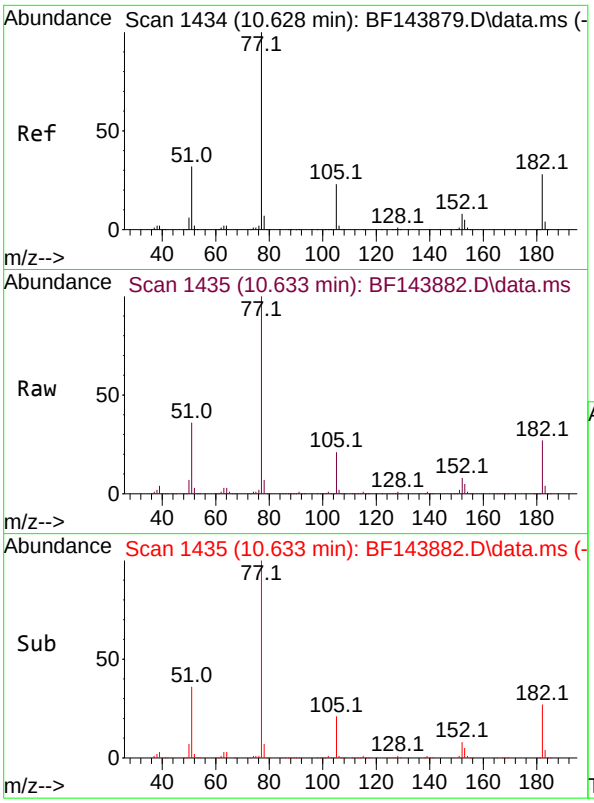


#62
4-Nitroaniline
Concen: 79.169 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

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

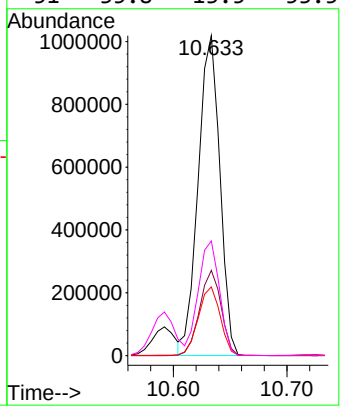




#63
Azobenzene
Concen: 68.446 ng
RT: 10.633 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion: 77 Resp: 135192

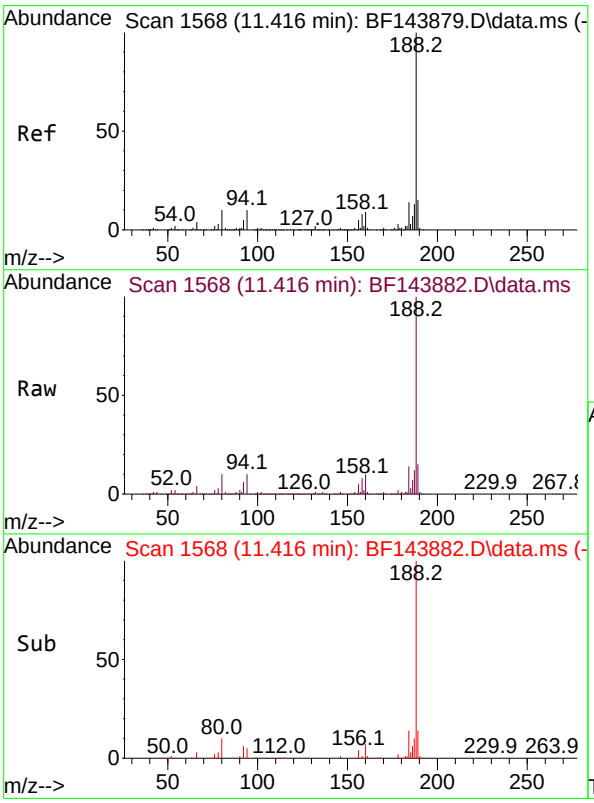
Ion	Ratio	Lower	Upper
77	100		
182	26.7	7.3	47.3
105	21.5	3.0	43.0
51	35.8	13.5	53.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

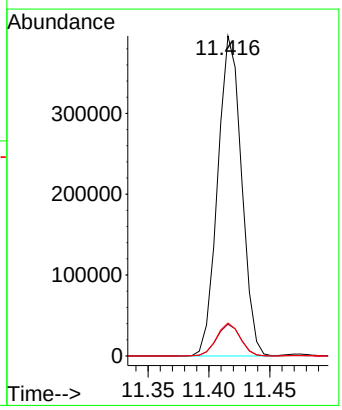
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

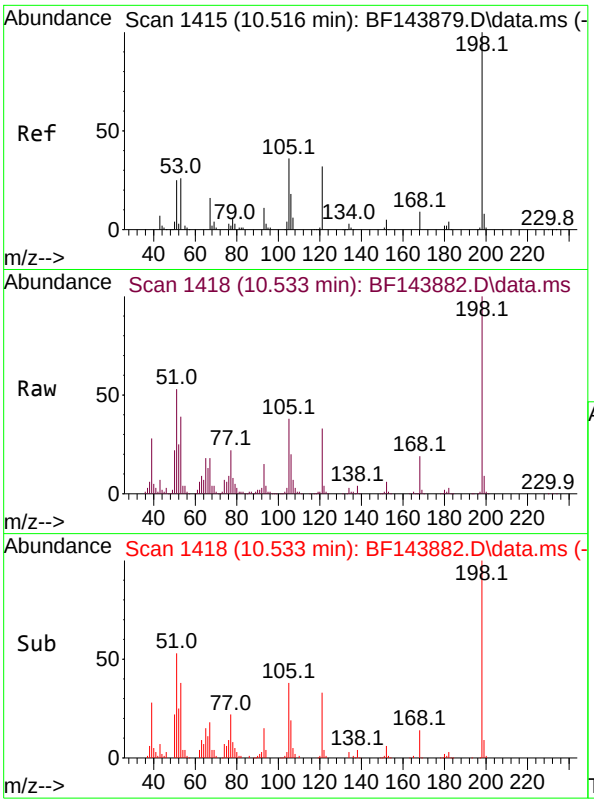


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

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

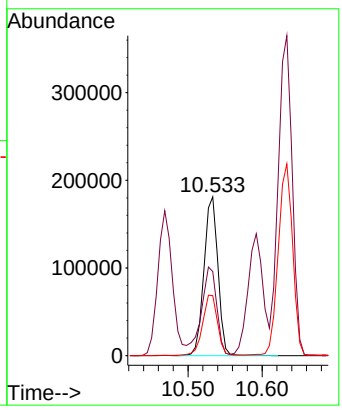
Tgt Ion:198 Resp: 23686

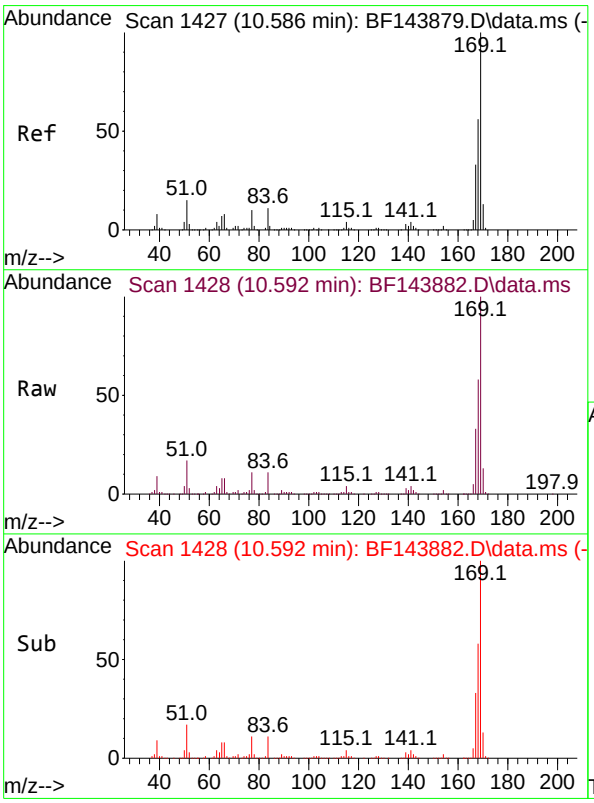
Ion	Ratio	Lower	Upper
198	100		
51	53.0	33.8	73.8
105	37.7	17.0	57.0

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

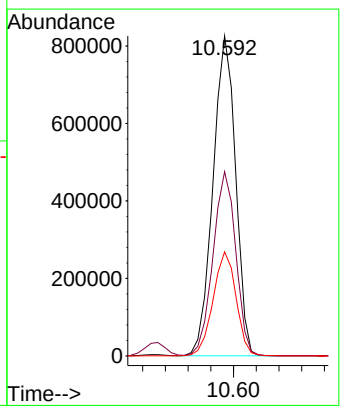


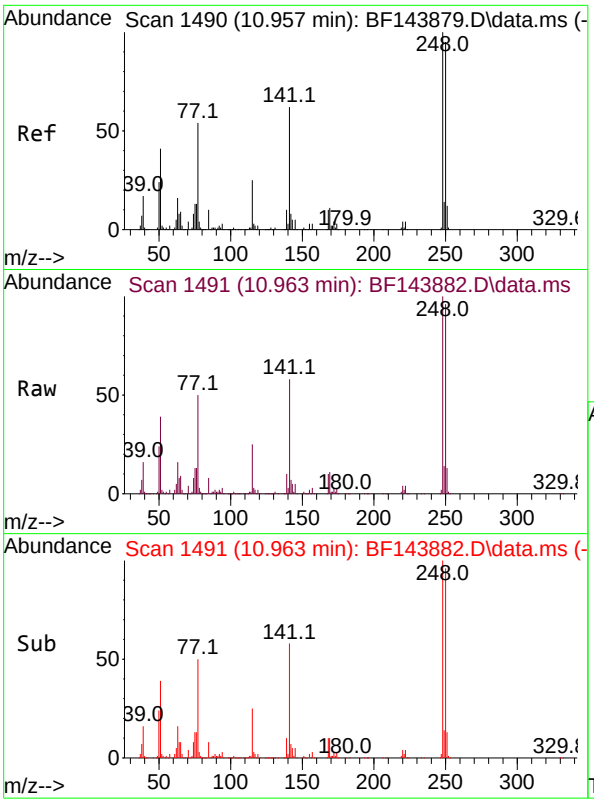


#66
n-Nitrosodiphenylamine
Concen: 67.159 ng
RT: 10.592 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

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

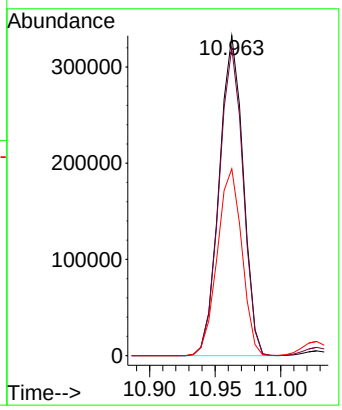




#67
4-Bromophenyl-phenylether
Concen: 70.857 ng
RT: 10.963 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:248 Resp: 42314

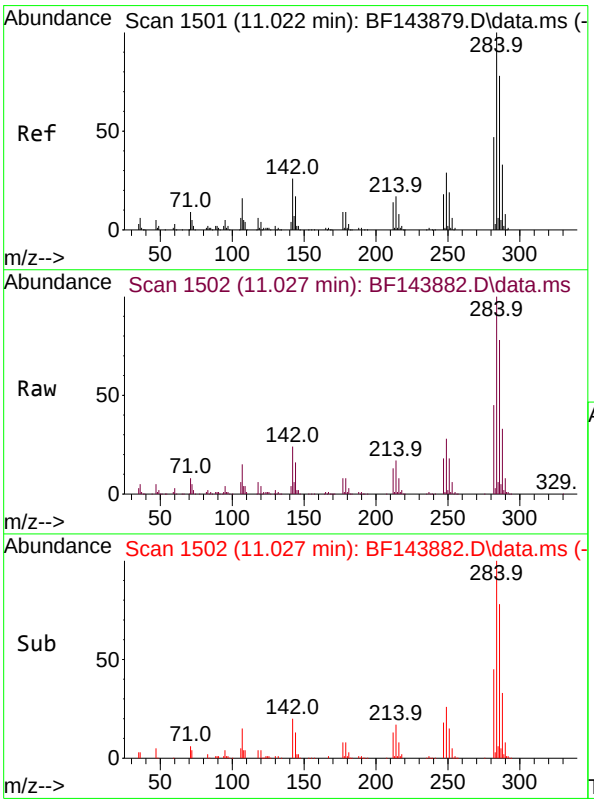
Ion	Ratio	Lower	Upper
248	100		
250	96.2	76.3	114.5
141	58.4	49.7	74.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

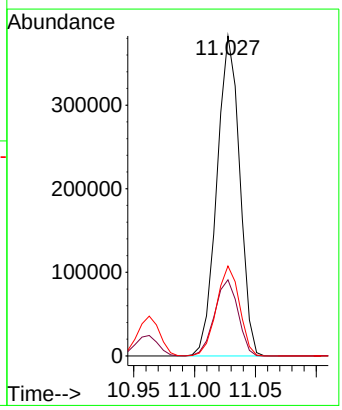
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

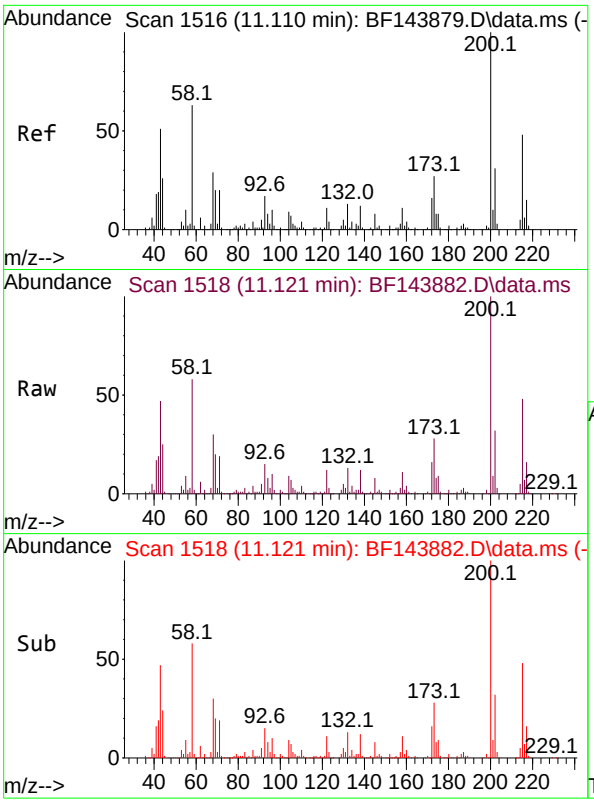


#68
Hexachlorobenzene
Concen: 72.118 ng
RT: 11.027 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

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

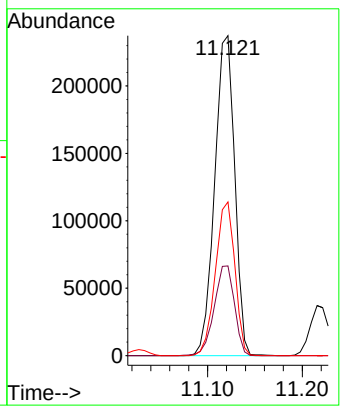




#69
Atrazine
Concen: 67.621 ng
RT: 11.121 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:200 Resp: 34774

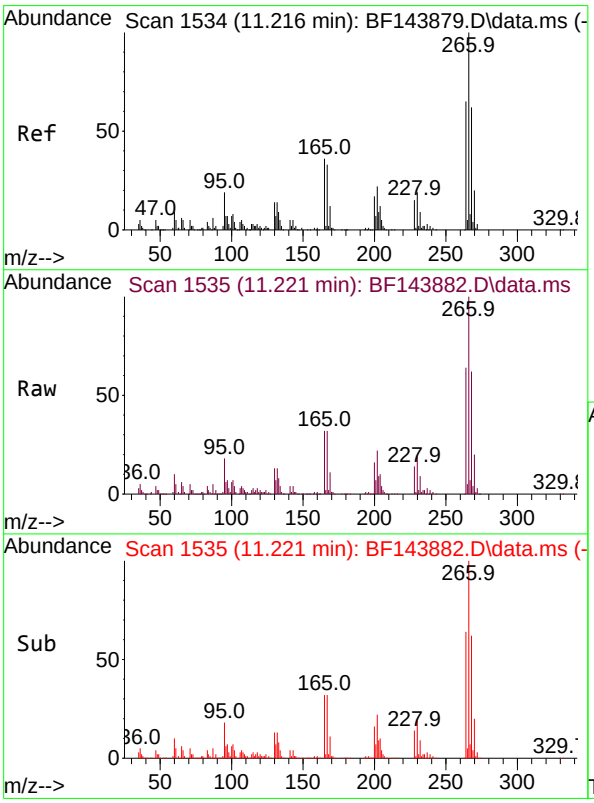
Ion	Ratio	Lower	Upper
200	100		
173	28.0	7.0	47.0
215	48.0	27.8	67.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

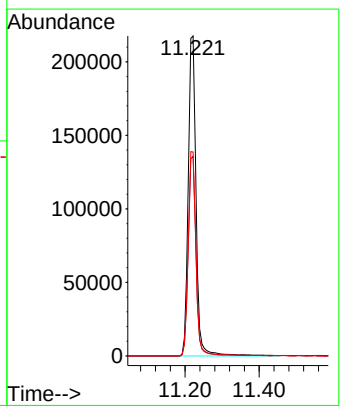
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

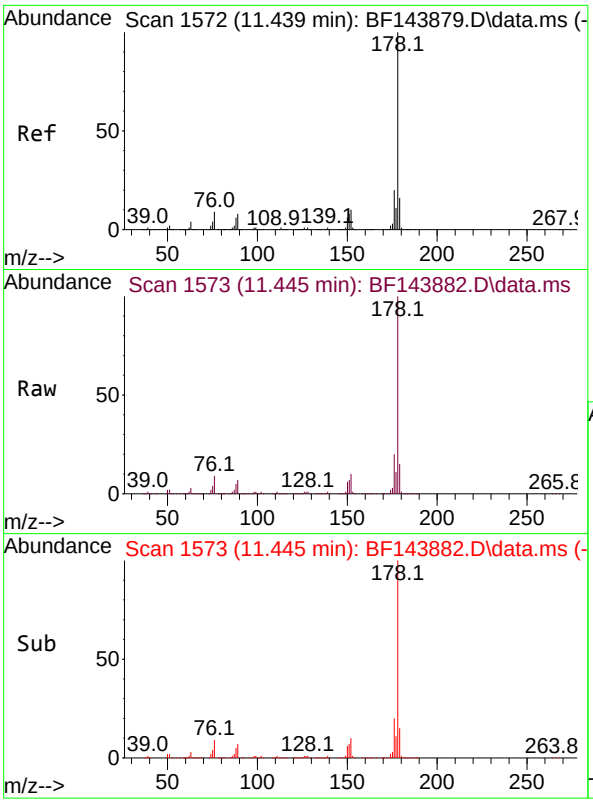


#70
Pentachlorophenol
Concen: 80.208 ng
RT: 11.221 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

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

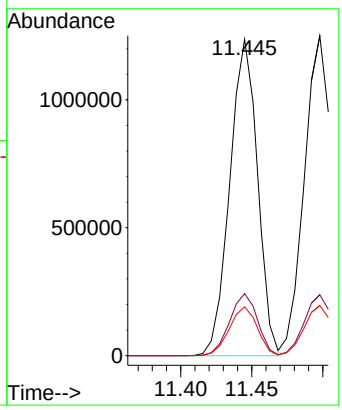




#71
Phenanthrene
Concen: 63.980 ng
RT: 11.445 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:178 Resp: 167608

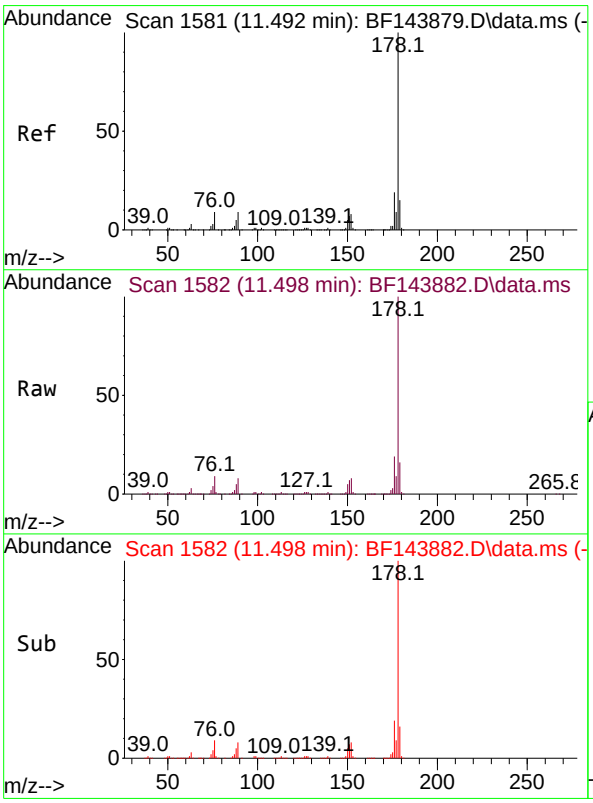
Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	15.4	12.4	18.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

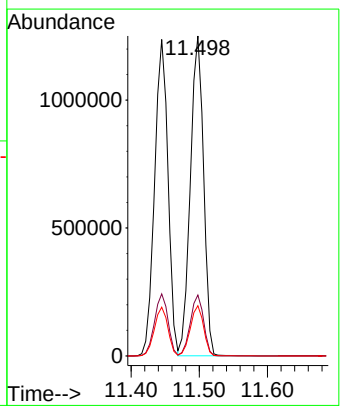
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

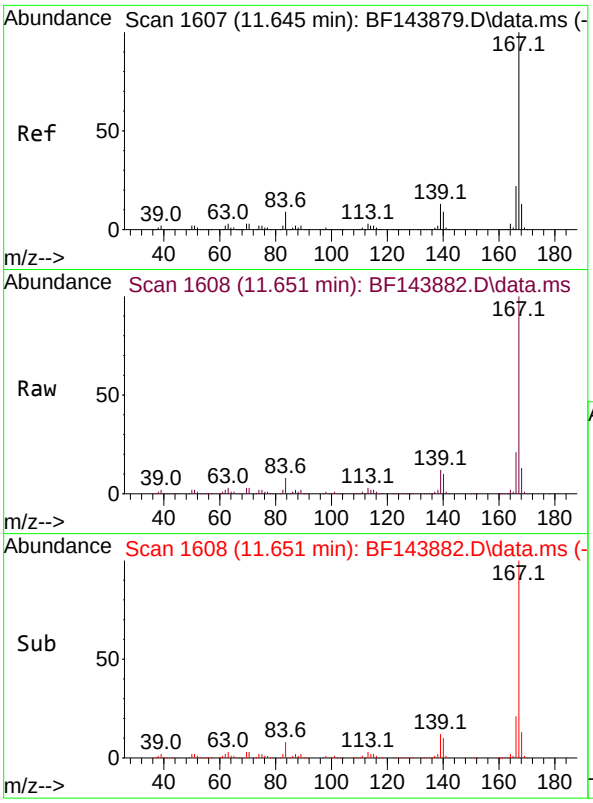


#72
Anthracene
Concen: 63.814 ng
RT: 11.498 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

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

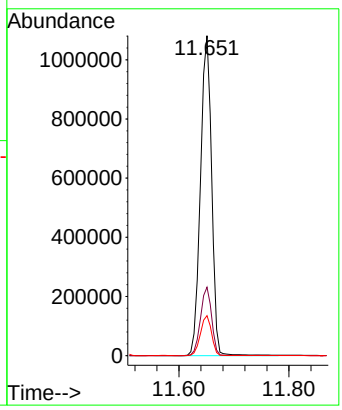




#73
Carbazole
Concen: 64.832 ng
RT: 11.651 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:167 Resp: 151961

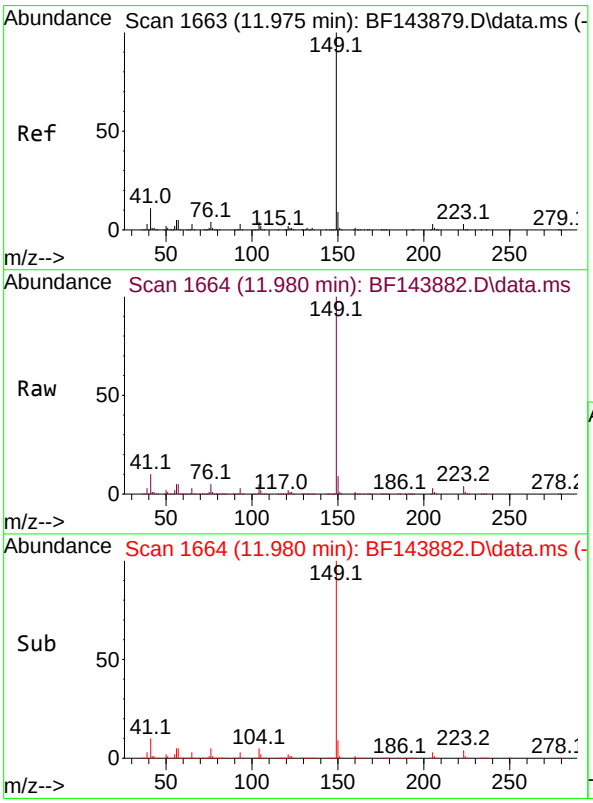
Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.2	25.8
139	12.5	10.1	15.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

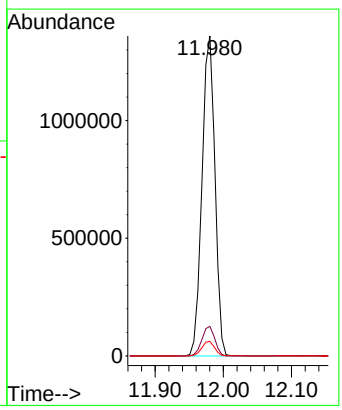
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

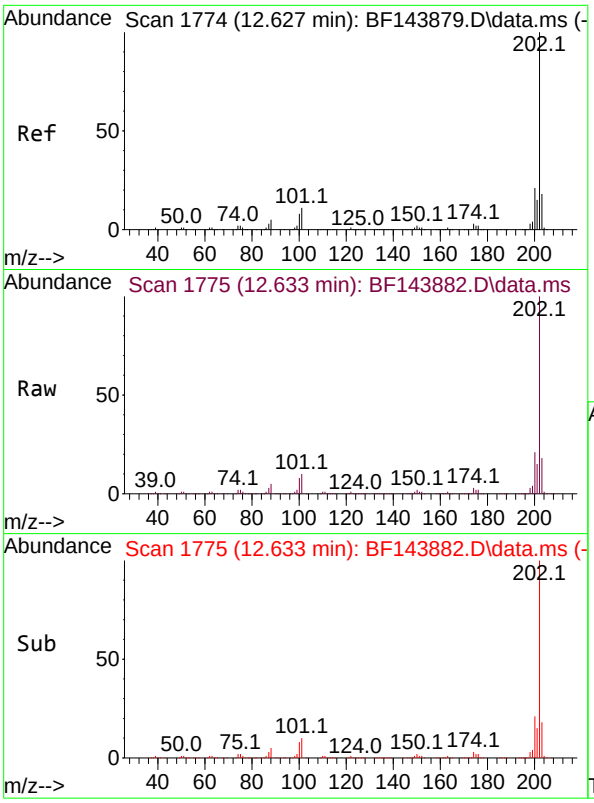


#74
Di-n-butylphthalate
Concen: 66.034 ng
RT: 11.980 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

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

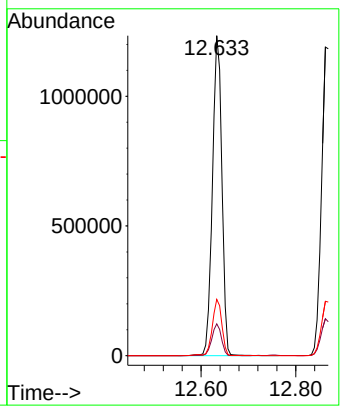




#75
Fluoranthene
Concen: 63.059 ng
RT: 12.633 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:202 Resp: 170636

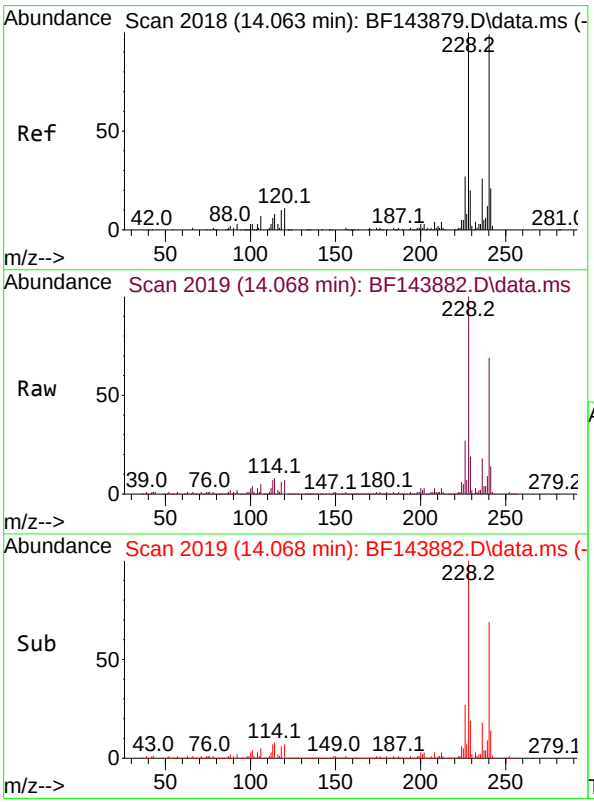
Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	30.7
203	17.6	0.0	37.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

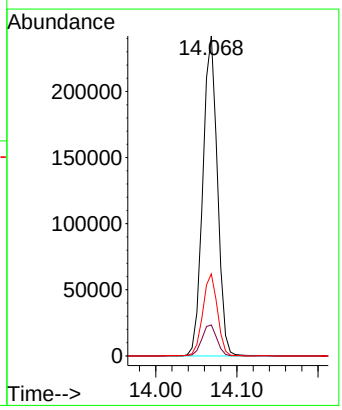
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

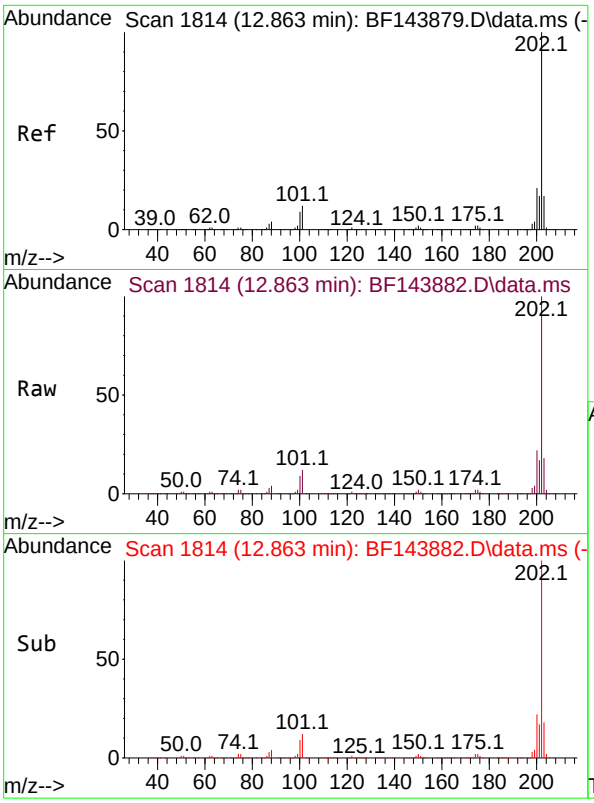


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

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

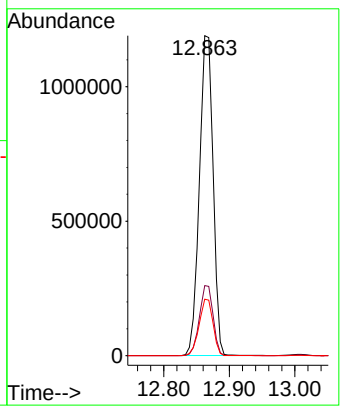




#78
Pyrene
Concen: 68.126 ng
RT: 12.863 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:202 Resp: 171808

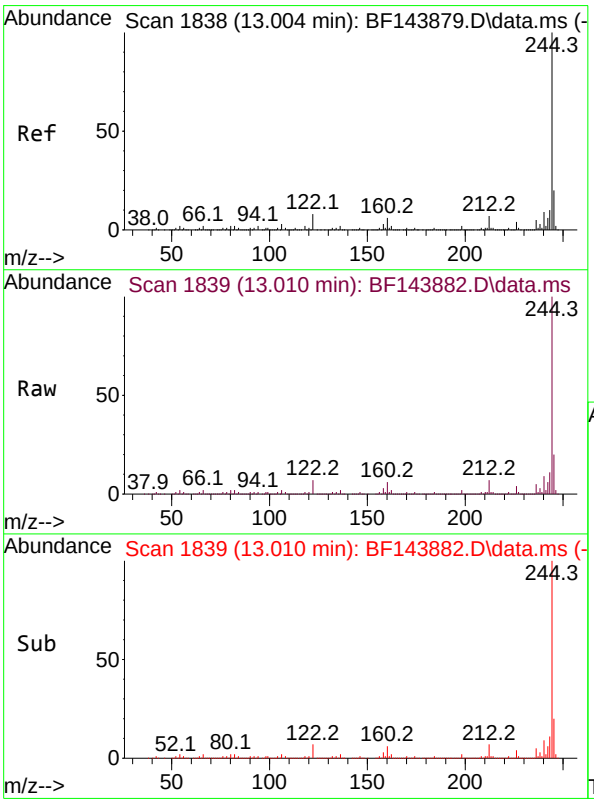
Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.0	25.6
203	17.6	13.8	20.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

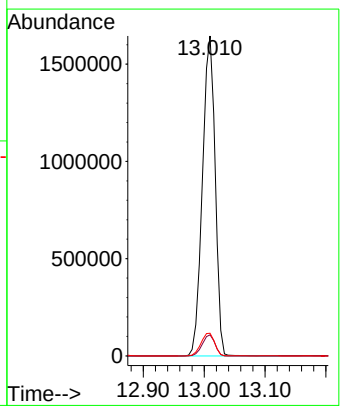
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

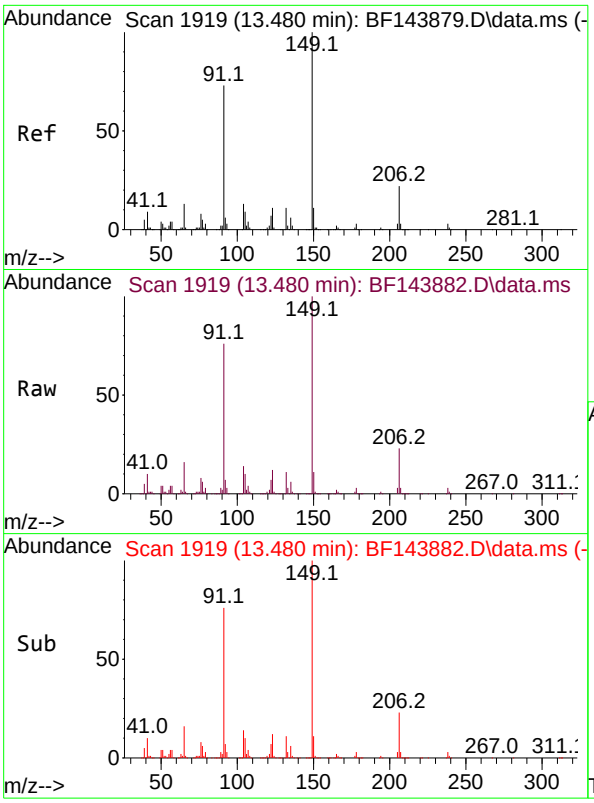


#79
Terphenyl-d14
Concen: 134.604 ng
RT: 13.010 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

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

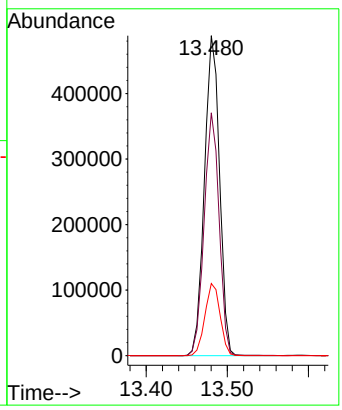




#80
Butylbenzylphthalate
Concen: 77.349 ng
RT: 13.480 min Scan# 19
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:149 Resp: 63351

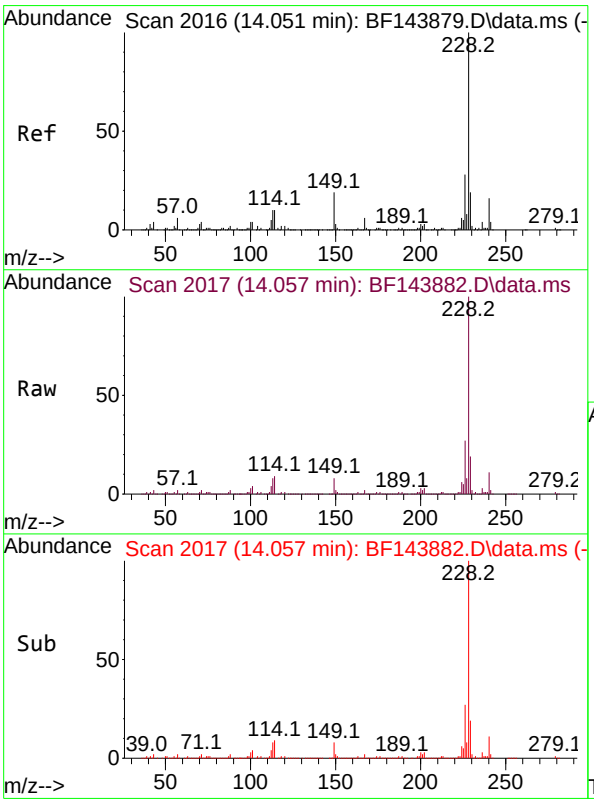
Ion	Ratio	Lower	Upper
149	100		
91	75.9	58.2	87.2
206	22.5	17.9	26.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

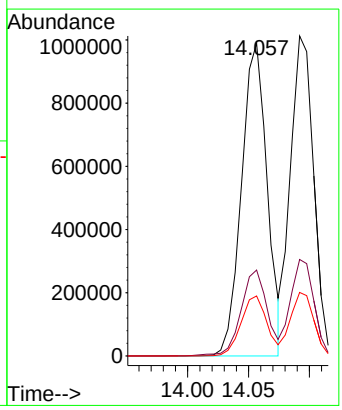
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

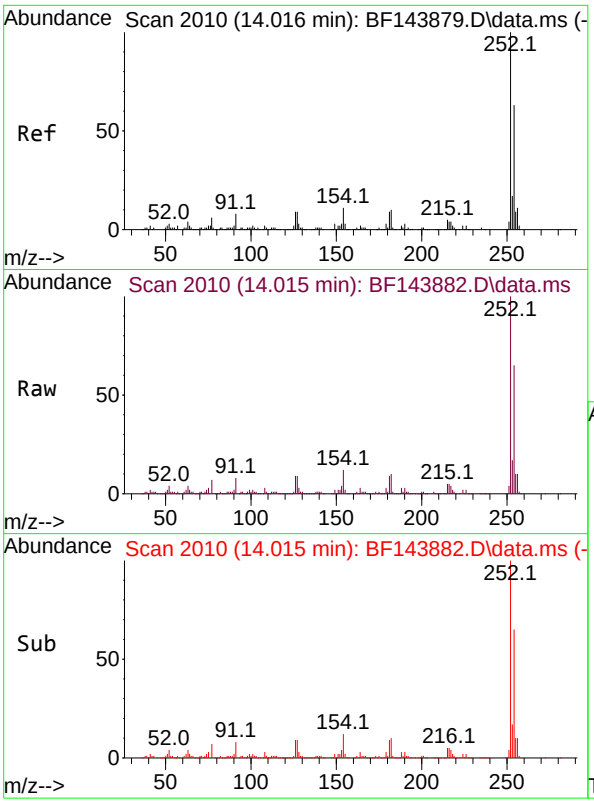


#81
Benzo(a)anthracene
Concen: 73.238 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

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

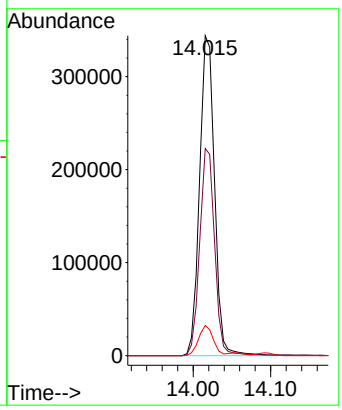




#82
3,3'-Dichlorobenzidine
Concen: 76.476 ng
RT: 14.015 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:252 Resp: 461359

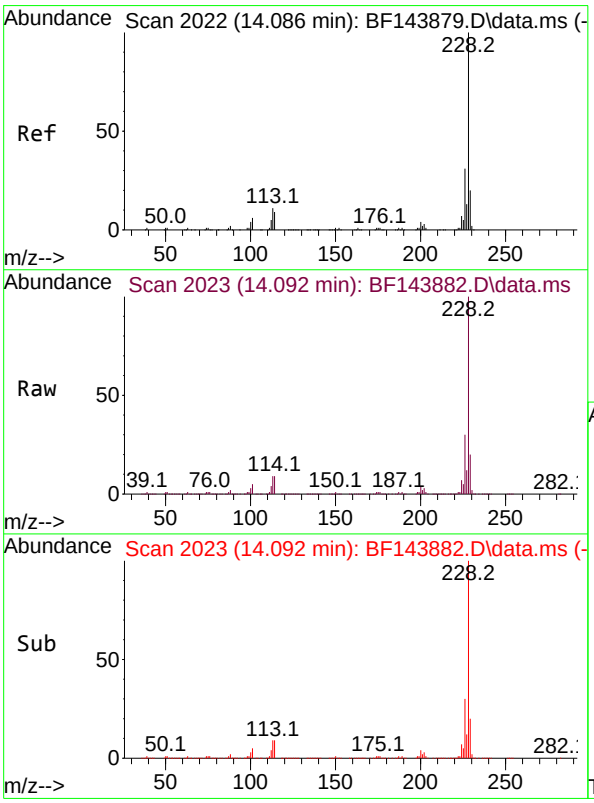
Ion	Ratio	Lower	Upper
252	100		
254	64.7	50.6	76.0
126	9.4	7.0	10.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

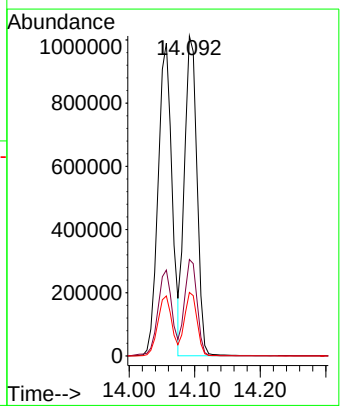
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

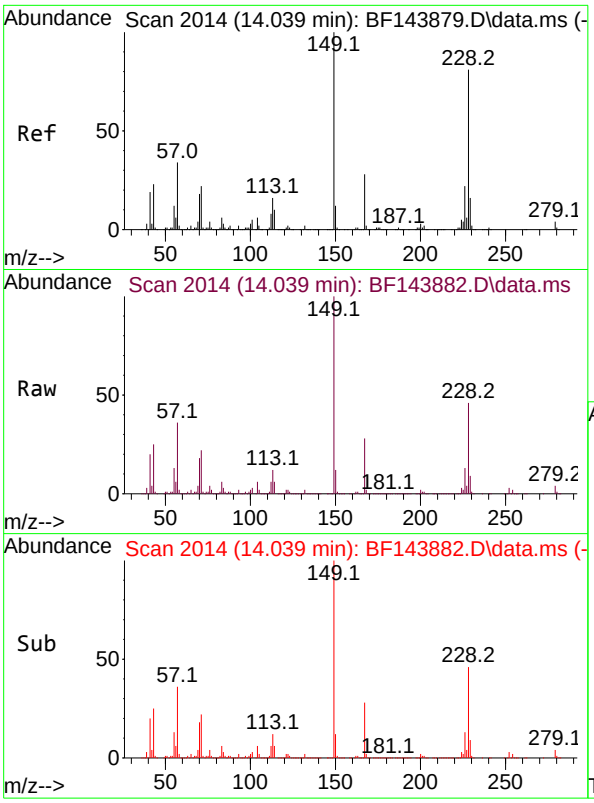


#83
Chrysene
Concen: 73.645 ng
RT: 14.092 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

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# 2
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

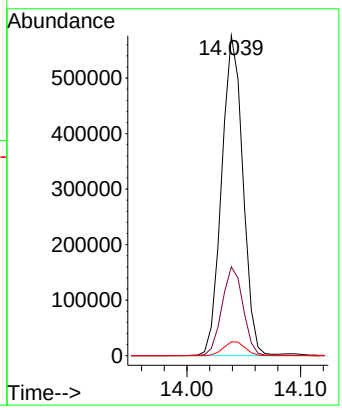
Tgt Ion:149 Resp: 74932

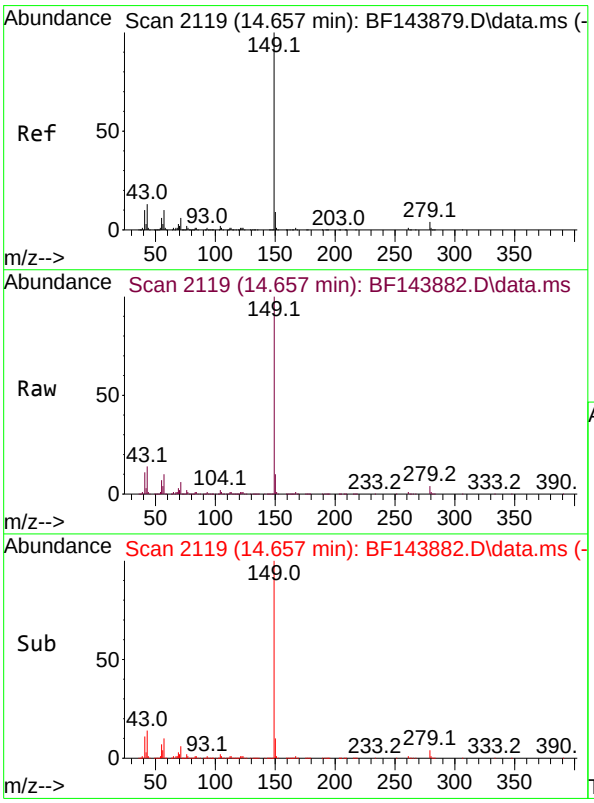
Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.2	33.4
279	4.3	3.1	4.7

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

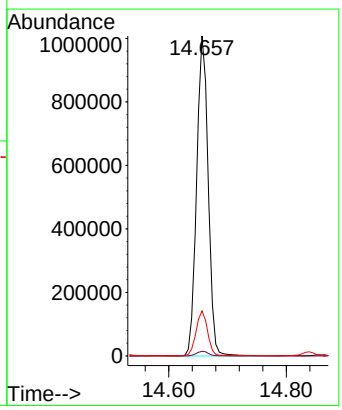


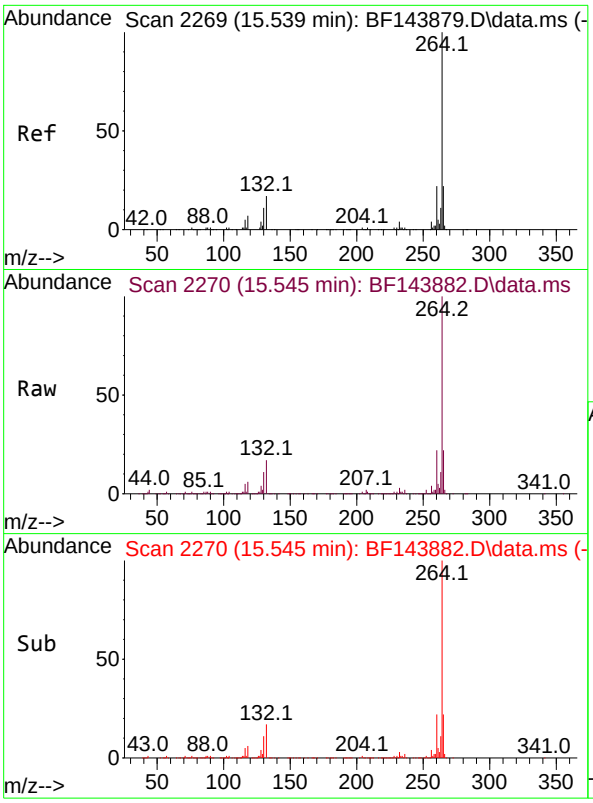


#85
Di-n-octyl phthalate
Concen: 84.532 ng
RT: 14.657 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

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

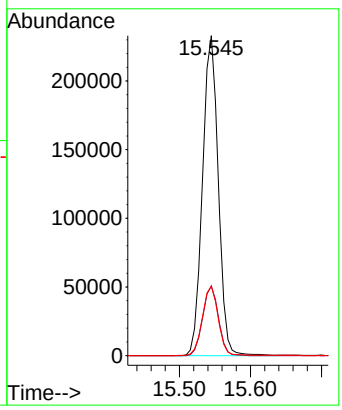




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:264 Resp: 35791

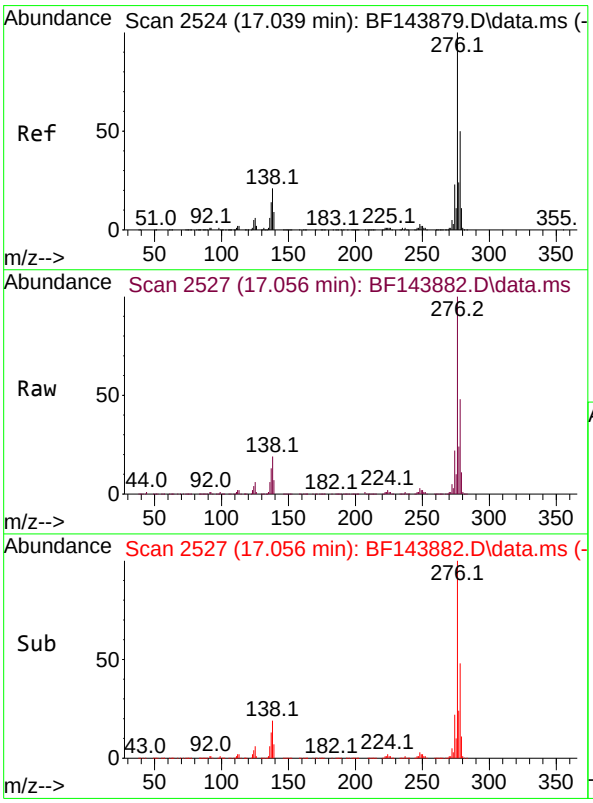
Ion	Ratio	Lower	Upper
264	100		
260	21.8	17.8	26.8
265	21.7	17.5	26.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

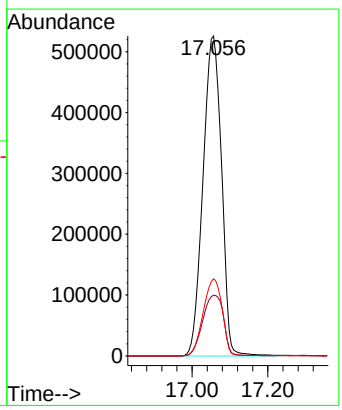
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

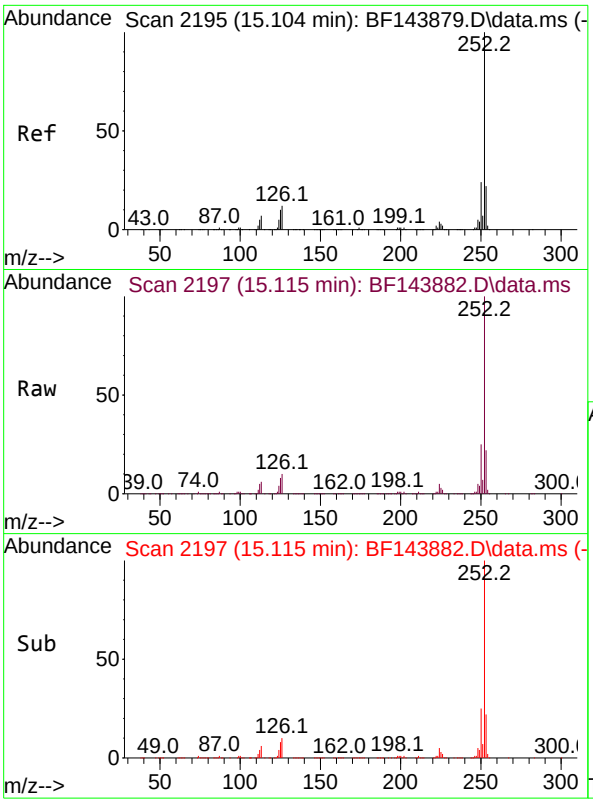


#87
Indeno(1,2,3-cd)pyrene
Concen: 81.478 ng
RT: 17.056 min Scan# 2527
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

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# 21
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

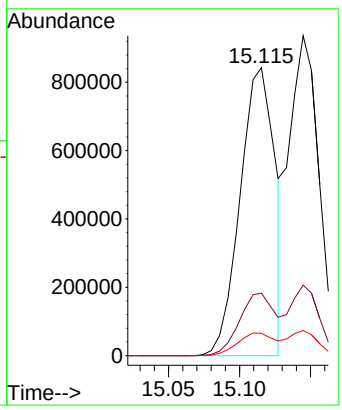
Tgt Ion:252 Resp: 143187

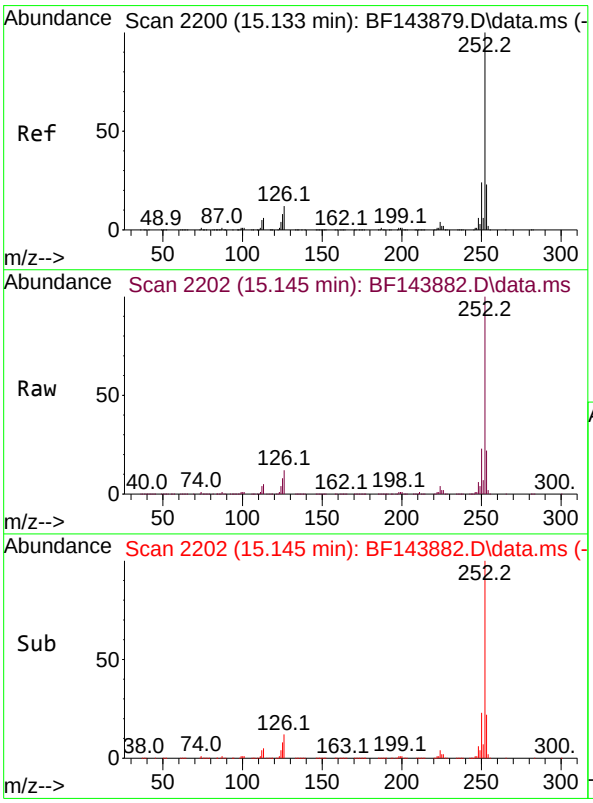
Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	7.8	7.8	11.6

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

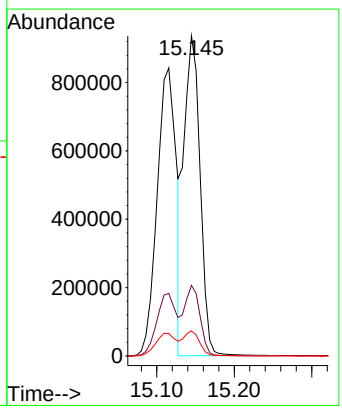


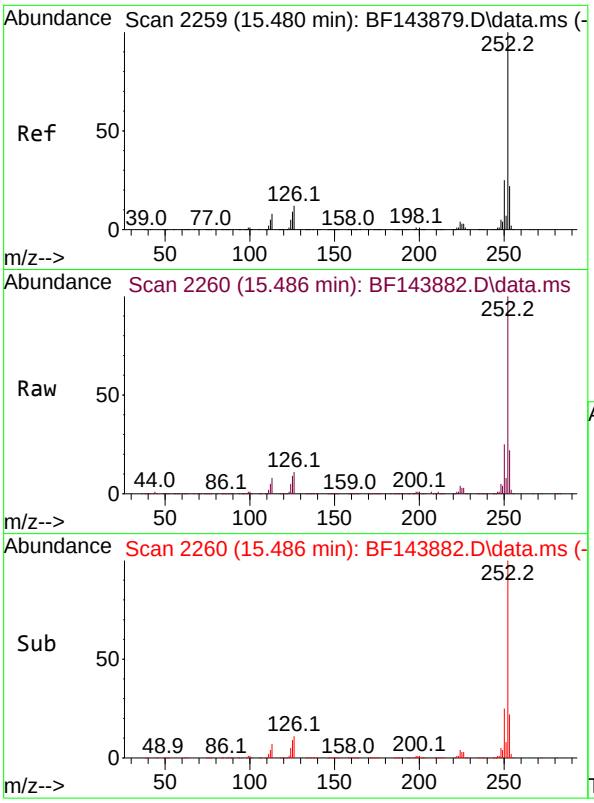


#89
Benzo(k)fluoranthene
Concen: 71.595 ng
RT: 15.145 min Scan# 2202
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

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

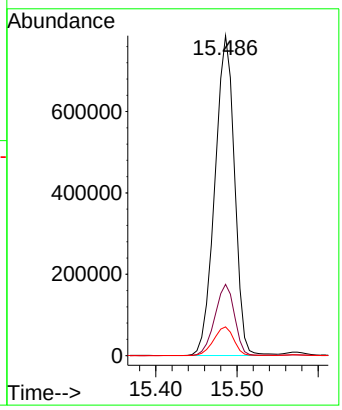




#90
Benzo(a)pyrene
Concen: 74.151 ng
RT: 15.486 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:252 Resp: 132189

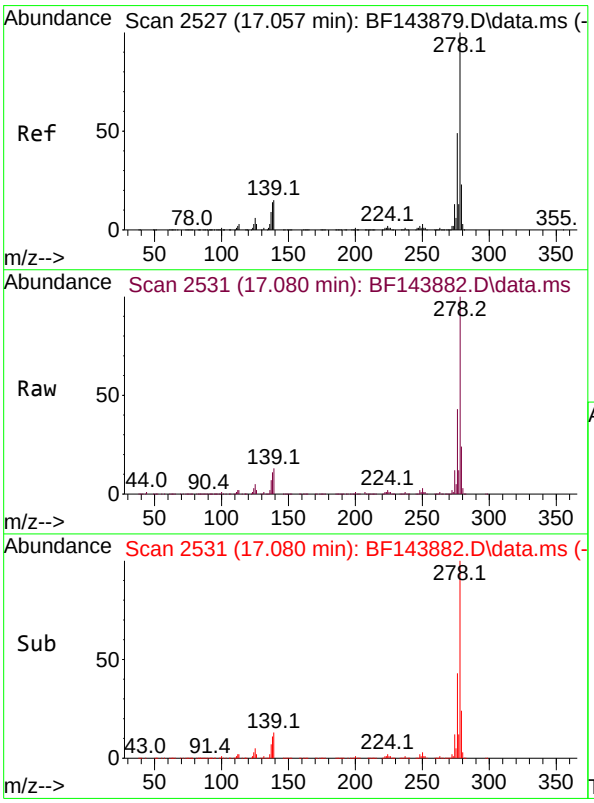
Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.3	25.9
125	9.0	7.0	10.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

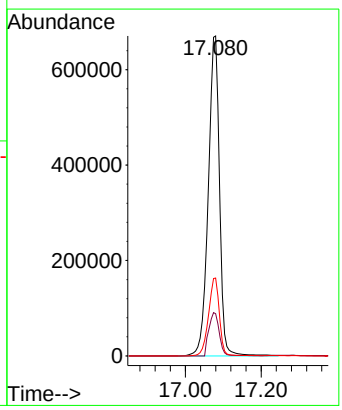
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

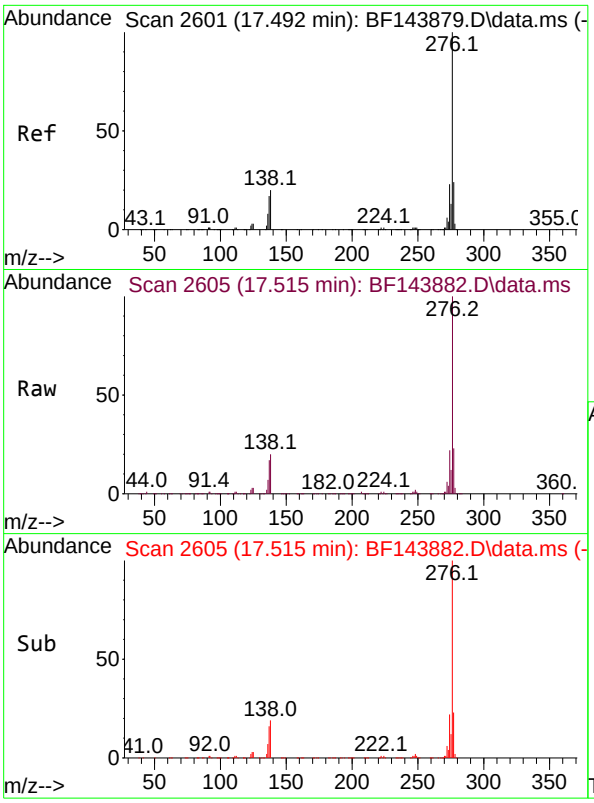


#91
Dibenzo(a,h)anthracene
Concen: 78.895 ng
RT: 17.080 min Scan# 2531
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

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

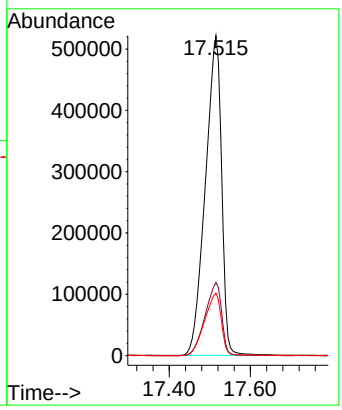




#92
Benzo(g,h,i)perylene
Concen: 82.305 ng
RT: 17.515 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:276 Resp: 145172

Ion	Ratio	Lower	Upper
276	100		
277	22.8	19.0	28.6
138	19.5	16.1	24.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

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

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

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	383770m	37.501	ng	
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

ICAL Form

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

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

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

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

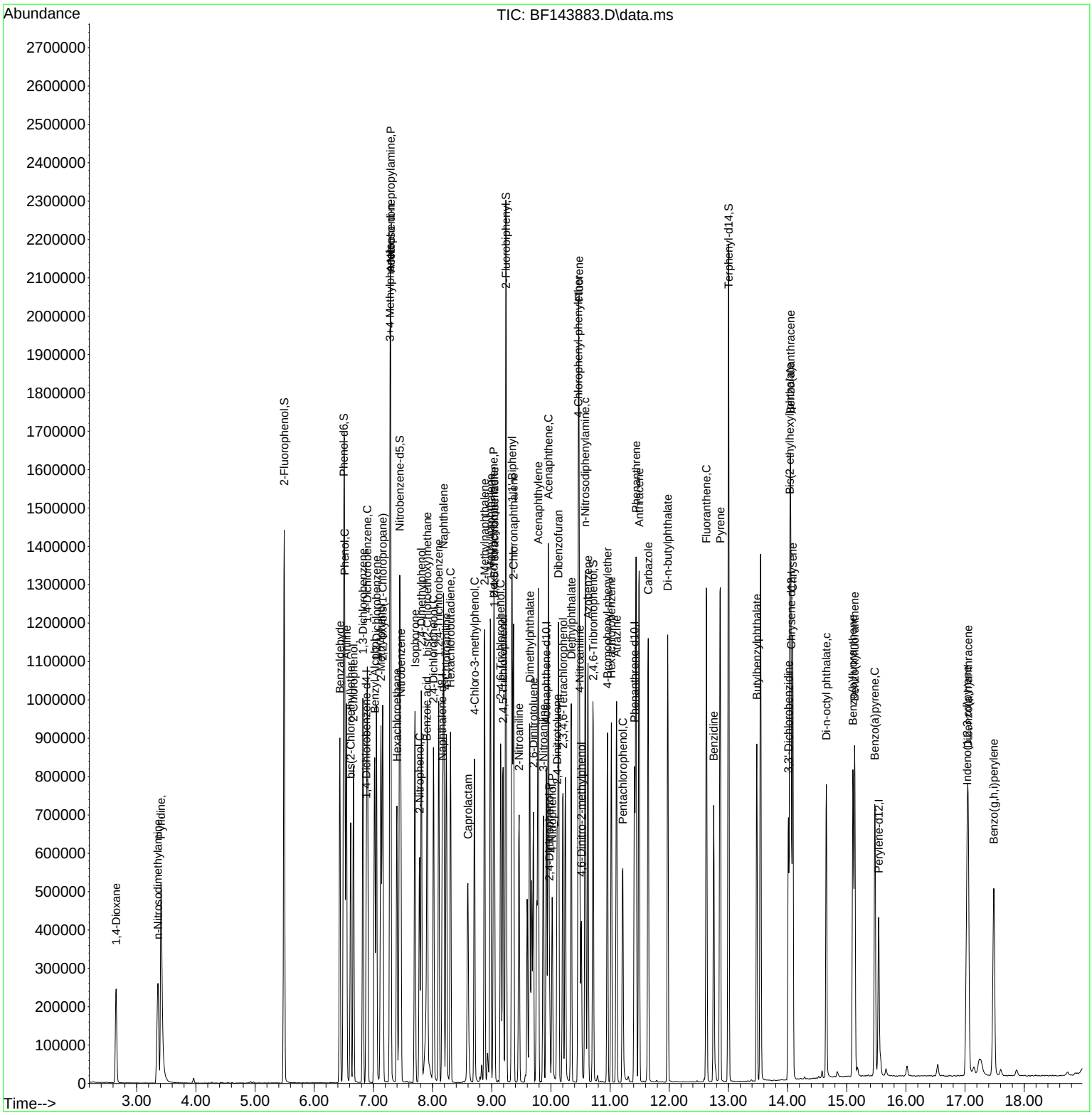
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143883.D
Acq On : 06 Oct 2025 16:08
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

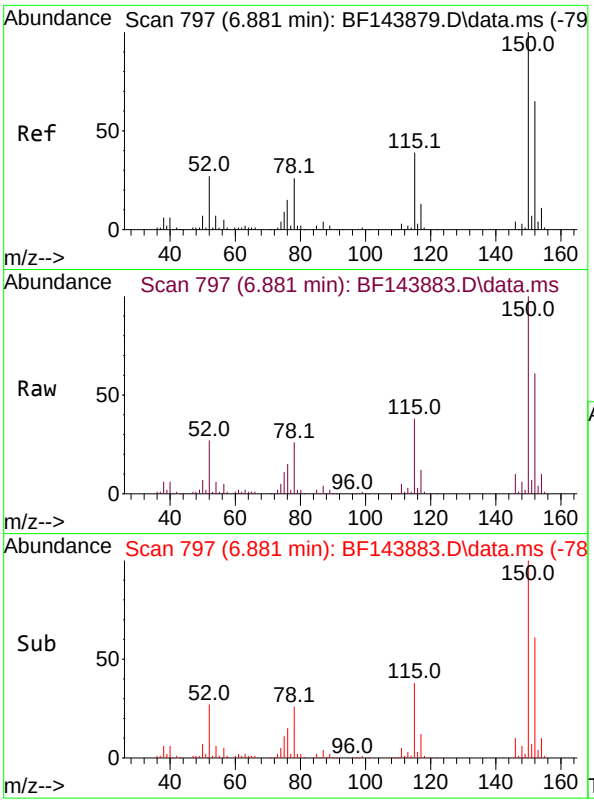
Quant Time: Oct 06 16:37:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

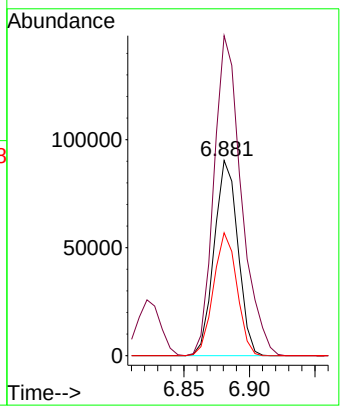




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:152 Resp: 114039

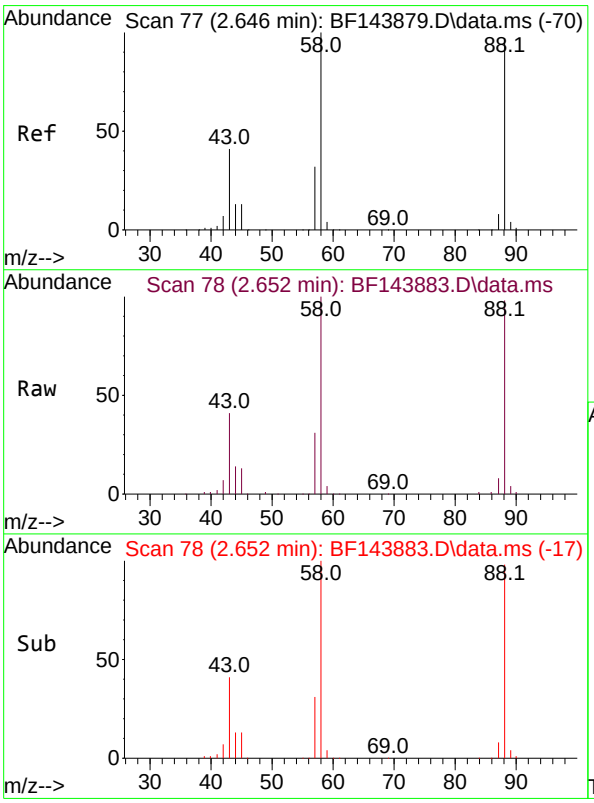
Ion	Ratio	Lower	Upper
152	100		
150	164.0	124.4	186.6
115	62.9	48.1	72.1



Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Manual Integrations
APPROVED

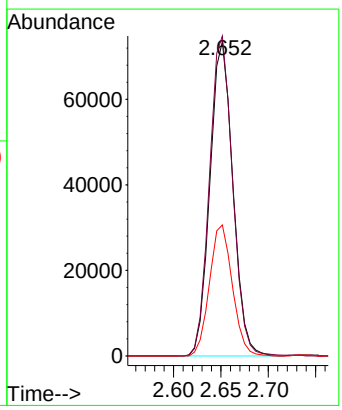
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

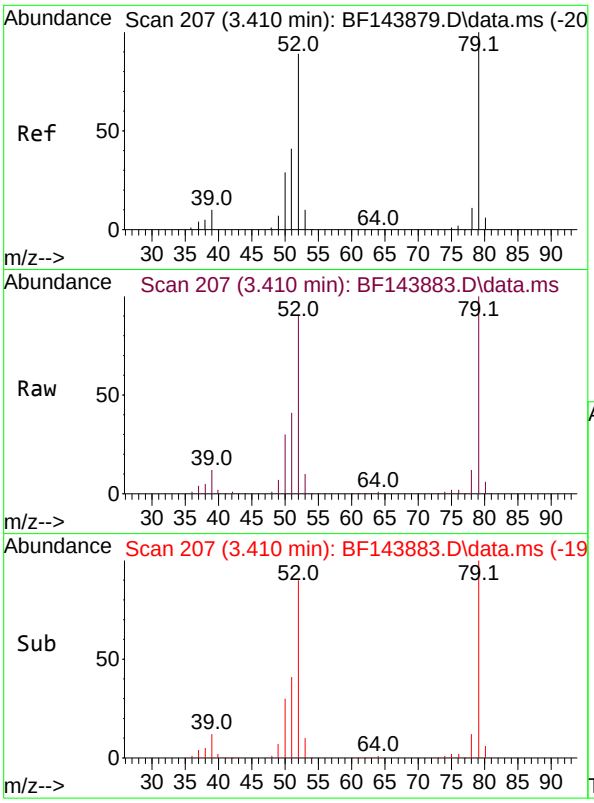


#2
1,4-Dioxane
Concen: 37.256 ng
RT: 2.652 min Scan# 78
Delta R.T. 0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

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

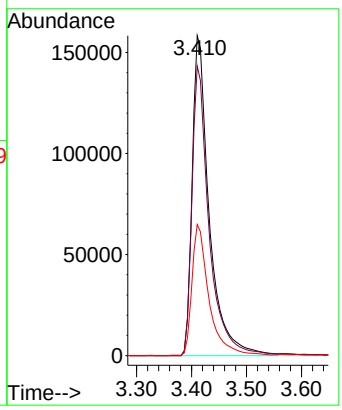




#3
Pyridine
Concen: 35.261 ng
RT: 3.410 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion: 79 Resp: 34112

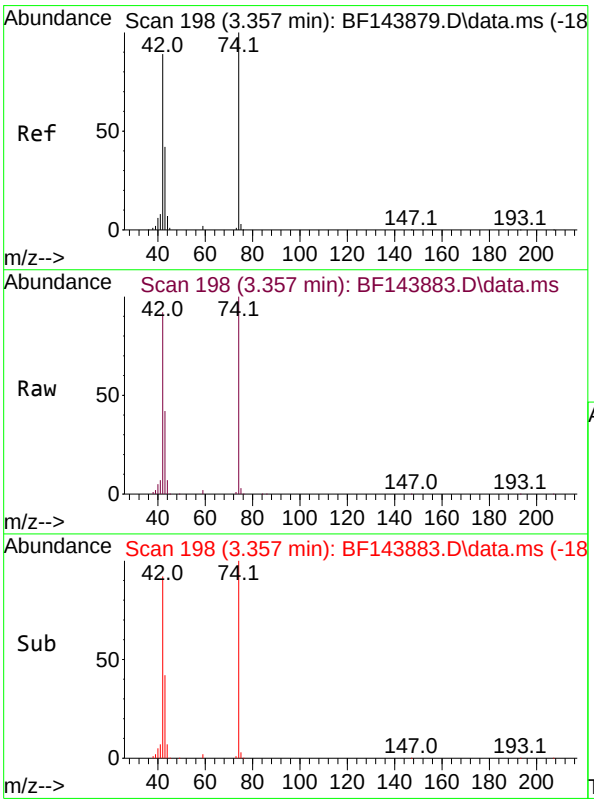
Ion	Ratio	Lower	Upper
79	100		
52	90.5	71.5	107.3
51	41.0	32.9	49.3



Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Manual Integrations APPROVED

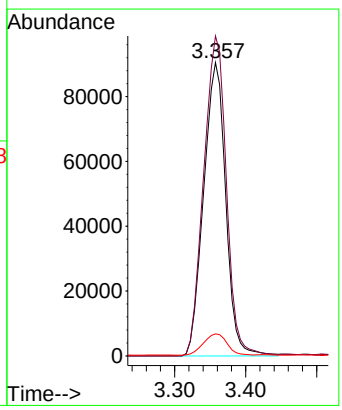
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

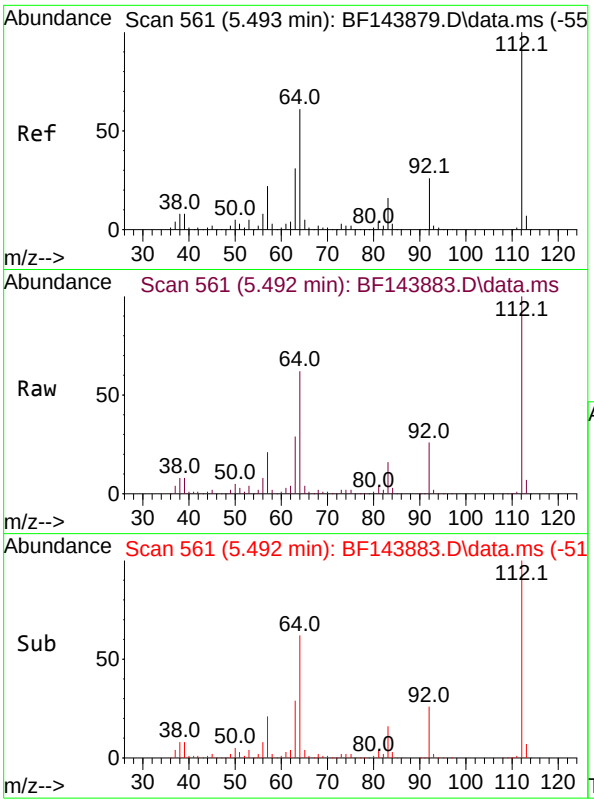


#4
n-Nitrosodimethylamine
Concen: 38.456 ng
RT: 3.357 min Scan# 198
Delta R.T. -0.029 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

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

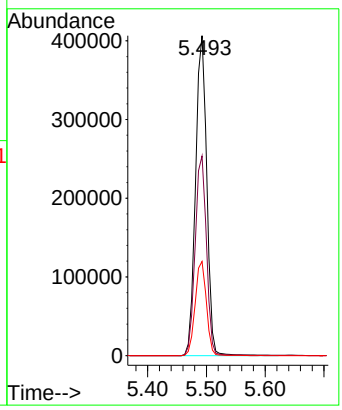
Tgt Ion:112 Resp: 53794

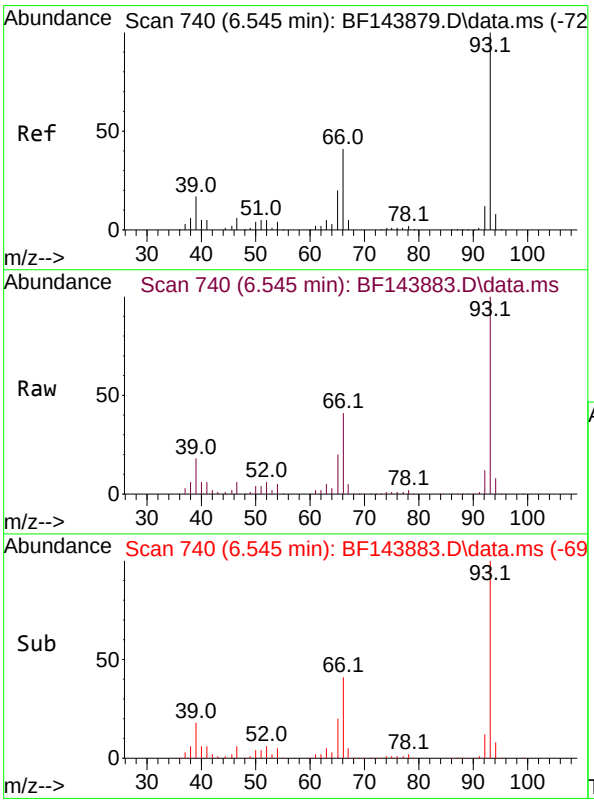
Ion	Ratio	Lower	Upper
112	100		
64	62.4	49.1	73.7
63	29.4	24.5	36.7

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

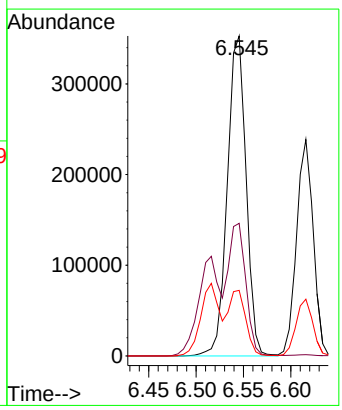


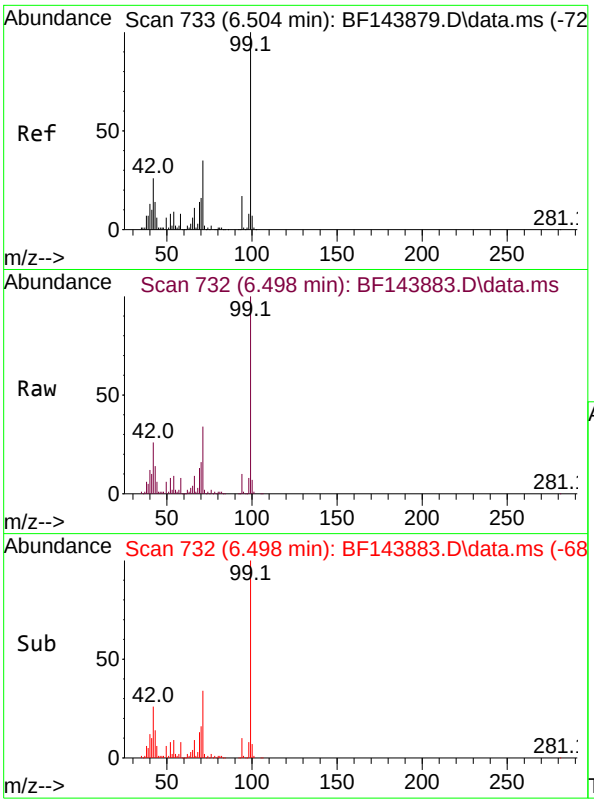


#6
Aniline
Concen: 37.937 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

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

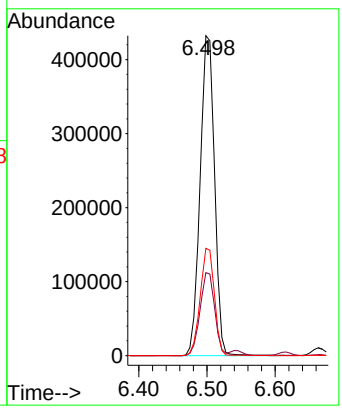




#7
Phenol-d6
Concen: 74.487 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion: 99 Resp: 63759

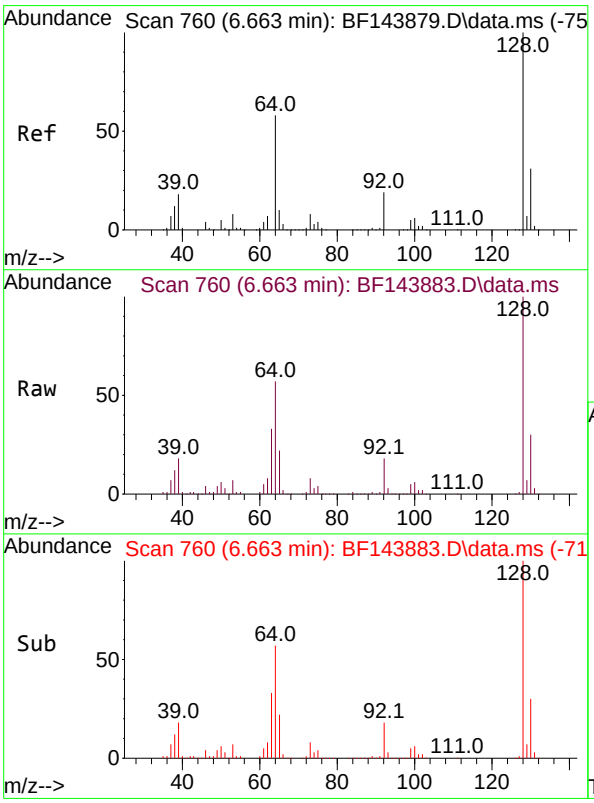
Ion	Ratio	Lower	Upper
99	100		
42	25.9	21.0	31.4
71	33.5	27.8	41.8



Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Manual Integrations APPROVED

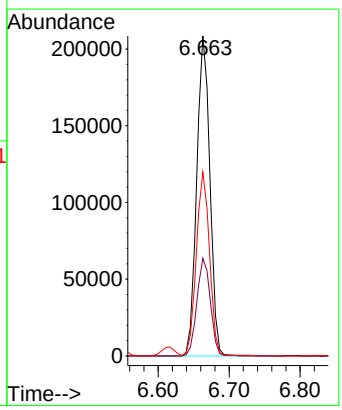
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

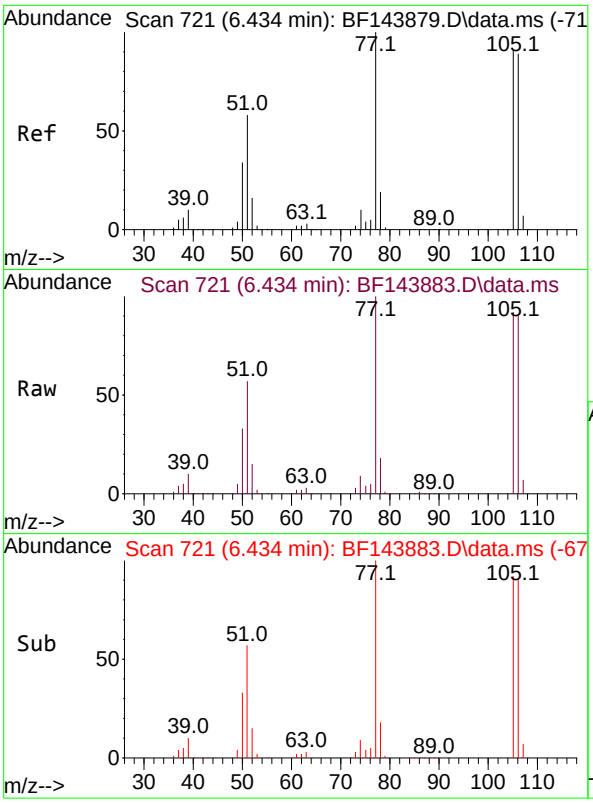


#8
2-Chlorophenol
Concen: 38.116 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

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

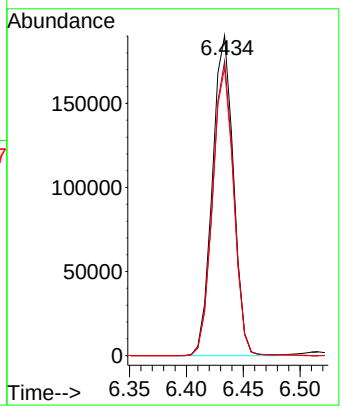




#9
Benzaldehyde
Concen: 37.141 ng
RT: 6.434 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion: 77 Resp: 24524

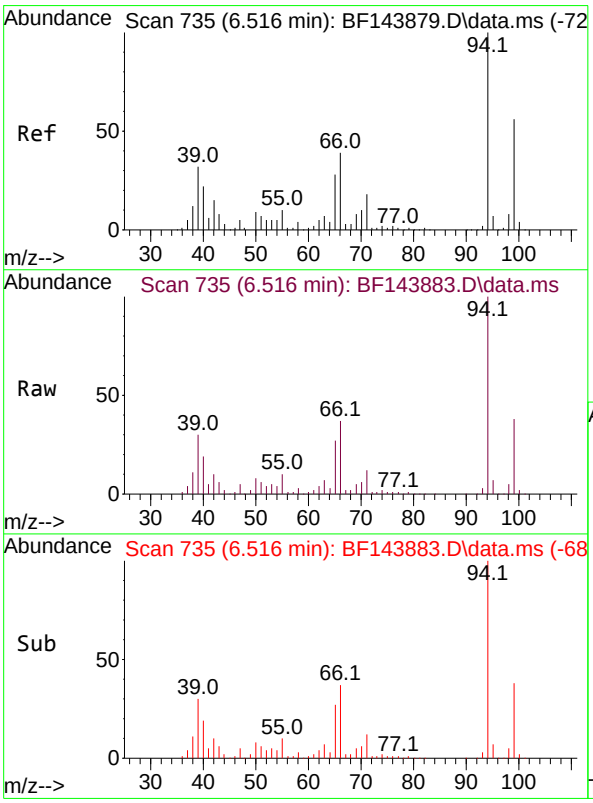
Ion	Ratio	Lower	Upper
77	100		
105	92.0	70.9	110.9
106	90.0	68.9	108.9



Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Manual Integrations APPROVED

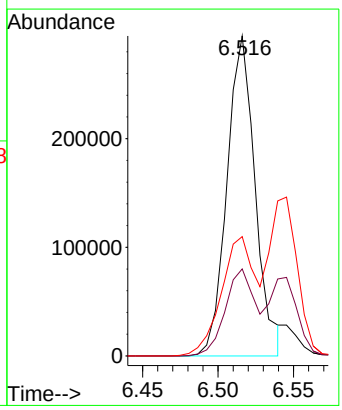
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

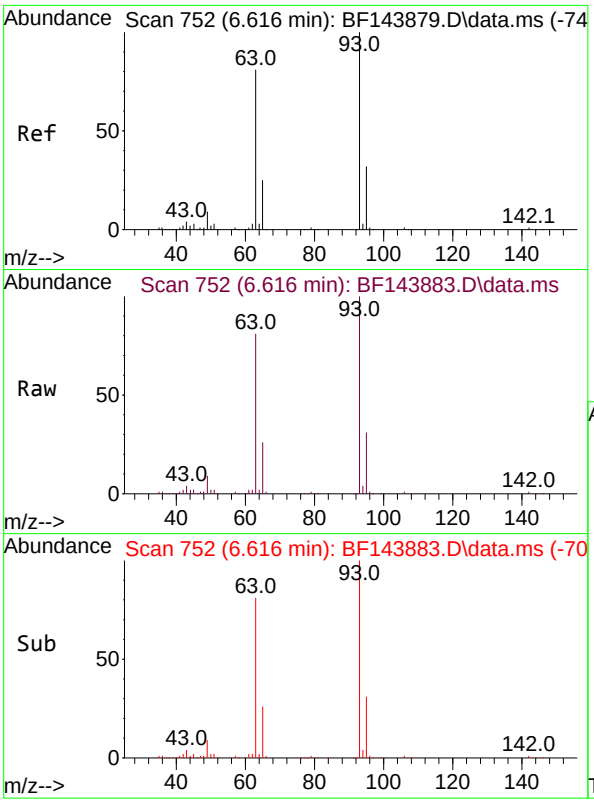


#10
Phenol
Concen: 37.501 ng m
RT: 6.516 min Scan# 735
Delta R.T. -0.018 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion: 94 Resp: 383770

Ion	Ratio	Lower	Upper
94	100		
65	27.2	8.5	48.5
66	37.3	19.9	59.9

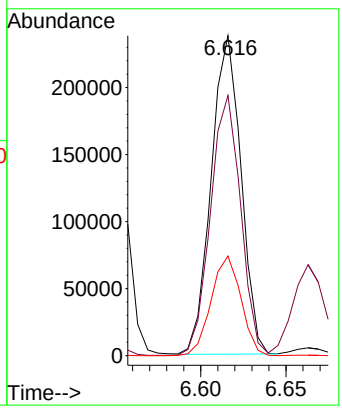




#11
bis(2-Chloroethyl)ether
Concen: 36.561 ng
RT: 6.616 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion: 93 Resp: 28902

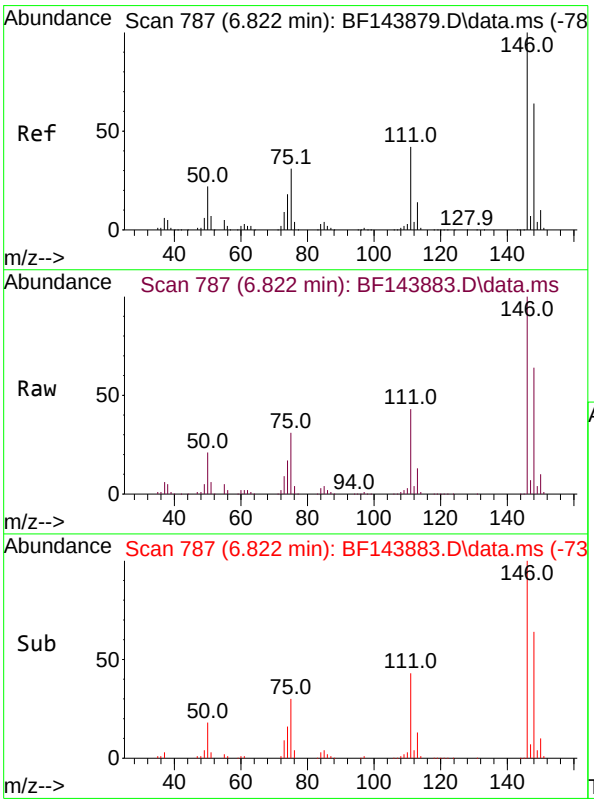
Ion	Ratio	Lower	Upper
93	100		
63	81.3	60.9	100.9
95	31.1	11.5	51.5



Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Manual Integrations
APPROVED

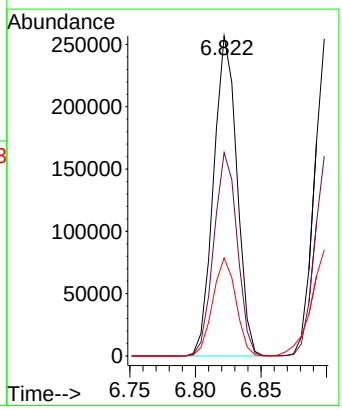
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

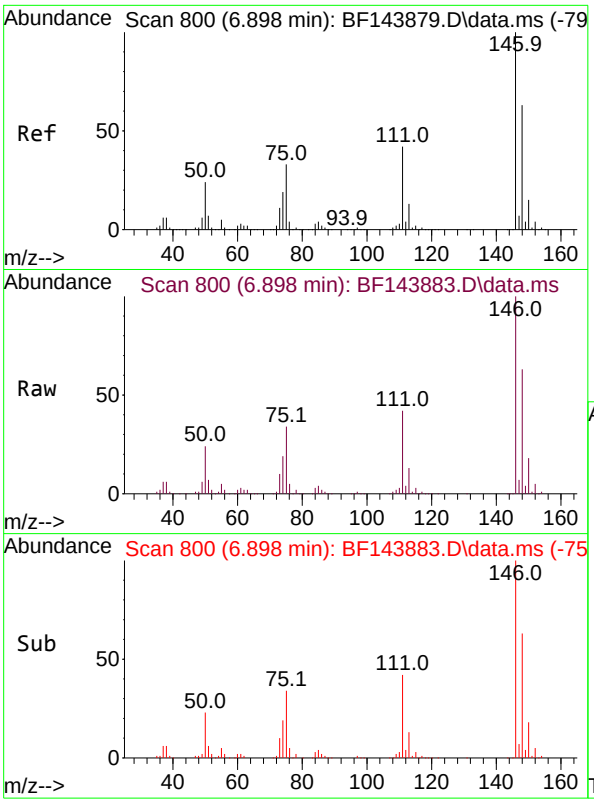


#12
1,3-Dichlorobenzene
Concen: 37.828 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

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

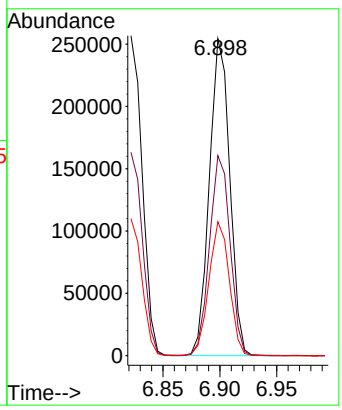




#13
1,4-Dichlorobenzene
Concen: 38.392 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:146 Resp: 31822

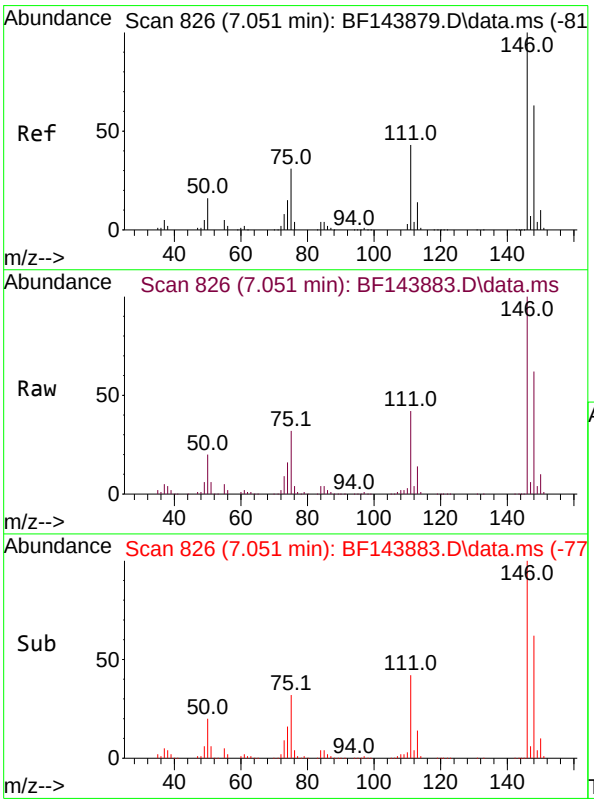
Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.5	75.7
111	42.2	33.4	50.0



Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Manual Integrations
APPROVED

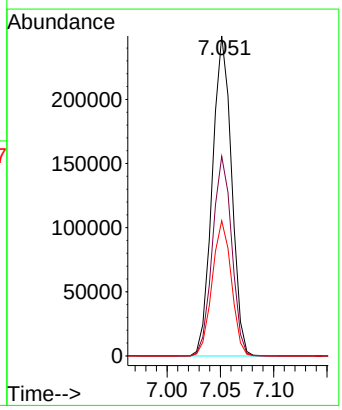
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

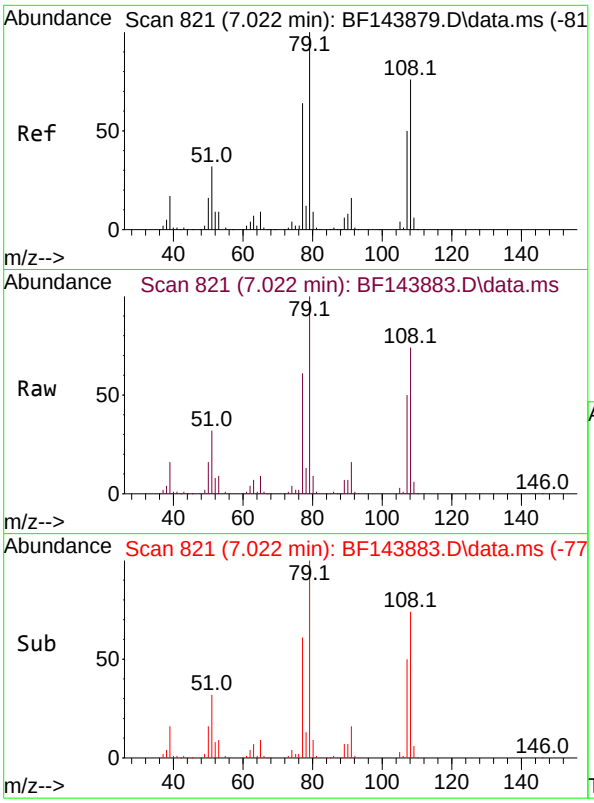


#14
1,2-Dichlorobenzene
Concen: 39.655 ng
RT: 7.051 min Scan# 826
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

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

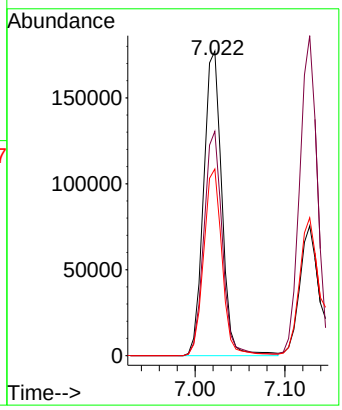
Tgt Ion: 79 Resp: 24995

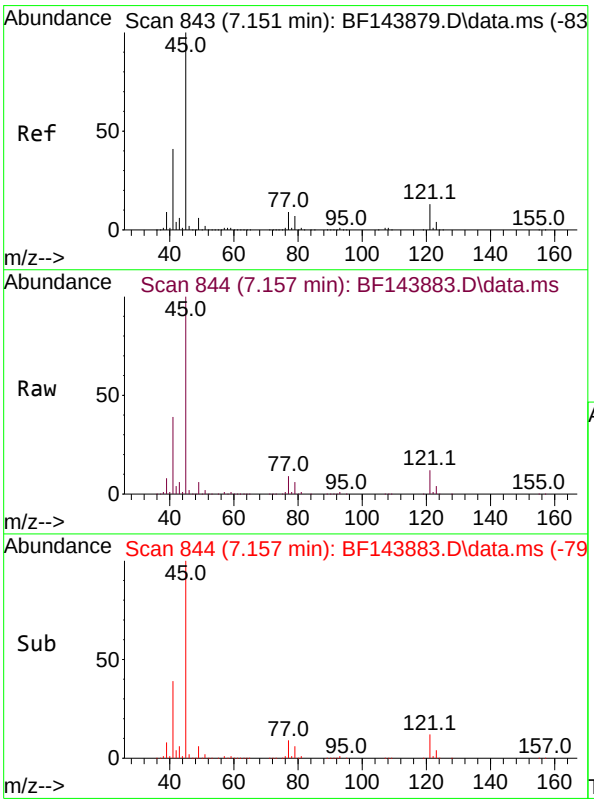
Ion	Ratio	Lower	Upper
79	100		
108	73.6	60.8	91.2
77	61.3	51.0	76.6

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Manual Integrations
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Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

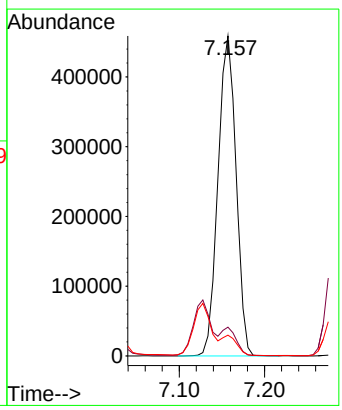


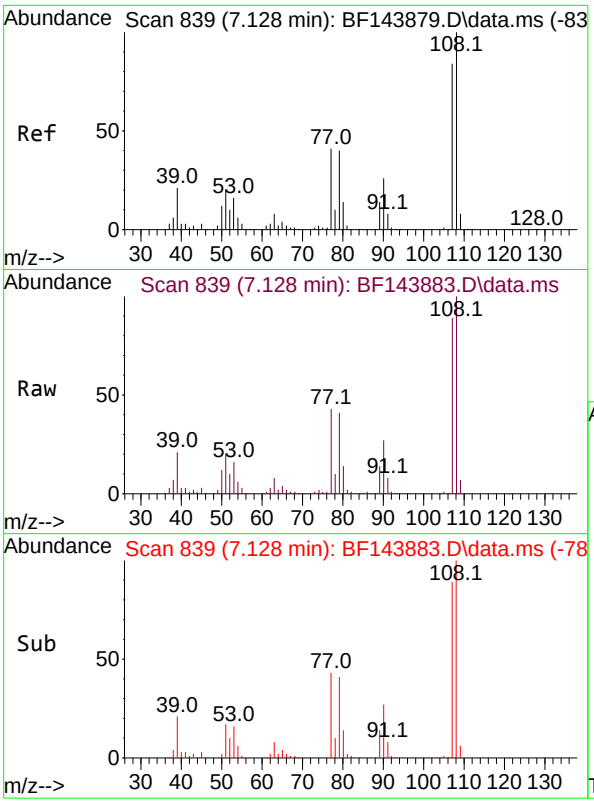


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.568 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

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

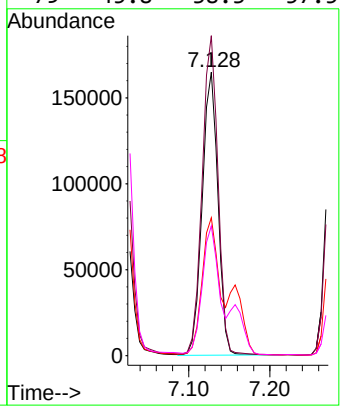




#17
2-Methylphenol
Concen: 38.352 ng
RT: 7.128 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:107 Resp: 22249

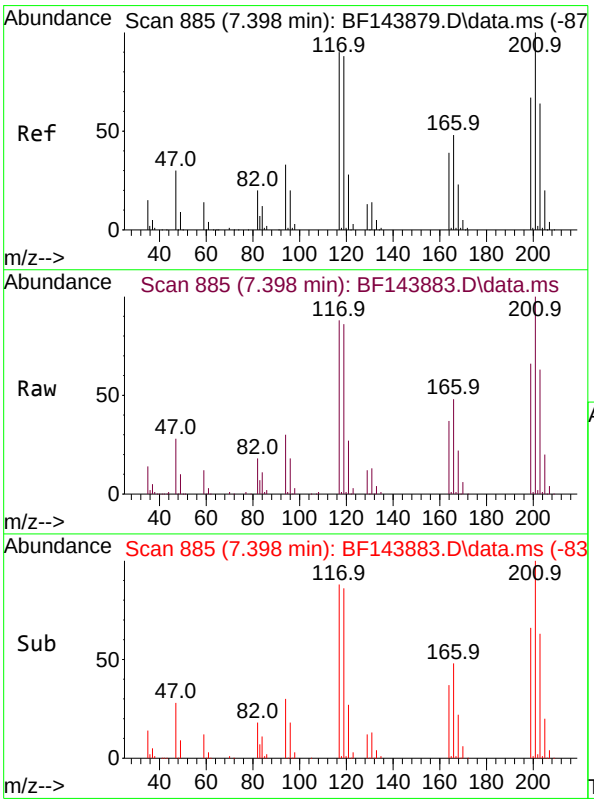
Ion	Ratio	Lower	Upper
107	100		
108	112.9	94.7	142.1
77	48.7	38.8	58.2
79	45.8	38.3	57.5



Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Manual Integrations
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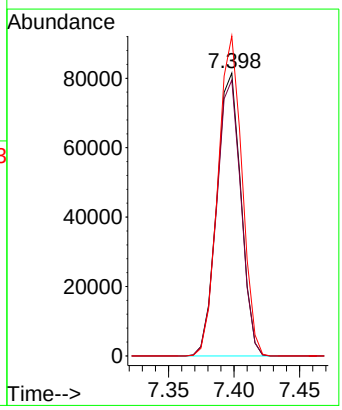
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

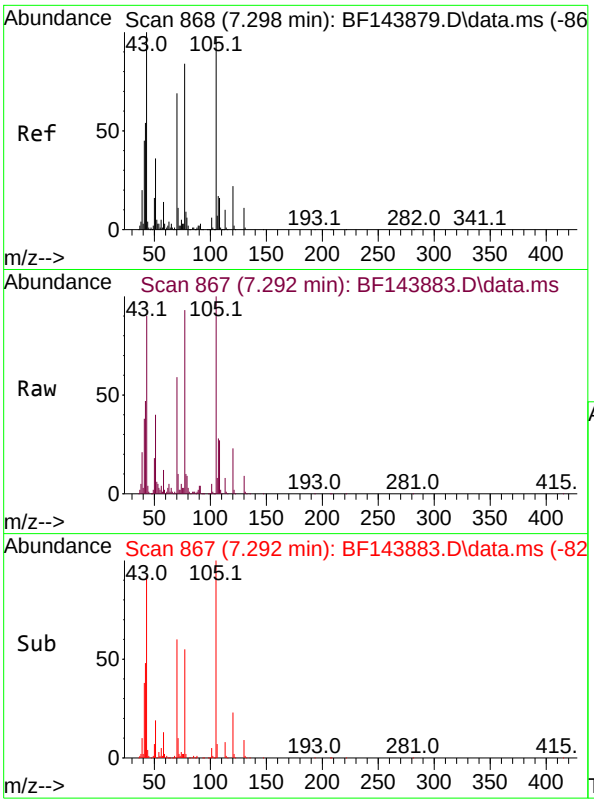


#18
Hexachloroethane
Concen: 37.755 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

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

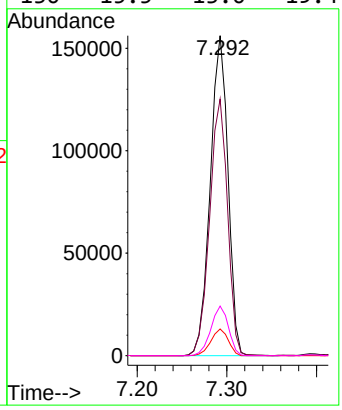




#19
n-Nitroso-di-n-propylamine
Concen: 36.612 ng
RT: 7.292 min Scan# 8
Delta R.T. -0.023 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion: 70 Resp: 21451

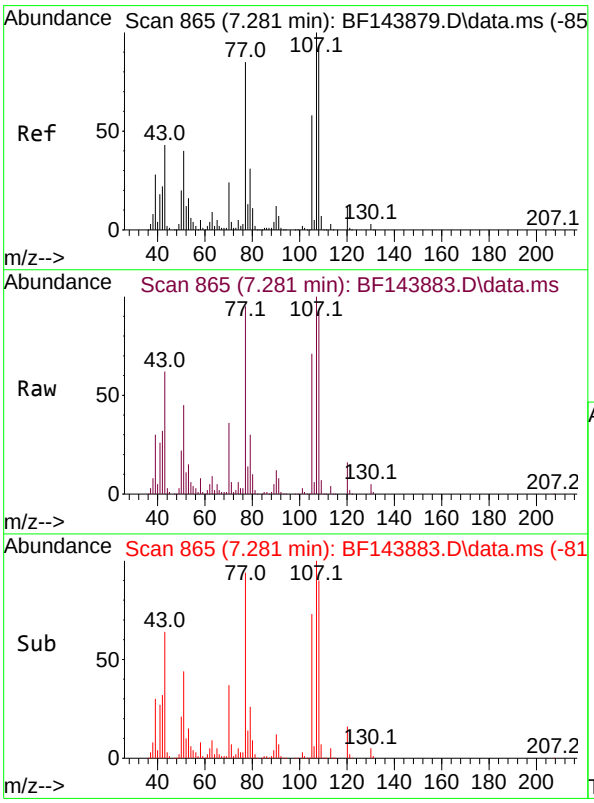
Ion	Ratio	Lower	Upper
70	100		
42	80.2	62.8	94.2
101	8.3	6.7	10.1
130	15.5	13.0	19.4



Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Manual Integrations
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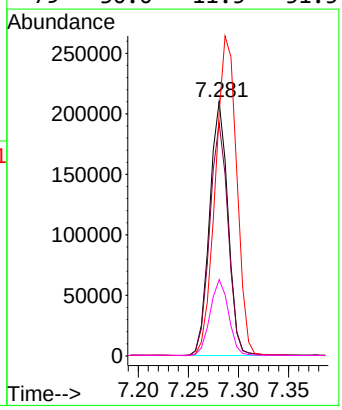
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

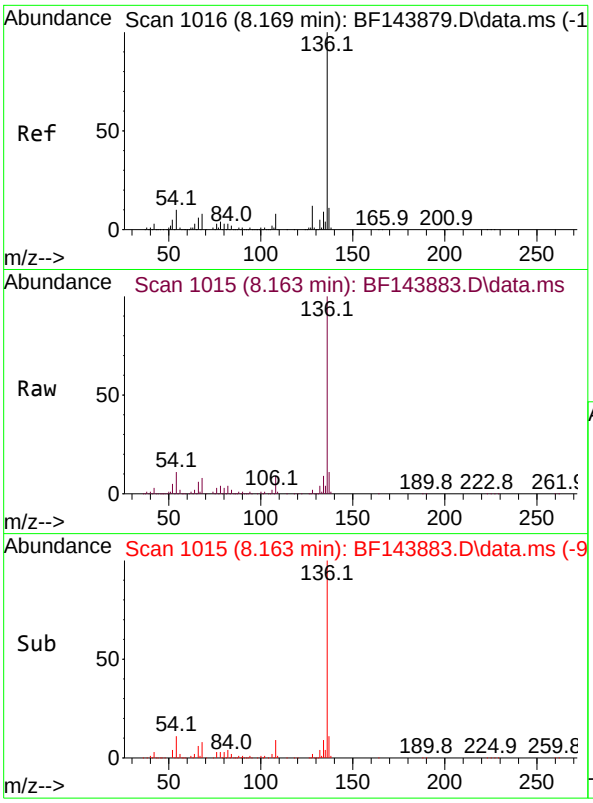


#20
3+4-Methylphenols
Concen: 39.880 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.018 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

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

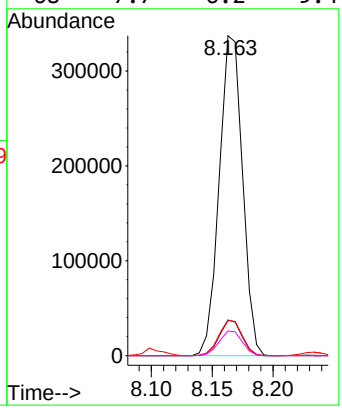




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:136 Resp: 44897

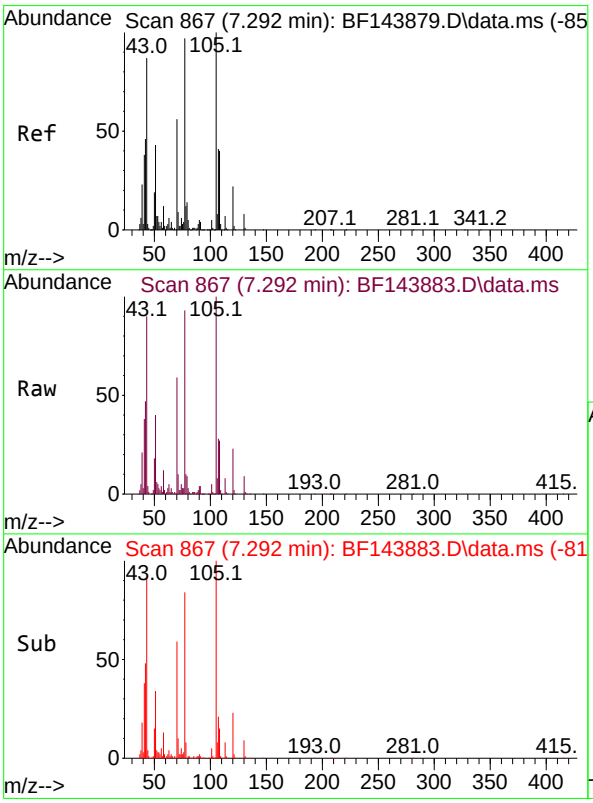
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	11.2	8.2	12.4
68	7.7	6.2	9.4



Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Manual Integrations
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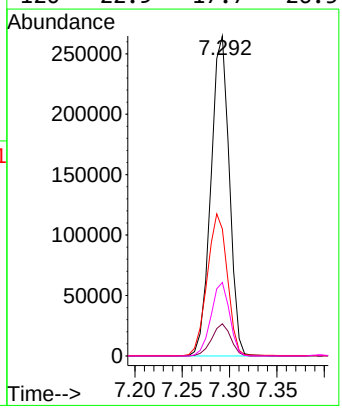
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

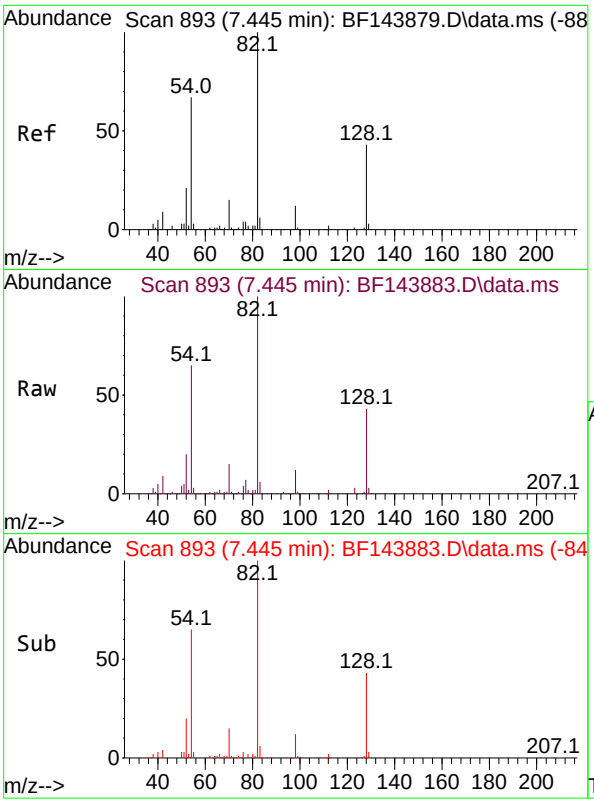


#22
Acetophenone
Concen: 37.713 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

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# 89
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

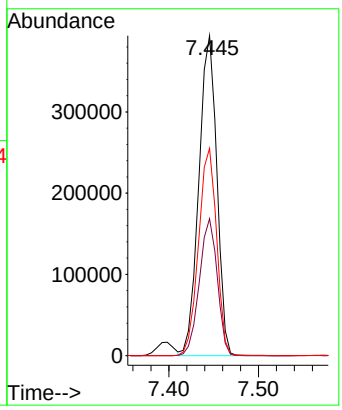
Tgt Ion: 82 Resp: 549291

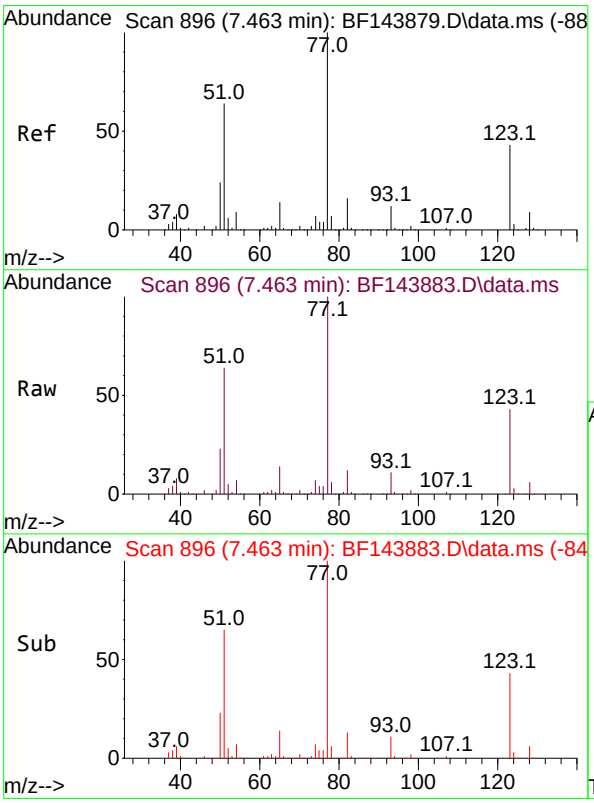
Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.0	51.0
54	64.8	53.2	79.8

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

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Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

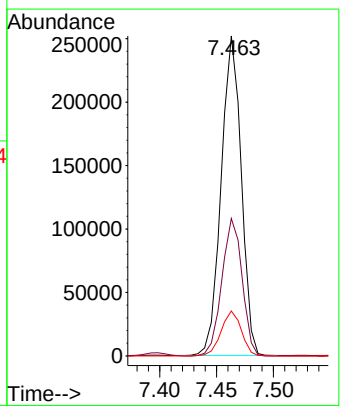


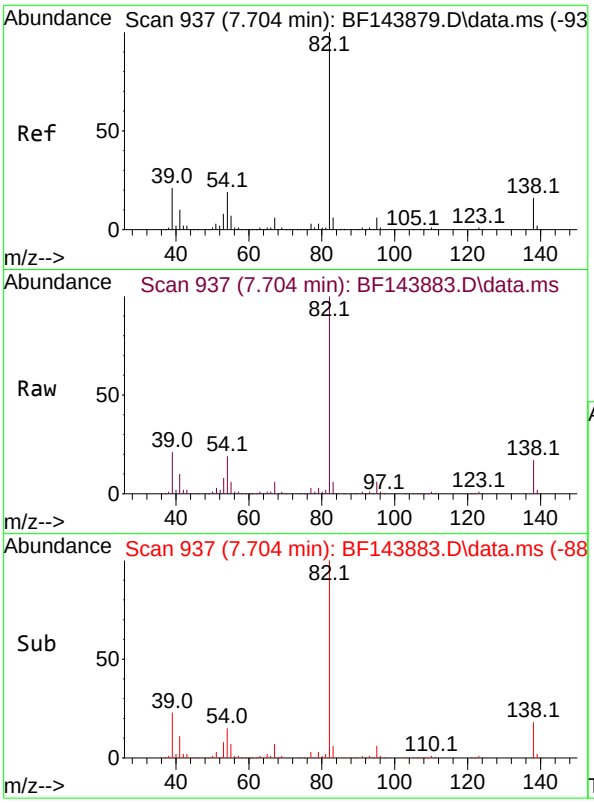


#24
Nitrobenzene
Concen: 37.727 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

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

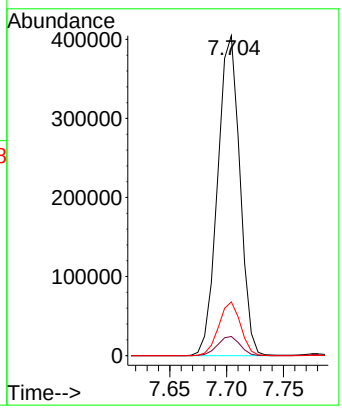




#25
Isophorone
Concen: 35.347 ng
RT: 7.704 min Scan# 9
Delta R.T. -0.018 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion: 82 Resp: 55077

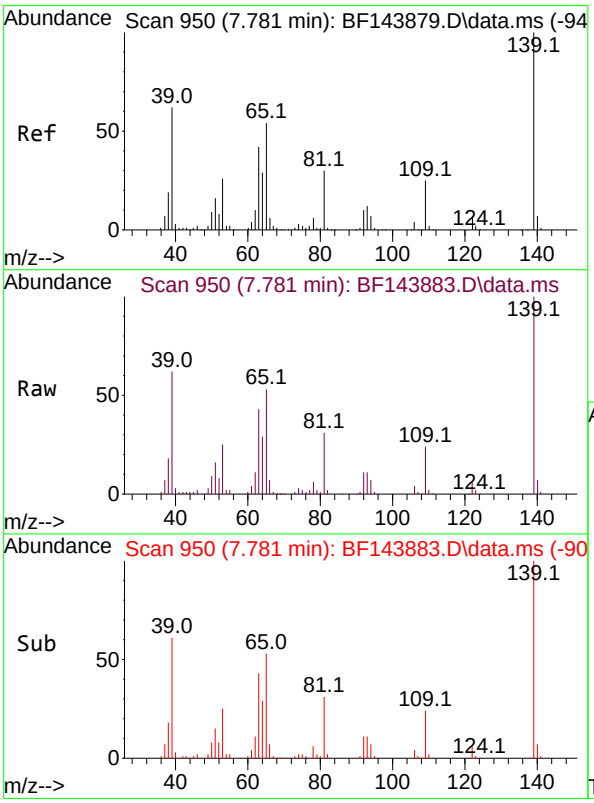
Ion	Ratio	Lower	Upper
82	100		
95	6.0	5.1	7.7
138	16.8	12.9	19.3



Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Manual Integrations
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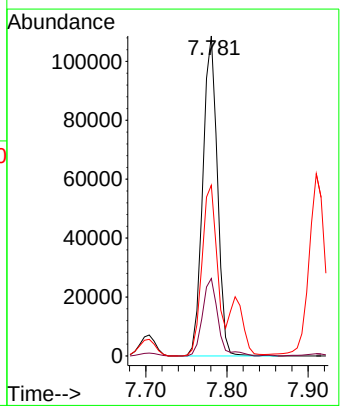
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

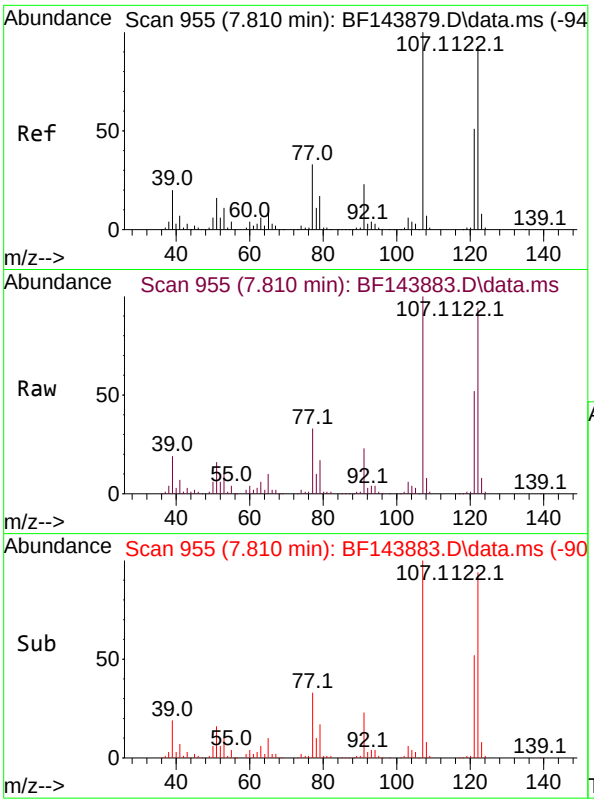


#26
2-Nitrophenol
Concen: 38.717 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

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

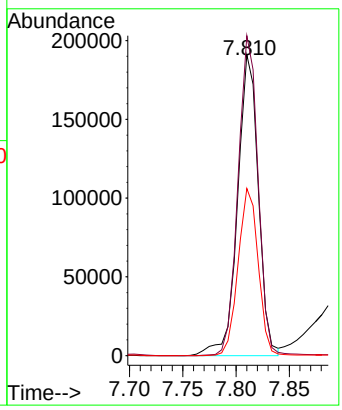




#27
2,4-Dimethylphenol
Concen: 40.847 ng
RT: 7.810 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:122 Resp: 25852

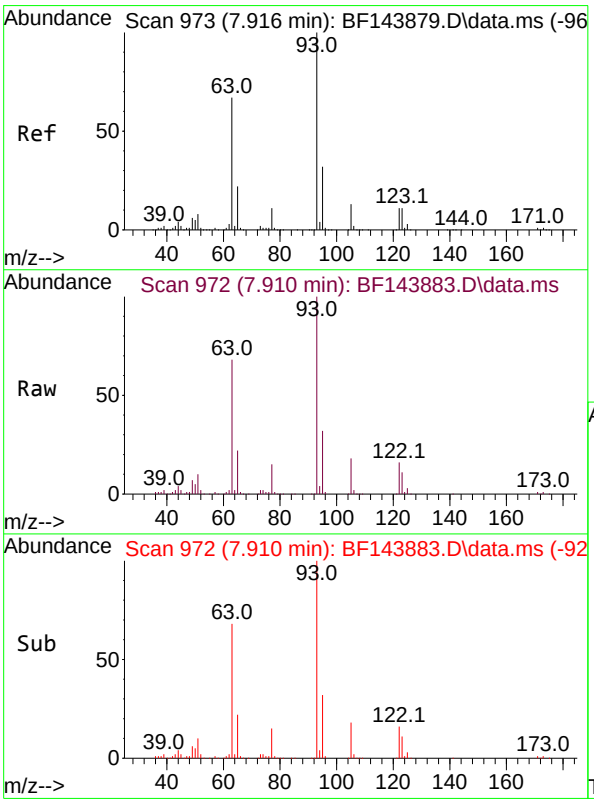
Ion	Ratio	Lower	Upper
122	100		
107	106.3	86.1	129.1
121	55.5	43.8	65.6



Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Manual Integrations
APPROVED

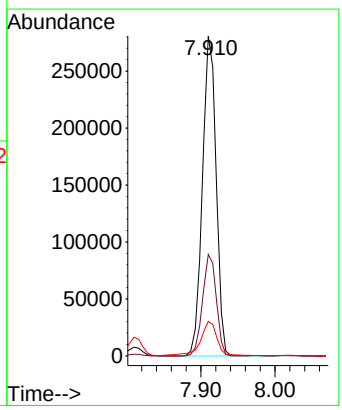
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

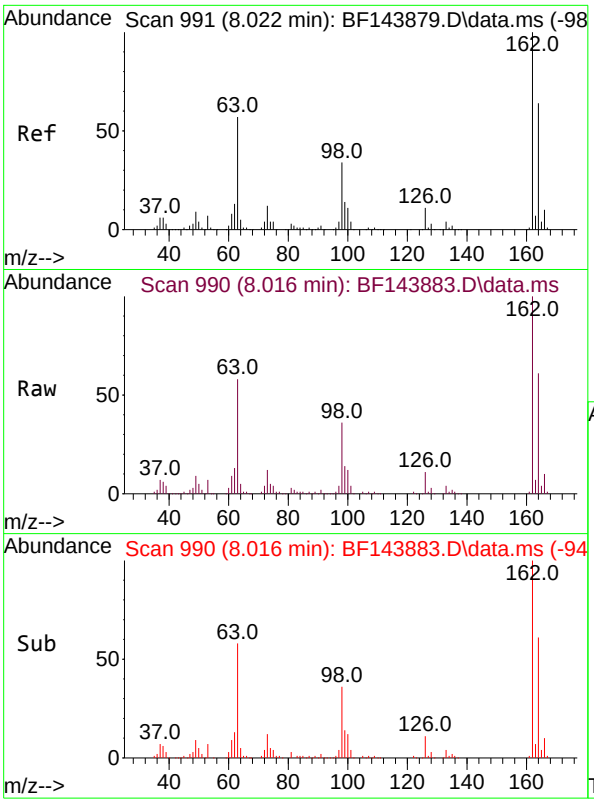


#28
bis(2-Chloroethoxy)methane
Concen: 36.639 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

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

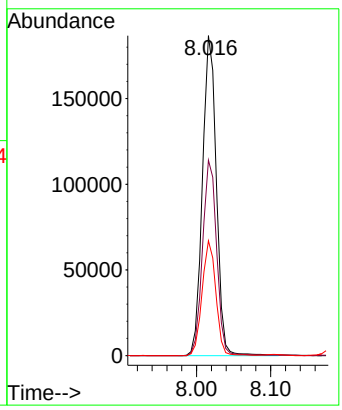




#29
2,4-Dichlorophenol
Concen: 36.899 ng
RT: 8.016 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:162 Resp: 24326

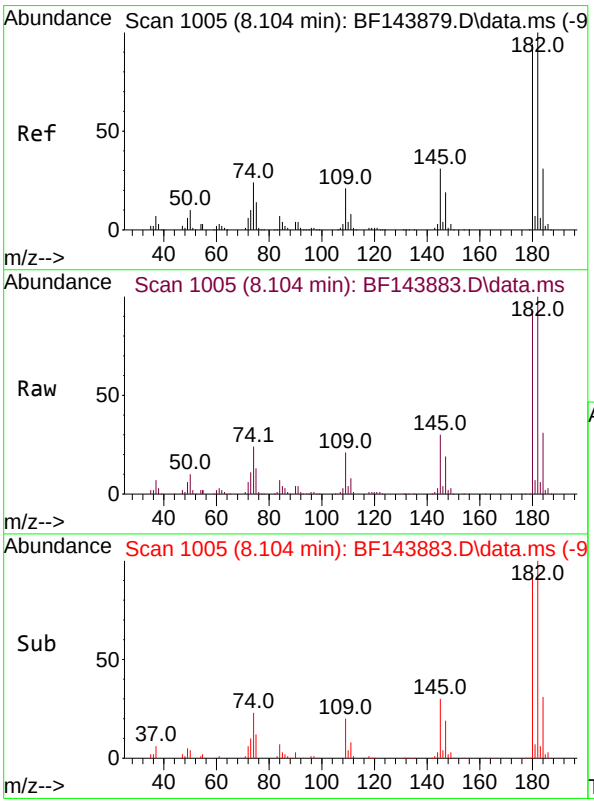
Ion	Ratio	Lower	Upper
162	100		
164	61.1	43.9	83.9
98	35.9	14.4	54.4



Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Manual Integrations APPROVED

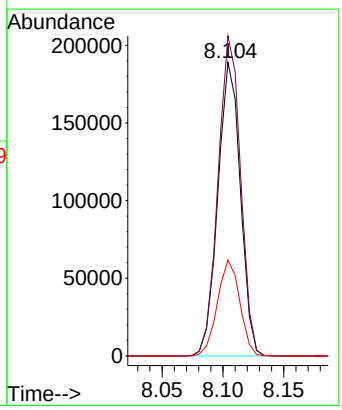
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

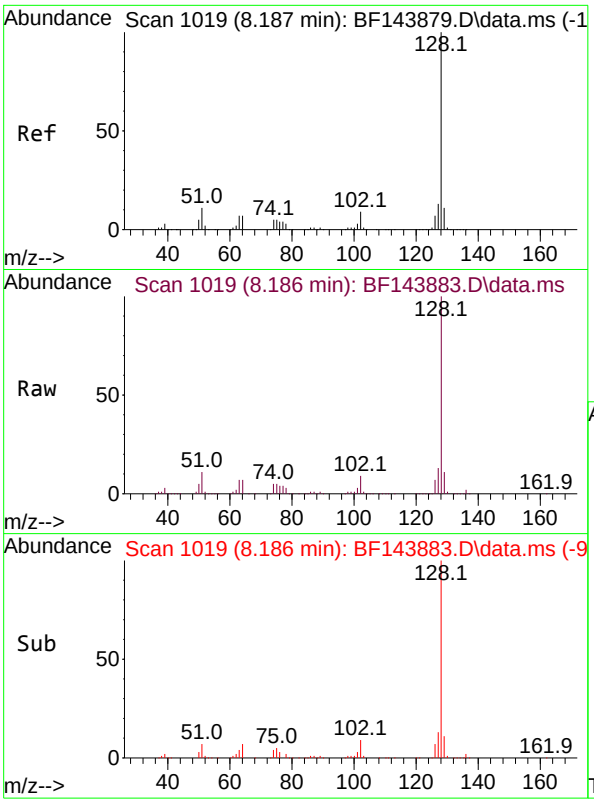


#30
1,2,4-Trichlorobenzene
Concen: 37.503 ng
RT: 8.104 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

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

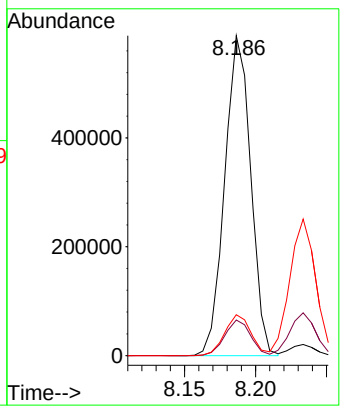




#31
Naphthalene
Concen: 36.679 ng
RT: 8.186 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:128 Resp: 74911

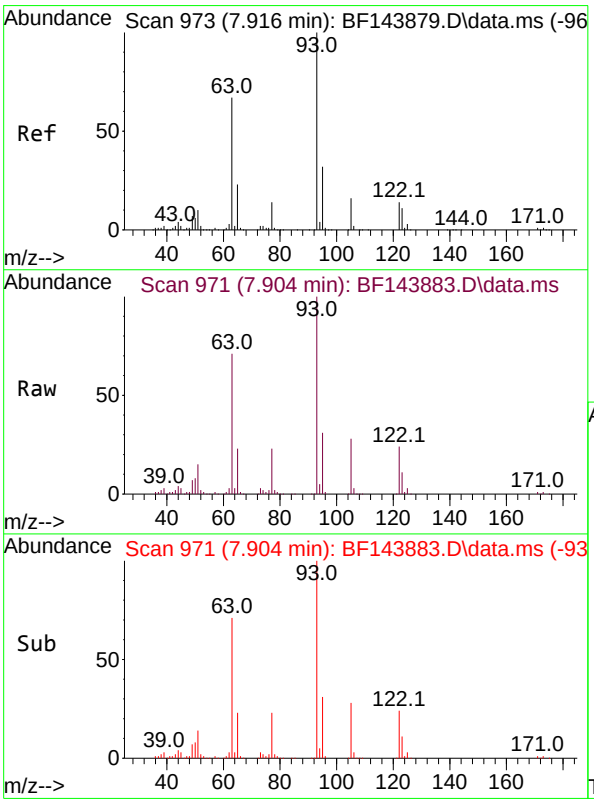
Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	12.8	10.0	15.0



Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Manual Integrations APPROVED

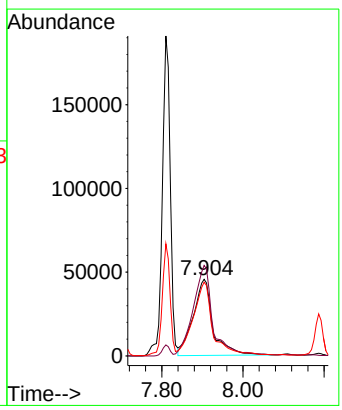
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

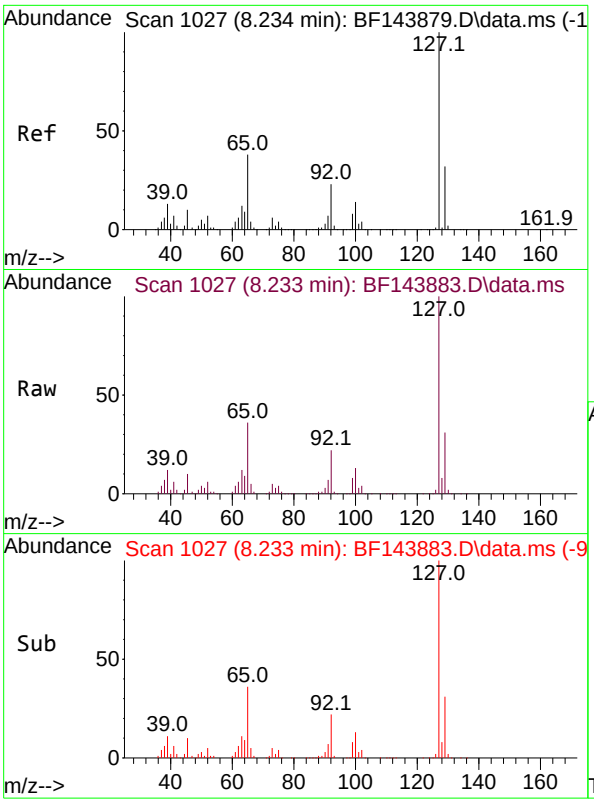


#32
Benzoic acid
Concen: 35.162 ng
RT: 7.904 min Scan# 971
Delta R.T. -0.059 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

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

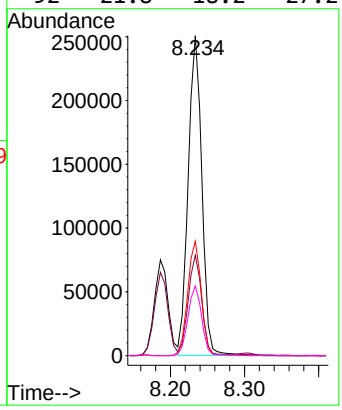




#33
4-Chloroaniline
Concen: 41.950 ng
RT: 8.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:127 Resp: 32132

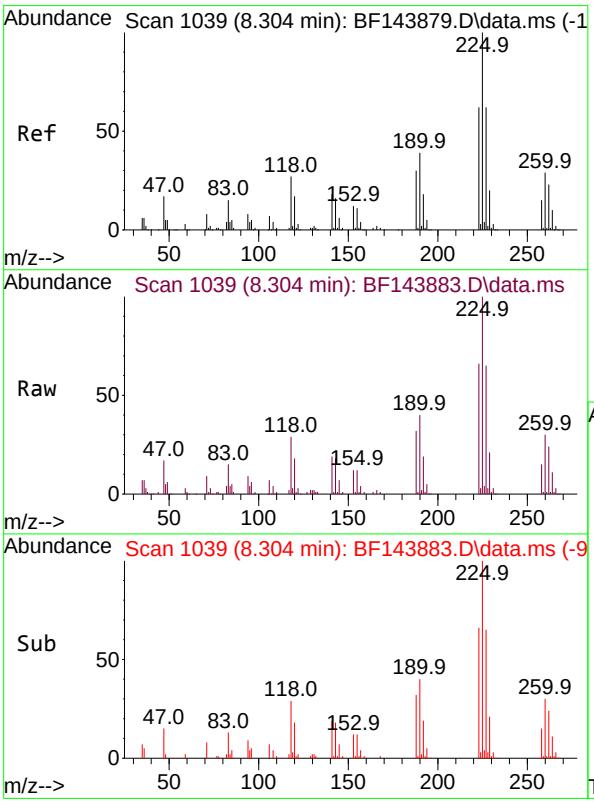
Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.8	38.8
65	35.7	30.0	45.0
92	21.8	18.2	27.2



Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Manual Integrations APPROVED

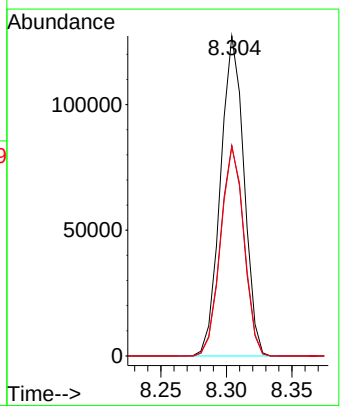
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

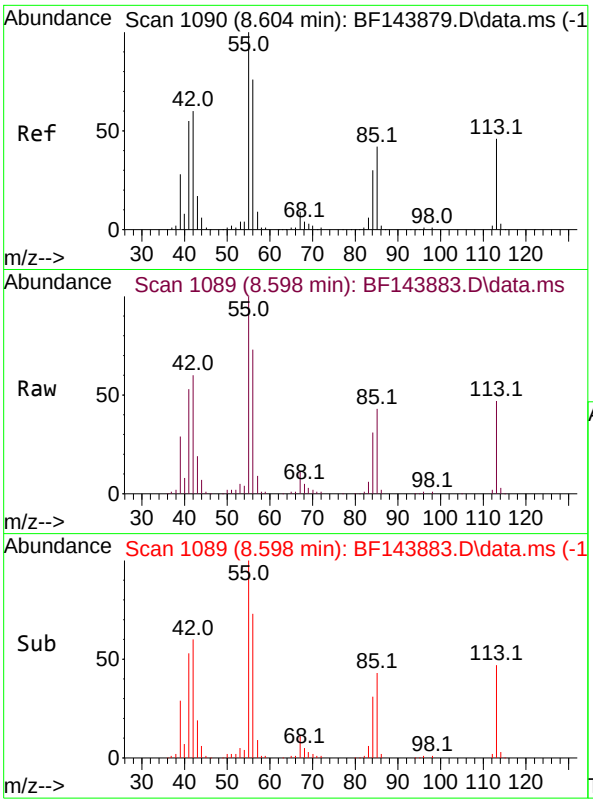


#34
Hexachlorobutadiene
Concen: 35.201 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

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

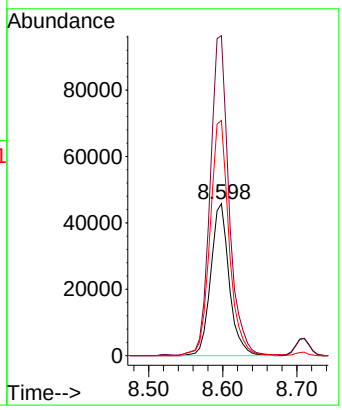
Tgt Ion:113 Resp: 7910

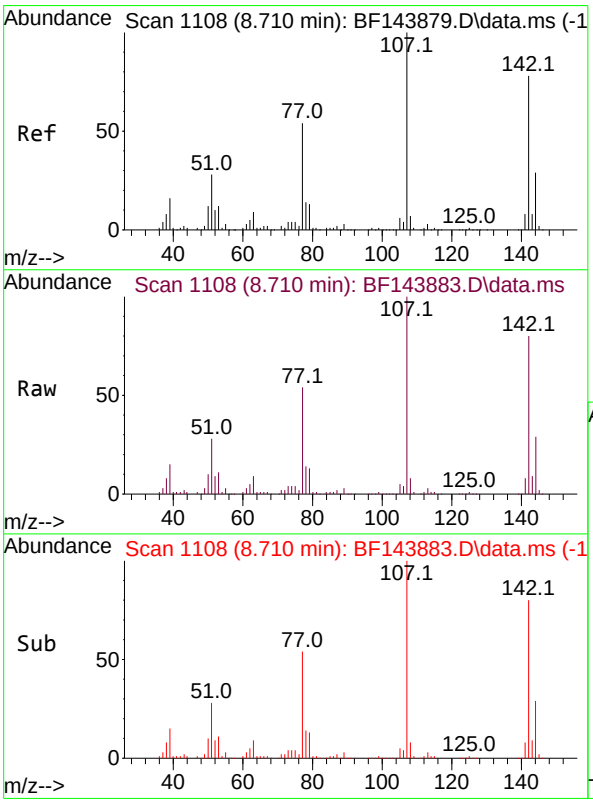
Ion	Ratio	Lower	Upper
113	100		
55	210.6	199.6	239.6
56	154.8	146.0	186.0

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Manual Integrations
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Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

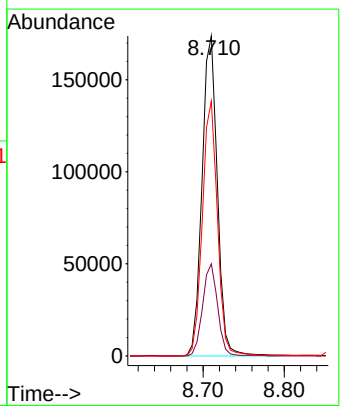


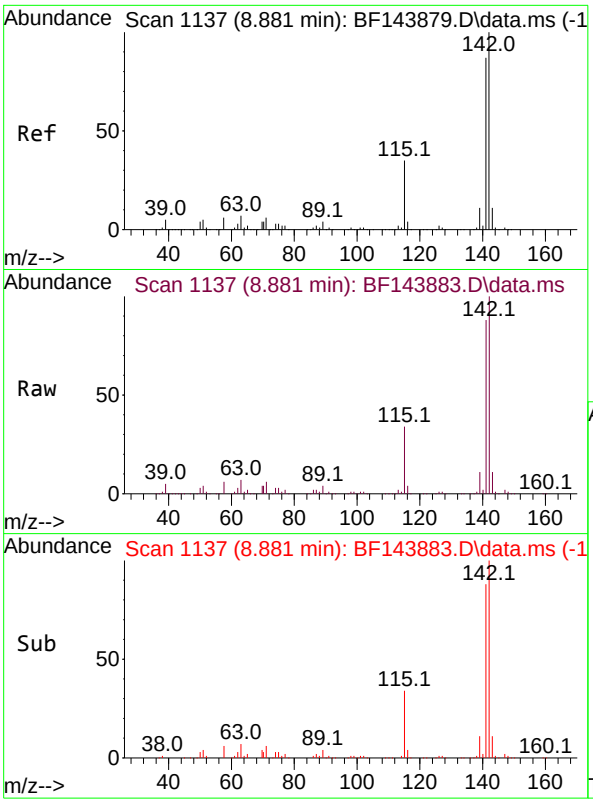


#36
4-Chloro-3-methylphenol
Concen: 36.079 ng
RT: 8.710 min Scan# 1108
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

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

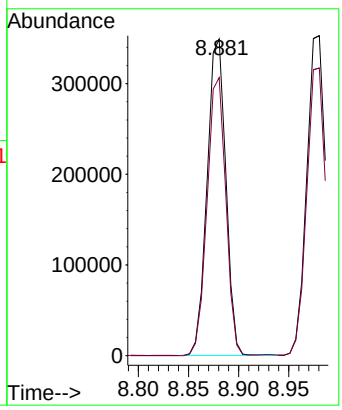




#37
2-Methylnaphthalene
Concen: 33.257 ng
RT: 8.881 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:142 Resp: 45244

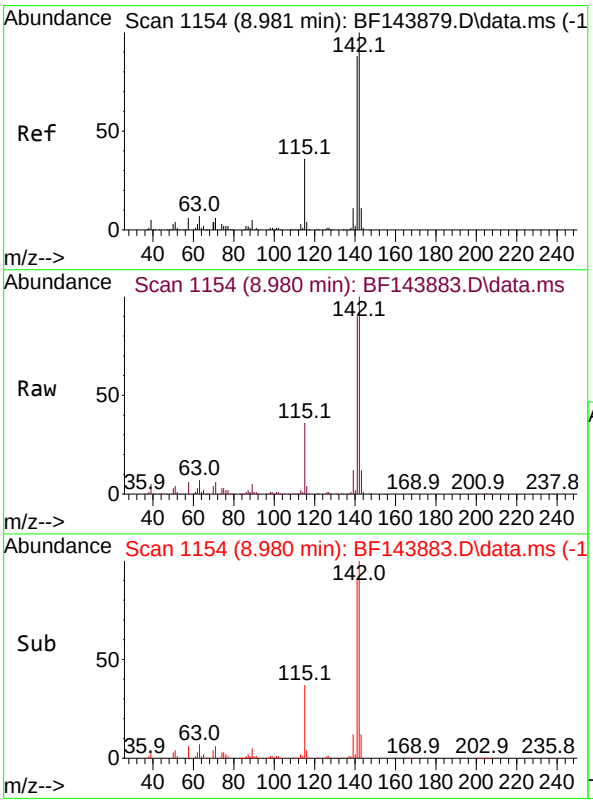
Ion	Ratio	Lower	Upper
142	100		
141	87.8	69.2	103.8



Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Manual Integrations
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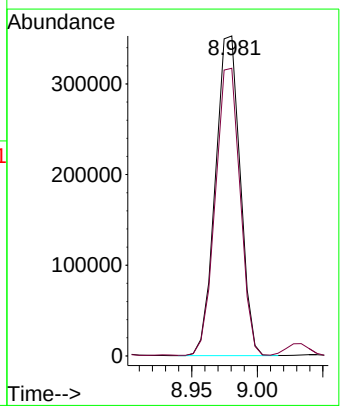
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

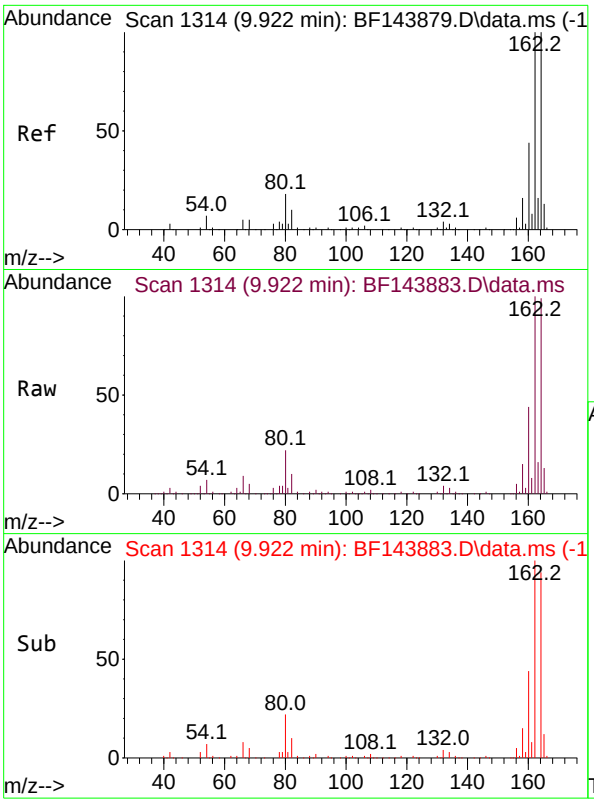


#38
1-Methylnaphthalene
Concen: 35.269 ng
RT: 8.980 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:142 Resp: 465414

Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.8	106.2

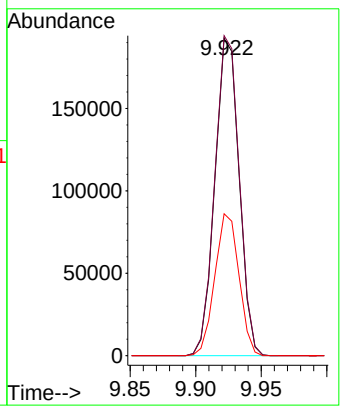




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1
Delta R.T. -0.005 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:164 Resp: 24778

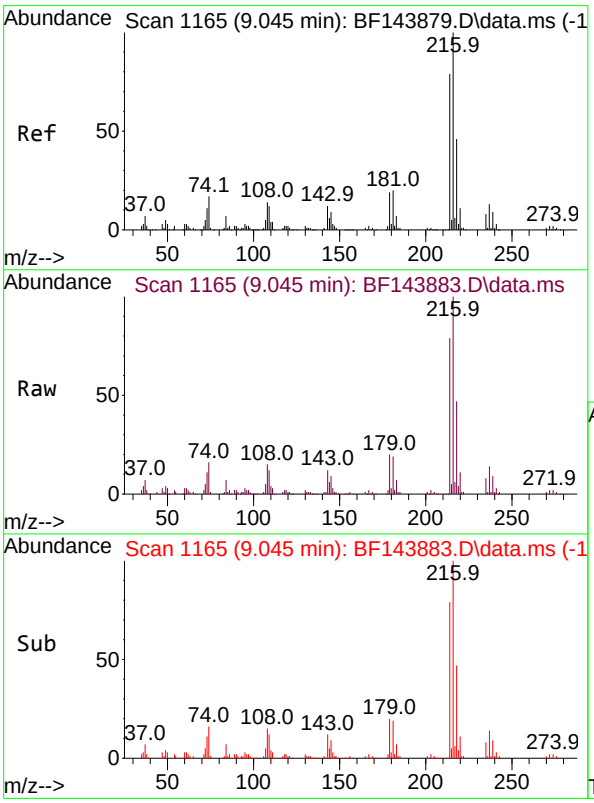
Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.2	120.2
160	44.7	35.4	53.0



Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Manual Integrations APPROVED

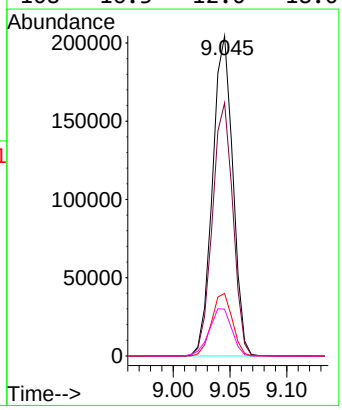
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

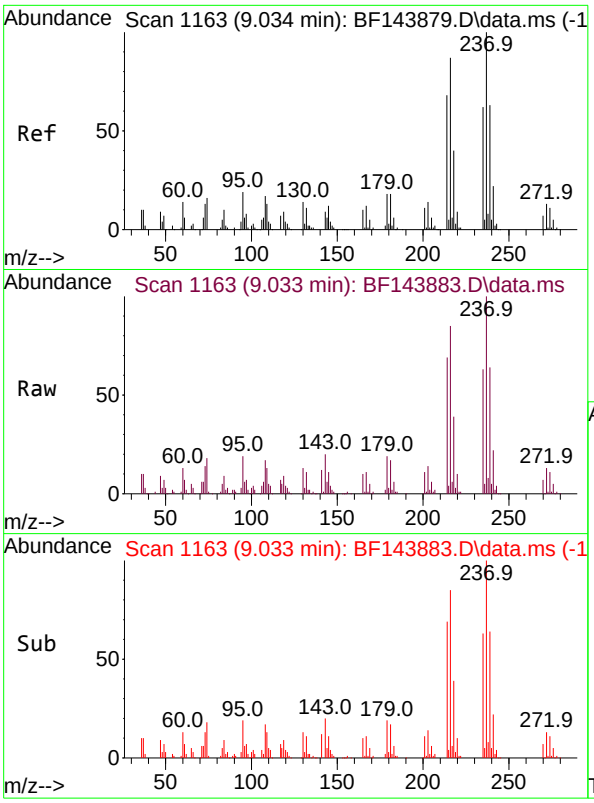


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.122 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

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

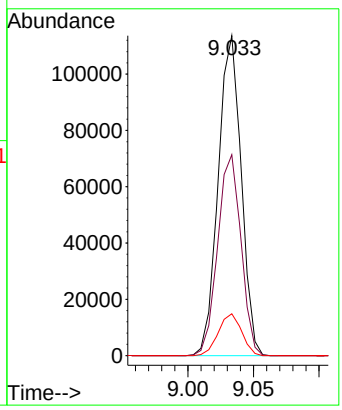




#41
Hexachlorocyclopentadiene
Concen: 48.984 ng
RT: 9.033 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:237 Resp: 13916

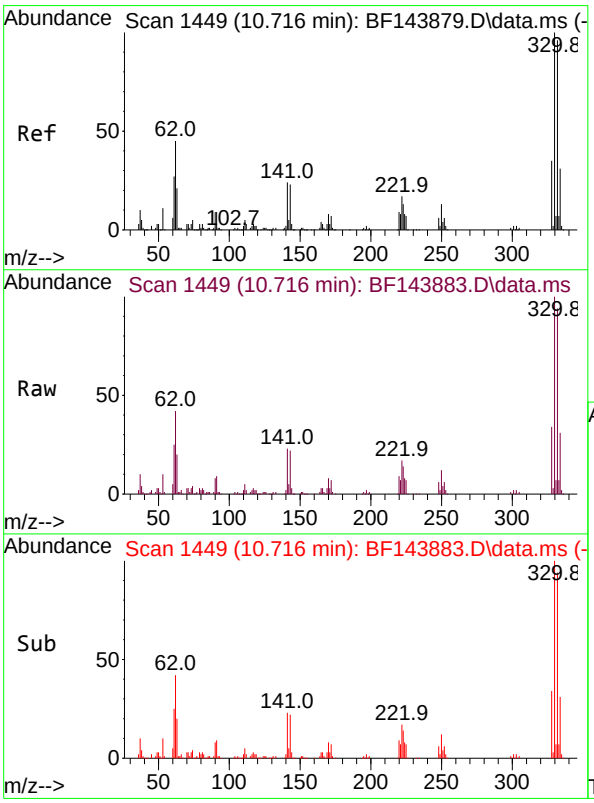
Ion	Ratio	Lower	Upper
237	100		
235	62.8	42.3	82.3
272	13.1	0.0	33.1



Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Manual Integrations
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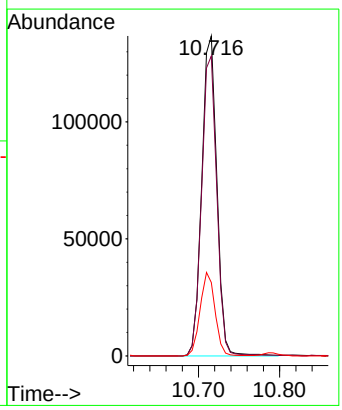
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

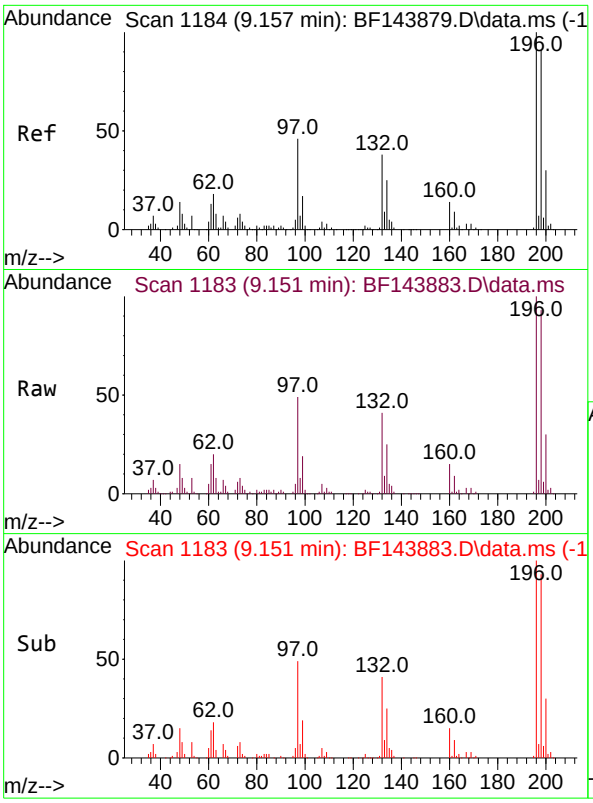


#42
2,4,6-Tribromophenol
Concen: 71.685 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

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

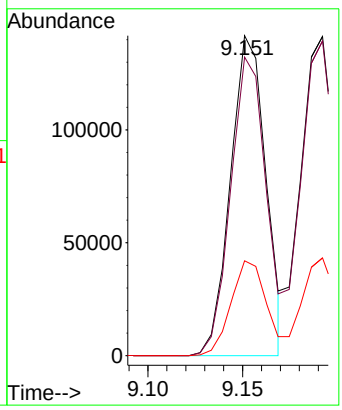




#43
2,4,6-Trichlorophenol
Concen: 36.726 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:196 Resp: 183769

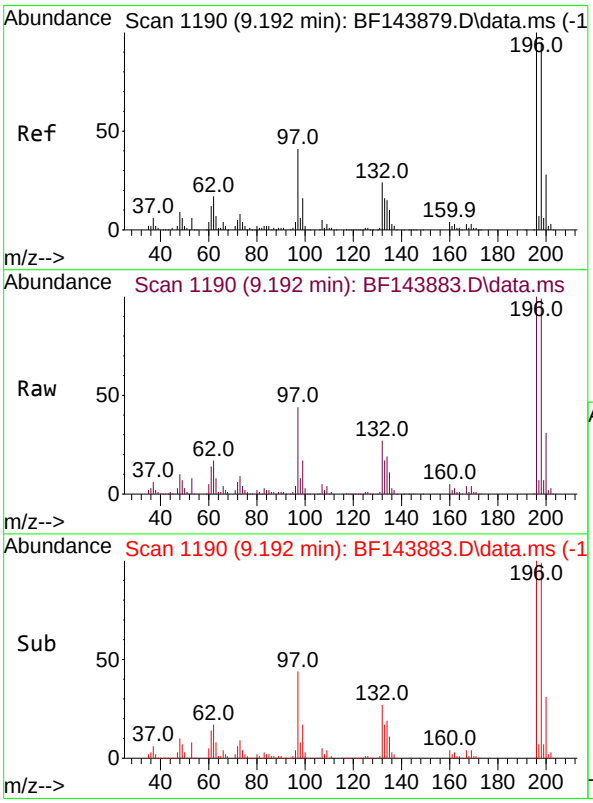
Ion	Ratio	Lower	Upper
196	100		
198	93.3	72.8	109.2
200	29.6	24.0	36.0



Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Manual Integrations
APPROVED

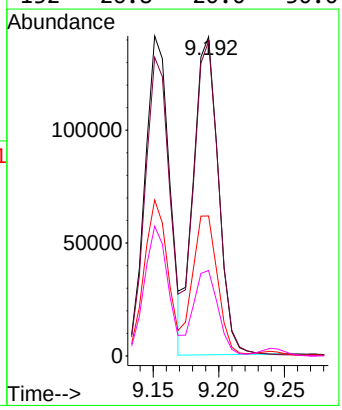
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

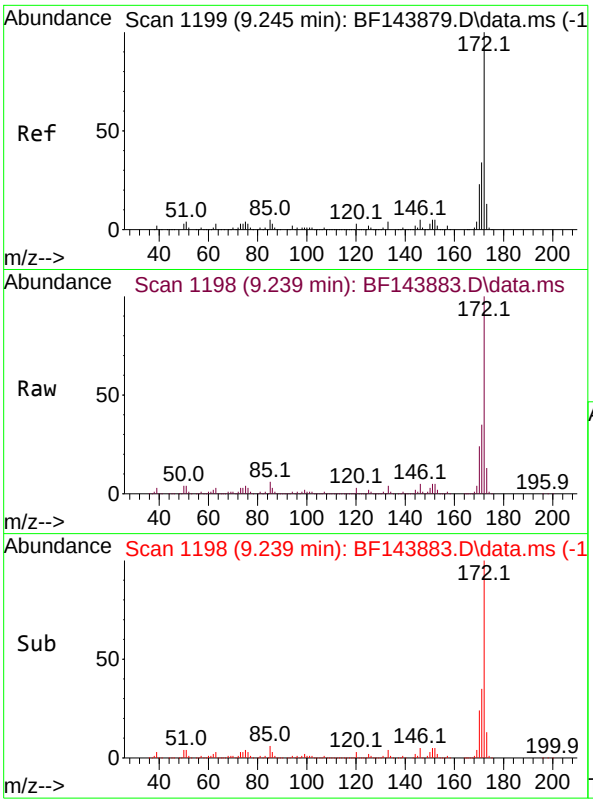


#44
2,4,5-Trichlorophenol
Concen: 35.194 ng
RT: 9.192 min Scan# 1190
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

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

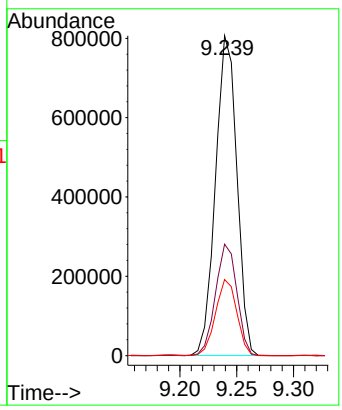




#45
2-Fluorobiphenyl
Concen: 67.621 ng
RT: 9.239 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:172 Resp: 105594

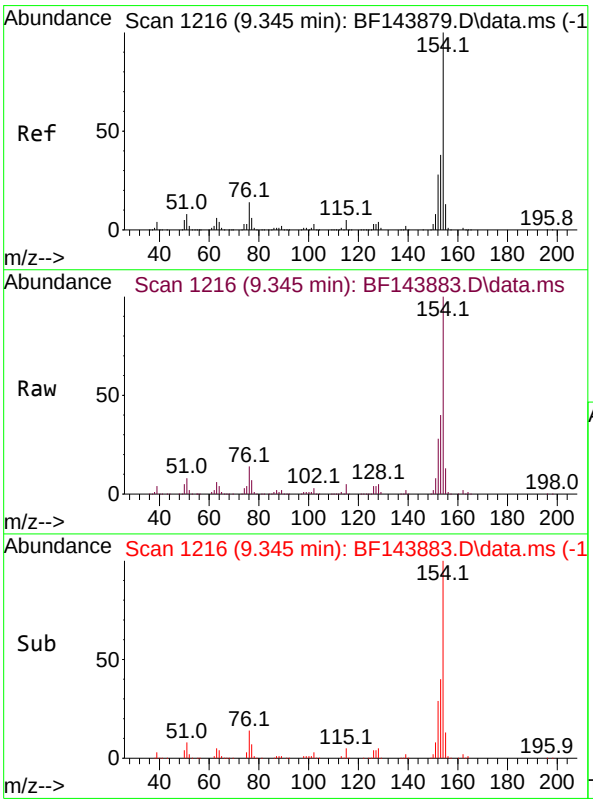
Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.4	41.0
170	23.8	18.6	28.0



Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Manual Integrations APPROVED

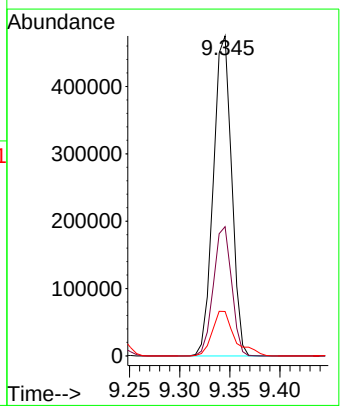
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

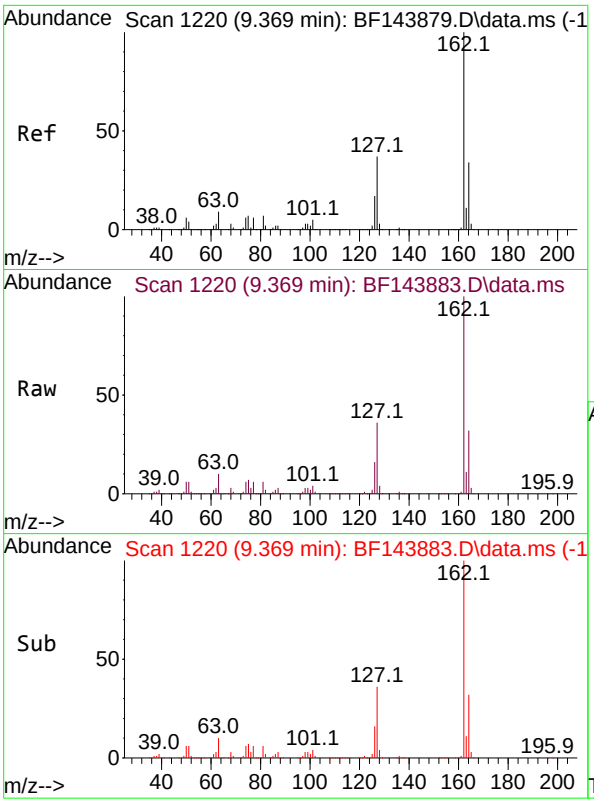


#46
1,1'-Biphenyl
Concen: 36.770 ng
RT: 9.345 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

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

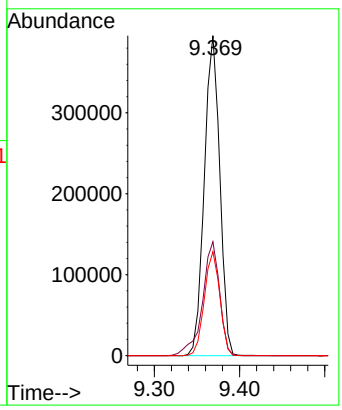




#47
2-Chloronaphthalene
Concen: 36.454 ng
RT: 9.369 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:162 Resp: 49861

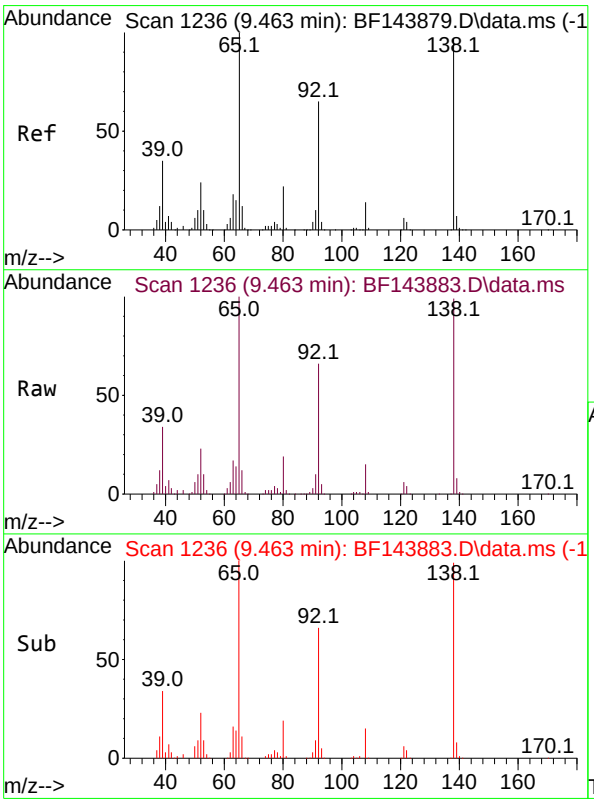
Ion	Ratio	Lower	Upper
162	100		
127	35.6	30.2	45.2
164	32.5	26.9	40.3



Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Manual Integrations APPROVED

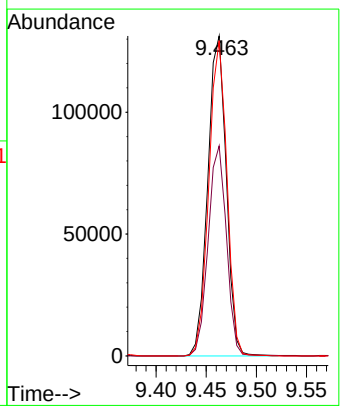
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

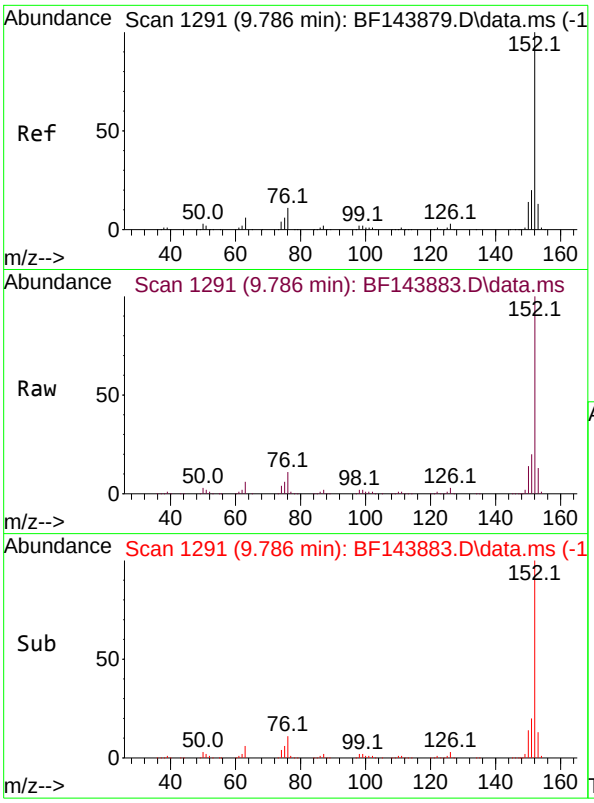


#48
2-Nitroaniline
Concen: 38.894 ng
RT: 9.463 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

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

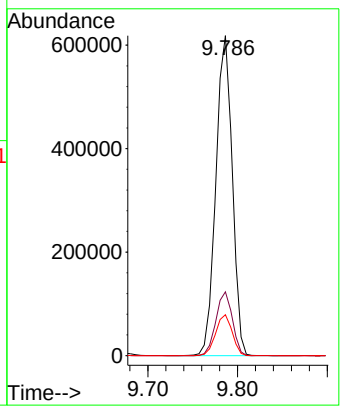




#49
Acenaphthylene
Concen: 40.859 ng
RT: 9.786 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:152 Resp: 78569

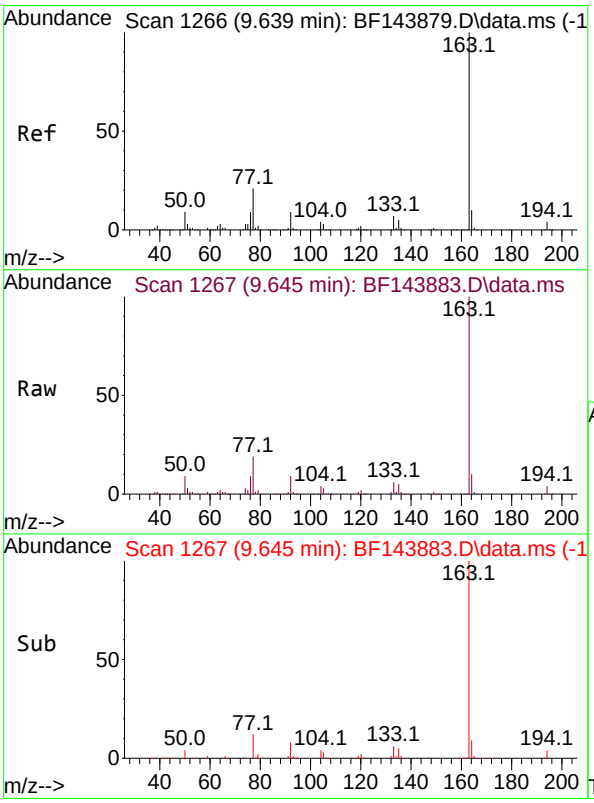
Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.6
153	12.8	10.5	15.7



Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Manual Integrations
APPROVED

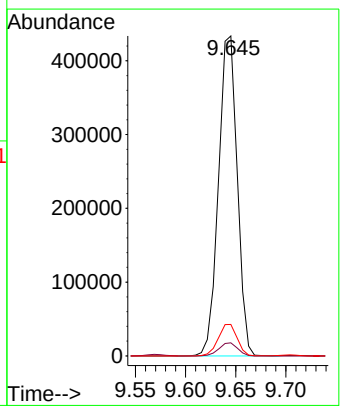
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

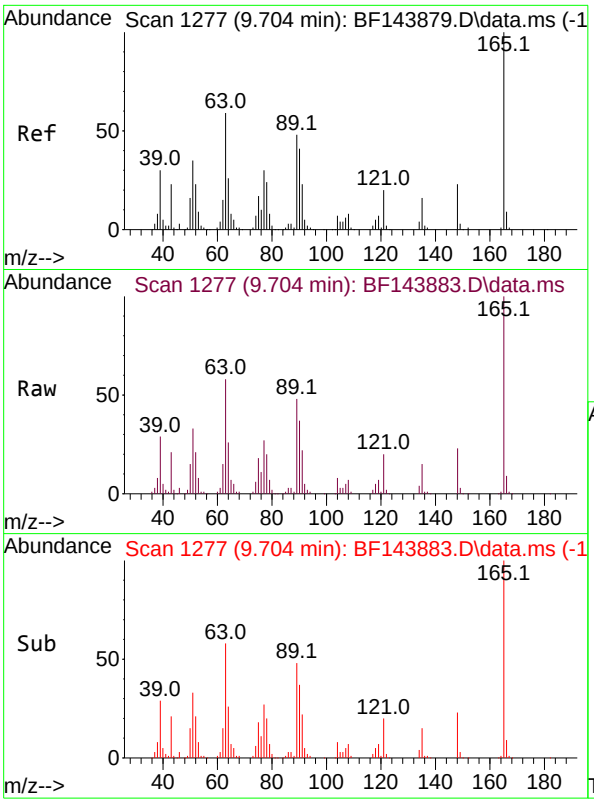


#50
Dimethylphthalate
Concen: 35.968 ng
RT: 9.645 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

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

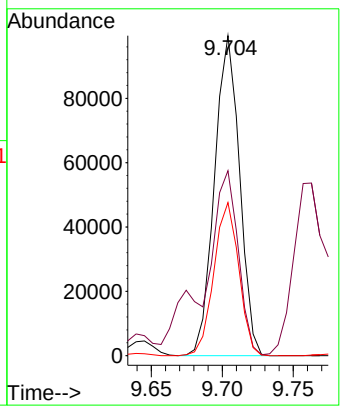




#51
2,6-Dinitrotoluene
Concen: 41.967 ng
RT: 9.704 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:165 Resp: 12244

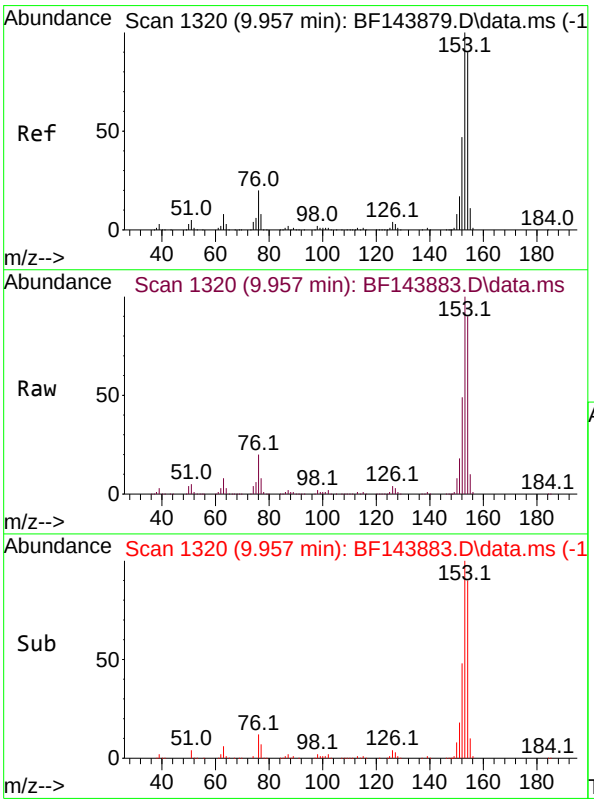
Ion	Ratio	Lower	Upper
165	100		
63	57.8	47.3	70.9
89	47.8	38.2	57.4



Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Manual Integrations
APPROVED

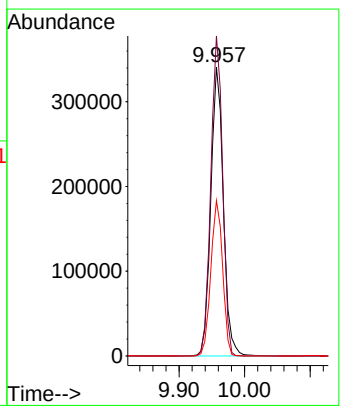
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

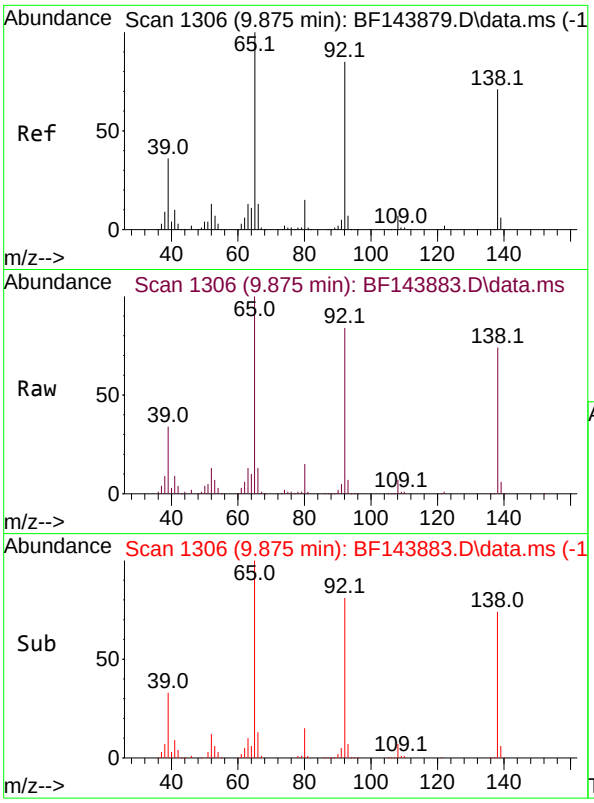


#52
Acenaphthene
Concen: 35.913 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

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

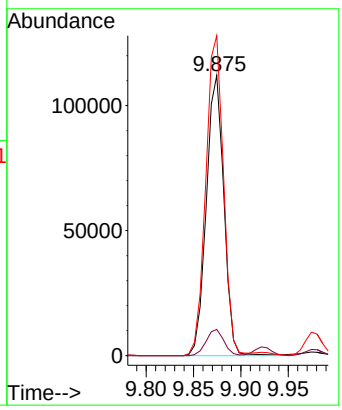




#53
3-Nitroaniline
Concen: 40.493 ng
RT: 9.875 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:138 Resp: 14466

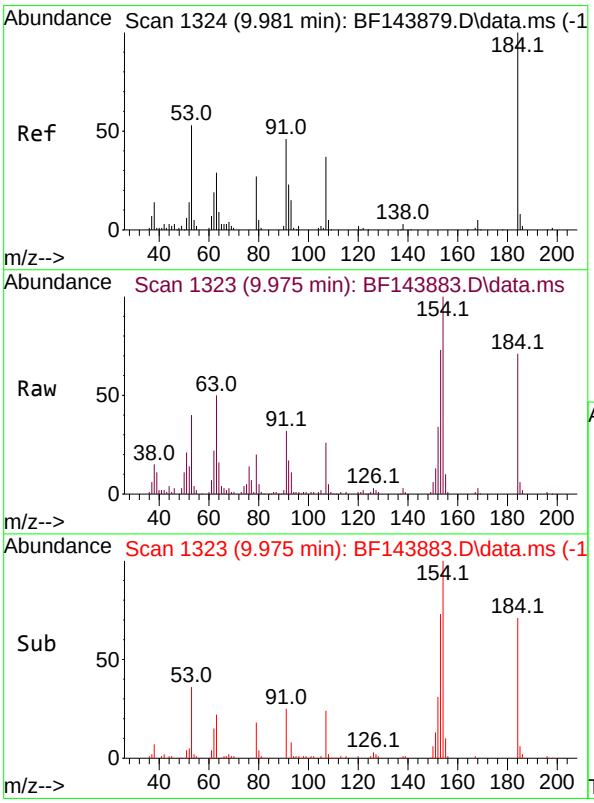
Ion	Ratio	Lower	Upper
138	100		
108	9.3	8.3	12.5
92	114.2	96.2	144.2



Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Manual Integrations APPROVED

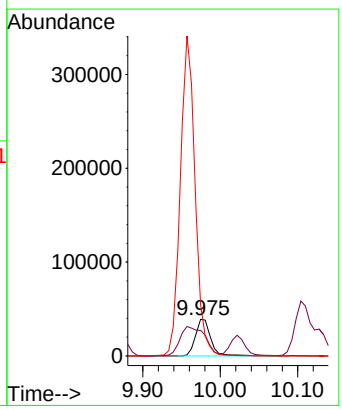
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

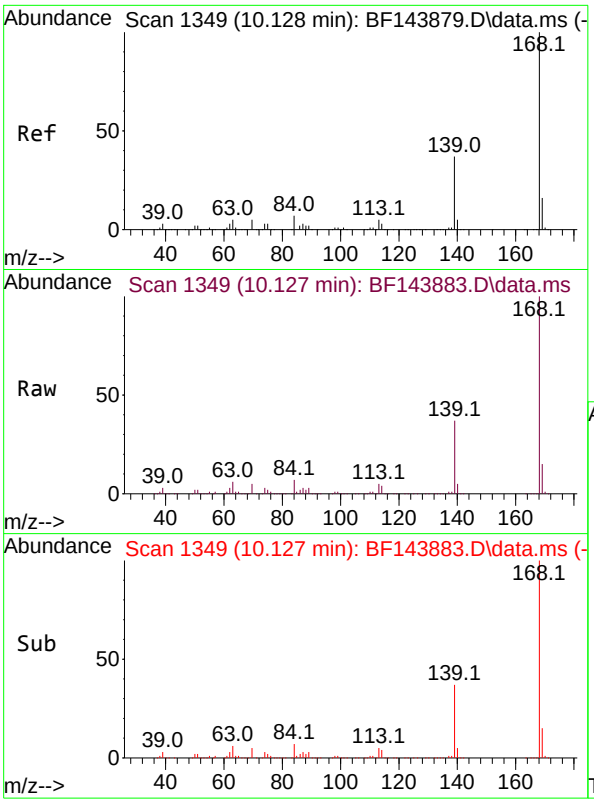


#54
2,4-Dinitrophenol
Concen: 33.731 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.011 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

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#

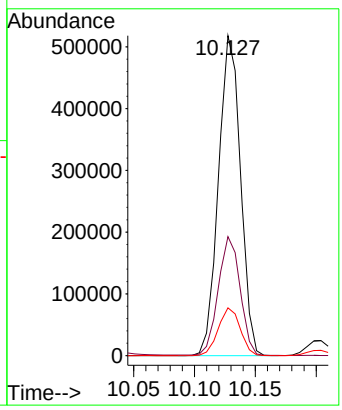




#55
Dibenzofuran
Concen: 36.717 ng
RT: 10.127 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:168 Resp: 65307

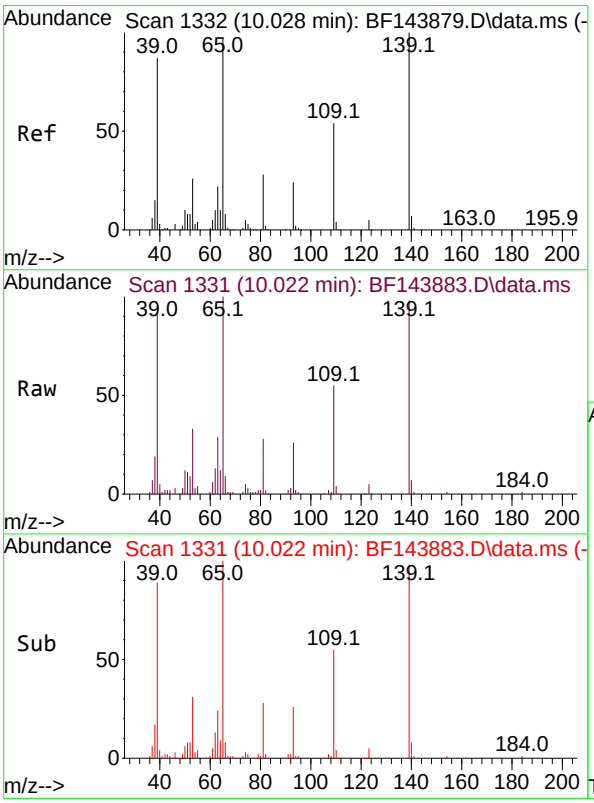
Ion	Ratio	Lower	Upper
168	100		
139	37.2	29.8	44.8
169	15.0	12.8	19.2



Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Manual Integrations APPROVED

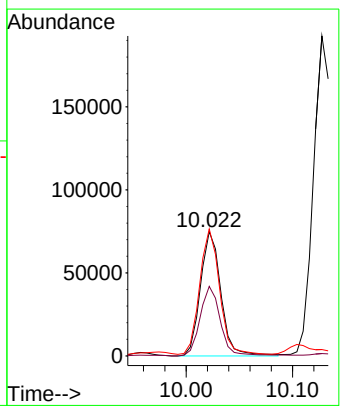
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

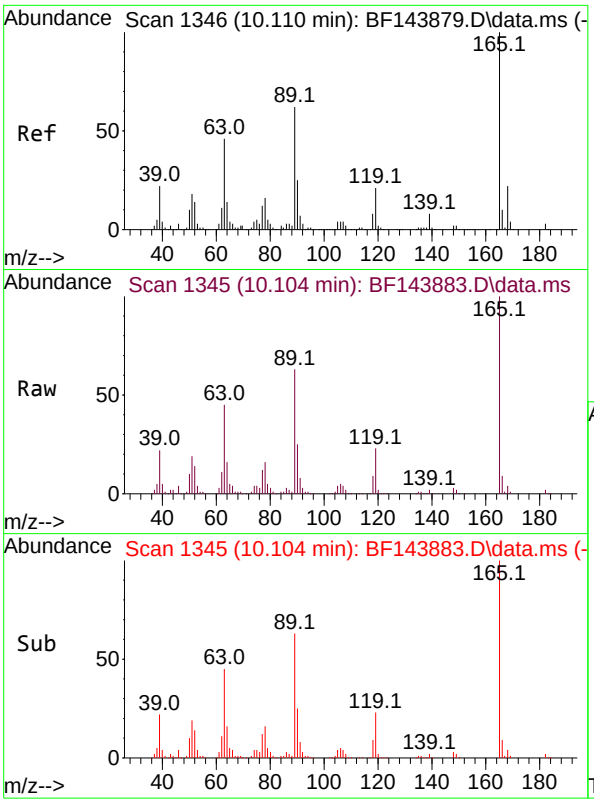


#56
4-Nitrophenol
Concen: 36.850 ng
RT: 10.022 min Scan# 1331
Delta R.T. -0.017 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

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

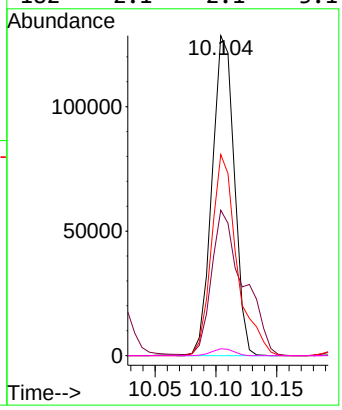




#57
2,4-Dinitrotoluene
Concen: 41.169 ng
RT: 10.104 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:165 Resp: 16344

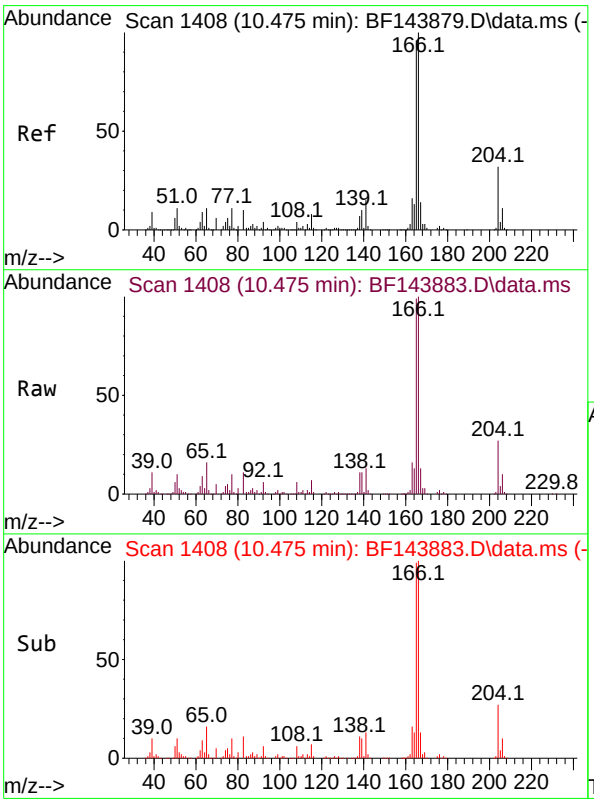
Ion	Ratio	Lower	Upper
165	100		
63	45.4	37.2	55.8
89	62.8	49.4	74.2
182	2.1	2.1	3.1



Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Manual Integrations
APPROVED

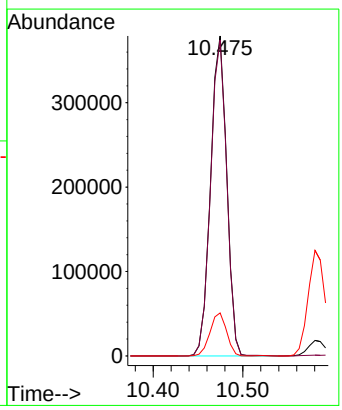
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

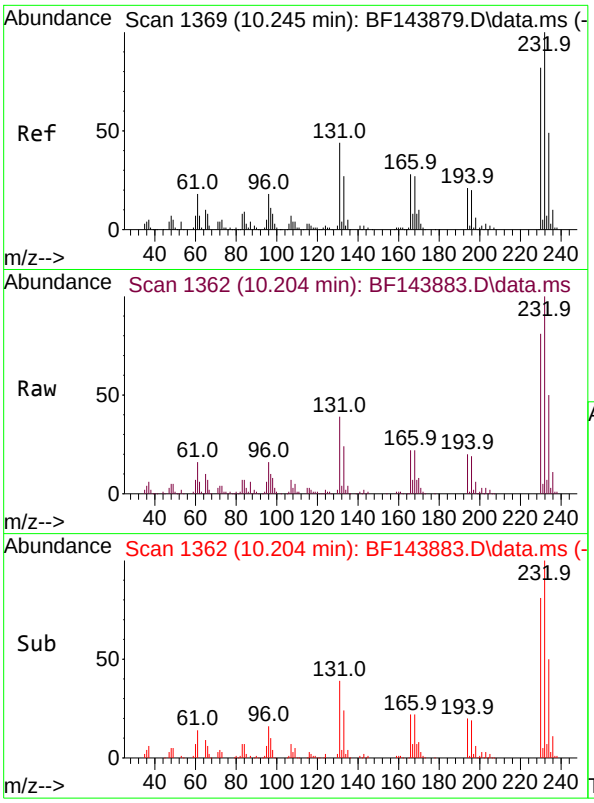


#58
Fluorene
Concen: 35.527 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

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

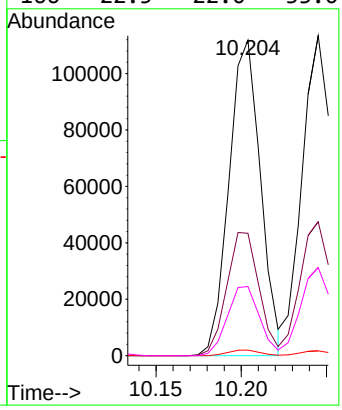




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.488 ng
RT: 10.204 min Scan# 1
Delta R.T. -0.047 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:232 Resp: 144064

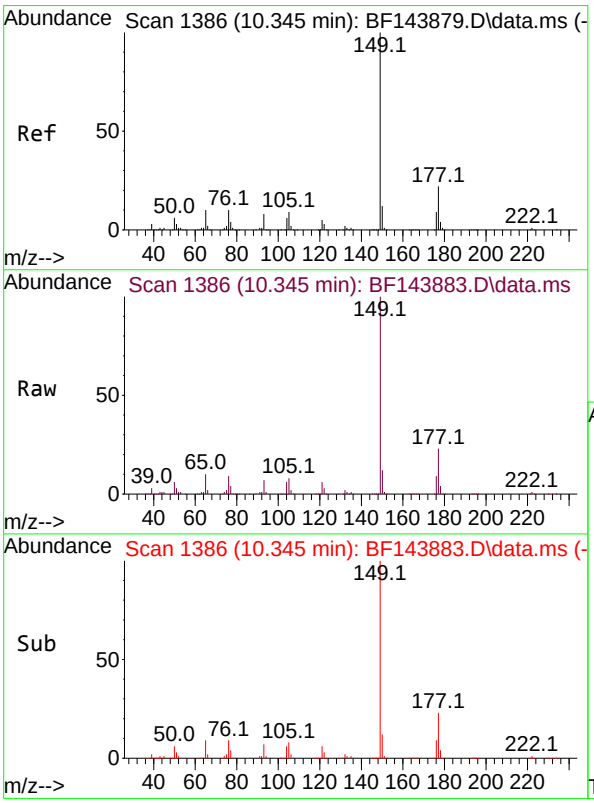
Ion	Ratio	Lower	Upper
232	100		
131	40.0	34.9	52.3
130	1.8	1.6	2.4
166	22.5	22.0	33.0



Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Manual Integrations
APPROVED

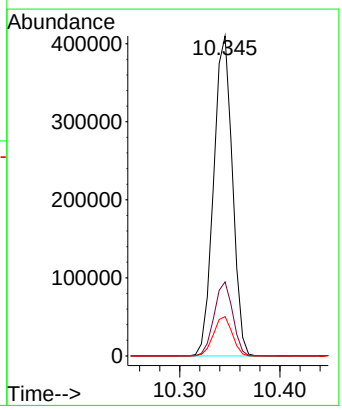
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

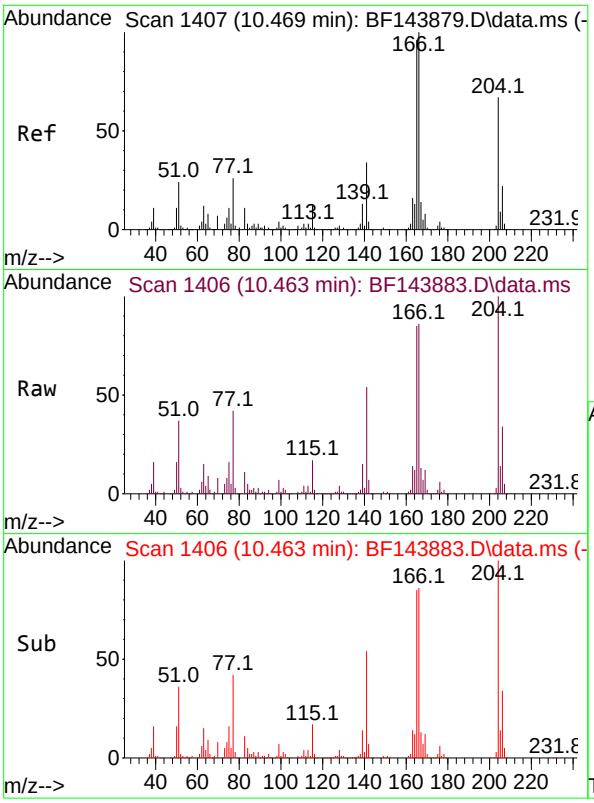


#60
Diethylphthalate
Concen: 36.501 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

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

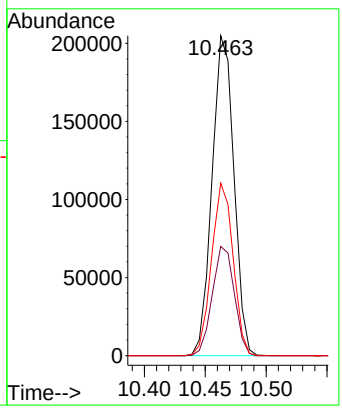




#61
4-Chlorophenyl-phenylether
Concen: 36.113 ng
RT: 10.463 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:204 Resp: 25624

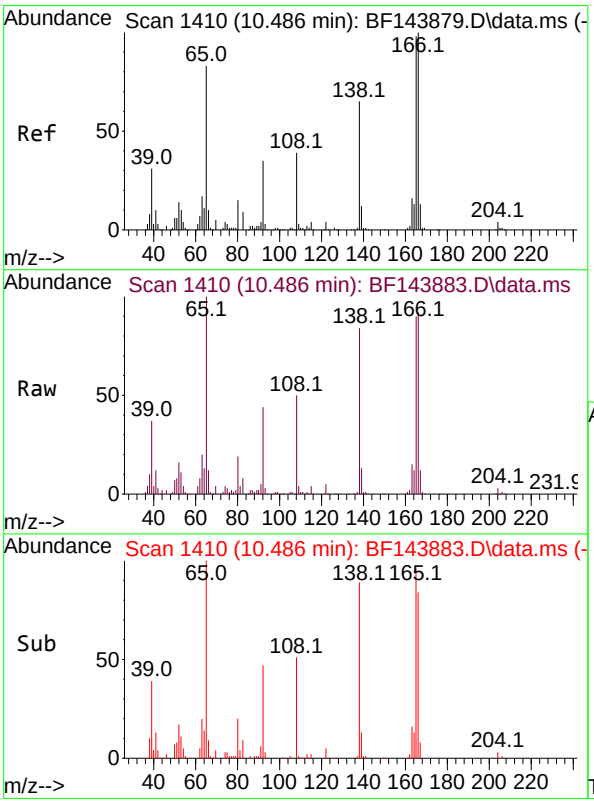
Ion	Ratio	Lower	Upper
204	100		
206	34.1	26.6	40.0
141	53.9	40.4	60.6



Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Manual Integrations
APPROVED

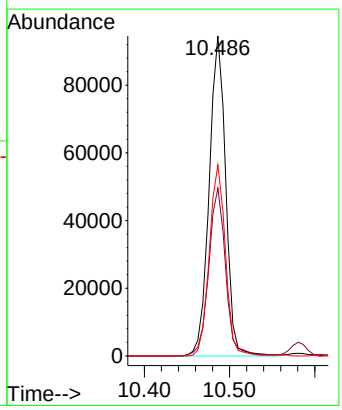
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

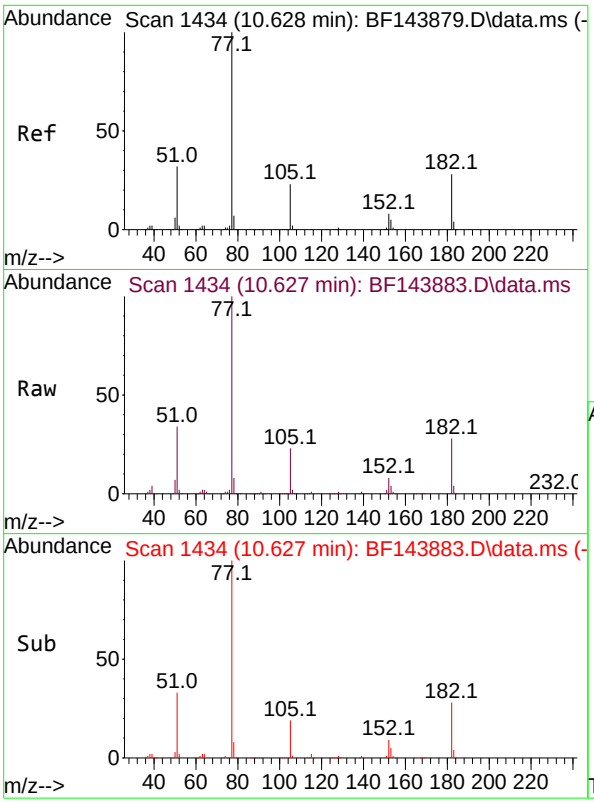


#62
4-Nitroaniline
Concen: 37.074 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.023 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

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

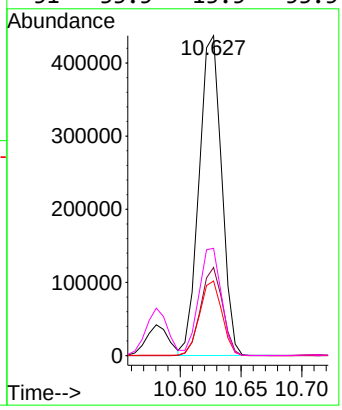




#63
Azobenzene
Concen: 36.837 ng
RT: 10.627 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion: 77 Resp: 56278

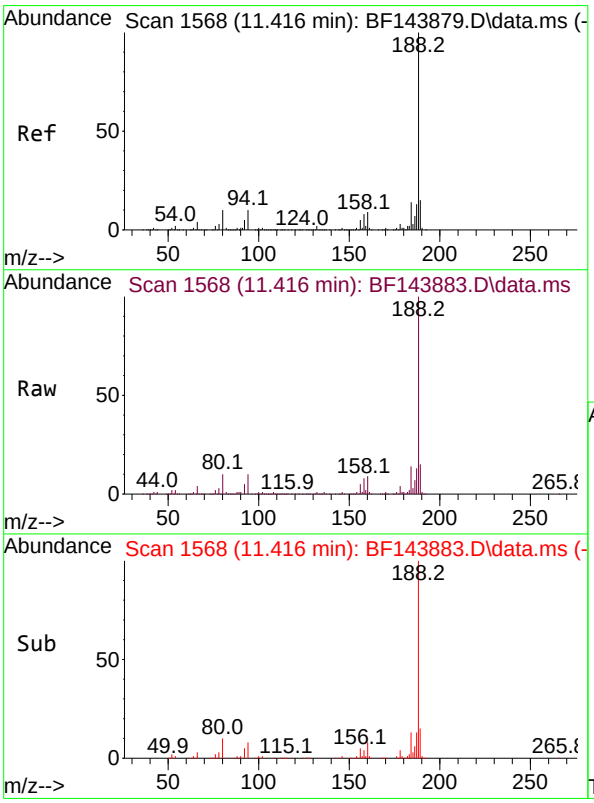
Ion	Ratio	Lower	Upper
77	100		
182	27.5	7.3	47.3
105	23.3	3.0	43.0
51	33.5	13.5	53.5



Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Manual Integrations APPROVED

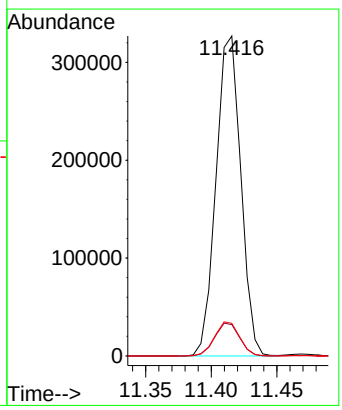
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

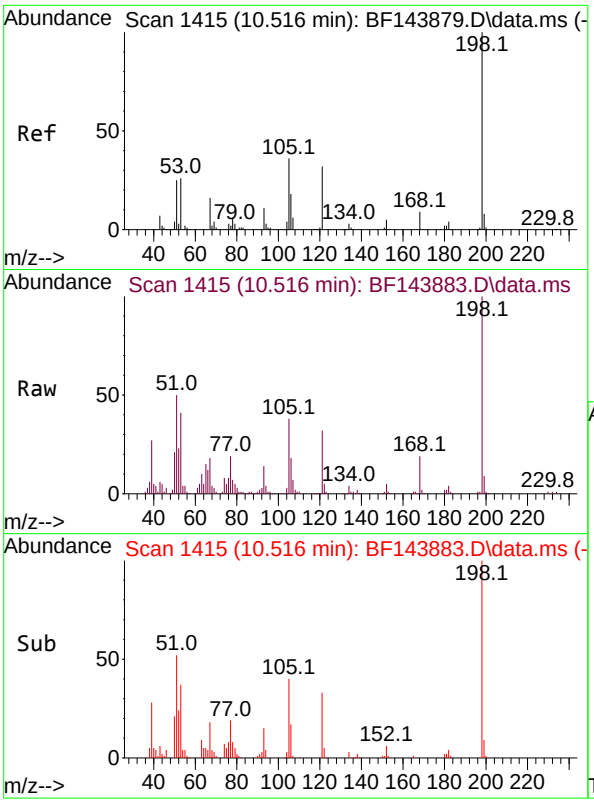


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

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

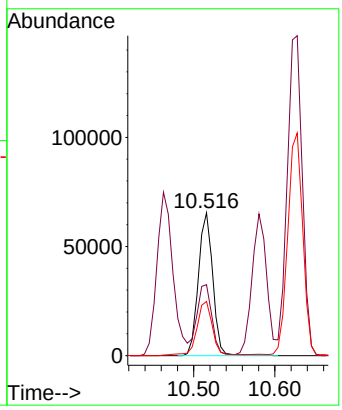
Tgt Ion:198 Resp: 8042

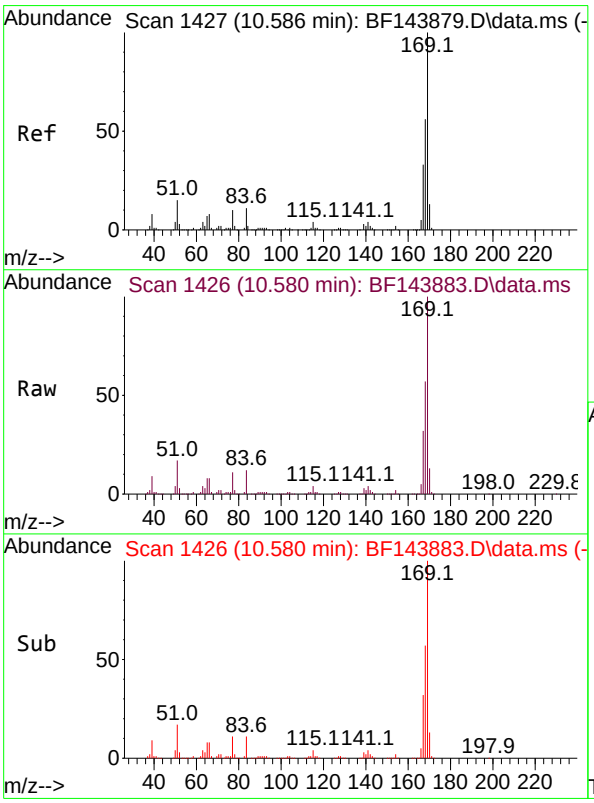
Ion	Ratio	Lower	Upper
198	100		
51	49.7	33.8	73.8
105	37.9	17.0	57.0

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Manual Integrations
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Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

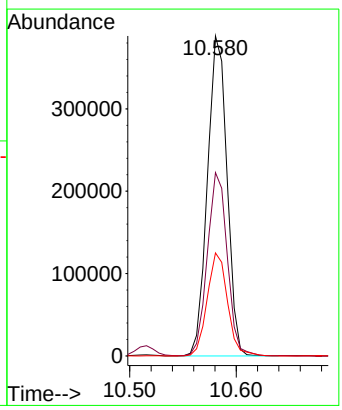


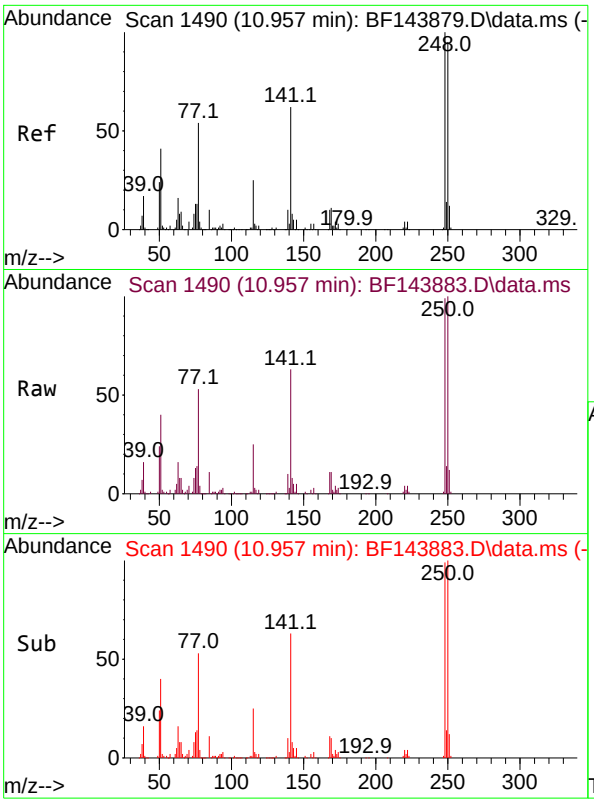


#66
n-Nitrosodiphenylamine
Concen: 36.649 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

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

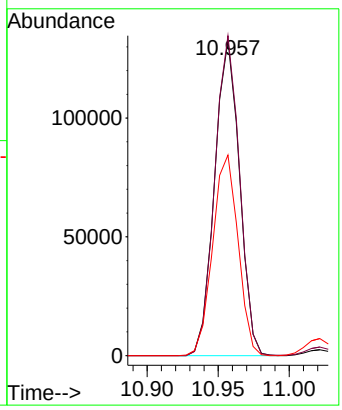




#67
4-Bromophenyl-phenylether
Concen: 33.973 ng
RT: 10.957 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:248 Resp: 16203

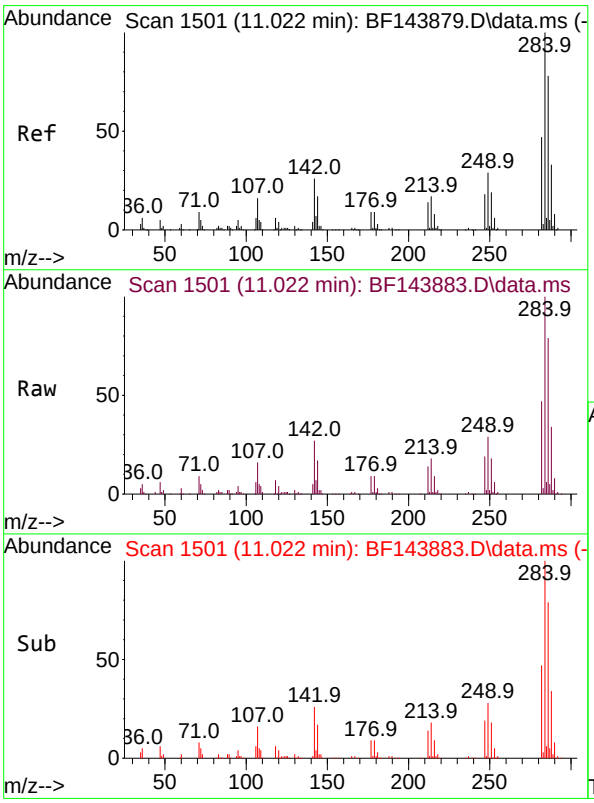
Ion	Ratio	Lower	Upper
248	100		
250	101.4	76.3	114.5
141	63.6	49.7	74.5



Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Manual Integrations
APPROVED

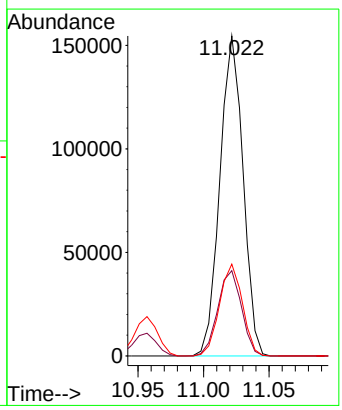
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

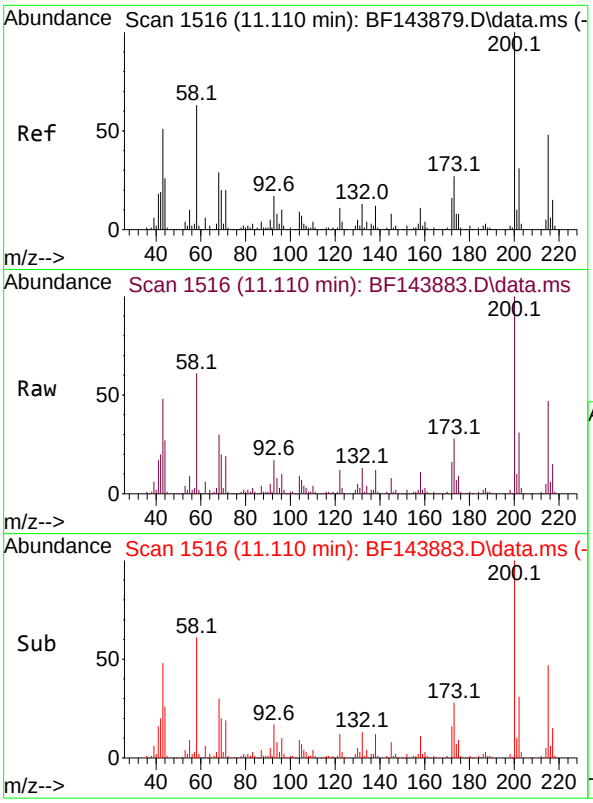


#68
Hexachlorobenzene
Concen: 34.415 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

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

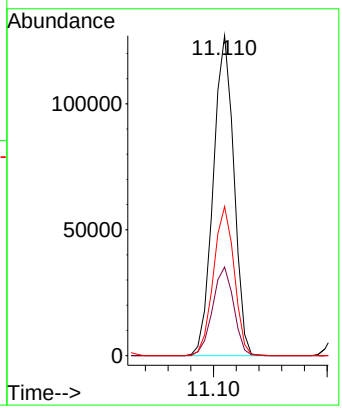




#69
Atrazine
Concen: 39.016 ng
RT: 11.110 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:200 Resp: 16024

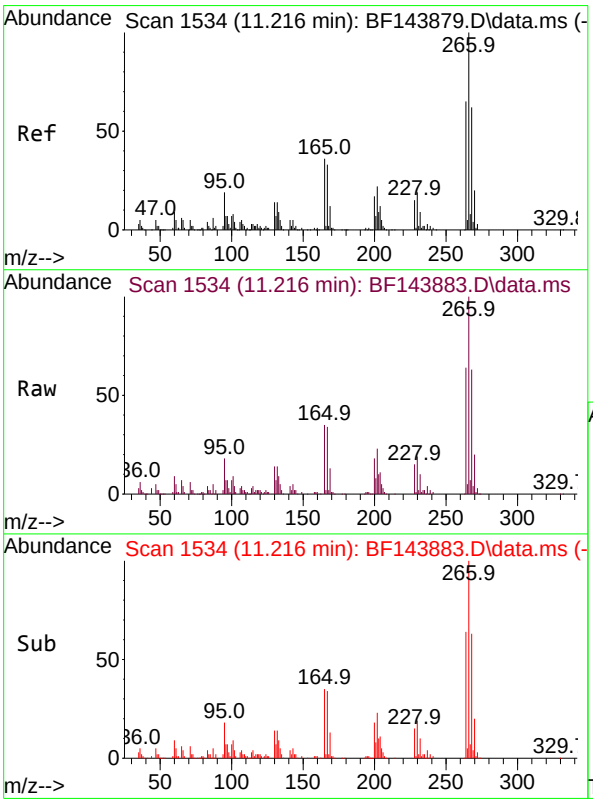
Ion	Ratio	Lower	Upper
200	100		
173	27.7	7.0	47.0
215	46.6	27.8	67.8



Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Manual Integrations APPROVED

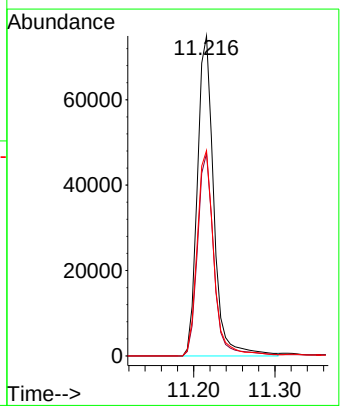
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

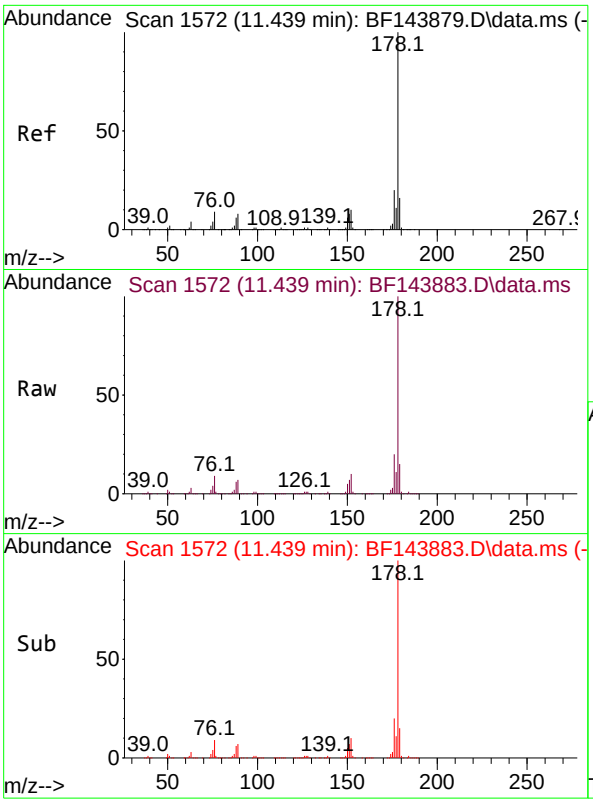


#70
Pentachlorophenol
Concen: 33.097 ng
RT: 11.216 min Scan# 1534
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

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

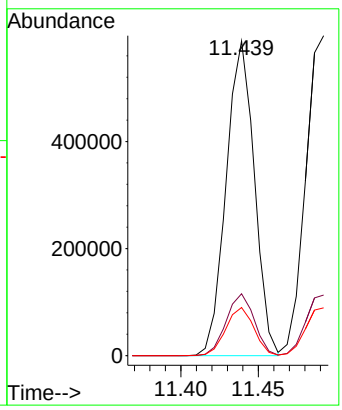




#71
Phenanthrene
Concen: 35.542 ng
RT: 11.439 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:178 Resp: 74360

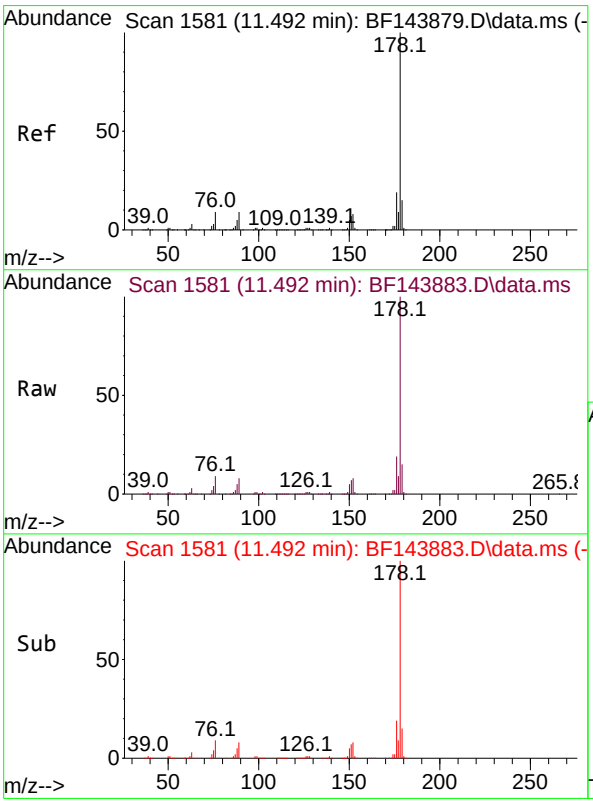
Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	15.3	12.4	18.6



Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Manual Integrations APPROVED

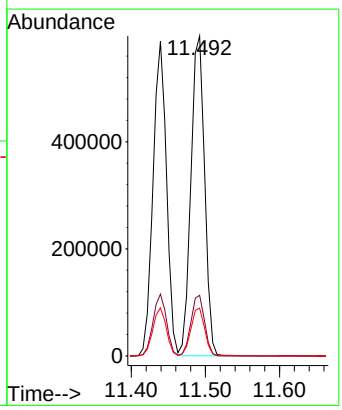
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

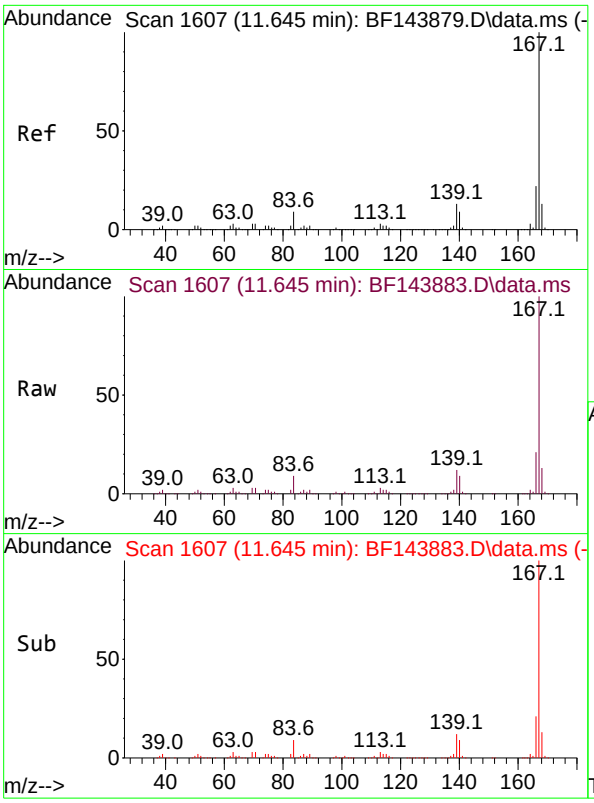


#72
Anthracene
Concen: 36.273 ng
RT: 11.492 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

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

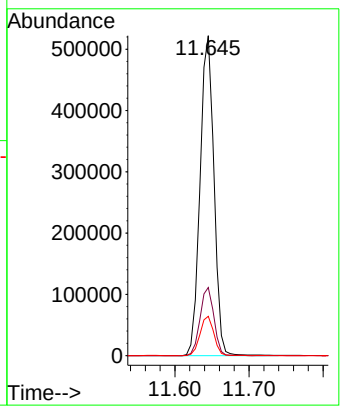




#73
Carbazole
Concen: 36.246 ng
RT: 11.645 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:167 Resp: 67852

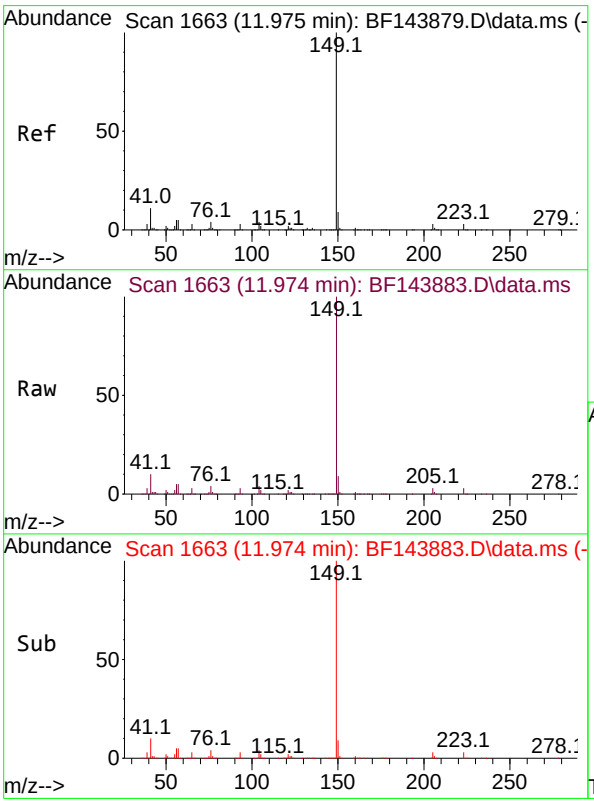
Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.2	25.8
139	12.3	10.1	15.1



Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Manual Integrations
APPROVED

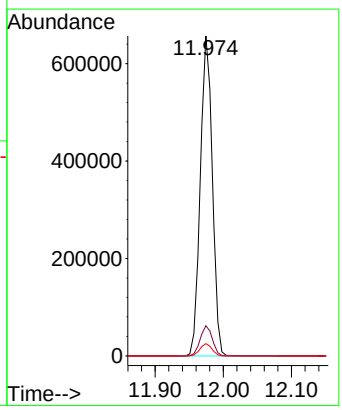
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

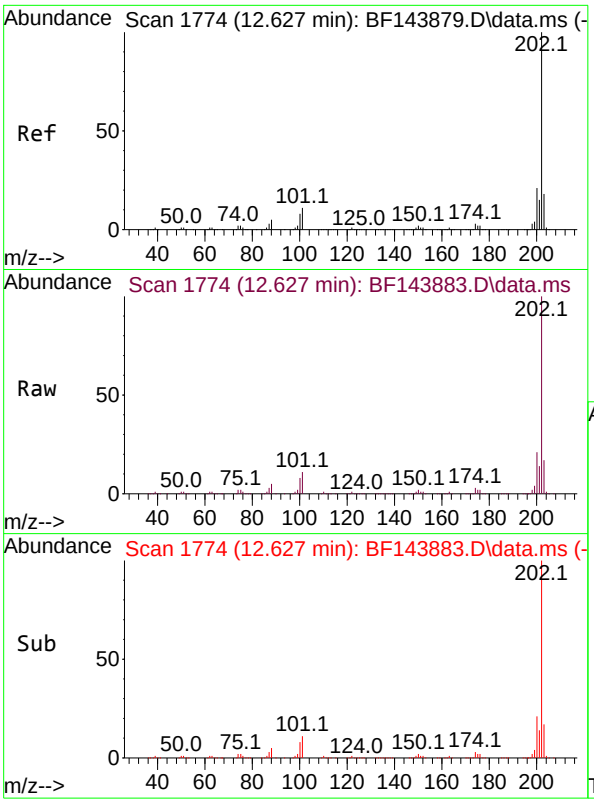


#74
Di-n-butylphthalate
Concen: 37.171 ng
RT: 11.974 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

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

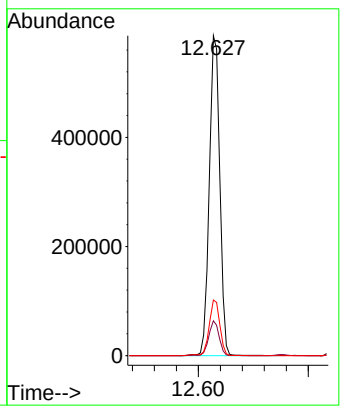




#75
Fluoranthene
Concen: 36.019 ng
RT: 12.627 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:202 Resp: 778418

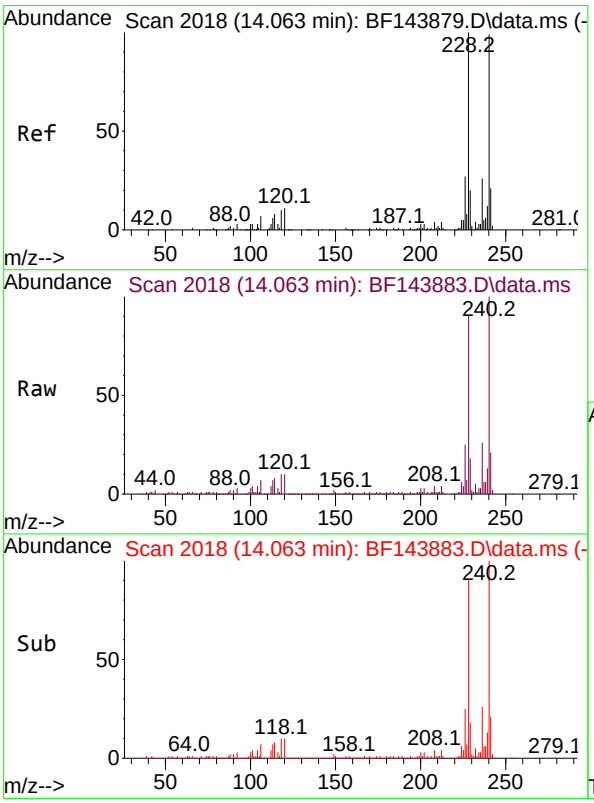
Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	30.7
203	17.4	0.0	37.8



Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Manual Integrations APPROVED

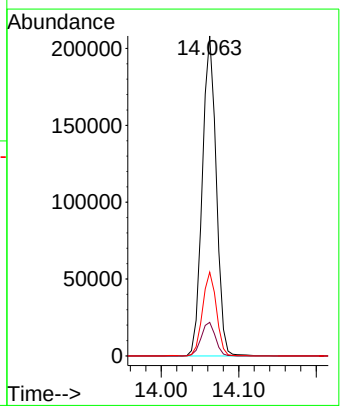
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

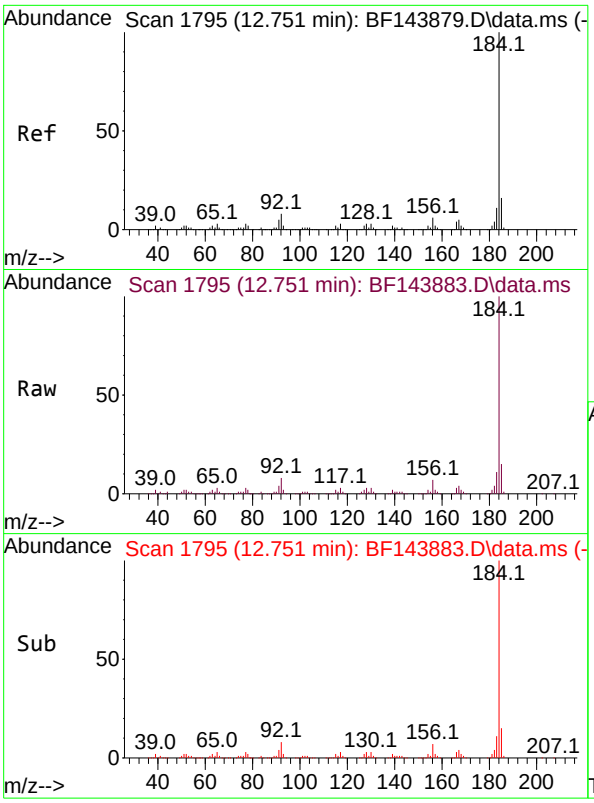


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.005 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

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

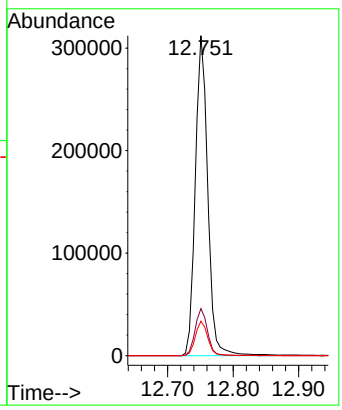




#77
Benzidine
Concen: 45.411 ng
RT: 12.751 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:184 Resp: 40965

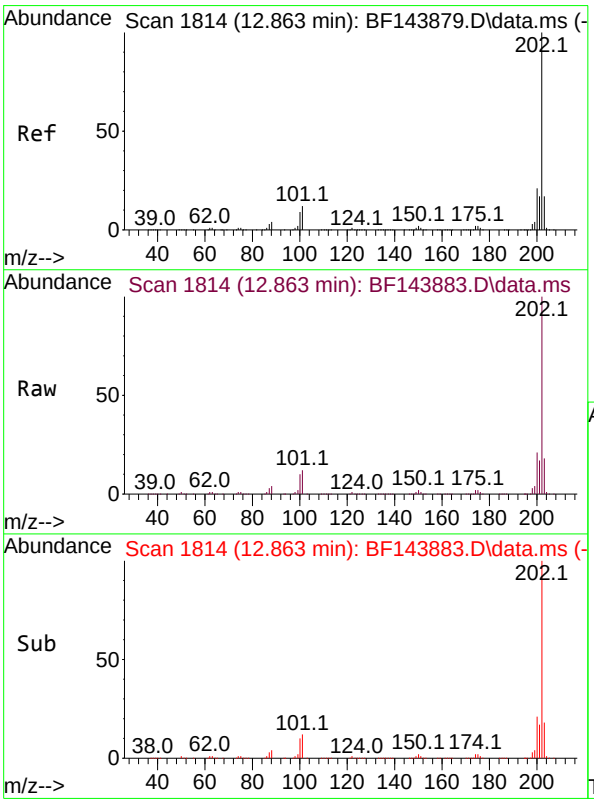
Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.6	18.8
183	10.8	8.8	13.2



Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Manual Integrations APPROVED

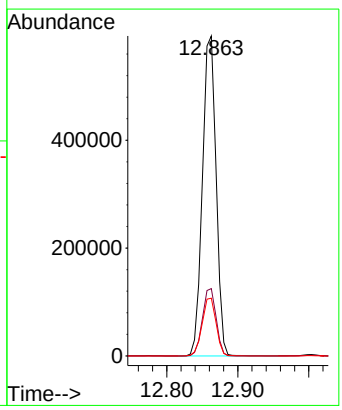
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

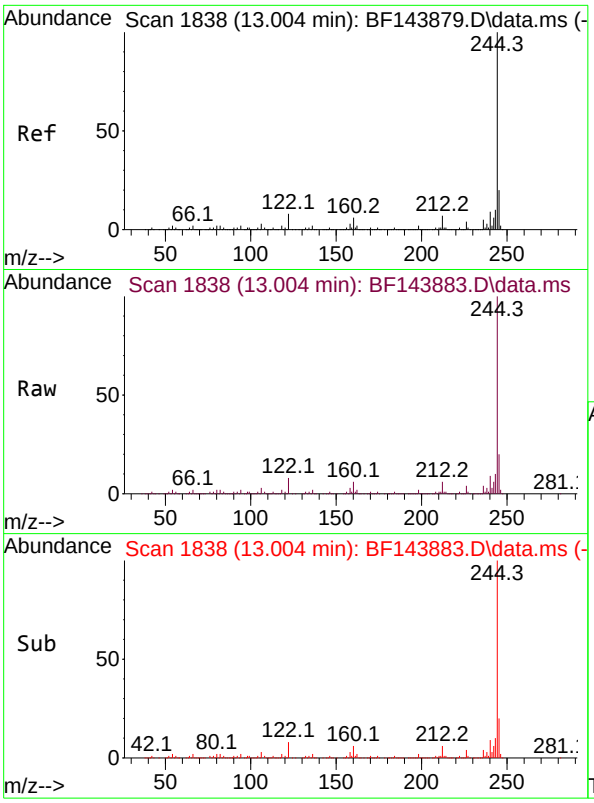


#78
Pyrene
Concen: 36.431 ng
RT: 12.863 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

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

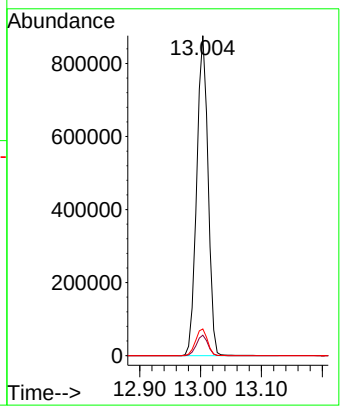




#79
Terphenyl-d14
Concen: 74.443 ng
RT: 13.004 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:244 Resp: 113163

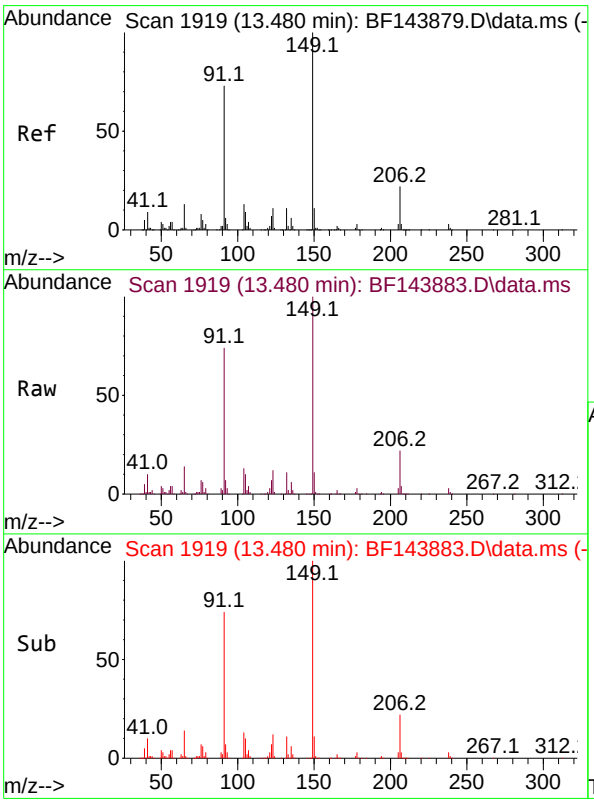
Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	8.3	6.4	9.6



Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Manual Integrations APPROVED

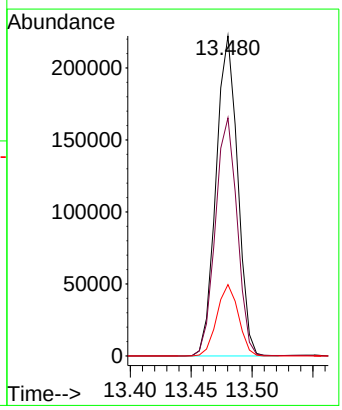
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

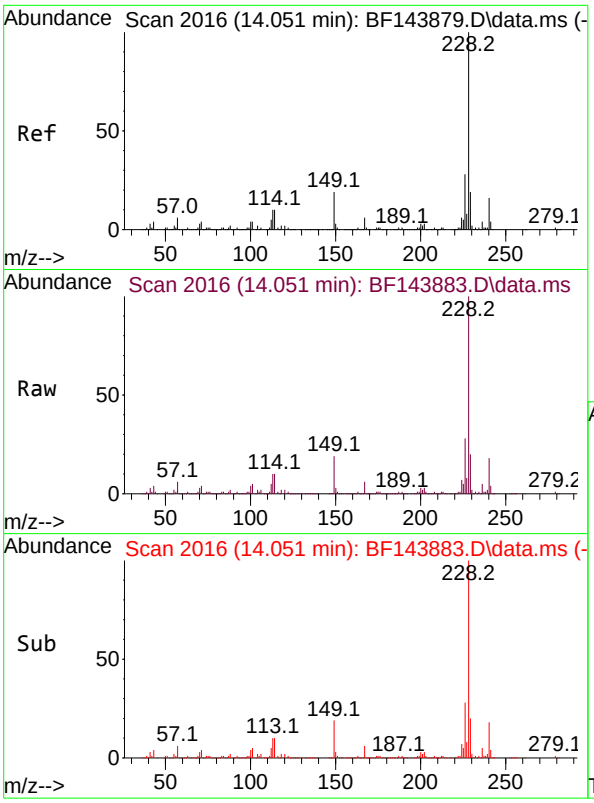


#80
Butylbenzylphthalate
Concen: 38.986 ng
RT: 13.480 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

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

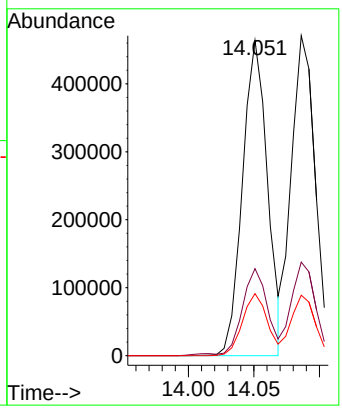




#81
Benzo(a)anthracene
Concen: 36.142 ng
RT: 14.051 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:228 Resp: 61447

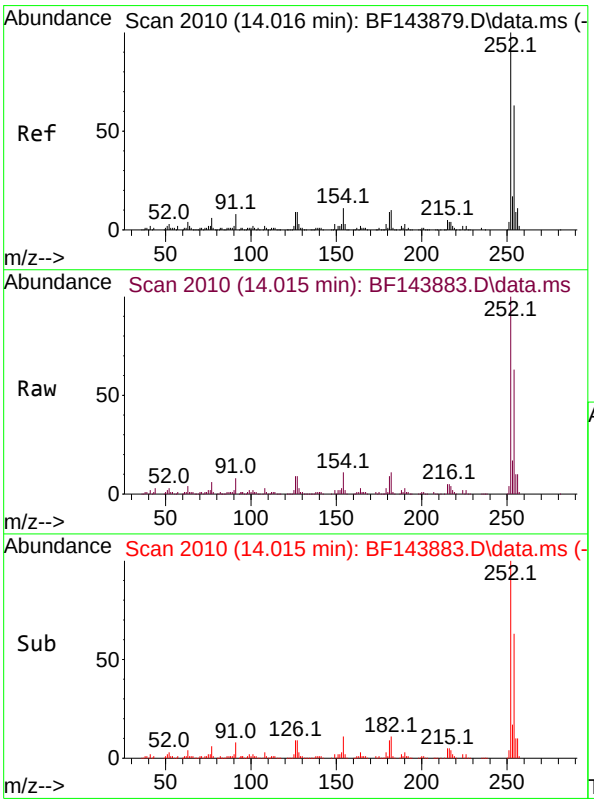
Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.2	33.2
229	19.7	15.6	23.4



Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Manual Integrations APPROVED

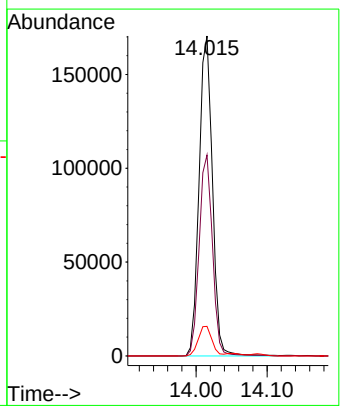
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

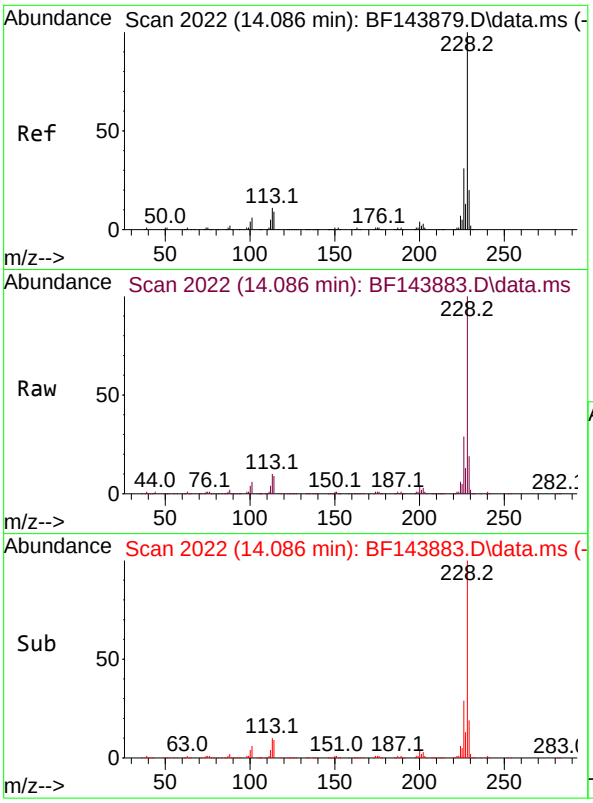


#82
3,3'-Dichlorobenzidine
Concen: 42.747 ng
RT: 14.015 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

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

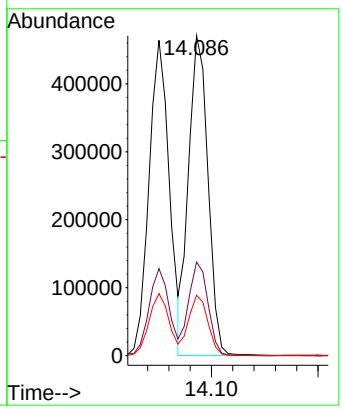




#83
Chrysene
Concen: 37.792 ng
RT: 14.086 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:228 Resp: 59466

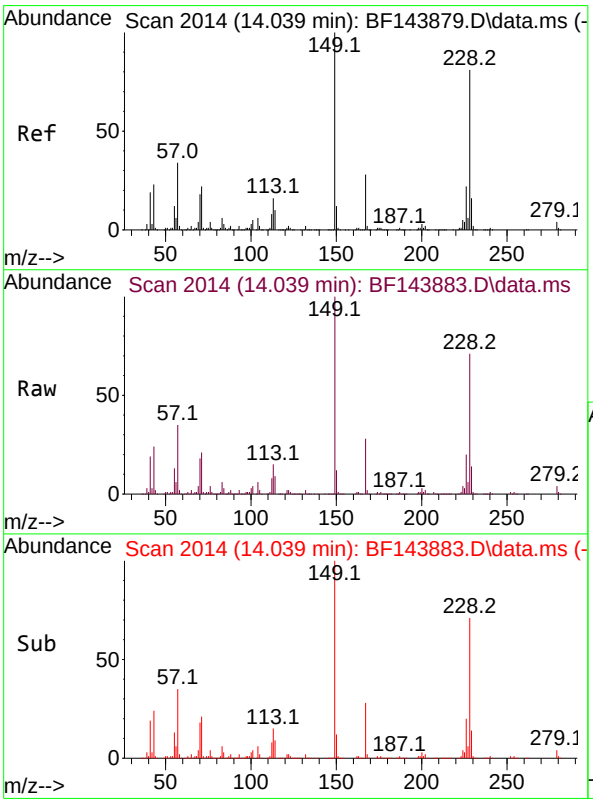
Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.4	36.6
229	18.9	15.9	23.9



Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Manual Integrations APPROVED

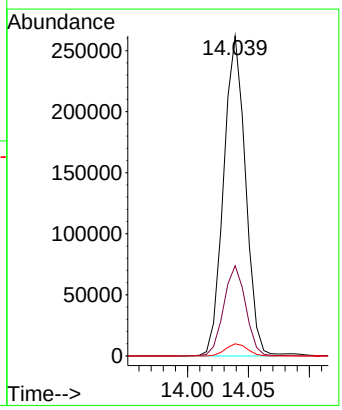
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

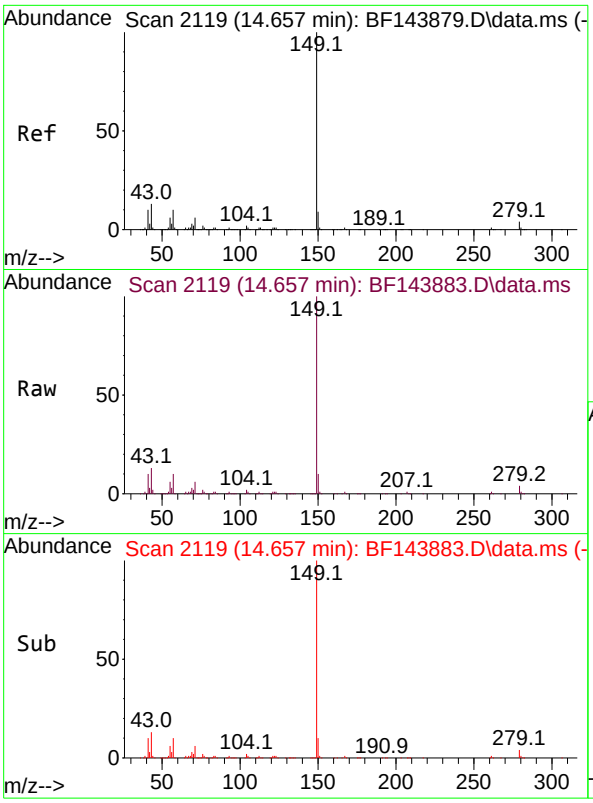


#84
Bis(2-ethylhexyl)phthalate
Concen: 38.560 ng
RT: 14.039 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

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

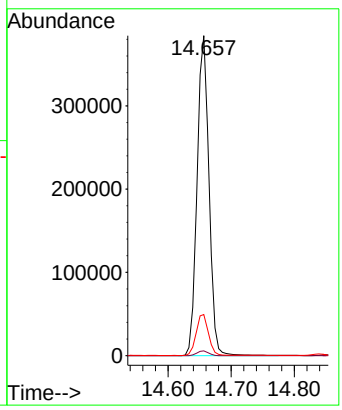




#85
Di-n-octyl phthalate
Concen: 36.116 ng
RT: 14.657 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:149 Resp: 502989

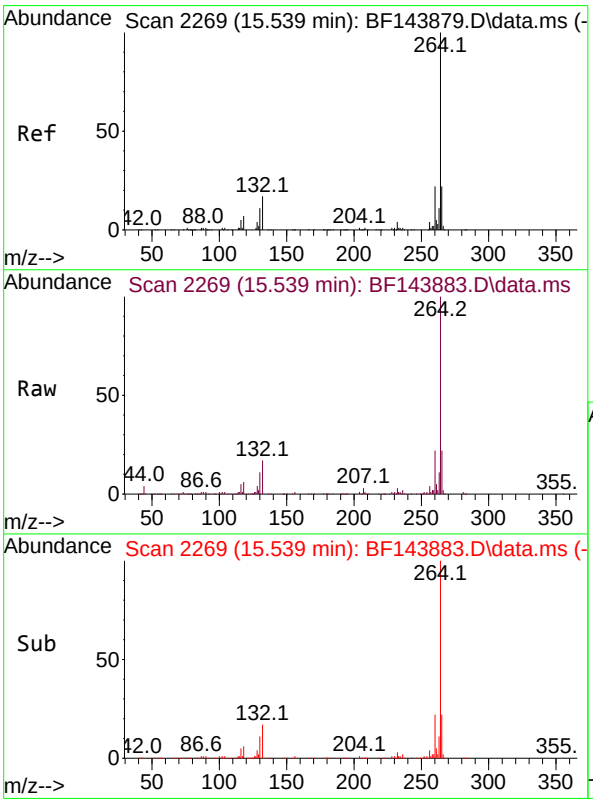
Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.1	1.7
43	13.2	11.0	16.4



Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Manual Integrations APPROVED

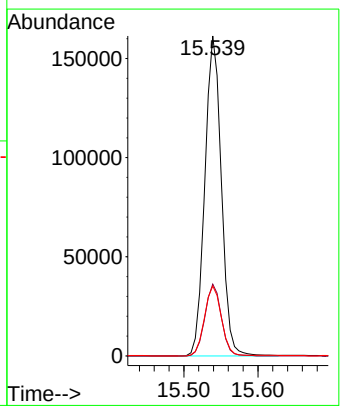
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

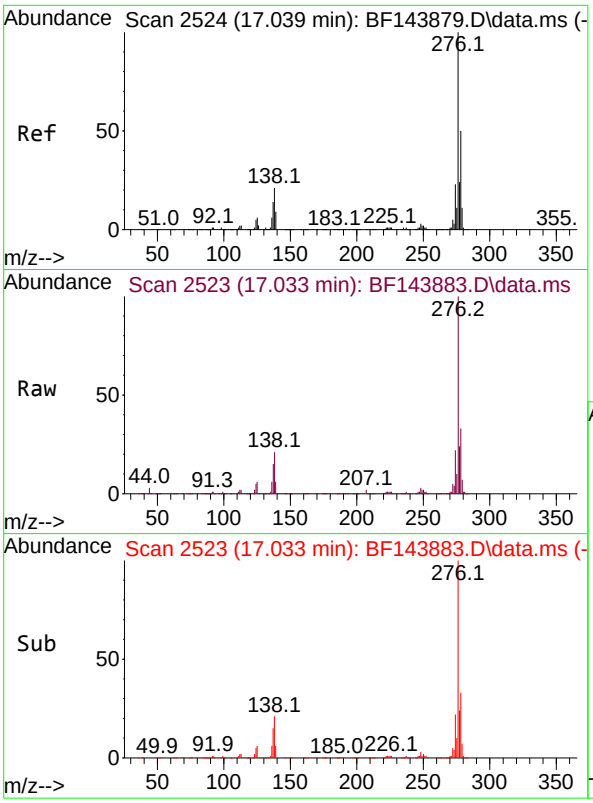


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

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

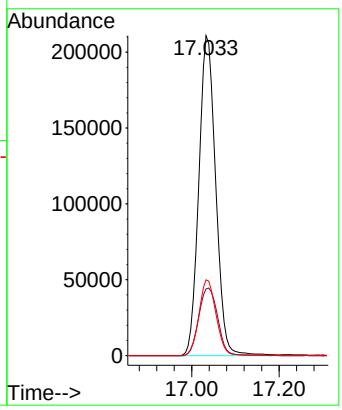




#87
Indeno(1,2,3-cd)pyrene
Concen: 36.867 ng
RT: 17.033 min Scan# 2
Delta R.T. -0.023 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:276 Resp: 56349

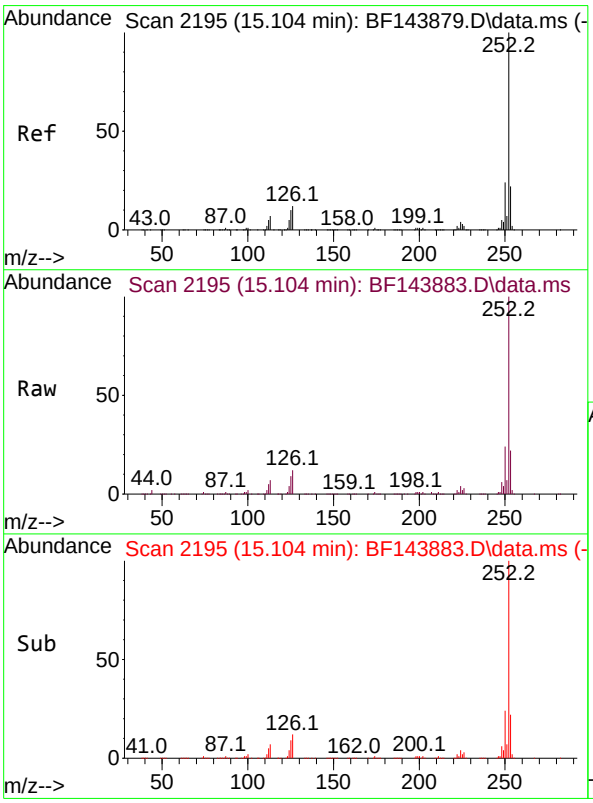
Ion	Ratio	Lower	Upper
276	100		
138	23.7	18.2	27.2
277	23.8	19.8	29.6



Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Manual Integrations APPROVED

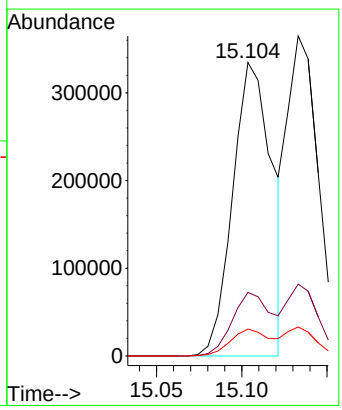
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

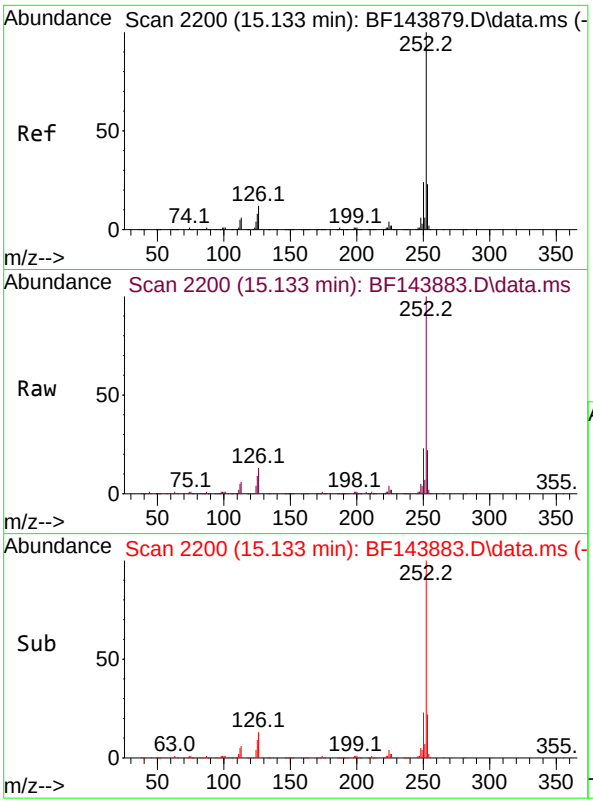


#88
Benzo(b)fluoranthene
Concen: 37.533 ng
RT: 15.104 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

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

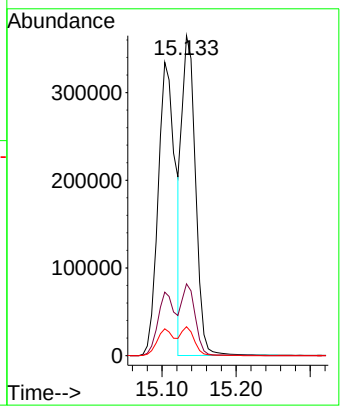
Tgt Ion:252 Resp: 46739

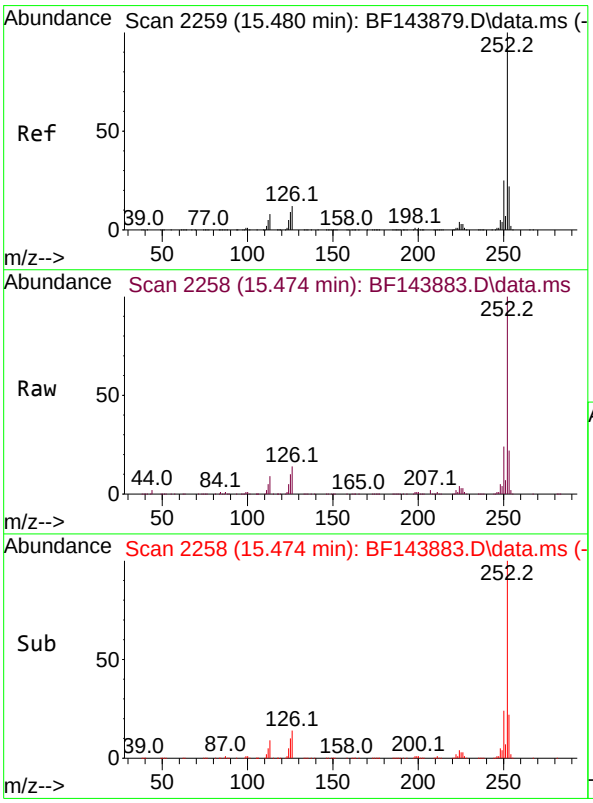
Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	9.0	7.4	11.2

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

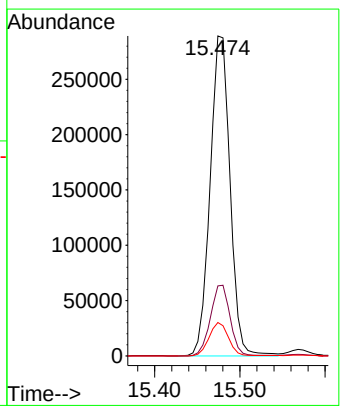


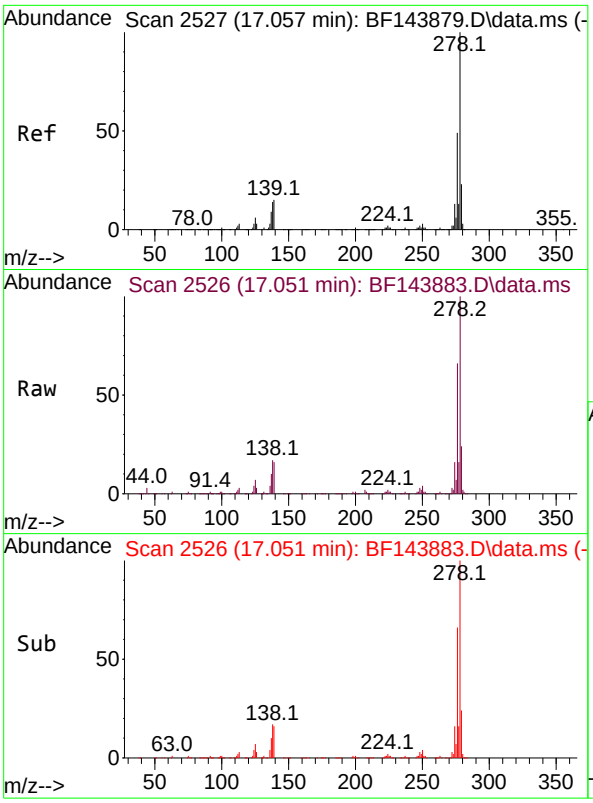


#90
Benzo(a)pyrene
Concen: 37.900 ng
RT: 15.474 min Scan# 2258
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

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

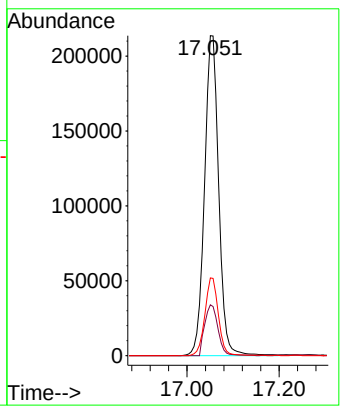




#91
Dibenzo(a,h)anthracene
Concen: 36.995 ng
RT: 17.051 min Scan# 2
Delta R.T. -0.029 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:278 Resp: 45477

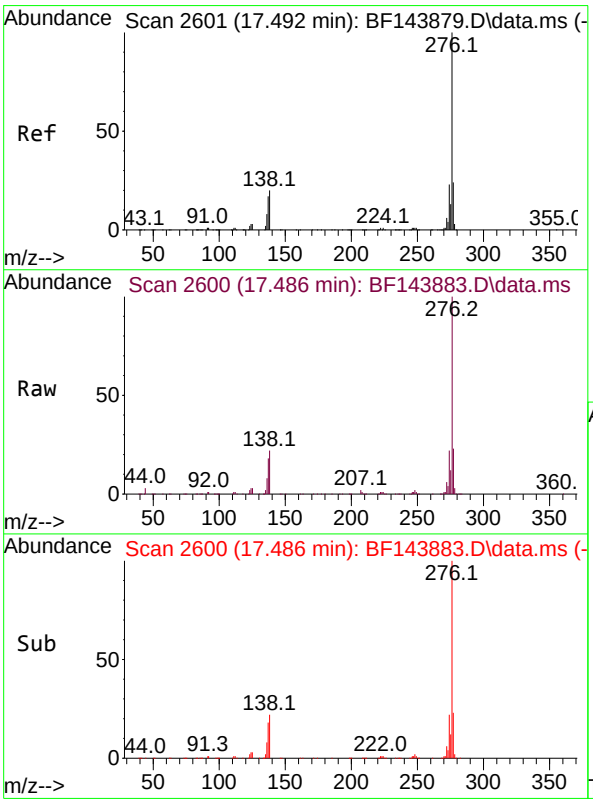
Ion	Ratio	Lower	Upper
278	100		
139	15.9	11.7	17.5
279	24.3	18.4	27.6



Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Manual Integrations
APPROVED

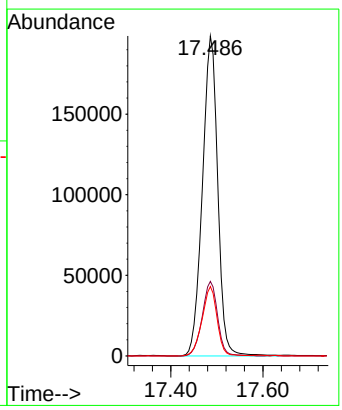
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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



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

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	92	0.00
2		1,4-Dioxane	0.583	0.543	6.9	82	0.00
3		Pyridine	1.697	1.496	11.8	78	0.00
4		n-Nitrosodimethylamine	0.893	0.858	3.9	87	-0.03
5	S	2-Fluorophenol	1.259	1.179	6.4	83	0.00
6		Aniline	2.250	2.134	5.2	84	0.00
7	S	Phenol-d6	1.501	1.398	6.9	83	-0.02
8		2-Chlorophenol	1.231	1.173	4.7	83	0.00
9		Benzaldehyde	1.158	1.075	7.2	74	0.00
10	C	Phenol	1.795	1.683	6.2	84	-0.02
11		bis(2-Chloroethyl)ether	1.386	1.267	8.6	81	-0.01
12		1,3-Dichlorobenzene	1.474	1.394	5.4	84	0.00
13	C	1,4-Dichlorobenzene	1.454	1.395	4.1	86	0.00
14		1,2-Dichlorobenzene	1.392	1.380	0.9	88	0.00
15		Benzyl Alcohol	1.125	1.096	2.6	86	-0.01
16		2,2'-oxybis(1-Chloropropane	3.156	2.964	6.1	84	0.00
17		2-Methylphenol	1.017	0.976	4.0	85	0.00
18		Hexachloroethane	0.485	0.458	5.6	84	0.00
19	P	n-Nitroso-di-n-propylamine	1.028	0.941	8.5	84	-0.02
20		3+4-Methylphenols	1.179	1.176	0.3	85	-0.02
21	I	Naphthalene-d8	1.000	1.000	0.0	94	0.00
22		Acetophenone	0.423	0.399	5.7	86	-0.01
23	S	Nitrobenzene-d5	0.329	0.306	7.0	83	-0.01
24		Nitrobenzene	0.366	0.345	5.7	82	-0.01
25		Isophorone	0.694	0.613	11.7	81	-0.02
26	C	2-Nitrophenol	0.157	0.152	3.2	82	0.00
27		2,4-Dimethylphenol	0.282	0.288	-2.1	91	-0.01
28		bis(2-Chloroethoxy)methane	0.438	0.402	8.2	85	-0.01
29	C	2,4-Dichlorophenol	0.294	0.271	7.8	83	-0.01
30		1,2,4-Trichlorobenzene	0.289	0.271	6.2	85	0.00
31		Naphthalene	0.910	0.834	8.4	84	0.00
32		Benzoic acid	0.195	0.172	11.8	80	-0.06
33		4-Chloroaniline	0.341	0.358	-5.0	94	0.00
34	C	Hexachlorobutadiene	0.201	0.177	11.9	80	0.00
35		Caprolactam	0.093	0.088	5.4	86	-0.05
36	C	4-Chloro-3-methylphenol	0.282	0.254	9.9	83	-0.01
37		2-Methylnaphthalene	0.606	0.504	16.8	76	0.00
38		1-Methylnaphthalene	0.588	0.518	11.9	80	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	95	0.00
40		1,2,4,5-Tetrachlorobenzene	0.553	0.513	7.2	83	0.00
41	P	Hexachlorocyclopentadiene	0.229	0.281	-22.7	104	0.00
42	S	2,4,6-Tribromophenol	0.199	0.178	10.6	82	0.00
43	C	2,4,6-Trichlorophenol	0.404	0.371	8.2	79	-0.01
44		2,4,5-Trichlorophenol	0.427	0.376	11.9	78	-0.01
45	S	2-Fluorobiphenyl	1.260	1.065	15.5	83	-0.01
46		1,1'-Biphenyl	1.324	1.217	8.1	84	0.00
47		2-Chloronaphthalene	1.104	1.006	8.9	84	0.00

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

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	0.349	0.339	2.9	83	0.00
49		Acenaphthylene	1.552	1.585	-2.1	93	0.00
50		Dimethylphthalate	1.270	1.142	10.1	84	0.00
51		2,6-Dinitrotoluene	0.236	0.247	-4.7	90	-0.01
52	C	Acenaphthene	1.017	0.913	10.2	83	0.00
53		3-Nitroaniline	0.288	0.292	-1.4	91	-0.01
54	P	2,4-Dinitrophenol	0.118	0.107	9.3	85	-0.01
55		Dibenzofuran	1.436	1.318	8.2	84	0.00
56	P	4-Nitrophenol	0.218	0.201	7.8	82	-0.02
57		2,4-Dinitrotoluene	0.320	0.330	-3.1	86	-0.01
58		Fluorene	1.083	0.962	11.2	84	0.00
59		2,3,4,6-Tetrachlorophenol	0.302	0.291	3.6	85	-0.05
60		Diethylphthalate	1.180	1.077	8.7	84	0.00
61		4-Chlorophenyl-phenylether	0.573	0.517	9.8	83	0.00
62		4-Nitroaniline	0.277	0.257	7.2	84	-0.02
63		Azobenzene	1.233	1.136	7.9	85	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	97	0.00
65		4,6-Dinitro-2-methylphenol	0.101	0.093	7.9	82	-0.02
66	c	n-Nitrosodiphenylamine	0.628	0.575	8.4	85	-0.01
67		4-Bromophenyl-phenylether	0.221	0.188	14.9	79	0.00
68		Hexachlorobenzene	0.256	0.220	14.1	80	0.00
69		Atrazine	0.190	0.186	2.1	93	-0.01
70	C	Pentachlorophenol	0.147	0.122	17.0	75	0.00
71		Phenanthrene	0.970	0.862	11.1	86	0.00
72		Anthracene	0.980	0.888	9.4	84	0.00
73		Carbazole	0.868	0.786	9.4	86	0.00
74		Di-n-butylphthalate	1.005	0.934	7.1	86	0.00
75	C	Fluoranthene	1.002	0.902	10.0	85	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	102	0.00
77		Benzidine	0.694	0.788	-13.5	106	0.00
78		Pyrene	1.667	1.519	8.9	83	0.00
79	S	Terphenyl-d14	1.170	1.089	6.9	87	0.00
80		Butylbenzylphthalate	0.542	0.528	2.6	87	0.00
81		Benzo(a)anthracene	1.309	1.183	9.6	86	0.00
82		3,3'-Dichlorobenzidine	0.399	0.426	-6.8	99	0.00
83		Chrysene	1.211	1.144	5.5	90	0.00
84		Bis(2-ethylhexyl)phthalate	0.653	0.629	3.7	87	0.00
85	c	Di-n-octyl phthalate	1.072	0.968	9.7	83	0.00
86	I	Perylene-d12	1.000	1.000	0.0	99	0.00
87		Indeno(1,2,3-cd)pyrene	1.225	1.129	7.8	81	-0.02
88		Benzo(b)fluoranthene	1.149	1.078	6.2	84	-0.01
89		Benzo(k)fluoranthene	1.063	0.937	11.9	84	-0.01
90	C	Benzo(a)pyrene	0.996	0.944	5.2	85	-0.01
91		Dibenzo(a,h)anthracene	0.986	0.912	7.5	80	-0.03
92		Benzo(g,h,i)perylene	0.986	0.916	7.1	81	-0.03

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

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_F\Data\BF100625\
Data File : BF143883.D
Acq On : 06 Oct 2025 16:08
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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

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	92	0.00
2		1,4-Dioxane	40.000	37.256	6.9	82	0.00
3		Pyridine	40.000	35.261	11.8	78	0.00
4		n-Nitrosodimethylamine	40.000	38.456	3.9	87	-0.03
5	S	2-Fluorophenol	80.000	74.908	6.4	83	0.00
6		Aniline	40.000	37.937	5.2	84	0.00
7	S	Phenol-d6	80.000	74.487	6.9	83	-0.02
8		2-Chlorophenol	40.000	38.116	4.7	83	0.00
9		Benzaldehyde	40.000	37.141	7.1	74	0.00
10	C	Phenol	40.000	37.501	6.2	84	-0.02
11		bis(2-Chloroethyl)ether	40.000	36.561	8.6	81	-0.01
12		1,3-Dichlorobenzene	40.000	37.828	5.4	84	0.00
13	C	1,4-Dichlorobenzene	40.000	38.392	4.0	86	0.00
14		1,2-Dichlorobenzene	40.000	39.655	0.9	88	0.00
15		Benzyl Alcohol	40.000	38.974	2.6	86	-0.01
16		2,2'-oxybis(1-Chloropropane	40.000	37.568	6.1	84	0.00
17		2-Methylphenol	40.000	38.352	4.1	85	0.00
18		Hexachloroethane	40.000	37.755	5.6	84	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	36.612	8.5	84	-0.02
20		3+4-Methylphenols	40.000	39.880	0.3	85	-0.02
21	I	Naphthalene-d8	20.000	20.000	0.0	94	0.00
22		Acetophenone	40.000	37.713	5.7	86	-0.01
23	S	Nitrobenzene-d5	80.000	74.330	7.1	83	-0.01
24		Nitrobenzene	40.000	37.727	5.7	82	-0.01
25		Isophorone	40.000	35.347	11.6	81	-0.02
26	C	2-Nitrophenol	40.000	38.717	3.2	82	0.00
27		2,4-Dimethylphenol	40.000	40.847	-2.1	91	-0.01
28		bis(2-Chloroethoxy)methane	40.000	36.639	8.4	85	-0.01
29	C	2,4-Dichlorophenol	40.000	36.899	7.8	83	-0.01
30		1,2,4-Trichlorobenzene	40.000	37.503	6.2	85	0.00
31		Naphthalene	40.000	36.679	8.3	84	0.00
32		Benzoic acid	40.000	35.162	12.1	80	-0.06
33		4-Chloroaniline	40.000	41.950	-4.9	94	0.00
34	C	Hexachlorobutadiene	40.000	35.201	12.0	80	0.00
35		Caprolactam	40.000	37.736	5.7	86	-0.05
36	C	4-Chloro-3-methylphenol	40.000	36.079	9.8	83	-0.01
37		2-Methylnaphthalene	40.000	33.257	16.9	76	0.00
38		1-Methylnaphthalene	40.000	35.269	11.8	80	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	95	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	37.122	7.2	83	0.00
41	P	Hexachlorocyclopentadiene	40.000	48.984	-22.5	104	0.00
42	S	2,4,6-Tribromophenol	80.000	71.685	10.4	82	0.00
43	C	2,4,6-Trichlorophenol	40.000	36.726	8.2	79	-0.01
44		2,4,5-Trichlorophenol	40.000	35.194	12.0	78	-0.01
45	S	2-Fluorobiphenyl	80.000	67.621	15.5	83	-0.01
46		1,1'-Biphenyl	40.000	36.770	8.1	84	0.00
47		2-Chloronaphthalene	40.000	36.454	8.9	84	0.00

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

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	38.894	2.8	83	0.00
49		Acenaphthylene	40.000	40.859	-2.1	93	0.00
50		Dimethylphthalate	40.000	35.968	10.1	84	0.00
51		2,6-Dinitrotoluene	40.000	41.967	-4.9	90	-0.01
52	C	Acenaphthene	40.000	35.913	10.2	83	0.00
53		3-Nitroaniline	40.000	40.493	-1.2	91	-0.01
54	P	2,4-Dinitrophenol	40.000	33.731	15.7	85	-0.01
55		Dibenzofuran	40.000	36.717	8.2	84	0.00
56	P	4-Nitrophenol	40.000	36.850	7.9	82	-0.02
57		2,4-Dinitrotoluene	40.000	41.169	-2.9	86	-0.01
58		Fluorene	40.000	35.527	11.2	84	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	38.488	3.8	85	-0.05
60		Diethylphthalate	40.000	36.501	8.7	84	0.00
61		4-Chlorophenyl-phenylether	40.000	36.113	9.7	83	0.00
62		4-Nitroaniline	40.000	37.074	7.3	84	-0.02
63		Azobenzene	40.000	36.837	7.9	85	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	97	0.00
65		4,6-Dinitro-2-methylphenol	40.000	37.083	7.3	82	-0.02
66	c	n-Nitrosodiphenylamine	40.000	36.649	8.4	85	-0.01
67		4-Bromophenyl-phenylether	40.000	33.973	15.1	79	0.00
68		Hexachlorobenzene	40.000	34.415	14.0	80	0.00
69		Atrazine	40.000	39.016	2.5	93	-0.01
70	C	Pentachlorophenol	40.000	33.097	17.3	75	0.00
71		Phenanthrene	40.000	35.542	11.1	86	0.00
72		Anthracene	40.000	36.273	9.3	84	0.00
73		Carbazole	40.000	36.246	9.4	86	0.00
74		Di-n-butylphthalate	40.000	37.171	7.1	86	0.00
75	C	Fluoranthene	40.000	36.019	10.0	85	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	102	0.00
77		Benzidine	40.000	45.411	-13.5	106	0.00
78		Pyrene	40.000	36.431	8.9	83	0.00
79	S	Terphenyl-d14	80.000	74.443	6.9	87	0.00
80		Butylbenzylphthalate	40.000	38.986	2.5	87	0.00
81		Benzo(a)anthracene	40.000	36.142	9.6	86	0.00
82		3,3'-Dichlorobenzidine	40.000	42.747	-6.9	99	0.00
83		Chrysene	40.000	37.792	5.5	90	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	38.560	3.6	87	0.00
85	c	Di-n-octyl phthalate	40.000	36.116	9.7	83	0.00
86	I	Perylene-d12	20.000	20.000	0.0	99	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	36.867	7.8	81	-0.02
88		Benzo(b)fluoranthene	40.000	37.533	6.2	84	-0.01
89		Benzo(k)fluoranthene	40.000	35.252	11.9	84	-0.01
90	C	Benzo(a)pyrene	40.000	37.900	5.3	85	-0.01
91		Dibenzo(a,h)anthracene	40.000	36.995	7.5	80	-0.03
92		Benzo(g,h,i)perylene	40.000	37.162	7.1	81	-0.03

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

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

Response Factor Report GC/MS Ins

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG100225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Oct 02 16:40:42 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BG064473.D 5 =BG064474.D 10 =BG064481.D 20 =BG064476.D 40 =BG064477.D 50 =BG064478.D 60 =BG064479.D 80 =BG0644
80.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.530	0.412	0.447	0.438	0.398	0.386	0.381	0.427	12.10
3)		Pyridine		1.225	1.151	1.147	1.236	1.102	1.095	1.086	1.149	5.33
4)		n-Nitrosodimet...			0.854	0.790	0.863	0.833	0.843	0.814	0.833	3.24
5)	S	2-Fluorophenol		1.066	1.018	1.053	1.195	1.071	1.108	1.053	1.081	5.26
6)		Aniline		1.913	1.738	1.827	2.020	1.772	1.823	1.729	1.832	5.68
7)	S	Phenol-d6		1.395	1.373	1.446	1.631	1.434	1.496	1.391	1.452	6.12
8)		2-Chlorophenol		1.387	1.264	1.312	1.455	1.264	1.336	1.271	1.327	5.45
9)		Benzaldehyde			1.437	1.039	1.527	1.146	1.548	1.037	1.289	18.76
10)	C	Phenol		1.518	1.397	1.530	1.683	1.517	1.583	1.496	1.532	5.68
11)		bis(2-Chloroet...		1.117	0.953	1.002	1.134	1.000	1.064	0.992	1.038	6.61
12)		1,3-Dichlorobe...		1.558	1.459	1.396	1.582	1.385	1.418	1.363	1.452	5.97
13)	C	1,4-Dichlorobe...		1.506	1.435	1.452	1.581	1.421	1.421	1.383	1.457	4.57
14)		1,2-Dichlorobe...		1.583	1.389	1.434	1.533	1.377	1.399	1.335	1.436	6.24
15)		Benzyl Alcohol			1.224	1.300	1.447	1.342	1.399	1.312	1.337	5.87
16)		2,2'-oxybis(1-...		1.720	1.610	1.657	1.804	1.650	1.708	1.558	1.672	4.80
17)		2-Methylphenol		1.105	1.063	1.087	1.215	1.076	1.143	1.077	1.109	4.81
18)		Hexachloroethane		0.586	0.630	0.534	0.604	0.562	0.566	0.544	0.575	5.87
19)	P	n-Nitroso-di-n...	0.813	1.008	0.913	1.006	1.096	0.959	1.048	0.926	0.971	9.10
20)		3+4-Methylphenols			1.472	1.510	1.700	1.492	1.622	1.494	1.548	5.91
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.476	0.450	0.477	0.516	0.491	0.495	0.486	0.484	4.21
23)	S	Nitrobenzene-d5		0.360	0.352	0.378	0.396	0.369	0.381	0.369	0.372	3.84
24)		Nitrobenzene		0.403	0.348	0.352	0.395	0.364	0.377	0.358	0.371	5.73
25)		Isophorone		0.672	0.654	0.674	0.721	0.660	0.686	0.650	0.674	3.59
26)	C	2-Nitrophenol		0.197	0.169	0.181	0.192	0.185	0.188	0.181	0.185	4.93
27)		2,4-Dimethylph...		0.277	0.257	0.279	0.299	0.285	0.298	0.281	0.282	4.97
28)		bis(2-Chloroet...		0.320	0.320	0.361	0.375	0.336	0.352	0.341	0.343	5.92
29)	C	2,4-Dichloroph...		0.323	0.305	0.321	0.343	0.322	0.336	0.332	0.326	3.78
30)		1,2,4-Trichlor...		0.383	0.333	0.360	0.377	0.339	0.349	0.347	0.356	5.27
31)		Naphthalene		1.062	0.980	1.013	1.107	0.995	1.041	1.011	1.030	4.26
32)		Benzoic acid			0.149	0.198	0.230	0.240	0.239	0.243	0.216	17.02
33)		4-Chloroaniline		0.392	0.398	0.373	0.417	0.388	0.406	0.392	0.395	3.53
34)	C	Hexachlorobuta...		0.331	0.289	0.308	0.316	0.296	0.300	0.291	0.304	4.94
35)		Caprolactam			0.108	0.120	0.115	0.111	0.110	0.107	0.112	4.36
36)	C	4-Chloro-3-met...		0.395	0.381	0.392	0.418	0.390	0.405	0.395	0.397	3.01
37)		2-Methylnaphth...		0.783	0.771	0.790	0.843	0.778	0.799	0.770	0.791	3.18
38)		1-Methylnaphth...		0.837	0.782	0.782	0.825	0.750	0.784	0.758	0.788	4.08

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG100225.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.622	0.604	0.622	0.708	0.640	0.678	0.646	0.646	5.60
41)	P	Hexachlorocycl...		0.279	0.296	0.363	0.356	0.378	0.356	0.338	11.95
42)	S	2,4,6-Tribromo...	0.364	0.352	0.367	0.381	0.364	0.361	0.349	0.363	2.89
43)	C	2,4,6-Trichlor...	0.391	0.390	0.396	0.445	0.416	0.436	0.414	0.413	5.30
44)		2,4,5-Trichlor...	0.451	0.452	0.430	0.486	0.465	0.473	0.470	0.461	3.93
45)	S	2-Fluorobiphenyl	1.355	1.338	1.346	1.434	1.325	1.389	1.310	1.357	3.11
46)		1,1'-Biphenyl	1.439	1.388	1.417	1.521	1.434	1.484	1.387	1.438	3.42
47)		2-Chloronaphth...	1.006	1.104	1.046	1.153	1.056	1.106	1.046	1.074	4.61
48)		2-Nitroaniline	0.301	0.362	0.371	0.397	0.386	0.385	0.365	0.367	8.60
49)		Acenaphthylene	1.591	1.534	1.573	1.704	1.574	1.638	1.546	1.594	3.68
50)		Dimethylphthalate	1.564	1.584	1.582	1.624	1.531	1.586	1.493	1.566	2.72
51)		2,6-Dinitrotol...	0.292	0.326	0.335	0.337	0.333	0.345	0.316	0.326	5.43
52)	C	Acenaphthene	1.108	1.099	1.086	1.159	1.106	1.138	1.058	1.108	2.98
53)		3-Nitroaniline	0.279	0.294	0.300	0.319	0.315	0.303	0.296	0.301	4.50
54)	P	2,4-Dinitrophenol		0.265	0.270	0.207	0.228	0.229	0.220	0.237	10.76
55)		Dibenzofuran	1.837	1.810	1.800	1.909	1.821	1.872	1.753	1.829	2.77
56)	P	4-Nitrophenol		0.192	0.227	0.260	0.256	0.253	0.232	0.237	10.85
57)		2,4-Dinitrotol...	0.481	0.499	0.488	0.527	0.513	0.506	0.477	0.499	3.60
58)		Fluorene	1.518	1.511	1.535	1.601	1.488	1.532	1.458	1.520	2.91
59)		2,3,4,6-Tetrac...	0.438	0.447	0.475	0.505	0.475	0.494	0.457	0.470	5.16
60)		Diethylphthalate	1.747	1.692	1.679	1.730	1.675	1.663	1.578	1.680	3.25
61)		4-Chlorophenyl...	0.866	0.809	0.839	0.868	0.817	0.819	0.794	0.830	3.42
62)		4-Nitroaniline	0.229	0.296	0.331	0.334	0.345	0.340	0.320	0.314	12.96
63)		Azobenzene	1.339	1.299	1.325	1.346	1.295	1.289	1.216	1.301	3.37
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.125	0.139	0.145	0.138	0.145	0.144	0.139	5.58
66)	c	n-Nitrosodiphe...	0.540	0.519	0.534	0.569	0.508	0.541	0.529	0.534	3.62
67)		4-Bromophenyl-...	0.235	0.229	0.227	0.253	0.224	0.237	0.241	0.235	4.21
68)		Hexachlorobenzene	0.256	0.261	0.272	0.288	0.260	0.280	0.270	0.269	4.36
69)		Atrazine	0.237	0.240	0.247	0.250	0.232	0.239	0.219	0.238	4.26
70)	C	Pentachlorophenol		0.118	0.146	0.169	0.166	0.170	0.175	0.157	13.66
71)		Phenanthrene	1.072	1.022	1.055	1.111	1.002	1.050	1.010	1.046	3.65
72)		Anthracene	1.045	1.028	1.044	1.130	1.001	1.068	1.029	1.049	3.93
73)		Carbazole	0.883	0.895	0.904	0.987	0.877	0.921	0.880	0.907	4.24
74)		Di-n-butylphth...	1.096	1.079	1.105	1.189	1.076	1.131	1.076	1.107	3.71
75)	C	Fluoranthene	1.269	1.226	1.272	1.330	1.192	1.253	1.204	1.250	3.77
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.393	0.424	0.649	0.540	0.621	0.359	0.498	24.67
78)		Pyrene	1.295	1.329	1.316	1.392	1.242	1.281	1.230	1.298	4.24
79)	S	Terphenyl-d14	1.067	1.061	1.069	1.123	1.030	1.044	1.003	1.057	3.55
80)		Butylbenzylpht...	0.437	0.438	0.464	0.497	0.447	0.479	0.458	0.460	4.78
81)		Benzo(a)anthra...	1.280	1.239	1.285	1.353	1.238	1.291	1.253	1.277	3.15
82)		3,3'-Dichlorob...		0.418	0.431	0.458	0.423	0.443	0.420	0.432	3.58
83)		Chrysene	1.226	1.200	1.195	1.297	1.173	1.210	1.178	1.211	3.48
84)		Bis(2-ethylhex...	0.605	0.637	0.640	0.692	0.641	0.670	0.658	0.649	4.26
85)	c	Di-n-octyl pht...		1.055	1.050	1.153	1.073	1.125	1.089	1.091	3.74

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG100225.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.368	1.320	1.378	1.493	1.387	1.431	1.368	1.392	3.98
88)		Benzo(b)fluora...	1.077	1.084	1.171	1.212	1.142	1.169	1.109	1.138	4.40
89)		Benzo(k)fluora...	1.139	1.082	1.145	1.233	1.123	1.156	1.142	1.146	3.97
90)	C	Benzo(a)pyrene	1.017	0.999	1.059	1.122	1.031	1.075	1.037	1.049	3.91
91)		Dibenzo(a,h)an...	1.047	1.053	1.121	1.190	1.115	1.151	1.116	1.113	4.55
92)		Benzo(g,h,i)pe...	1.059	1.053	1.088	1.153	1.069	1.104	1.048	1.082	3.41

(#) = Out of Range

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
Data File : BG064473.D
Acq On : 2 Oct 2025 9:01
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Quant Time: Oct 02 16:52:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

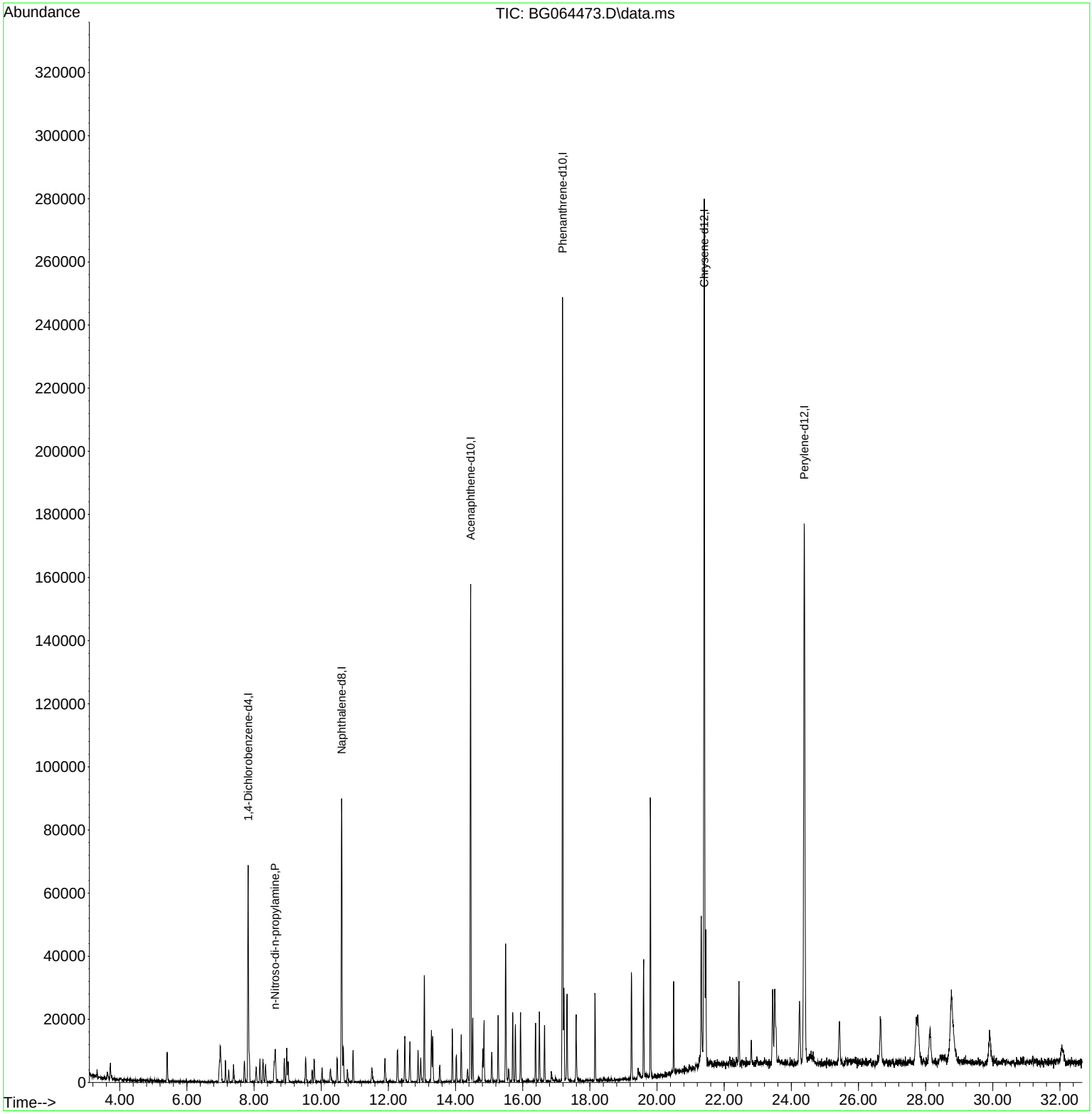
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.823	152	17107	20.000	ng	0.00
21) Naphthalene-d8	10.608	136	71471	20.000	ng	0.00
39) Acenaphthene-d10	14.450	164	55395	20.000	ng	0.00
64) Phenanthrene-d10	17.188	188	147655	20.000	ng	0.00
76) Chrysene-d12	21.407	240	159672	20.000	ng	0.00
86) Perylene-d12	24.386	264	165966	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...	8.622	70	1739	2.093	ng	# 83

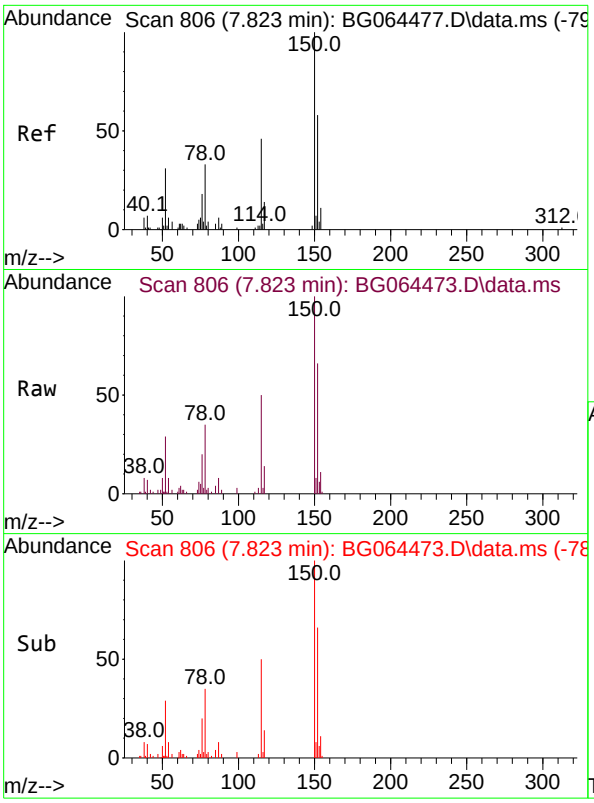
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
Data File : BG064473.D
Acq On : 2 Oct 2025 9:01
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Quant Time: Oct 02 16:52:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration



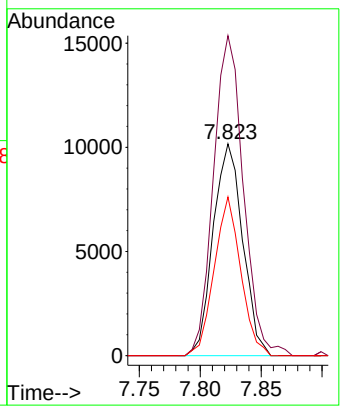


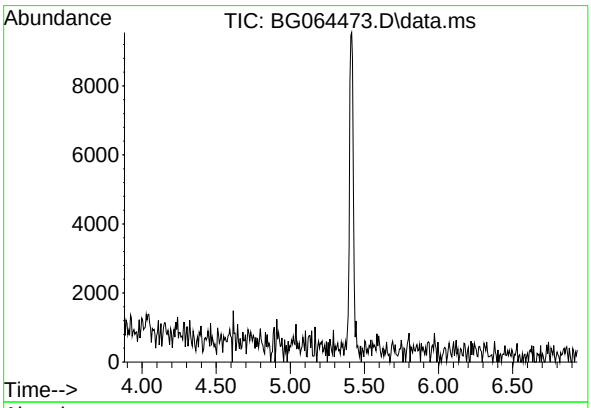
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.823 min Scan# 80
Delta R.T. 0.003 min
Lab File: BG064473.D
Acq: 2 Oct 2025 9:01

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion:152 Resp: 17107

Ion	Ratio	Lower	Upper
152	100		
150	151.1	138.6	207.8
115	75.0	63.4	95.2



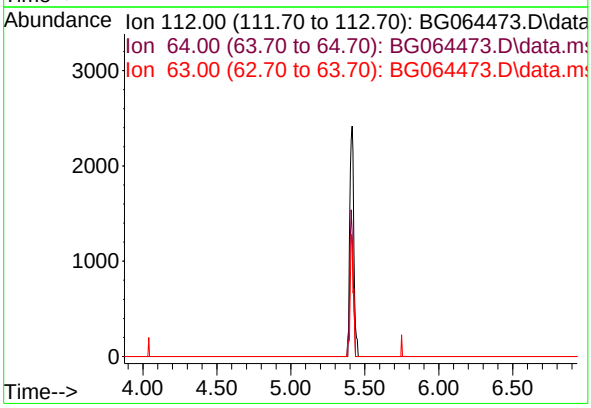


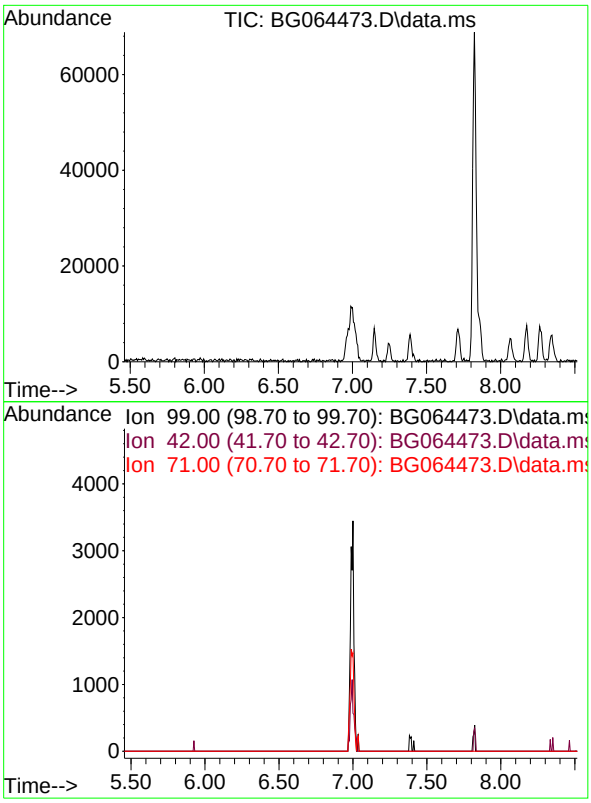
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.41 min

Lab File: BG064473.D
Acq: 2 Oct 2025 9:01

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	62.3
63	39.1





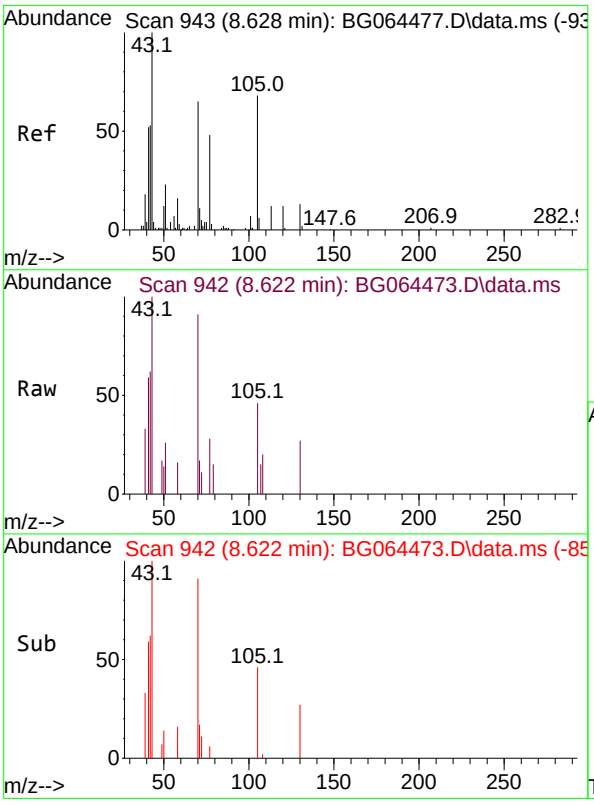
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.99 min

Lab File: BG064473.D
Acq: 2 Oct 2025 9:01

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion: 99

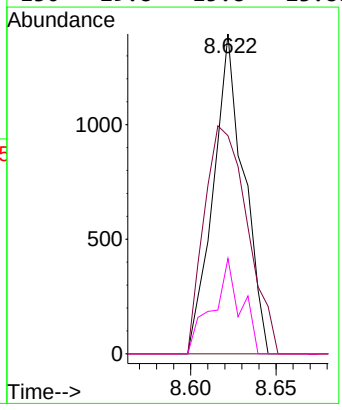
Sig	Exp Ratio
99	100
42	28.6
71	44.3

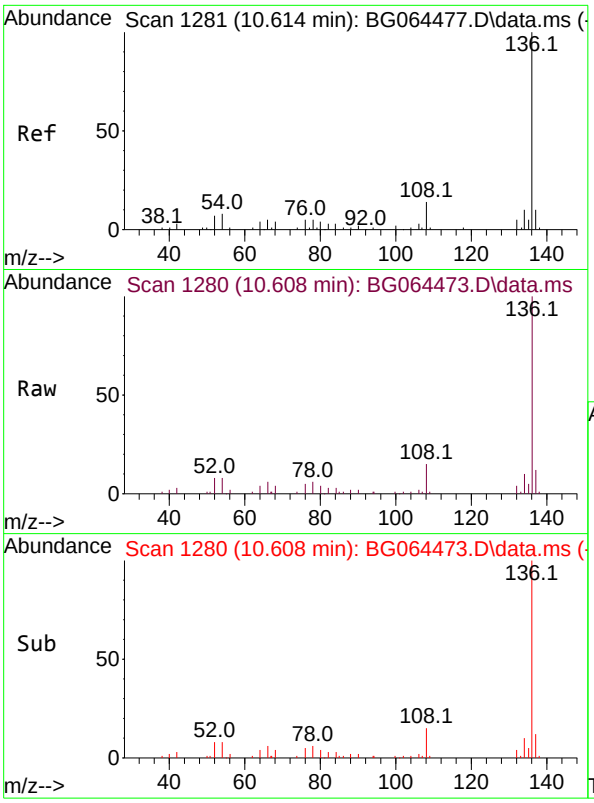


#19
n-Nitroso-di-n-propylamine
Concen: 2.093 ng
RT: 8.622 min Scan# 942
Delta R.T. 0.008 min
Lab File: BG064473.D
Acq: 2 Oct 2025 9:01

Tgt Ion: 70 Resp: 1739

Ion	Ratio	Lower	Upper
70	100		
42	68.2	64.9	97.3
101	0.0	8.7	13.1#
130	29.8	15.8	23.8#



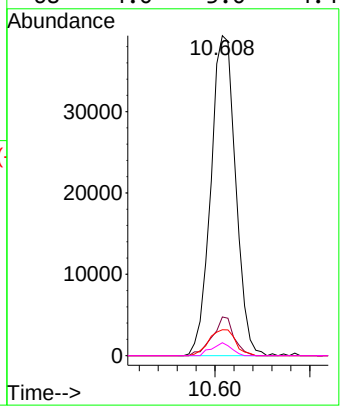


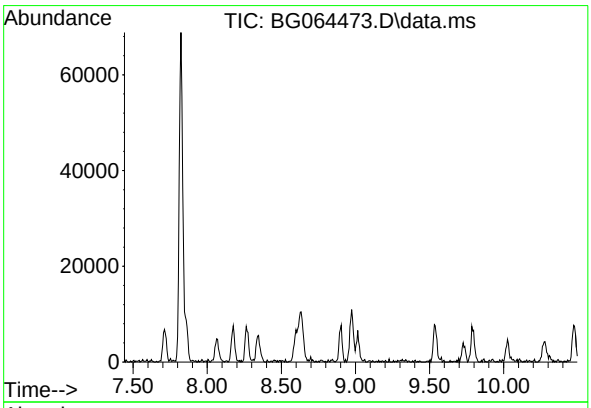
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.608 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064473.D
Acq: 2 Oct 2025 9:01

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 71471

Ion	Ratio	Lower	Upper
136	100		
137	12.1	8.3	12.5
54	8.1	6.2	9.4
68	4.0	3.0	4.4



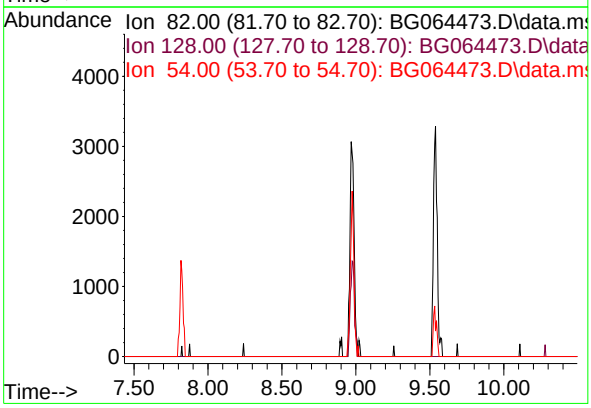


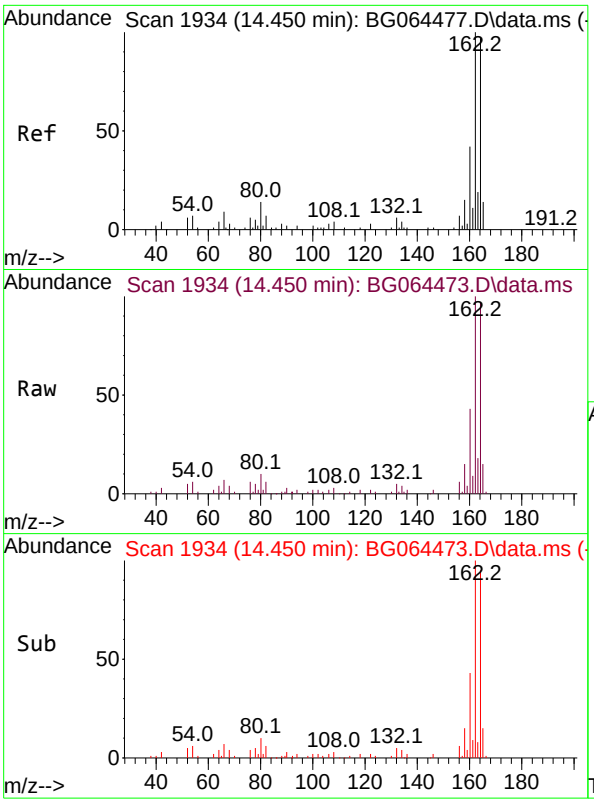
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 8.97 min

Lab File: BG064473.D
Acq: 2 Oct 2025 9:01

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	41.4
54	69.3



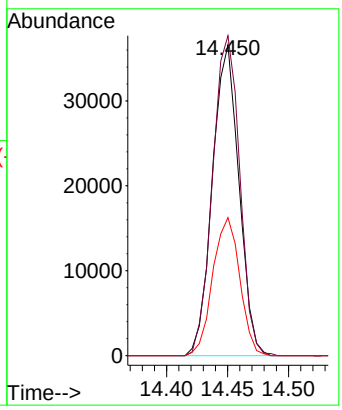


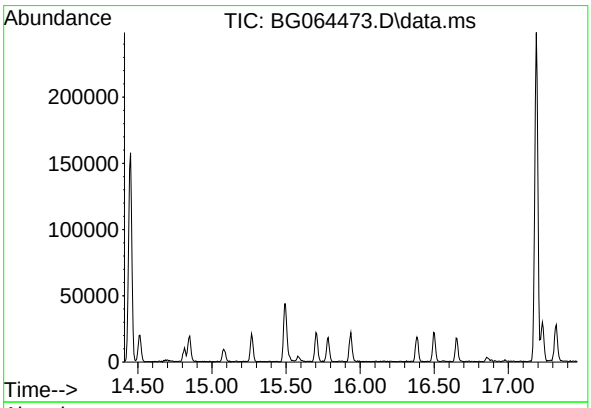
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.450 min Scan# 19
Delta R.T. 0.002 min
Lab File: BG064473.D
Acq: 2 Oct 2025 9:01

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 55395

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.2	123.2
160	44.4	34.3	51.5



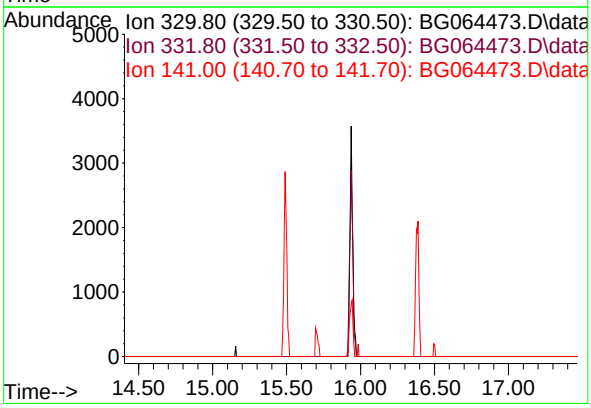


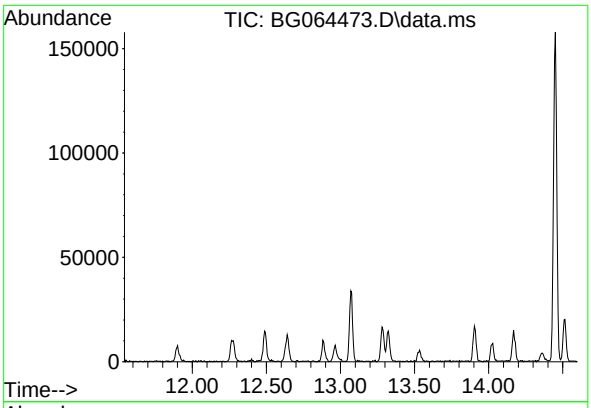
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 15.93 min

Lab File: BG064473.D
Acq: 2 Oct 2025 9:01

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.7
141	32.2





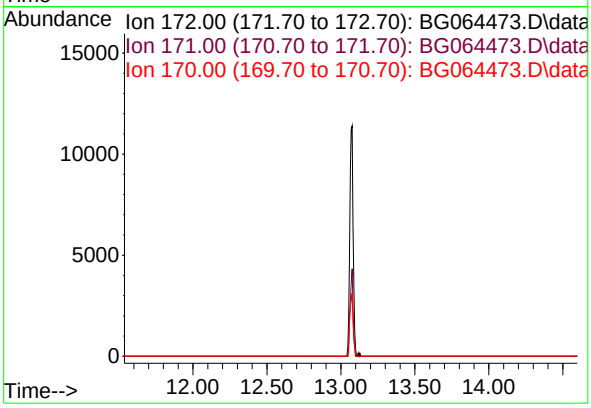
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 13.07 min

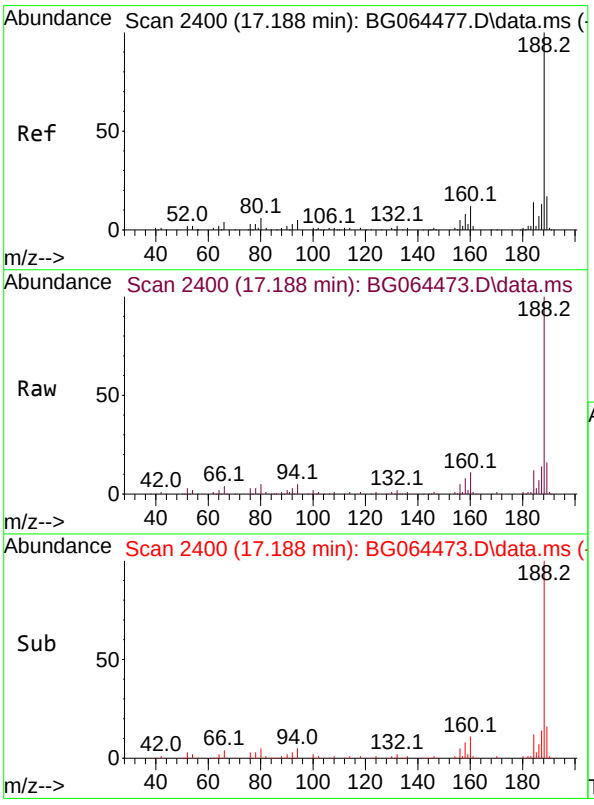
Lab File: BG064473.D
Acq: 2 Oct 2025 9:01

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

Sig	Exp Ratio
172	100
171	37.0
170	25.2

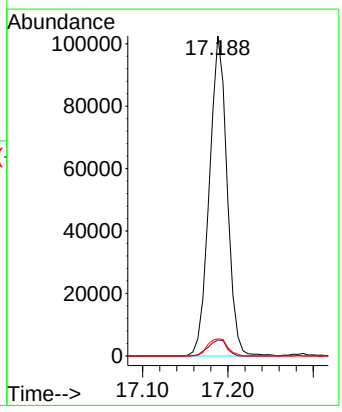


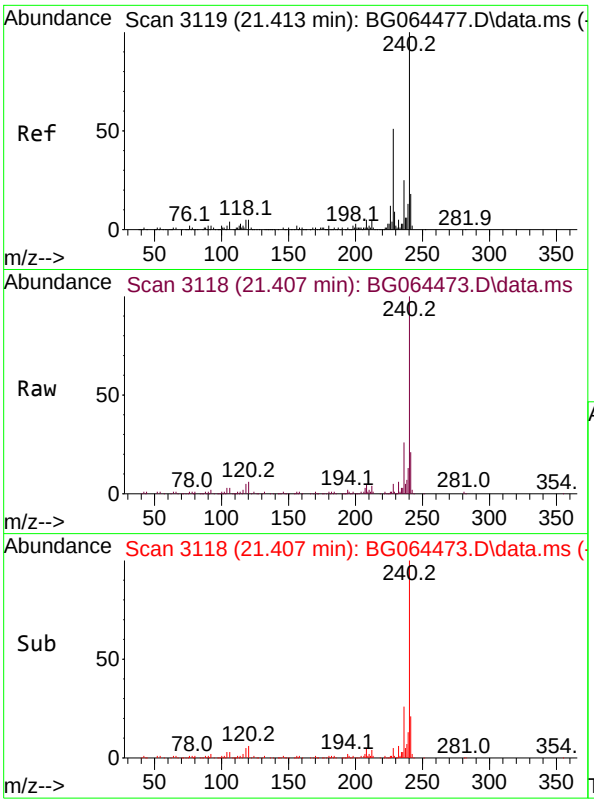


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.188 min Scan# 2400
Delta R.T. 0.002 min
Lab File: BG064473.D
Acq: 2 Oct 2025 9:01

Tgt Ion:188 Resp: 147655

Ion	Ratio	Lower	Upper
188	100		
94	4.9	3.7	5.5
80	5.3	4.5	6.7



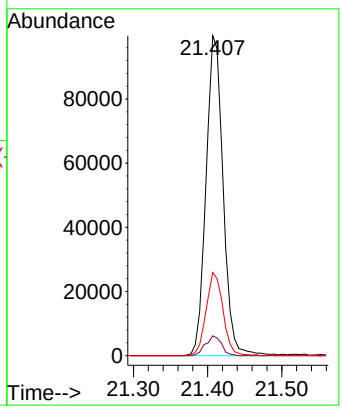


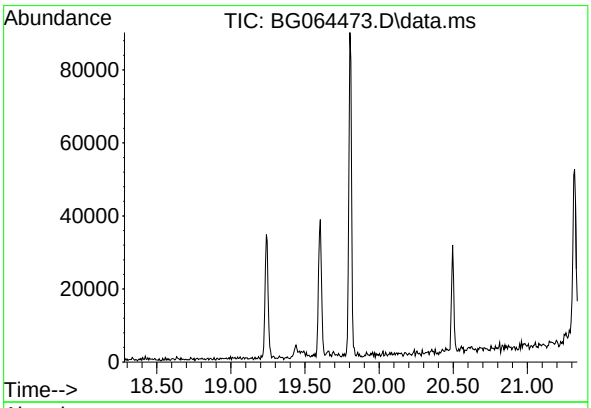
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.407 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG064473.D
Acq: 2 Oct 2025 9:01

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion:240 Resp: 159672

Ion	Ratio	Lower	Upper
240	100		
120	6.2	4.3	6.5
236	26.0	20.4	30.6



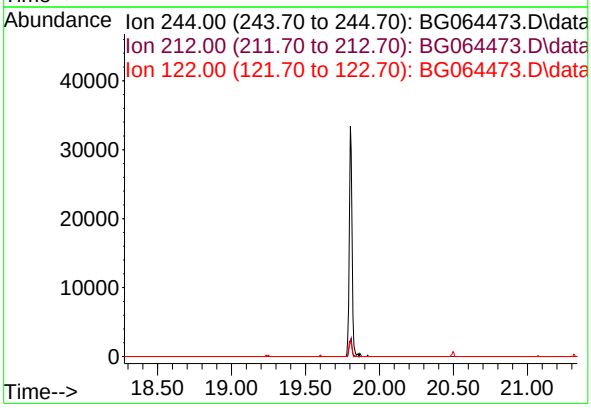


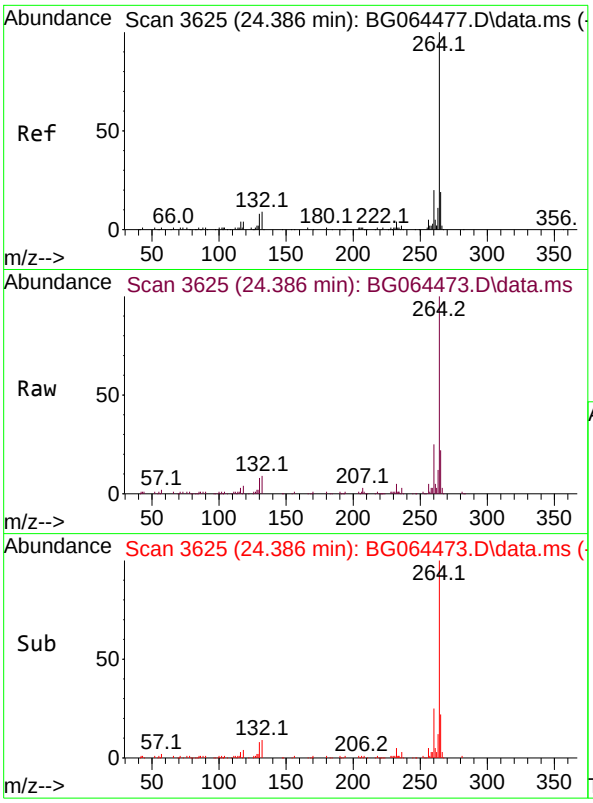
#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.81 min

Lab File: BG064473.D
Acq: 2 Oct 2025 9:01

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	8.8
122	7.0



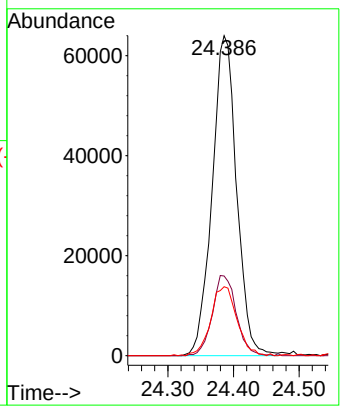


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.386 min Scan# 3
Delta R.T. -0.004 min
Lab File: BG064473.D
Acq: 2 Oct 2025 9:01

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 165966

Ion	Ratio	Lower	Upper
264	100		
260	24.9	16.2	24.4#
265	21.5	15.0	22.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
Data File : BG064474.D
Acq On : 2 Oct 2025 9:42
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 02 16:52:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.823	152	17301	20.000	ng		0.00
21) Naphthalene-d8	10.608	136	74573	20.000	ng	#	0.00
39) Acenaphthene-d10	14.450	164	60732	20.000	ng		0.00
64) Phenanthrene-d10	17.188	188	155342	20.000	ng		0.00
76) Chrysene-d12	21.407	240	162684	20.000	ng		0.00
86) Perylene-d12	24.380	264	169977	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	9220	9.863	ng		0.00
7) Phenol-d6	6.994	99	12069	9.607	ng		0.00
23) Nitrobenzene-d5	8.974	82	13416	9.673	ng		0.00
42) 2,4,6-Tribromophenol	15.937	330	11056	10.043	ng		0.00
45) 2-Fluorobiphenyl	13.070	172	41153	9.988	ng		0.00
79) Terphenyl-d14	19.803	244	86764	10.093	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	2293	6.201	ng	#	92
3) Pyridine	3.716	79	5300	5.333	ng		93
6) Aniline	7.153	93	8273	5.221	ng		90
8) 2-Chlorophenol	7.394	128	6000	5.227	ng		85
10) Phenol	7.024	94	6564	4.953	ng		89
11) bis(2-Chloroethyl)ether	7.241	93	4832	5.384	ng		84
12) 1,3-Dichlorobenzene	7.717	146	6740	5.367	ng		95
13) 1,4-Dichlorobenzene	7.858	146	6514	5.169	ng		90
14) 1,2-Dichlorobenzene	8.169	146	6846	5.512	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.340	45	7441	5.144	ng		89
17) 2-Methylphenol	8.263	107	4780	4.981	ng	#	80
18) Hexachloroethane	8.904	117	2534	5.094	ng		87
19) n-Nitroso-di-n-propyla...	8.622	70	4362	5.192	ng	#	84
22) Acetophenone	8.634	105	8878	4.917	ng	#	94
24) Nitrobenzene	9.015	77	7504	5.426	ng	#	96
25) Isophorone	9.538	82	12523	4.984	ng		97
26) 2-Nitrophenol	9.726	139	3668	5.329	ng		97
27) 2,4-Dimethylphenol	9.791	122	5155	4.903	ng		88
28) bis(2-Chloroethoxy)met...	10.026	93	5971	4.662	ng		93
29) 2,4-Dichlorophenol	10.261	162	6029	4.959	ng	#	82
30) 1,2,4-Trichlorobenzene	10.478	180	7136	5.383	ng		90
31) Naphthalene	10.661	128	19808	5.158	ng	#	94
33) 4-Chloroaniline	10.772	127	7309	4.960	ng		96
34) Hexachlorobutadiene	10.948	225	6170	5.435	ng		98
36) 4-Chloro-3-methylphenol	11.894	107	7360	4.978	ng	#	82
37) 2-Methylnaphthalene	12.270	142	14601	4.953	ng		97
38) 1-Methylnaphthalene	12.488	142	15610	5.311	ng		89
40) 1,2,4,5-Tetrachloroben...	12.641	216	9451	4.820	ng		97
43) 2,4,6-Trichlorophenol	12.882	196	5944	4.742	ng		91
44) 2,4,5-Trichlorophenol	12.958	196	6843	4.890	ng	#	96
46) 1,1'-Biphenyl	13.287	154	21854	5.003	ng		88
47) 2-Chloronaphthalene	13.322	162	15278	4.685	ng		95
48) 2-Nitroaniline	13.528	65	4571	4.107	ng	#	93
49) Acenaphthylene	14.168	152	24156	4.990	ng		95
50) Dimethylphthalate	13.904	163	23745	4.992	ng	#	96
51) 2,6-Dinitrotoluene	14.021	165	4429	4.470	ng		94

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
Data File : BG064474.D
Acq On : 2 Oct 2025 9:42
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 02 16:52:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) Acenaphthene	14.515	154	16816	5.000	ng		90
53) 3-Nitroaniline	14.356	138	4231	4.630	ng		83
55) Dibenzofuran	14.850	168	27888	5.022	ng	#	94
57) 2,4-Dinitrotoluene	14.809	165	7310	4.826	ng	#	92
58) Fluorene	15.496	166	23055	4.994	ng	#	92
59) 2,3,4,6-Tetrachlorophenol	15.073	232	6653	4.658	ng	#	96
60) Diethylphthalate	15.267	149	26525	5.198	ng		99
61) 4-Chlorophenyl-phenyle...	15.496	204	13144	5.215	ng		97
62) 4-Nitroaniline	15.514	138	3481	3.655	ng	#	88
63) Azobenzene	15.778	77	20327	5.144	ng		97
66) n-Nitrosodiphenylamine	15.702	169	20960	5.053	ng		98
67) 4-Bromophenyl-phenylether	16.383	248	9144	5.002	ng		88
68) Hexachlorobenzene	16.501	284	9929	4.747	ng		99
69) Atrazine	16.654	200	9189	4.979	ng		92
71) Phenanthrene	17.229	178	41639	5.126	ng		97
72) Anthracene	17.323	178	40568m	4.978	ng		
73) Carbazole	17.594	167	34305	4.870	ng		97
74) Di-n-butylphthalate	18.152	149	42564	4.950	ng		100
75) Fluoranthene	19.239	202	49301	5.080	ng		98
78) Pyrene	19.603	202	52677	4.989	ng		99
80) Butylbenzylphthalate	20.496	149	17773	4.749	ng		92
81) Benzo(a)anthracene	21.389	228	52066	5.012	ng		94
83) Chrysene	21.454	228	49843	5.060	ng		98
84) Bis(2-ethylhexyl)phtha...	21.319	149	24616	4.662	ng		100
87) Indeno(1,2,3-cd)pyrene	27.723	276	58114	4.912	ng	#	89
88) Benzo(b)fluoranthene	23.440	252	45779m	4.734	ng		
89) Benzo(k)fluoranthene	23.510	252	48402	4.970	ng		99
90) Benzo(a)pyrene	24.239	252	43216	4.849	ng	#	95
91) Dibenzo(a,h)anthracene	27.788	278	44497	4.703	ng	#	96
92) Benzo(g,h,i)perylene	28.769	276	45019	4.896	ng	#	93

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

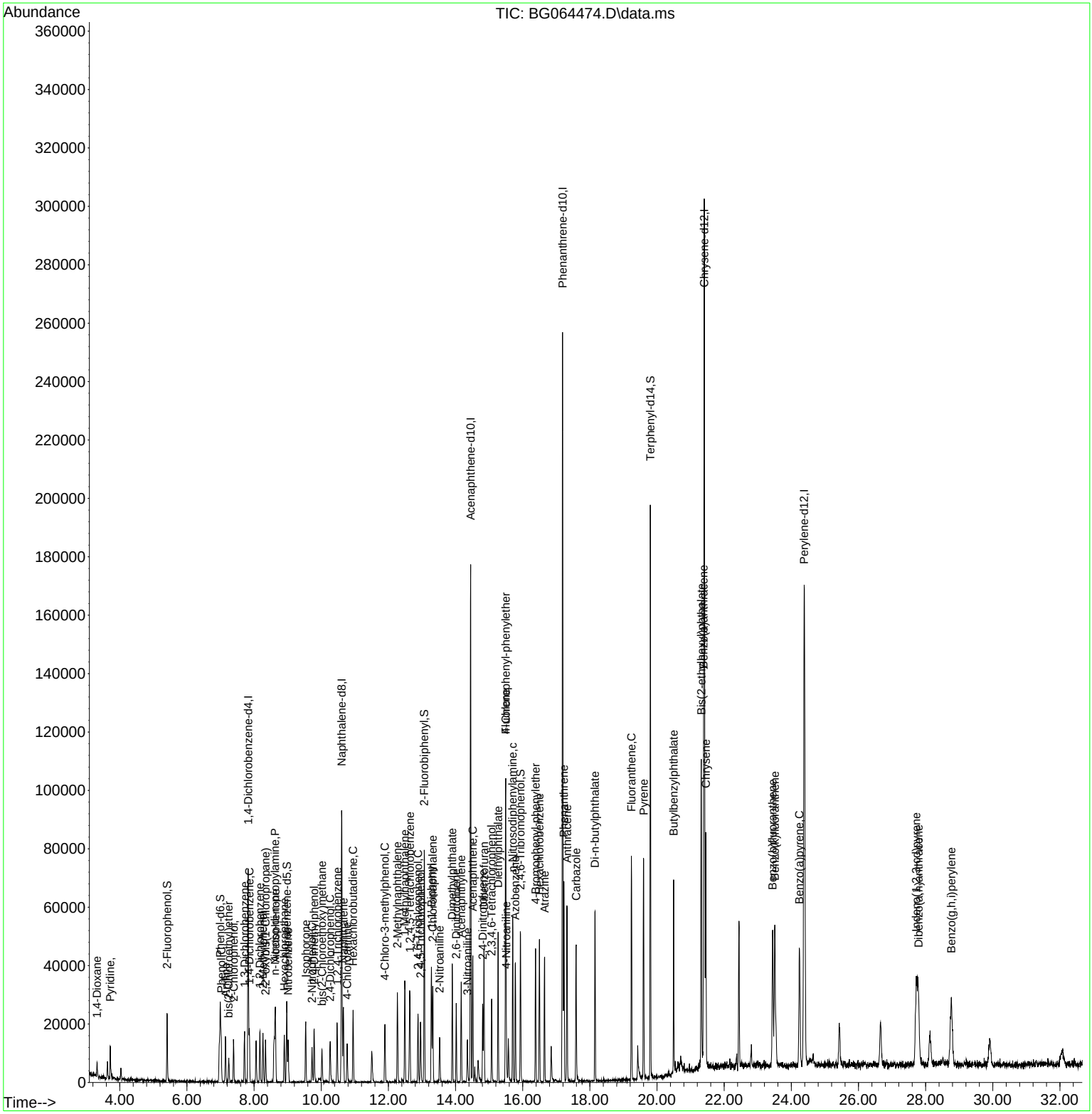
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Data File : BG064474.D
Acq On : 2 Oct 2025 9:42
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

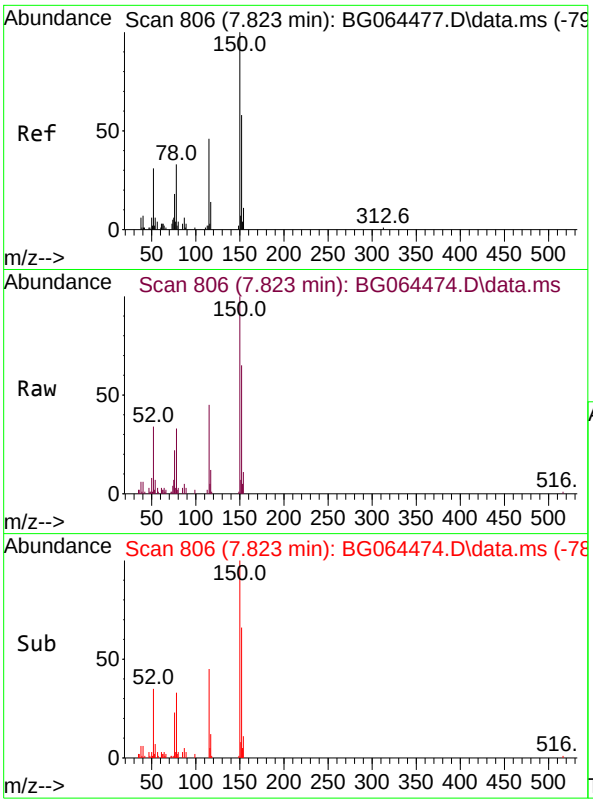
Quant Time: Oct 02 16:52:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

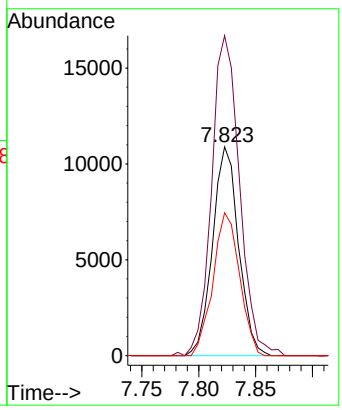




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.823 min Scan# 80
Delta R.T. 0.003 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:152 Resp: 17301

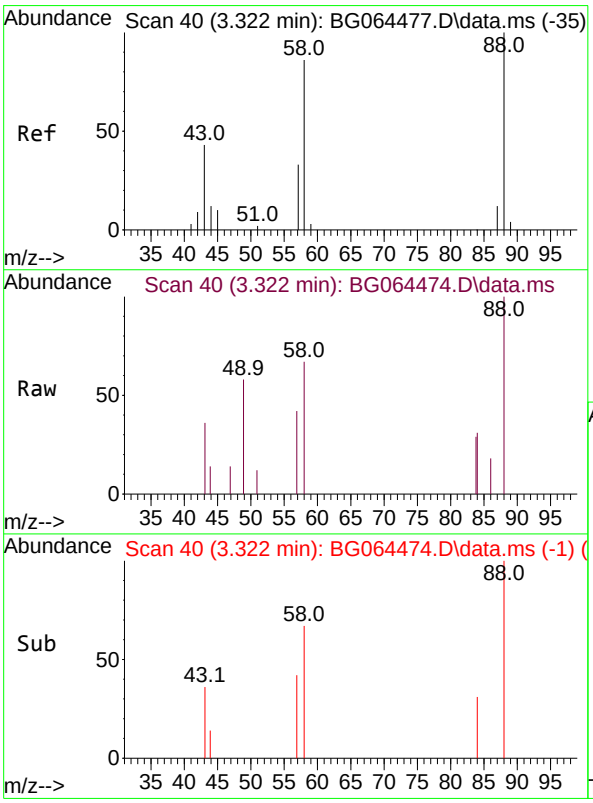
Ion	Ratio	Lower	Upper
152	100		
150	153.3	138.6	207.8
115	68.4	63.4	95.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

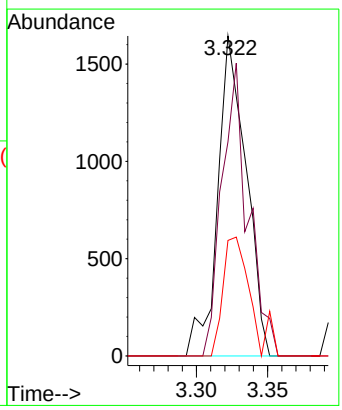
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

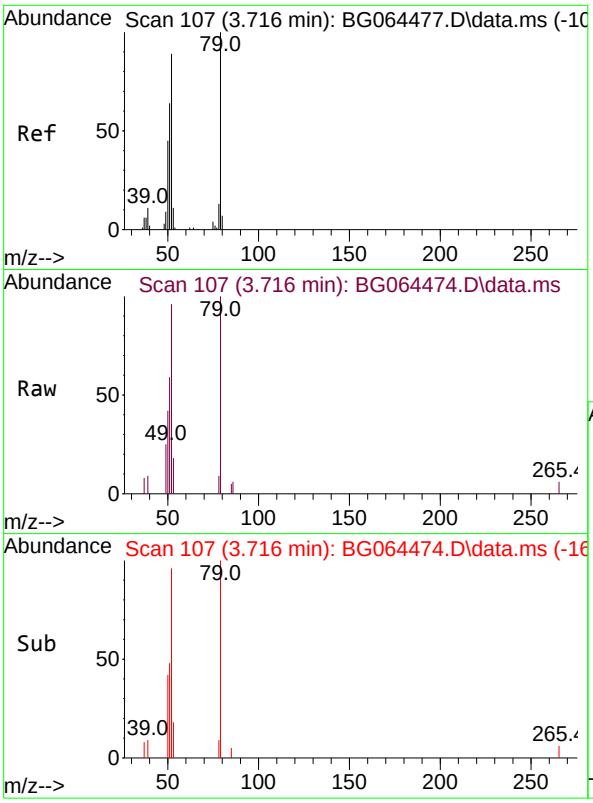


#2
1,4-Dioxane
Concen: 6.201 ng
RT: 3.322 min Scan# 40
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion: 88 Resp: 2293

Ion	Ratio	Lower	Upper
88	100		
58	84.0	69.8	104.6
43	35.8	37.4	56.0#

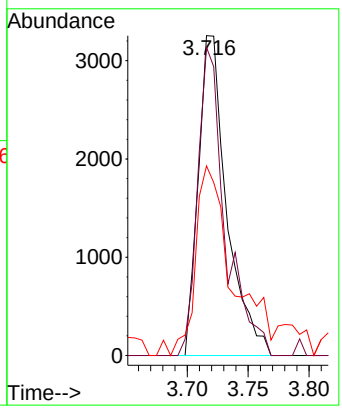




#3
Pyridine
Concen: 5.333 ng
RT: 3.716 min Scan# 10
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion: 79 Resp: 530

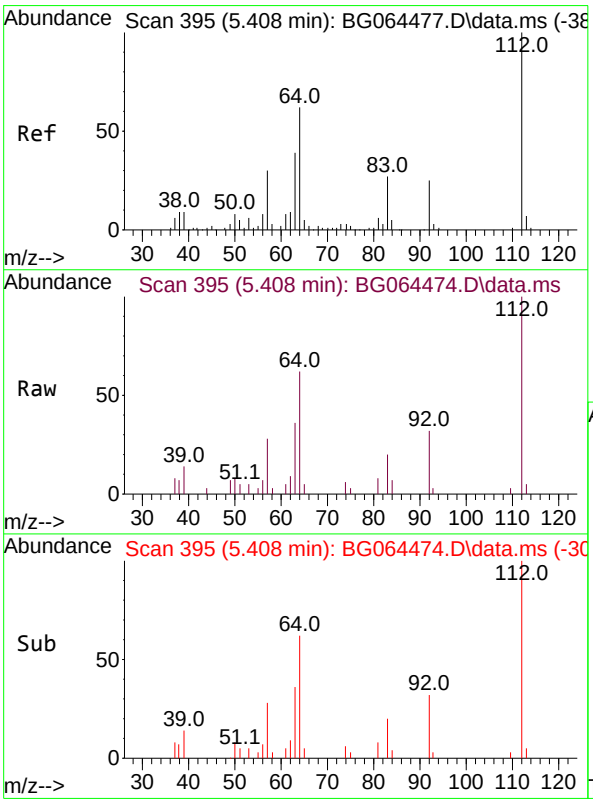
Ion	Ratio	Lower	Upper
79	100		
52	96.3	71.0	106.4
51	59.3	51.0	76.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

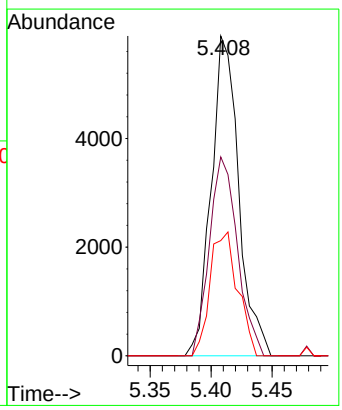
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

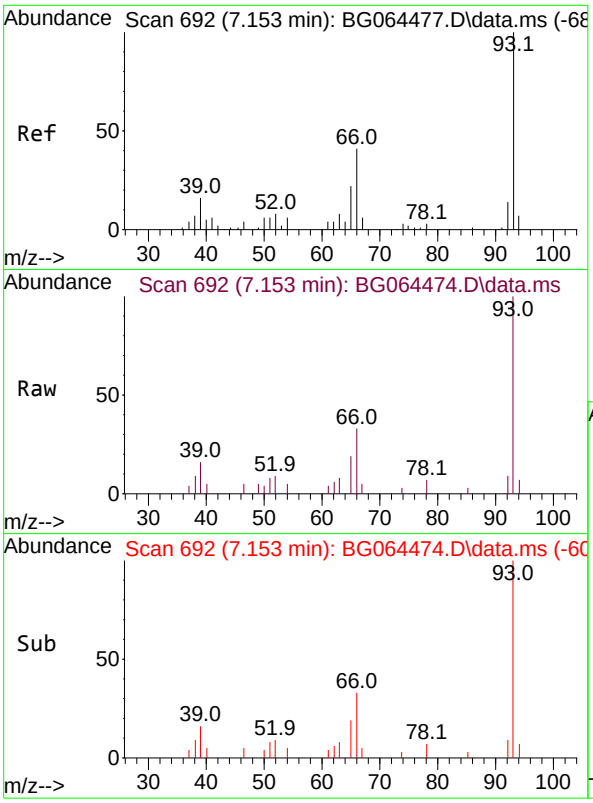


#5
2-Fluorophenol
Concen: 9.863 ng
RT: 5.408 min Scan# 395
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:112 Resp: 9220

Ion	Ratio	Lower	Upper
112	100		
64	62.2	49.8	74.8
63	36.0	31.3	46.9

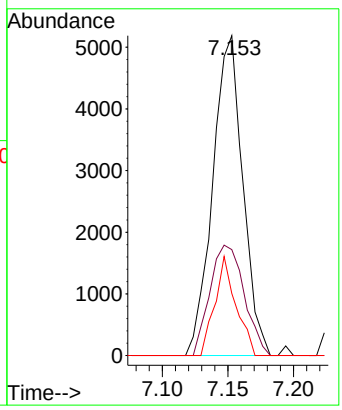




#6
Aniline
Concen: 5.221 ng
RT: 7.153 min Scan# 69
Delta R.T. 0.008 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion: 93 Resp: 827

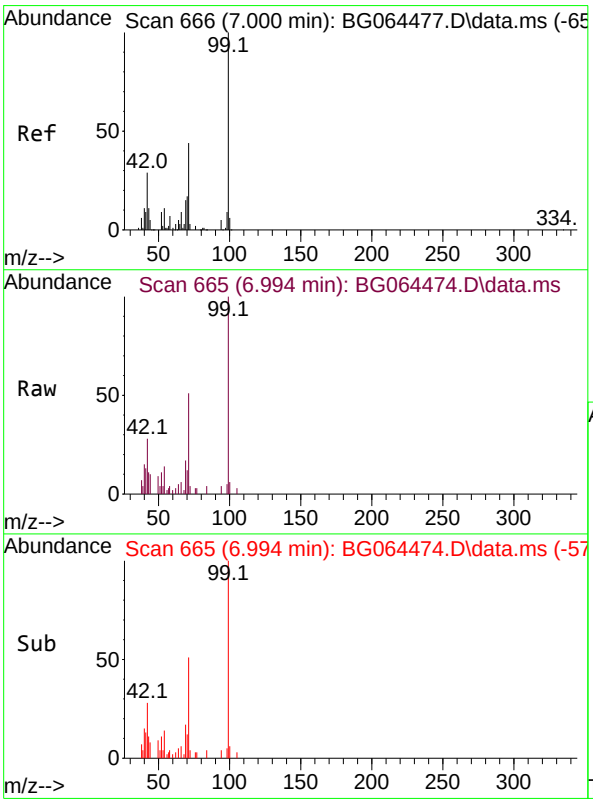
Ion	Ratio	Lower	Upper
93	100		
66	33.1	33.0	49.4
65	19.4	17.5	26.3



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

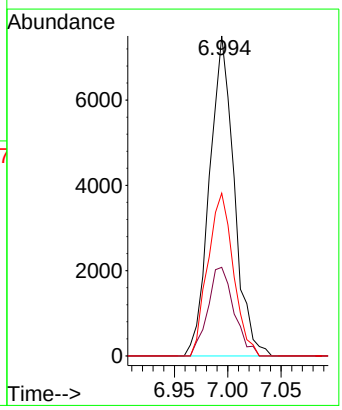
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

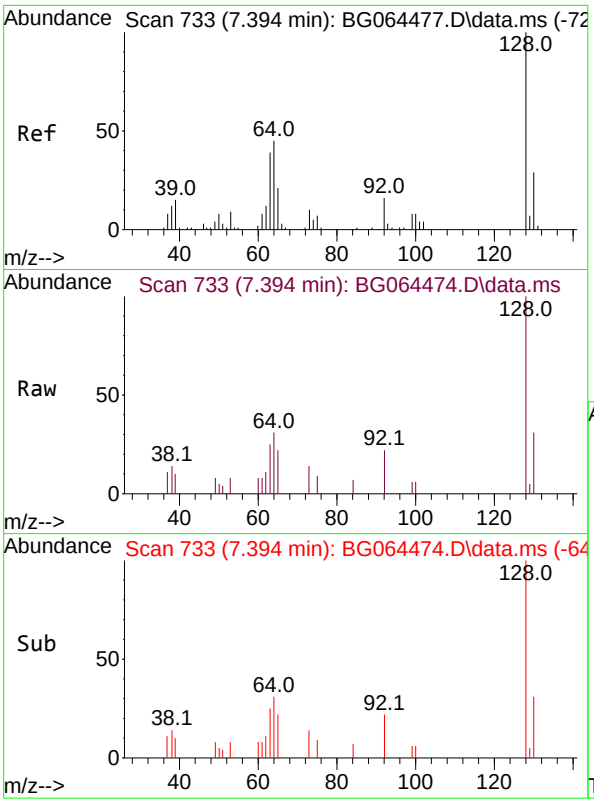


#7
Phenol-d6
Concen: 9.607 ng
RT: 6.994 min Scan# 665
Delta R.T. 0.008 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion: 99 Resp: 12069

Ion	Ratio	Lower	Upper
99	100		
42	27.7	22.9	34.3
71	50.8	35.4	53.2

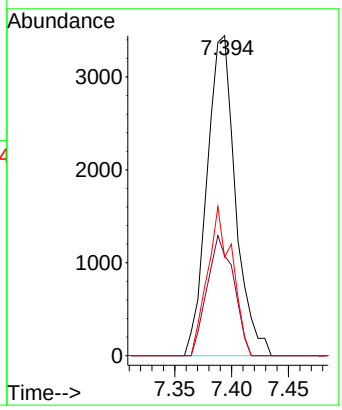




#8
2-Chlorophenol
Concen: 5.227 ng
RT: 7.394 min Scan# 7
Delta R.T. 0.008 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:128 Resp: 600

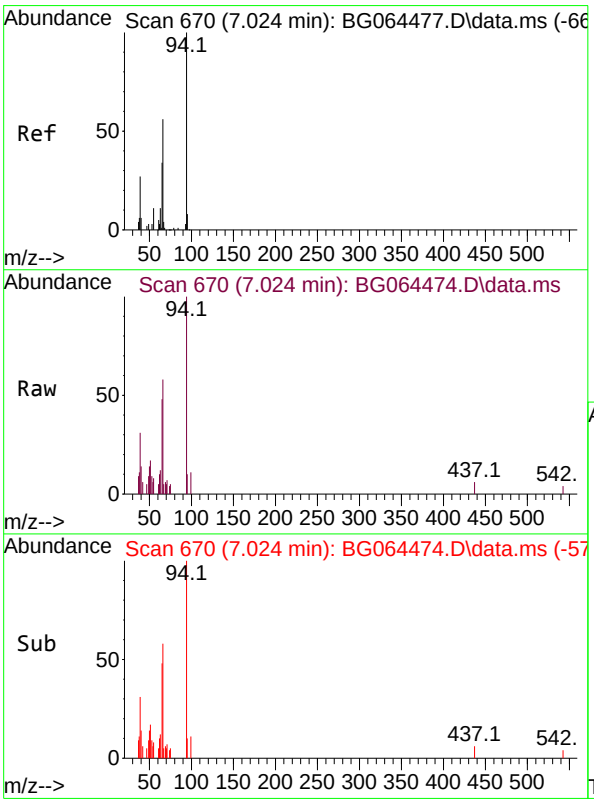
Ion	Ratio	Lower	Upper
128	100		
130	31.3	9.2	49.2
64	30.8	25.5	65.5



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

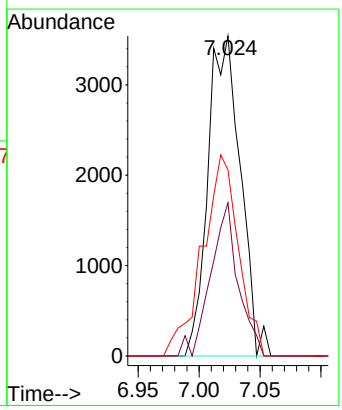
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

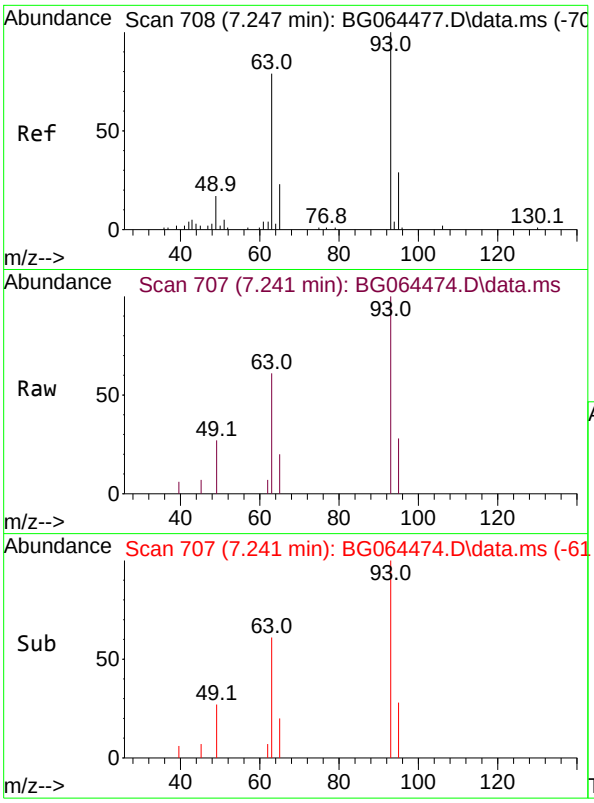


#10
Phenol
Concen: 4.953 ng
RT: 7.024 min Scan# 670
Delta R.T. 0.008 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion: 94 Resp: 6564

Ion	Ratio	Lower	Upper
94	100		
65	47.8	14.8	54.8
66	58.1	41.4	81.4

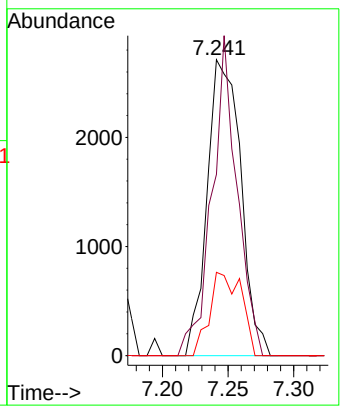




#11
bis(2-Chloroethyl)ether
Concen: 5.384 ng
RT: 7.241 min Scan# 7
Delta R.T. -0.004 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion: 93 Resp: 483

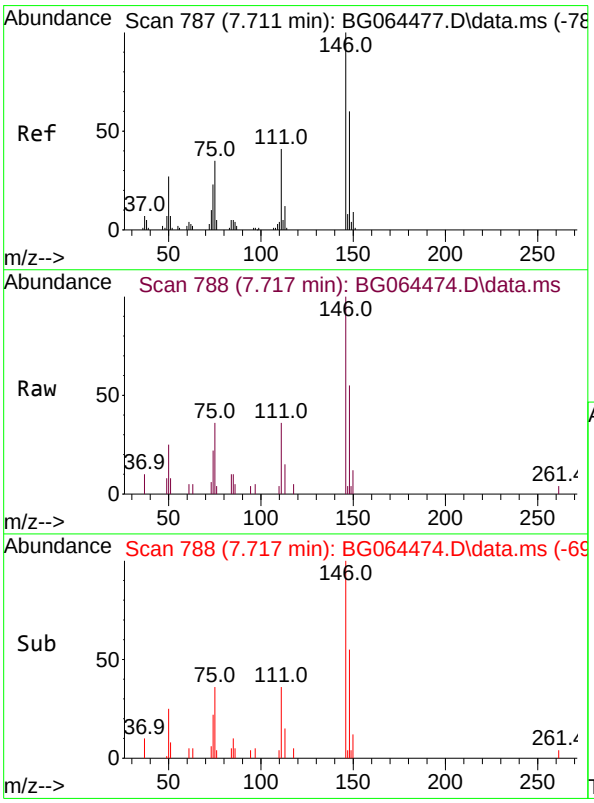
Ion	Ratio	Lower	Upper
93	100		
63	61.2	59.5	99.5
95	28.2	8.8	48.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

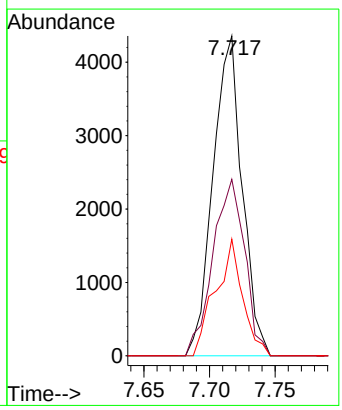
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

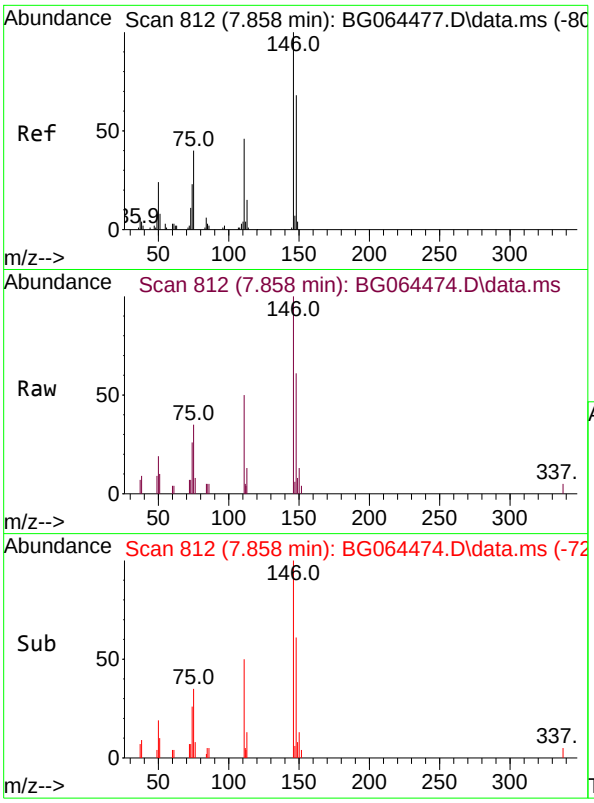


#12
1,3-Dichlorobenzene
Concen: 5.367 ng
RT: 7.717 min Scan# 788
Delta R.T. 0.008 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:146 Resp: 6740

Ion	Ratio	Lower	Upper
146	100		
148	55.2	48.4	72.6
75	36.5	28.3	42.5

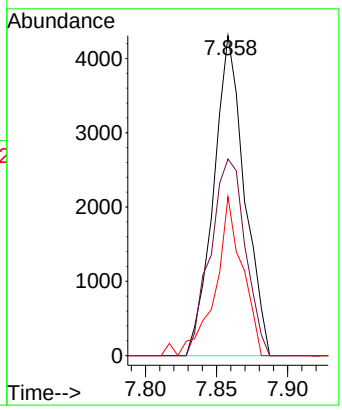




#13
1,4-Dichlorobenzene
Concen: 5.169 ng
RT: 7.858 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:146 Resp: 651

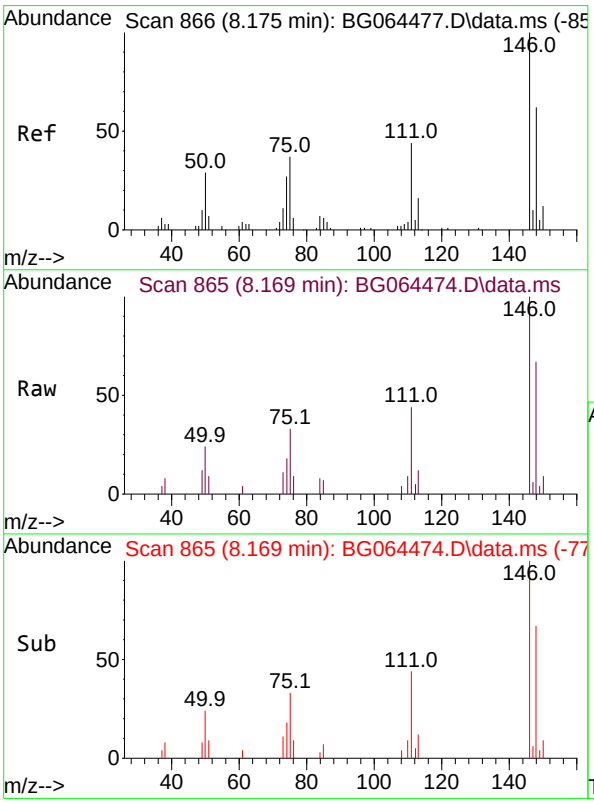
Ion	Ratio	Lower	Upper
146	100		
148	61.4	54.4	81.6
111	54.2	36.5	54.7



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations
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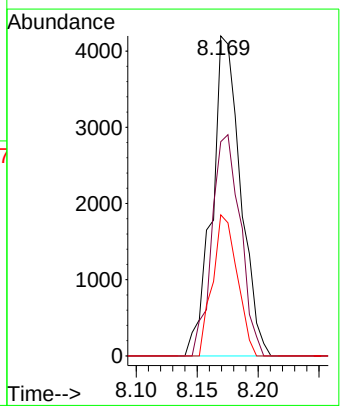
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

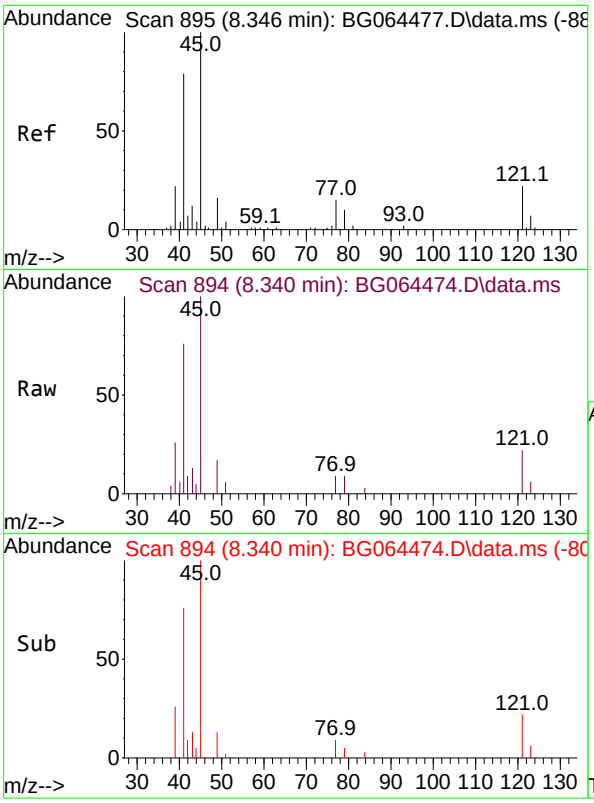


#14
1,2-Dichlorobenzene
Concen: 5.512 ng
RT: 8.169 min Scan# 865
Delta R.T. -0.004 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:146 Resp: 6846

Ion	Ratio	Lower	Upper
146	100		
148	66.9	50.0	75.0
111	44.1	35.0	52.4

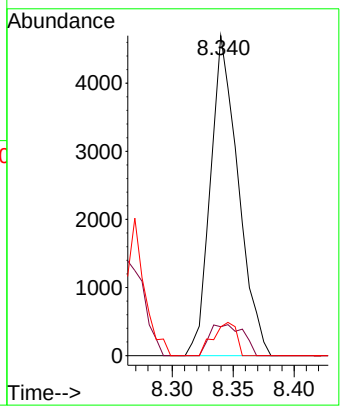




#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.144 ng
RT: 8.340 min Scan# 89
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion: 45 Resp: 7441

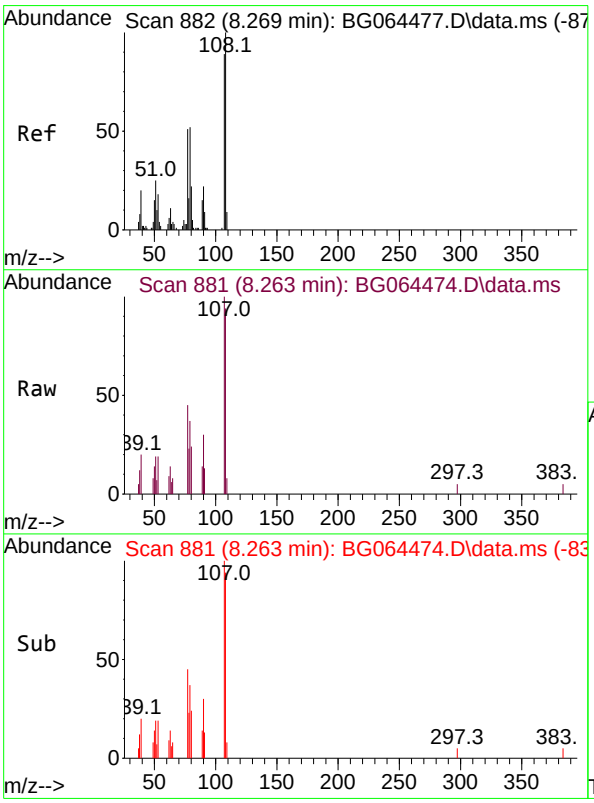
Ion	Ratio	Lower	Upper
45	100		
77	9.0	0.0	35.6
79	9.0	0.0	30.7



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations
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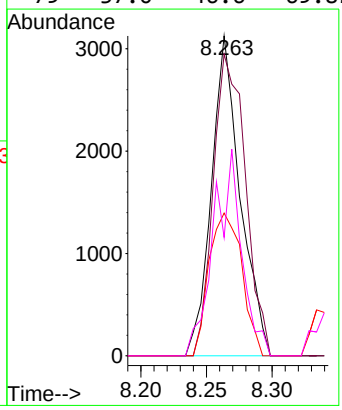
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

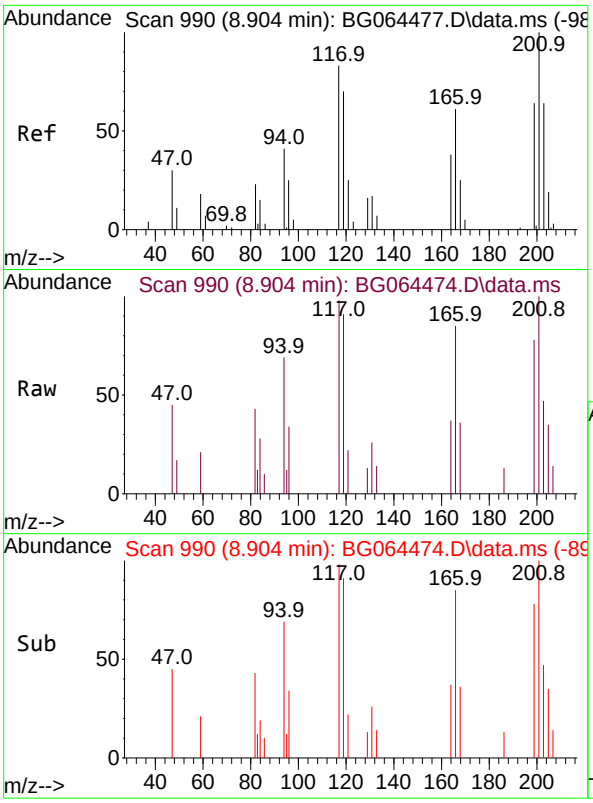


#17
2-Methylphenol
Concen: 4.981 ng
RT: 8.263 min Scan# 881
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:107 Resp: 4780

Ion	Ratio	Lower	Upper
107	100		
108	94.3	90.3	135.5
77	44.6	46.0	69.0#
79	37.0	46.6	69.8#

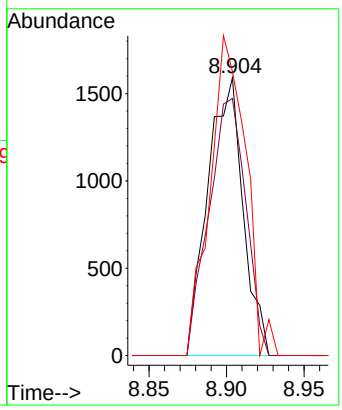




#18
Hexachloroethane
Concen: 5.094 ng
RT: 8.904 min Scan# 99
Delta R.T. 0.008 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:117 Resp: 253

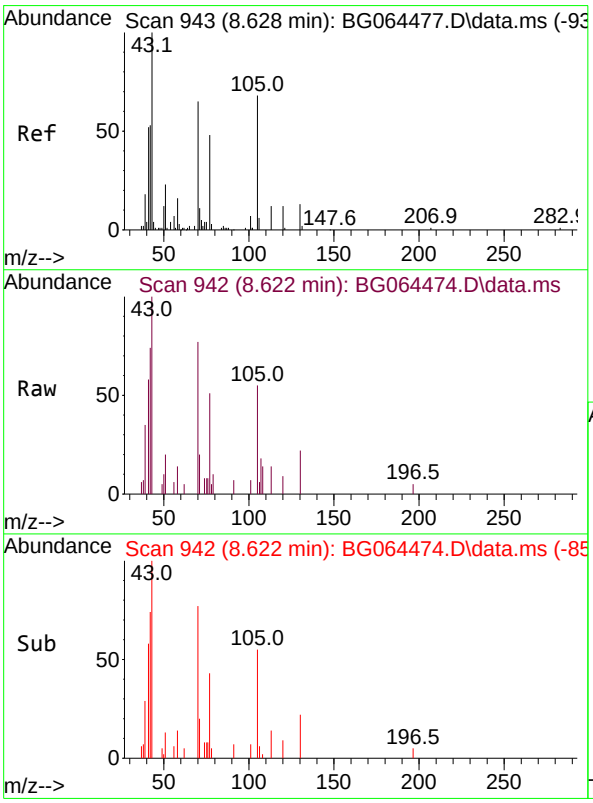
Ion	Ratio	Lower	Upper
117	100		
119	92.5	67.4	101.0
201	102.2	95.9	143.9



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

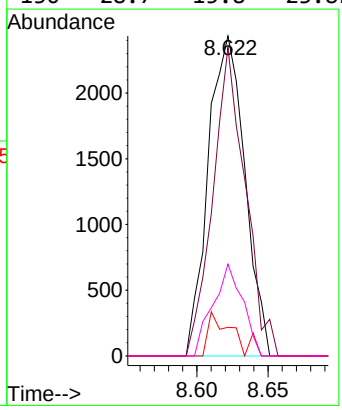
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

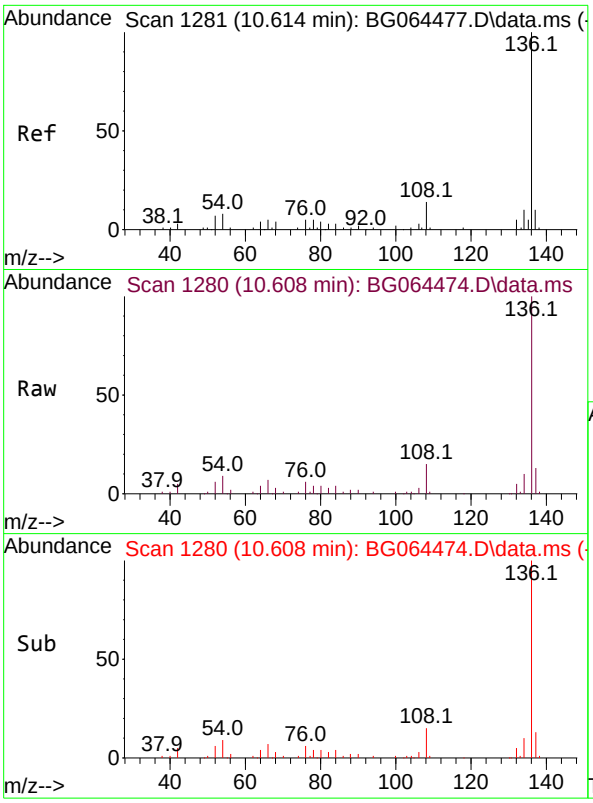


#19
n-Nitroso-di-n-propylamine
Concen: 5.192 ng
RT: 8.622 min Scan# 942
Delta R.T. 0.008 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion: 70 Resp: 4362

Ion	Ratio	Lower	Upper
70	100		
42	96.4	64.9	97.3
101	8.9	8.7	13.1
130	28.7	15.8	23.8#

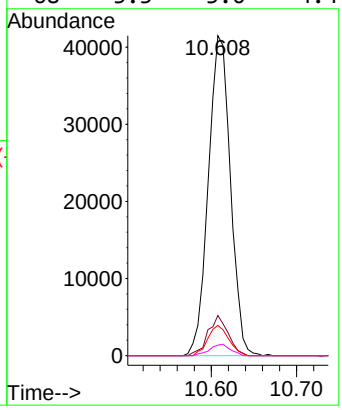




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.608 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:136 Resp: 7457

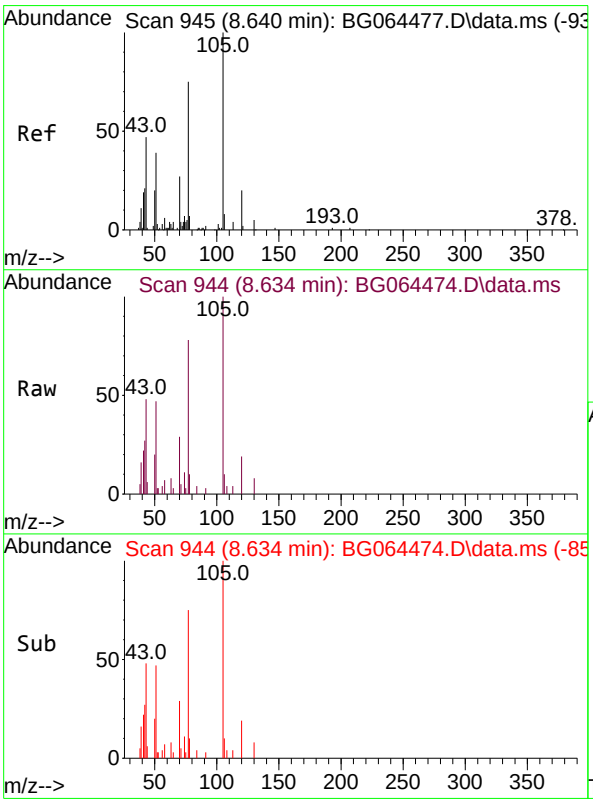
Ion	Ratio	Lower	Upper
136	100		
137	12.5	8.3	12.5#
54	9.4	6.2	9.4#
68	3.3	3.0	4.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

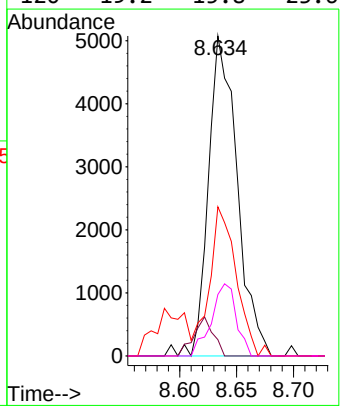
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

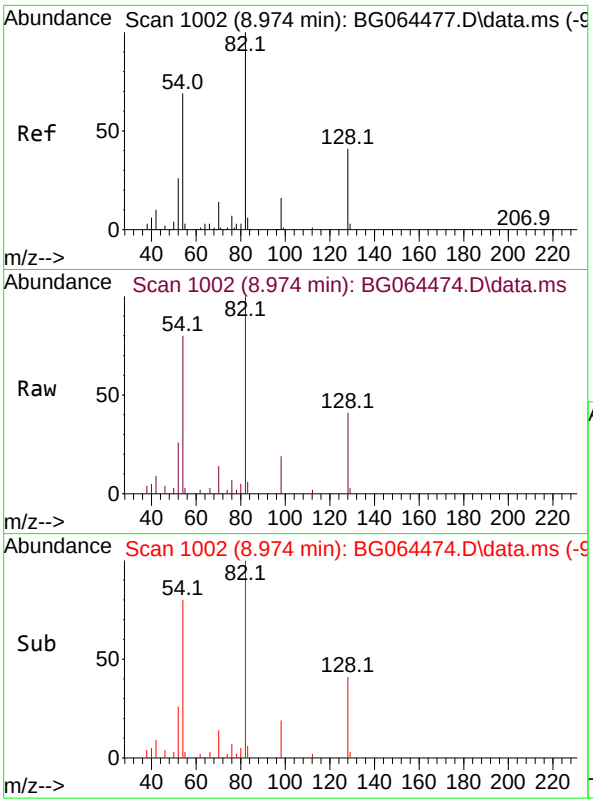


#22
Acetophenone
Concen: 4.917 ng
RT: 8.634 min Scan# 944
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:105 Resp: 8878

Ion	Ratio	Lower	Upper
105	100		
71	5.1	2.8	4.2#
51	46.6	33.0	49.4
120	19.2	15.8	23.6

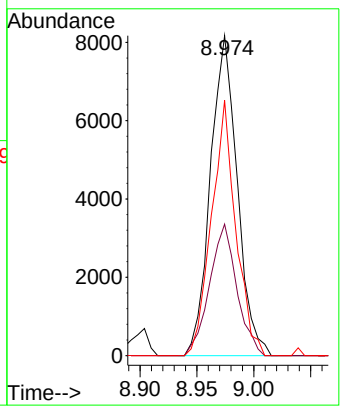




#23
Nitrobenzene-d5
Concen: 9.673 ng
RT: 8.974 min Scan# 1
Delta R.T. 0.008 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion: 82 Resp: 1341

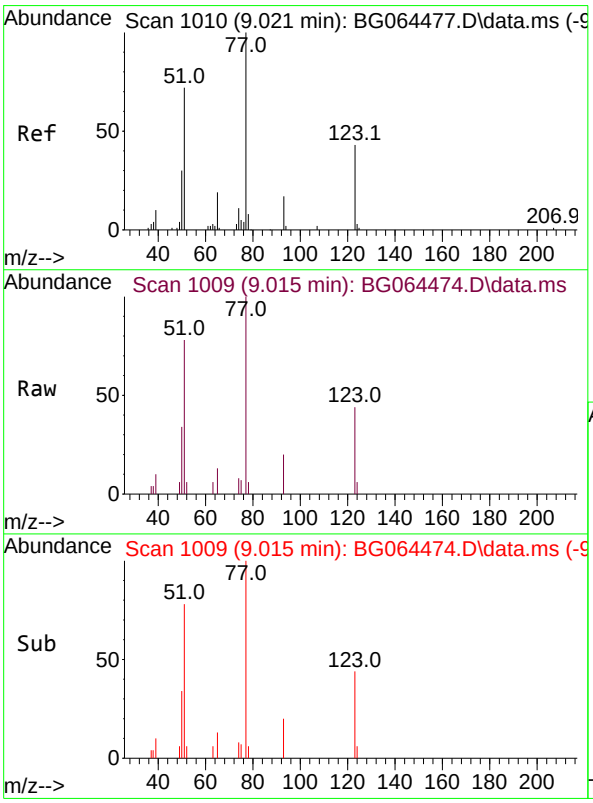
Ion	Ratio	Lower	Upper
82	100		
128	41.1	33.1	49.7
54	79.8	55.4	83.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

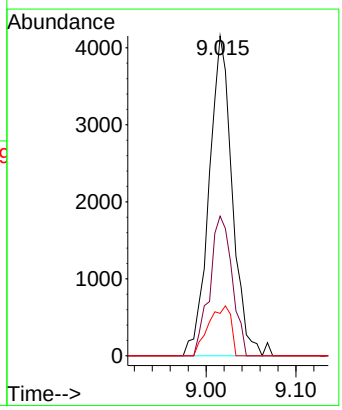
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

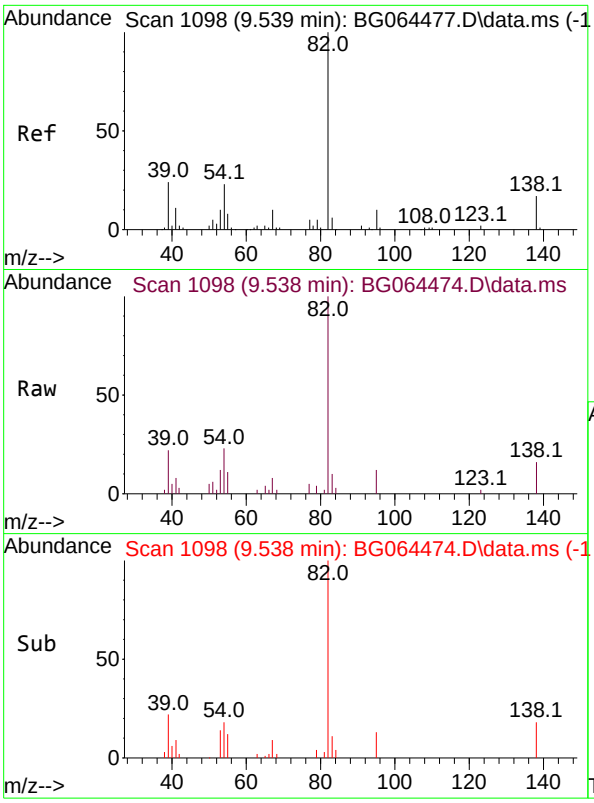


#24
Nitrobenzene
Concen: 5.426 ng
RT: 9.015 min Scan# 1009
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion: 77 Resp: 7504

Ion	Ratio	Lower	Upper
77	100		
123	43.7	34.4	51.6
65	13.3	14.8	22.2#

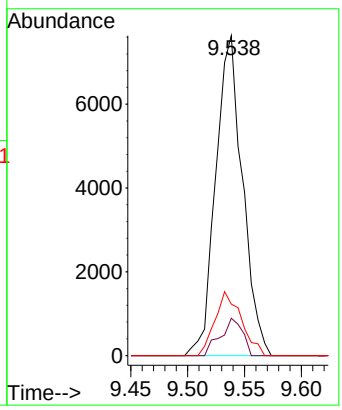




#25
Isophorone
Concen: 4.984 ng
RT: 9.538 min Scan# 10
Delta R.T. 0.008 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion: 82 Resp: 1252

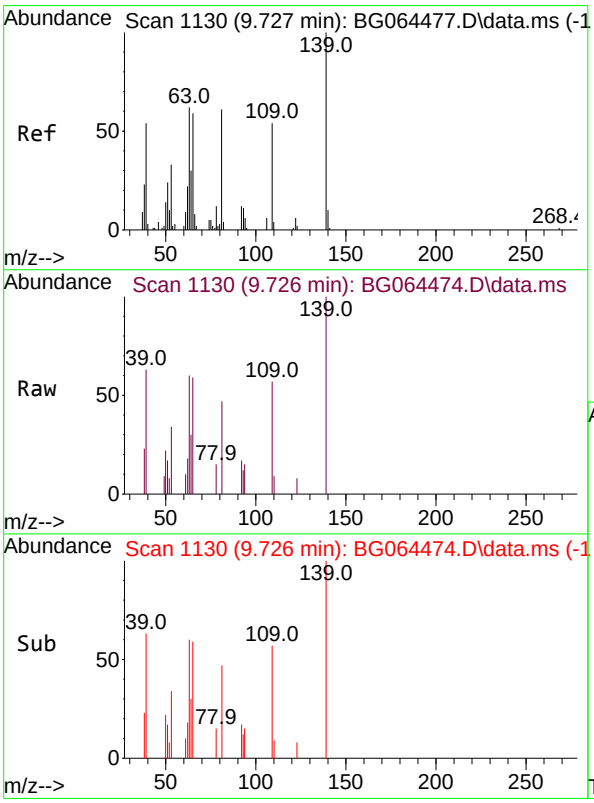
Ion	Ratio	Lower	Upper
82	100		
95	11.7	7.8	11.8
138	16.1	13.8	20.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

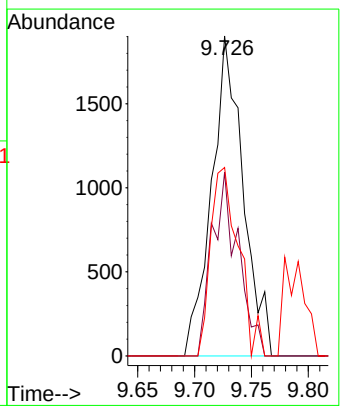
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

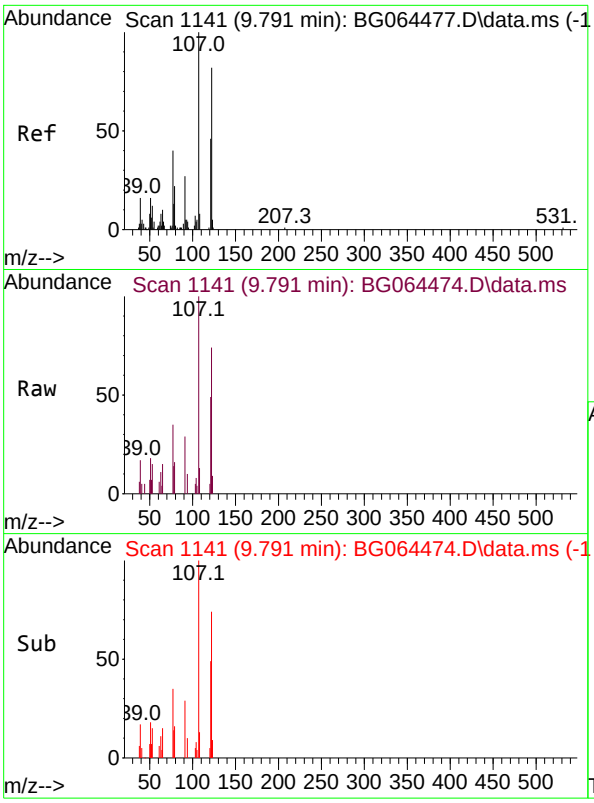


#26
2-Nitrophenol
Concen: 5.329 ng
RT: 9.726 min Scan# 1130
Delta R.T. 0.008 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:139 Resp: 3668

Ion	Ratio	Lower	Upper
139	100		
109	57.4	43.0	64.6
65	58.9	47.4	71.2

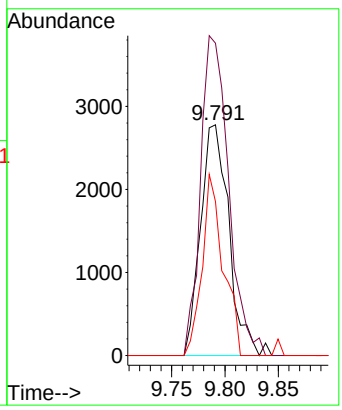




#27
2,4-Dimethylphenol
Concen: 4.903 ng
RT: 9.791 min Scan# 11
Delta R.T. 0.008 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:122 Resp: 515

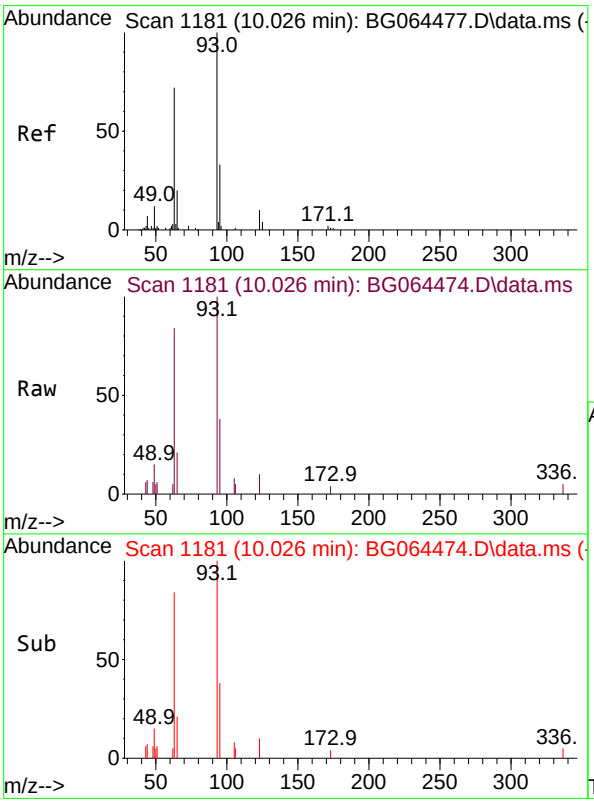
Ion	Ratio	Lower	Upper
122	100		
107	135.4	98.3	147.5
121	66.7	44.7	67.1



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

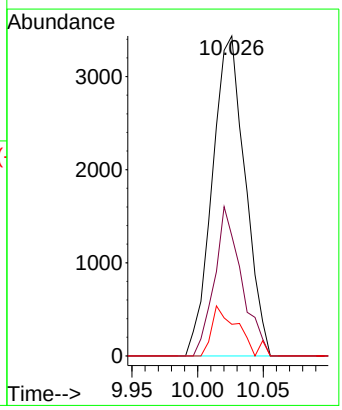
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

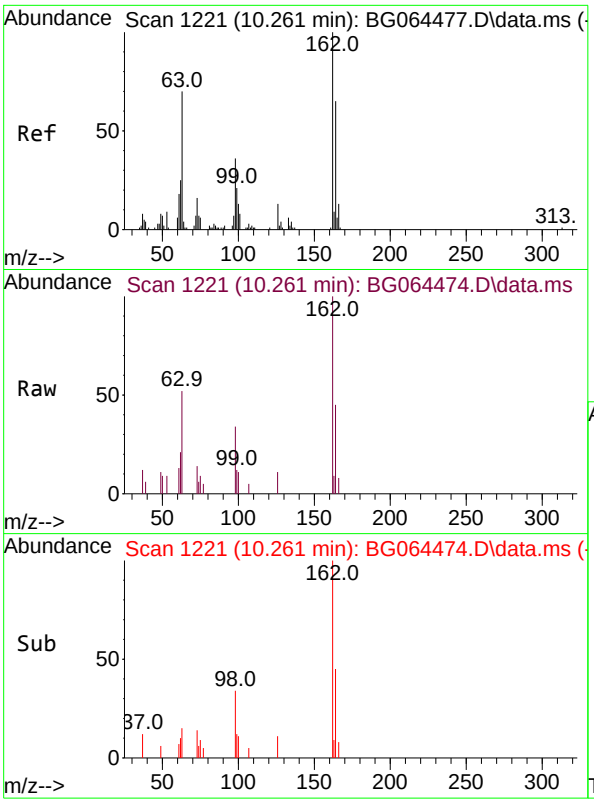


#28
bis(2-Chloroethoxy)methane
Concen: 4.662 ng
RT: 10.026 min Scan# 1181
Delta R.T. 0.008 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion: 93 Resp: 5971

Ion	Ratio	Lower	Upper
93	100		
95	37.5	26.5	39.7
123	9.9	8.9	13.3

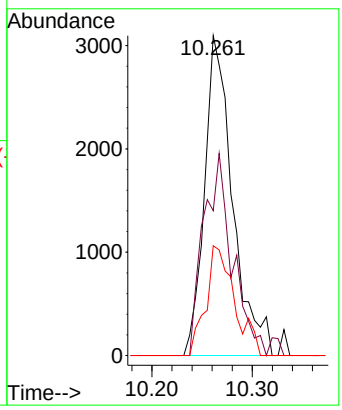




#29
2,4-Dichlorophenol
Concen: 4.959 ng
RT: 10.261 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:162 Resp: 602

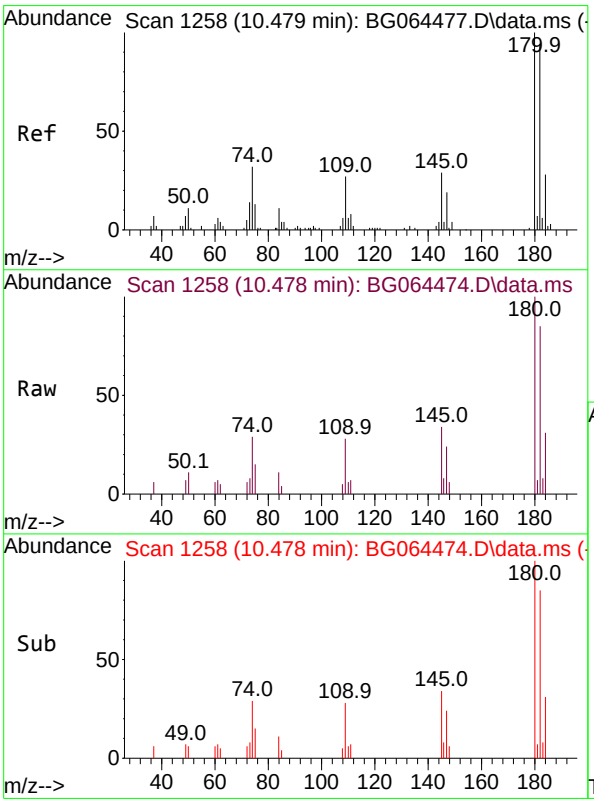
Ion	Ratio	Lower	Upper
162	100		
164	45.3	45.4	85.4
98	34.3	16.4	56.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations
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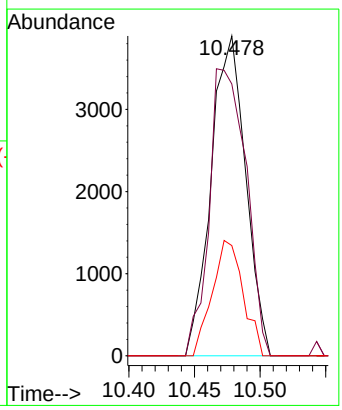
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

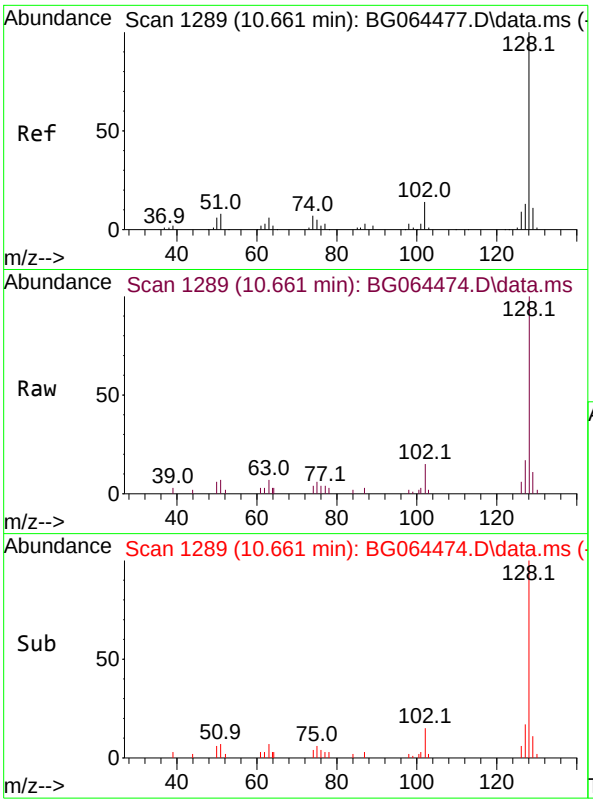


#30
1,2,4-Trichlorobenzene
Concen: 5.383 ng
RT: 10.478 min Scan# 1258
Delta R.T. 0.008 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:180 Resp: 7136

Ion	Ratio	Lower	Upper
180	100		
182	85.0	75.4	113.2
145	34.5	23.2	34.8

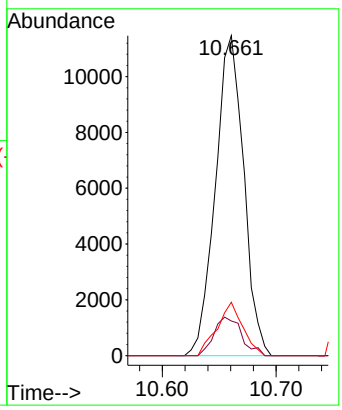




#31
Naphthalene
Concen: 5.158 ng
RT: 10.661 min Scan# 1
Delta R.T. 0.008 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:128 Resp: 1980

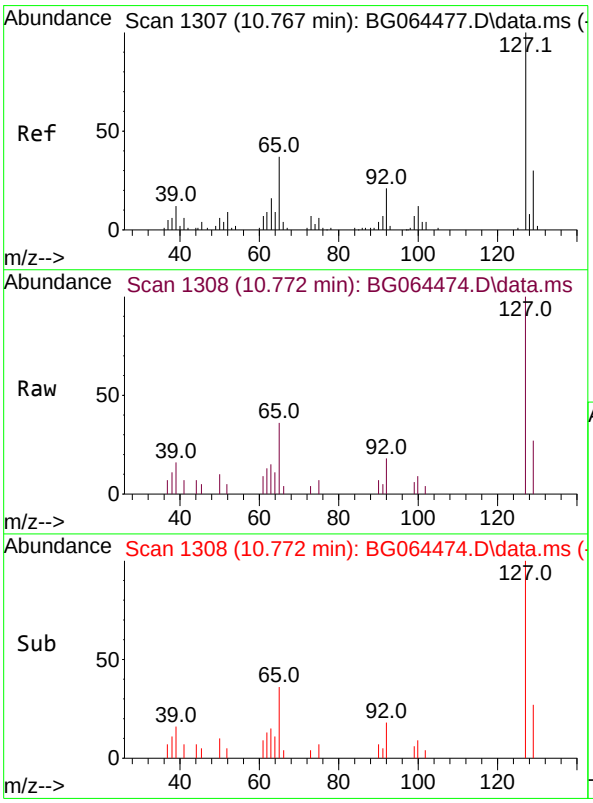
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	16.7	10.2	15.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

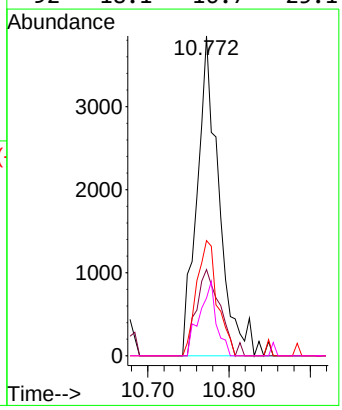
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

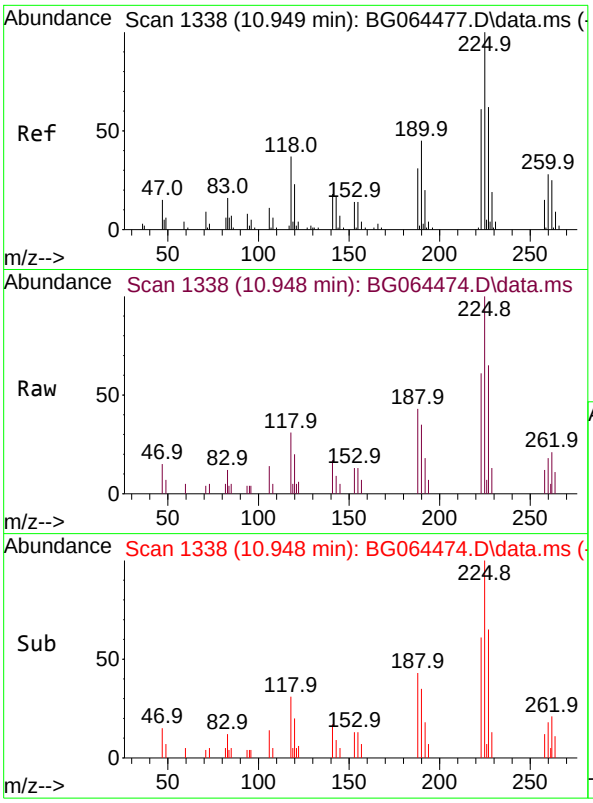


#33
4-Chloroaniline
Concen: 4.960 ng
RT: 10.772 min Scan# 1308
Delta R.T. 0.008 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:127 Resp: 7309

Ion	Ratio	Lower	Upper
127	100		
129	26.9	24.2	36.4
65	36.0	29.6	44.4
92	18.1	16.7	25.1

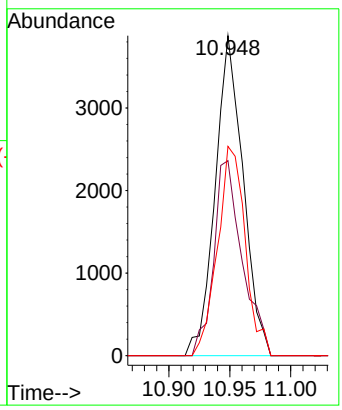




#34
Hexachlorobutadiene
Concen: 5.435 ng
RT: 10.948 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:225 Resp: 617

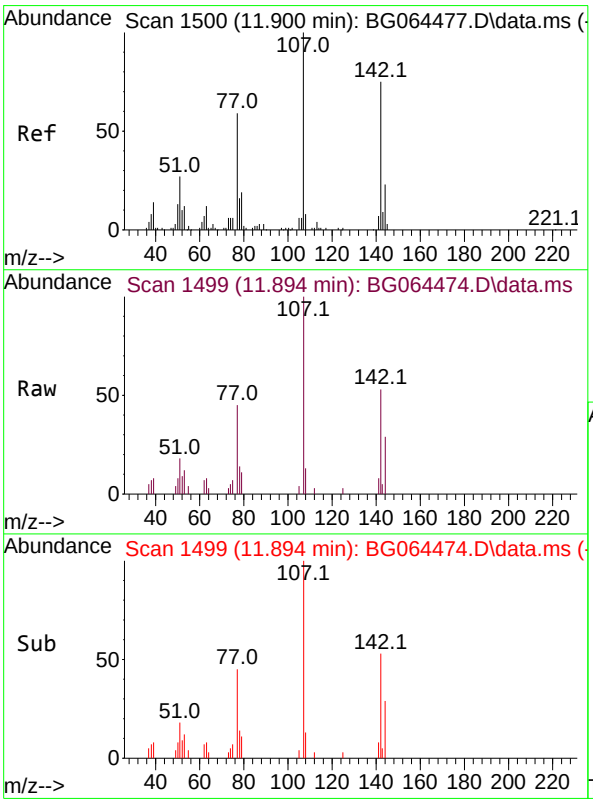
Ion	Ratio	Lower	Upper
225	100		
223	60.9	49.0	73.6
227	65.4	49.9	74.9



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations
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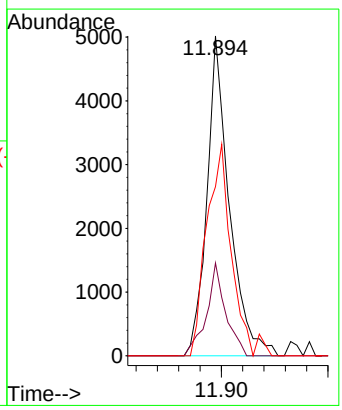
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

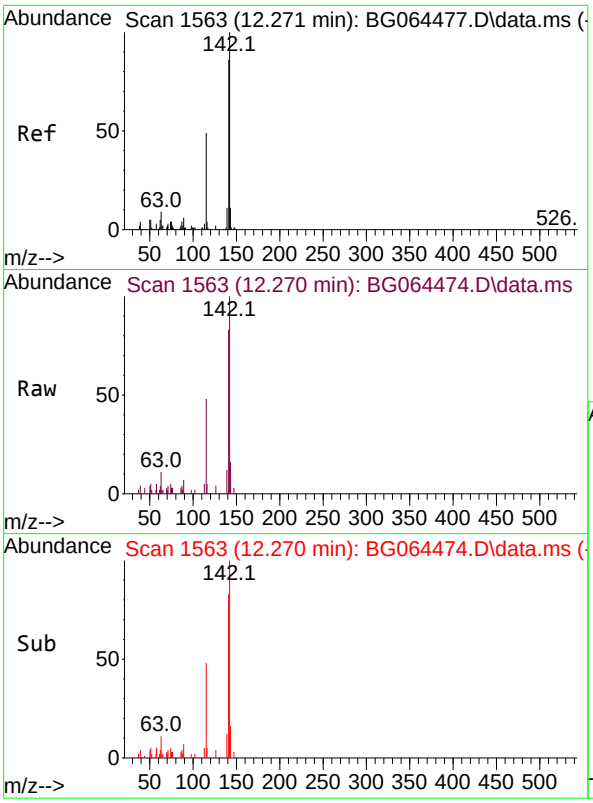


#36
4-Chloro-3-methylphenol
Concen: 4.978 ng
RT: 11.894 min Scan# 1499
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:107 Resp: 7360

Ion	Ratio	Lower	Upper
107	100		
144	29.0	18.7	28.1#
142	58.3	60.2	90.2#

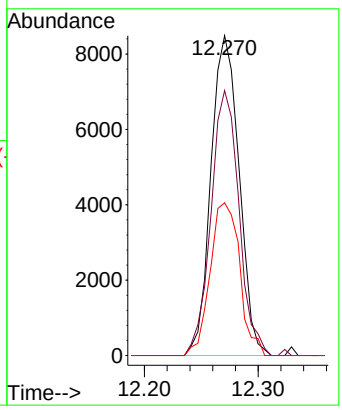




#37
2-Methylnaphthalene
Concen: 4.953 ng
RT: 12.270 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:142 Resp: 1460

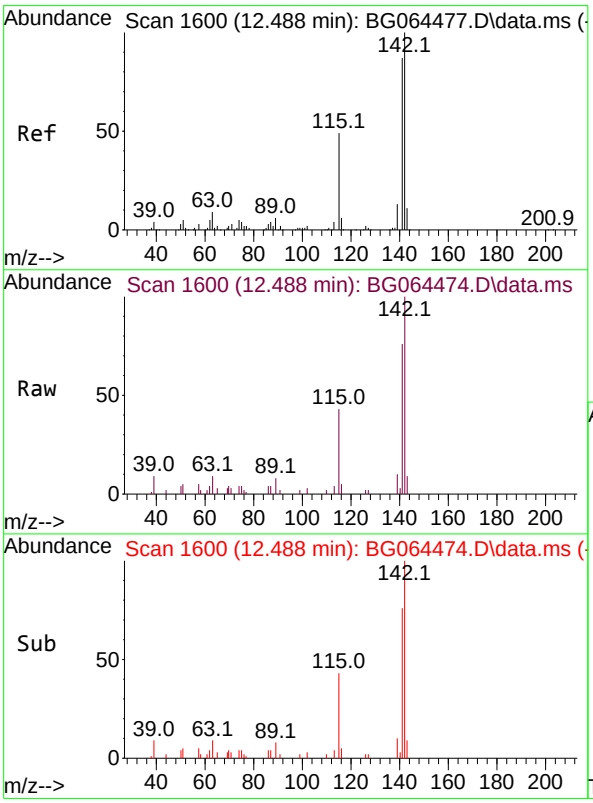
Ion	Ratio	Lower	Upper
142	100		
141	82.8	68.7	103.1
115	47.8	39.3	58.9



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

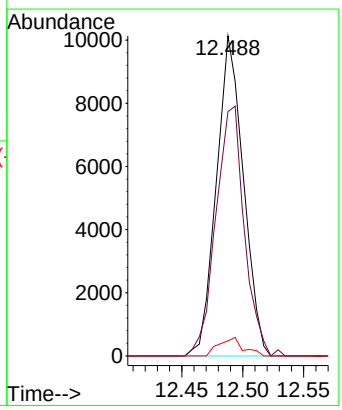
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

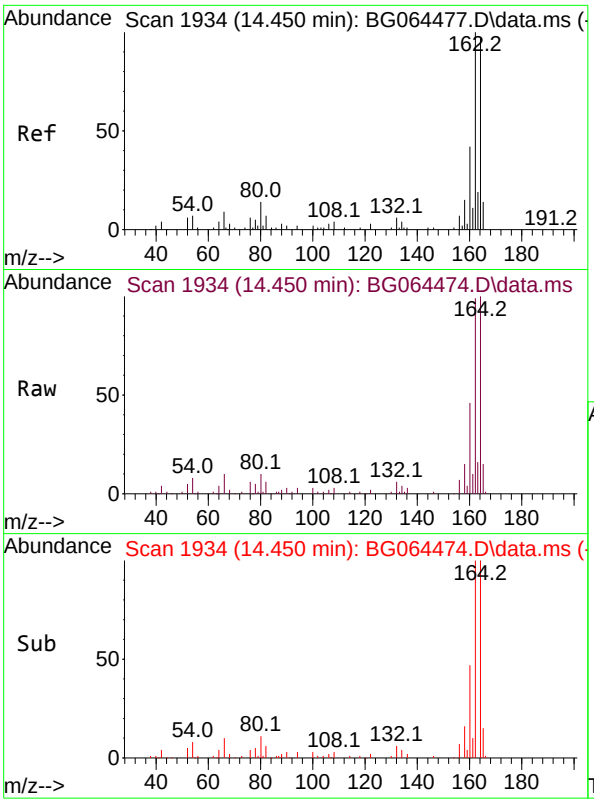


#38
1-Methylnaphthalene
Concen: 5.311 ng
RT: 12.488 min Scan# 1600
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:142 Resp: 15610

Ion	Ratio	Lower	Upper
142	100		
141	76.4	69.8	104.8
116	4.7	4.6	6.8

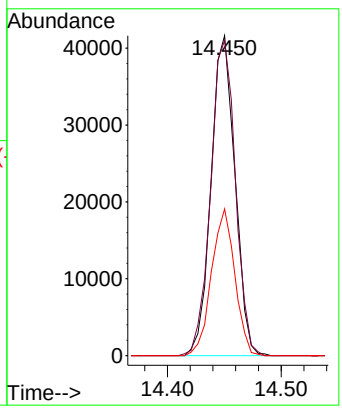




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.450 min Scan# 19
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:164 Resp: 6073

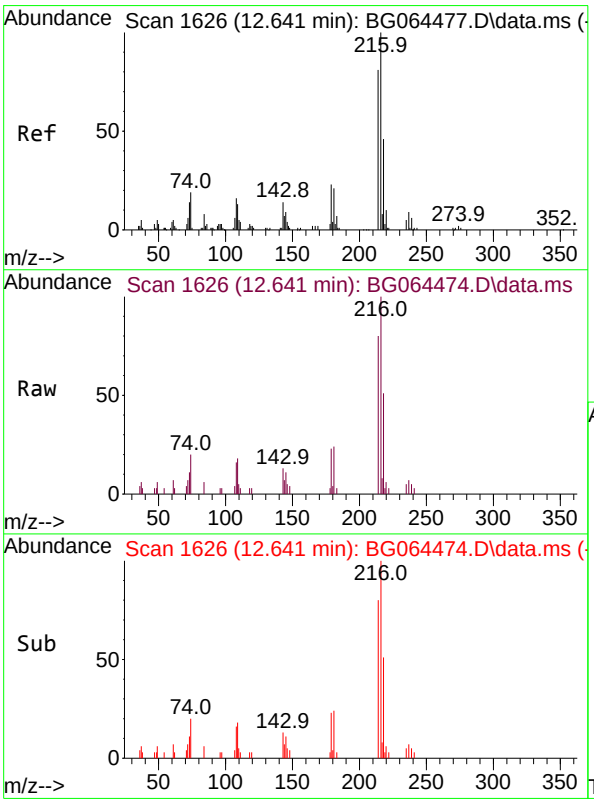
Ion	Ratio	Lower	Upper
164	100		
162	98.5	82.2	123.2
160	45.8	34.3	51.5



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

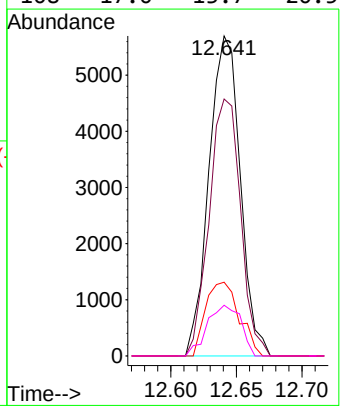
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

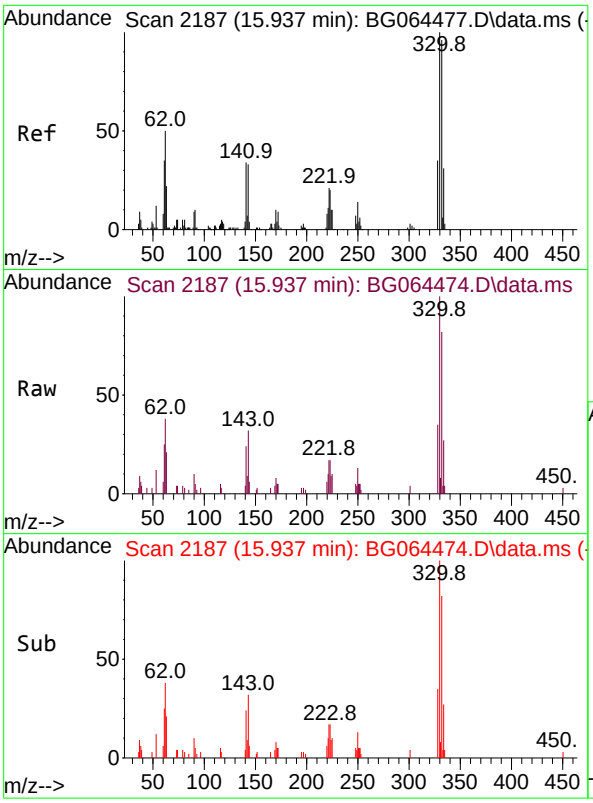


#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.820 ng
RT: 12.641 min Scan# 1626
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:216 Resp: 9451

Ion	Ratio	Lower	Upper
216	100		
214	80.6	62.5	93.7
179	24.8	17.0	25.6
108	17.0	13.7	20.5

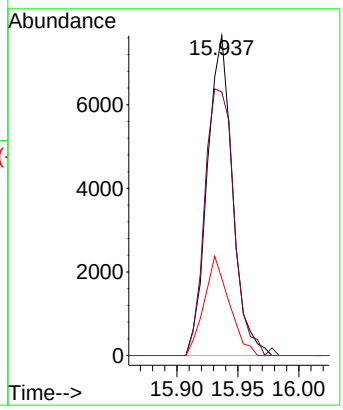




#42
2,4,6-Tribromophenol
Concen: 10.043 ng
RT: 15.937 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:330 Resp: 1105

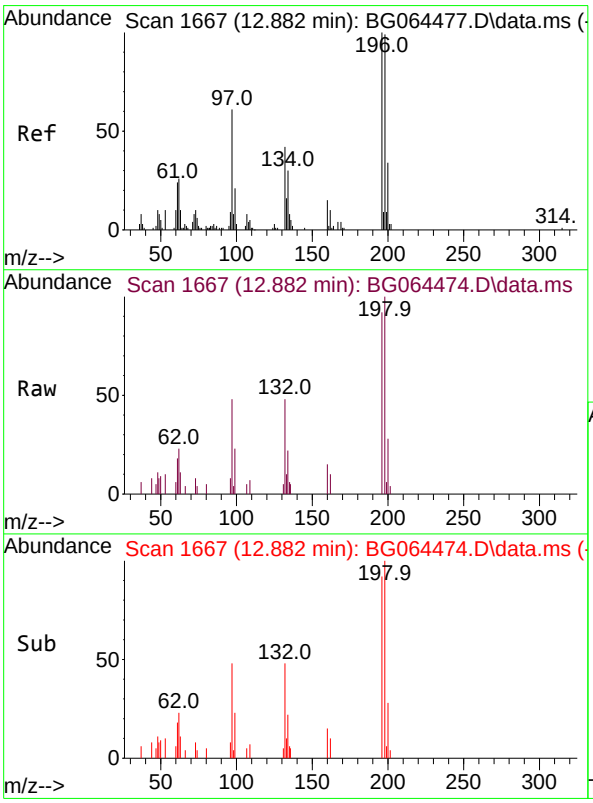
Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.4	116.0
141	30.8	25.8	38.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

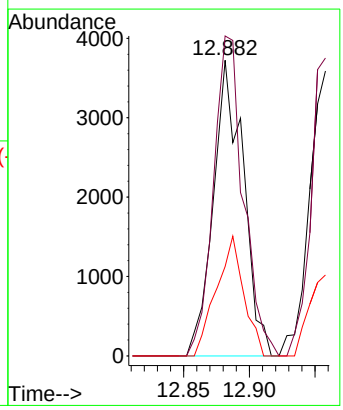
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

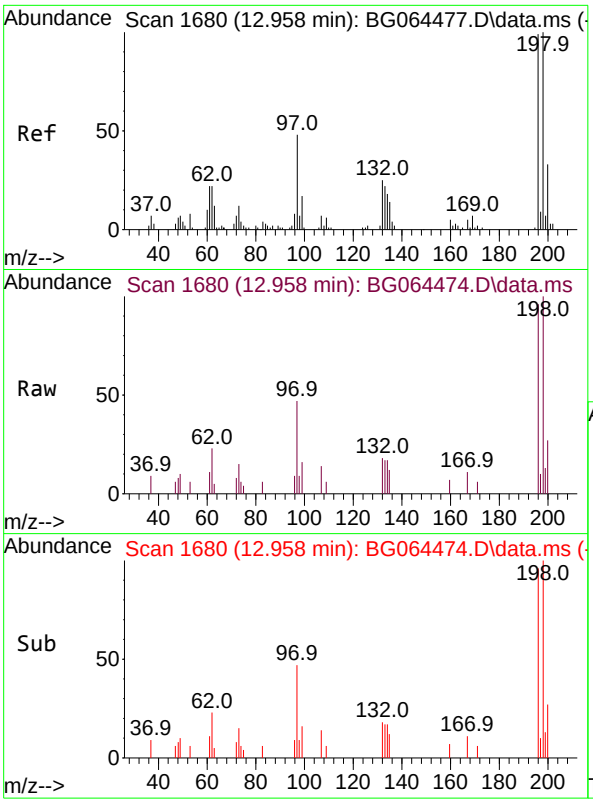


#43
2,4,6-Trichlorophenol
Concen: 4.742 ng
RT: 12.882 min Scan# 1667
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:196 Resp: 5944

Ion	Ratio	Lower	Upper
196	100		
198	108.3	79.3	118.9
200	30.2	27.4	41.2

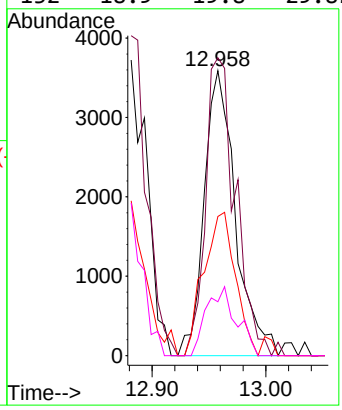




#44
2,4,5-Trichlorophenol
Concen: 4.890 ng
RT: 12.958 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:196 Resp: 684

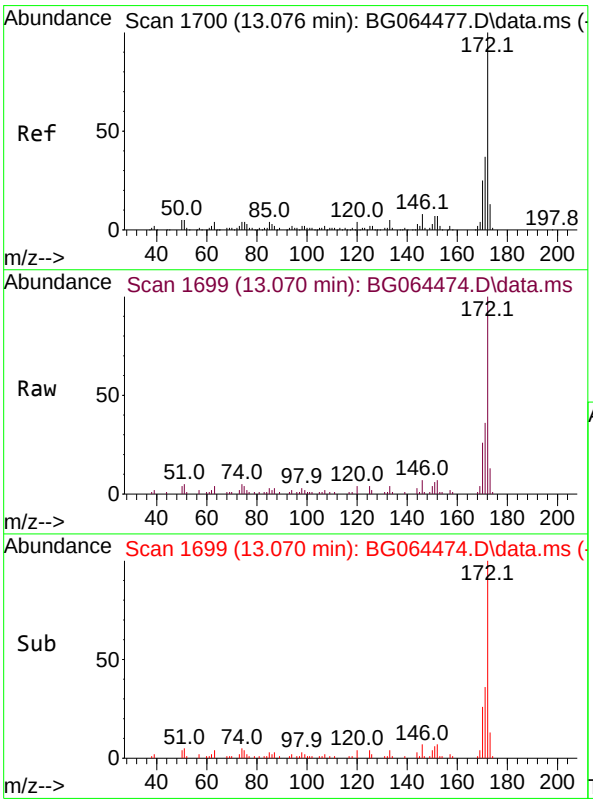
Ion	Ratio	Lower	Upper
196	100		
198	104.6	80.3	120.5
97	48.8	39.4	59.0
132	18.9	19.8	29.8#



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

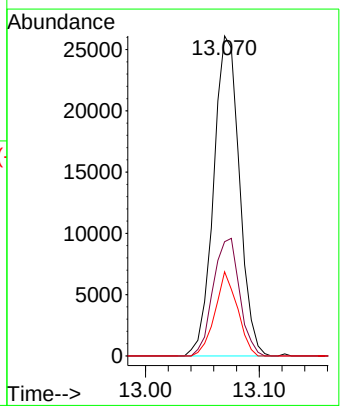
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

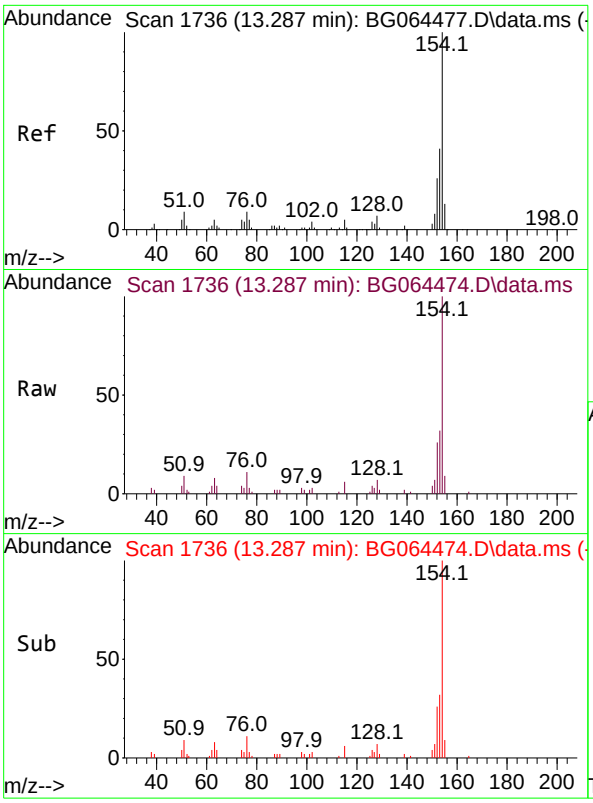


#45
2-Fluorobiphenyl
Concen: 9.988 ng
RT: 13.070 min Scan# 1699
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:172 Resp: 41153

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	26.3	20.2	30.2

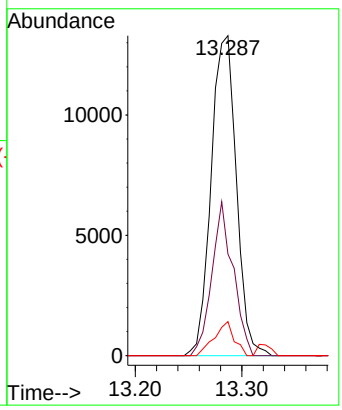




#46
1,1'-Biphenyl
Concen: 5.003 ng
RT: 13.287 min Scan# 1
Delta R.T. 0.008 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:154 Resp: 2185

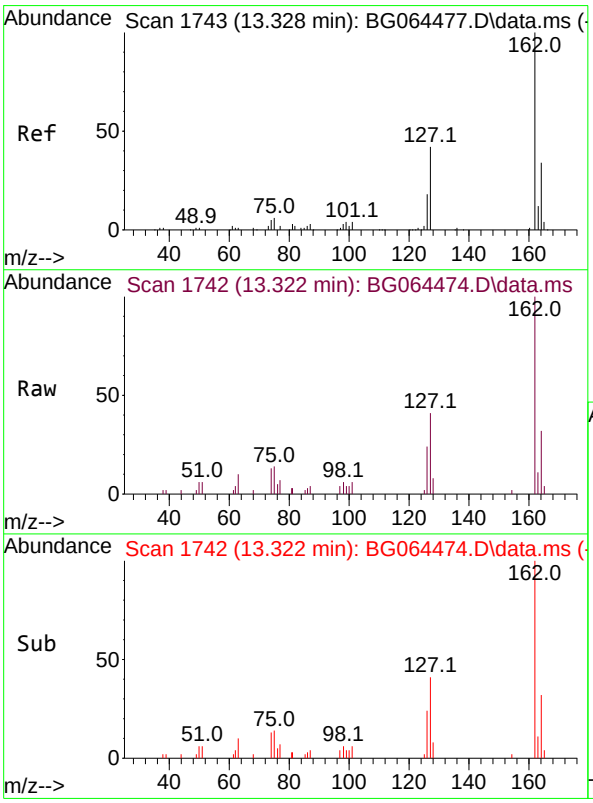
Ion	Ratio	Lower	Upper
154	100		
153	31.7	20.7	60.7
76	10.6	0.0	29.3



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

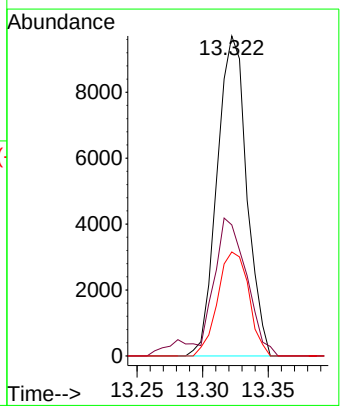
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

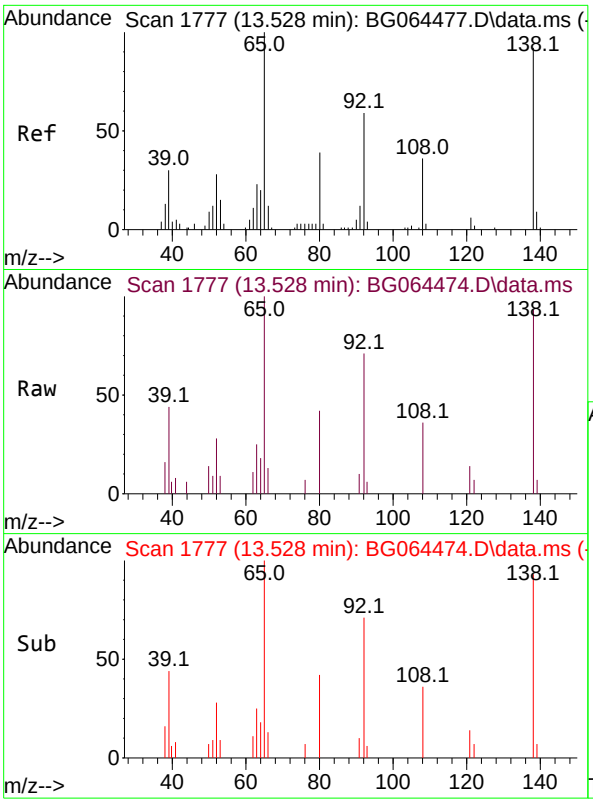


#47
2-Chloronaphthalene
Concen: 4.685 ng
RT: 13.322 min Scan# 1742
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:162 Resp: 15278

Ion	Ratio	Lower	Upper
162	100		
127	40.9	35.8	53.8
164	32.5	27.2	40.8

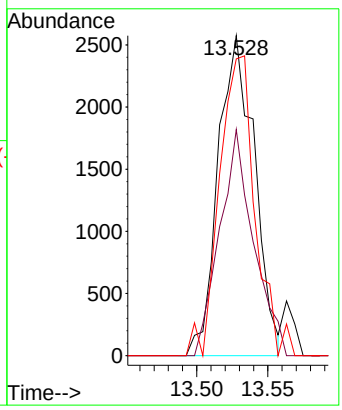




#48
2-Nitroaniline
Concen: 4.107 ng
RT: 13.528 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion: 65 Resp: 457

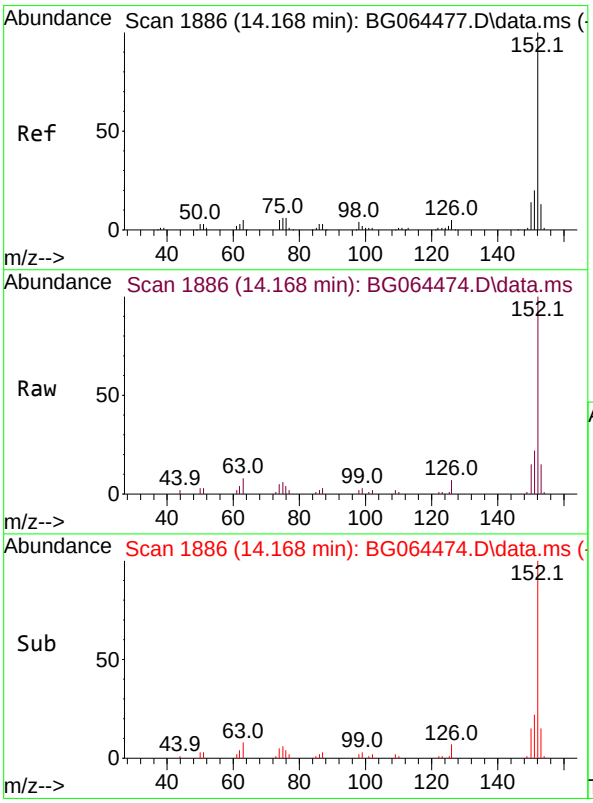
Ion	Ratio	Lower	Upper
65	100		
92	70.6	47.0	70.6#
138	92.7	73.5	110.3



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

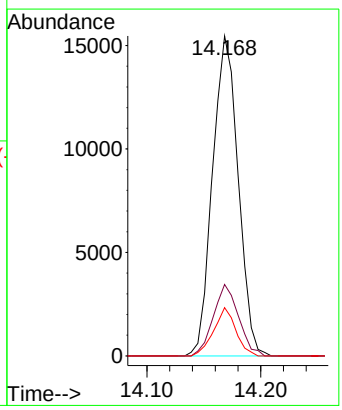
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

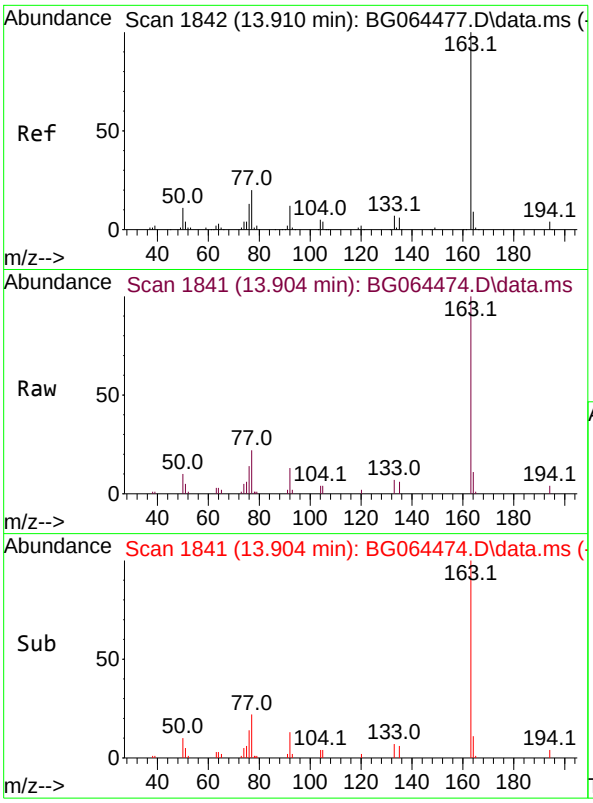


#49
Acenaphthylene
Concen: 4.990 ng
RT: 14.168 min Scan# 1886
Delta R.T. -0.004 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:152 Resp: 24156

Ion	Ratio	Lower	Upper
152	100		
151	22.3	15.8	23.6
153	15.1	10.6	15.8





#50
Dimethylphthalate
Concen: 4.992 ng
RT: 13.904 min Scan# 18
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

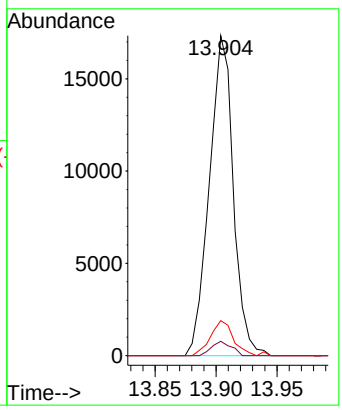
Tgt Ion:163 Resp: 2374

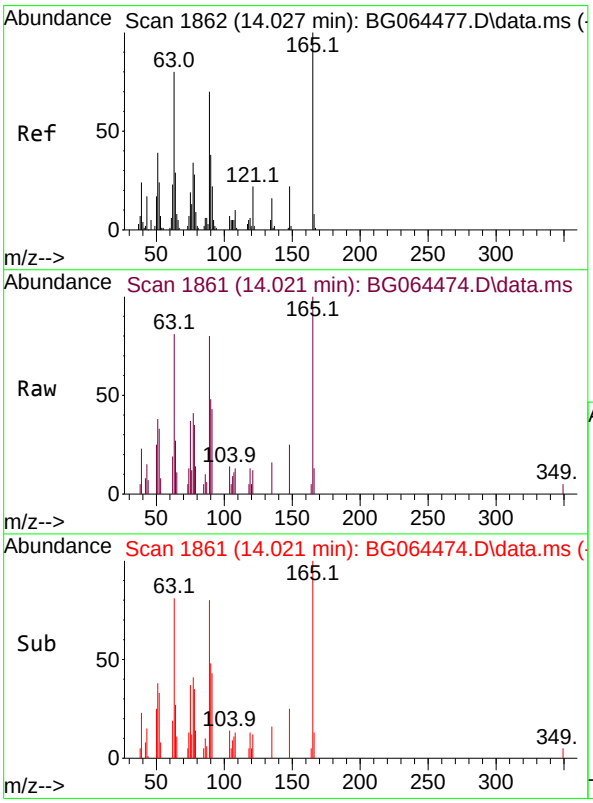
Ion	Ratio	Lower	Upper
163	100		
194	4.5	2.9	4.3#
164	10.9	7.4	11.0

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

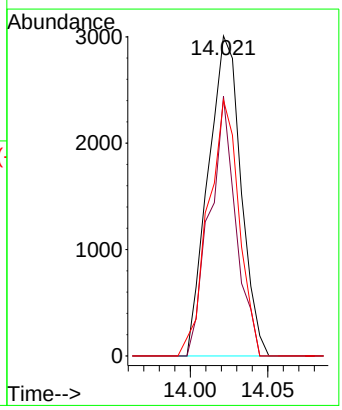


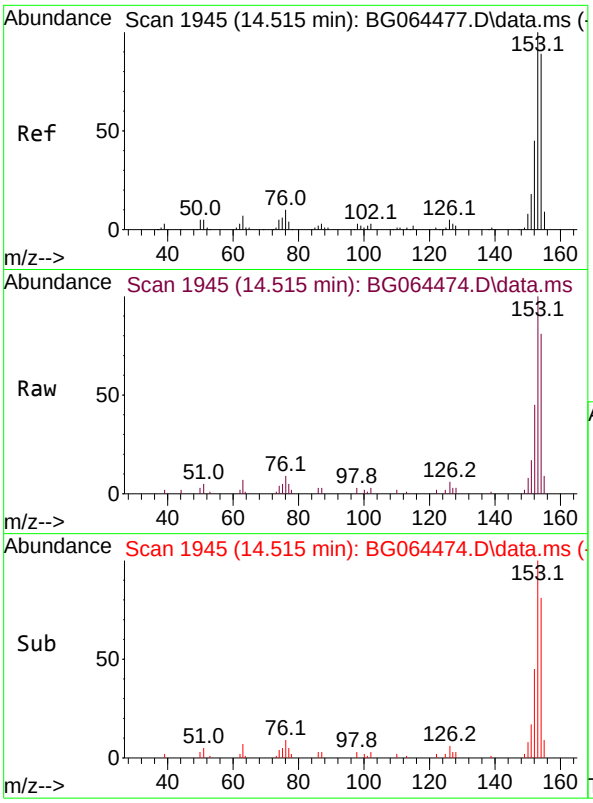


#51
2,6-Dinitrotoluene
Concen: 4.470 ng
RT: 14.021 min Scan# 1861
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:165 Resp: 4429

Ion	Ratio	Lower	Upper
165	100		
63	81.1	63.9	95.9
89	80.0	56.1	84.1

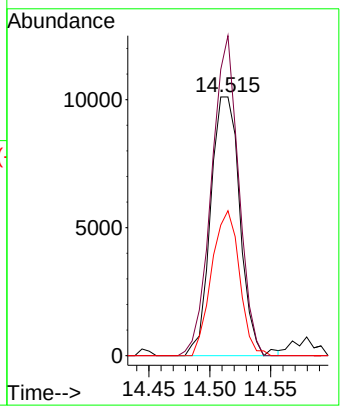




#52
Acenaphthene
Concen: 5.000 ng
RT: 14.515 min Scan# 19
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:154 Resp: 1681

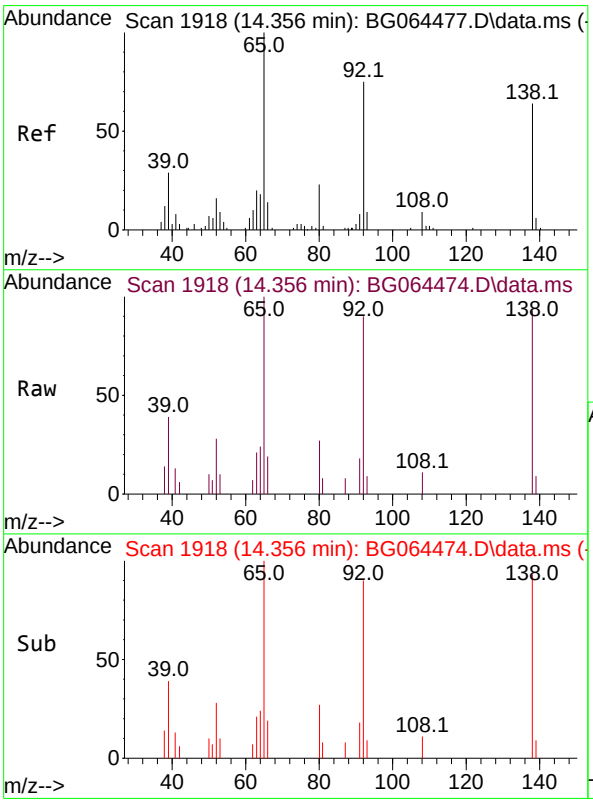
Ion	Ratio	Lower	Upper
154	100		
153	123.7	90.2	135.4
152	56.0	40.2	60.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

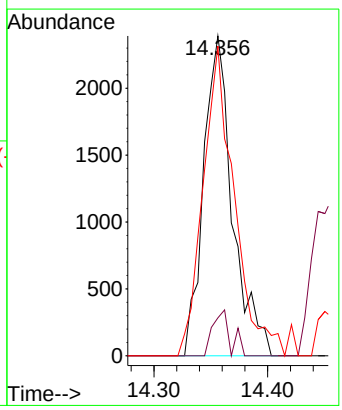
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

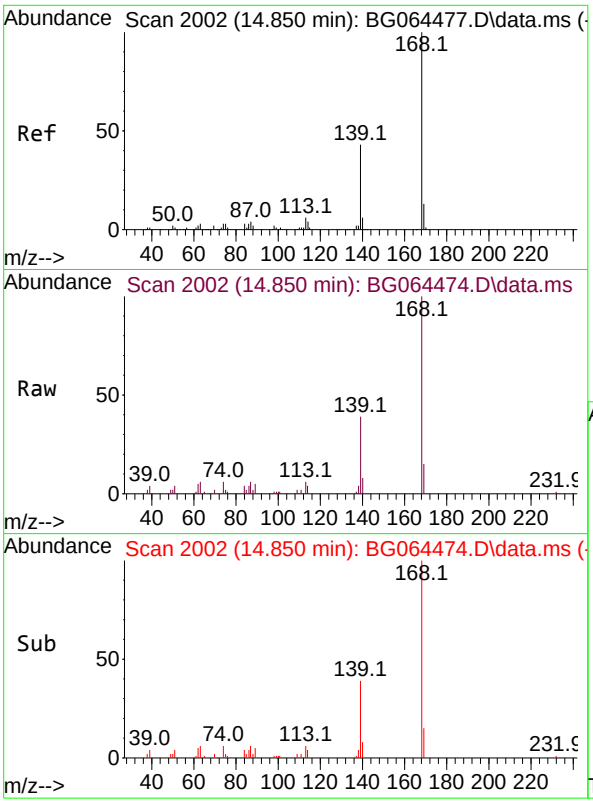


#53
3-Nitroaniline
Concen: 4.630 ng
RT: 14.356 min Scan# 1918
Delta R.T. 0.008 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:138 Resp: 4231

Ion	Ratio	Lower	Upper
138	100		
108	11.9	10.6	15.8
92	96.8	93.2	139.8

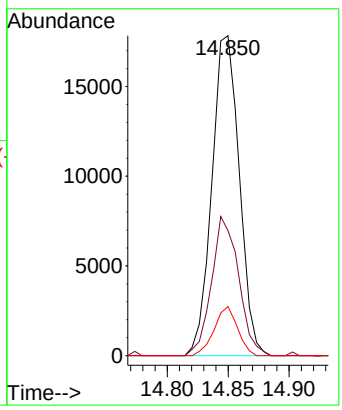




#55
Dibenzofuran
Concen: 5.022 ng
RT: 14.850 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:168 Resp: 2788

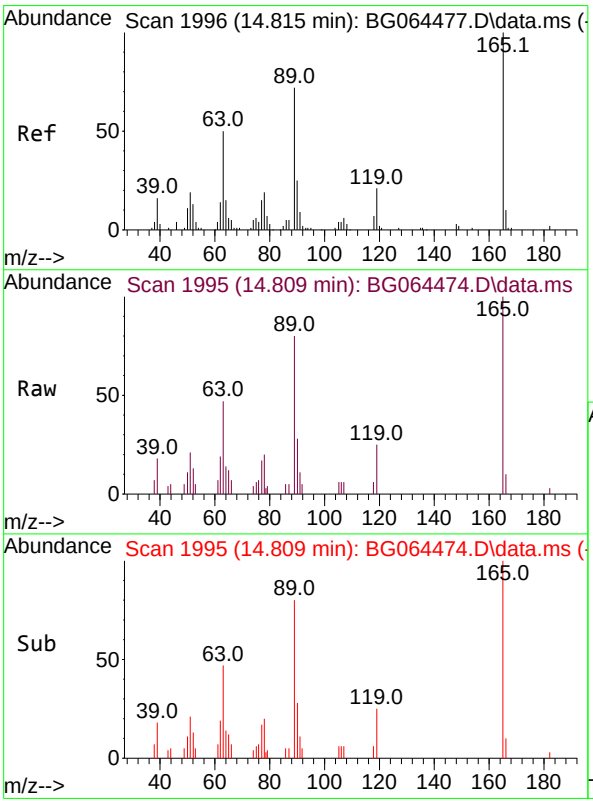
Ion	Ratio	Lower	Upper
168	100		
139	39.1	34.0	51.0
169	15.3	10.2	15.2#



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

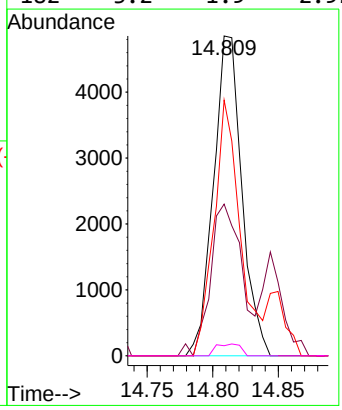
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

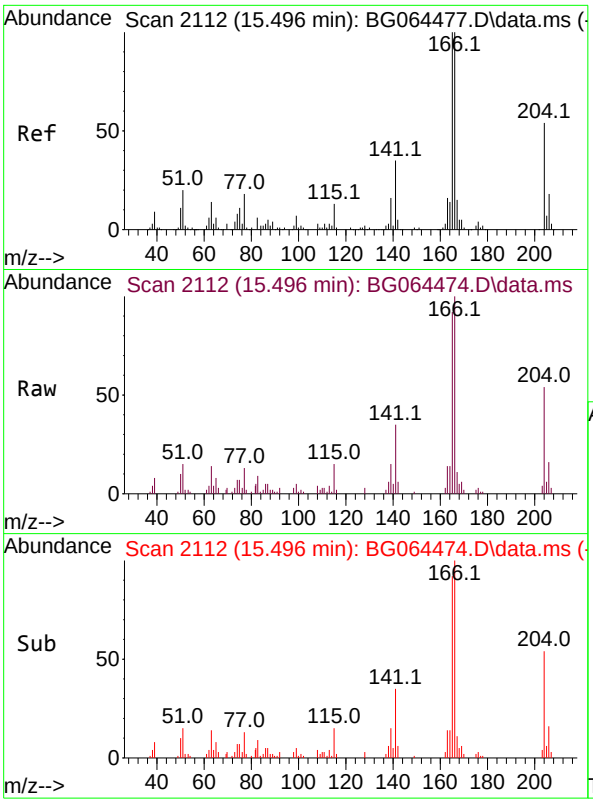


#57
2,4-Dinitrotoluene
Concen: 4.826 ng
RT: 14.809 min Scan# 1995
Delta R.T. -0.004 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:165 Resp: 7310

Ion	Ratio	Lower	Upper
165	100		
63	47.4	40.4	60.6
89	79.9	57.3	85.9
182	3.2	1.9	2.9#

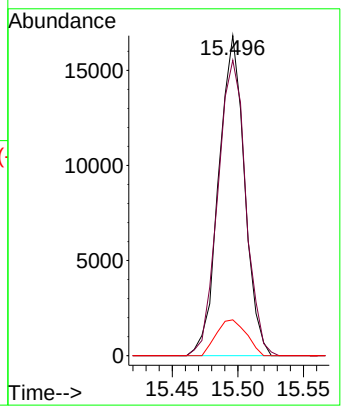




#58
Fluorene
Concen: 4.994 ng
RT: 15.496 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:166 Resp: 2305

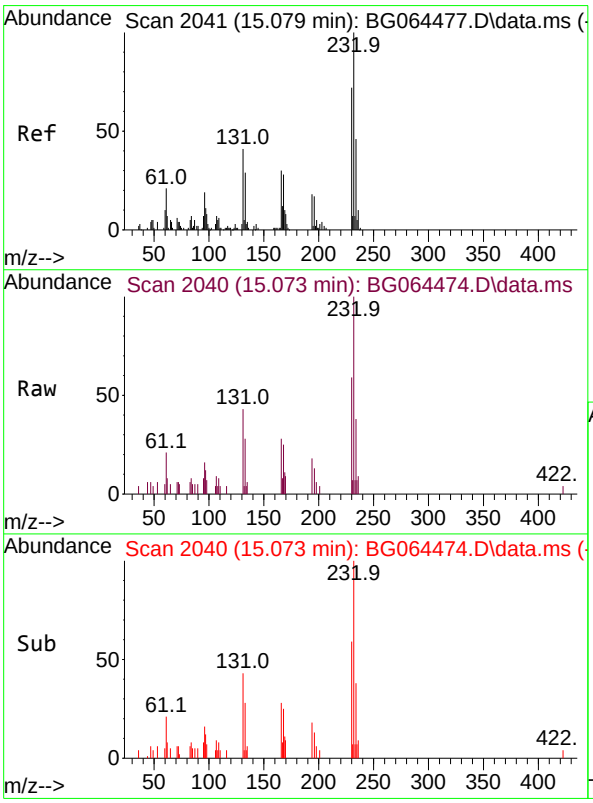
Ion	Ratio	Lower	Upper
166	100		
165	92.3	79.8	119.6
167	11.2	11.7	17.5#



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

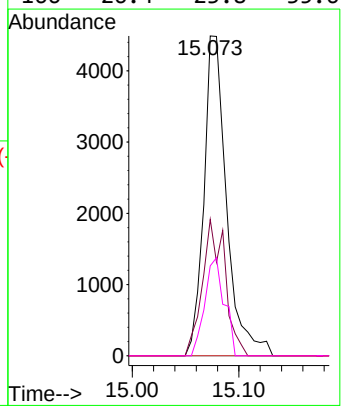
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

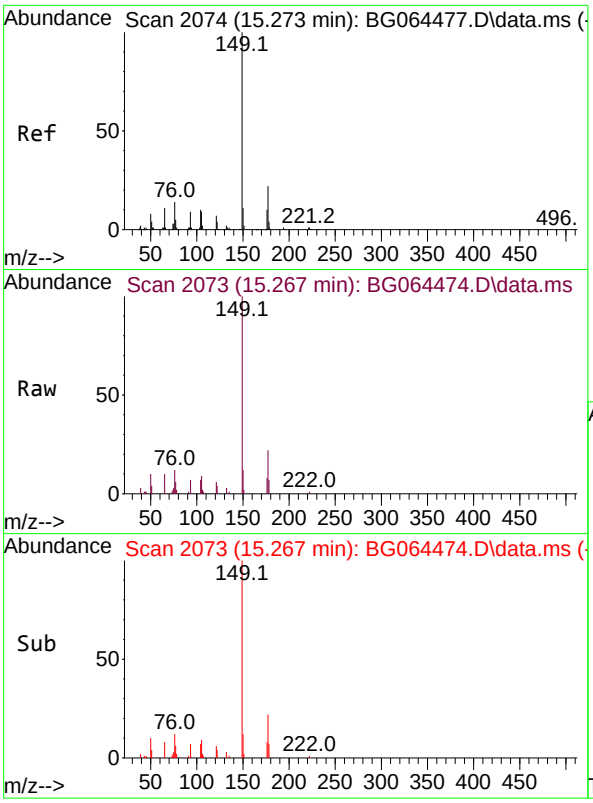


#59
2,3,4,6-Tetrachlorophenol
Concen: 4.658 ng
RT: 15.073 min Scan# 2040
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:232 Resp: 6653

Ion	Ratio	Lower	Upper
232	100		
131	42.3	35.0	52.4
130	0.0	2.0	3.0#
166	26.4	23.8	35.6

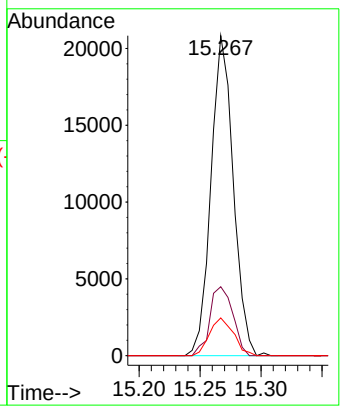




#60
Diethylphthalate
Concen: 5.198 ng
RT: 15.267 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:149 Resp: 2652

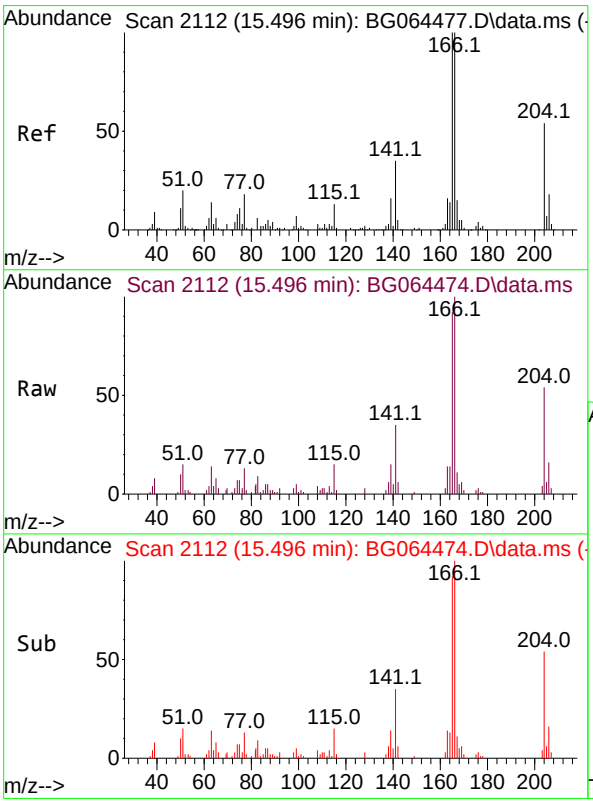
Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.4	26.0
150	11.8	9.1	13.7



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

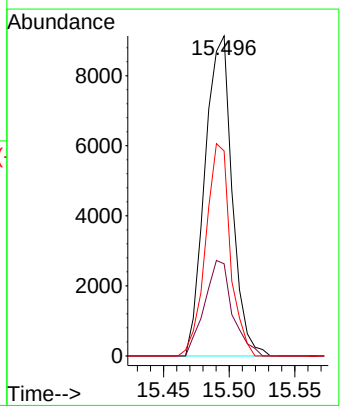
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

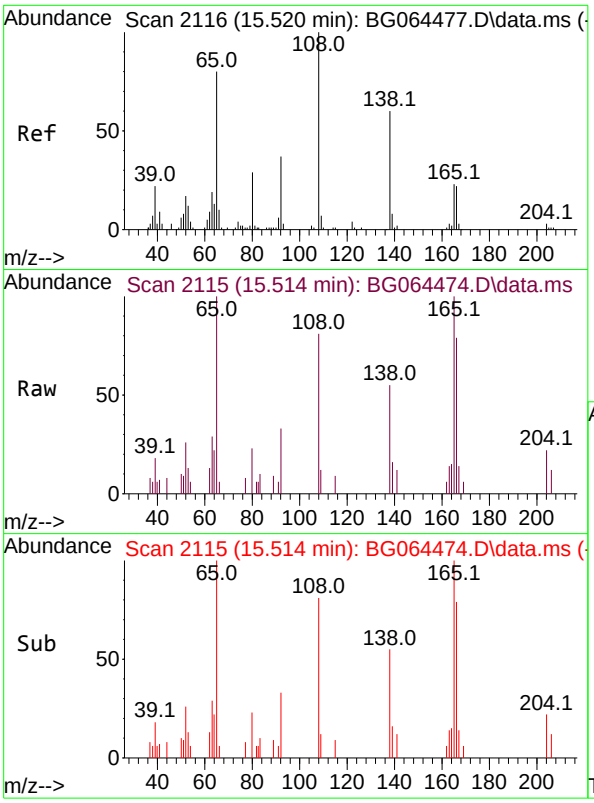


#61
4-Chlorophenyl-phenylether
Concen: 5.215 ng
RT: 15.496 min Scan# 2112
Delta R.T. 0.008 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:204 Resp: 13144

Ion	Ratio	Lower	Upper
204	100		
206	28.8	27.1	40.7
141	64.0	51.5	77.3





#62
4-Nitroaniline
Concen: 3.655 ng
RT: 15.514 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

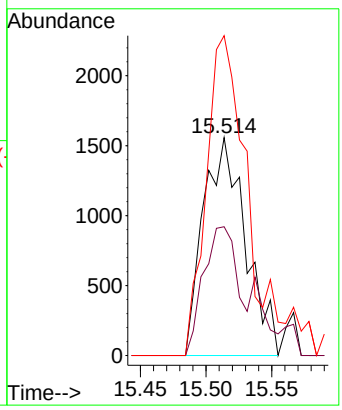
Tgt Ion:138 Resp: 348

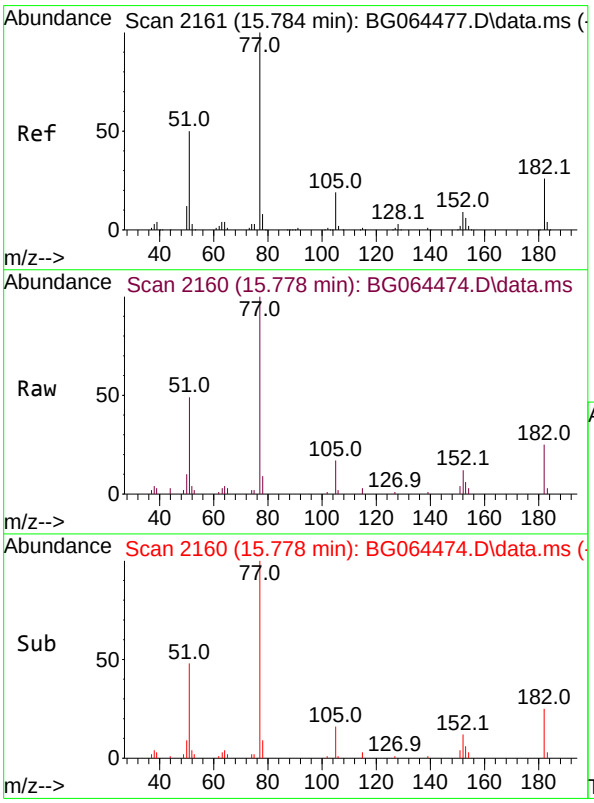
Ion	Ratio	Lower	Upper
138	100		
92	59.1	42.3	82.3
108	146.8	147.7	187.7#

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

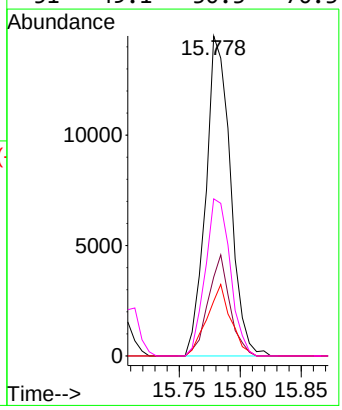


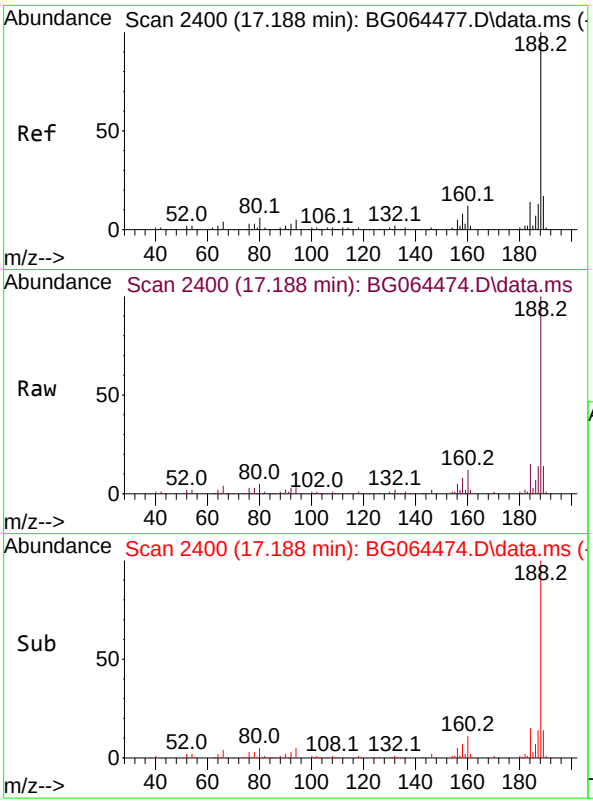


#63
Azobenzene
Concen: 5.144 ng
RT: 15.778 min Scan# 2160
Delta R.T. -0.004 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion: 77 Resp: 20327

Ion	Ratio	Lower	Upper
77	100		
182	24.6	6.3	46.3
105	17.1	0.0	38.7
51	49.1	30.3	70.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.188 min Scan# 24
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

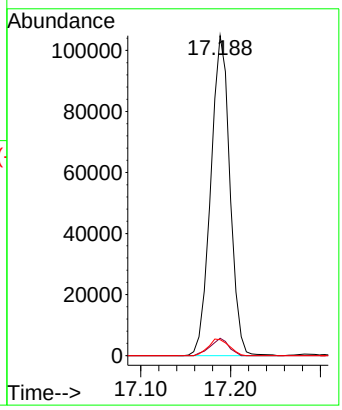
Tgt Ion:188 Resp: 15534

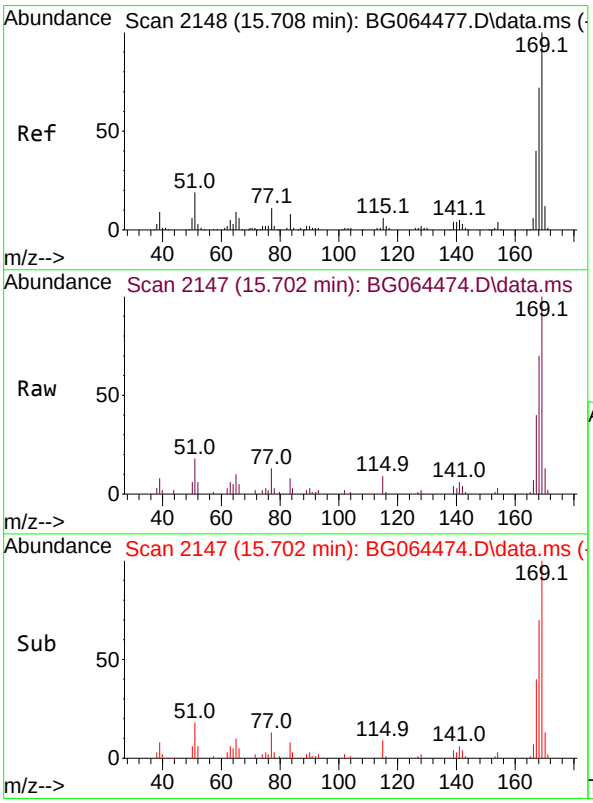
Ion	Ratio	Lower	Upper
188	100		
94	5.4	3.7	5.5
80	5.0	4.5	6.7

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

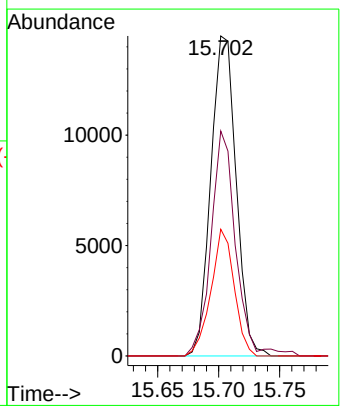


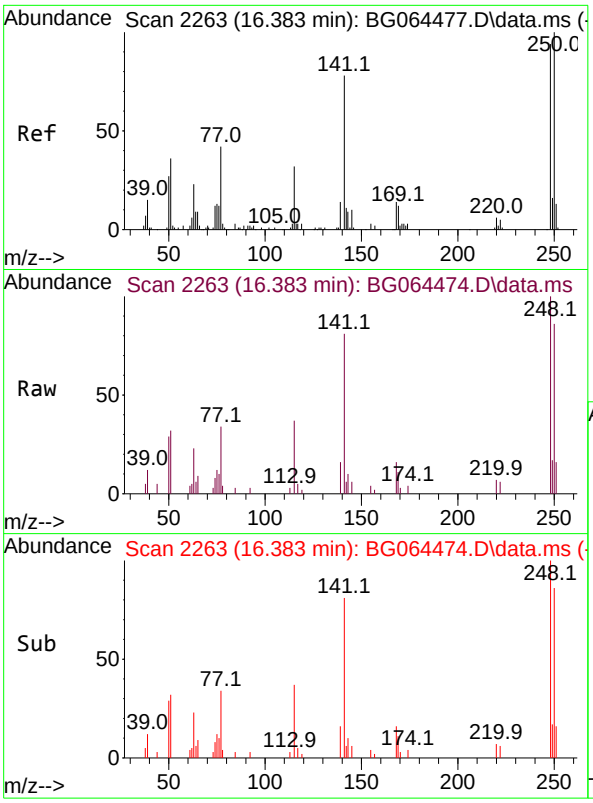


#66
n-Nitrosodiphenylamine
Concen: 5.053 ng
RT: 15.702 min Scan# 2147
Delta R.T. -0.004 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:169 Resp: 20960

Ion	Ratio	Lower	Upper
169	100		
168	70.3	57.8	86.6
167	39.6	31.7	47.5

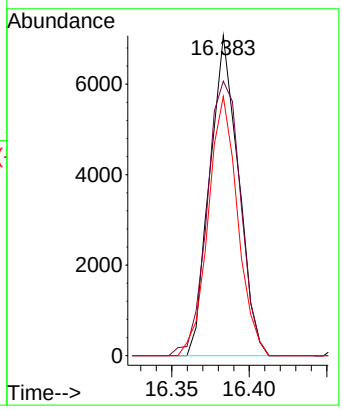




#67
4-Bromophenyl-phenylether
Concen: 5.002 ng
RT: 16.383 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:248 Resp: 9144

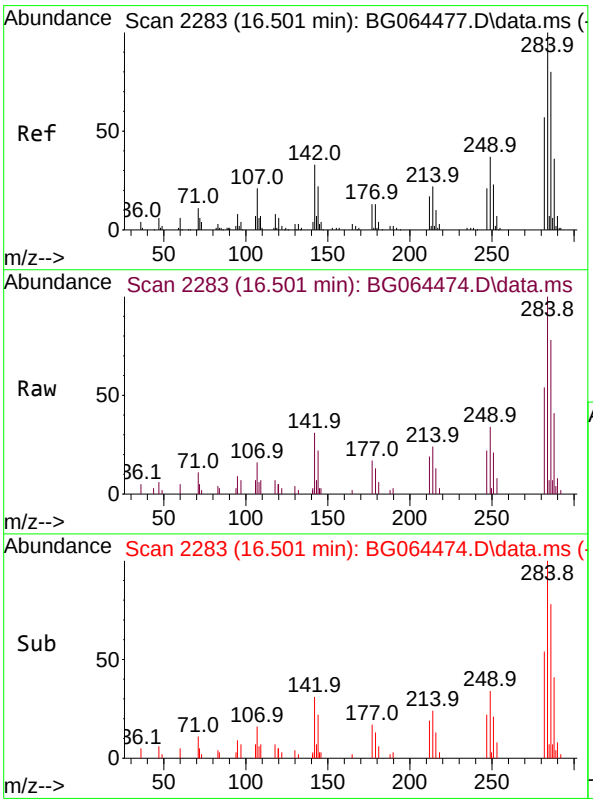
Ion	Ratio	Lower	Upper
248	100		
250	85.8	85.3	127.9
141	81.0	66.2	99.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

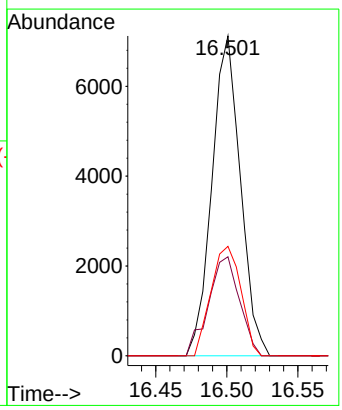
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

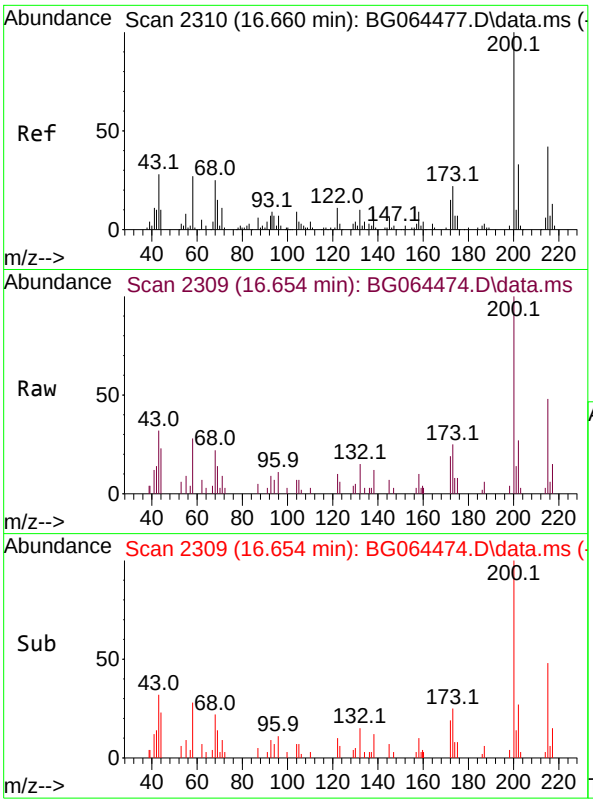


#68
Hexachlorobenzene
Concen: 4.747 ng
RT: 16.501 min Scan# 2283
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:284 Resp: 9929

Ion	Ratio	Lower	Upper
284	100		
142	31.0	26.2	39.2
249	36.8	29.4	44.0

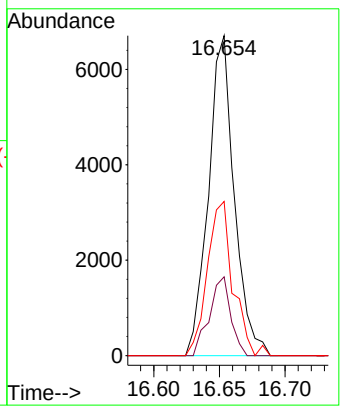




#69
Atrazine
Concen: 4.979 ng
RT: 16.654 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:200 Resp: 9189

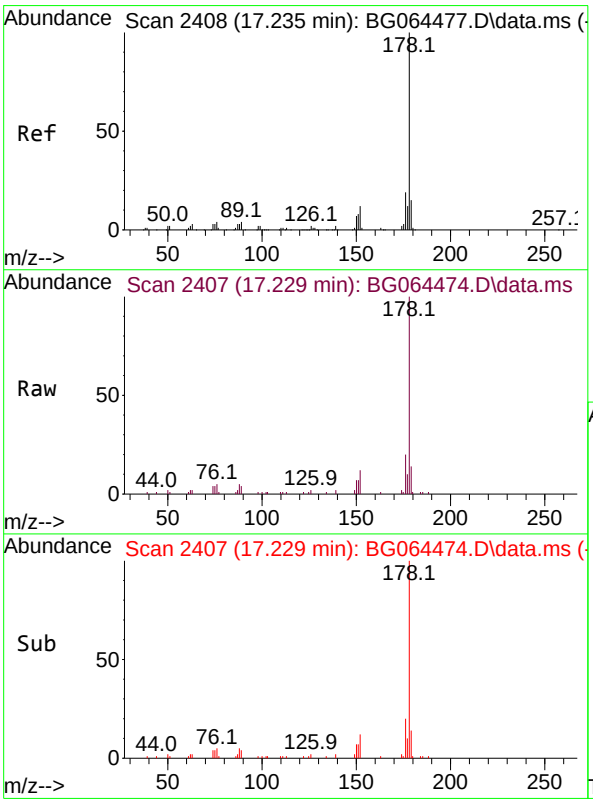
Ion	Ratio	Lower	Upper
200	100		
173	24.6	2.5	42.5
215	48.2	21.5	61.5



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

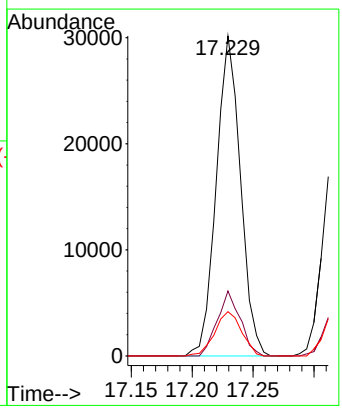
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

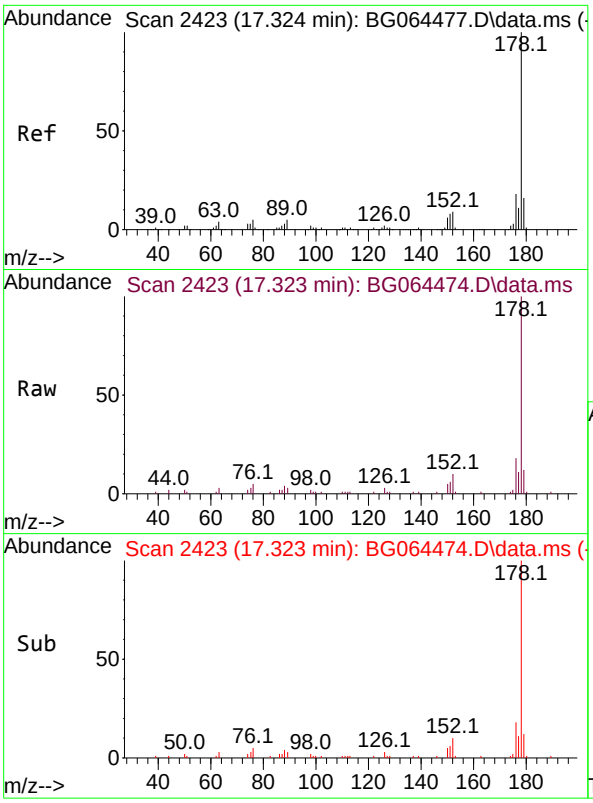


#71
Phenanthrene
Concen: 5.126 ng
RT: 17.229 min Scan# 2407
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:178 Resp: 41639

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.2	22.8
179	13.8	11.8	17.6

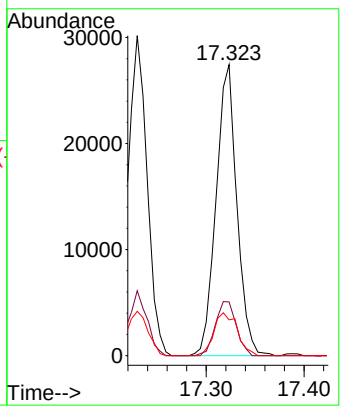




#72
Anthracene
Concen: 4.978 ng m
RT: 17.323 min Scan# 24
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:178 Resp: 4056

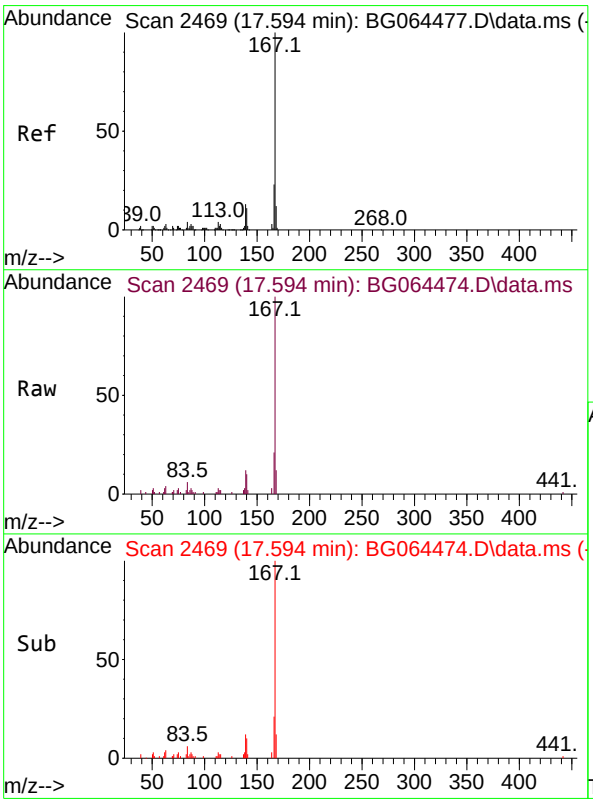
Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	21.8
179	12.3	12.5	18.7



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

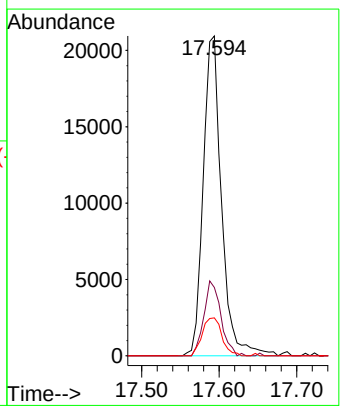
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

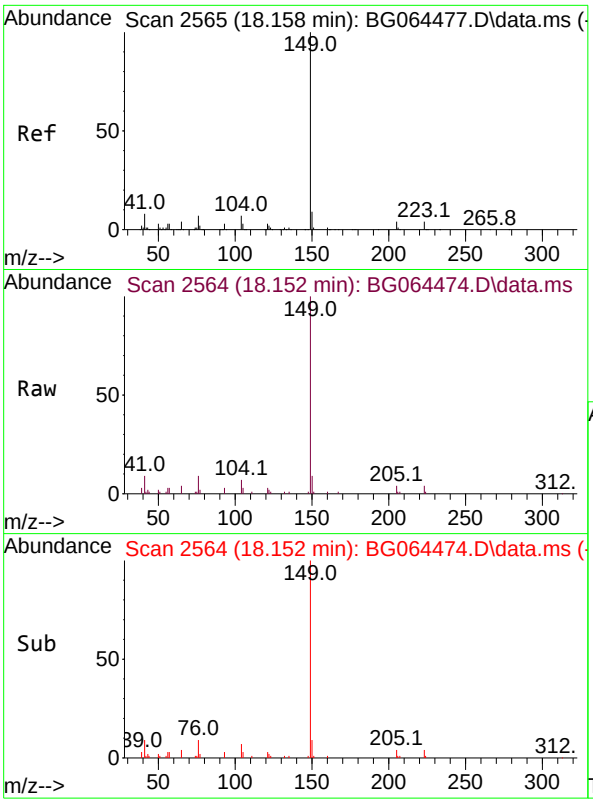


#73
Carbazole
Concen: 4.870 ng
RT: 17.594 min Scan# 2469
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:167 Resp: 34305

Ion	Ratio	Lower	Upper
167	100		
166	21.4	18.6	27.8
139	11.9	10.2	15.4

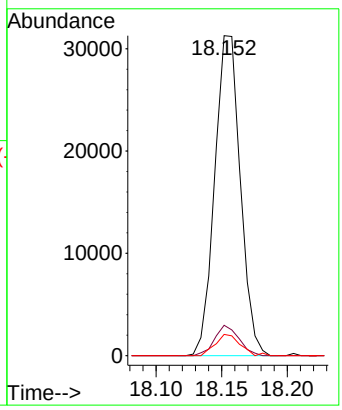




#74
Di-n-butylphthalate
Concen: 4.950 ng
RT: 18.152 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:149 Resp: 4256

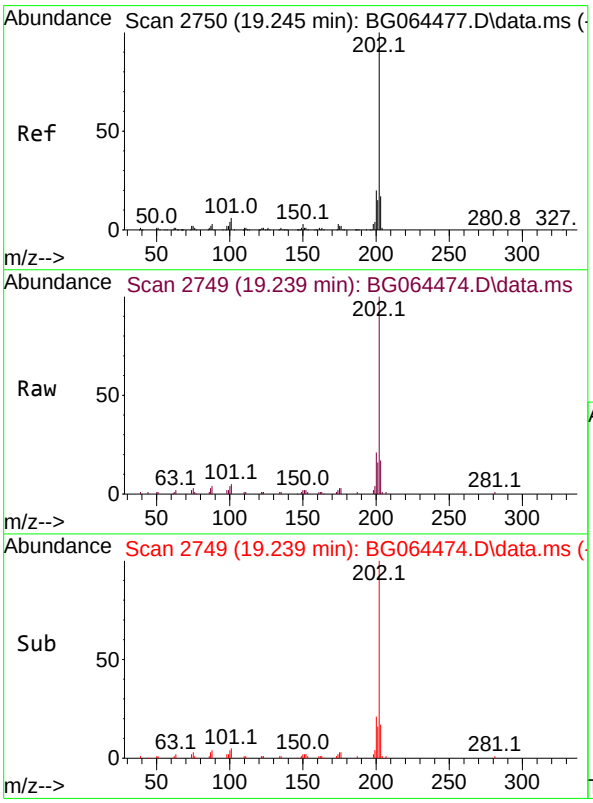
Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.4	11.2
104	6.6	5.3	7.9



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

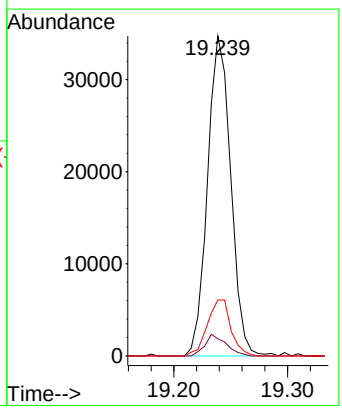
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

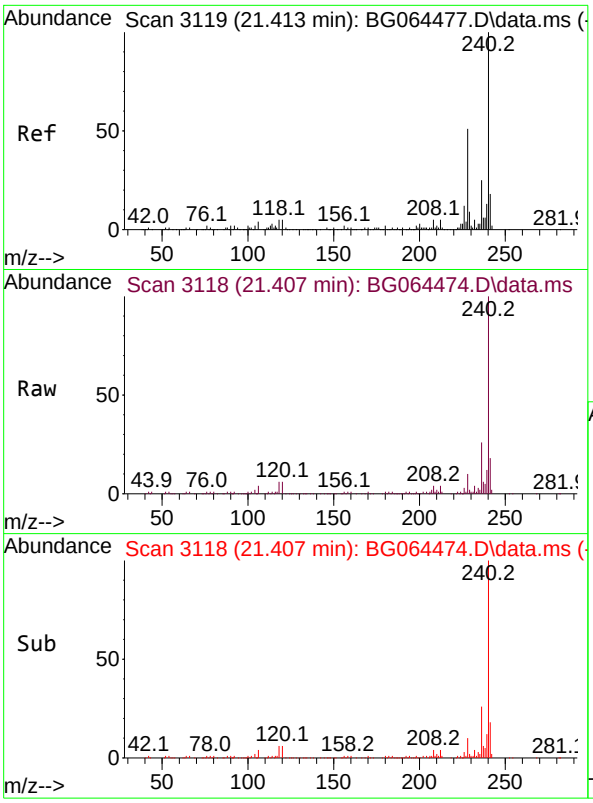


#75
Fluoranthene
Concen: 5.080 ng
RT: 19.239 min Scan# 2749
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:202 Resp: 49301

Ion	Ratio	Lower	Upper
202	100		
101	5.3	0.0	25.7
203	17.5	0.0	36.6

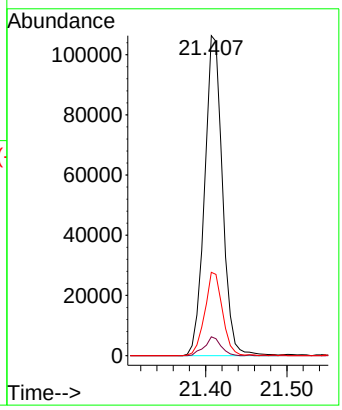




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.407 min Scan# 3
Delta R.T. -0.003 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:240 Resp: 16268

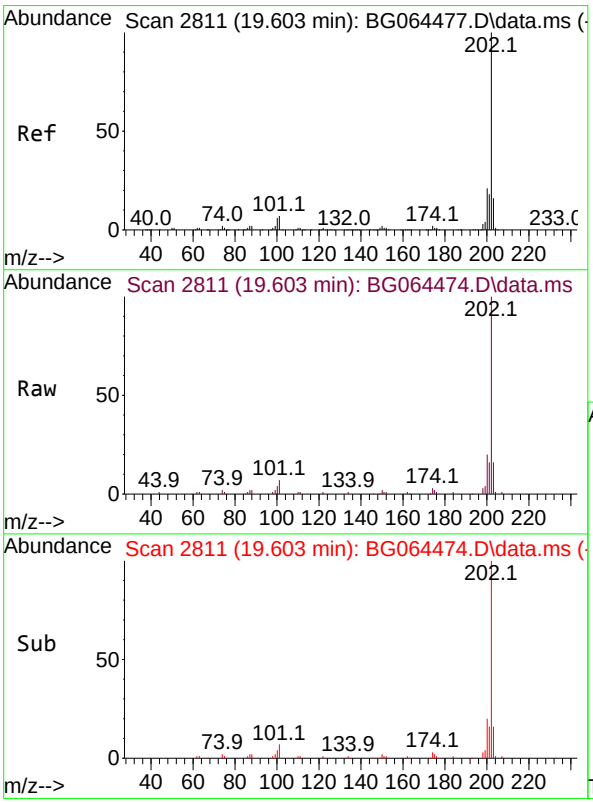
Ion	Ratio	Lower	Upper
240	100		
120	5.9	4.3	6.5
236	26.0	20.4	30.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

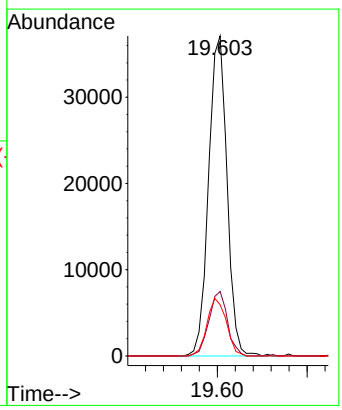
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

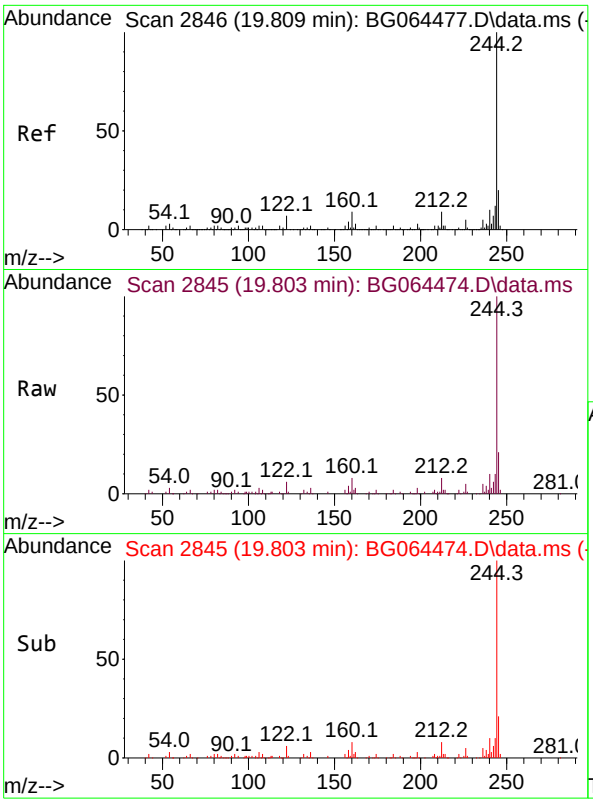


#78
Pyrene
Concen: 4.989 ng
RT: 19.603 min Scan# 2811
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:202 Resp: 52677

Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.0	25.4
203	16.0	13.0	19.4

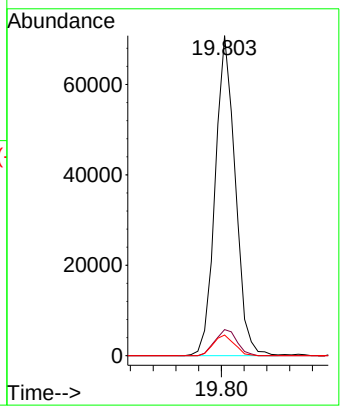




#79
Terphenyl-d14
Concen: 10.093 ng
RT: 19.803 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:244 Resp: 8676

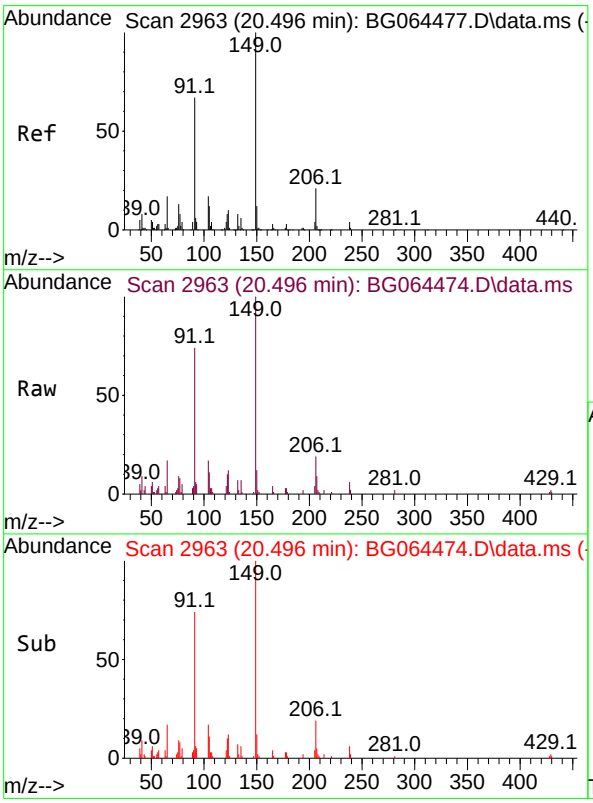
Ion	Ratio	Lower	Upper
244	100		
212	8.1	7.0	10.6
122	6.4	5.6	8.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

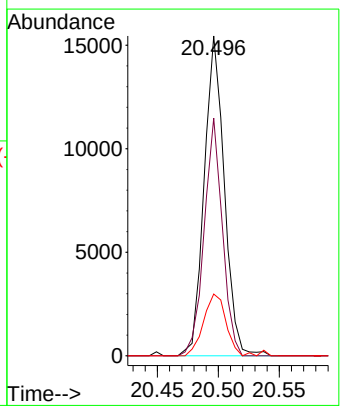
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

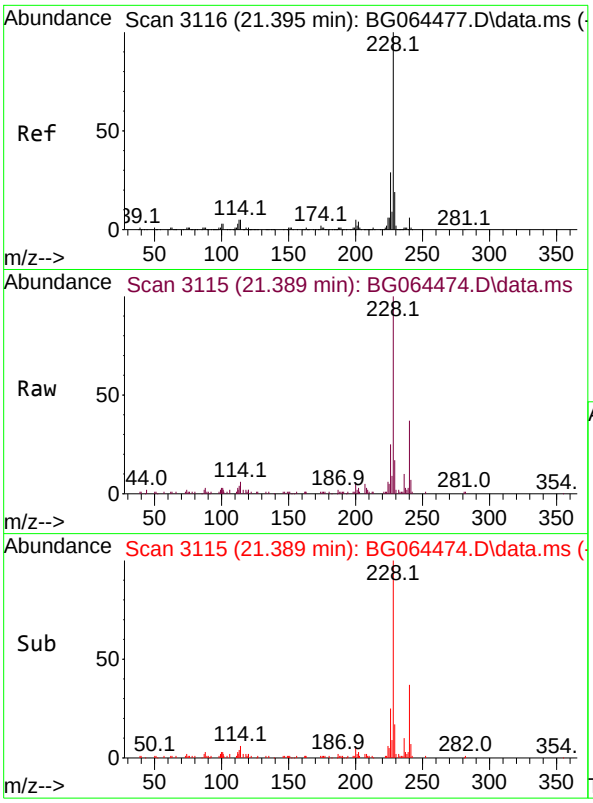


#80
Butylbenzylphthalate
Concen: 4.749 ng
RT: 20.496 min Scan# 2963
Delta R.T. -0.004 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:149 Resp: 17773

Ion	Ratio	Lower	Upper
149	100		
91	74.3	53.7	80.5
206	19.3	16.6	24.8

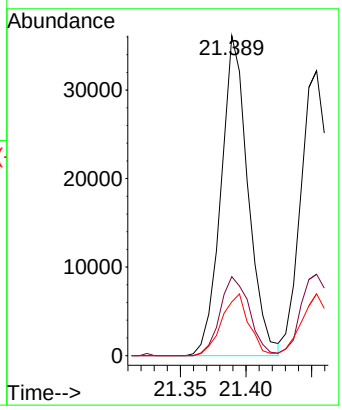




#81
Benzo(a)anthracene
Concen: 5.012 ng
RT: 21.389 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:228 Resp: 5206

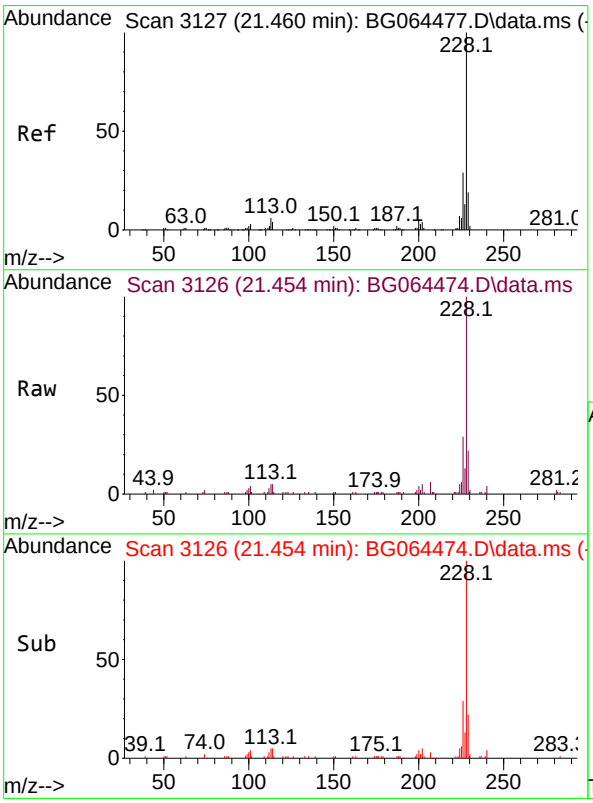
Ion	Ratio	Lower	Upper
228	100		
226	24.7	22.8	34.2
229	16.8	15.2	22.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

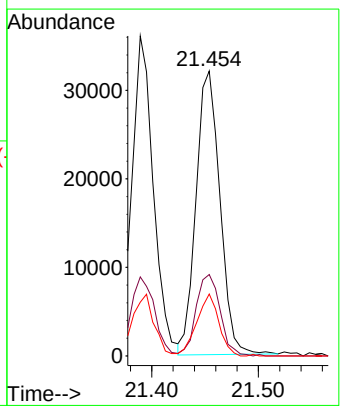
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

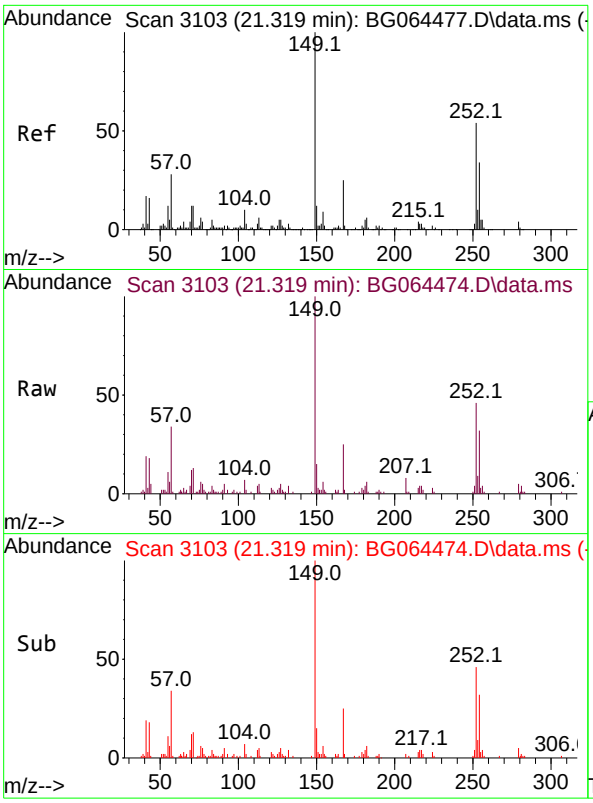


#83
Chrysene
Concen: 5.060 ng
RT: 21.454 min Scan# 3126
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:228 Resp: 49843

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.8	34.2
229	21.7	15.4	23.0





#84
Bis(2-ethylhexyl)phthalate
Concen: 4.662 ng
RT: 21.319 min Scan# 31
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

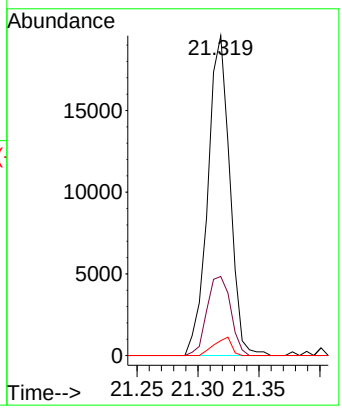
Tgt Ion:149 Resp: 2461

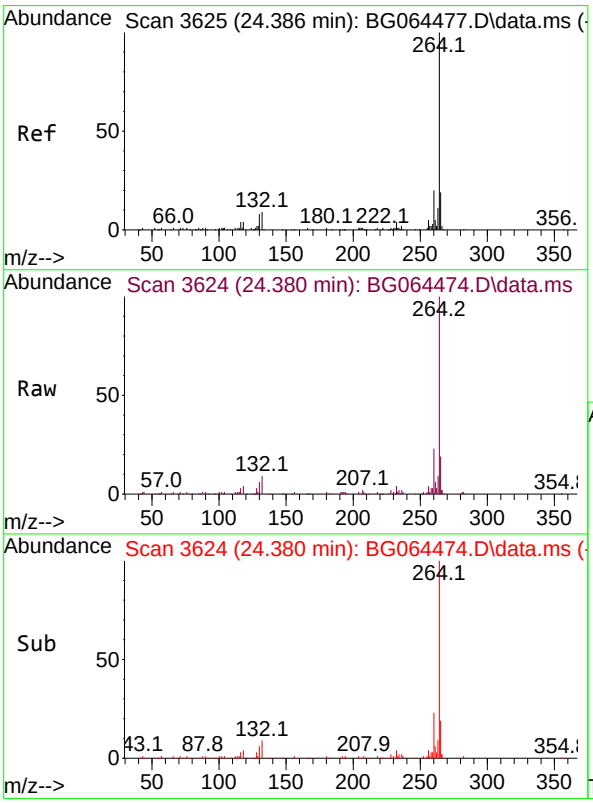
Ion	Ratio	Lower	Upper
149	100		
167	24.7	19.7	29.5
279	4.7	3.4	5.2

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

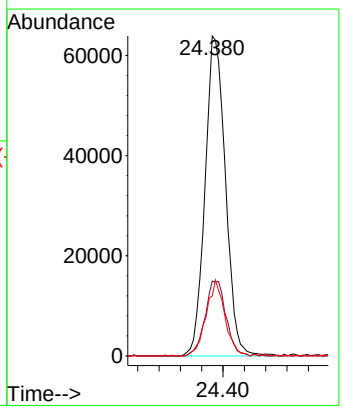


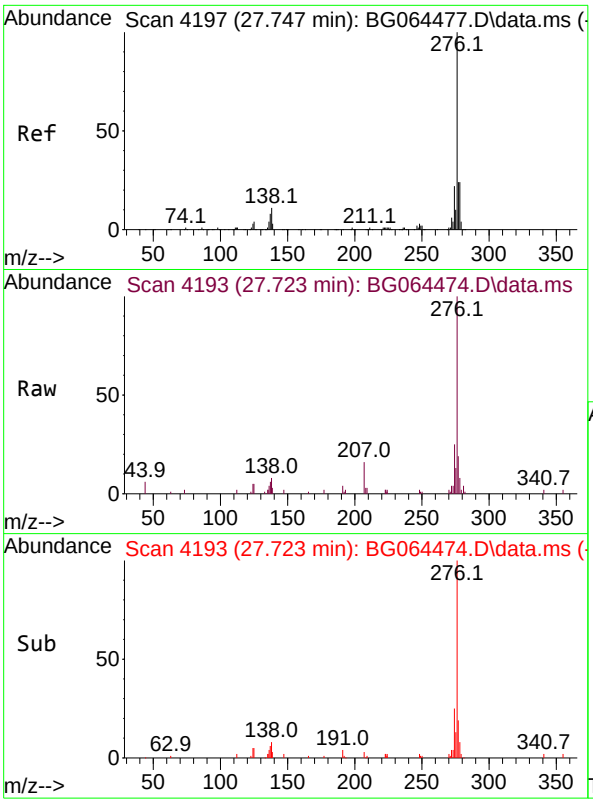


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.380 min Scan# 3624
Delta R.T. -0.009 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:264 Resp: 169977

Ion	Ratio	Lower	Upper
264	100		
260	23.4	16.2	24.4
265	18.8	15.0	22.4

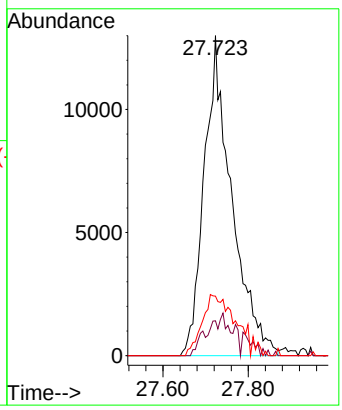




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.912 ng
RT: 27.723 min Scan# 41
Delta R.T. -0.009 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:276 Resp: 5811

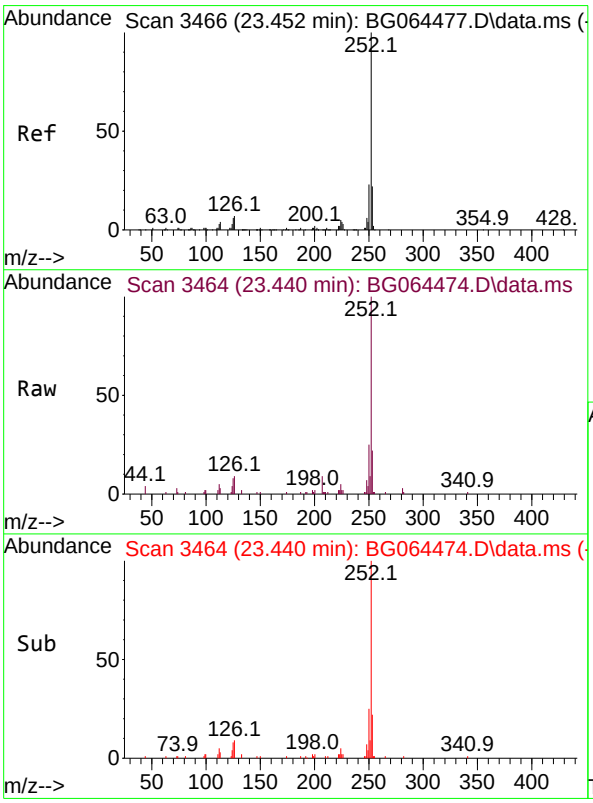
Ion	Ratio	Lower	Upper
276	100		
138	3.5	10.8	16.2#
277	23.6	20.3	30.5



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

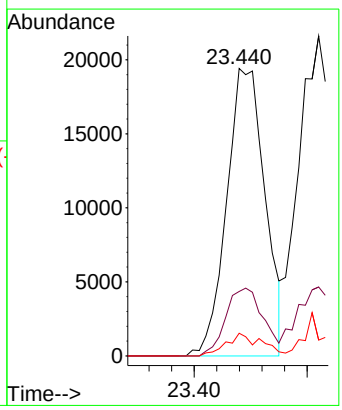
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

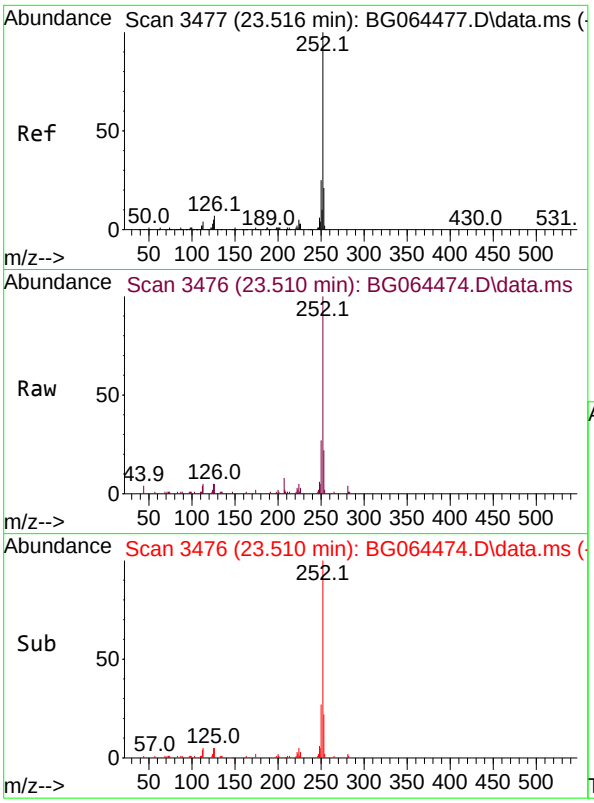


#88
Benzo(b)fluoranthene
Concen: 4.734 ng m
RT: 23.440 min Scan# 3464
Delta R.T. -0.009 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:252 Resp: 45779

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	7.9	4.5	6.7#

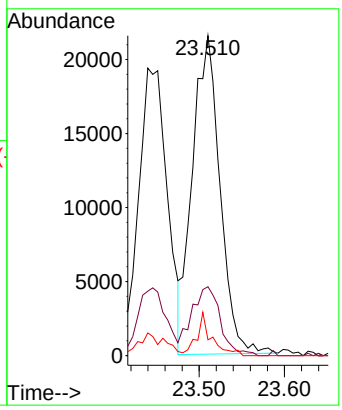




#89
Benzo(k)fluoranthene
Concen: 4.970 ng
RT: 23.510 min Scan# 34
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:252 Resp: 4840

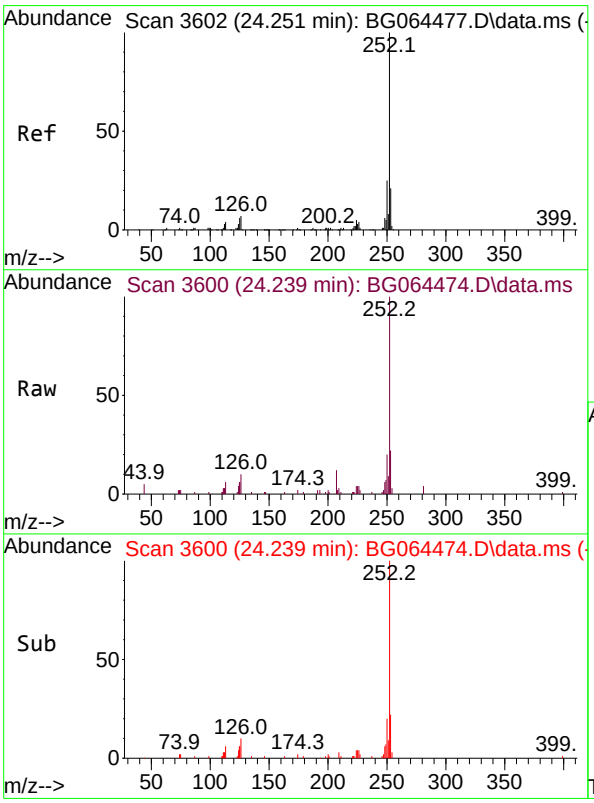
Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.2
125	4.9	4.0	6.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

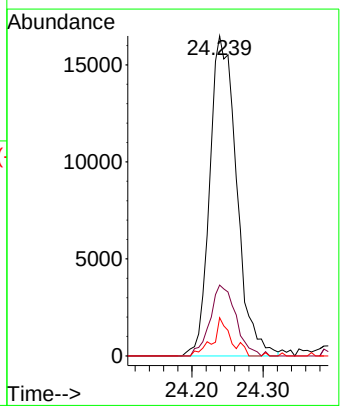
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

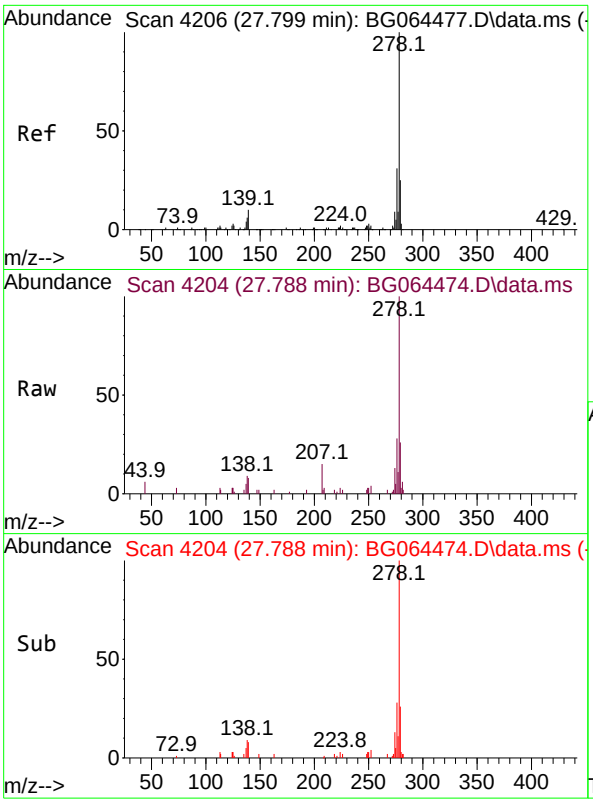


#90
Benzo(a)pyrene
Concen: 4.849 ng
RT: 24.239 min Scan# 3600
Delta R.T. -0.009 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:252 Resp: 43216

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	11.9	4.6	6.8#

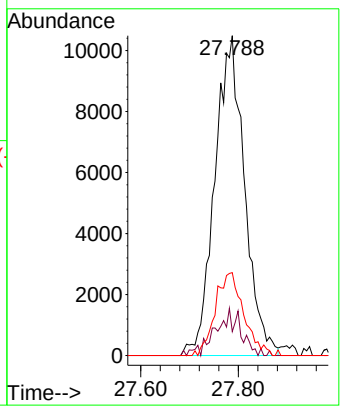




#91
Dibenzo(a,h)anthracene
Concen: 4.703 ng
RT: 27.788 min Scan# 4
Delta R.T. 0.008 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:278 Resp: 4449

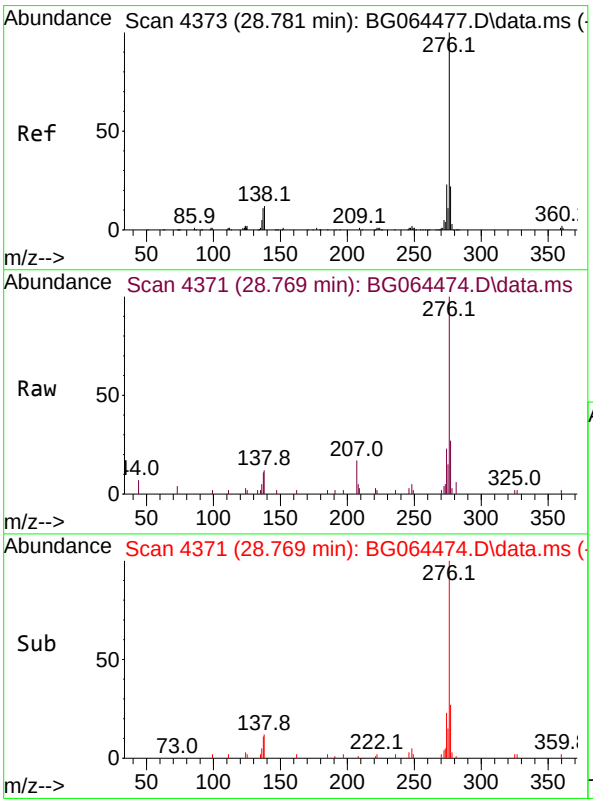
Ion	Ratio	Lower	Upper
278	100		
139	7.5	8.2	12.2#
279	25.9	19.6	29.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

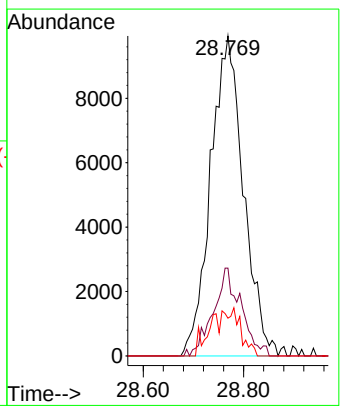
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#92
Benzo(g,h,i)perylene
Concen: 4.896 ng
RT: 28.769 min Scan# 4371
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:276 Resp: 45019

Ion	Ratio	Lower	Upper
276	100		
277	27.4	17.8	26.6#
138	11.8	9.4	14.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
Data File : BG064476.D
Acq On : 2 Oct 2025 11:33
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Oct 02 16:52:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.829	152	19357	20.000	ng		# 0.00
21) Naphthalene-d8	10.608	136	83888	20.000	ng		# 0.00
39) Acenaphthene-d10	14.451	164	65289	20.000	ng		0.00
64) Phenanthrene-d10	17.189	188	165571	20.000	ng		0.00
76) Chrysene-d12	21.413	240	165934	20.000	ng		0.00
86) Perylene-d12	24.392	264	174482	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	40783	38.992	ng		0.00
7) Phenol-d6	6.995	99	55968	39.819	ng		0.00
23) Nitrobenzene-d5	8.975	82	63357	40.610	ng		0.00
42) 2,4,6-Tribromophenol	15.937	330	47936	40.505	ng		0.00
45) 2-Fluorobiphenyl	13.070	172	175754	39.679	ng		0.00
79) Terphenyl-d14	19.803	244	354811	40.467	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	8654	20.918	ng		88
3) Pyridine	3.716	79	22205	19.971	ng		94
4) n-Nitrosodimethylamine	3.634	42	15299	18.981	ng	#	92
6) Aniline	7.147	93	35362	19.945	ng		95
8) 2-Chlorophenol	7.388	128	25393	19.771	ng		94
9) Benzaldehyde	6.959	77	20107m	16.115	ng		
10) Phenol	7.018	94	29612	19.971	ng		96
11) bis(2-Chloroethyl)ether	7.247	93	19393	19.313	ng		87
12) 1,3-Dichlorobenzene	7.711	146	27013	19.226	ng		92
13) 1,4-Dichlorobenzene	7.858	146	28112	19.936	ng		90
14) 1,2-Dichlorobenzene	8.170	146	27767	19.980	ng		96
15) Benzyl Alcohol	8.058	79	25165	19.441	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.340	45	32082	19.821	ng		99
17) 2-Methylphenol	8.264	107	21032	19.589	ng		91
18) Hexachloroethane	8.904	117	10342	18.581	ng		93
19) n-Nitroso-di-n-propyla...	8.622	70	19471	20.713	ng		93
20) 3+4-Methylphenols	8.593	107	29225	19.505	ng		94
22) Acetophenone	8.640	105	39987	19.687	ng	#	91
24) Nitrobenzene	9.016	77	29530	18.981	ng		96
25) Isophorone	9.539	82	56538	20.004	ng		98
26) 2-Nitrophenol	9.727	139	15208	19.641	ng		86
27) 2,4-Dimethylphenol	9.786	122	23391	19.778	ng		91
28) bis(2-Chloroethoxy)met...	10.021	93	30279	21.017	ng	#	92
29) 2,4-Dichlorophenol	10.261	162	26929	19.691	ng		97
30) 1,2,4-Trichlorobenzene	10.473	180	30204	20.255	ng		99
31) Naphthalene	10.661	128	84975	19.671	ng		98
32) Benzoic acid	9.909	122	16621m	18.305	ng		
33) 4-Chloroaniline	10.773	127	31287	18.874	ng		95
34) Hexachlorobutadiene	10.949	225	25803	20.205	ng		92
35) Caprolactam	11.525	113	10044	21.453	ng	#	83
36) 4-Chloro-3-methylphenol	11.895	107	32921	19.795	ng	#	89
37) 2-Methylnaphthalene	12.271	142	66302	19.995	ng		92
38) 1-Methylnaphthalene	12.488	142	65599m	19.840	ng		
40) 1,2,4,5-Tetrachloroben...	12.641	216	40584	19.252	ng		98
41) Hexachlorocyclopentadiene	12.623	237	19309	17.510	ng		90
43) 2,4,6-Trichlorophenol	12.876	196	25830	19.167	ng		95

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
Data File : BG064476.D
Acq On : 2 Oct 2025 11:33
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 02 16:52:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.958	196	28101	18.678	ng		89
46) 1,1'-Biphenyl	13.281	154	92485	19.695	ng		99
47) 2-Chloronaphthalene	13.323	162	68272	19.473	ng		98
48) 2-Nitroaniline	13.522	65	24212	20.234	ng		91
49) Acenaphthylene	14.169	152	102668	19.727	ng		98
50) Dimethylphthalate	13.904	163	103311	20.204	ng		96
51) 2,6-Dinitrotoluene	14.022	165	21899	20.559	ng		93
52) Acenaphthene	14.515	154	70884	19.604	ng		100
53) 3-Nitroaniline	14.351	138	19604	19.956	ng		94
54) 2,4-Dinitrophenol	14.562	184	17644	22.843	ng	#	77
55) Dibenzofuran	14.850	168	117496	19.680	ng		100
56) 4-Nitrophenol	14.668	139	14837	19.183	ng		90
57) 2,4-Dinitrotoluene	14.809	165	31862	19.567	ng		97
58) Fluorene	15.496	166	100209	20.190	ng	#	97
59) 2,3,4,6-Tetrachlorophenol	15.079	232	31023	20.205	ng	#	97
60) Diethylphthalate	15.273	149	109604	19.981	ng		97
61) 4-Chlorophenyl-phenyle...	15.491	204	54751	20.205	ng		92
62) 4-Nitroaniline	15.508	138	21595	21.091	ng	#	88
63) Azobenzene	15.784	77	86539	20.370	ng		96
65) 4,6-Dinitro-2-methylph...	15.579	198	22989	19.942	ng		92
66) n-Nitrosodiphenylamine	15.708	169	88367	19.986	ng		94
67) 4-Bromophenyl-phenylether	16.384	248	37623	19.310	ng		94
68) Hexachlorobenzene	16.501	284	45002	20.185	ng		99
69) Atrazine	16.654	200	40855	20.769	ng		98
70) Pentachlorophenol	16.842	266	24237	18.593	ng		93
71) Phenanthrene	17.230	178	174598	20.165	ng		98
72) Anthracene	17.324	178	172893	19.904	ng		97
73) Carbazole	17.588	167	149710	19.939	ng		97
74) Di-n-butylphthalate	18.158	149	182903	19.955	ng		99
75) Fluoranthene	19.239	202	210637	20.363	ng		98
77) Benzidine	19.421	184	70399	17.050	ng		99
78) Pyrene	19.603	202	218448	20.286	ng		97
80) Butylbenzylphthalate	20.496	149	77010	20.174	ng		96
81) Benzo(a)anthracene	21.395	228	213165	20.119	ng		98
82) 3,3'-Dichlorobenzidine	21.319	252	71567	19.958	ng		99
83) Chrysene	21.454	228	198263	19.732	ng		96
84) Bis(2-ethylhexyl)phtha...	21.319	149	106271	19.731	ng		98
85) Di-n-octyl phthalate	22.441	149	174229	19.247	ng		99
87) Indeno(1,2,3-cd)pyrene	27.735	276	240423	19.796	ng		99
88) Benzo(b)fluoranthene	23.446	252	204393	20.591	ng		98
89) Benzo(k)fluoranthene	23.511	252	199853	19.991	ng		98
90) Benzo(a)pyrene	24.245	252	184712	20.191	ng		98
91) Dibenzo(a,h)anthracene	27.782	278	195555	20.134	ng	#	96
92) Benzo(g,h,i)perylene	28.769	276	189789	20.108	ng	#	95

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

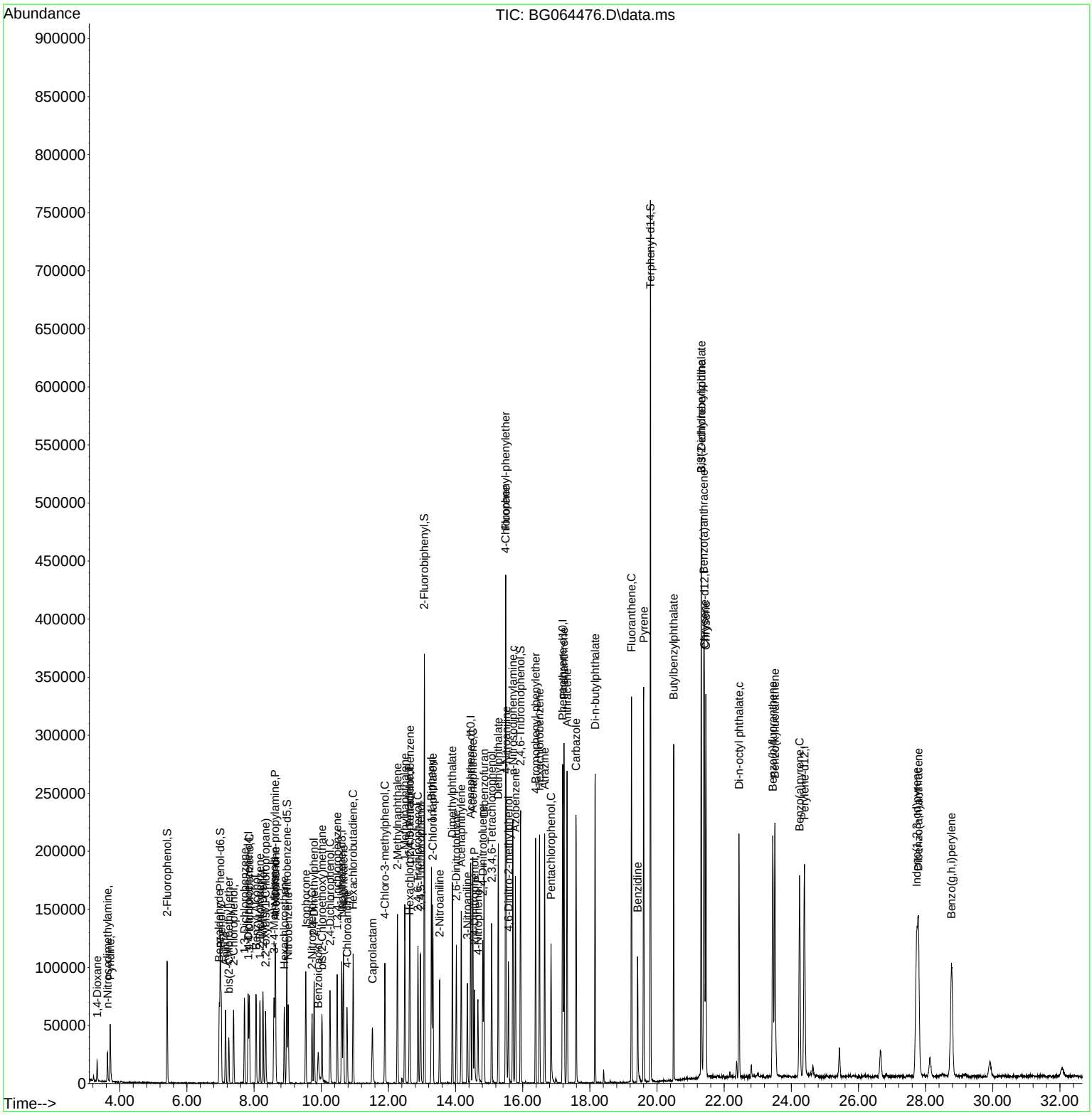
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Data File : BG064476.D
Acq On : 2 Oct 2025 11:33
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

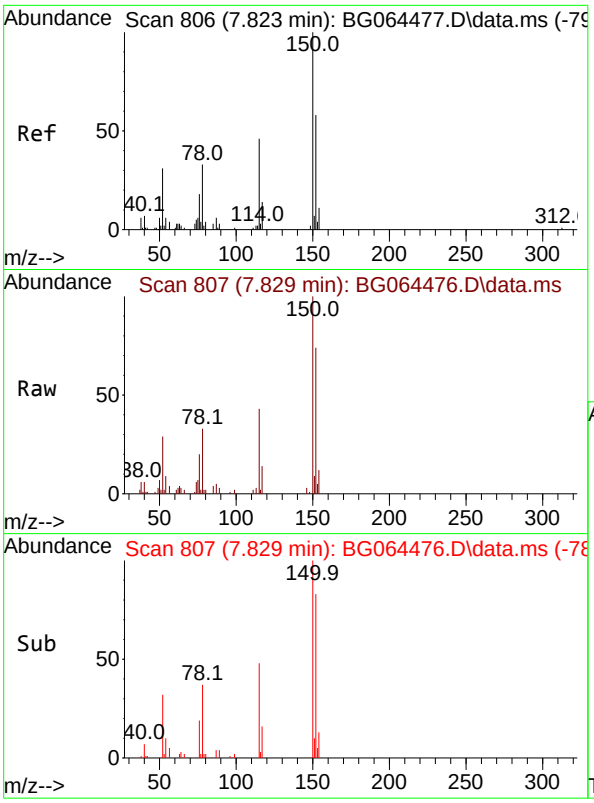
Quant Time: Oct 02 16:52:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

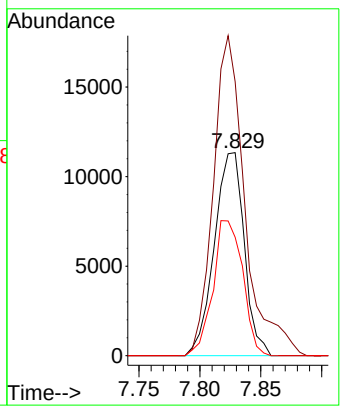




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.829 min Scan# 8(
Delta R.T. 0.009 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:152 Resp: 1935

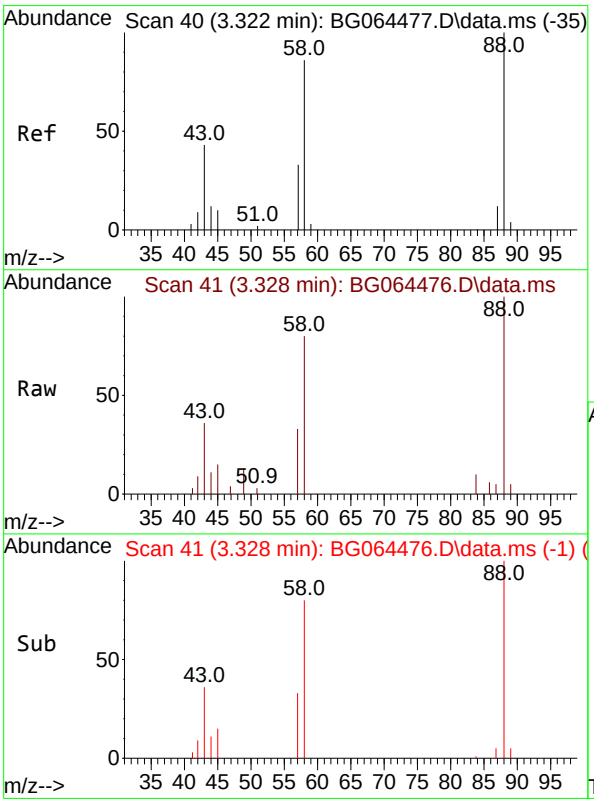
Ion	Ratio	Lower	Upper
152	100		
150	134.9	138.6	207.8#
115	58.4	63.4	95.2#



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

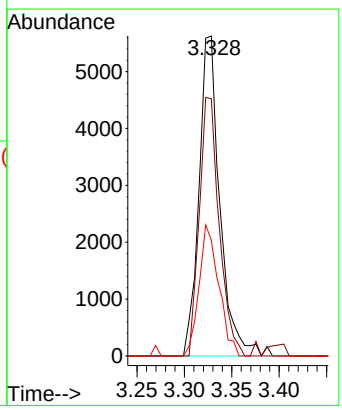
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

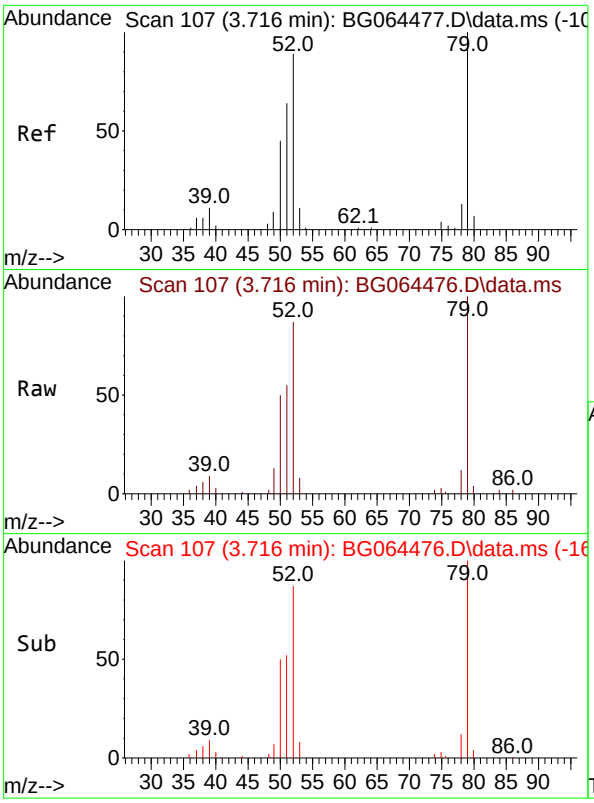


#2
1,4-Dioxane
Concen: 20.918 ng
RT: 3.328 min Scan# 41
Delta R.T. 0.009 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion: 88 Resp: 8654

Ion	Ratio	Lower	Upper
88	100		
58	76.5	69.8	104.6
43	38.5	37.4	56.0

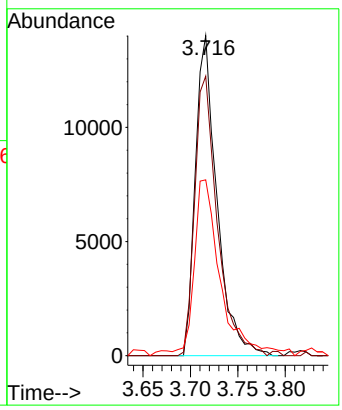




#3
Pyridine
Concen: 19.971 ng
RT: 3.716 min Scan# 1(
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion: 79 Resp: 2220

Ion	Ratio	Lower	Upper
79	100		
52	87.3	71.0	106.4
51	54.9	51.0	76.6

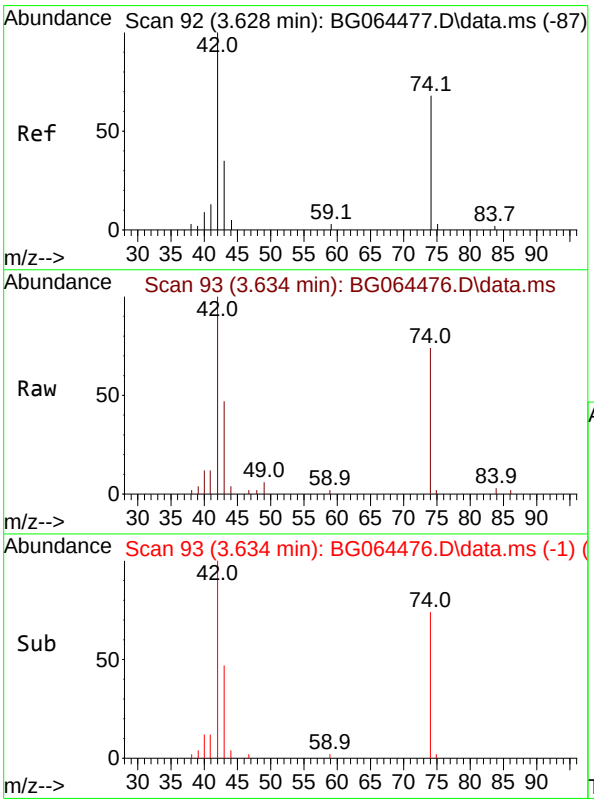


Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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Reviewed By :Rahul Chavli
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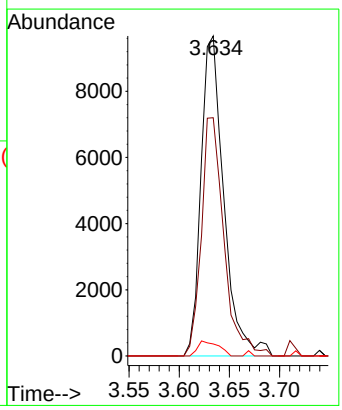
Supervised By :Jagrut Upadhyay
10/03/2025

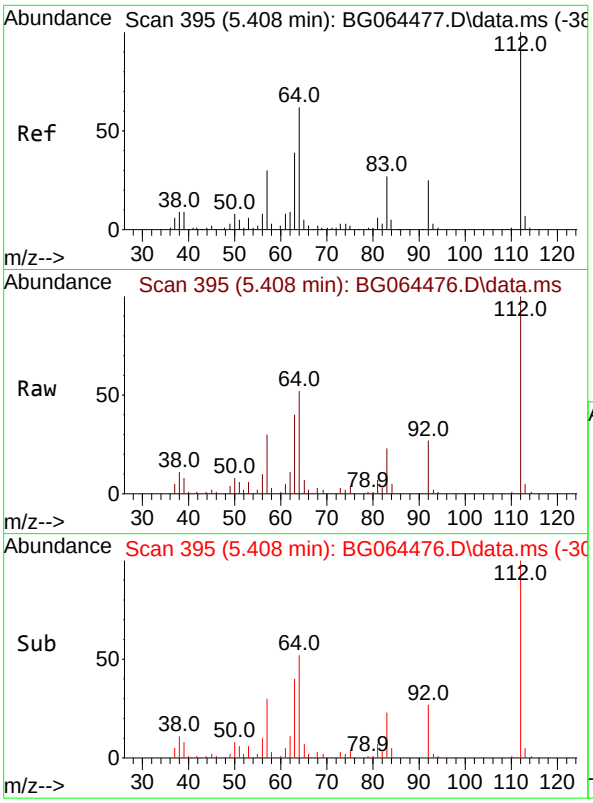


#4
n-Nitrosodimethylamine
Concen: 18.981 ng
RT: 3.634 min Scan# 93
Delta R.T. 0.009 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion: 42 Resp: 15299

Ion	Ratio	Lower	Upper
42	100		
74	74.5	54.2	81.4
44	3.7	4.2	6.2#

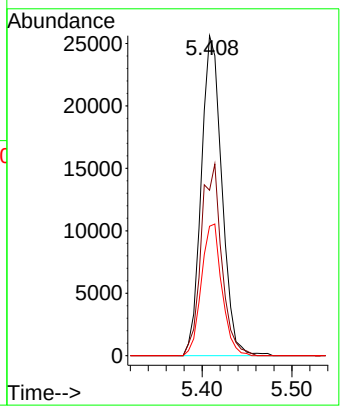




#5
2-Fluorophenol
Concen: 38.992 ng
RT: 5.408 min Scan# 3
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:112 Resp: 4078

Ion	Ratio	Lower	Upper
112	100		
64	51.7	49.8	74.8
63	40.4	31.3	46.9

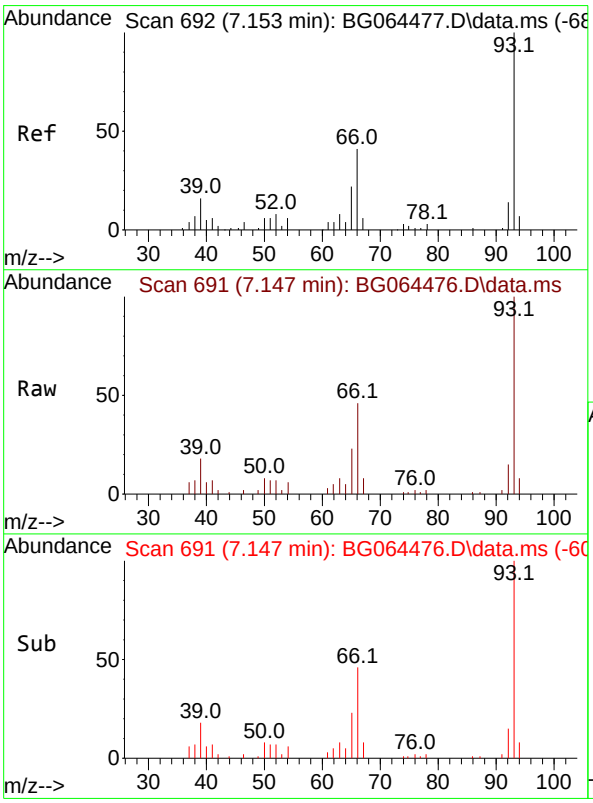


Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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Reviewed By :Rahul Chavli
10/03/2025

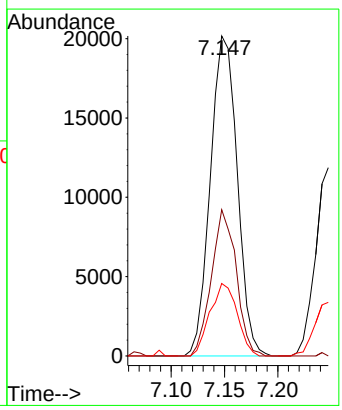
Supervised By :Jagrut Upadhyay
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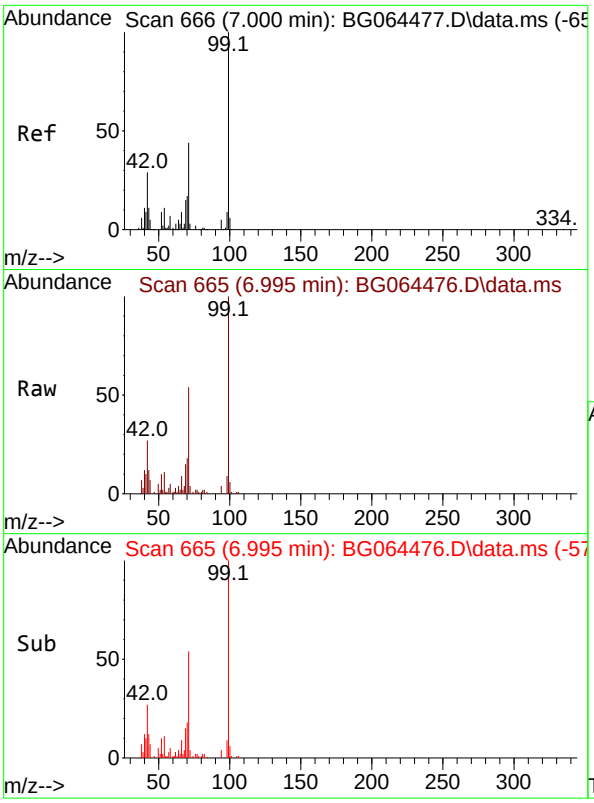


#6
Aniline
Concen: 19.945 ng
RT: 7.147 min Scan# 691
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion: 93 Resp: 35362

Ion	Ratio	Lower	Upper
93	100		
66	45.7	33.0	49.4
65	22.7	17.5	26.3

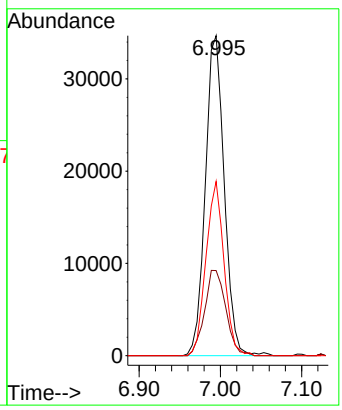




#7
Phenol-d6
Concen: 39.819 ng
RT: 6.995 min Scan# 6
Delta R.T. 0.009 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion: 99 Resp: 5596

Ion	Ratio	Lower	Upper
99	100		
42	26.6	22.9	34.3
71	54.5	35.4	53.2

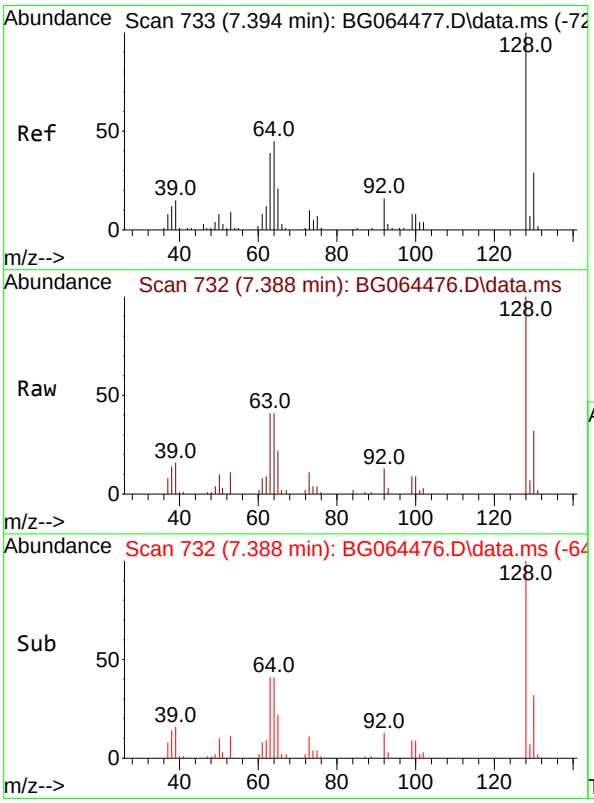


Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli
10/03/2025

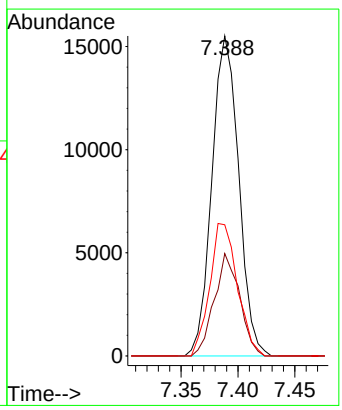
Supervised By :Jagrut Upadhyay
10/03/2025

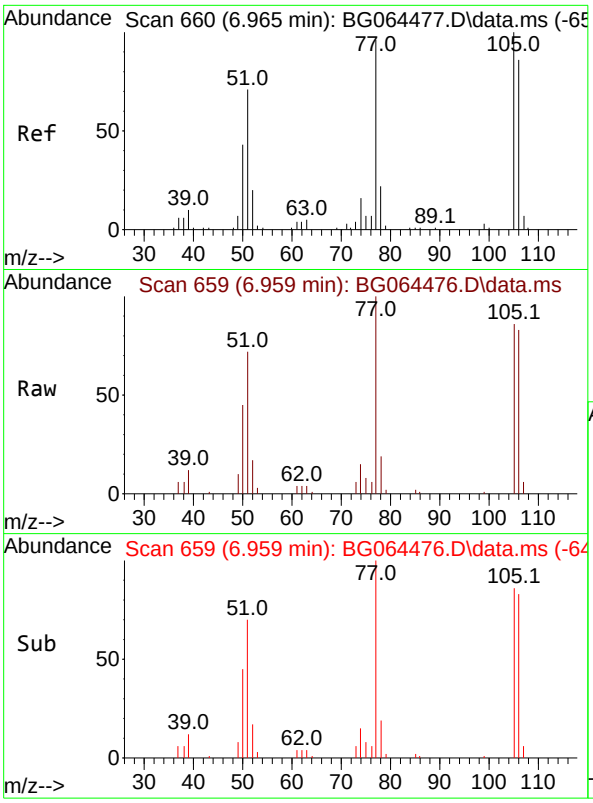


#8
2-Chlorophenol
Concen: 19.771 ng
RT: 7.388 min Scan# 732
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:128 Resp: 25393

Ion	Ratio	Lower	Upper
128	100		
130	32.0	9.2	49.2
64	41.0	25.5	65.5

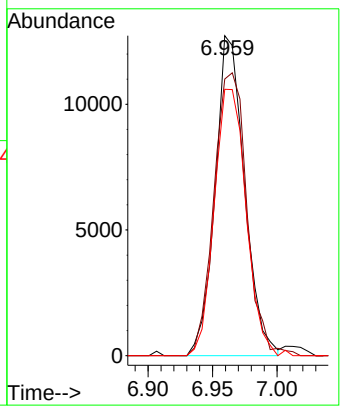




#9
Benzaldehyde
Concen: 16.115 ng m
RT: 6.959 min Scan# 6
Delta R.T. -0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion: 77 Resp: 2010

Ion	Ratio	Lower	Upper
77	100		
105	86.5	83.7	123.7
106	83.3	69.4	109.4

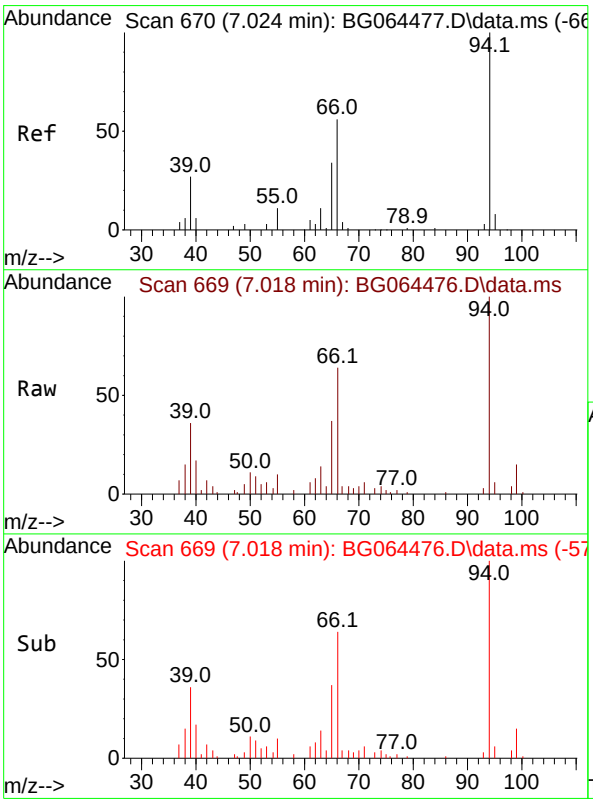


Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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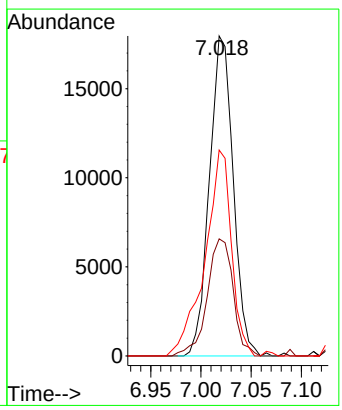
Supervised By :Jagrut Upadhyay
10/03/2025

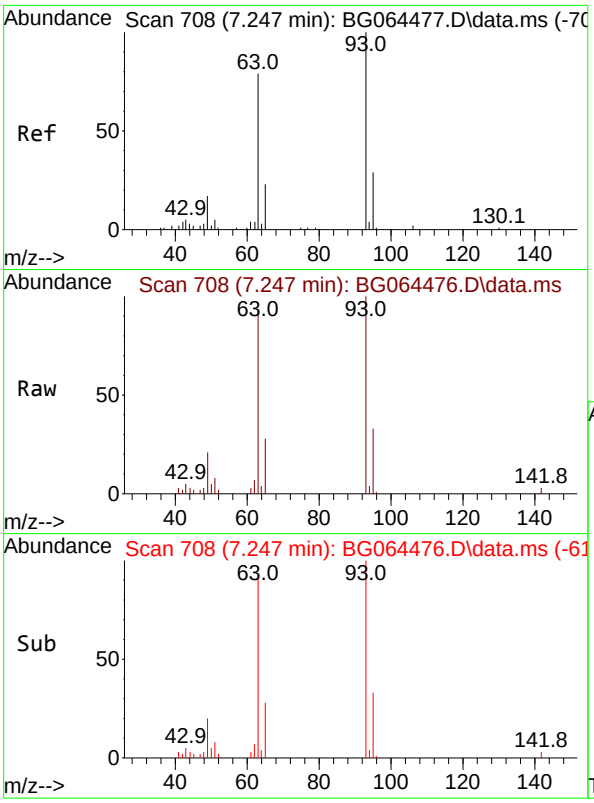


#10
Phenol
Concen: 19.971 ng
RT: 7.018 min Scan# 669
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion: 94 Resp: 29612

Ion	Ratio	Lower	Upper
94	100		
65	36.6	14.8	54.8
66	64.3	41.4	81.4

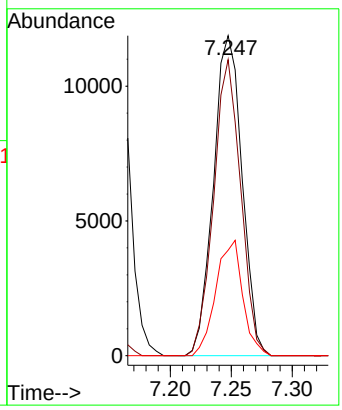




#11
bis(2-Chloroethyl)ether
Concen: 19.313 ng
RT: 7.247 min Scan# 7
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion: 93 Resp: 1939

Ion	Ratio	Lower	Upper
93	100		
63	92.5	59.5	99.5
95	32.9	8.8	48.8

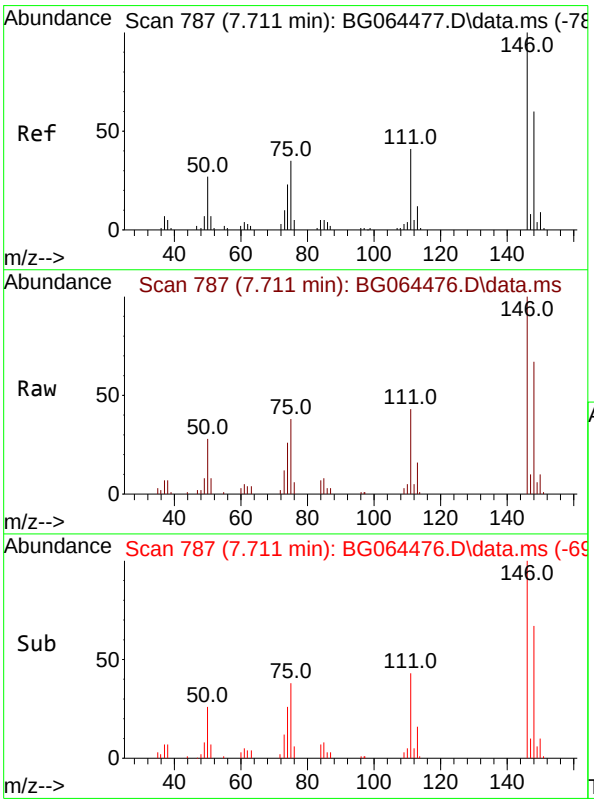


Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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10/03/2025

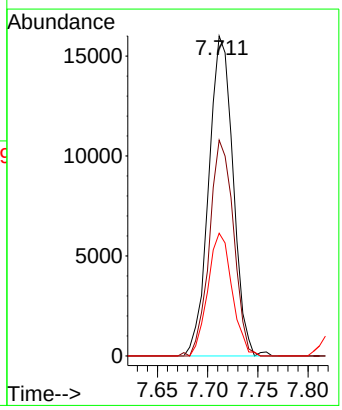
Supervised By :Jagrut Upadhyay
10/03/2025

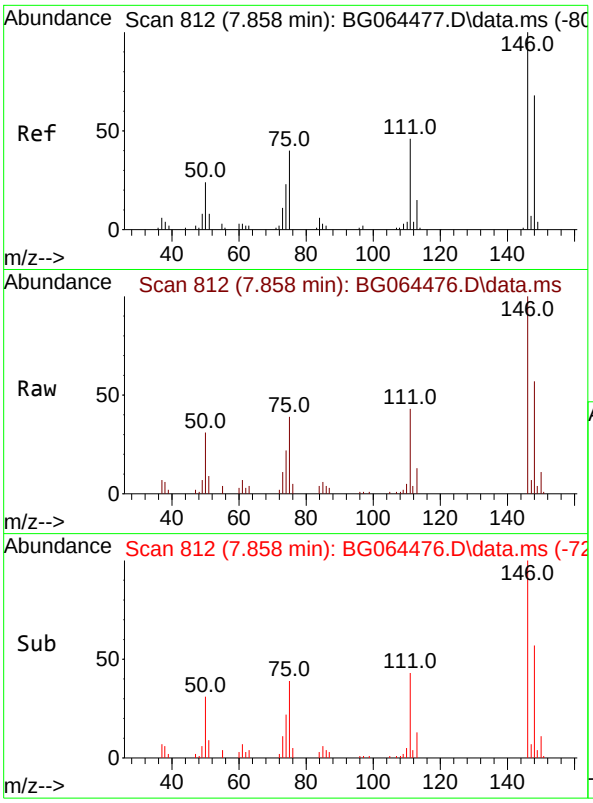


#12
1,3-Dichlorobenzene
Concen: 19.226 ng
RT: 7.711 min Scan# 787
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:146 Resp: 27013

Ion	Ratio	Lower	Upper
146	100		
148	67.4	48.4	72.6
75	38.4	28.3	42.5

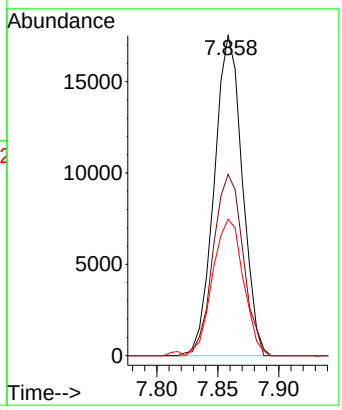




#13
1,4-Dichlorobenzene
Concen: 19.936 ng
RT: 7.858 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:146 Resp: 2811

Ion	Ratio	Lower	Upper
146	100		
148	56.7	54.4	81.6
111	42.7	36.5	54.7

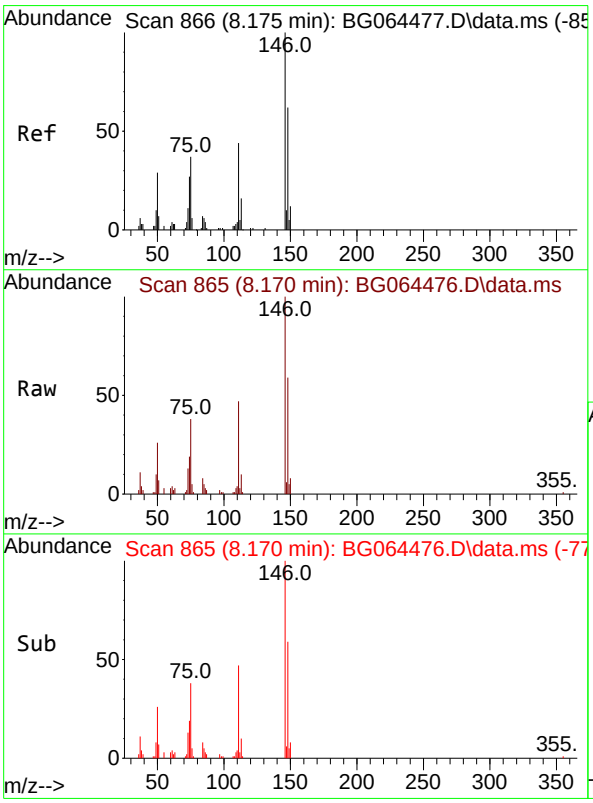


Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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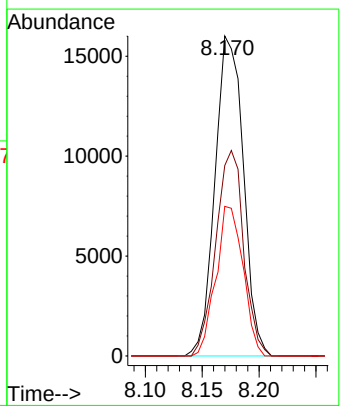
Supervised By :Jagrut Upadhyay
10/03/2025

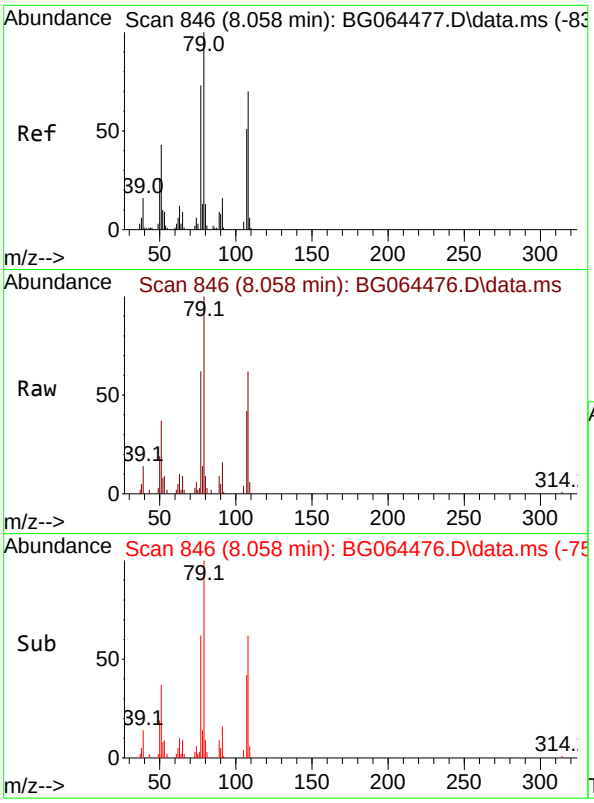


#14
1,2-Dichlorobenzene
Concen: 19.980 ng
RT: 8.170 min Scan# 865
Delta R.T. -0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:146 Resp: 27767

Ion	Ratio	Lower	Upper
146	100		
148	59.5	50.0	75.0
111	46.8	35.0	52.4

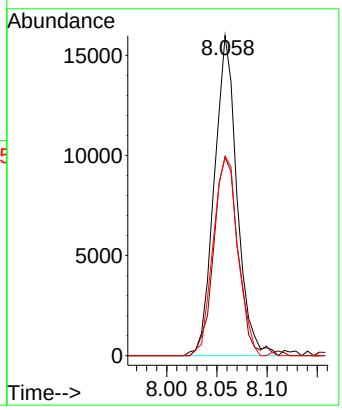




#15
Benzyl Alcohol
Concen: 19.441 ng
RT: 8.058 min Scan# 84
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion: 79 Resp: 2516

Ion	Ratio	Lower	Upper
79	100		
108	62.0	56.4	84.6
77	62.4	58.3	87.5

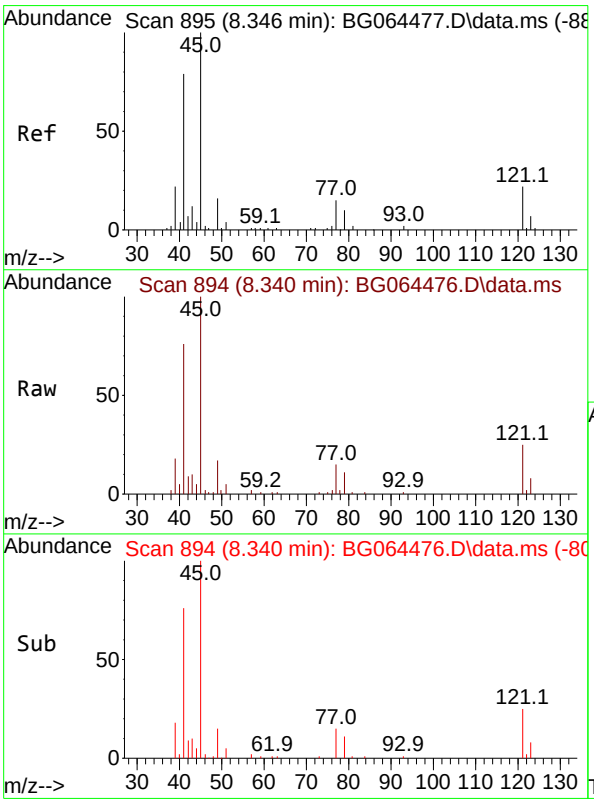


Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli
10/03/2025

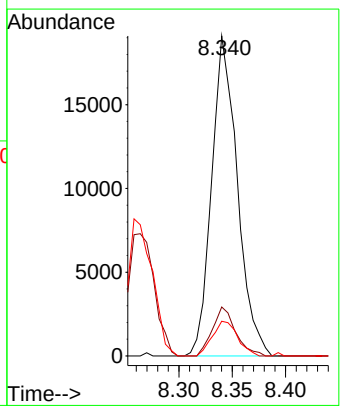
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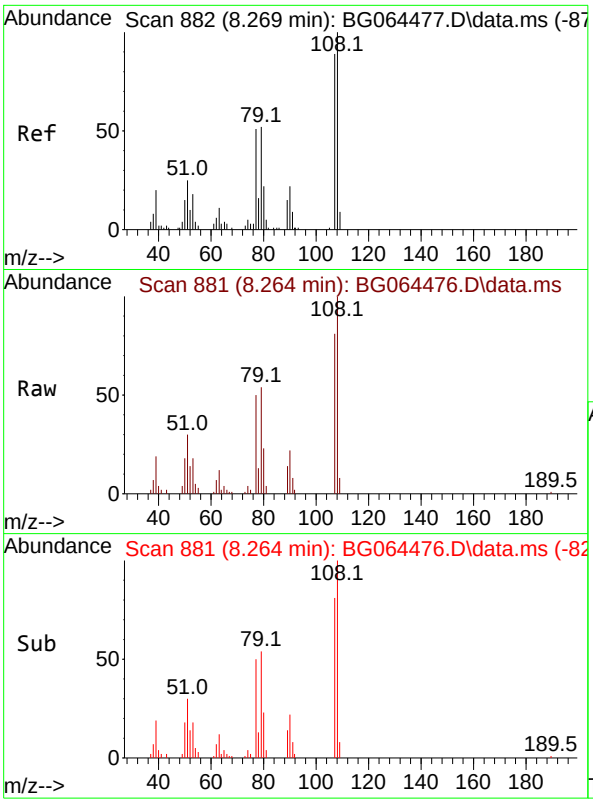


#16
2,2'-oxybis(1-Chloropropane)
Concen: 19.821 ng
RT: 8.340 min Scan# 894
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion: 45 Resp: 32082

Ion	Ratio	Lower	Upper
45	100		
77	15.3	0.0	35.6
79	10.9	0.0	30.7

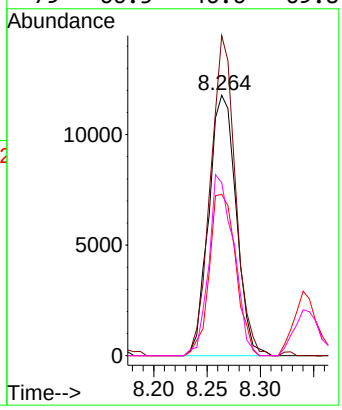




#17
2-Methylphenol
Concen: 19.589 ng
RT: 8.264 min Scan# 8
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:107 Resp: 2103

Ion	Ratio	Lower	Upper
107	100		
108	122.8	90.3	135.5
77	61.9	46.0	69.0
79	66.5	46.6	69.8

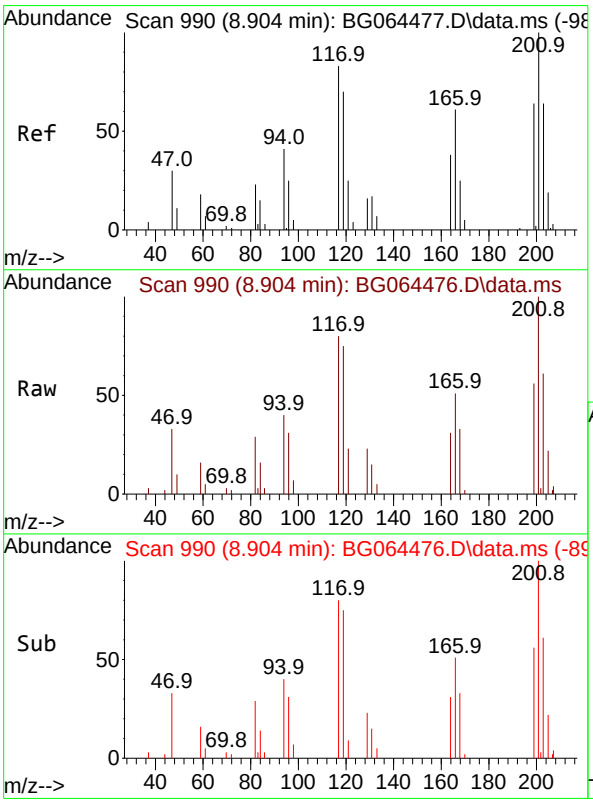


Instrument :
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ClientSampleId :
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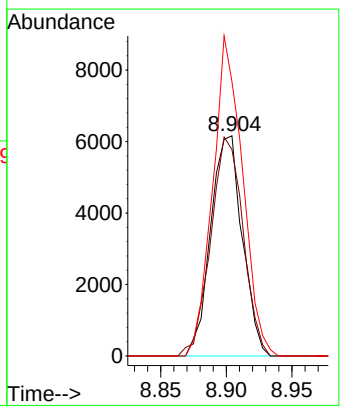
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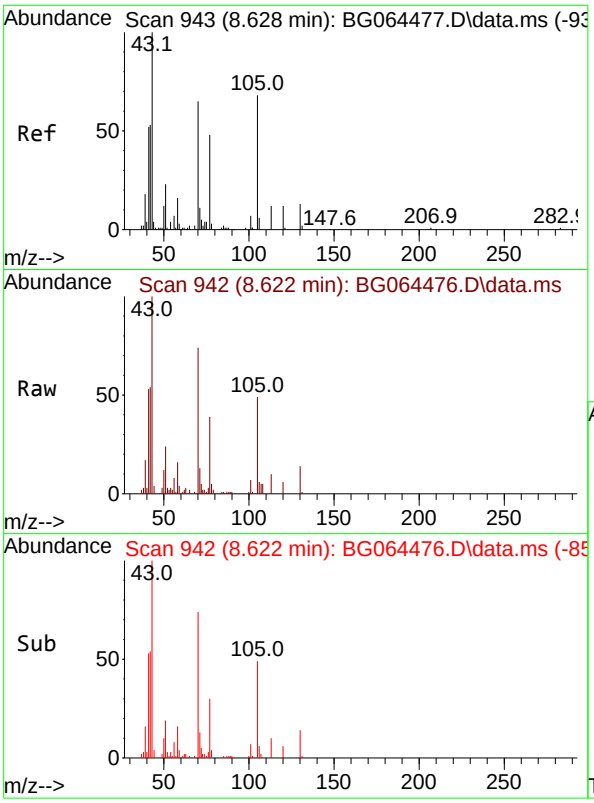


#18
Hexachloroethane
Concen: 18.581 ng
RT: 8.904 min Scan# 990
Delta R.T. 0.009 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:117 Resp: 10342

Ion	Ratio	Lower	Upper
117	100		
119	93.7	67.4	101.0
201	124.6	95.9	143.9

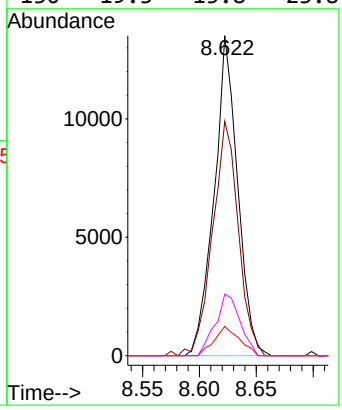




#19
n-Nitroso-di-n-propylamine
Concen: 20.713 ng
RT: 8.622 min Scan# 94
Delta R.T. 0.009 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion: 70 Resp: 1947

Ion	Ratio	Lower	Upper
70	100		
42	73.2	64.9	97.3
101	9.2	8.7	13.1
130	19.3	15.8	23.8

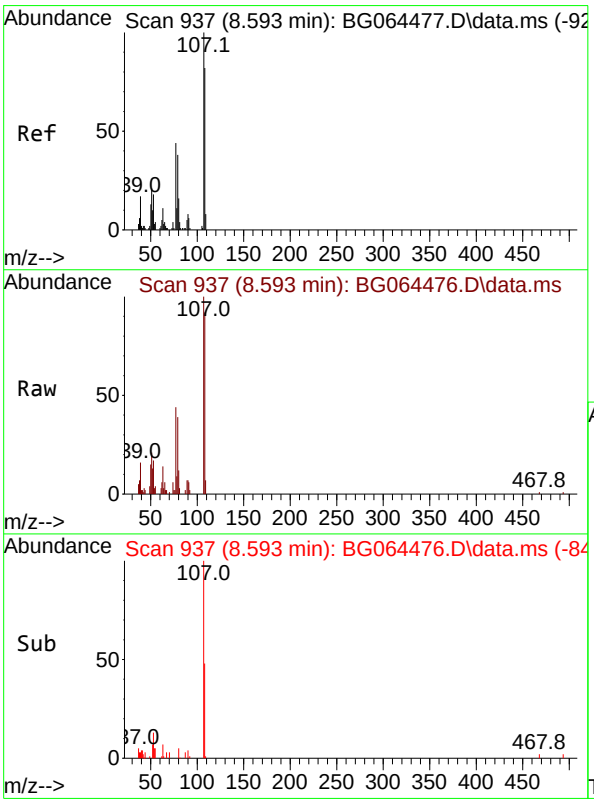


Instrument :
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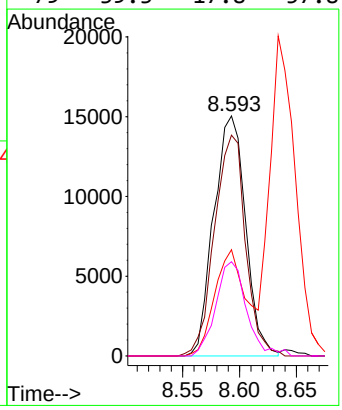
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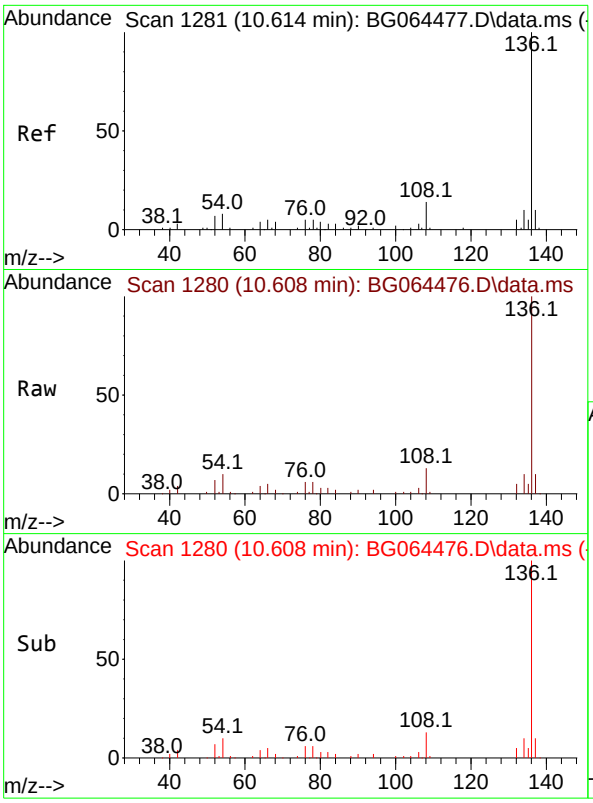


#20
3+4-Methylphenols
Concen: 19.505 ng
RT: 8.593 min Scan# 937
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:107 Resp: 29225

Ion	Ratio	Lower	Upper
107	100		
108	92.0	62.1	102.1
77	44.3	23.5	63.5
79	39.3	17.8	57.8

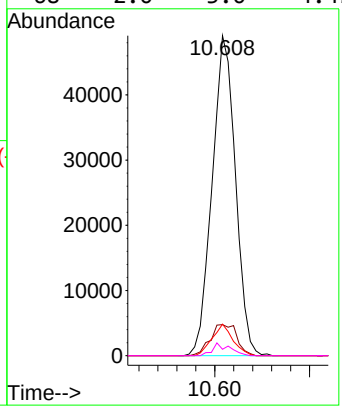




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.608 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:136 Resp: 8388

Ion	Ratio	Lower	Upper
136	100		
137	9.7	8.3	12.5
54	9.8	6.2	9.4#
68	2.0	3.0	4.4#

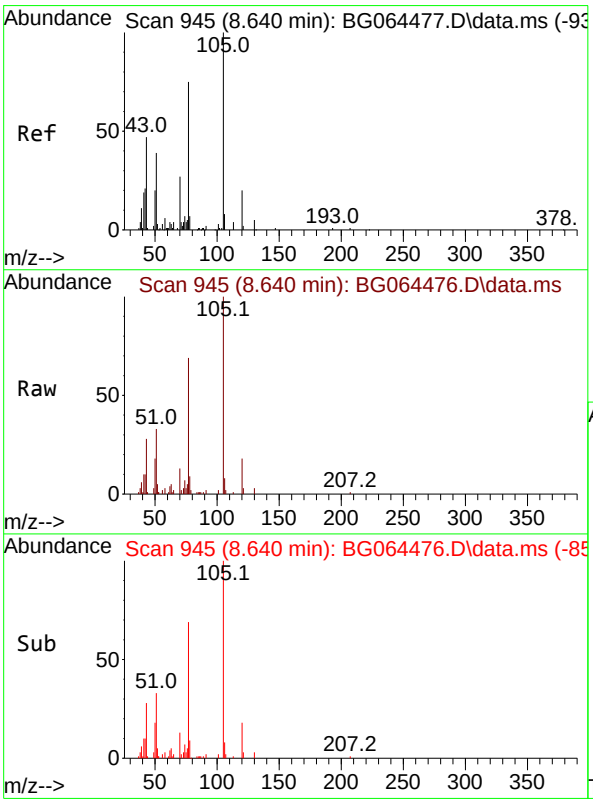


Instrument :
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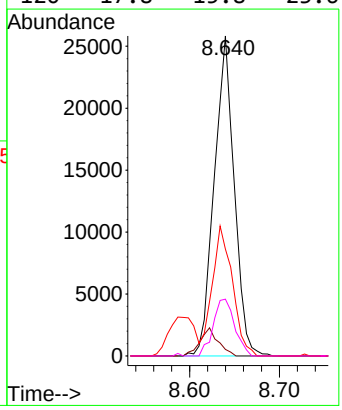
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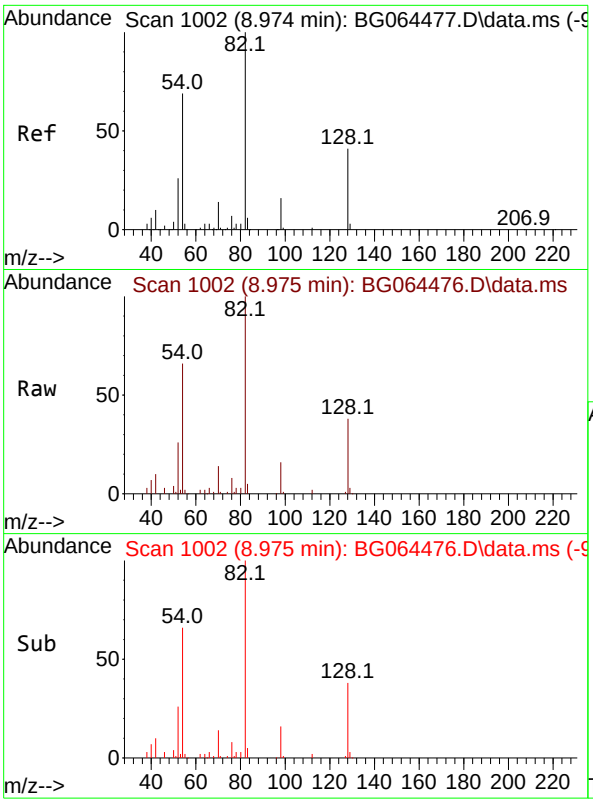


#22
Acetophenone
Concen: 19.687 ng
RT: 8.640 min Scan# 945
Delta R.T. 0.009 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:105 Resp: 39987

Ion	Ratio	Lower	Upper
105	100		
71	2.1	2.8	4.2#
51	33.4	33.0	49.4
120	17.8	15.8	23.6

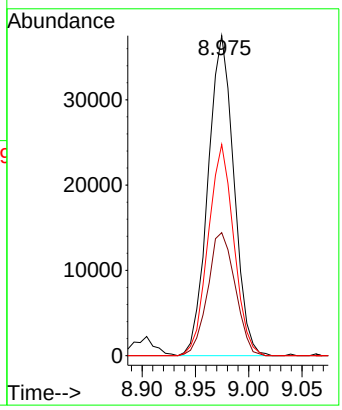




#23
Nitrobenzene-d5
Concen: 40.610 ng
RT: 8.975 min Scan# 1
Delta R.T. 0.009 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion: 82 Resp: 6335

Ion	Ratio	Lower	Upper
82	100		
128	38.4	33.1	49.7
54	66.0	55.4	83.2

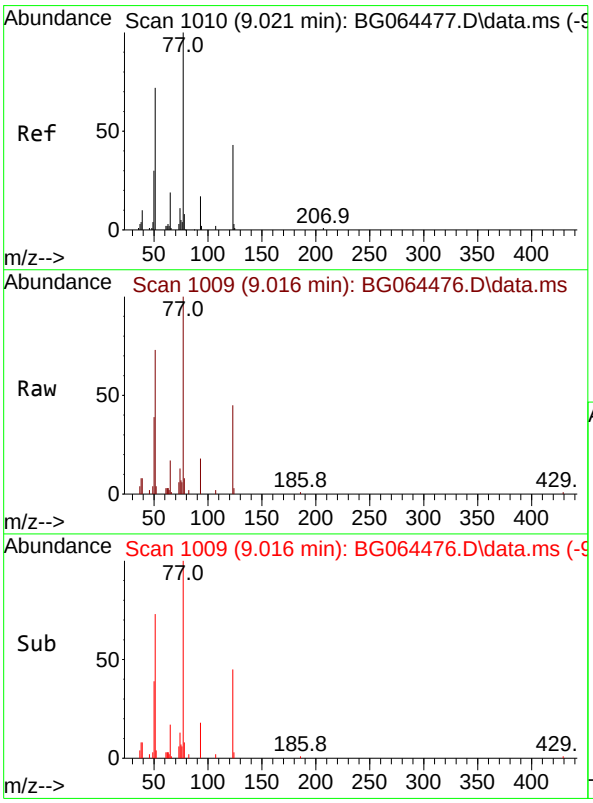


Instrument :
BNA_G
ClientSampleId :
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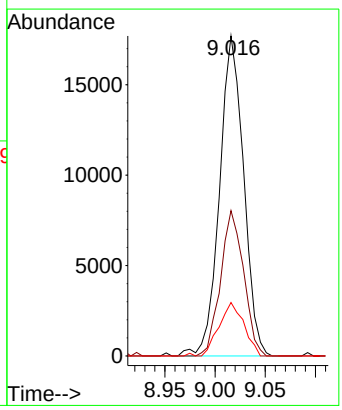
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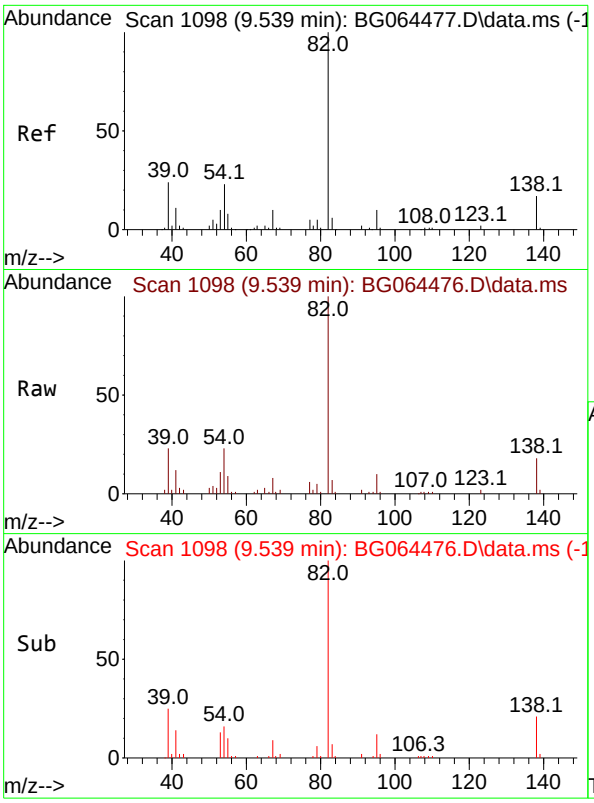


#24
Nitrobenzene
Concen: 18.981 ng
RT: 9.016 min Scan# 1009
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion: 77 Resp: 29530

Ion	Ratio	Lower	Upper
77	100		
123	45.4	34.4	51.6
65	16.7	14.8	22.2

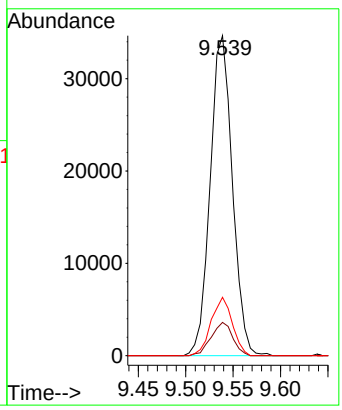




#25
Isophorone
Concen: 20.004 ng
RT: 9.539 min Scan# 1
Delta R.T. 0.008 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion: 82 Resp: 5653

Ion	Ratio	Lower	Upper
82	100		
95	10.4	7.8	11.8
138	18.3	13.8	20.6

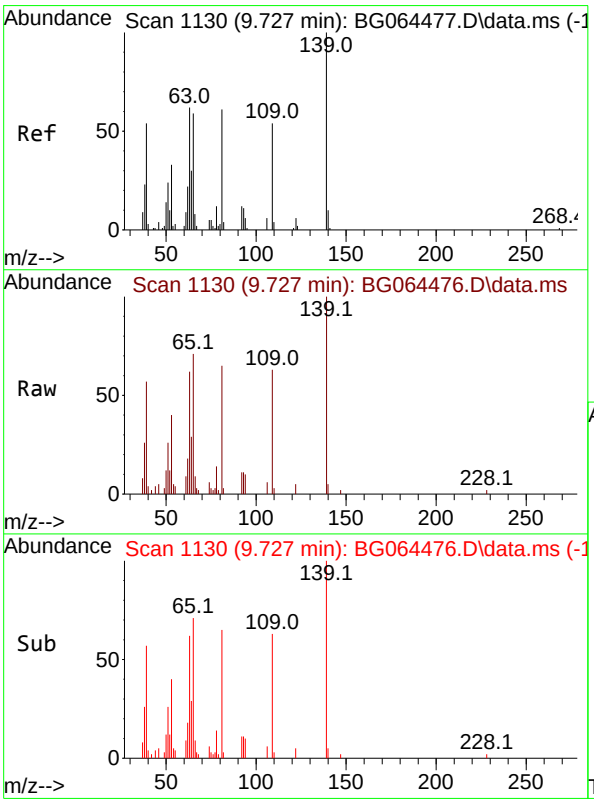


Instrument :
BNA_G
ClientSampleId :
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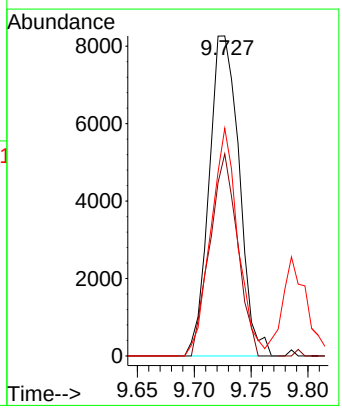
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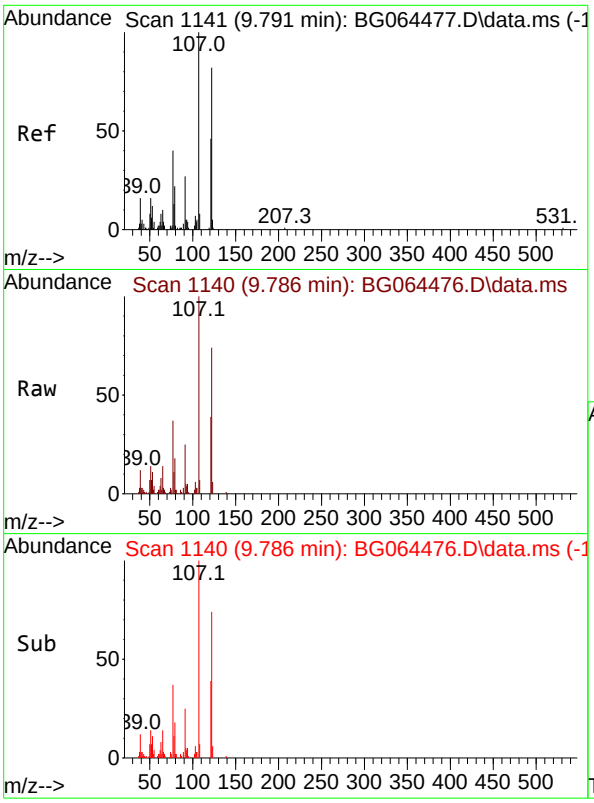


#26
2-Nitrophenol
Concen: 19.641 ng
RT: 9.727 min Scan# 1130
Delta R.T. 0.008 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:139 Resp: 15208

Ion	Ratio	Lower	Upper
139	100		
109	63.2	43.0	64.6
65	71.2	47.4	71.2

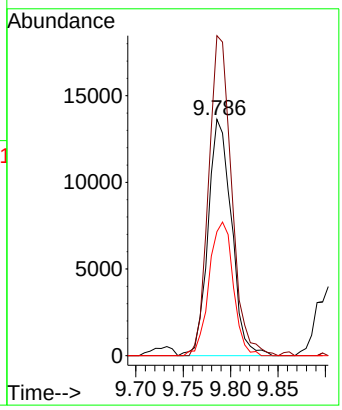




#27
2,4-Dimethylphenol
Concen: 19.778 ng
RT: 9.786 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:122 Resp: 2339

Ion	Ratio	Lower	Upper
122	100		
107	135.4	98.3	147.5
121	52.5	44.7	67.1

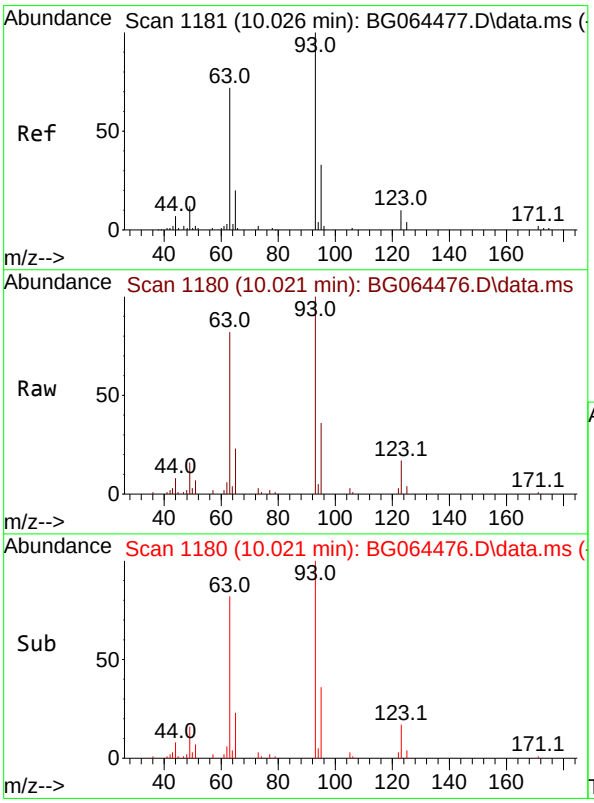


Instrument :
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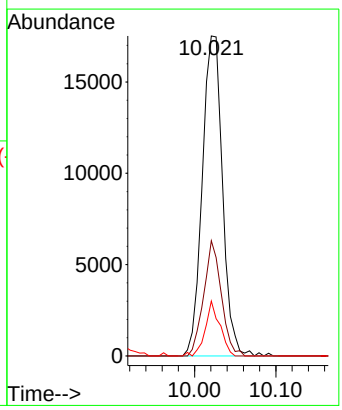
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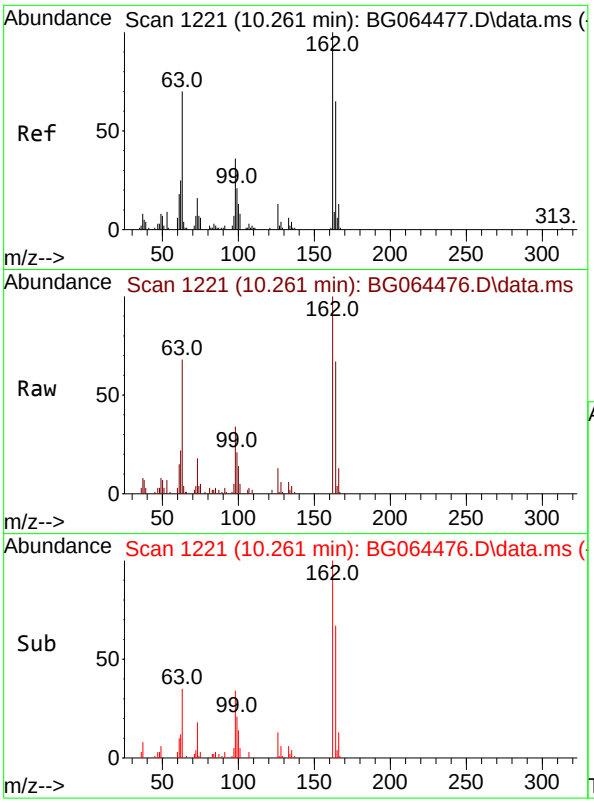


#28
bis(2-Chloroethoxy)methane
Concen: 21.017 ng
RT: 10.021 min Scan# 1180
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion: 93 Resp: 30279

Ion	Ratio	Lower	Upper
93	100		
95	36.0	26.5	39.7
123	17.2	8.9	13.3#

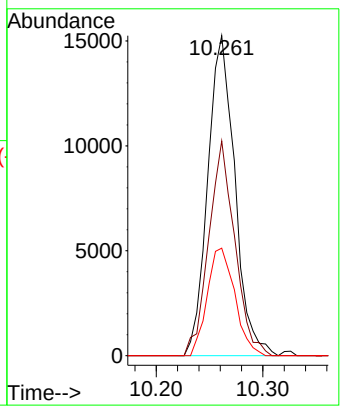




#29
2,4-Dichlorophenol
Concen: 19.691 ng
RT: 10.261 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:162 Resp: 2692

Ion	Ratio	Lower	Upper
162	100		
164	67.1	45.4	85.4
98	33.6	16.4	56.4

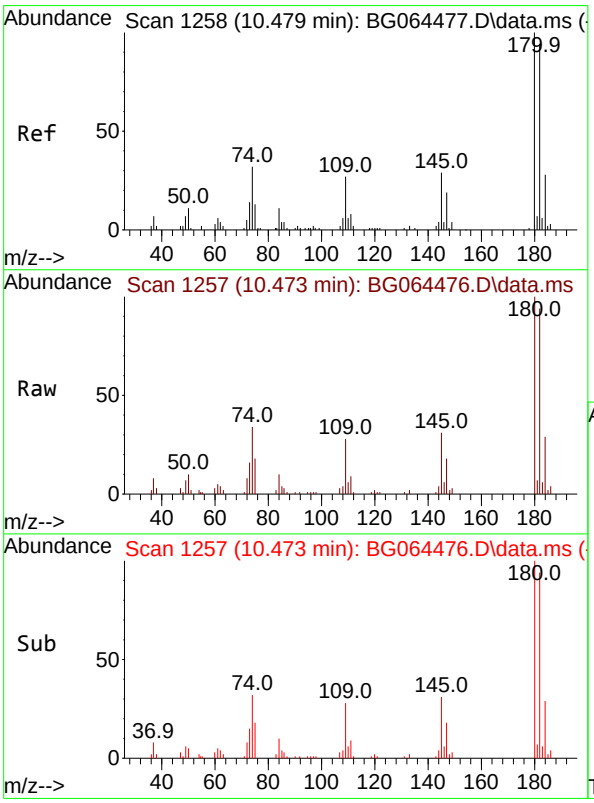


Instrument :
BNA_G
ClientSampleId :
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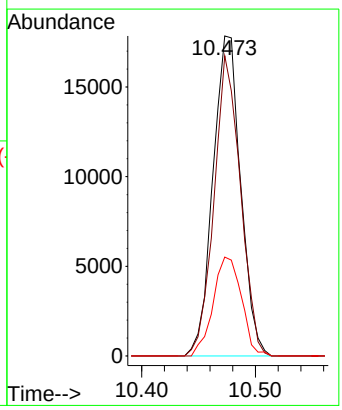
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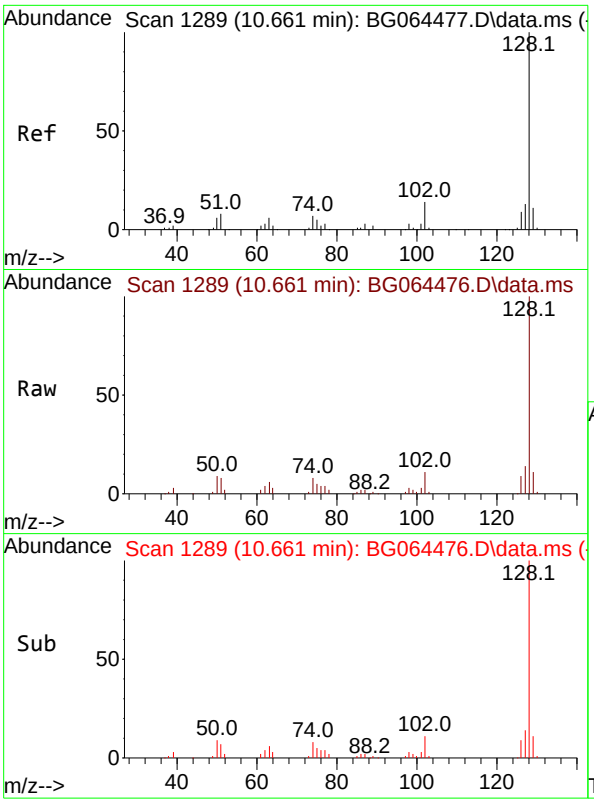


#30
1,2,4-Trichlorobenzene
Concen: 20.255 ng
RT: 10.473 min Scan# 1257
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:180 Resp: 30204

Ion	Ratio	Lower	Upper
180	100		
182	93.8	75.4	113.2
145	30.9	23.2	34.8

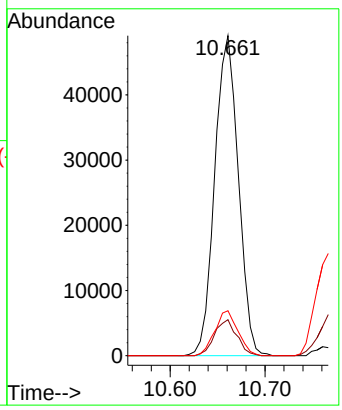




#31
Naphthalene
Concen: 19.671 ng
RT: 10.661 min Scan# 1
Delta R.T. 0.009 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:128 Resp: 8497

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.7	13.1
127	14.0	10.2	15.2

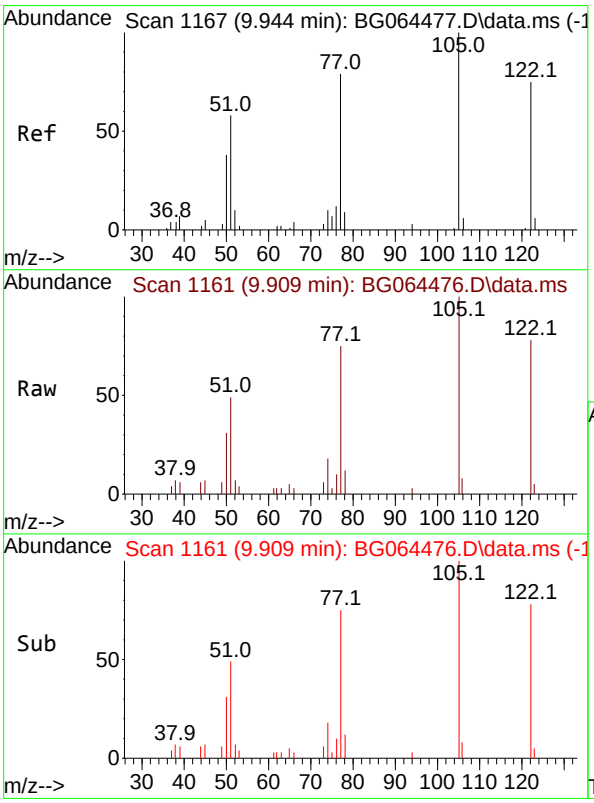


Instrument :
BNA_G
ClientSampleId :
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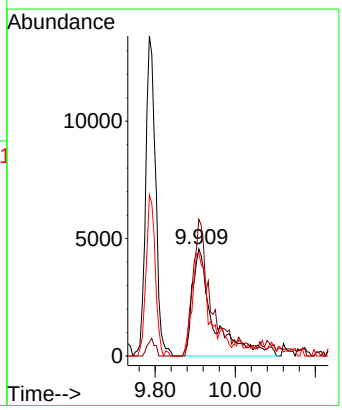
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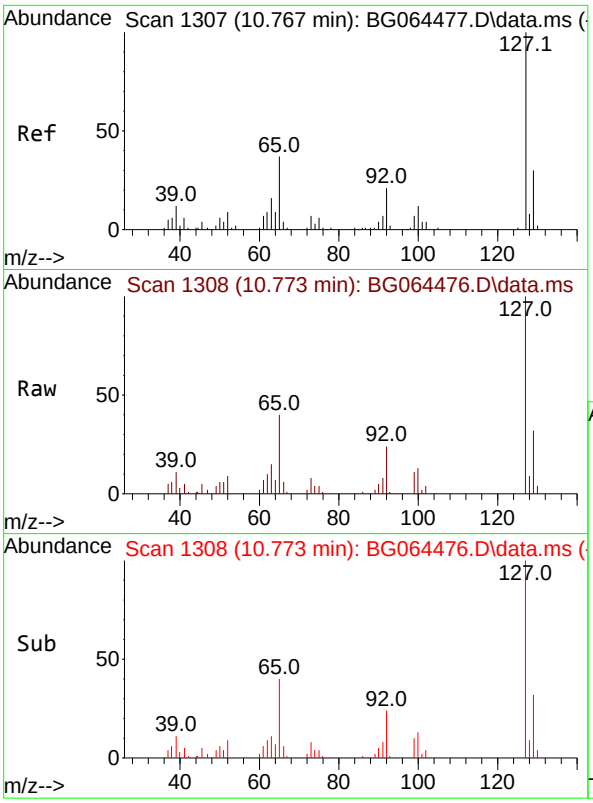


#32
Benzoic acid
Concen: 18.305 ng m
RT: 9.909 min Scan# 1161
Delta R.T. 0.020 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:122 Resp: 16621

Ion	Ratio	Lower	Upper
122	100		
105	127.6	113.9	153.9
77	96.3	86.1	126.1

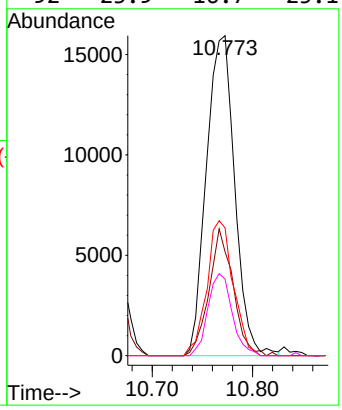




#33
4-Chloroaniline
Concen: 18.874 ng
RT: 10.773 min Scan# 1
Delta R.T. 0.009 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:127 Resp: 3128

Ion	Ratio	Lower	Upper
127	100		
129	32.5	24.2	36.4
65	39.9	29.6	44.4
92	23.9	16.7	25.1

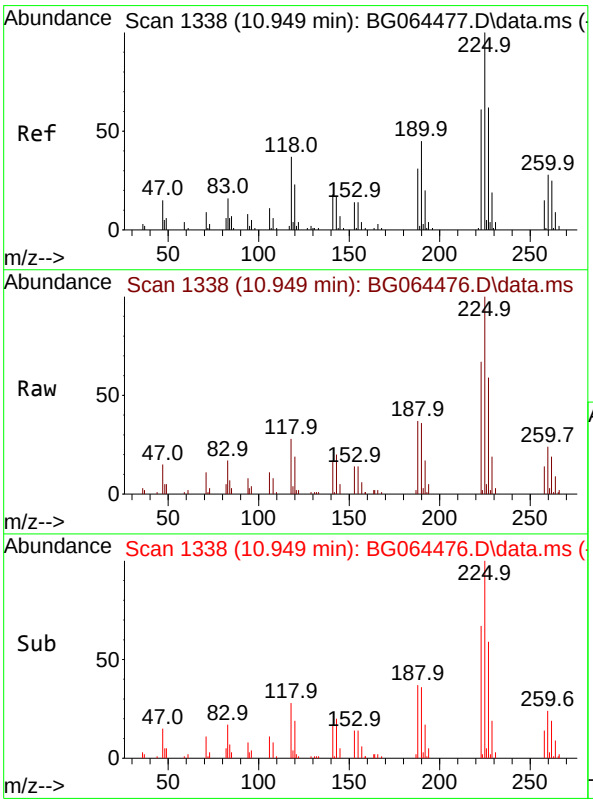


Instrument :
BNA_G
ClientSampleId :
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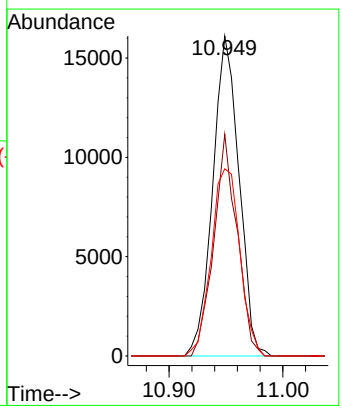
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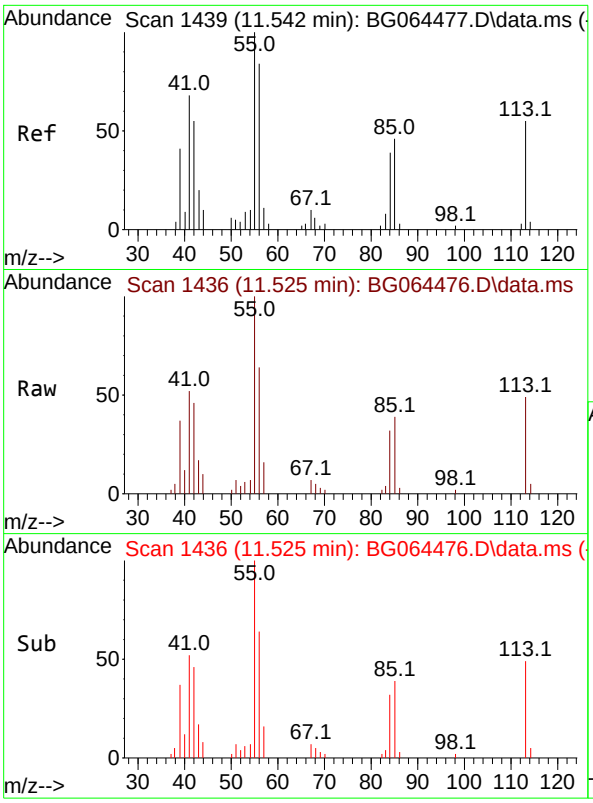


#34
Hexachlorobutadiene
Concen: 20.205 ng
RT: 10.949 min Scan# 1338
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:225 Resp: 25803

Ion	Ratio	Lower	Upper
225	100		
223	69.3	49.0	73.6
227	58.5	49.9	74.9

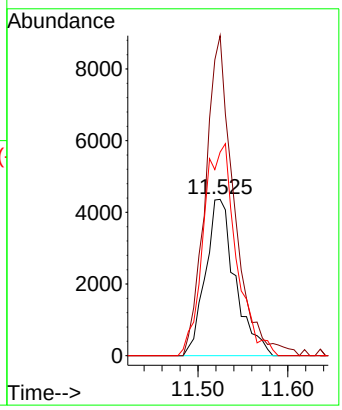




#35
Caprolactam
Concen: 21.453 ng
RT: 11.525 min Scan# 14
Delta R.T. 0.014 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:113 Resp: 1004

Ion	Ratio	Lower	Upper
113	100		
55	204.7	162.0	202.0#
56	130.1	134.6	174.6#

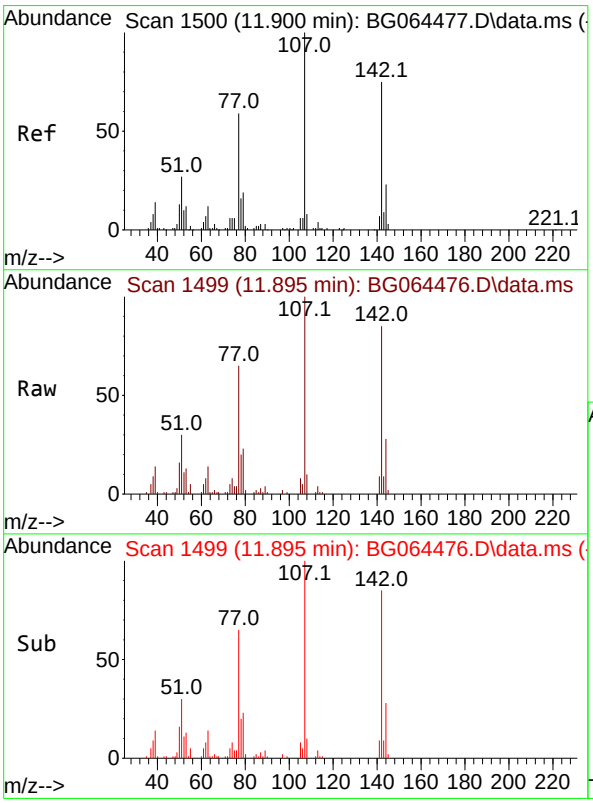


Instrument :
BNA_G
ClientSampleId :
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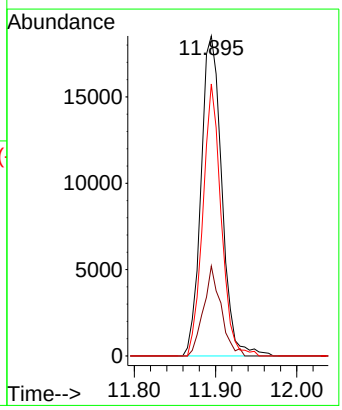
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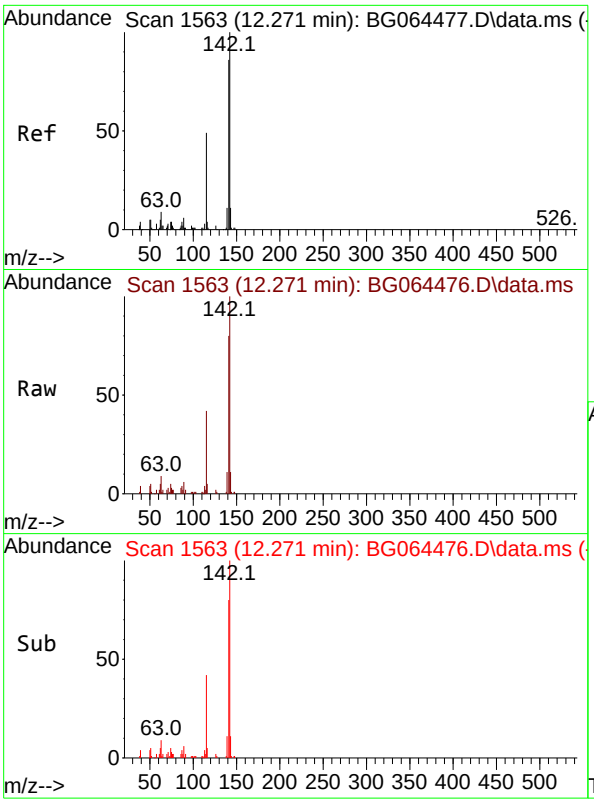


#36
4-Chloro-3-methylphenol
Concen: 19.795 ng
RT: 11.895 min Scan# 1499
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:107 Resp: 32921

Ion	Ratio	Lower	Upper
107	100		
144	28.1	18.7	28.1#
142	85.0	60.2	90.2

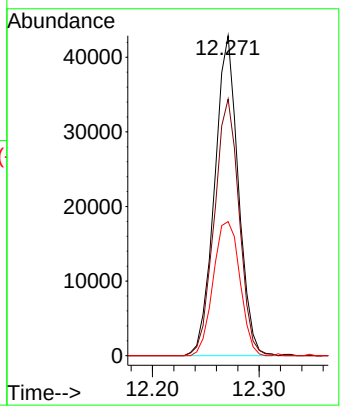




#37
2-Methylnaphthalene
Concen: 19.995 ng
RT: 12.271 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:142 Resp: 6630

Ion	Ratio	Lower	Upper
142	100		
141	80.2	68.7	103.1
115	41.9	39.3	58.9

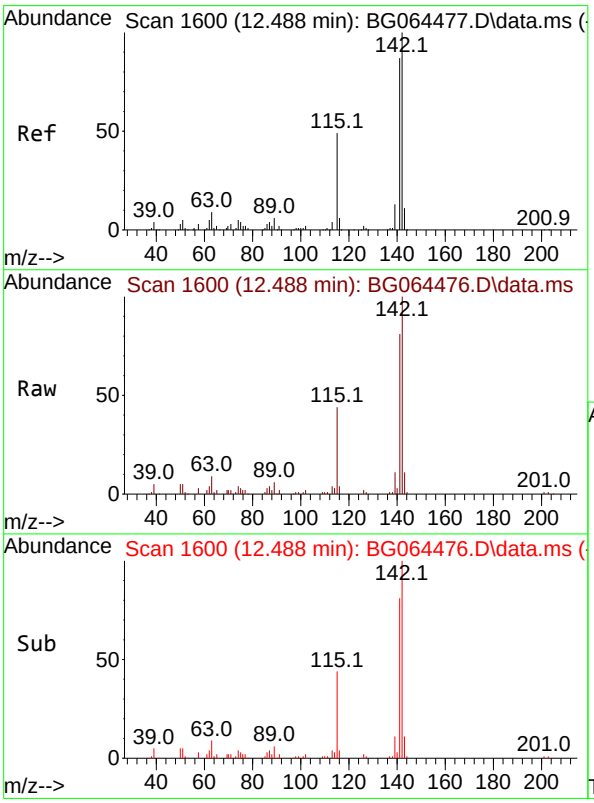


Instrument :
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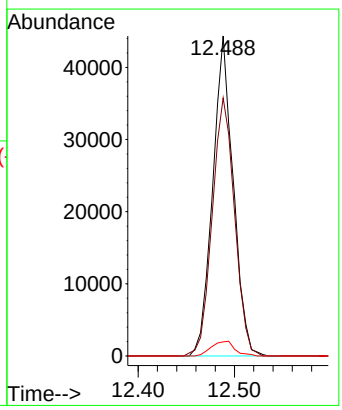
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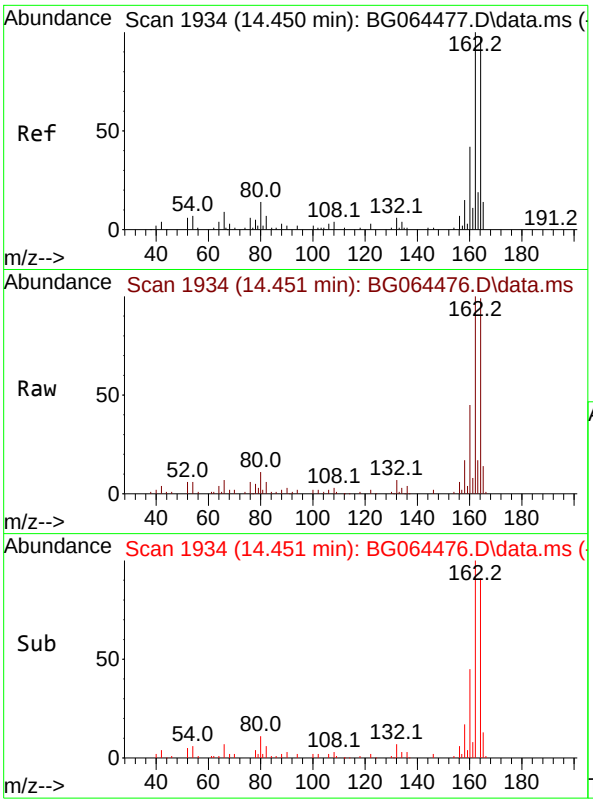


#38
1-Methylnaphthalene
Concen: 19.840 ng m
RT: 12.488 min Scan# 1600
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:142 Resp: 65599

Ion	Ratio	Lower	Upper
142	100		
141	80.6	69.8	104.8
116	4.4	4.6	6.8#

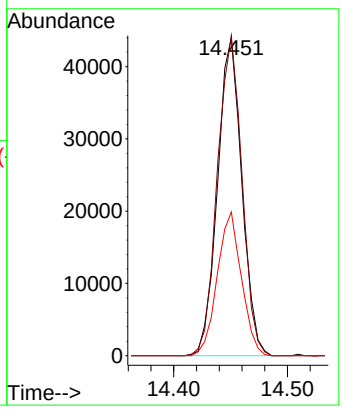




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:164 Resp: 6528

Ion	Ratio	Lower	Upper
164	100		
162	100.8	82.2	123.2
160	45.3	34.3	51.5

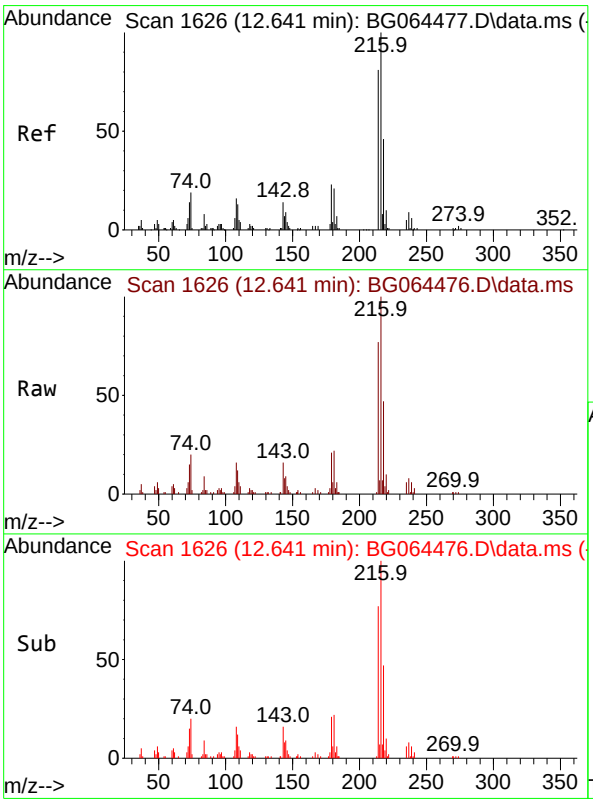


Instrument :
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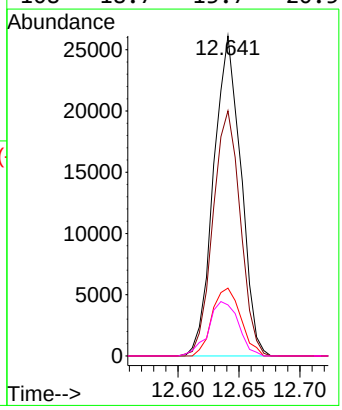
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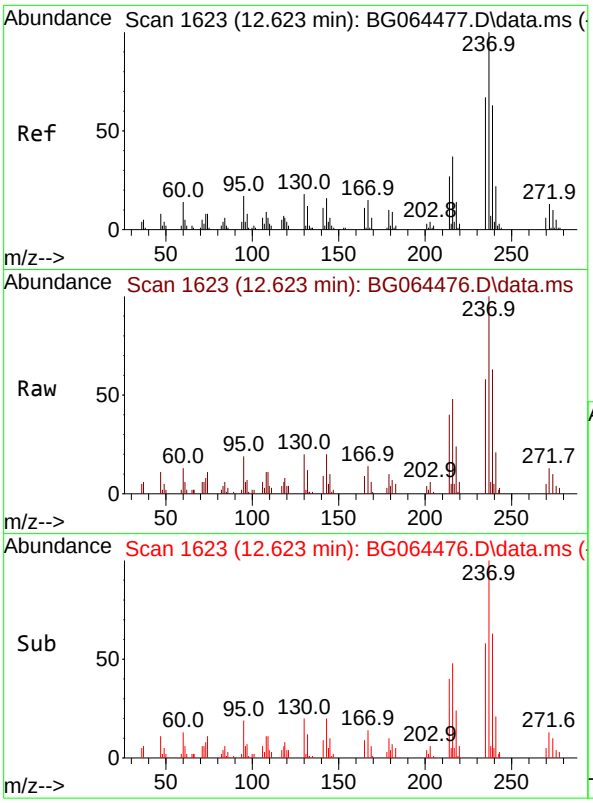


#40
1,2,4,5-Tetrachlorobenzene
Concen: 19.252 ng
RT: 12.641 min Scan# 1626
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:216 Resp: 40584

Ion	Ratio	Lower	Upper
216	100		
214	77.0	62.5	93.7
179	22.3	17.0	25.6
108	18.7	13.7	20.5

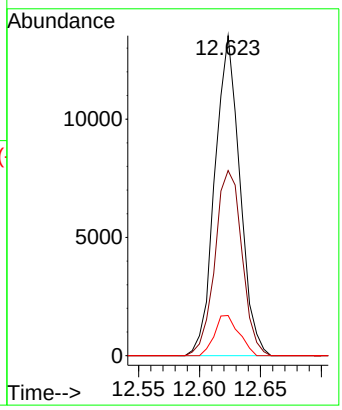




#41
Hexachlorocyclopentadiene
Concen: 17.510 ng
RT: 12.623 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:237 Resp: 1930

Ion	Ratio	Lower	Upper
237	100		
235	57.9	46.9	86.9
272	12.5	0.0	32.6

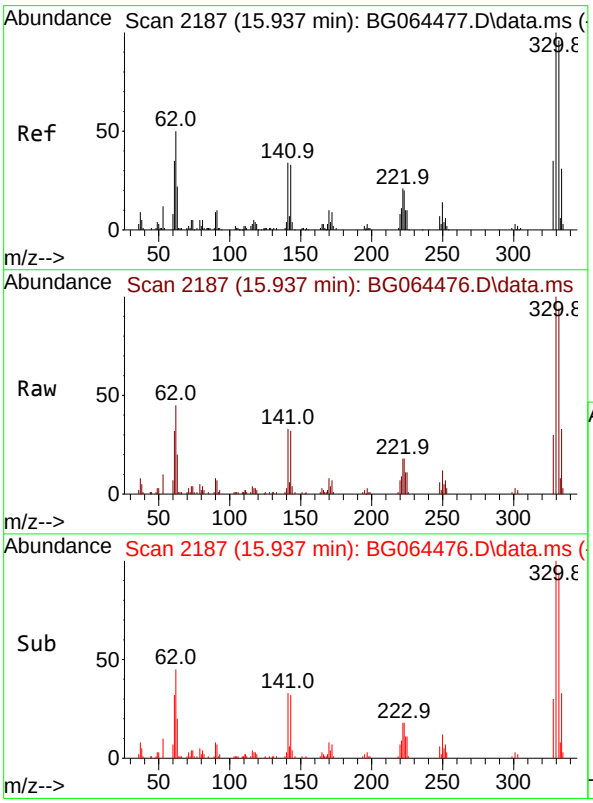


Instrument :
BNA_G
ClientSampleId :
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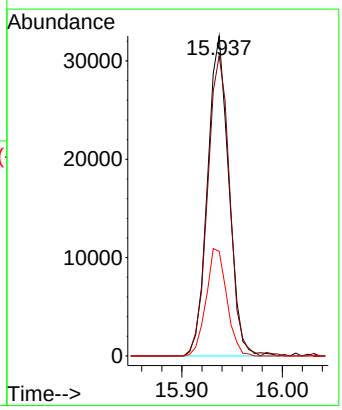
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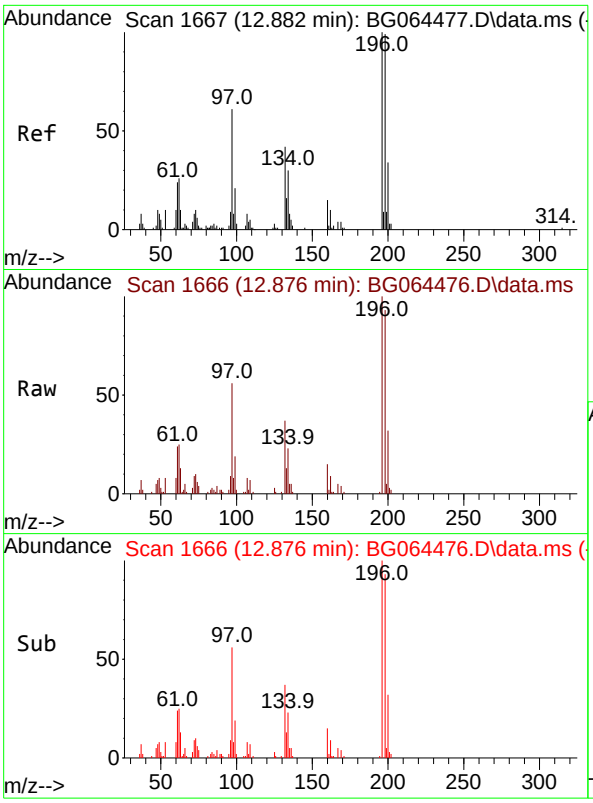


#42
2,4,6-Tribromophenol
Concen: 40.505 ng
RT: 15.937 min Scan# 2187
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:330 Resp: 47936

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.4	116.0
141	32.7	25.8	38.6

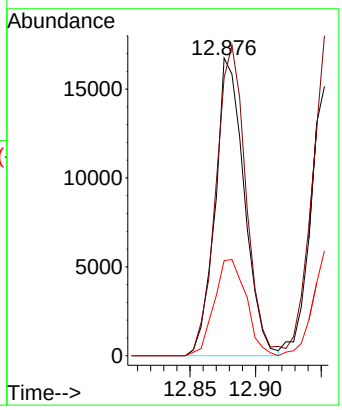




#43
2,4,6-Trichlorophenol
Concen: 19.167 ng
RT: 12.876 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:196 Resp: 2583

Ion	Ratio	Lower	Upper
196	100		
198	93.4	79.3	118.9
200	31.9	27.4	41.2

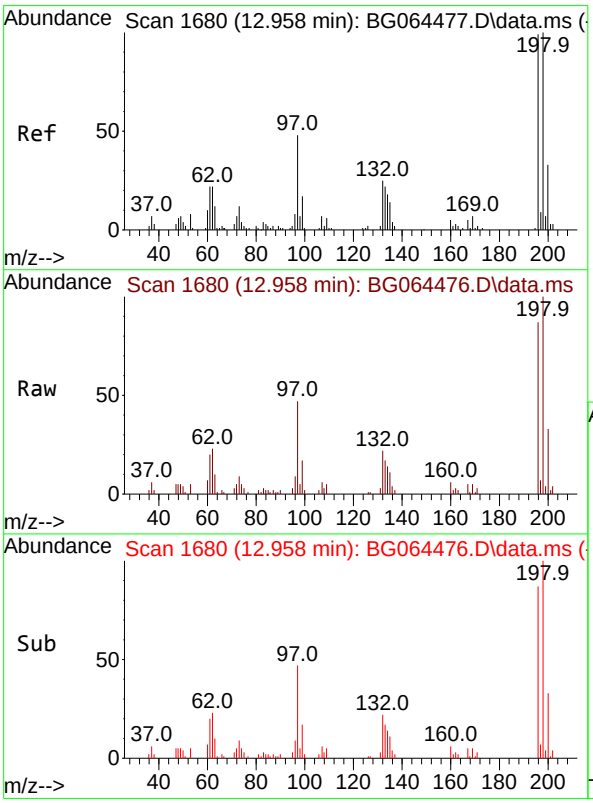


Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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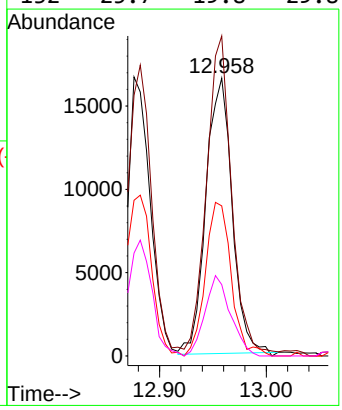
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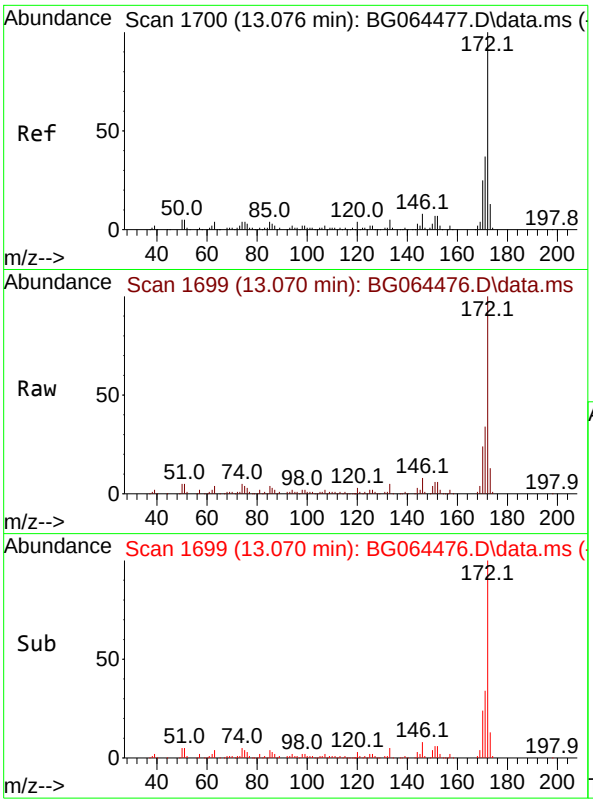


#44
2,4,5-Trichlorophenol
Concen: 18.678 ng
RT: 12.958 min Scan# 1680
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:196 Resp: 28101

Ion	Ratio	Lower	Upper
196	100		
198	115.2	80.3	120.5
97	54.1	39.4	59.0
132	25.7	19.8	29.8

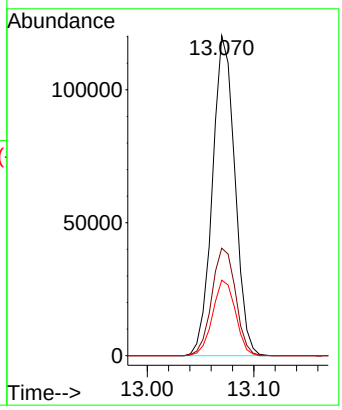




#45
2-Fluorobiphenyl
Concen: 39.679 ng
RT: 13.070 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:172 Resp: 17575

Ion	Ratio	Lower	Upper
172	100		
171	33.6	29.6	44.4
170	23.6	20.2	30.2

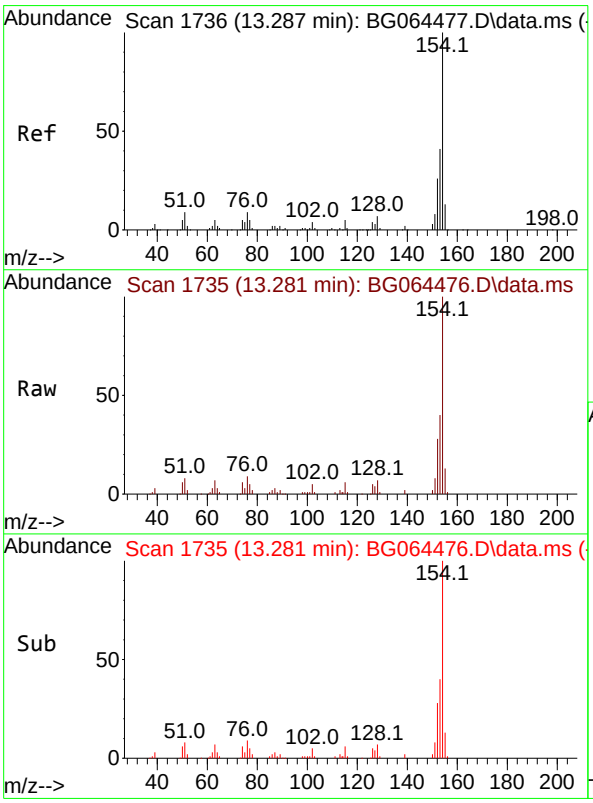


Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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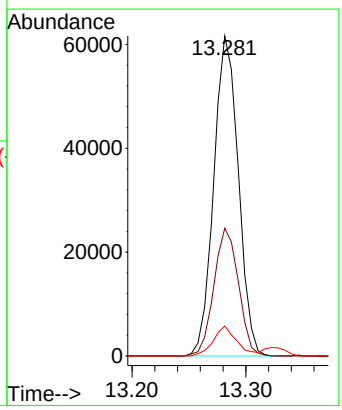
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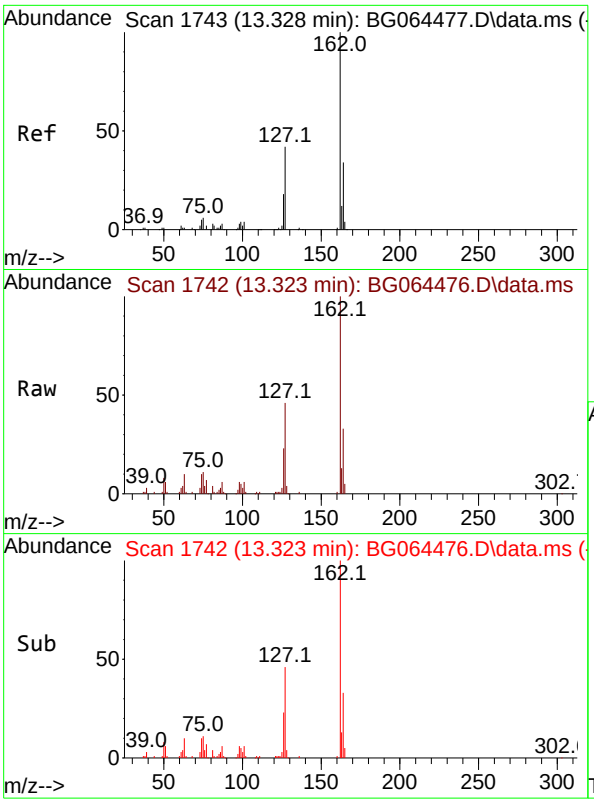


#46
1,1'-Biphenyl
Concen: 19.695 ng
RT: 13.281 min Scan# 1735
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:154 Resp: 92485

Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.7	60.7
76	9.3	0.0	29.3

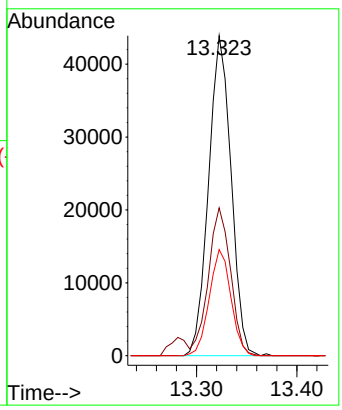




#47
2-Chloronaphthalene
Concen: 19.473 ng
RT: 13.323 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:162 Resp: 6827

Ion	Ratio	Lower	Upper
162	100		
127	46.2	35.8	53.8
164	33.2	27.2	40.8

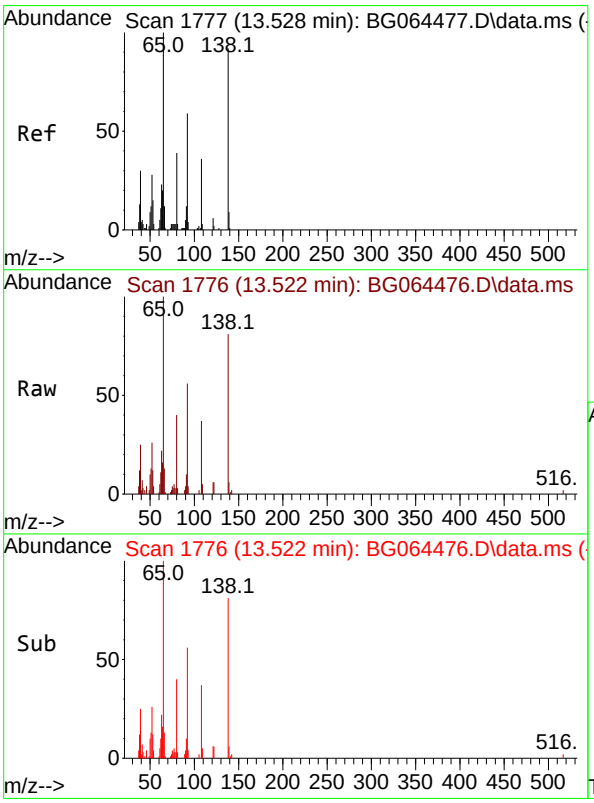


Instrument :
BNA_G
ClientSampleId :
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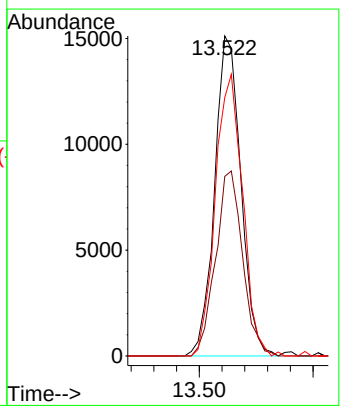
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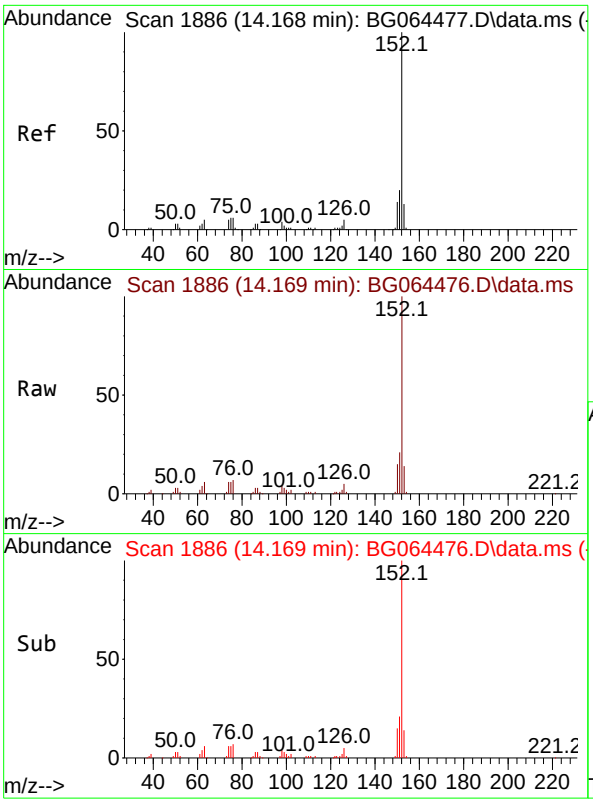


#48
2-Nitroaniline
Concen: 20.234 ng
RT: 13.522 min Scan# 1776
Delta R.T. -0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion: 65 Resp: 24212

Ion	Ratio	Lower	Upper
65	100		
92	56.1	47.0	70.6
138	80.7	73.5	110.3

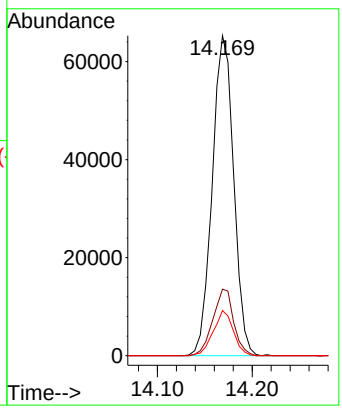




#49
Acenaphthylene
Concen: 19.727 ng
RT: 14.169 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:152 Resp: 10266

Ion	Ratio	Lower	Upper
152	100		
151	20.8	15.8	23.6
153	14.1	10.6	15.8

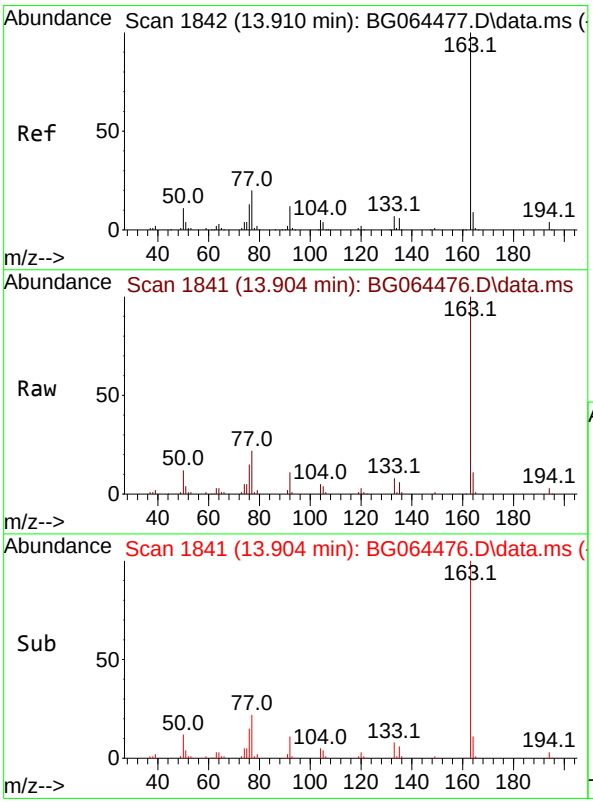


Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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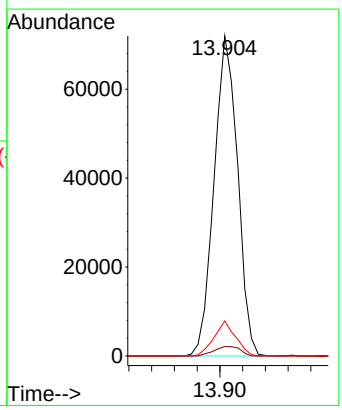
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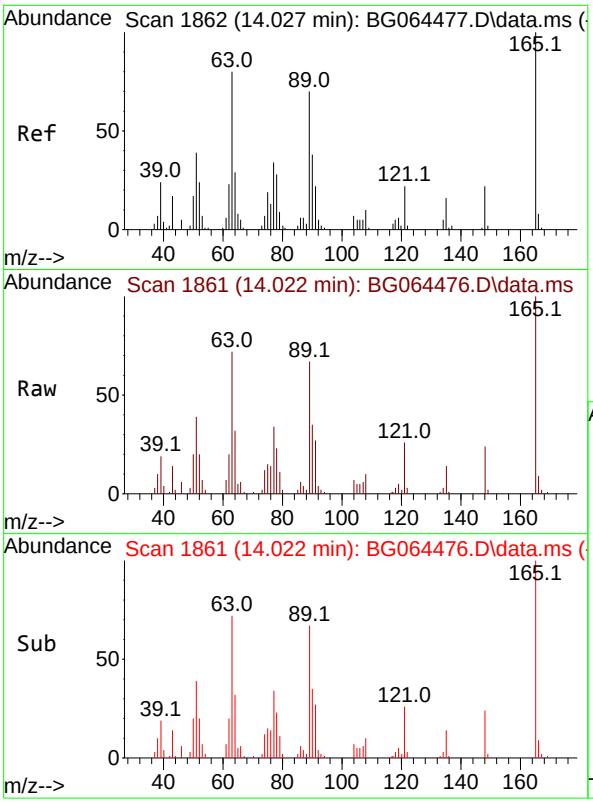


#50
Dimethylphthalate
Concen: 20.204 ng
RT: 13.904 min Scan# 1841
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:163 Resp: 103311

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.9	4.3
164	10.9	7.4	11.0

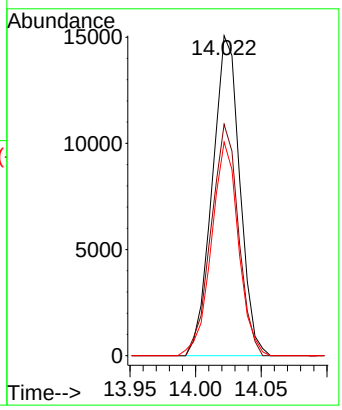




#51
2,6-Dinitrotoluene
Concen: 20.559 ng
RT: 14.022 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:165 Resp: 2189

Ion	Ratio	Lower	Upper
165	100		
63	72.3	63.9	95.9
89	66.8	56.1	84.1

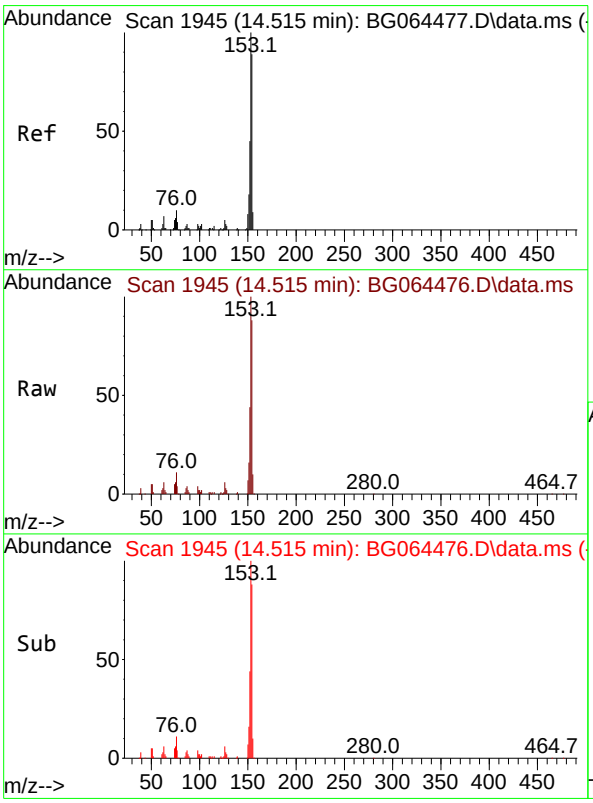


Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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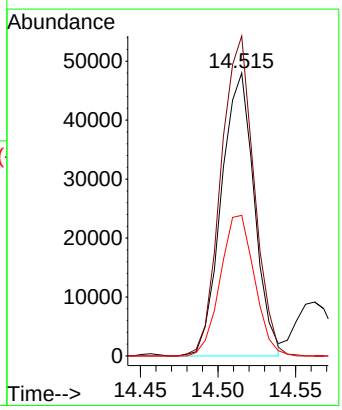
Supervised By :Jagrut Upadhyay
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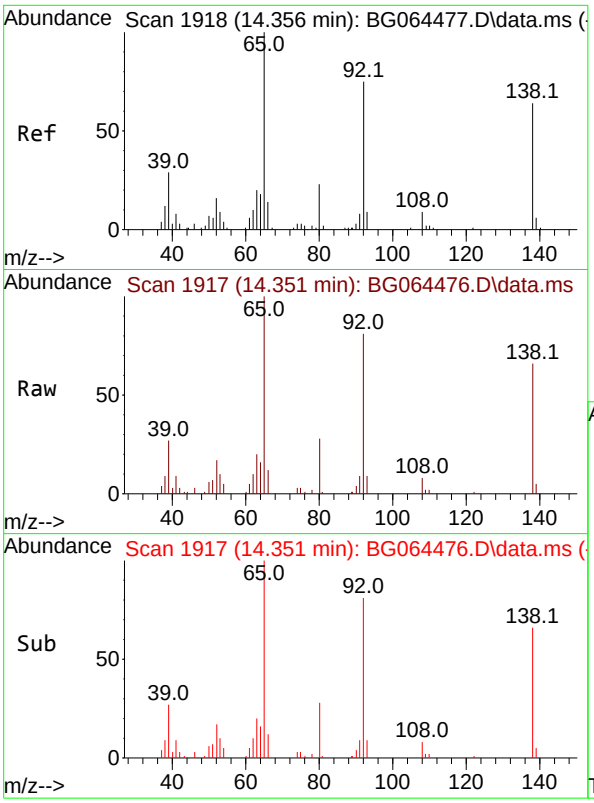


#52
Acenaphthene
Concen: 19.604 ng
RT: 14.515 min Scan# 1945
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:154 Resp: 70884

Ion	Ratio	Lower	Upper
154	100		
153	113.1	90.2	135.4
152	49.7	40.2	60.4

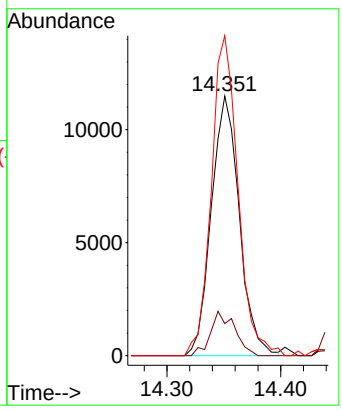




#53
3-Nitroaniline
Concen: 19.956 ng
RT: 14.351 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:138 Resp: 1960

Ion	Ratio	Lower	Upper
138	100		
108	12.4	10.6	15.8
92	123.2	93.2	139.8

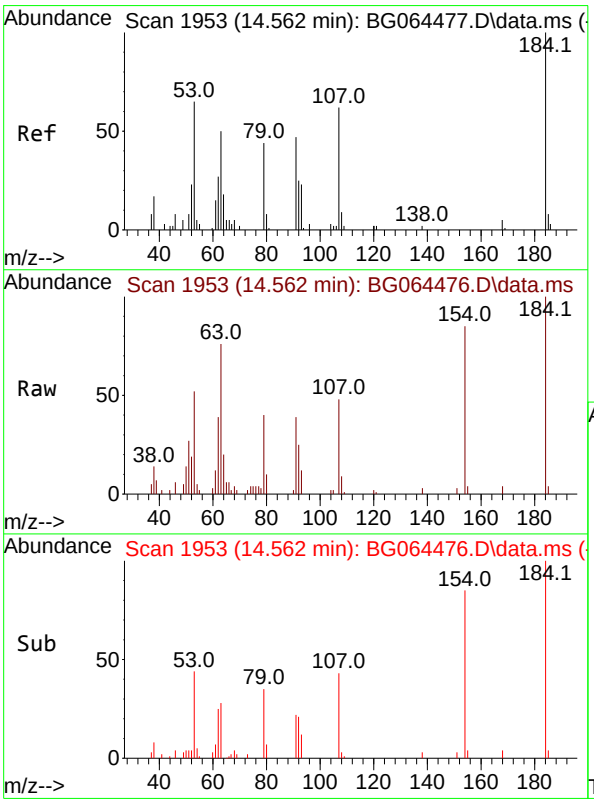


Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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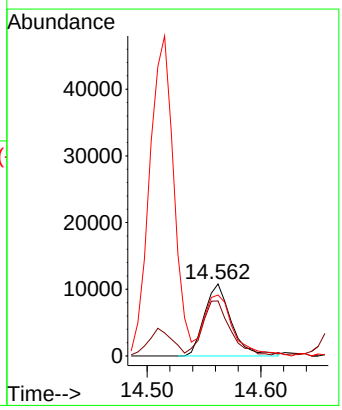
Supervised By :Jagrut Upadhyay
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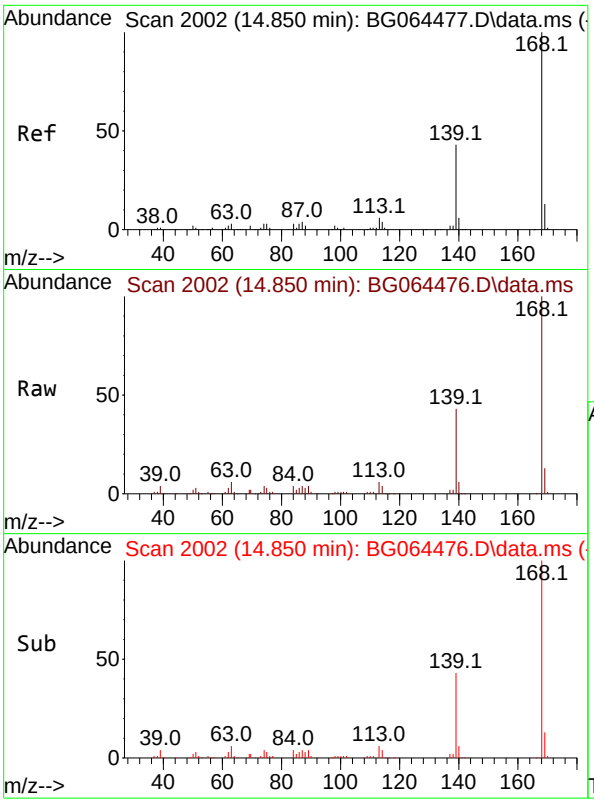


#54
2,4-Dinitrophenol
Concen: 22.843 ng
RT: 14.562 min Scan# 1953
Delta R.T. -0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:184 Resp: 17644

Ion	Ratio	Lower	Upper
184	100		
63	76.3	69.0	103.4
154	84.7	95.6	143.4#

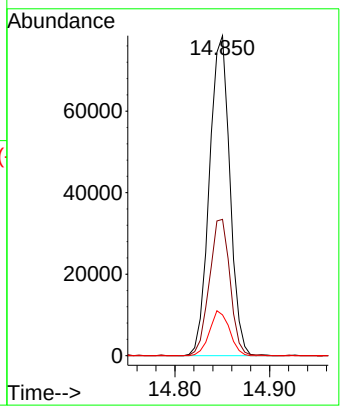




#55
Dibenzofuran
Concen: 19.680 ng
RT: 14.850 min Scan# 2(
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:168 Resp: 11749(

Ion	Ratio	Lower	Upper
168	100		
139	42.6	34.0	51.0
169	12.8	10.2	15.2

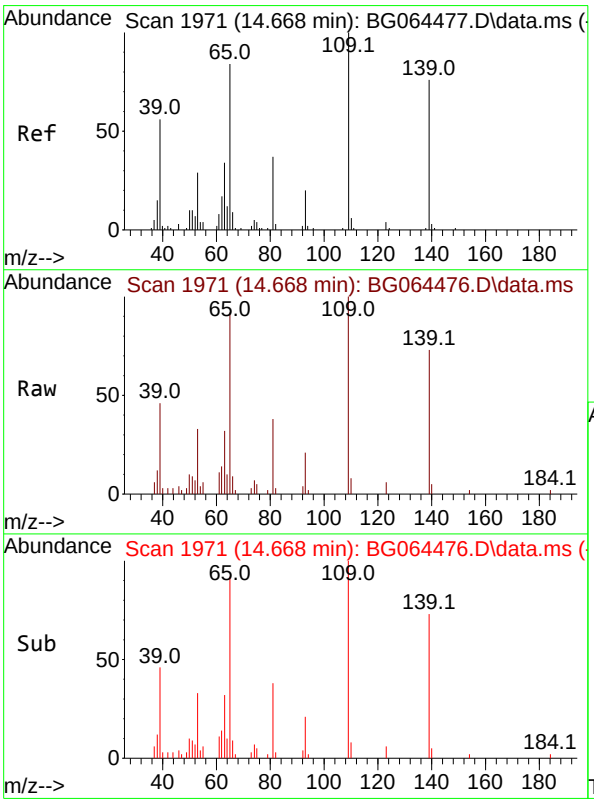


Instrument :
BNA_G
ClientSampleId :
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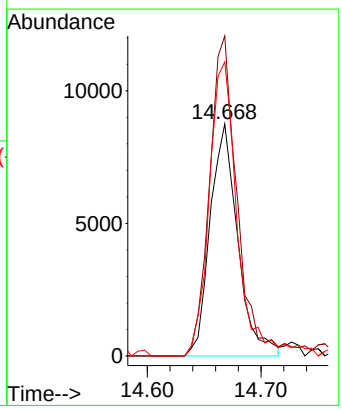
Supervised By :Jagrut Upadhyay
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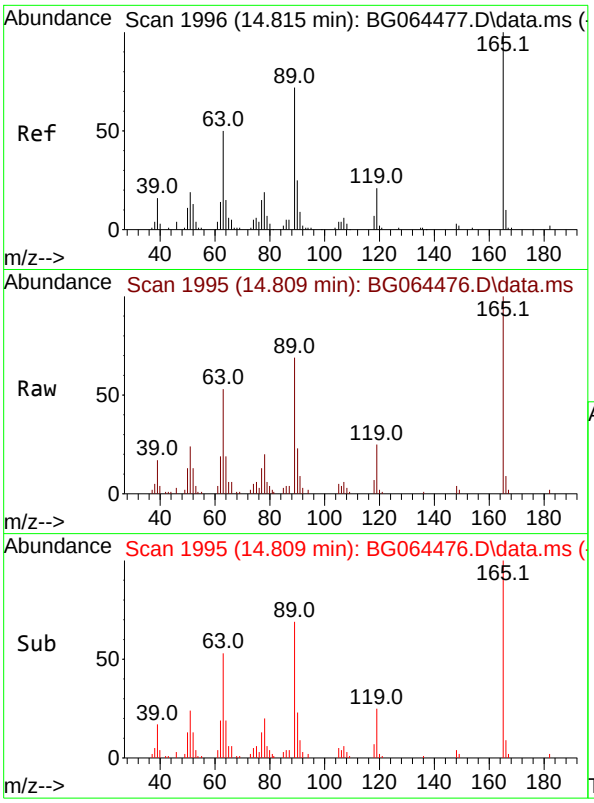


#56
4-Nitrophenol
Concen: 19.183 ng
RT: 14.668 min Scan# 1971
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:139 Resp: 14837

Ion	Ratio	Lower	Upper
139	100		
109	137.9	111.8	151.8
65	126.7	91.1	131.1

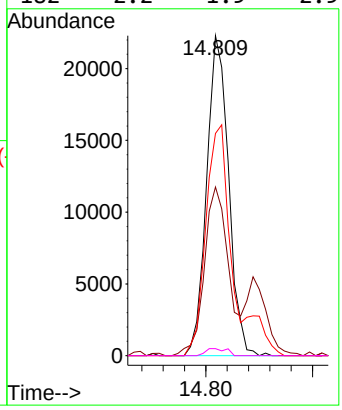




#57
2,4-Dinitrotoluene
Concen: 19.567 ng
RT: 14.809 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:165 Resp: 3186

Ion	Ratio	Lower	Upper
165	100		
63	52.7	40.4	60.6
89	69.5	57.3	85.9
182	2.2	1.9	2.9

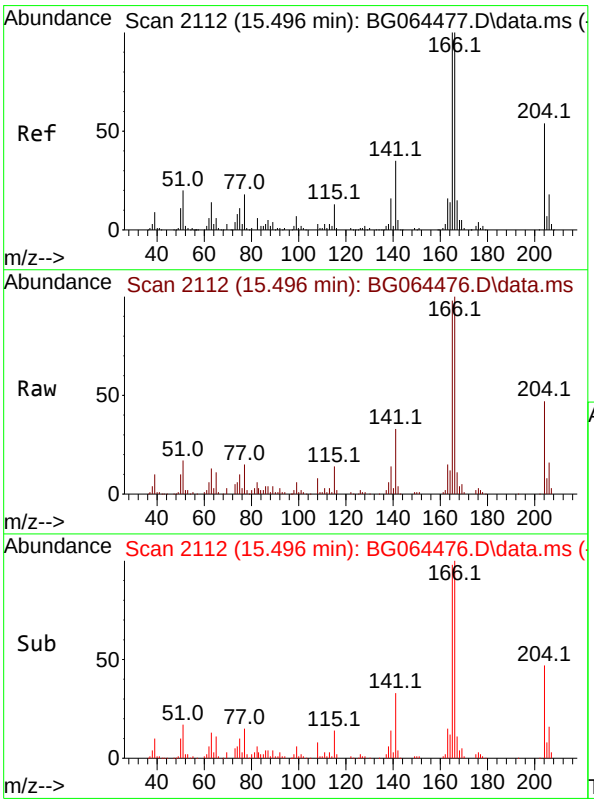


Instrument :
BNA_G
ClientSampleId :
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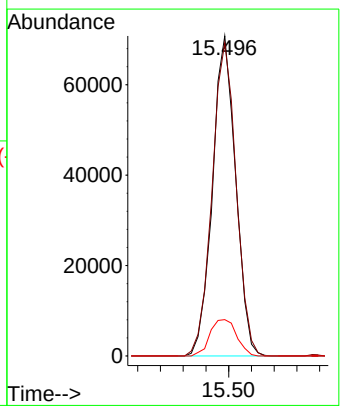
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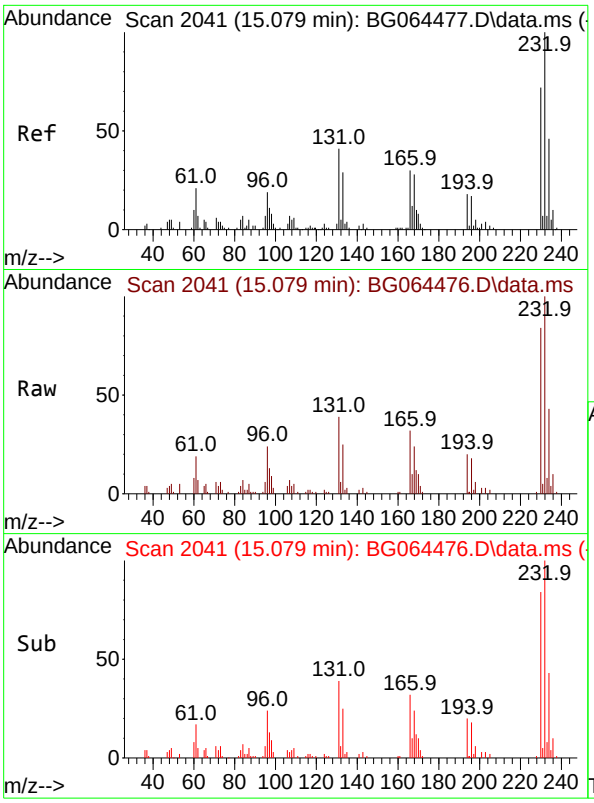


#58
Fluorene
Concen: 20.190 ng
RT: 15.496 min Scan# 2112
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:166 Resp: 100209

Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.8	119.6
167	11.4	11.7	17.5#

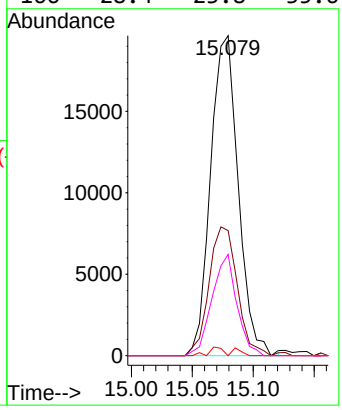




#59
2,3,4,6-Tetrachlorophenol
Concen: 20.205 ng
RT: 15.079 min Scan# 2
Delta R.T. 0.008 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:232 Resp: 3102

Ion	Ratio	Lower	Upper
232	100		
131	41.2	35.0	52.4
130	1.3	2.0	3.0
166	28.4	23.8	35.6

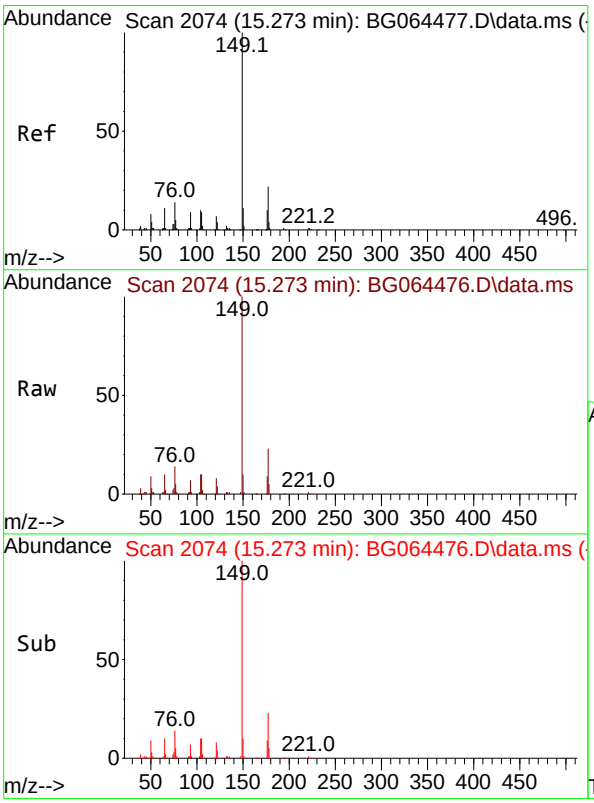


Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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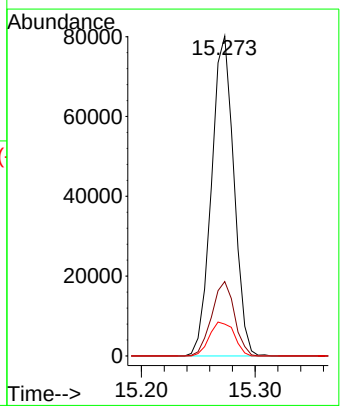
Supervised By :Jagrut Upadhyay
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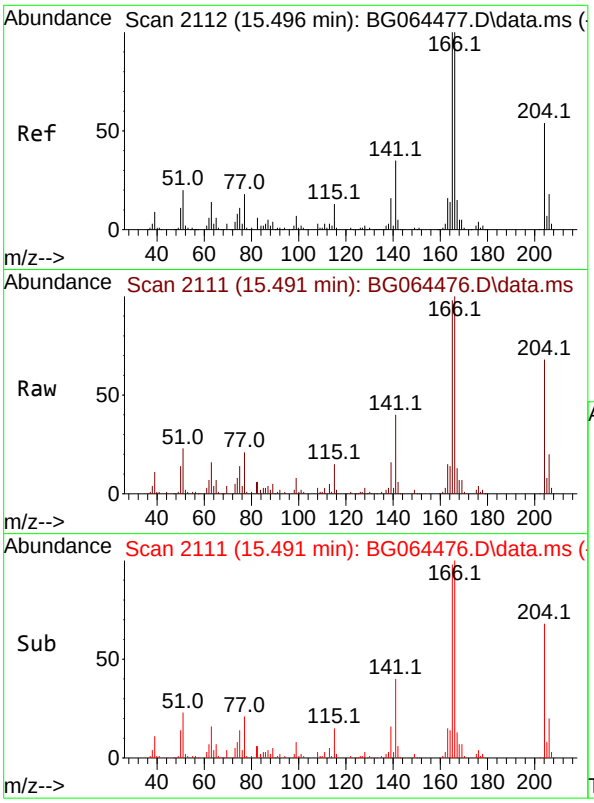


#60
Diethylphthalate
Concen: 19.981 ng
RT: 15.273 min Scan# 2074
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:149 Resp: 109604

Ion	Ratio	Lower	Upper
149	100		
177	23.3	17.4	26.0
150	10.0	9.1	13.7

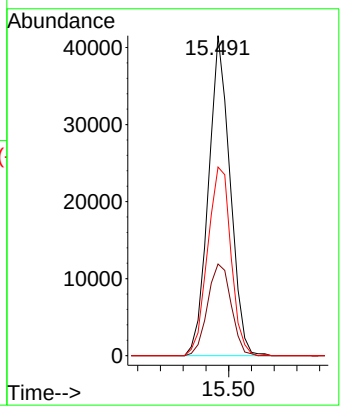




#61
4-Chlorophenyl-phenylether
Concen: 20.205 ng
RT: 15.491 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:204 Resp: 5475

Ion	Ratio	Lower	Upper
204	100		
206	28.6	27.1	40.7
141	58.9	51.5	77.3

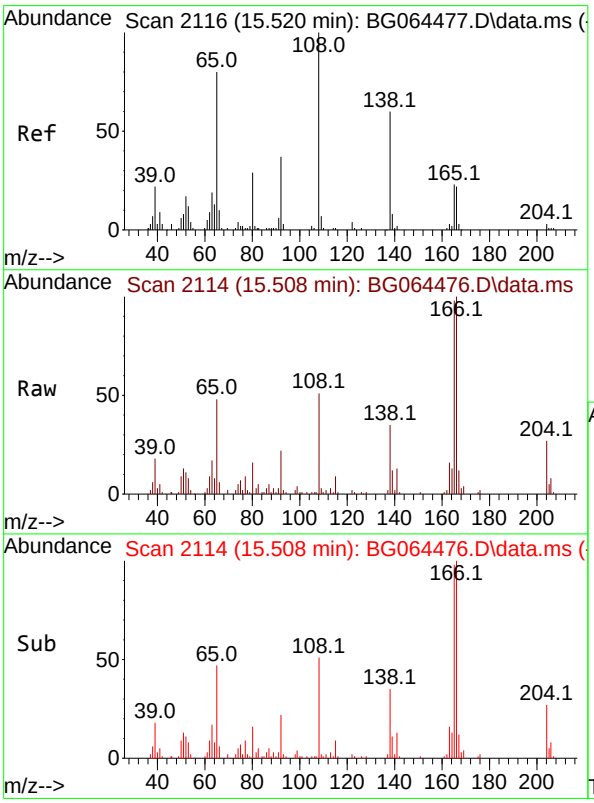


Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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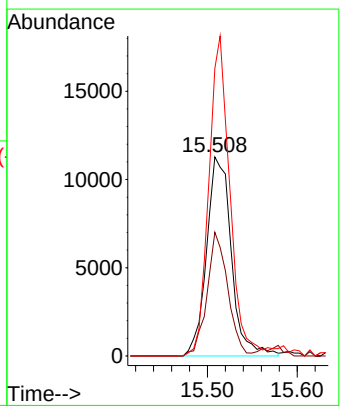
Supervised By :Jagrut Upadhyay
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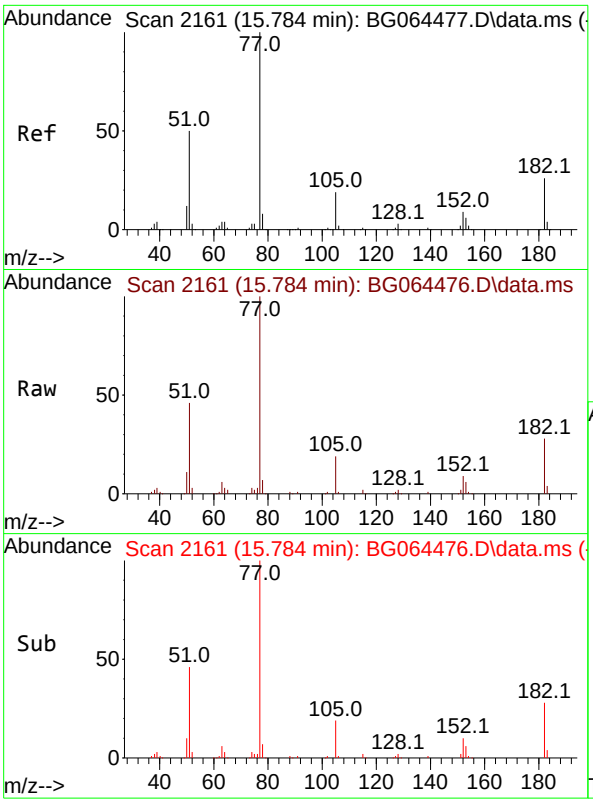


#62
4-Nitroaniline
Concen: 21.091 ng
RT: 15.508 min Scan# 2114
Delta R.T. -0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:138 Resp: 21595

Ion	Ratio	Lower	Upper
138	100		
92	62.2	42.3	82.3
108	144.5	147.7	187.7#

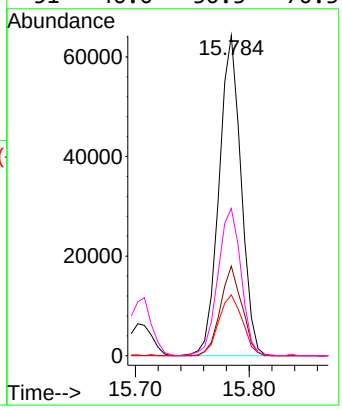




#63
Azobenzene
Concen: 20.370 ng
RT: 15.784 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion: 77 Resp: 8653

Ion	Ratio	Lower	Upper
77	100		
182	28.0	6.3	46.3
105	19.0	0.0	38.7
51	46.0	30.3	70.3

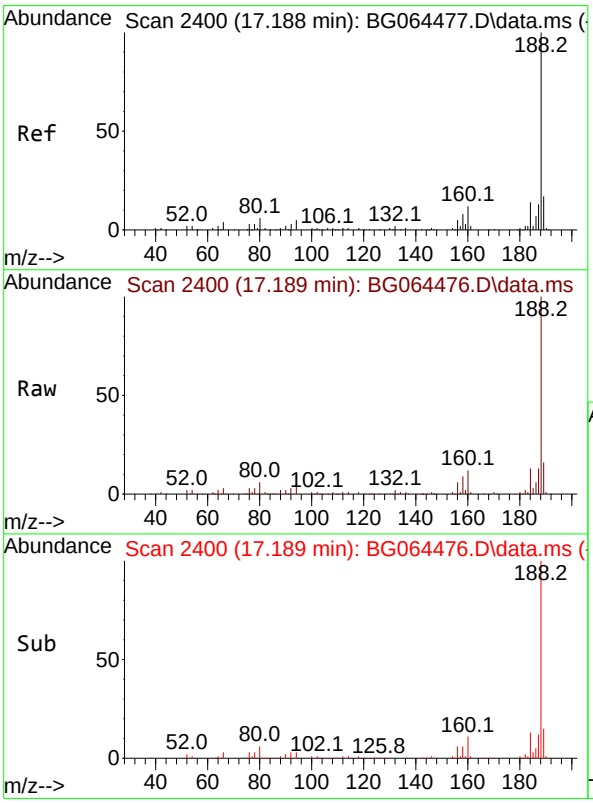


Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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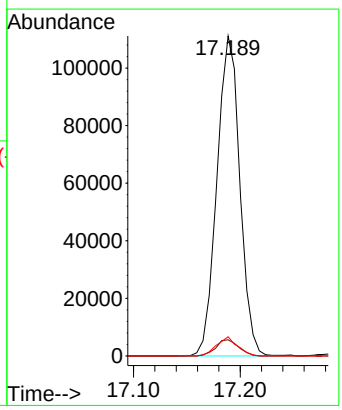
Supervised By :Jagrut Upadhyay
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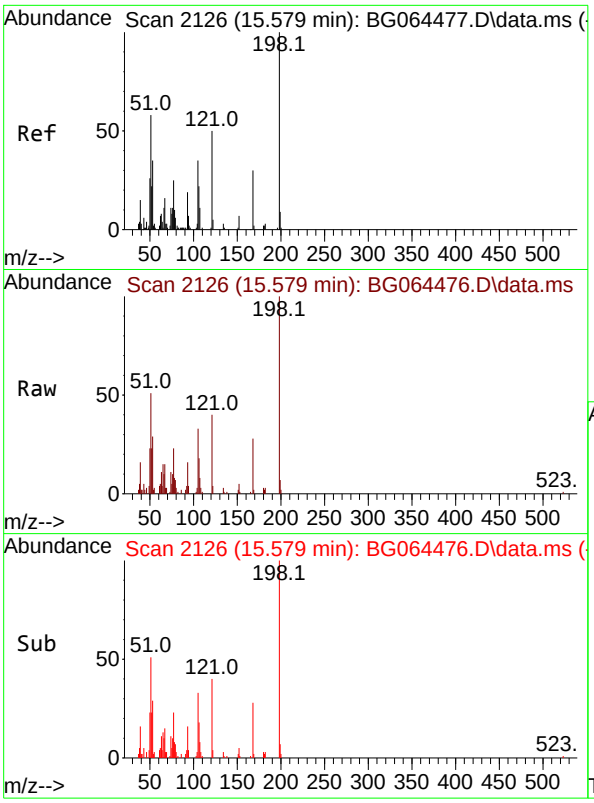


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2400
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:188 Resp: 165571

Ion	Ratio	Lower	Upper
188	100		
94	5.0	3.7	5.5
80	6.0	4.5	6.7

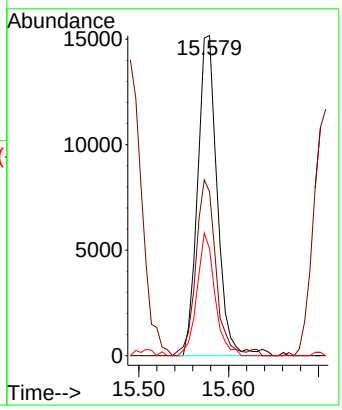




#65
4,6-Dinitro-2-methylphenol
Concen: 19.942 ng
RT: 15.579 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:198 Resp: 2298

Ion	Ratio	Lower	Upper
198	100		
51	51.2	39.0	79.0
105	33.4	15.8	55.8

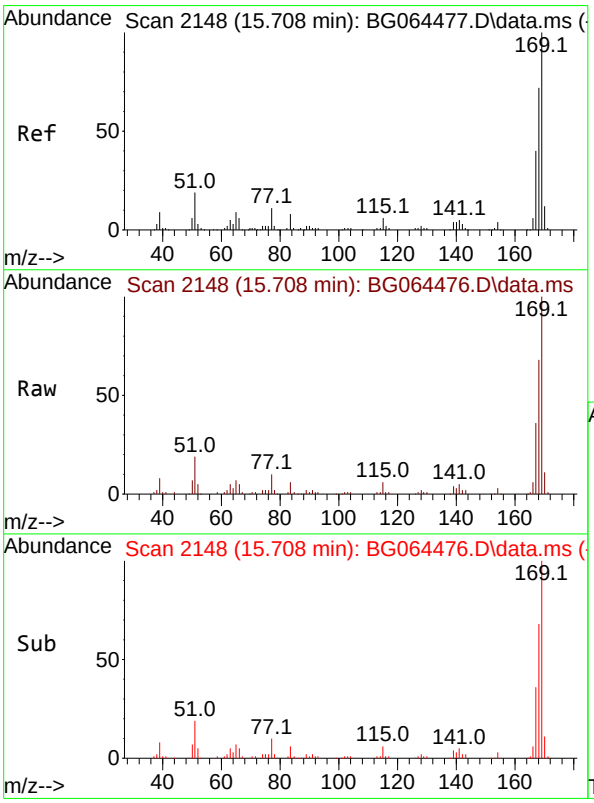


Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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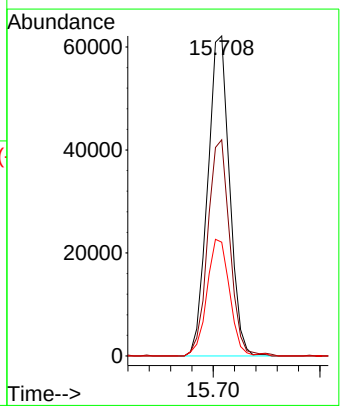
Supervised By :Jagrut Upadhyay
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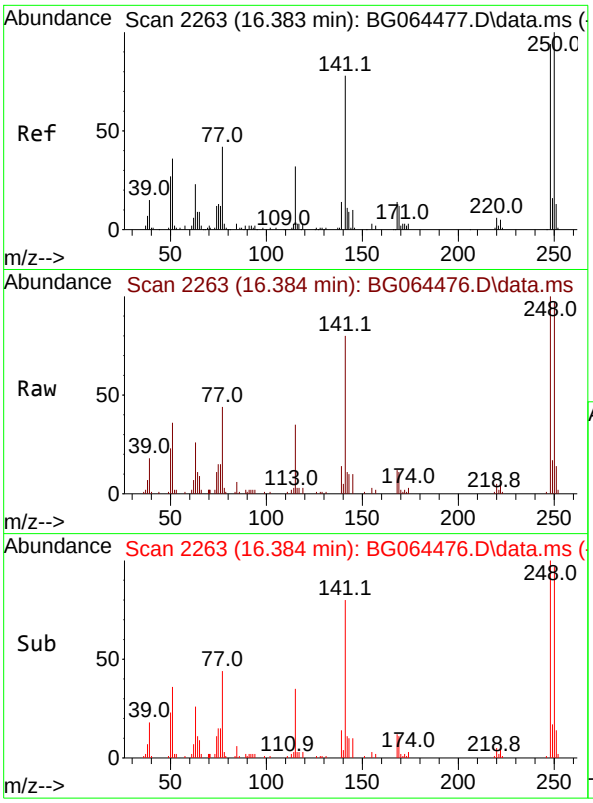


#66
n-Nitrosodiphenylamine
Concen: 19.986 ng
RT: 15.708 min Scan# 2148
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:169 Resp: 88367

Ion	Ratio	Lower	Upper
169	100		
168	67.5	57.8	86.6
167	35.6	31.7	47.5

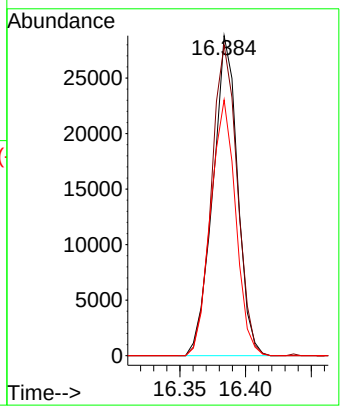




#67
4-Bromophenyl-phenylether
Concen: 19.310 ng
RT: 16.384 min Scan# 2
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:248 Resp: 3762

Ion	Ratio	Lower	Upper
248	100		
250	97.2	85.3	127.9
141	79.9	66.2	99.2

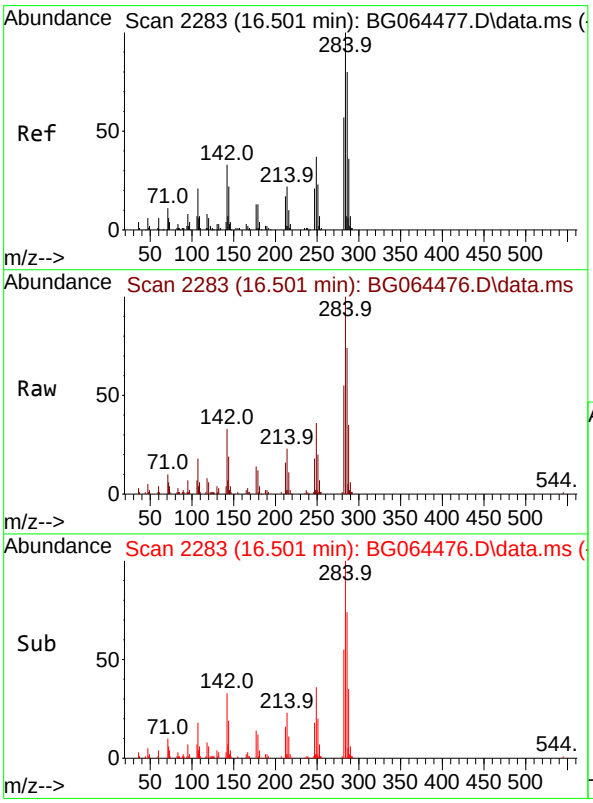


Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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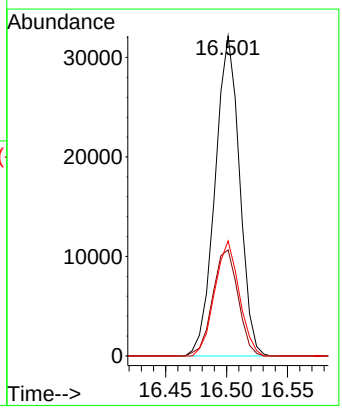
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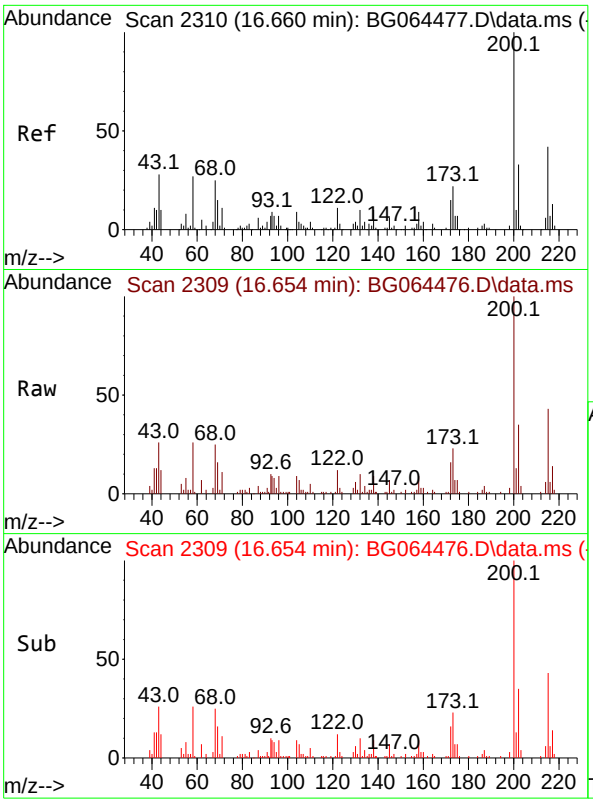


#68
Hexachlorobenzene
Concen: 20.185 ng
RT: 16.501 min Scan# 2283
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:284 Resp: 45002

Ion	Ratio	Lower	Upper
284	100		
142	33.1	26.2	39.2
249	36.0	29.4	44.0

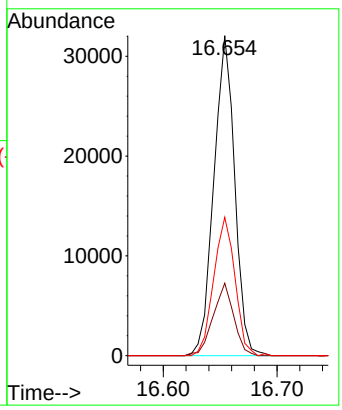




#69
Atrazine
Concen: 20.769 ng
RT: 16.654 min Scan# 2
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:200 Resp: 4085

Ion	Ratio	Lower	Upper
200	100		
173	22.7	2.5	42.5
215	43.3	21.5	61.5

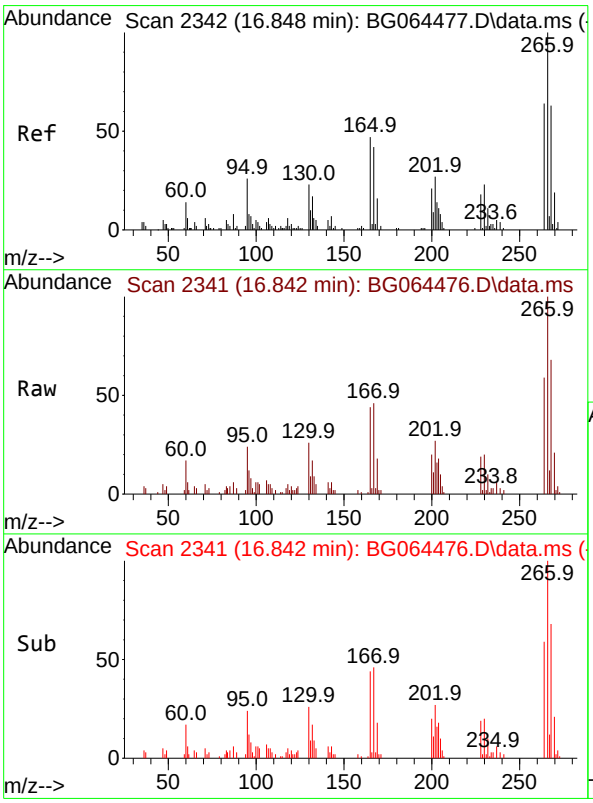


Instrument :
BNA_G
ClientSampleId :
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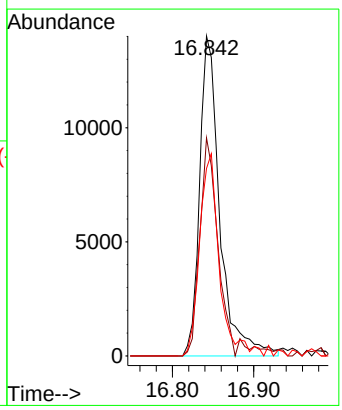
Supervised By :Jagrut Upadhyay
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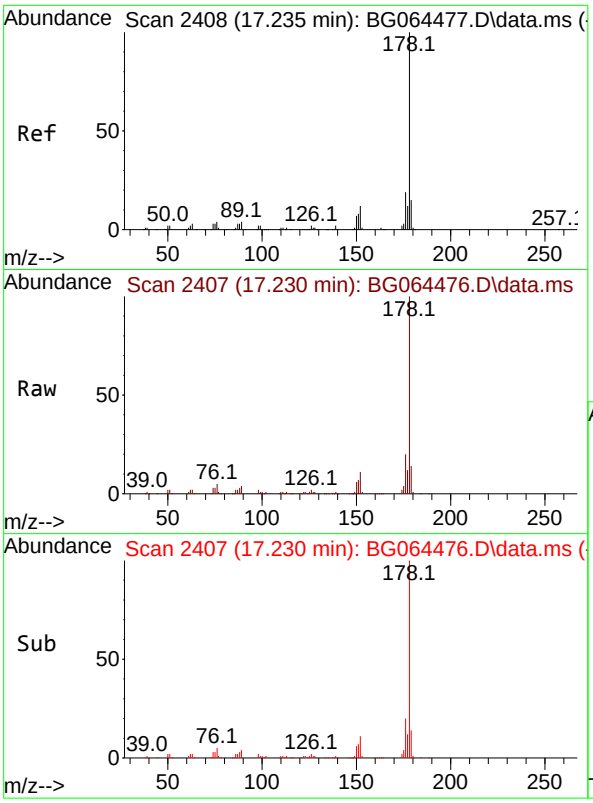


#70
Pentachlorophenol
Concen: 18.593 ng
RT: 16.842 min Scan# 2341
Delta R.T. -0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:266 Resp: 24237

Ion	Ratio	Lower	Upper
266	100		
268	68.1	50.6	75.8
264	58.6	51.2	76.8

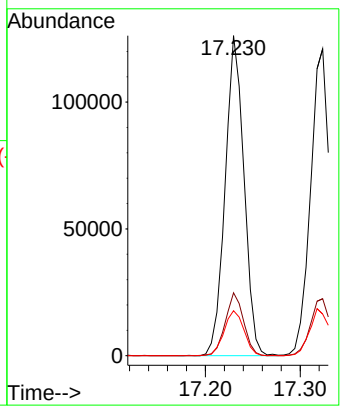




#71
Phenanthrene
Concen: 20.165 ng
RT: 17.230 min Scan# 24
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:178 Resp: 17459

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.2	22.8
179	14.1	11.8	17.6

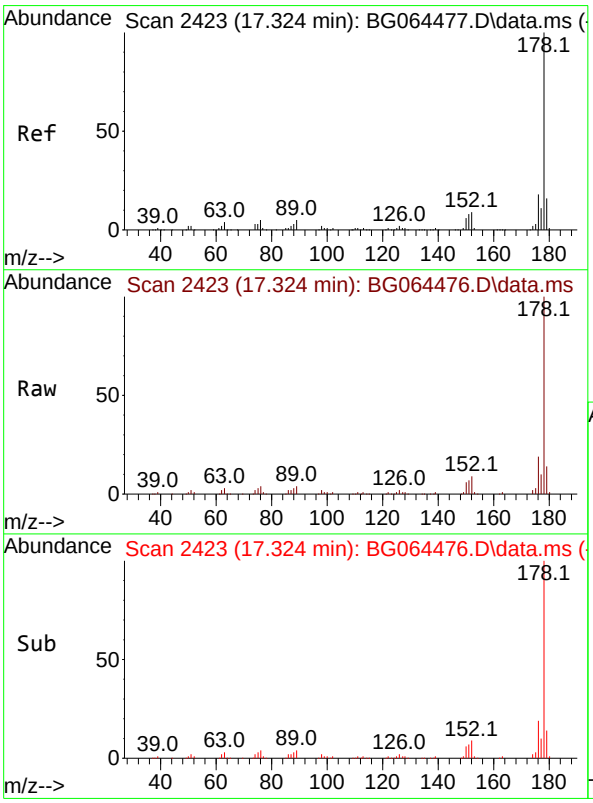


Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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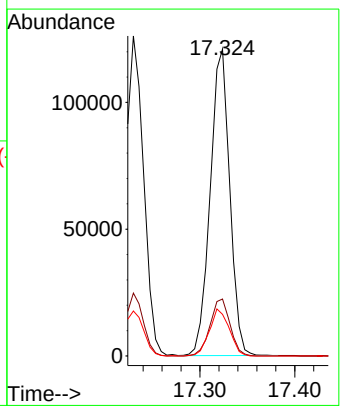
Supervised By :Jagrut Upadhyay
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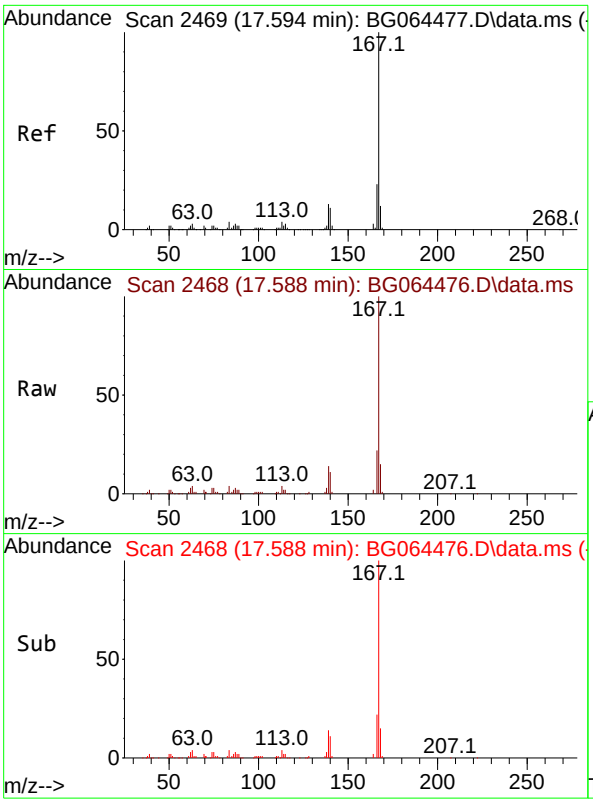


#72
Anthracene
Concen: 19.904 ng
RT: 17.324 min Scan# 2423
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:178 Resp: 172893

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	21.8
179	13.6	12.5	18.7

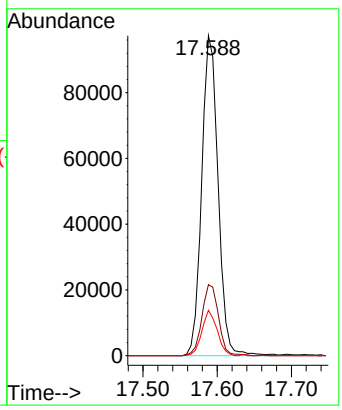




#73
Carbazole
Concen: 19.939 ng
RT: 17.588 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:167 Resp: 14971(

Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.6	27.8
139	14.2	10.2	15.4

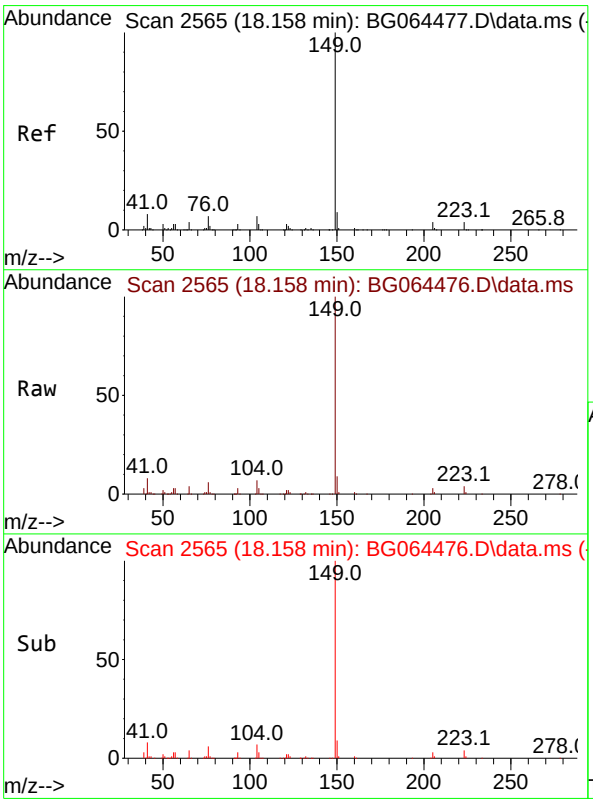


Instrument :
BNA_G
ClientSampleId :
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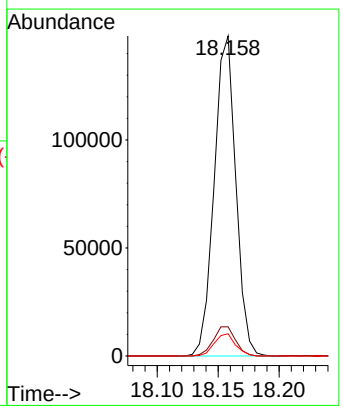
Supervised By :Jagrut Upadhyay
10/03/2025

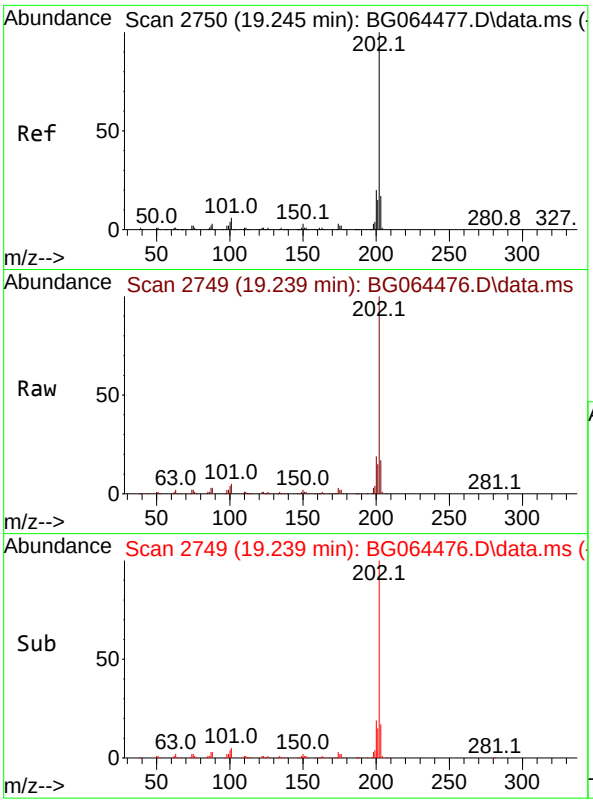


#74
Di-n-butylphthalate
Concen: 19.955 ng
RT: 18.158 min Scan# 2565
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:149 Resp: 182903

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.2
104	6.9	5.3	7.9

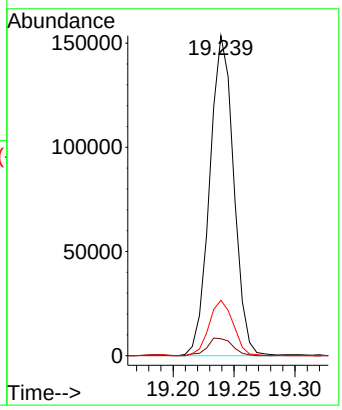




#75
Fluoranthene
Concen: 20.363 ng
RT: 19.239 min Scan# 2
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:202 Resp: 21063

Ion	Ratio	Lower	Upper
202	100		
101	5.3	0.0	25.7
203	17.3	0.0	36.6

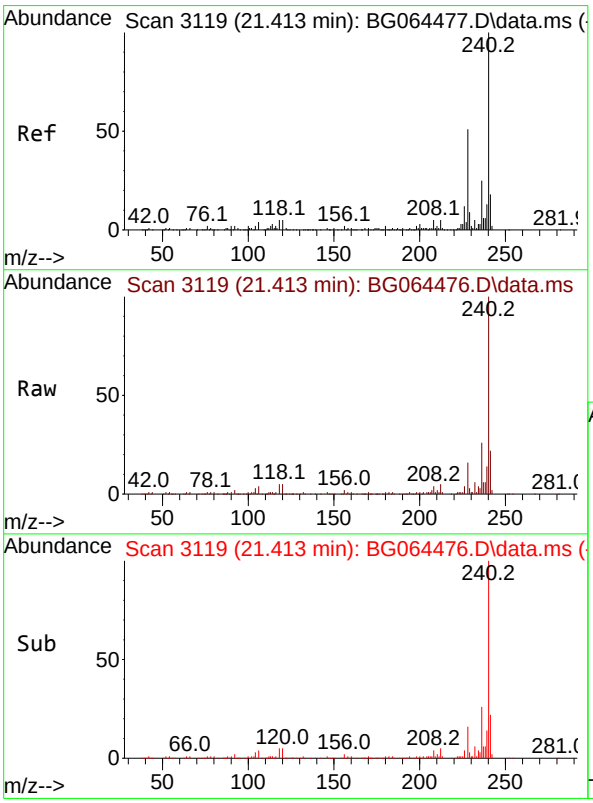


Instrument :
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ClientSampleId :
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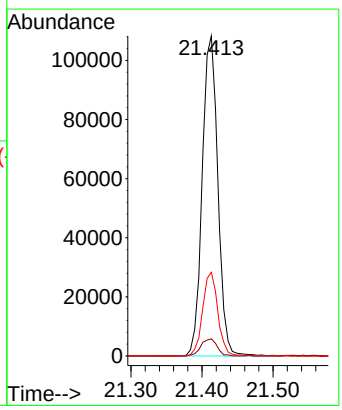
Supervised By :Jagrut Upadhyay
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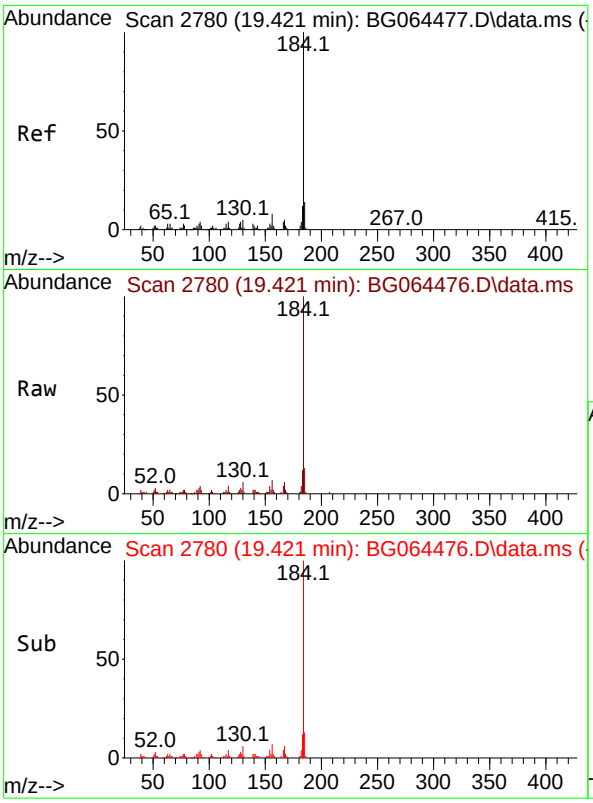


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.413 min Scan# 3119
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:240 Resp: 165934

Ion	Ratio	Lower	Upper
240	100		
120	5.4	4.3	6.5
236	26.1	20.4	30.6

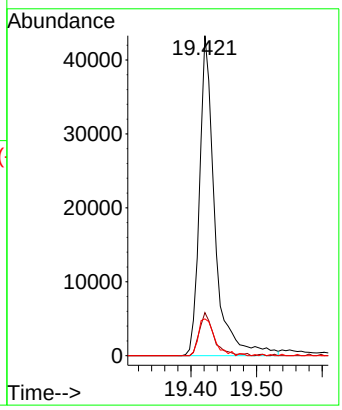




#77
Benzidine
Concen: 17.050 ng
RT: 19.421 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:184 Resp: 7039

Ion	Ratio	Lower	Upper
184	100		
185	13.4	10.9	16.3
183	11.5	9.8	14.6

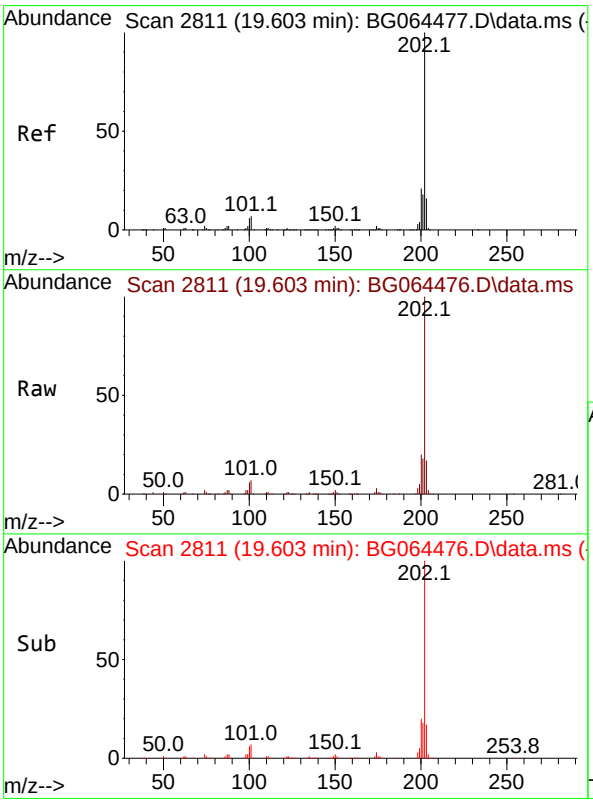


Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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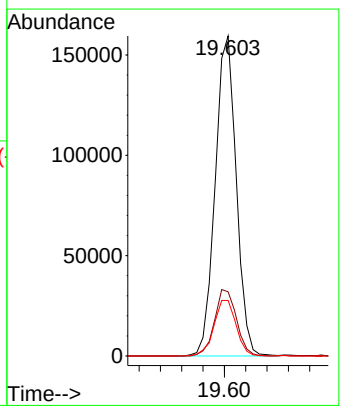
Supervised By :Jagrut Upadhyay
10/03/2025

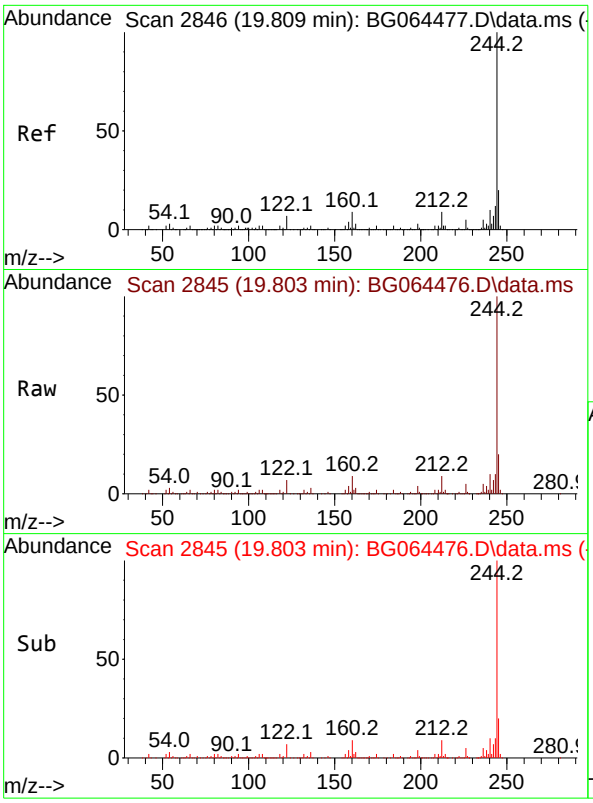


#78
Pyrene
Concen: 20.286 ng
RT: 19.603 min Scan# 2811
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:202 Resp: 218448

Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.0	25.4
203	17.4	13.0	19.4

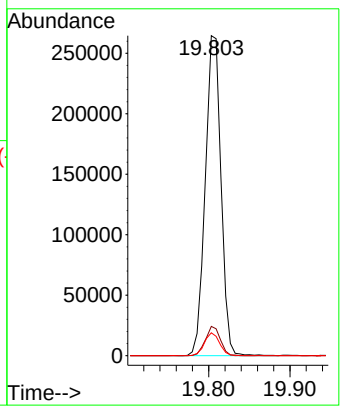




#79
Terphenyl-d14
Concen: 40.467 ng
RT: 19.803 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:244 Resp: 35481

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.0	10.6
122	7.1	5.6	8.4

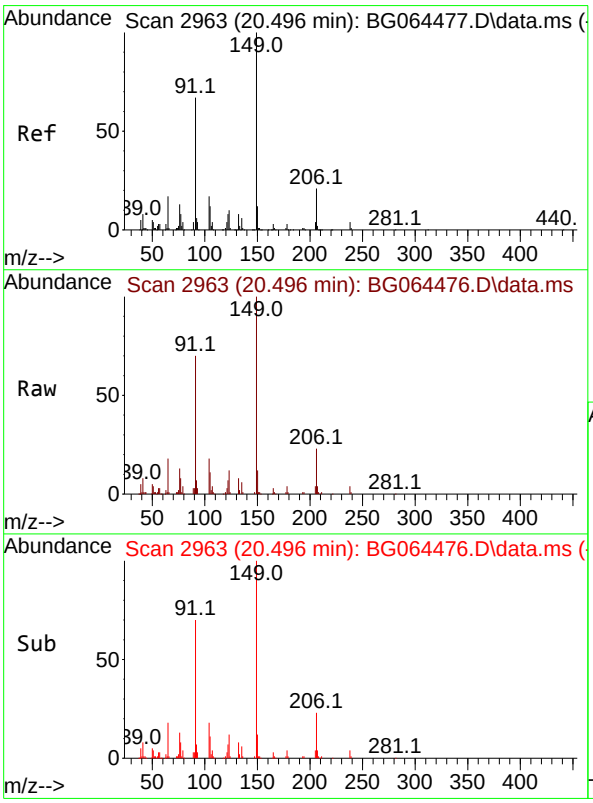


Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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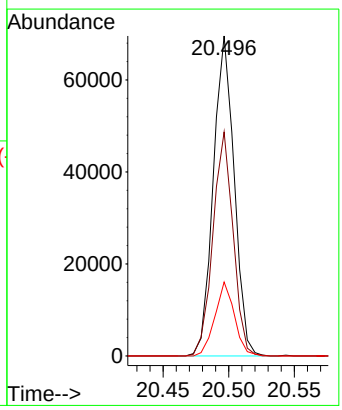
Supervised By :Jagrut Upadhyay
10/03/2025

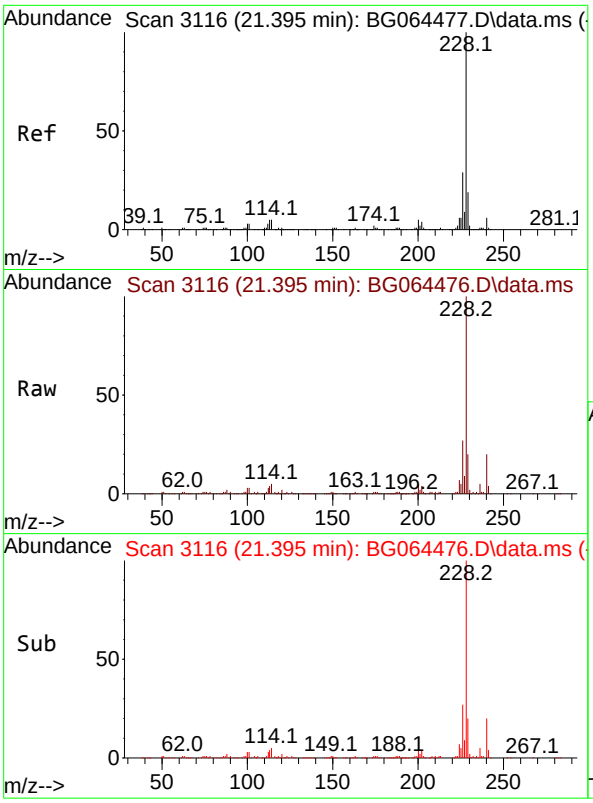


#80
Butylbenzylphthalate
Concen: 20.174 ng
RT: 20.496 min Scan# 2963
Delta R.T. -0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:149 Resp: 77010

Ion	Ratio	Lower	Upper
149	100		
91	70.0	53.7	80.5
206	23.1	16.6	24.8

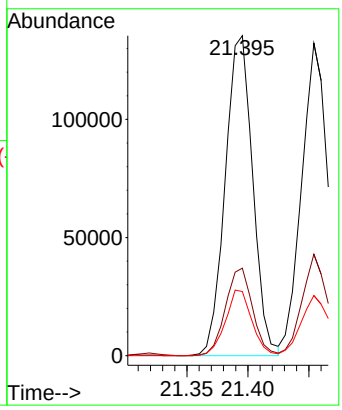




#81
Benzo(a)anthracene
Concen: 20.119 ng
RT: 21.395 min Scan# 3
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:228 Resp: 21316

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.8	34.2
229	20.1	15.2	22.8

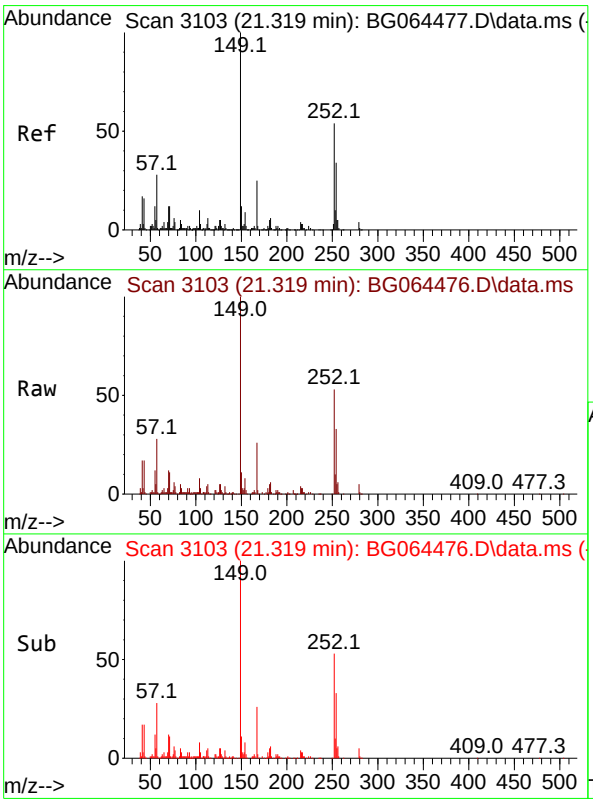


Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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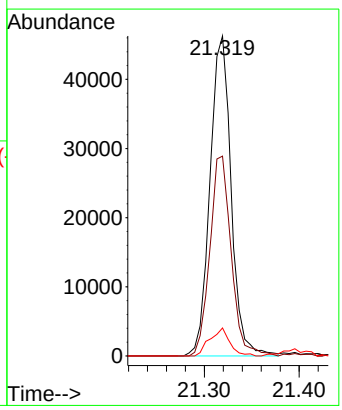
Supervised By :Jagrut Upadhyay
10/03/2025

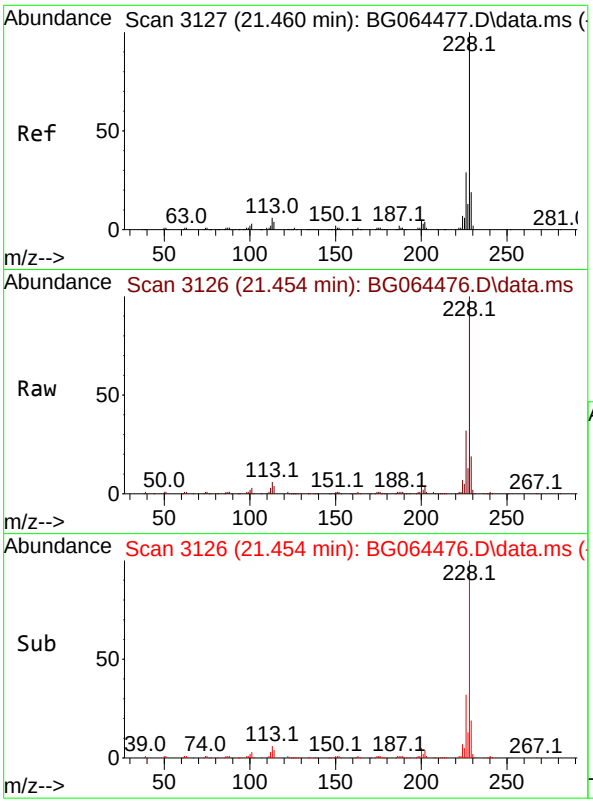


#82
3,3'-Dichlorobenzidine
Concen: 19.958 ng
RT: 21.319 min Scan# 3103
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:252 Resp: 71567

Ion	Ratio	Lower	Upper
252	100		
254	62.4	50.5	75.7
126	8.7	7.1	10.7

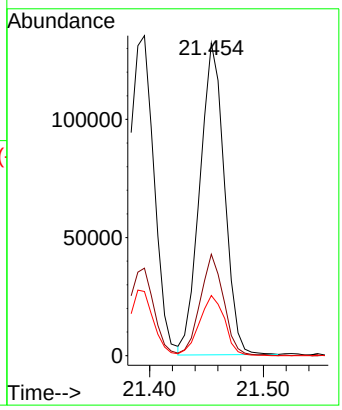




#83
Chrysene
Concen: 19.732 ng
RT: 21.454 min Scan# 3
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:228 Resp: 19826

Ion	Ratio	Lower	Upper
228	100		
226	32.4	22.8	34.2
229	19.3	15.4	23.0

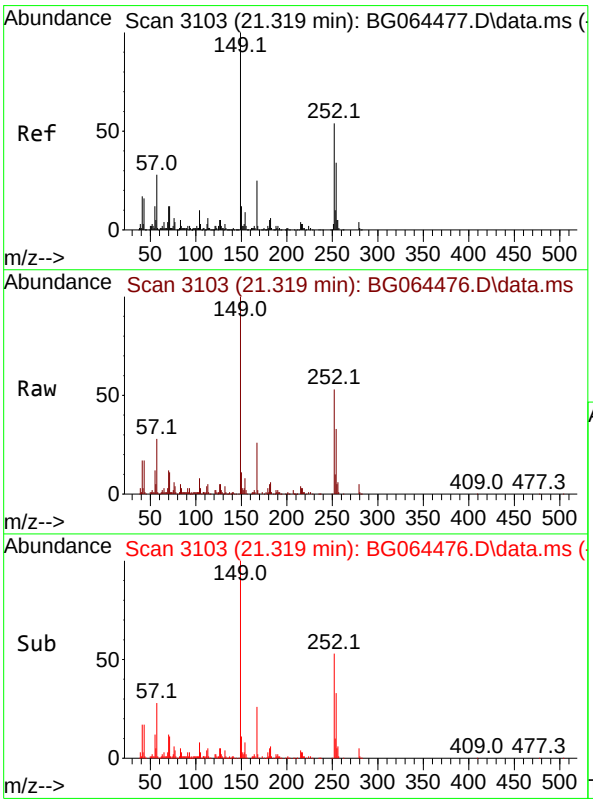


Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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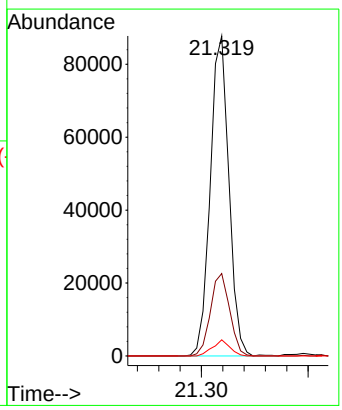
Supervised By :Jagrut Upadhyay
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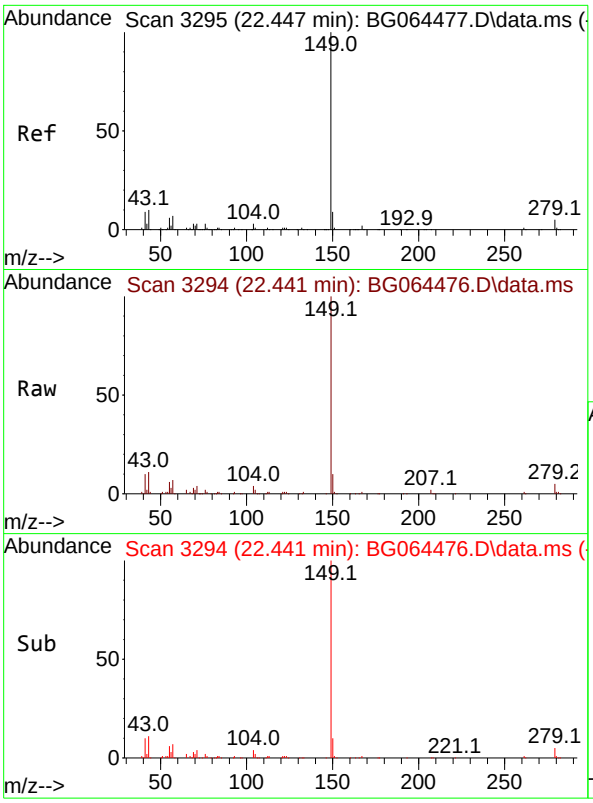


#84
Bis(2-ethylhexyl)phthalate
Concen: 19.731 ng
RT: 21.319 min Scan# 3103
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:149 Resp: 106271

Ion	Ratio	Lower	Upper
149	100		
167	25.7	19.7	29.5
279	5.0	3.4	5.2

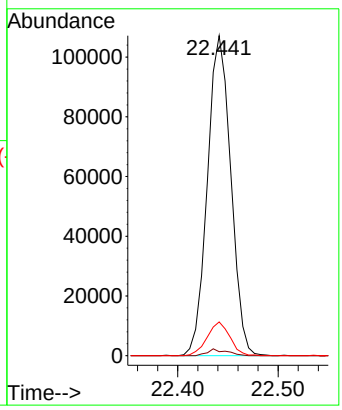




#85
Di-n-octyl phthalate
Concen: 19.247 ng
RT: 22.441 min Scan# 3
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:149 Resp: 17422

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.2	7.9	11.9

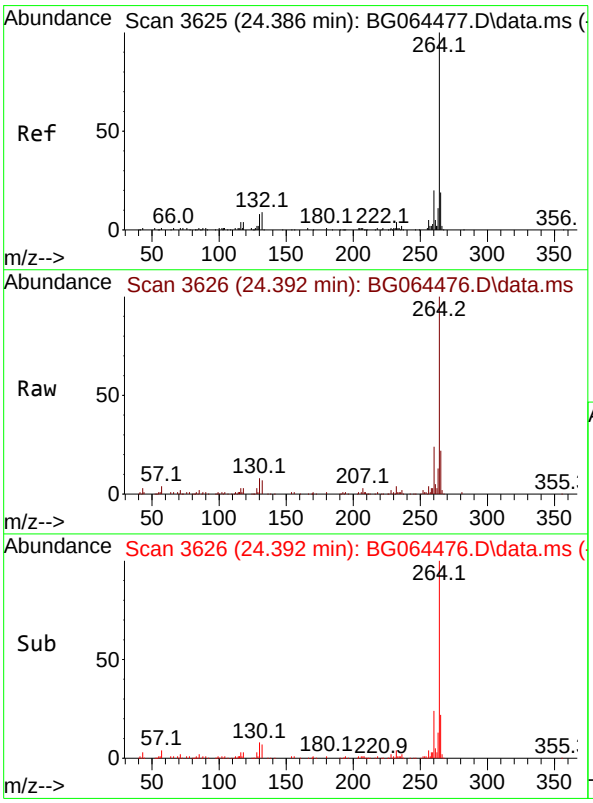


Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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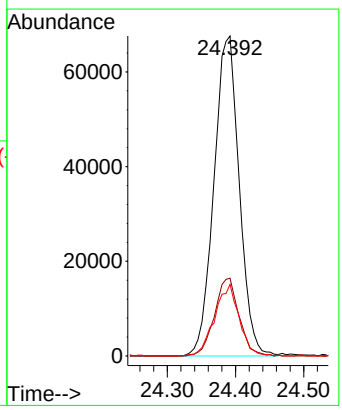
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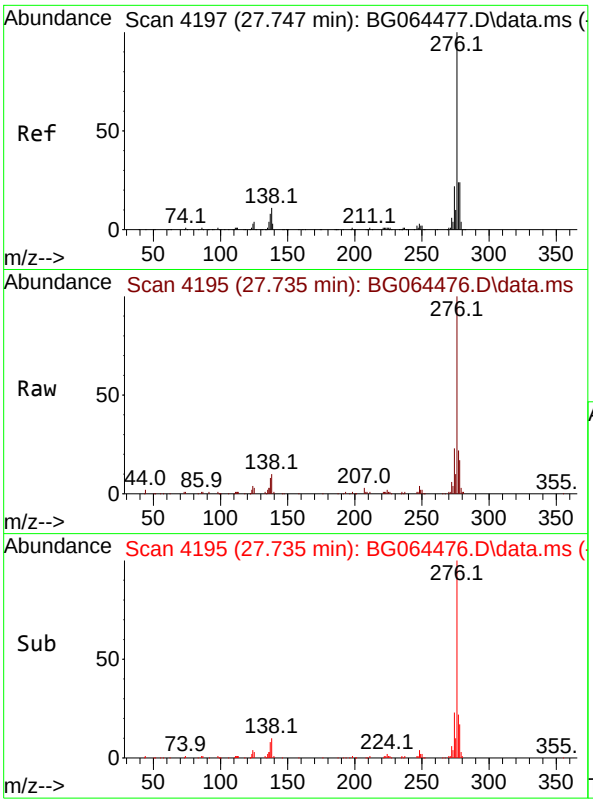


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.392 min Scan# 3626
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:264 Resp: 174482

Ion	Ratio	Lower	Upper
264	100		
260	24.3	16.2	24.4
265	22.4	15.0	22.4

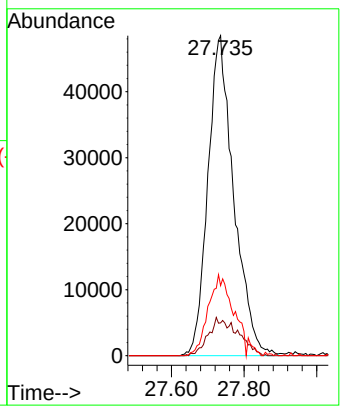




#87
Indeno(1,2,3-cd)pyrene
Concen: 19.796 ng
RT: 27.735 min Scan# 4
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:276 Resp: 24042

Ion	Ratio	Lower	Upper
276	100		
138	13.5	10.8	16.2
277	24.2	20.3	30.5

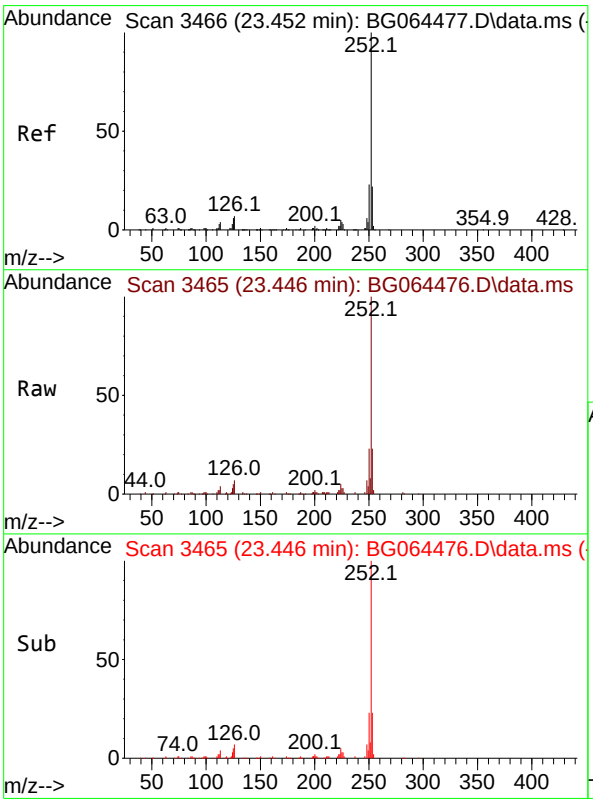


Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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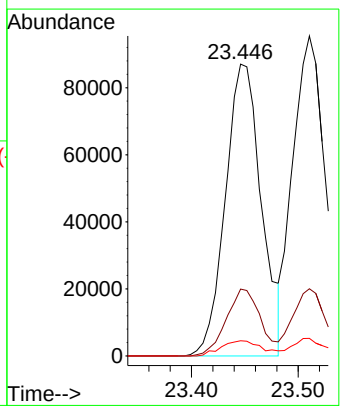
Supervised By :Jagrut Upadhyay
10/03/2025

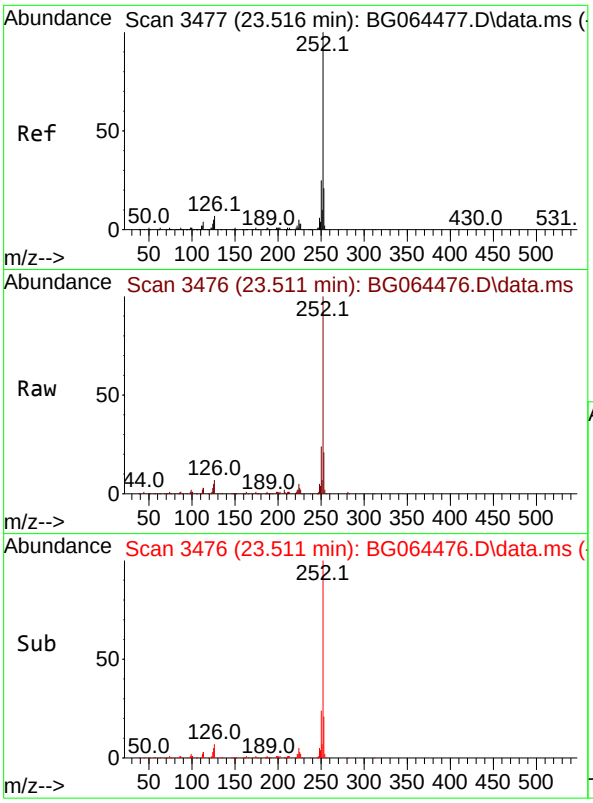


#88
Benzo(b)fluoranthene
Concen: 20.591 ng
RT: 23.446 min Scan# 3465
Delta R.T. -0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:252 Resp: 204393

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	5.2	4.5	6.7

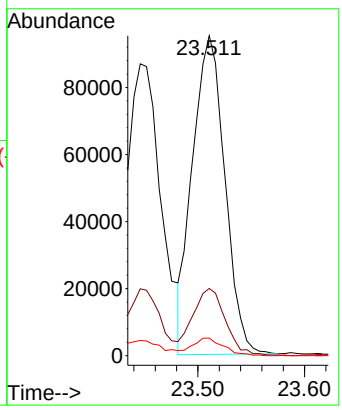




#89
Benzo(k)fluoranthene
Concen: 19.991 ng
RT: 23.511 min Scan# 34
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:252 Resp: 19985

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.4	26.2
125	5.5	4.0	6.0

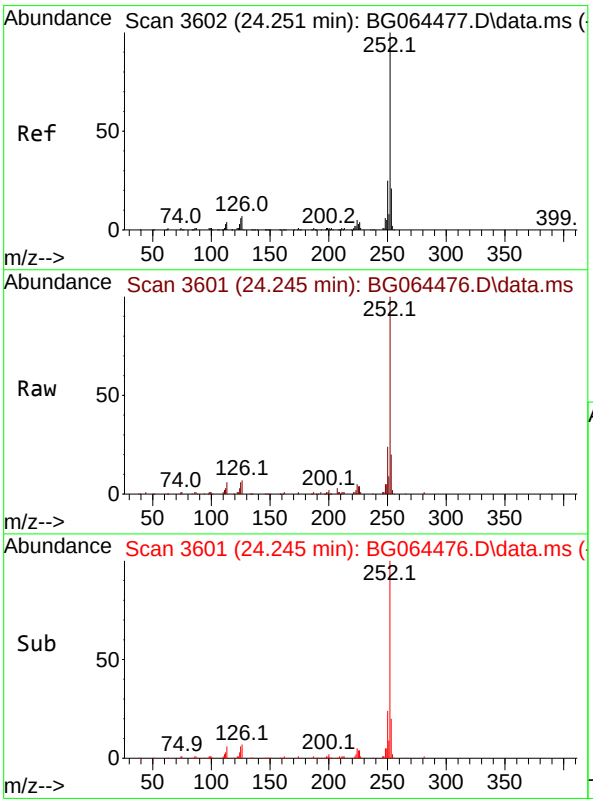


Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli
10/03/2025

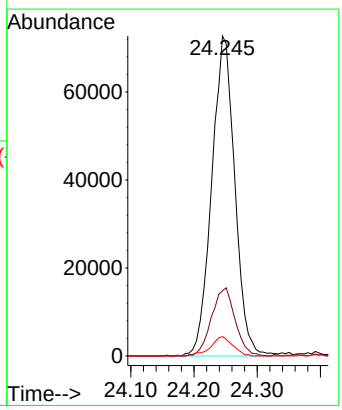
Supervised By :Jagrut Upadhyay
10/03/2025

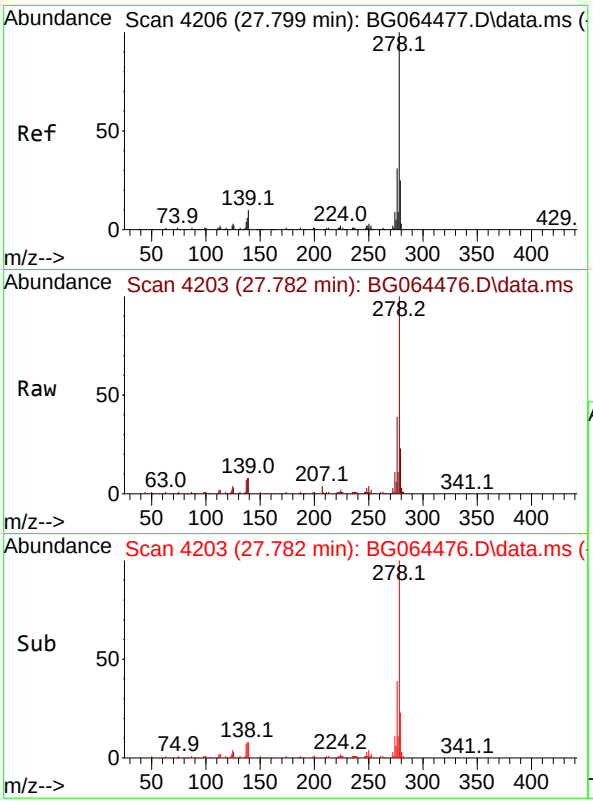


#90
Benzo(a)pyrene
Concen: 20.191 ng
RT: 24.245 min Scan# 3601
Delta R.T. -0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:252 Resp: 184712

Ion	Ratio	Lower	Upper
252	100		
253	20.3	17.1	25.7
125	6.1	4.6	6.8

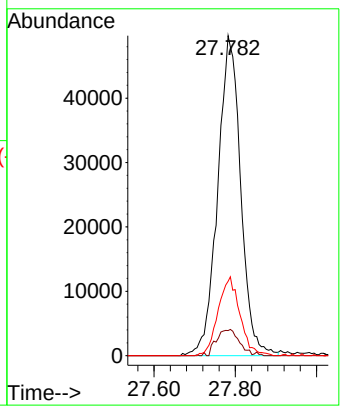




#91
Dibenzo(a,h)anthracene
Concen: 20.134 ng
RT: 27.782 min Scan# 4
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:278 Resp: 19555

Ion	Ratio	Lower	Upper
278	100		
139	7.9	8.2	12.2#
279	23.3	19.6	29.4

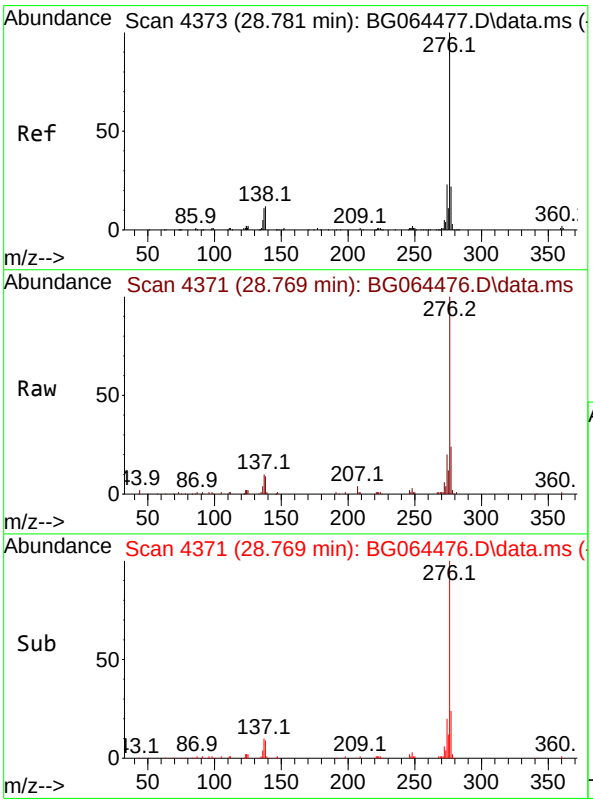


Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli
10/03/2025

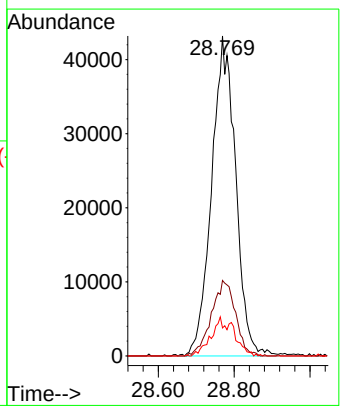
Supervised By :Jagrut Upadhyay
10/03/2025



#92
Benzo(g,h,i)perylene
Concen: 20.108 ng
RT: 28.769 min Scan# 4371
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:276 Resp: 189789

Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.8	26.6
138	8.7	9.4	14.0#



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
Data File : BG064477.D
Acq On : 2 Oct 2025 12:14
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Oct 02 16:52:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.823	152	16827	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	74350	20.000	ng	0.00
39) Acenaphthene-d10	14.450	164	56405	20.000	ng	0.00
64) Phenanthrene-d10	17.188	188	137065	20.000	ng	0.00
76) Chrysene-d12	21.413	240	137806	20.000	ng	0.00
86) Perylene-d12	24.386	264	147142	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	80402	88.428	ng	0.00
7) Phenol-d6	7.000	99	109762	89.832	ng	0.01
23) Nitrobenzene-d5	8.974	82	117636	85.074	ng	0.00
42) 2,4,6-Tribromophenol	15.937	330	85878	83.995	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	323605	84.566	ng	0.00
79) Terphenyl-d14	19.809	244	619099	85.021	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	14750	41.013	ng	100
3) Pyridine	3.716	79	41592	43.032	ng	100
4) n-Nitrosodimethylamine	3.628	42	29056	41.468	ng	100
6) Aniline	7.153	93	67996	44.118	ng	100
8) 2-Chlorophenol	7.394	128	48971	43.861	ng	100
9) Benzaldehyde	6.965	77	51397m	47.387	ng	
10) Phenol	7.024	94	56653	43.953	ng	100
11) bis(2-Chloroethyl)ether	7.247	93	38161	43.717	ng	100
12) 1,3-Dichlorobenzene	7.711	146	53245	43.595	ng	100
13) 1,4-Dichlorobenzene	7.858	146	53223	43.419	ng	100
14) 1,2-Dichlorobenzene	8.175	146	51602	42.713	ng	100
15) Benzyl Alcohol	8.058	79	48695	43.275	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.346	45	60702	43.142	ng	100
17) 2-Methylphenol	8.269	107	40881	43.800	ng	100
18) Hexachloroethane	8.904	117	20312	41.981	ng	100
19) n-Nitroso-di-n-propyla...	8.628	70	36888	45.142	ng	100
20) 3+4-Methylphenols	8.593	107	57201	43.917	ng	100
22) Acetophenone	8.640	105	76751	42.634	ng	100
24) Nitrobenzene	9.021	77	58730	42.592	ng	100
25) Isophorone	9.539	82	107231	42.808	ng	100
26) 2-Nitrophenol	9.727	139	28524	41.564	ng	100
27) 2,4-Dimethylphenol	9.791	122	44394	42.353	ng	100
28) bis(2-Chloroethoxy)met...	10.026	93	55697	43.620	ng	100
29) 2,4-Dichlorophenol	10.261	162	50964	42.046	ng	100
30) 1,2,4-Trichlorobenzene	10.479	180	56079	42.432	ng	100
31) Naphthalene	10.661	128	164638	43.002	ng	100
32) Benzoic acid	9.944	122	34057m	42.319	ng	
33) 4-Chloroaniline	10.767	127	62035	42.224	ng	100
34) Hexachlorobutadiene	10.949	225	47047	41.566	ng	100
35) Caprolactam	11.542	113	17062	41.118	ng	100
36) 4-Chloro-3-methylphenol	11.900	107	62176	42.181	ng	100
37) 2-Methylnaphthalene	12.271	142	125298	42.634	ng	100
38) 1-Methylnaphthalene	12.488	142	122645	41.851	ng	100
40) 1,2,4,5-Tetrachloroben...	12.641	216	79864	43.852	ng	100
41) Hexachlorocyclopentadiene	12.623	237	40946	42.981	ng	100
43) 2,4,6-Trichlorophenol	12.882	196	50247	43.159	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
Data File : BG064477.D
Acq On : 2 Oct 2025 12:14
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 02 16:52:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.958	196	54781	42.147	ng	100
46) 1,1'-Biphenyl	13.287	154	171549	42.286	ng	100
47) 2-Chloronaphthalene	13.328	162	130095	42.951	ng	100
48) 2-Nitroaniline	13.528	65	44764	43.302	ng	100
49) Acenaphthylene	14.168	152	192196	42.745	ng	100
50) Dimethylphthalate	13.910	163	183253	41.482	ng	100
51) 2,6-Dinitrotoluene	14.027	165	38023	41.318	ng	100
52) Acenaphthene	14.515	154	130718	41.846	ng	100
53) 3-Nitroaniline	14.356	138	36025	42.448	ng	100
54) 2,4-Dinitrophenol	14.562	184	23359	35.006	ng	100
55) Dibenzofuran	14.850	168	215338	41.749	ng	100
56) 4-Nitrophenol	14.668	139	29383	43.974	ng	100
57) 2,4-Dinitrotoluene	14.815	165	59462	42.268	ng	100
58) Fluorene	15.496	166	180574	42.112	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.079	232	57000	42.971	ng	100
60) Diethylphthalate	15.273	149	195149	41.179	ng	100
61) 4-Chlorophenyl-phenyle...	15.496	204	97895	41.818	ng	100
62) 4-Nitroaniline	15.520	138	37694	42.613	ng	100
63) Azobenzene	15.784	77	151875	41.381	ng	100
65) 4,6-Dinitro-2-methylph...	15.579	198	39733	41.634	ng	100
66) n-Nitrosodiphenylamine	15.708	169	155849	42.580	ng	100
67) 4-Bromophenyl-phenylether	16.383	248	69462	43.066	ng	100
68) Hexachlorobenzene	16.501	284	79010	42.809	ng	100
69) Atrazine	16.660	200	68458	42.039	ng	100
70) Pentachlorophenol	16.848	266	46456	43.049	ng	100
71) Phenanthrene	17.235	178	304441	42.473	ng	100
72) Anthracene	17.324	178	309798	43.082	ng	100
73) Carbazole	17.594	167	270505	43.520	ng	100
74) Di-n-butylphthalate	18.158	149	325874	42.948	ng	100
75) Fluoranthene	19.245	202	364596	42.577	ng	100
77) Benzidine	19.421	184	178853	52.157	ng	100
78) Pyrene	19.603	202	383571	42.890	ng	100
80) Butylbenzylphthalate	20.496	149	136961	43.202	ng	100
81) Benzo(a)anthracene	21.395	228	373009	42.392	ng	100
82) 3,3'-Dichlorobenzidine	21.319	252	126107	42.345	ng	100
83) Chrysene	21.460	228	357557	42.849	ng	100
84) Bis(2-ethylhexyl)phtha...	21.319	149	190838	42.664	ng	100
85) Di-n-octyl phthalate	22.447	149	317830	42.277	ng	100
87) Indeno(1,2,3-cd)pyrene	27.747	276	439448	42.906	ng	100
88) Benzo(b)fluoranthene	23.452	252	356780	42.621	ng	100
89) Benzo(k)fluoranthene	23.516	252	362948	43.050	ng	100
90) Benzo(a)pyrene	24.251	252	330197	42.800	ng	100
91) Dibenzo(a,h)anthracene	27.799	278	350192	42.755	ng	100
92) Benzo(g,h,i)perylene	28.781	276	339180	42.613	ng	100

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

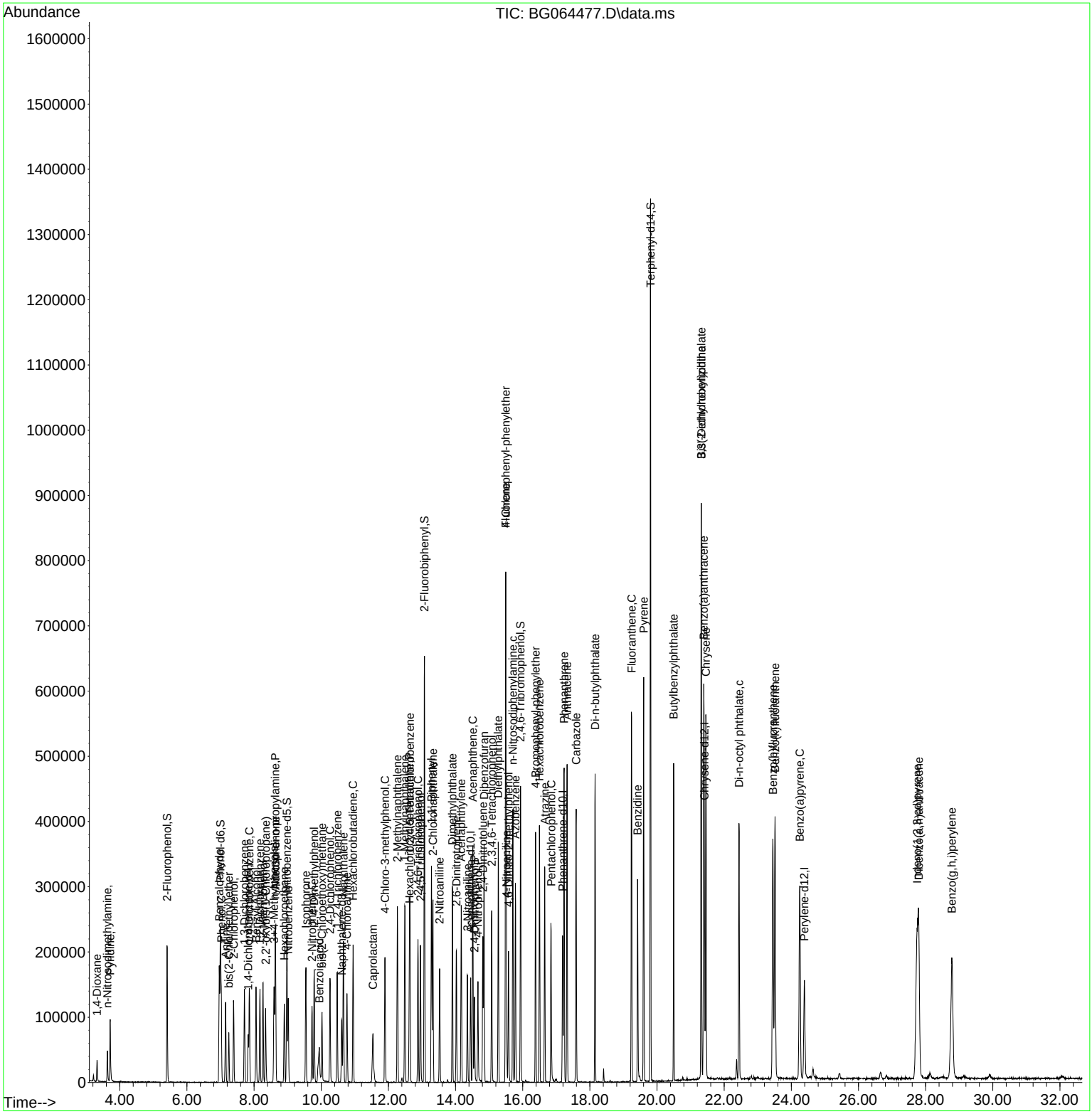
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Data File : BG064477.D
Acq On : 2 Oct 2025 12:14
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

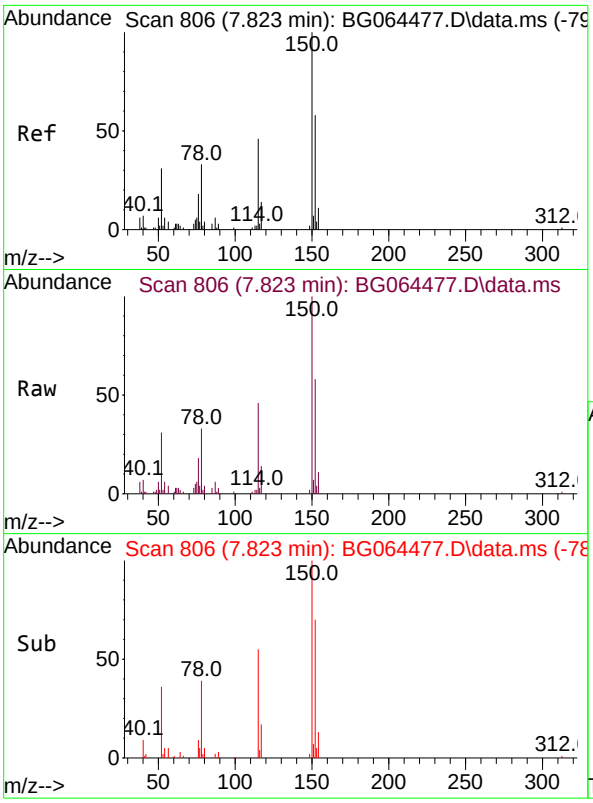
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/03/2025
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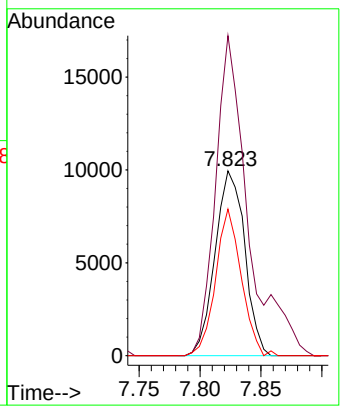




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.823 min Scan# 80
Delta R.T. 0.003 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:152 Resp: 1682

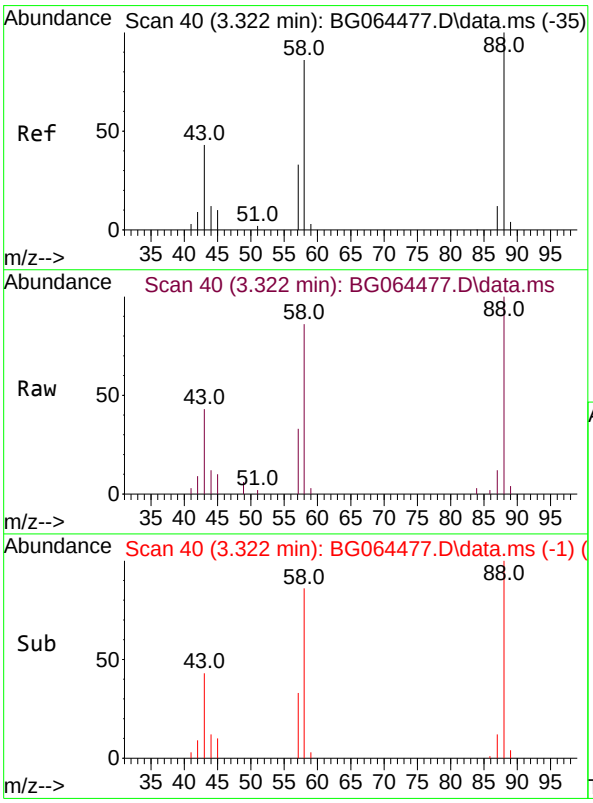
Ion	Ratio	Lower	Upper
152	100		
150	173.2	138.6	207.8
115	79.3	63.4	95.2



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

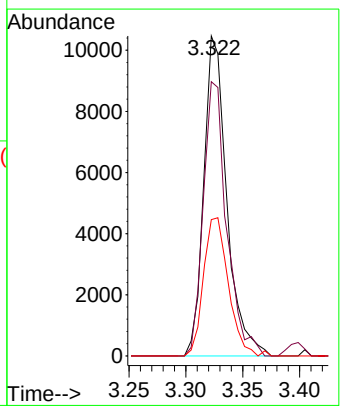
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

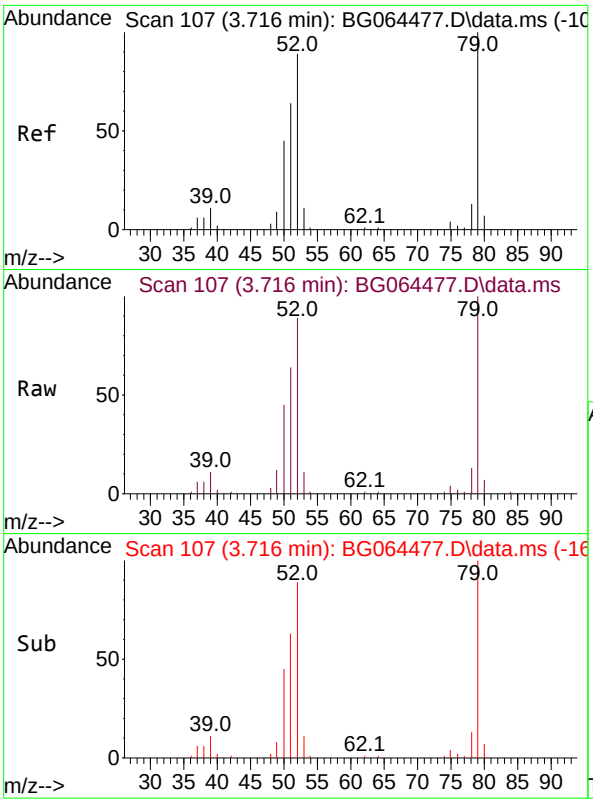


#2
1,4-Dioxane
Concen: 41.013 ng
RT: 3.322 min Scan# 40
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion: 88 Resp: 14750

Ion	Ratio	Lower	Upper
88	100		
58	87.2	69.8	104.6
43	46.7	37.4	56.0

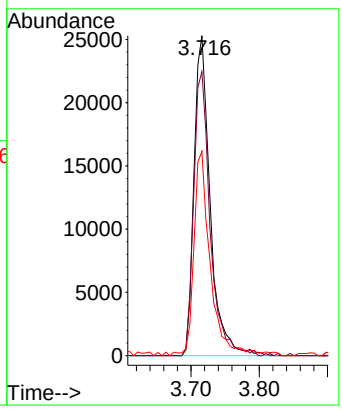




#3
Pyridine
Concen: 43.032 ng
RT: 3.716 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion: 79 Resp: 4159

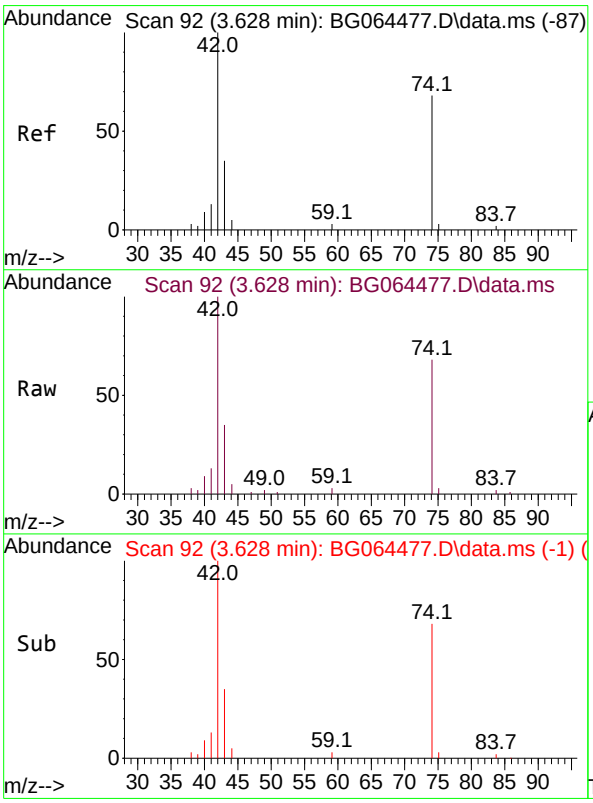
Ion	Ratio	Lower	Upper
79	100		
52	88.7	71.0	106.4
51	63.8	51.0	76.6



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

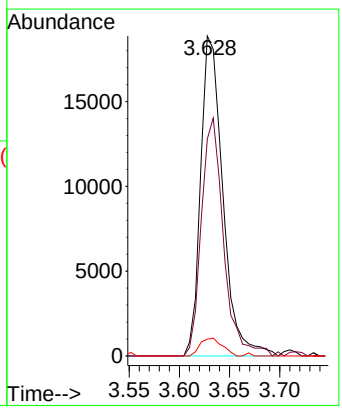
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

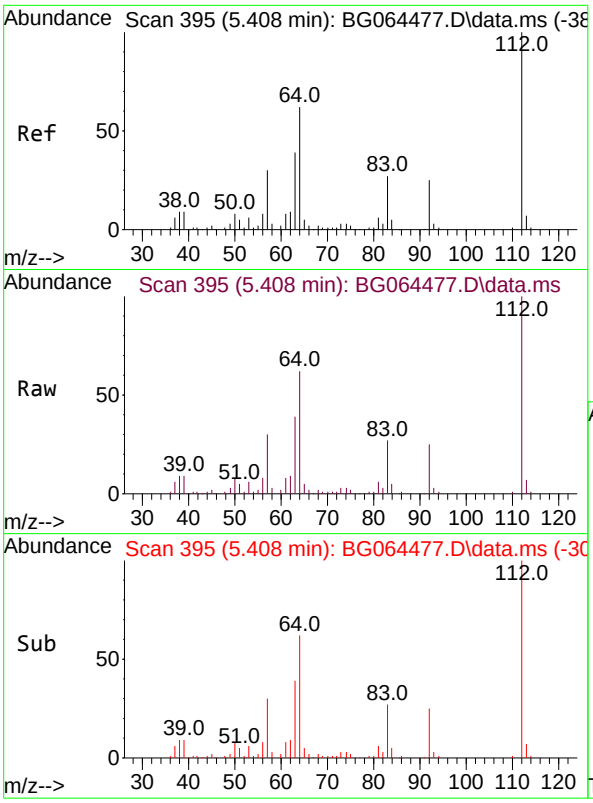


#4
n-Nitrosodimethylamine
Concen: 41.468 ng
RT: 3.628 min Scan# 92
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion: 42 Resp: 29056

Ion	Ratio	Lower	Upper
42	100		
74	67.8	54.2	81.4
44	5.2	4.2	6.2

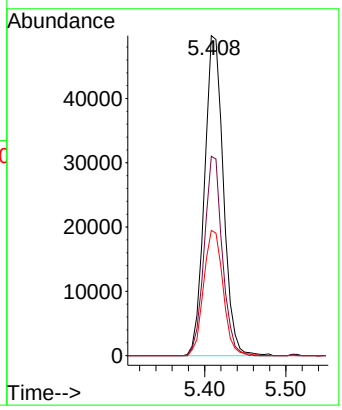




#5
2-Fluorophenol
Concen: 88.428 ng
RT: 5.408 min Scan# 3
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:112 Resp: 8040

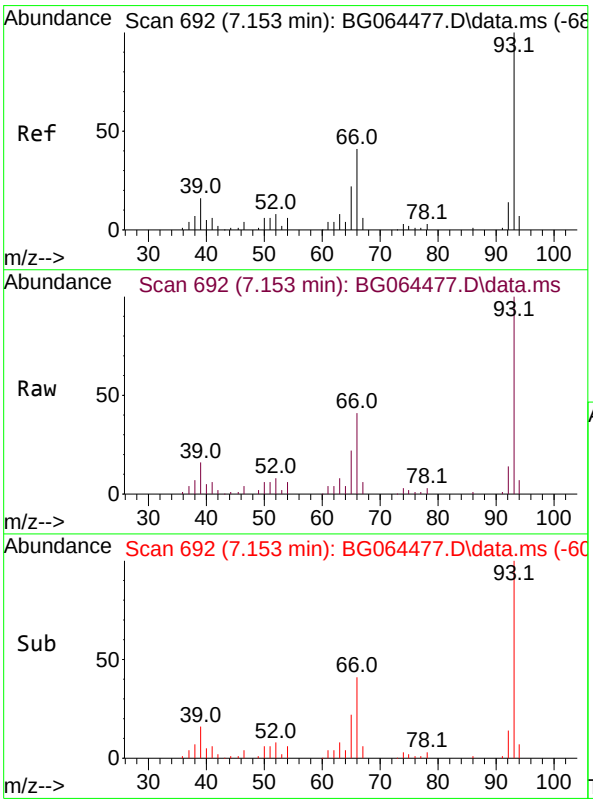
Ion	Ratio	Lower	Upper
112	100		
64	62.3	49.8	74.8
63	39.1	31.3	46.9



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

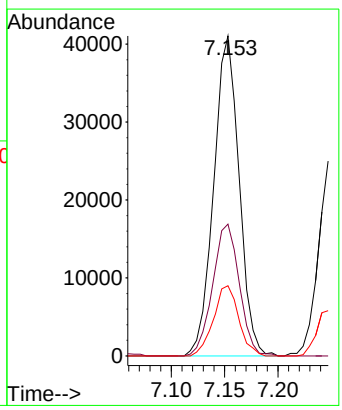
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

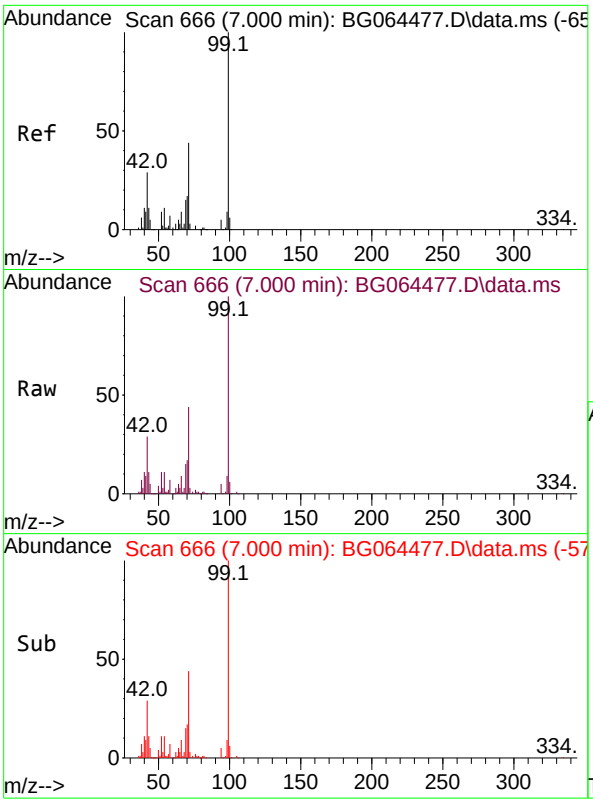


#6
Aniline
Concen: 44.118 ng
RT: 7.153 min Scan# 692
Delta R.T. 0.008 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion: 93 Resp: 67996

Ion	Ratio	Lower	Upper
93	100		
66	41.2	33.0	49.4
65	21.9	17.5	26.3

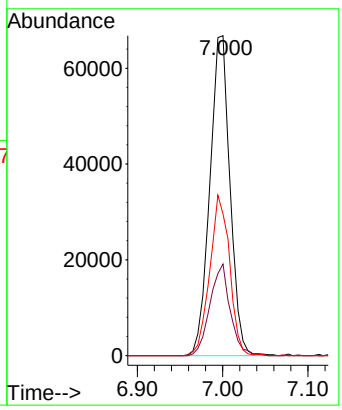




#7
Phenol-d6
Concen: 89.832 ng
RT: 7.000 min Scan# 6
Delta R.T. 0.014 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion: 99 Resp: 10976

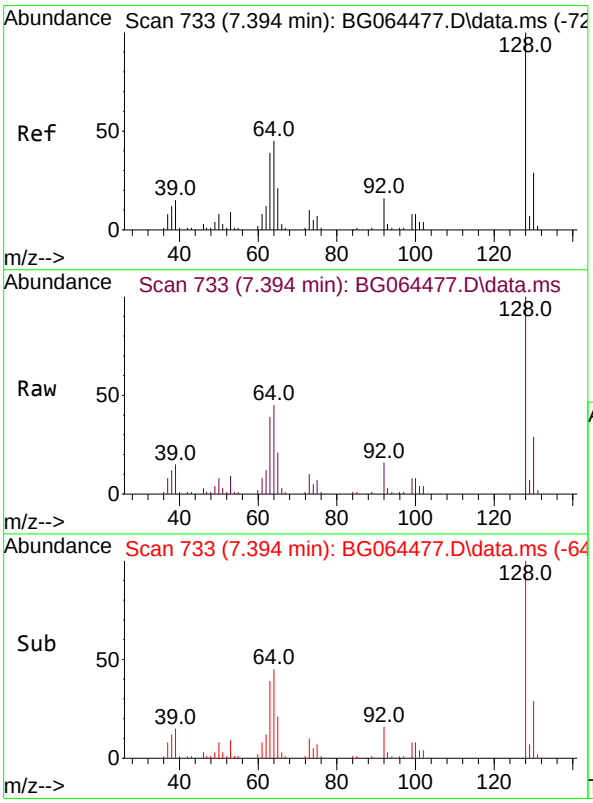
Ion	Ratio	Lower	Upper
99	100		
42	28.6	22.9	34.3
71	44.3	35.4	53.2



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

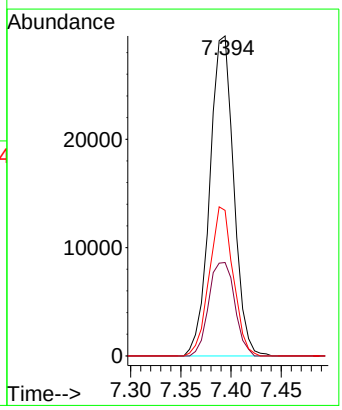
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

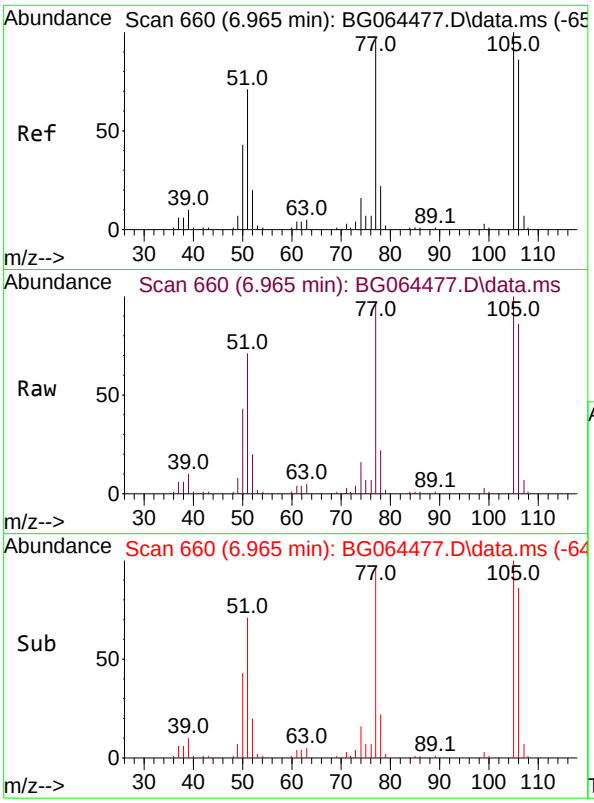


#8
2-Chlorophenol
Concen: 43.861 ng
RT: 7.394 min Scan# 733
Delta R.T. 0.008 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:128 Resp: 48971

Ion	Ratio	Lower	Upper
128	100		
130	29.2	9.2	49.2
64	45.5	25.5	65.5

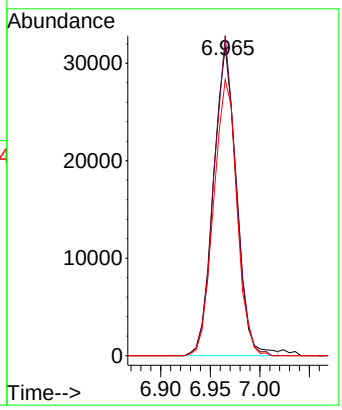




#9
Benzaldehyde
Concen: 47.387 ng m
RT: 6.965 min Scan# 6
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion: 77 Resp: 5139

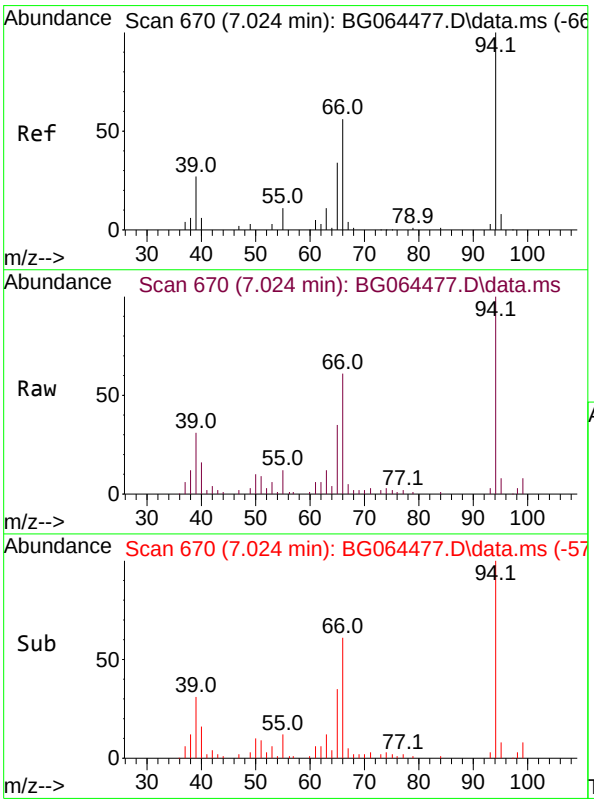
Ion	Ratio	Lower	Upper
77	100		
105	103.7	83.7	123.7
106	89.4	69.4	109.4



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

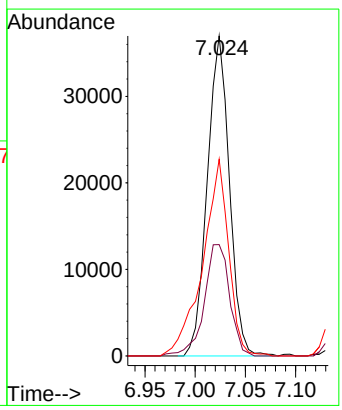
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

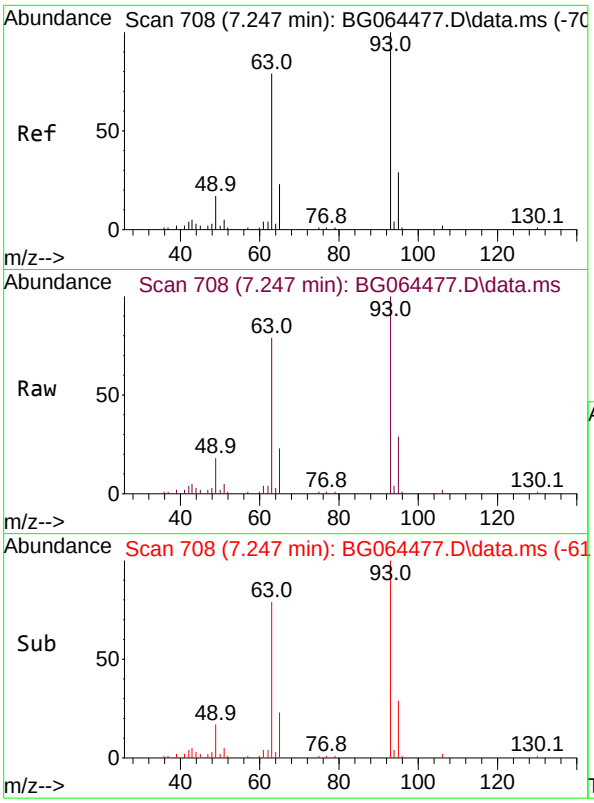


#10
Phenol
Concen: 43.953 ng
RT: 7.024 min Scan# 670
Delta R.T. 0.008 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion: 94 Resp: 56653

Ion	Ratio	Lower	Upper
94	100		
65	34.8	14.8	54.8
66	61.4	41.4	81.4

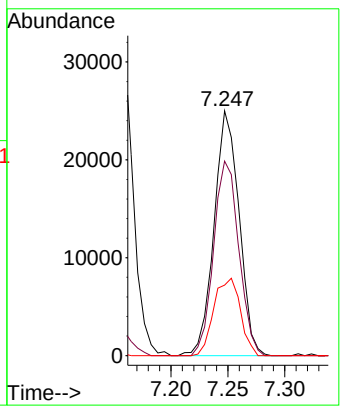




#11
bis(2-Chloroethyl)ether
Concen: 43.717 ng
RT: 7.247 min Scan# 7
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion: 93 Resp: 3816

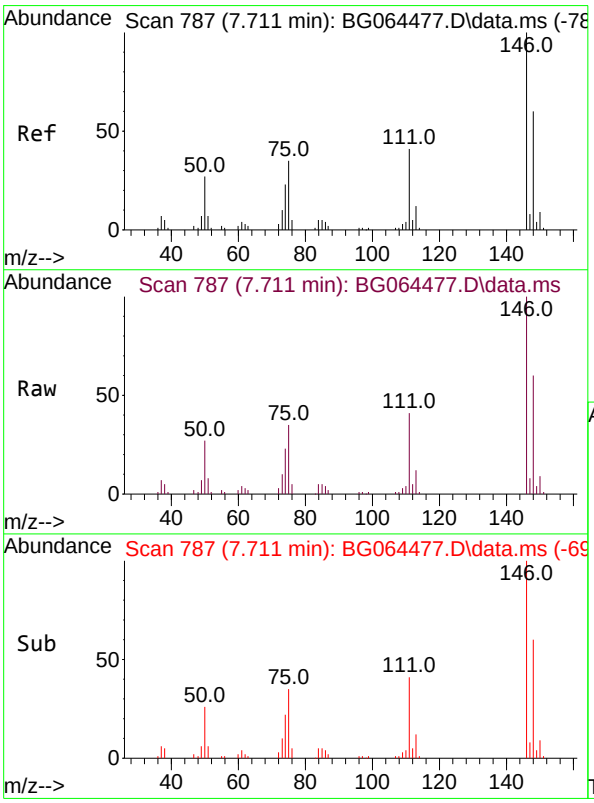
Ion	Ratio	Lower	Upper
93	100		
63	79.5	59.5	99.5
95	28.8	8.8	48.8



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

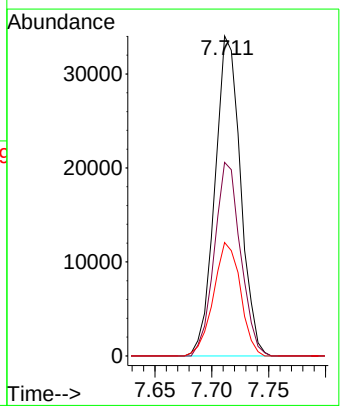
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

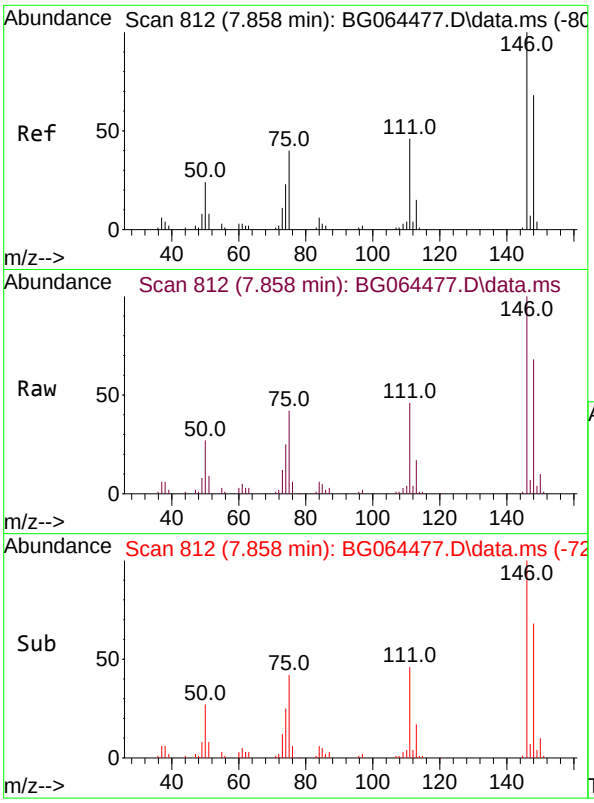


#12
1,3-Dichlorobenzene
Concen: 43.595 ng
RT: 7.711 min Scan# 787
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:146 Resp: 53245

Ion	Ratio	Lower	Upper
146	100		
148	60.5	48.4	72.6
75	35.4	28.3	42.5

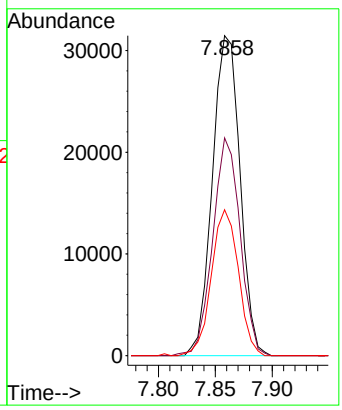




#13
1,4-Dichlorobenzene
Concen: 43.419 ng
RT: 7.858 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:146 Resp: 5322

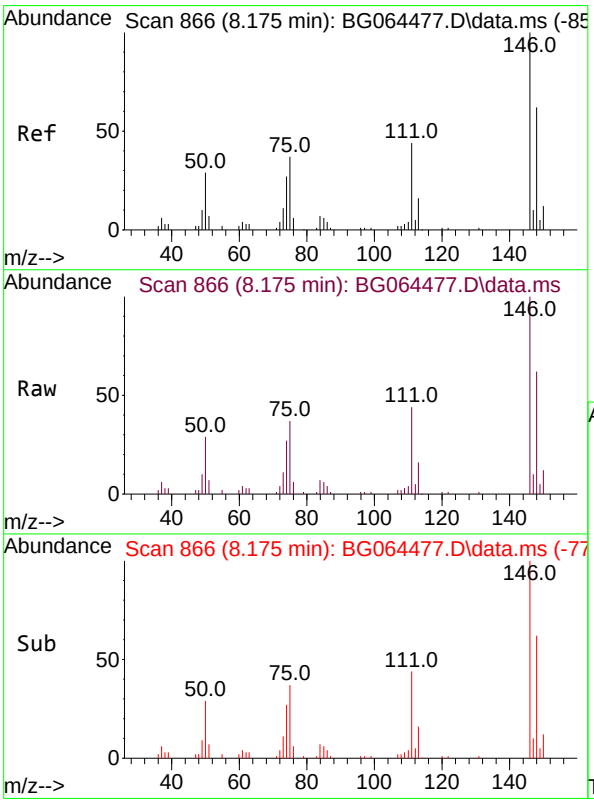
Ion	Ratio	Lower	Upper
146	100		
148	68.0	54.4	81.6
111	45.6	36.5	54.7



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

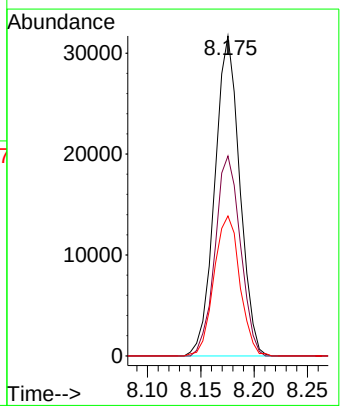
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

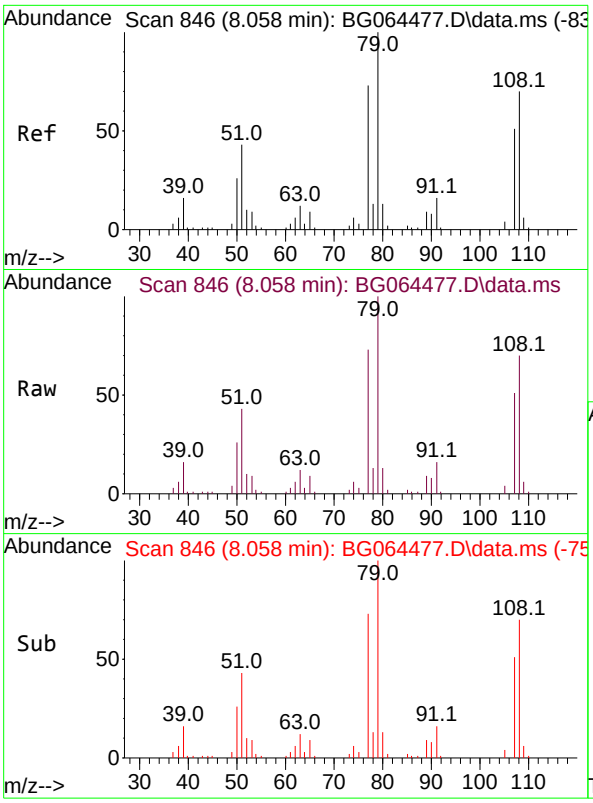


#14
1,2-Dichlorobenzene
Concen: 42.713 ng
RT: 8.175 min Scan# 866
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:146 Resp: 51602

Ion	Ratio	Lower	Upper
146	100		
148	62.5	50.0	75.0
111	43.7	35.0	52.4

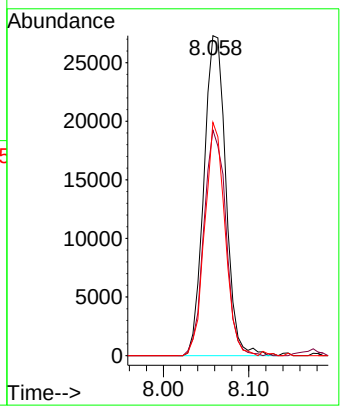




#15
Benzyl Alcohol
Concen: 43.275 ng
RT: 8.058 min Scan# 84
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion: 79 Resp: 4869

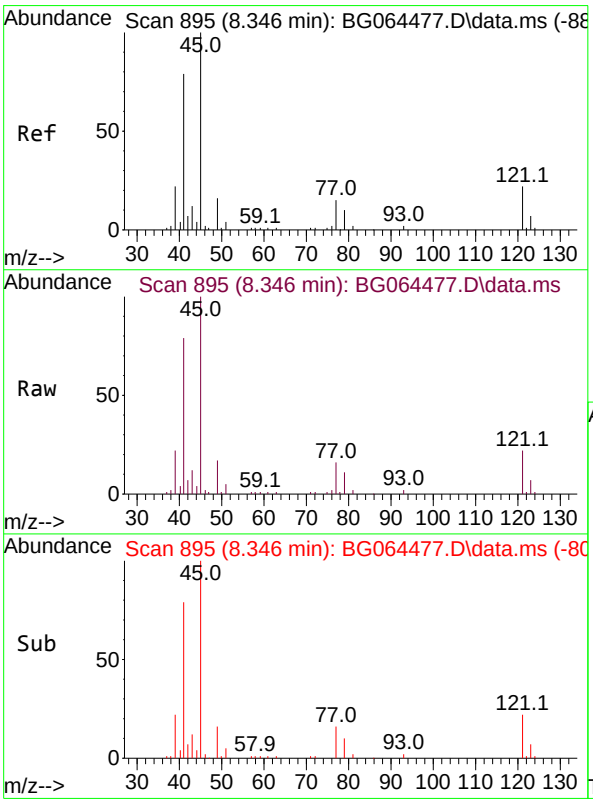
Ion	Ratio	Lower	Upper
79	100		
108	70.5	56.4	84.6
77	72.9	58.3	87.5



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

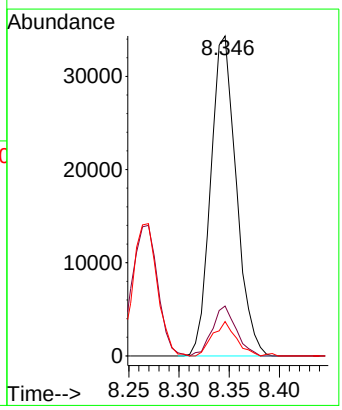
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

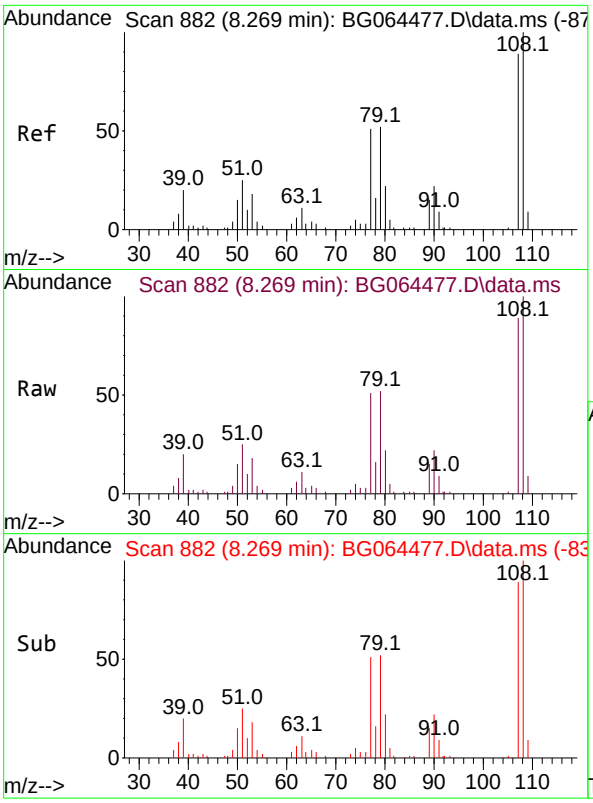


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.142 ng
RT: 8.346 min Scan# 895
Delta R.T. 0.008 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion: 45 Resp: 60702

Ion	Ratio	Lower	Upper
45	100		
77	15.6	0.0	35.6
79	10.7	0.0	30.7

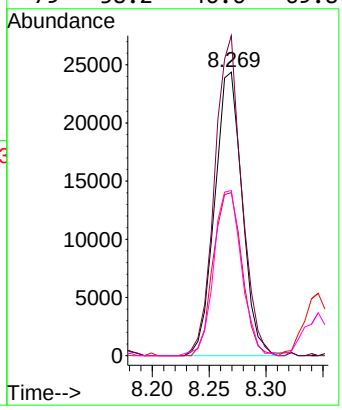




#17
2-Methylphenol
Concen: 43.800 ng
RT: 8.269 min Scan# 88
Delta R.T. 0.008 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:107 Resp: 4088

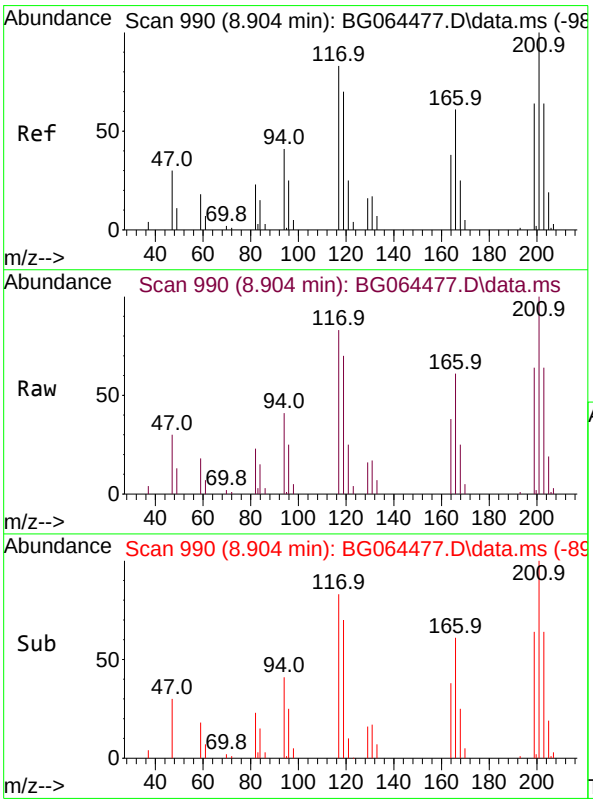
Ion	Ratio	Lower	Upper
107	100		
108	112.9	90.3	135.5
77	57.5	46.0	69.0
79	58.2	46.6	69.8



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

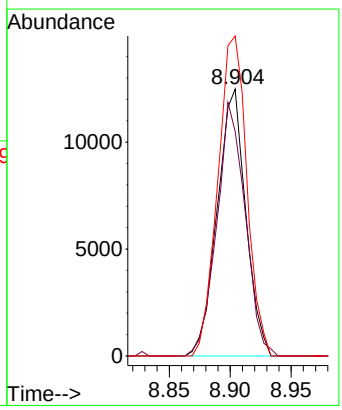
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

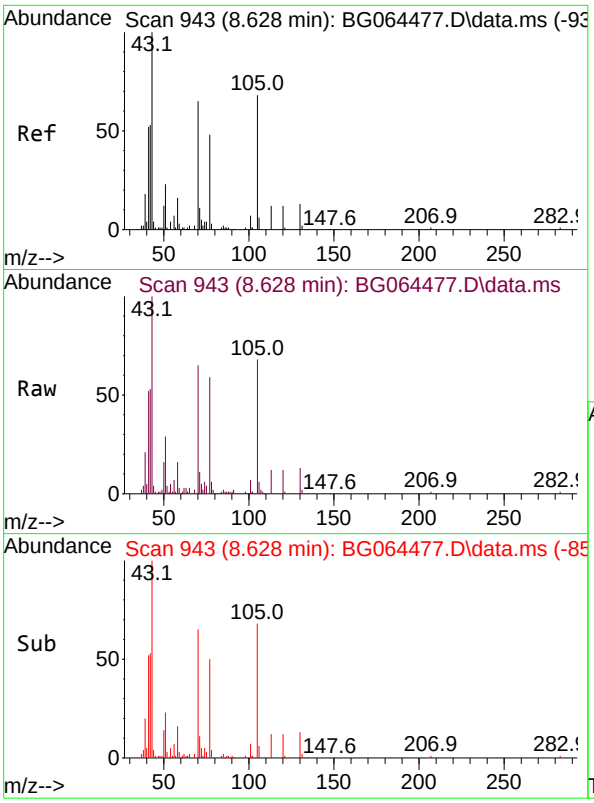


#18
Hexachloroethane
Concen: 41.981 ng
RT: 8.904 min Scan# 990
Delta R.T. 0.008 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:117 Resp: 20312

Ion	Ratio	Lower	Upper
117	100		
119	84.2	67.4	101.0
201	119.9	95.9	143.9

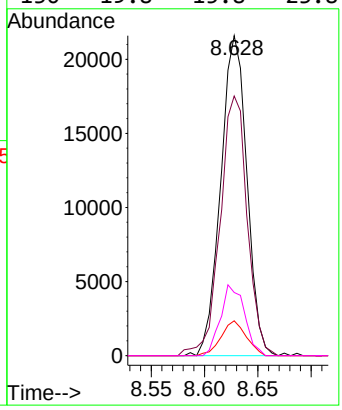




#19
n-Nitroso-di-n-propylamine
Concen: 45.142 ng
RT: 8.628 min Scan# 94
Delta R.T. 0.014 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion: 70 Resp: 3688

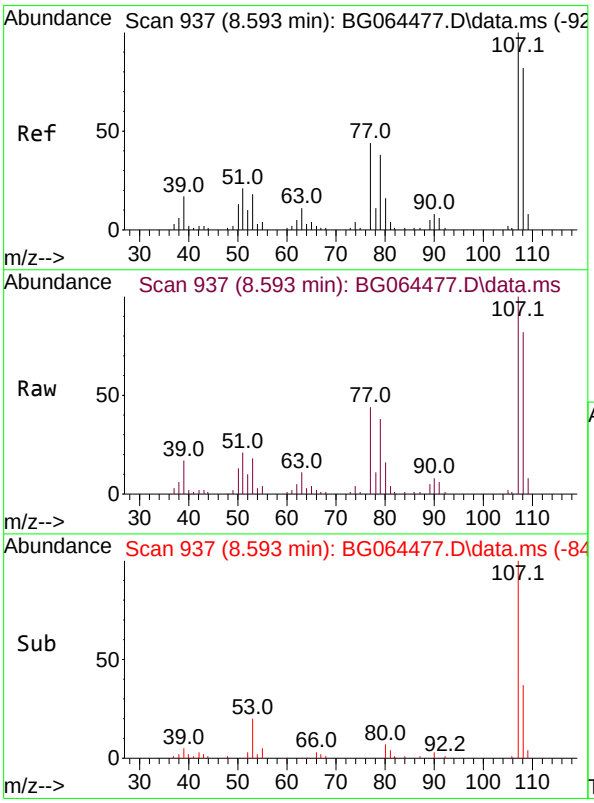
Ion	Ratio	Lower	Upper
70	100		
42	81.1	64.9	97.3
101	10.9	8.7	13.1
130	19.8	15.8	23.8



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

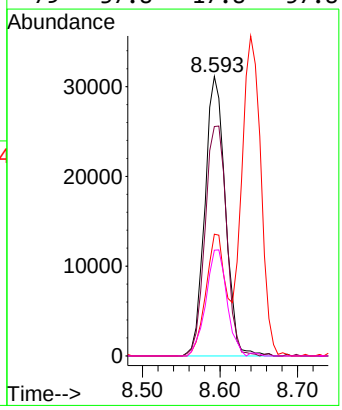
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

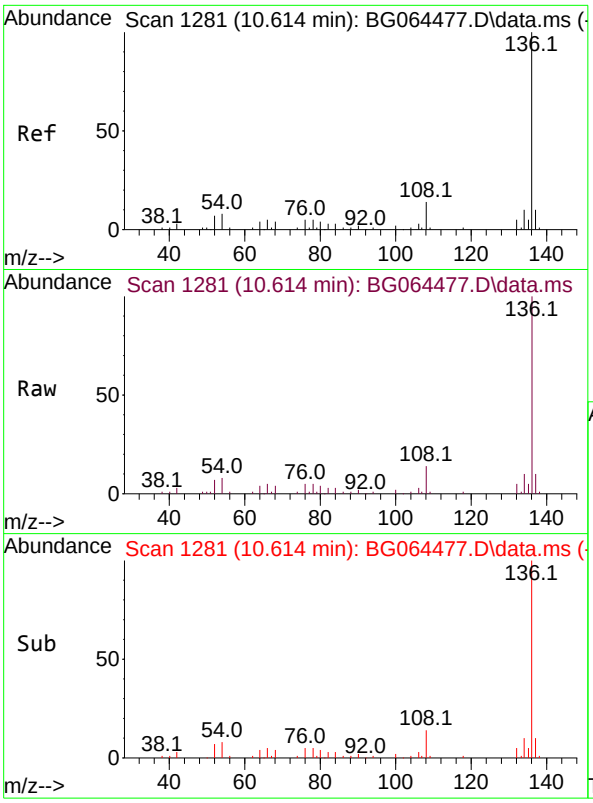


#20
3+4-Methylphenols
Concen: 43.917 ng
RT: 8.593 min Scan# 937
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:107 Resp: 57201

Ion	Ratio	Lower	Upper
107	100		
108	82.1	62.1	102.1
77	43.5	23.5	63.5
79	37.8	17.8	57.8

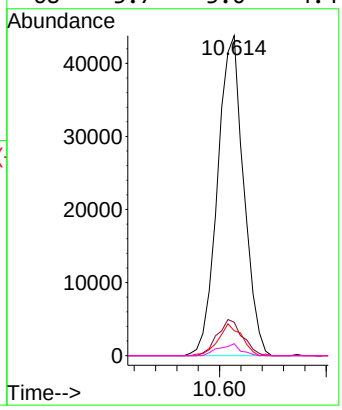




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 1
Delta R.T. 0.008 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:136 Resp: 7435

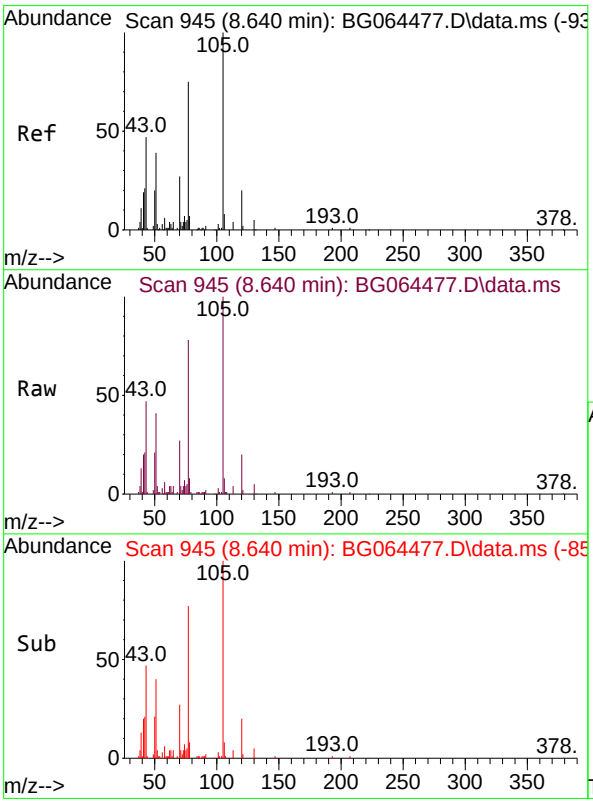
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.3	12.5
54	7.8	6.2	9.4
68	3.7	3.0	4.4



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

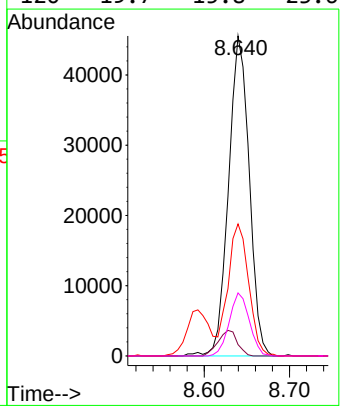
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

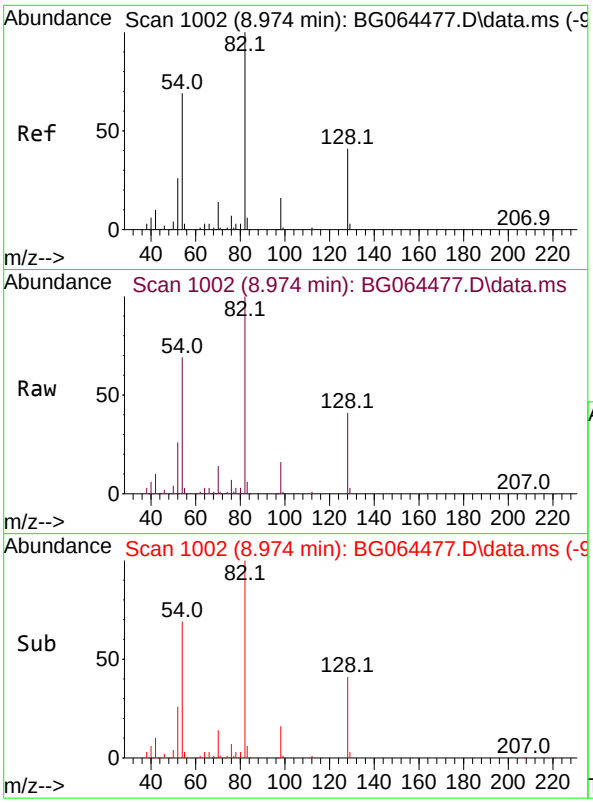


#22
Acetophenone
Concen: 42.634 ng
RT: 8.640 min Scan# 945
Delta R.T. 0.008 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:105 Resp: 76751

Ion	Ratio	Lower	Upper
105	100		
71	3.5	2.8	4.2
51	41.2	33.0	49.4
120	19.7	15.8	23.6

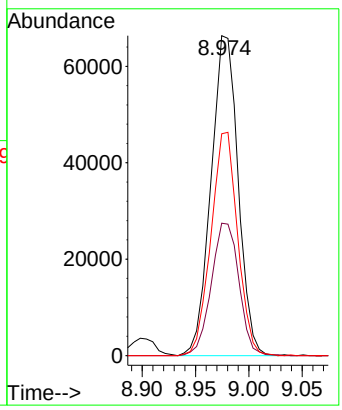




#23
Nitrobenzene-d5
Concen: 85.074 ng
RT: 8.974 min Scan# 10
Delta R.T. 0.008 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion: 82 Resp: 11763

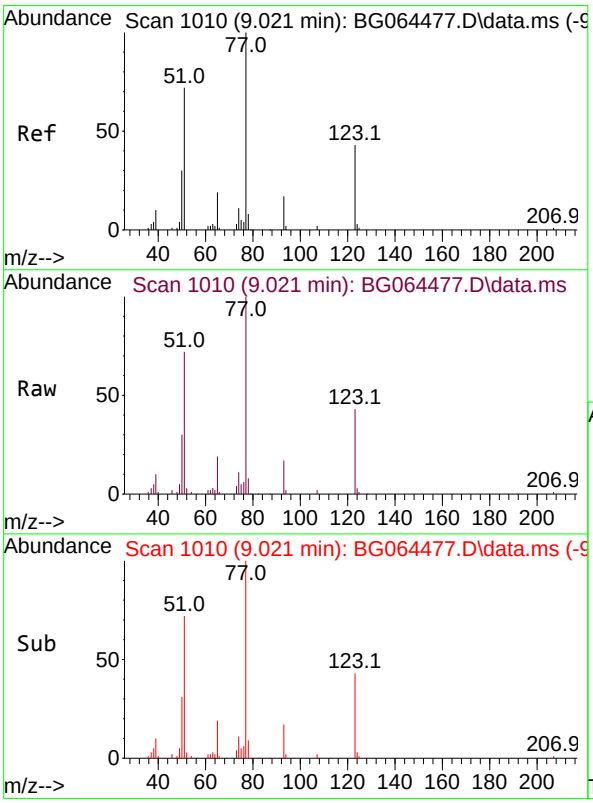
Ion	Ratio	Lower	Upper
82	100		
128	41.4	33.1	49.7
54	69.3	55.4	83.2



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

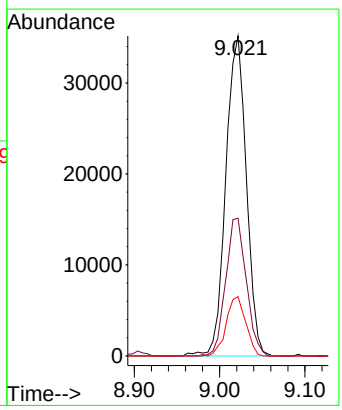
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

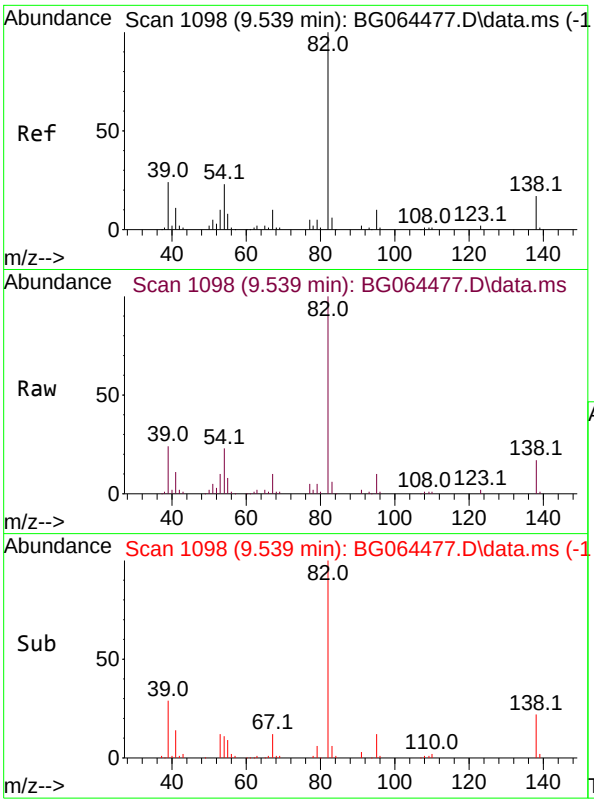


#24
Nitrobenzene
Concen: 42.592 ng
RT: 9.021 min Scan# 1010
Delta R.T. 0.008 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion: 77 Resp: 58730

Ion	Ratio	Lower	Upper
77	100		
123	43.0	34.4	51.6
65	18.5	14.8	22.2

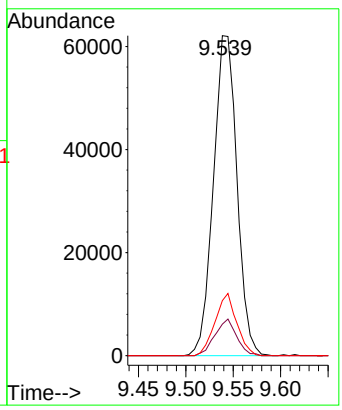




#25
Isophorone
Concen: 42.808 ng
RT: 9.539 min Scan# 1
Delta R.T. 0.008 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion: 82 Resp: 10723

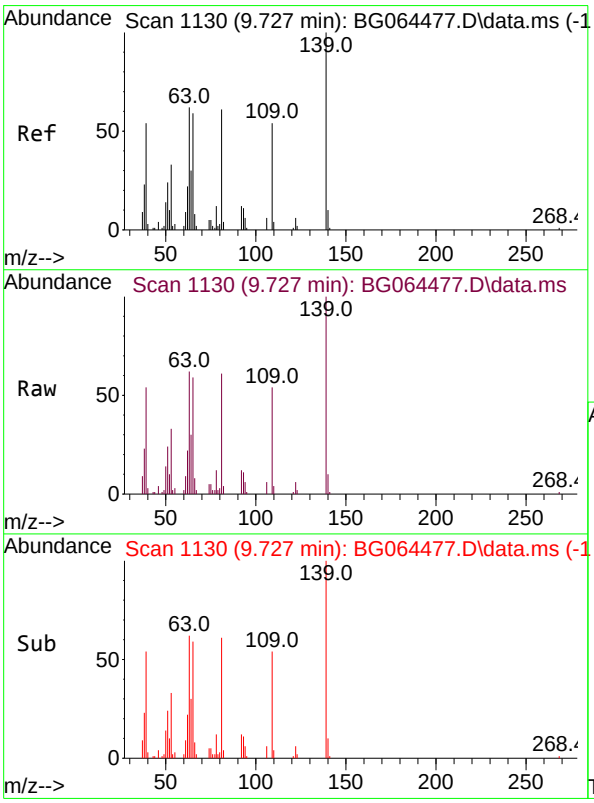
Ion	Ratio	Lower	Upper
82	100		
95	9.8	7.8	11.8
138	17.2	13.8	20.6



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

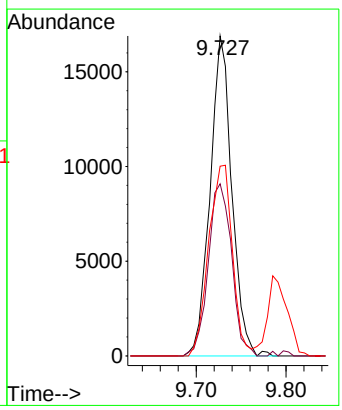
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

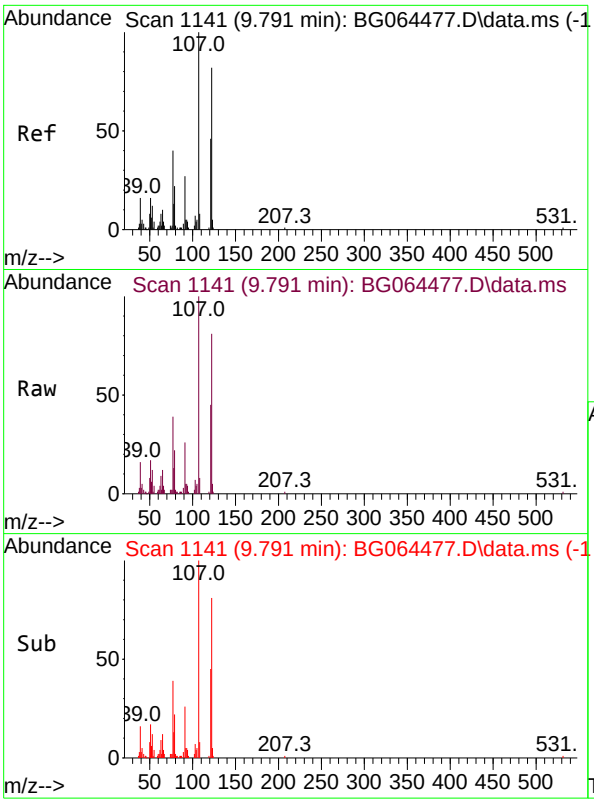


#26
2-Nitrophenol
Concen: 41.564 ng
RT: 9.727 min Scan# 1130
Delta R.T. 0.008 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:139 Resp: 28524

Ion	Ratio	Lower	Upper
139	100		
109	53.8	43.0	64.6
65	59.3	47.4	71.2

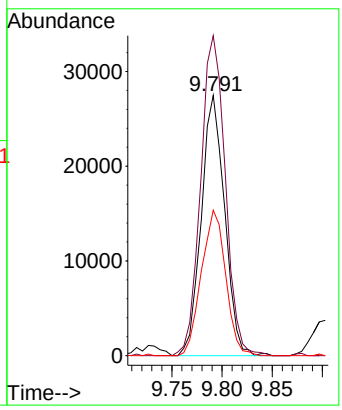




#27
2,4-Dimethylphenol
Concen: 42.353 ng
RT: 9.791 min Scan# 11
Delta R.T. 0.008 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:122 Resp: 4439

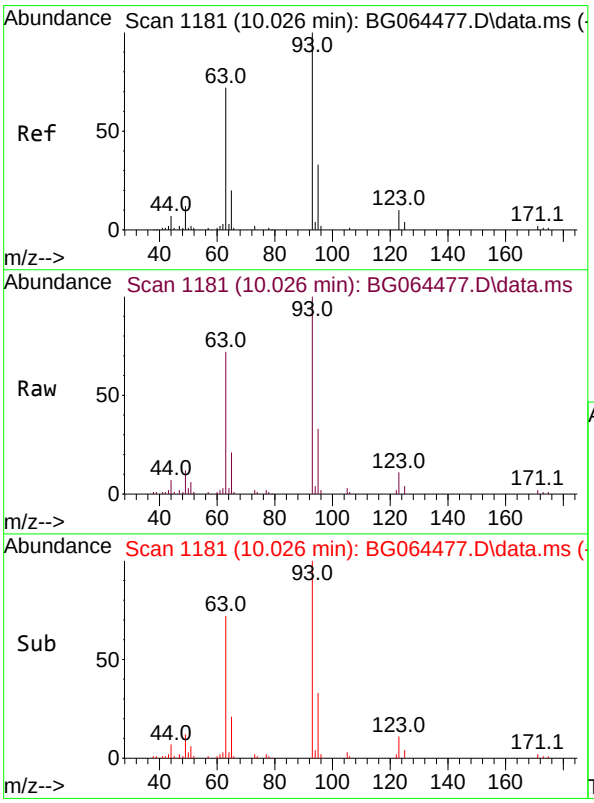
Ion	Ratio	Lower	Upper
122	100		
107	122.9	98.3	147.5
121	55.9	44.7	67.1



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

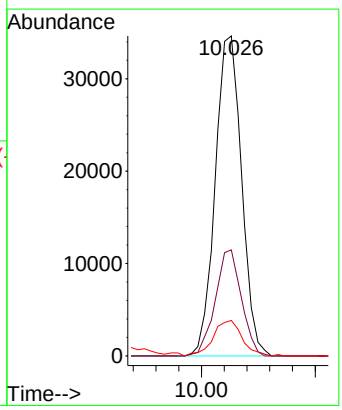
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

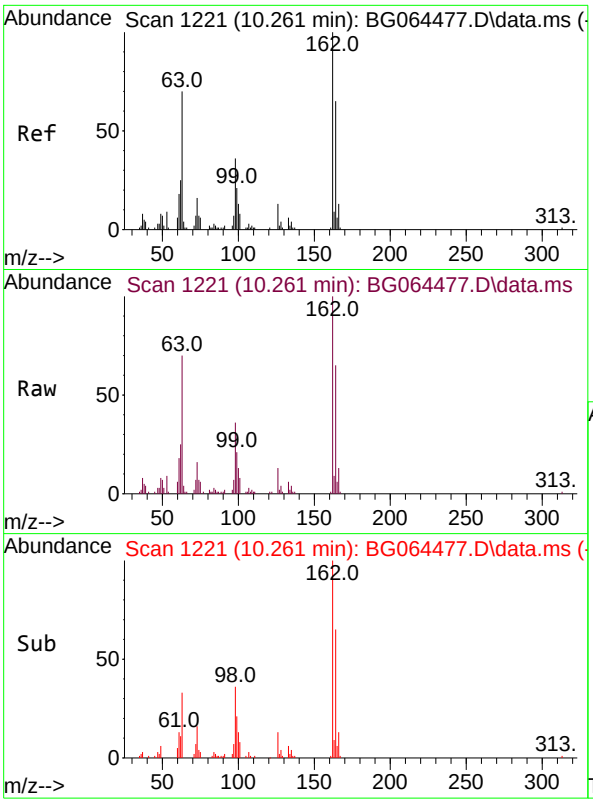


#28
bis(2-Chloroethoxy)methane
Concen: 43.620 ng
RT: 10.026 min Scan# 1181
Delta R.T. 0.008 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion: 93 Resp: 55697

Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.5	39.7
123	11.1	8.9	13.3

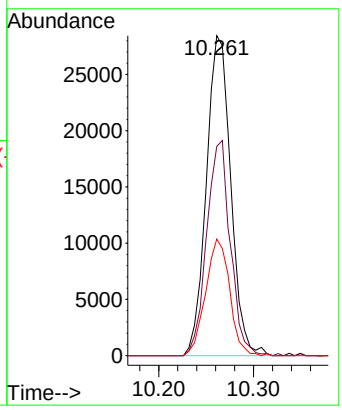




#29
2,4-Dichlorophenol
Concen: 42.046 ng
RT: 10.261 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:162 Resp: 5096

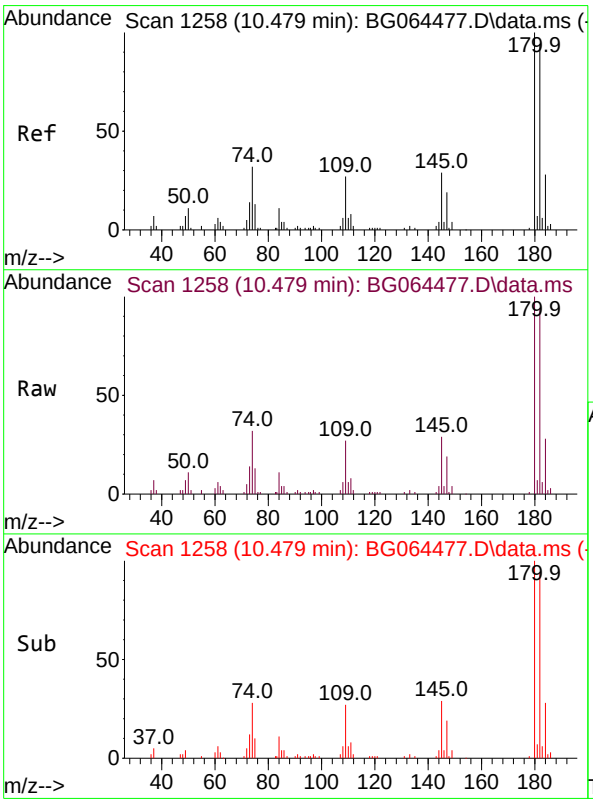
Ion	Ratio	Lower	Upper
162	100		
164	65.4	45.4	85.4
98	36.4	16.4	56.4



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

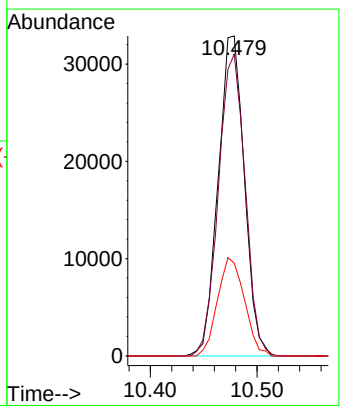
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

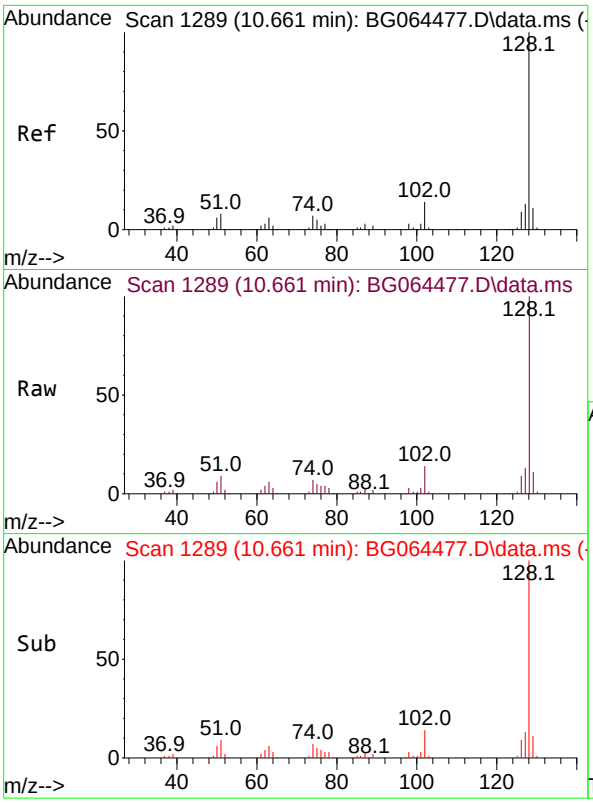


#30
1,2,4-Trichlorobenzene
Concen: 42.432 ng
RT: 10.479 min Scan# 1258
Delta R.T. 0.008 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:180 Resp: 56079

Ion	Ratio	Lower	Upper
180	100		
182	94.3	75.4	113.2
145	29.0	23.2	34.8

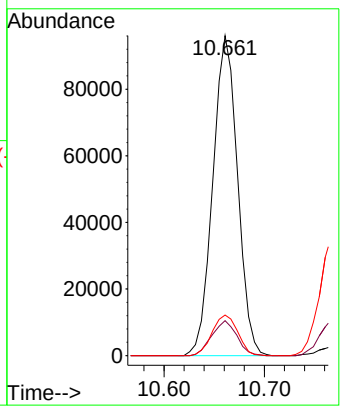




#31
Naphthalene
Concen: 43.002 ng
RT: 10.661 min Scan# 1
Delta R.T. 0.008 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:128 Resp: 16463

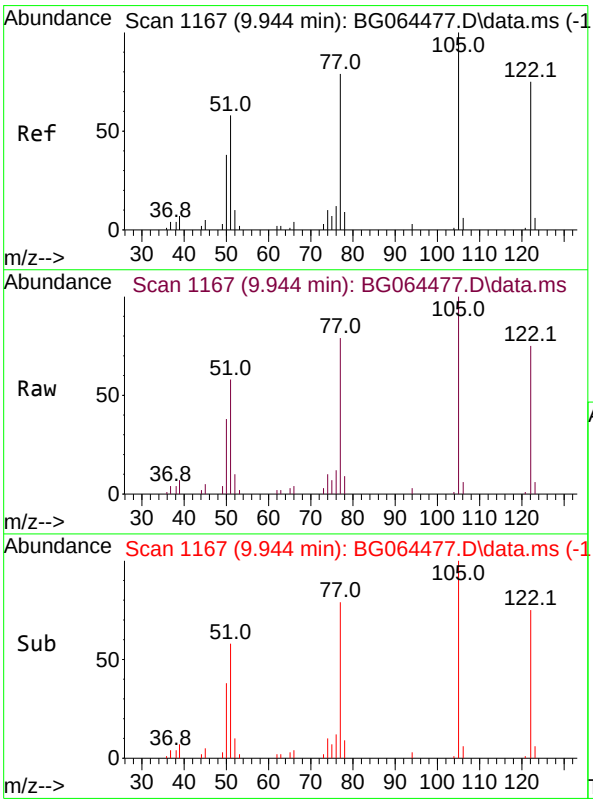
Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	12.7	10.2	15.2



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

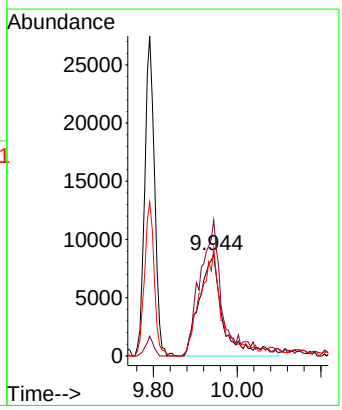
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

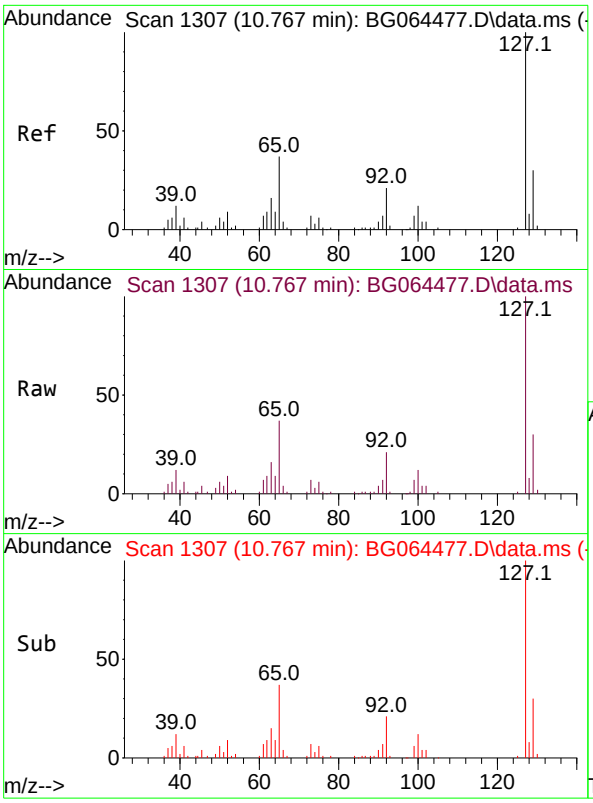


#32
Benzoic acid
Concen: 42.319 ng m
RT: 9.944 min Scan# 1167
Delta R.T. 0.055 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:122 Resp: 34057

Ion	Ratio	Lower	Upper
122	100		
105	133.9	113.9	153.9
77	106.1	86.1	126.1

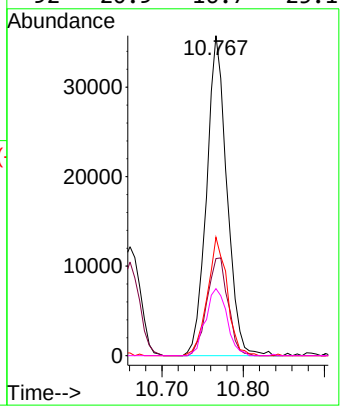




#33
4-Chloroaniline
Concen: 42.224 ng
RT: 10.767 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:127 Resp: 6203

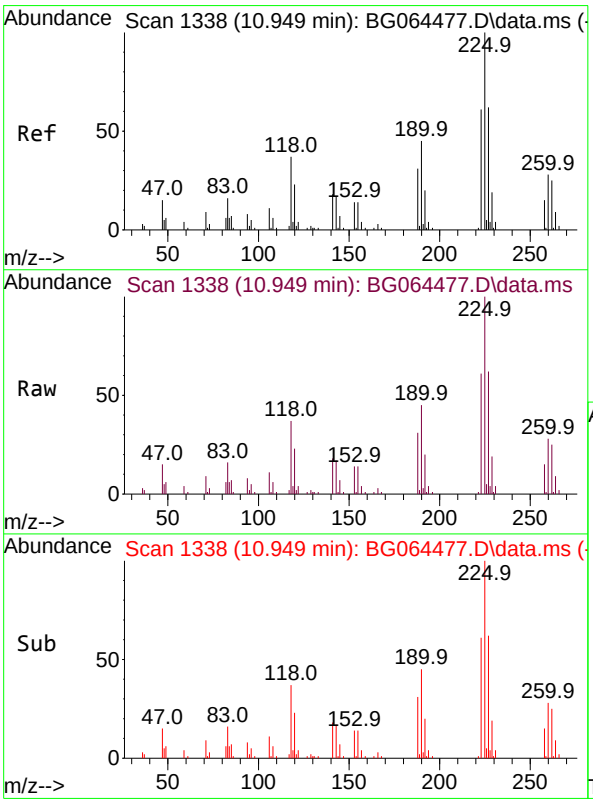
Ion	Ratio	Lower	Upper
127	100		
129	30.3	24.2	36.4
65	37.0	29.6	44.4
92	20.9	16.7	25.1



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

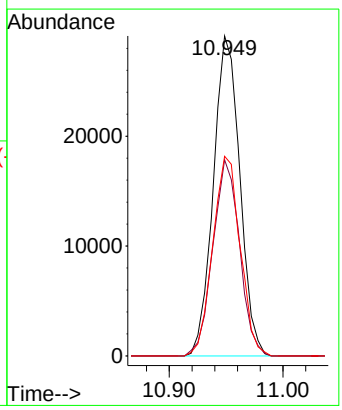
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

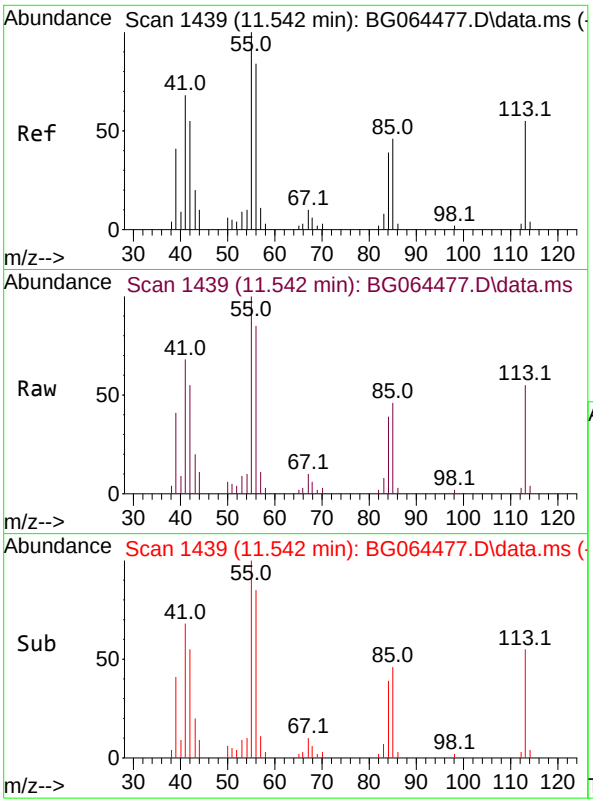


#34
Hexachlorobutadiene
Concen: 41.566 ng
RT: 10.949 min Scan# 1338
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:225 Resp: 47047

Ion	Ratio	Lower	Upper
225	100		
223	61.3	49.0	73.6
227	62.4	49.9	74.9





#35
Caprolactam
Concen: 41.118 ng
RT: 11.542 min Scan# 14
Delta R.T. 0.032 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

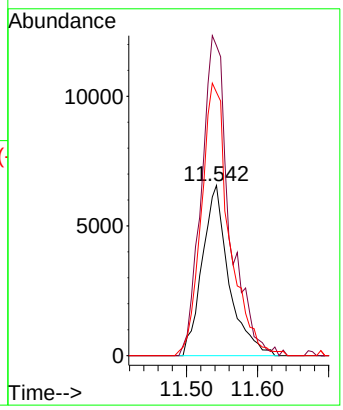
Tgt Ion:113 Resp: 1706

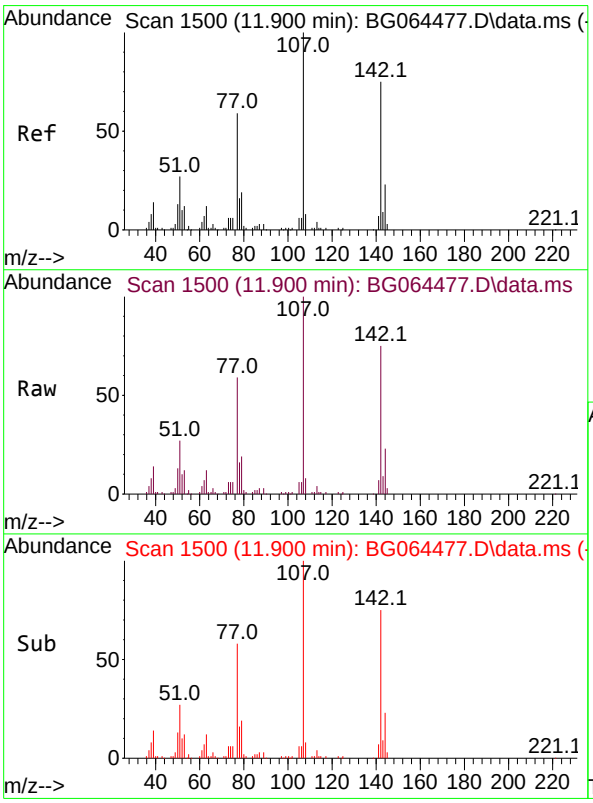
Ion	Ratio	Lower	Upper
113	100		
55	182.0	162.0	202.0
56	154.6	134.6	174.6

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations
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Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

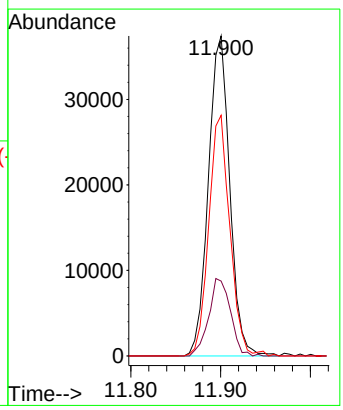


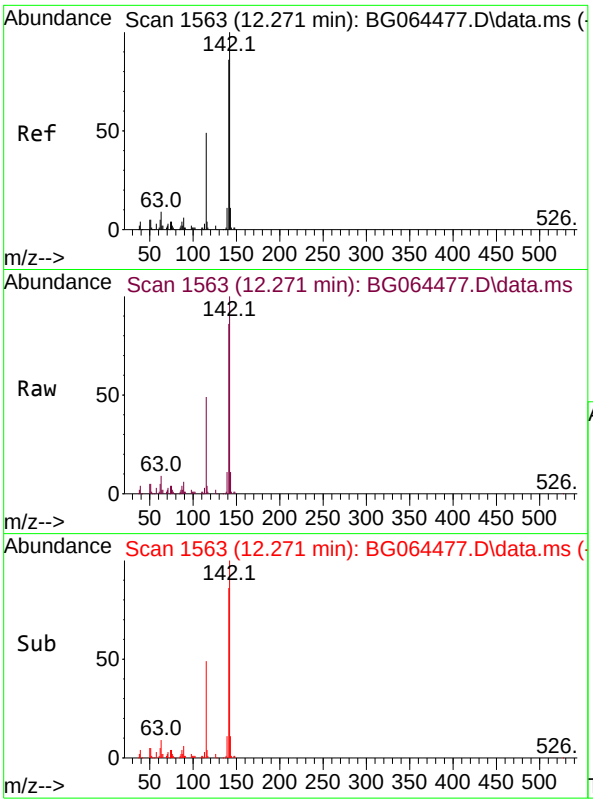


#36
4-Chloro-3-methylphenol
Concen: 42.181 ng
RT: 11.900 min Scan# 1500
Delta R.T. 0.008 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:107 Resp: 62176

Ion	Ratio	Lower	Upper
107	100		
144	23.4	18.7	28.1
142	75.2	60.2	90.2

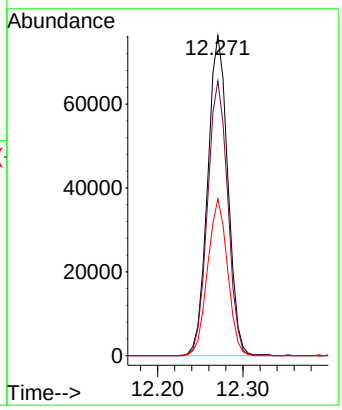




#37
2-Methylnaphthalene
Concen: 42.634 ng
RT: 12.271 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:142 Resp: 12529

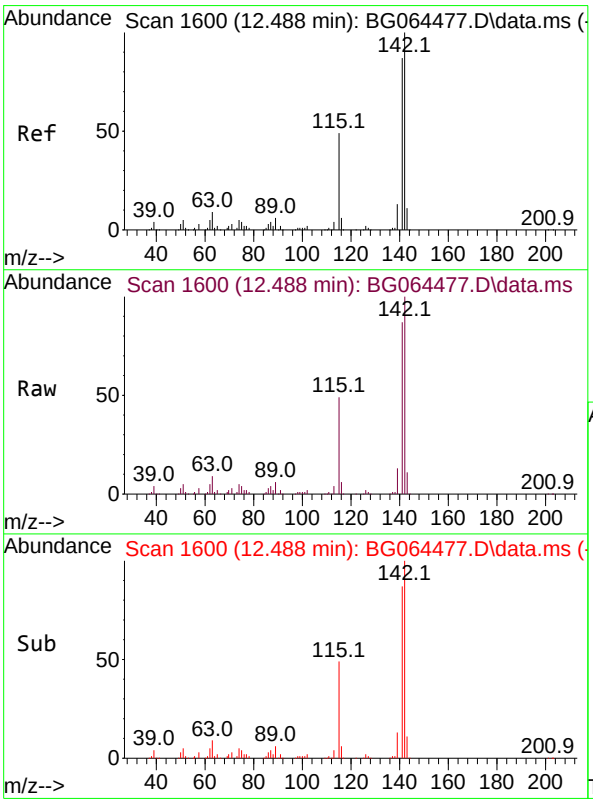
Ion	Ratio	Lower	Upper
142	100		
141	85.9	68.7	103.1
115	49.1	39.3	58.9



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

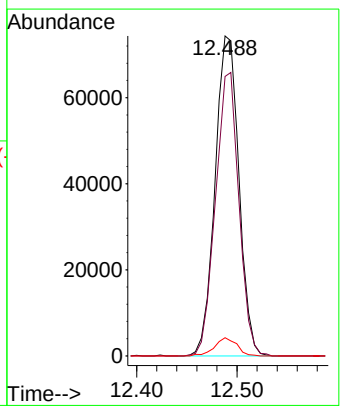
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

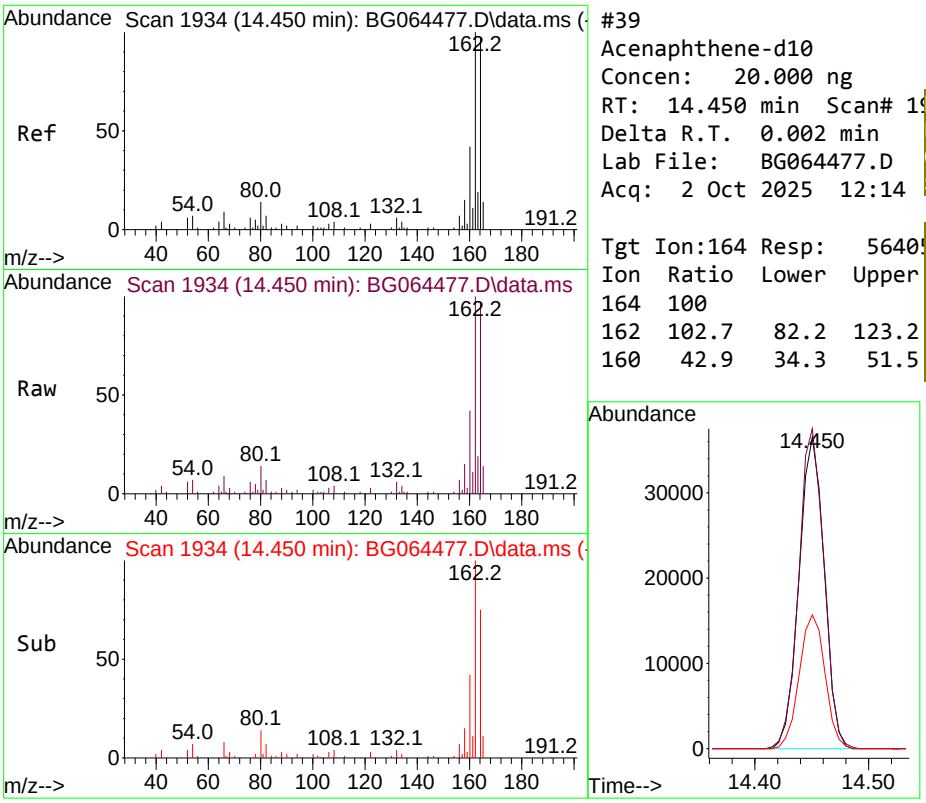


#38
1-Methylnaphthalene
Concen: 41.851 ng
RT: 12.488 min Scan# 1600
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:142 Resp: 122645

Ion	Ratio	Lower	Upper
142	100		
141	87.3	69.8	104.8
116	6.0	4.6	6.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.450 min Scan# 19
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

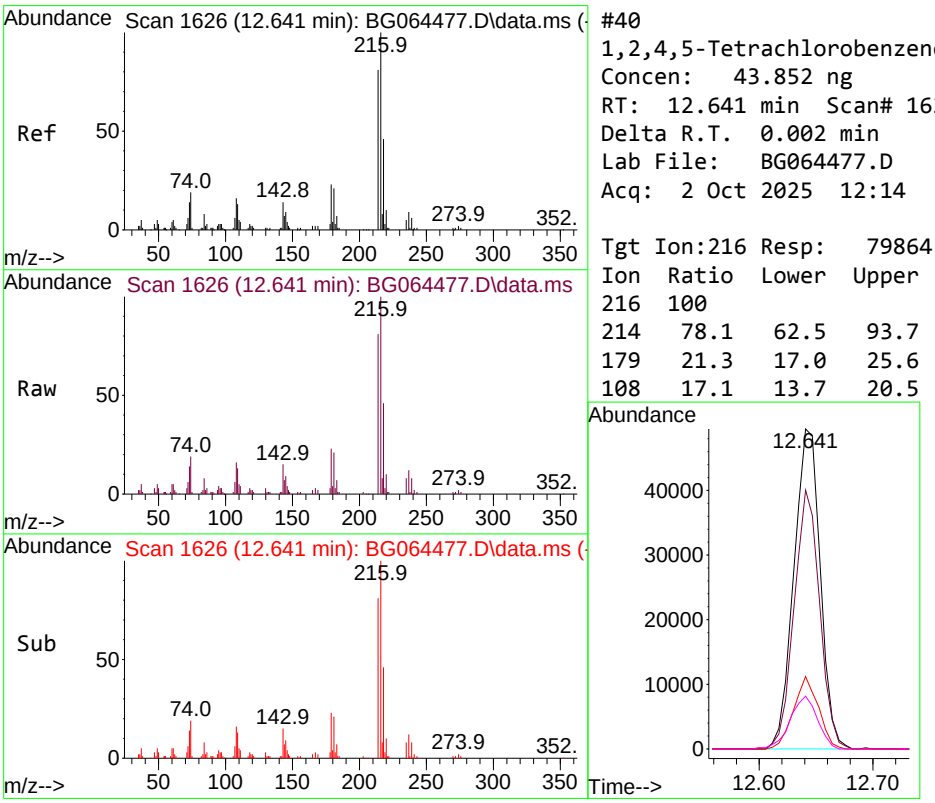
Tgt Ion:164 Resp: 5640

Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.2	123.2
160	42.9	34.3	51.5

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

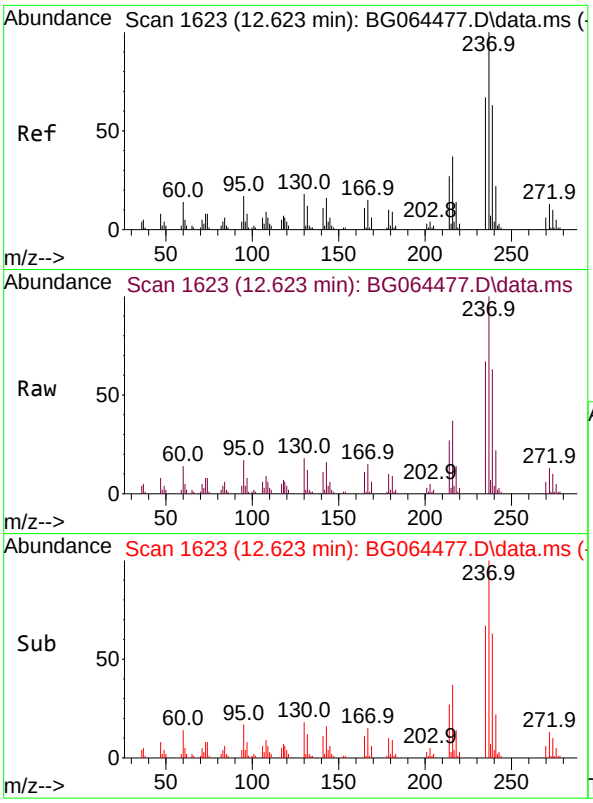
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.852 ng
RT: 12.641 min Scan# 1626
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:216 Resp: 79864

Ion	Ratio	Lower	Upper
216	100		
214	78.1	62.5	93.7
179	21.3	17.0	25.6
108	17.1	13.7	20.5



#41
Hexachlorocyclopentadiene
Concen: 42.981 ng
RT: 12.623 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

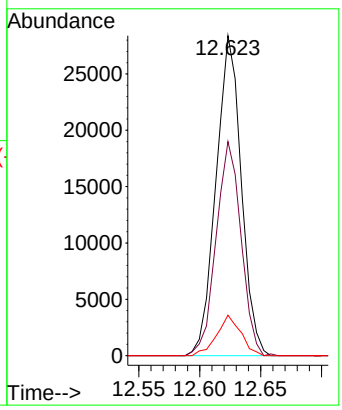
Tgt Ion:237 Resp: 4094

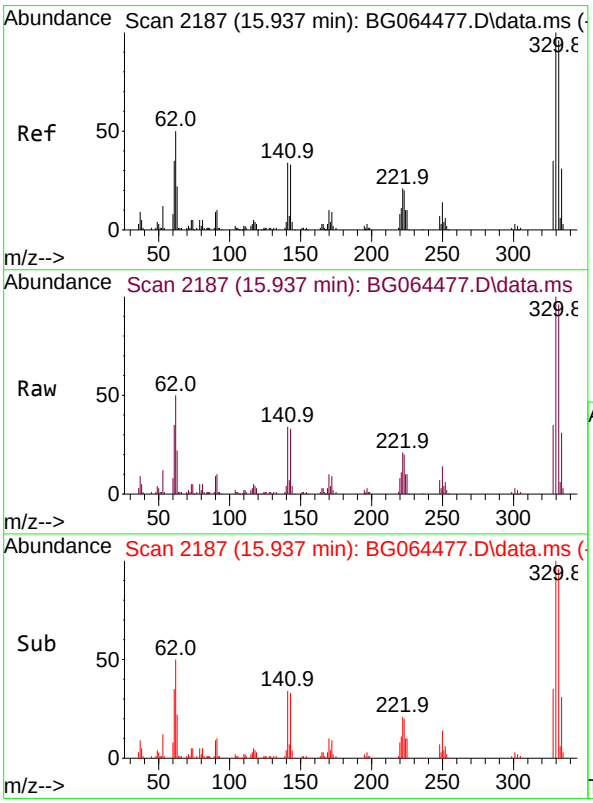
Ion	Ratio	Lower	Upper
237	100		
235	66.9	46.9	86.9
272	12.6	0.0	32.6

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations
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Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

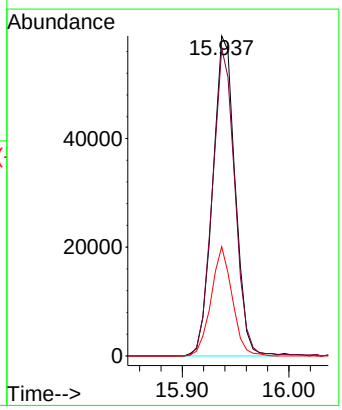


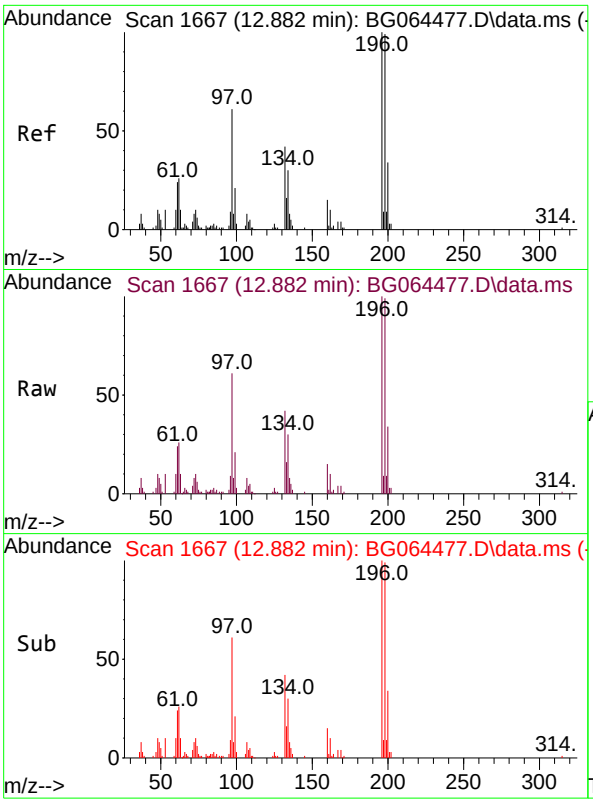


#42
2,4,6-Tribromophenol
Concen: 83.995 ng
RT: 15.937 min Scan# 2187
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:330 Resp: 85878

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.4	116.0
141	32.2	25.8	38.6

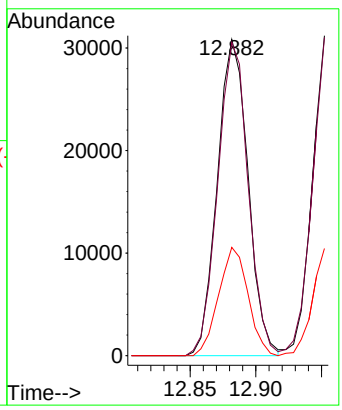




#43
2,4,6-Trichlorophenol
Concen: 43.159 ng
RT: 12.882 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:196 Resp: 5024

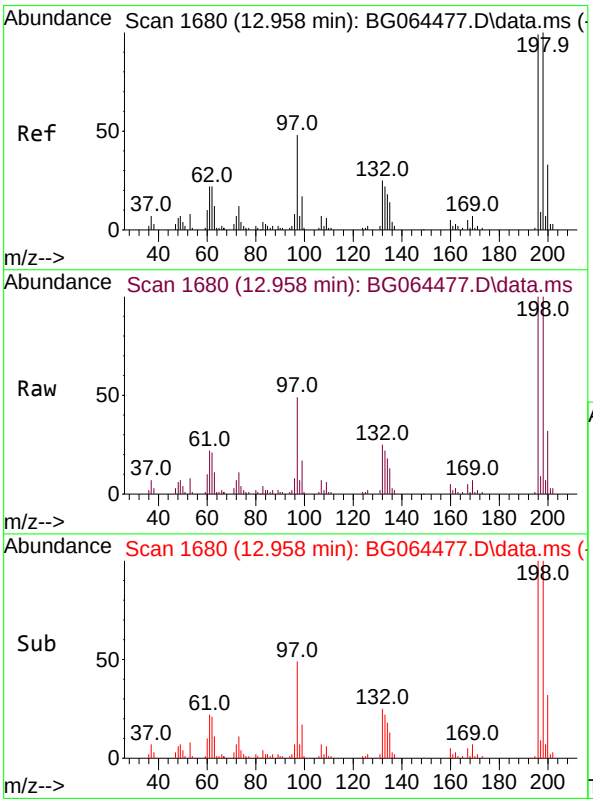
Ion	Ratio	Lower	Upper
196	100		
198	99.1	79.3	118.9
200	34.3	27.4	41.2



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

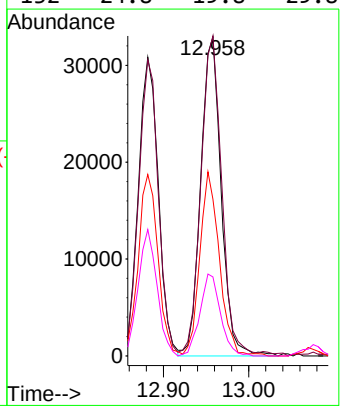
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

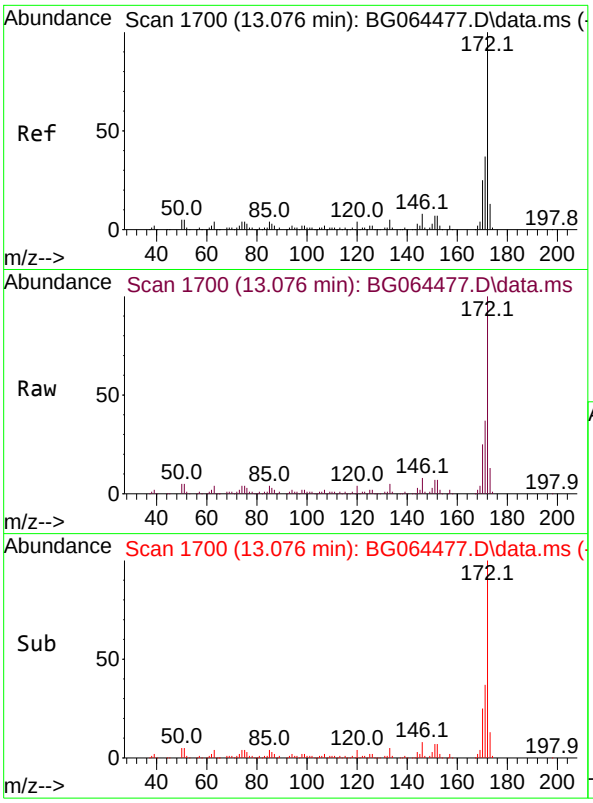


#44
2,4,5-Trichlorophenol
Concen: 42.147 ng
RT: 12.958 min Scan# 1680
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:196 Resp: 54781

Ion	Ratio	Lower	Upper
196	100		
198	100.4	80.3	120.5
97	49.2	39.4	59.0
132	24.8	19.8	29.8

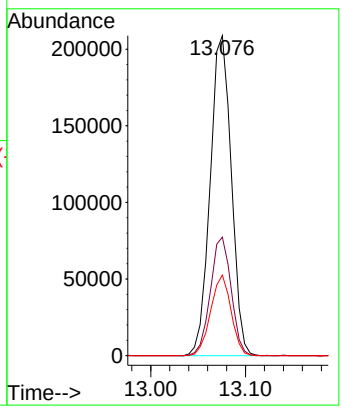




#45
2-Fluorobiphenyl
Concen: 84.566 ng
RT: 13.076 min Scan# 1
Delta R.T. 0.008 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:172 Resp: 32360

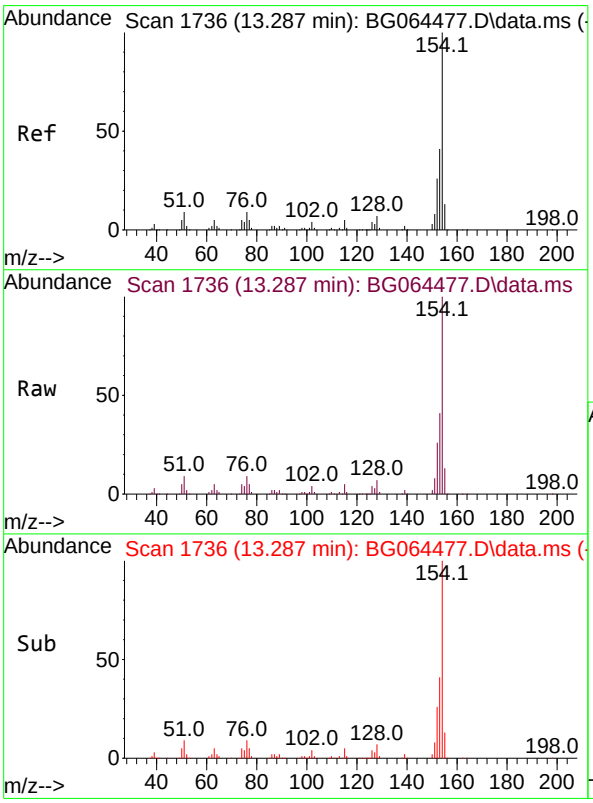
Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.6	44.4
170	25.2	20.2	30.2



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

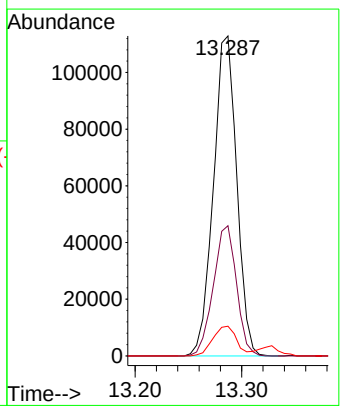
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

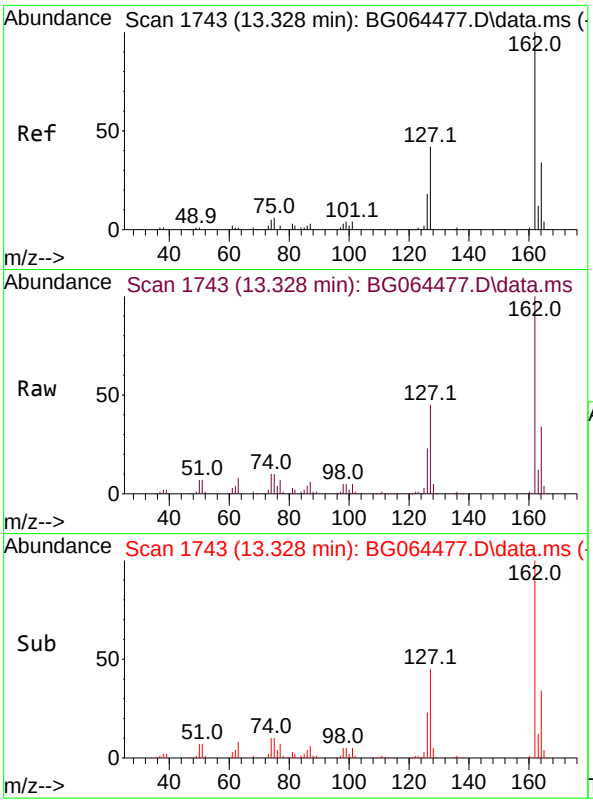


#46
1,1'-Biphenyl
Concen: 42.286 ng
RT: 13.287 min Scan# 1736
Delta R.T. 0.008 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:154 Resp: 171549

Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.7	60.7
76	9.3	0.0	29.3

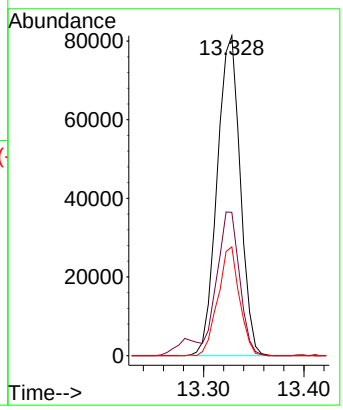




#47
2-Chloronaphthalene
Concen: 42.951 ng
RT: 13.328 min Scan# 1
Delta R.T. 0.008 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:162 Resp: 13009

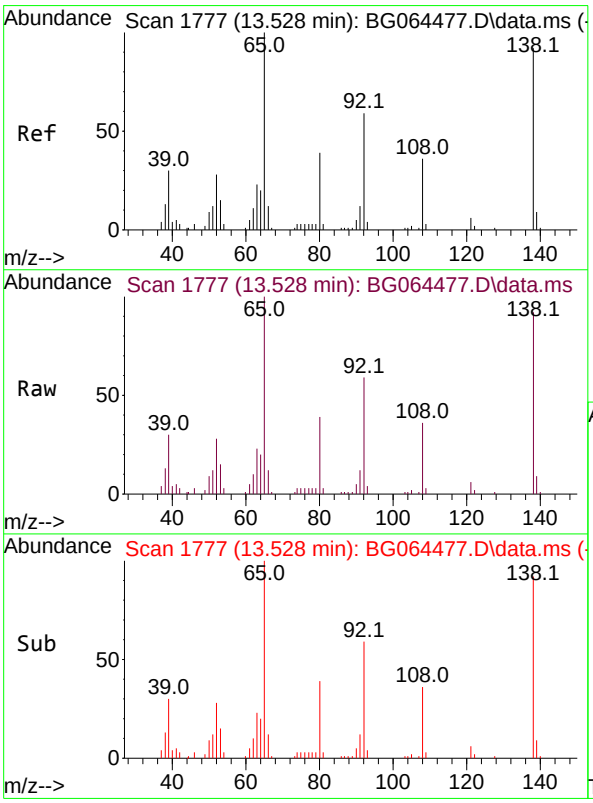
Ion	Ratio	Lower	Upper
162	100		
127	44.8	35.8	53.8
164	34.0	27.2	40.8



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

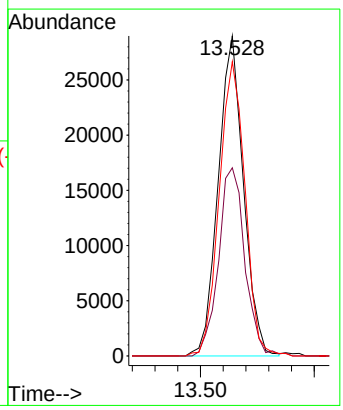
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

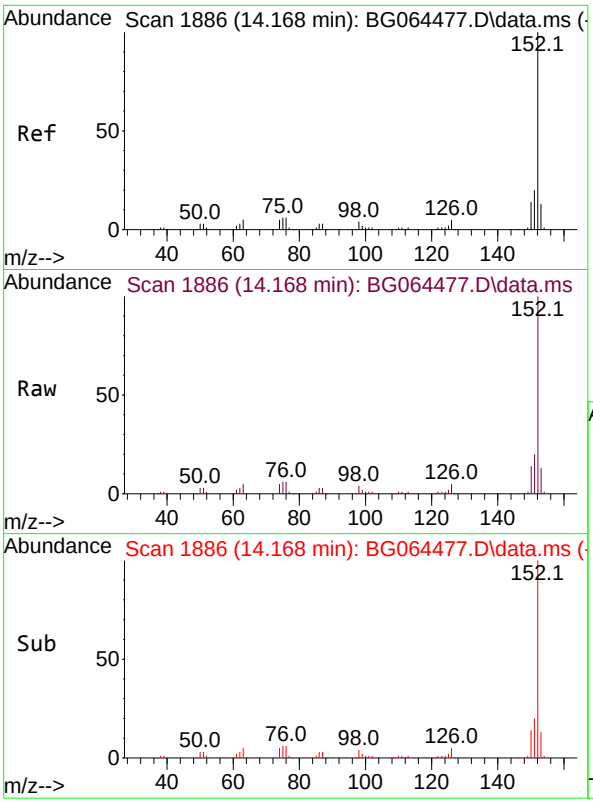


#48
2-Nitroaniline
Concen: 43.302 ng
RT: 13.528 min Scan# 1777
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion: 65 Resp: 44764

Ion	Ratio	Lower	Upper
65	100		
92	58.8	47.0	70.6
138	91.9	73.5	110.3





#49
Acenaphthylene
Concen: 42.745 ng
RT: 14.168 min Scan# 18
Delta R.T. -0.003 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

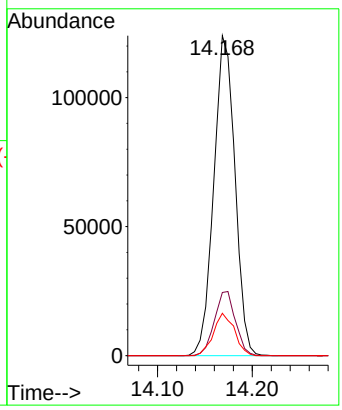
Tgt Ion:152 Resp: 19219

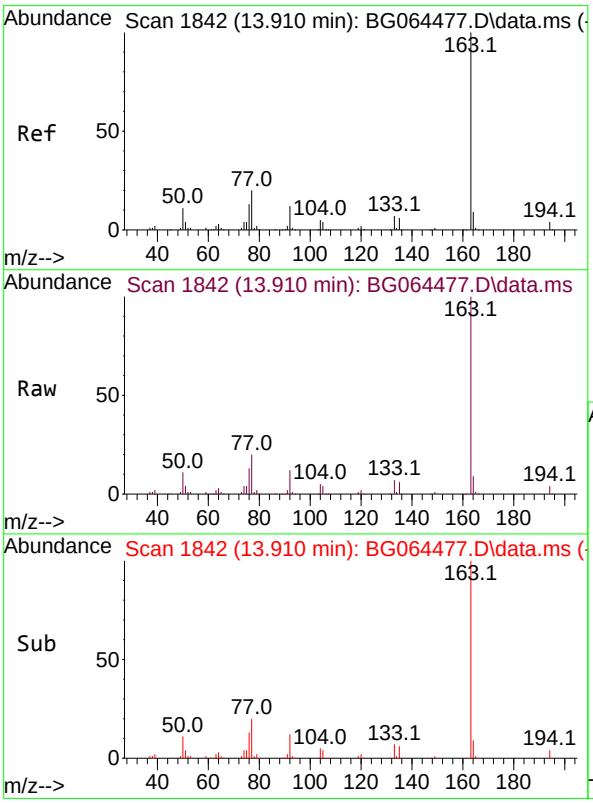
Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	13.2	10.6	15.8

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

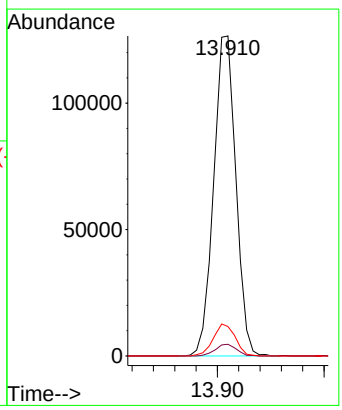


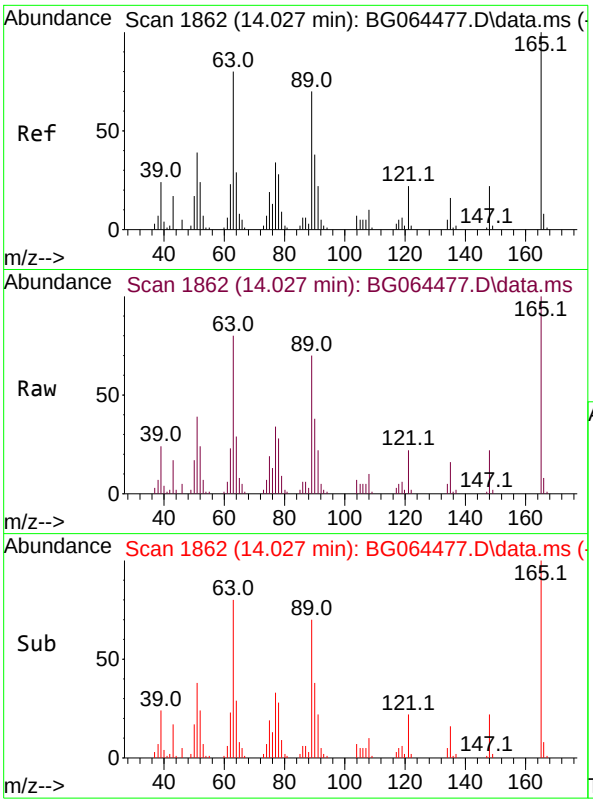


#50
Dimethylphthalate
Concen: 41.482 ng
RT: 13.910 min Scan# 1842
Delta R.T. 0.008 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:163 Resp: 183253

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.9	4.3
164	9.2	7.4	11.0





#51
2,6-Dinitrotoluene
Concen: 41.318 ng
RT: 14.027 min Scan# 18
Delta R.T. 0.008 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

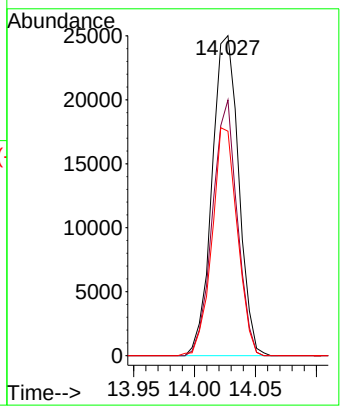
Tgt Ion:165 Resp: 3802

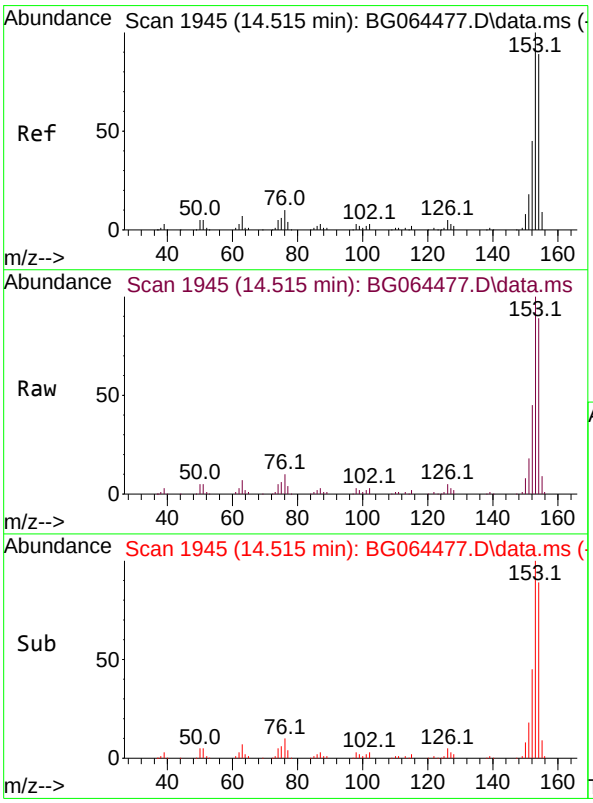
Ion	Ratio	Lower	Upper
165	100		
63	79.9	63.9	95.9
89	70.1	56.1	84.1

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

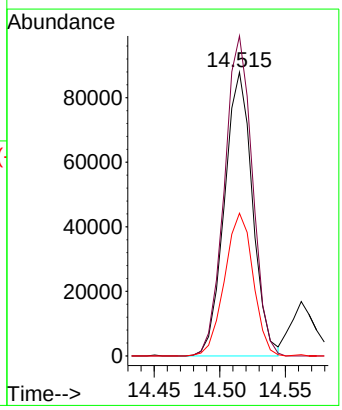


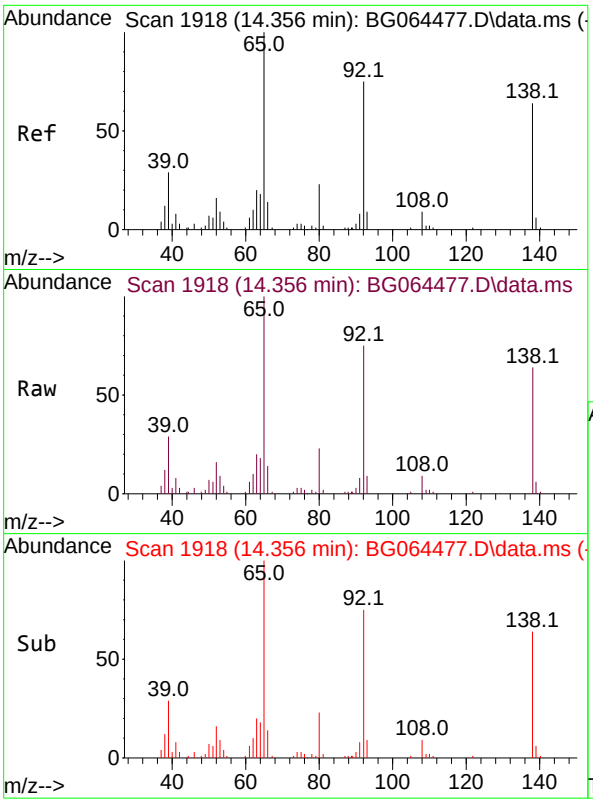


#52
Acenaphthene
Concen: 41.846 ng
RT: 14.515 min Scan# 1945
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:154 Resp: 130718

Ion	Ratio	Lower	Upper
154	100		
153	112.8	90.2	135.4
152	50.3	40.2	60.4

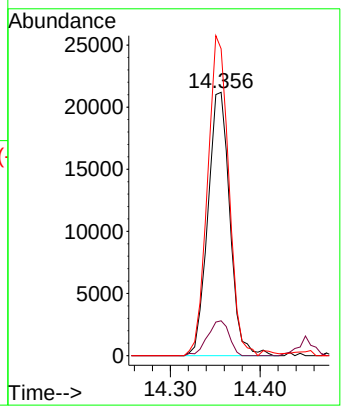




#53
3-Nitroaniline
Concen: 42.448 ng
RT: 14.356 min Scan# 19
Delta R.T. 0.008 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:138 Resp: 3602

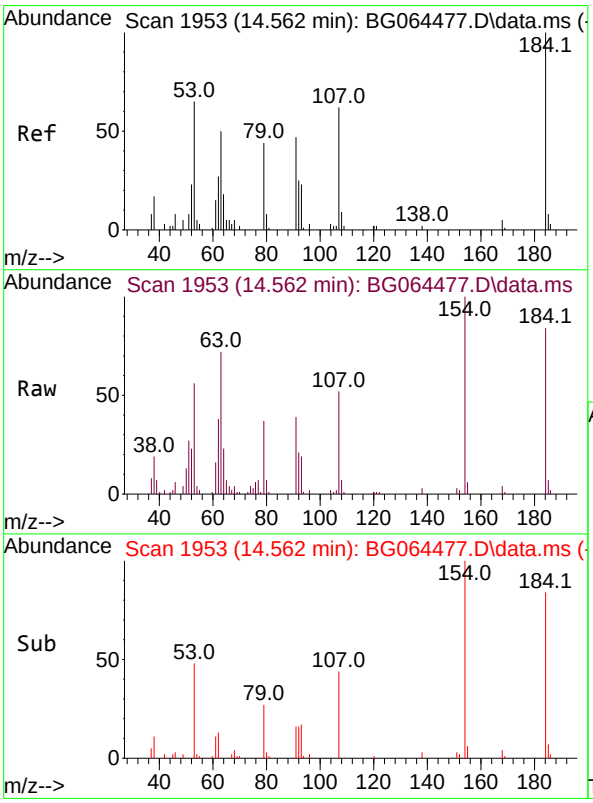
Ion	Ratio	Lower	Upper
138	100		
108	13.2	10.6	15.8
92	116.5	93.2	139.8



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

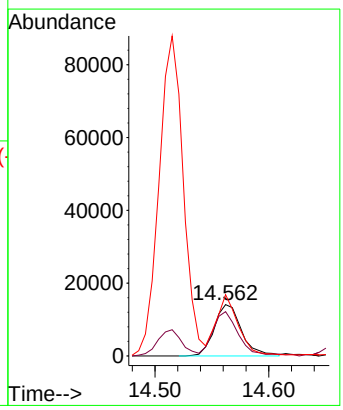
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

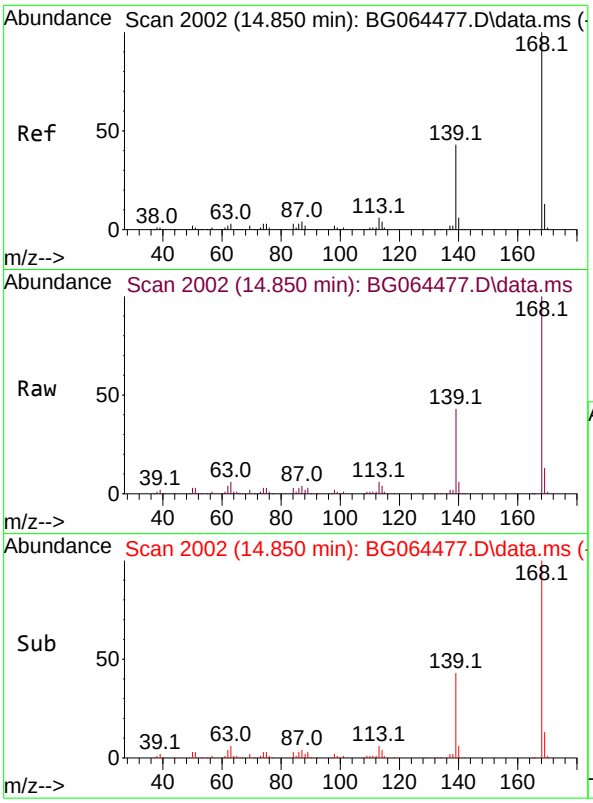


#54
2,4-Dinitrophenol
Concen: 35.006 ng
RT: 14.562 min Scan# 1953
Delta R.T. -0.003 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:184 Resp: 23359

Ion	Ratio	Lower	Upper
184	100		
63	86.2	69.0	103.4
154	119.5	95.6	143.4

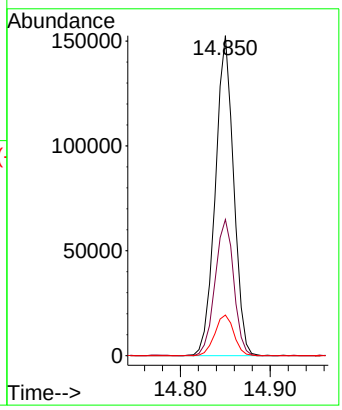




#55
Dibenzofuran
Concen: 41.749 ng
RT: 14.850 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:168 Resp: 21533

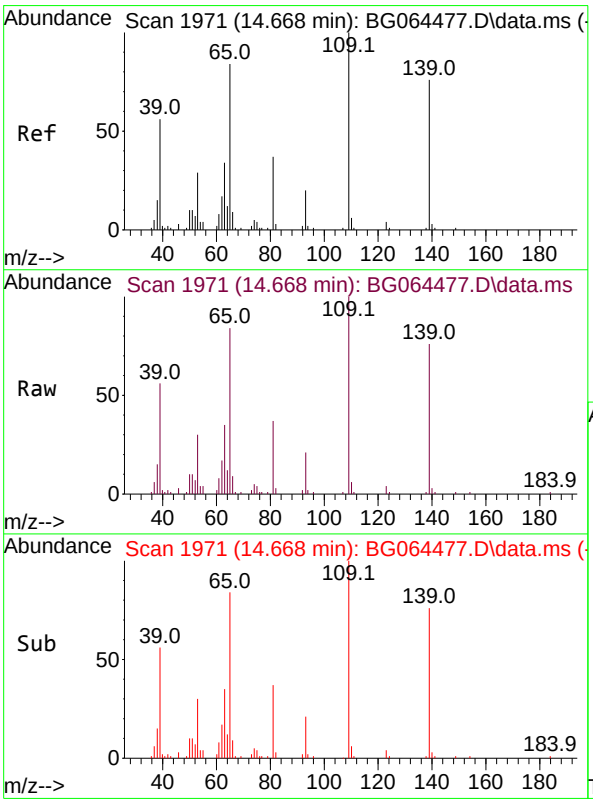
Ion	Ratio	Lower	Upper
168	100		
139	42.5	34.0	51.0
169	12.7	10.2	15.2



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

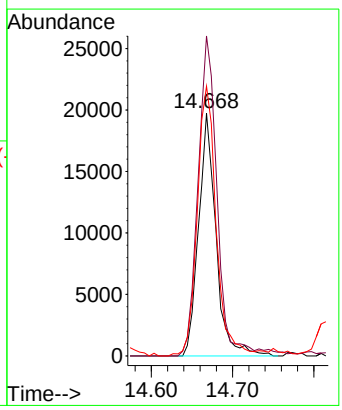
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

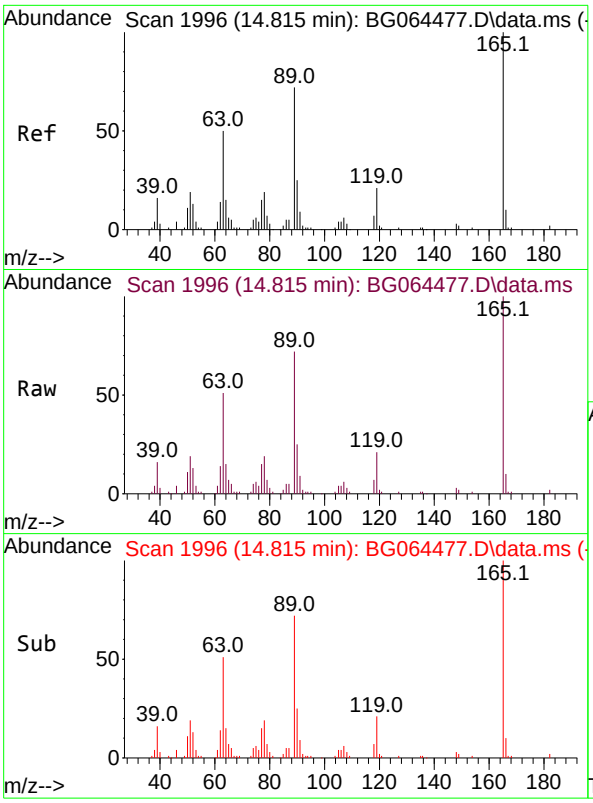


#56
4-Nitrophenol
Concen: 43.974 ng
RT: 14.668 min Scan# 1971
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:139 Resp: 29383

Ion	Ratio	Lower	Upper
139	100		
109	131.8	111.8	151.8
65	111.1	91.1	131.1

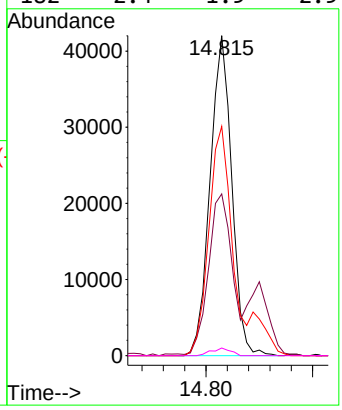




#57
2,4-Dinitrotoluene
Concen: 42.268 ng
RT: 14.815 min Scan# 19
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:165 Resp: 5946

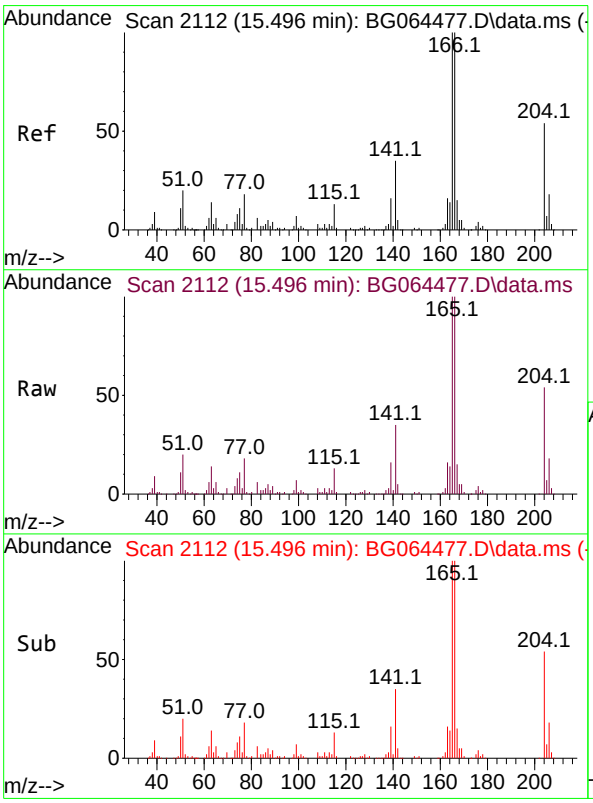
Ion	Ratio	Lower	Upper
165	100		
63	50.5	40.4	60.6
89	71.6	57.3	85.9
182	2.4	1.9	2.9



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

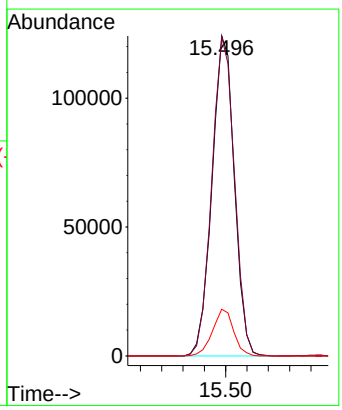
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

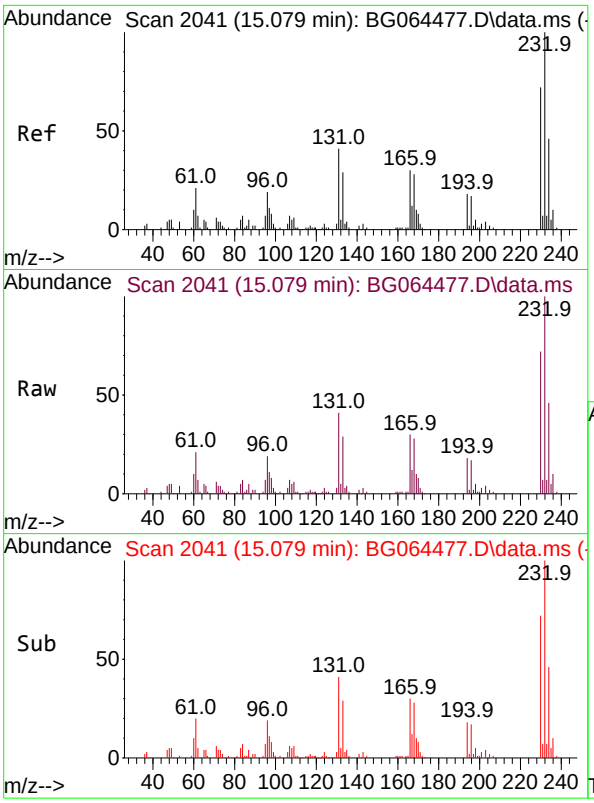


#58
Fluorene
Concen: 42.112 ng
RT: 15.496 min Scan# 2112
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:166 Resp: 180574

Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.8	119.6
167	14.6	11.7	17.5

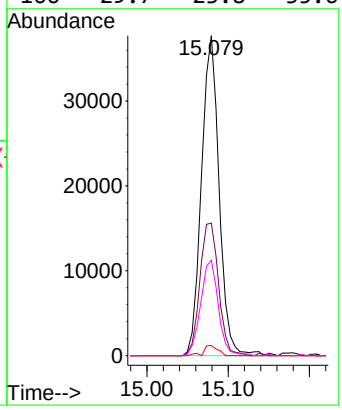




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.971 ng
RT: 15.079 min Scan# 20
Delta R.T. 0.008 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:232 Resp: 5700

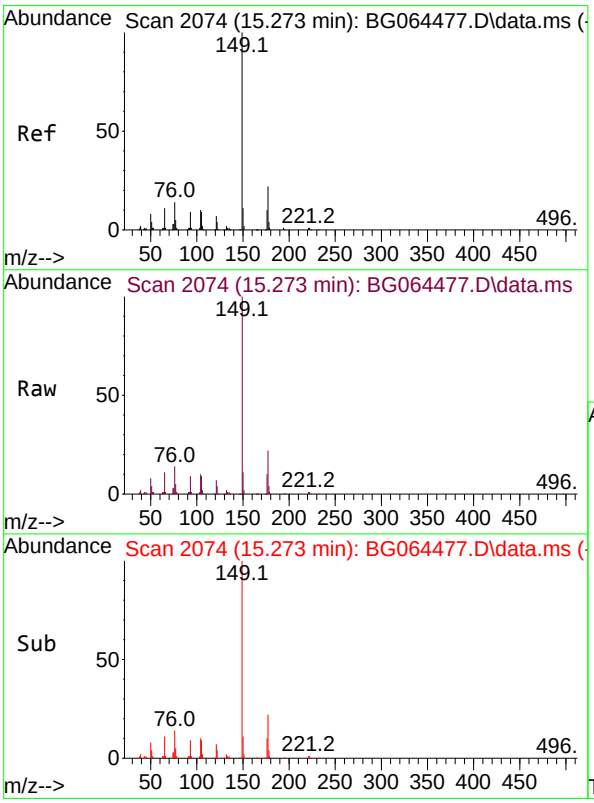
Ion	Ratio	Lower	Upper
232	100		
131	43.7	35.0	52.4
130	2.5	2.0	3.0
166	29.7	23.8	35.6



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

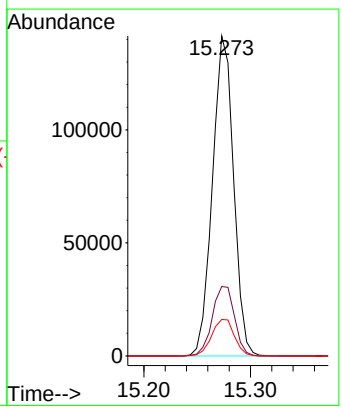
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

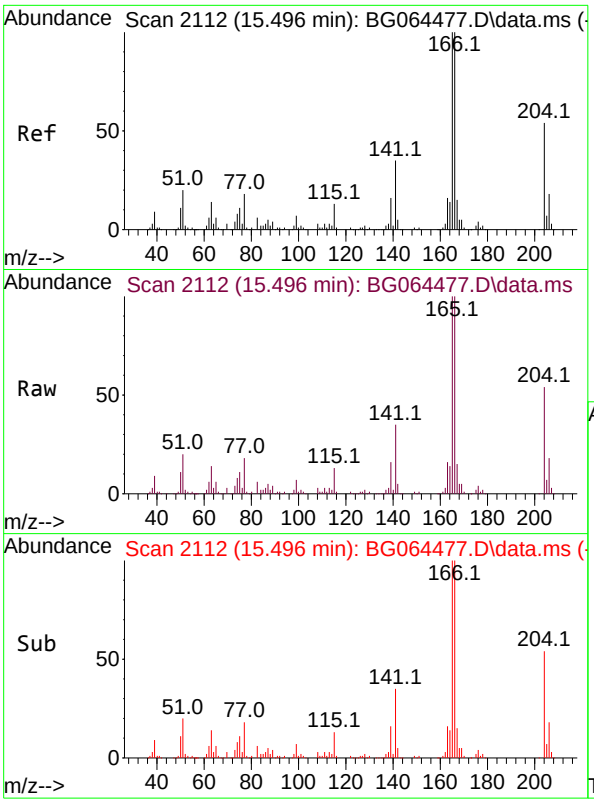


#60
Diethylphthalate
Concen: 41.179 ng
RT: 15.273 min Scan# 2074
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:149 Resp: 195149

Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.4	26.0
150	11.4	9.1	13.7

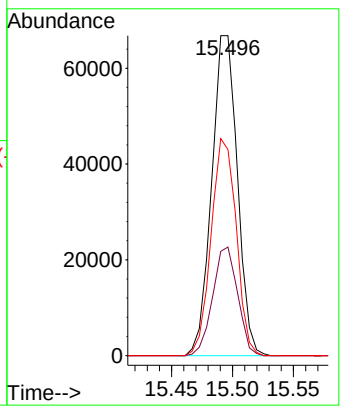




#61
4-Chlorophenyl-phenylether
Concen: 41.818 ng
RT: 15.496 min Scan# 21
Delta R.T. 0.008 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:204 Resp: 9789

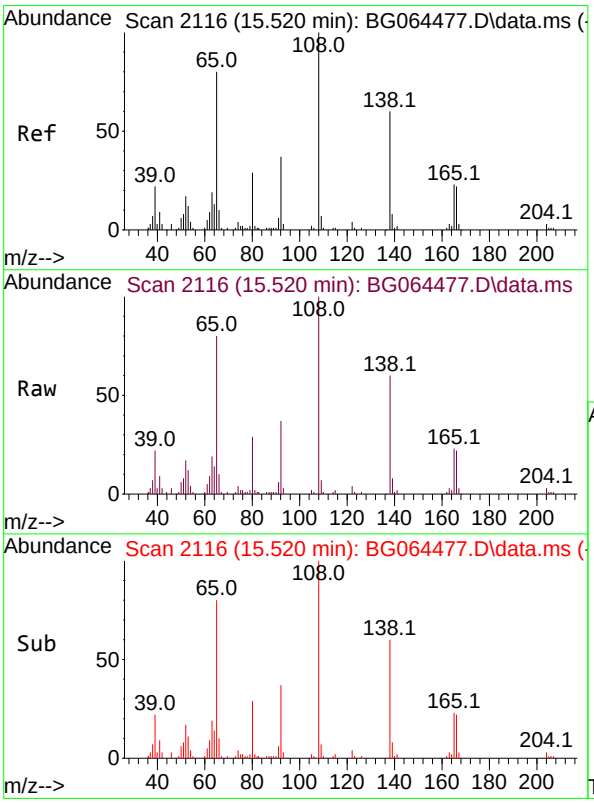
Ion	Ratio	Lower	Upper
204	100		
206	33.9	27.1	40.7
141	64.4	51.5	77.3



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

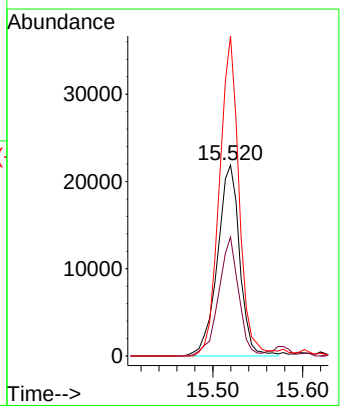
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

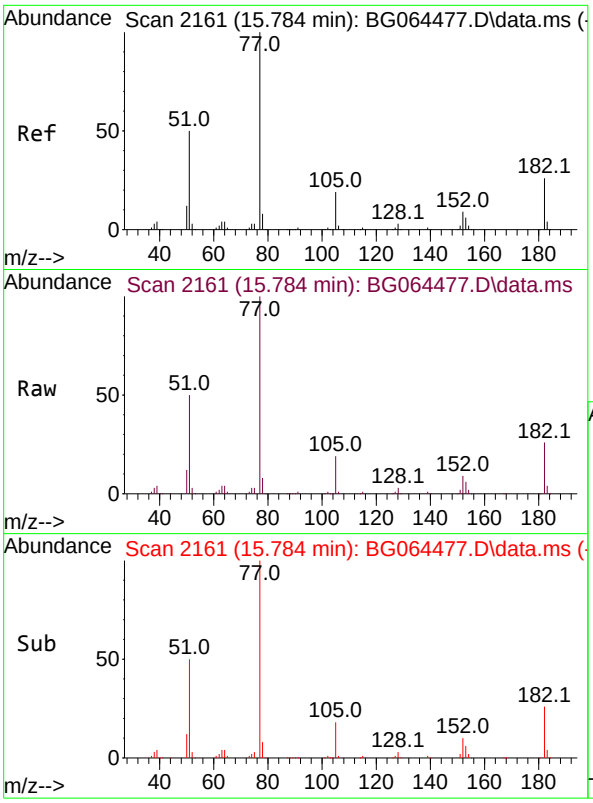


#62
4-Nitroaniline
Concen: 42.613 ng
RT: 15.520 min Scan# 2116
Delta R.T. 0.008 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:138 Resp: 37694

Ion	Ratio	Lower	Upper
138	100		
92	62.3	42.3	82.3
108	167.7	147.7	187.7

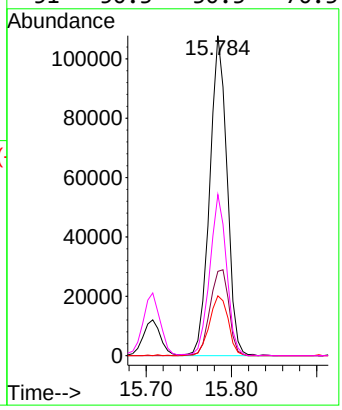




#63
Azobenzene
Concen: 41.381 ng
RT: 15.784 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion: 77 Resp: 15187

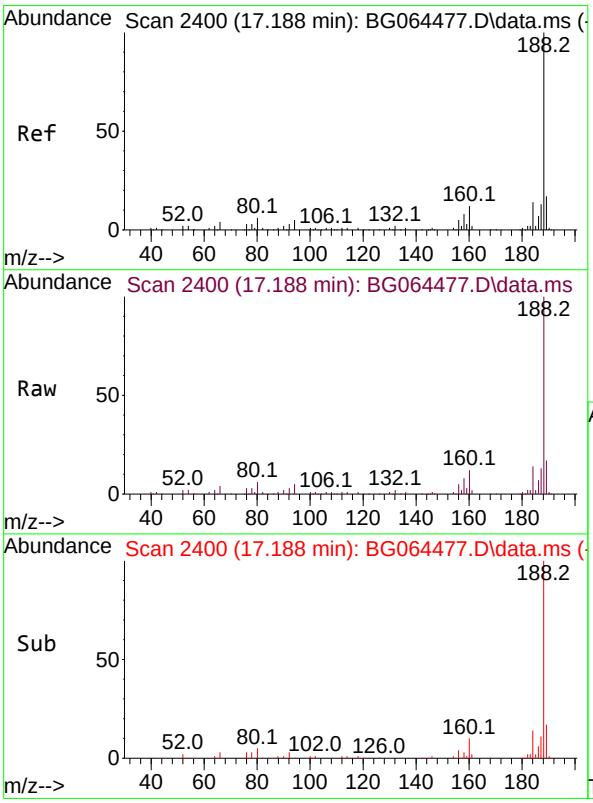
Ion	Ratio	Lower	Upper
77	100		
182	26.3	6.3	46.3
105	18.7	0.0	38.7
51	50.3	30.3	70.3



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

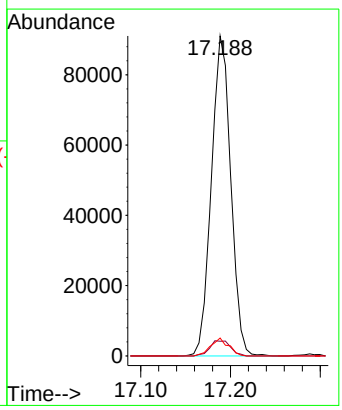
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

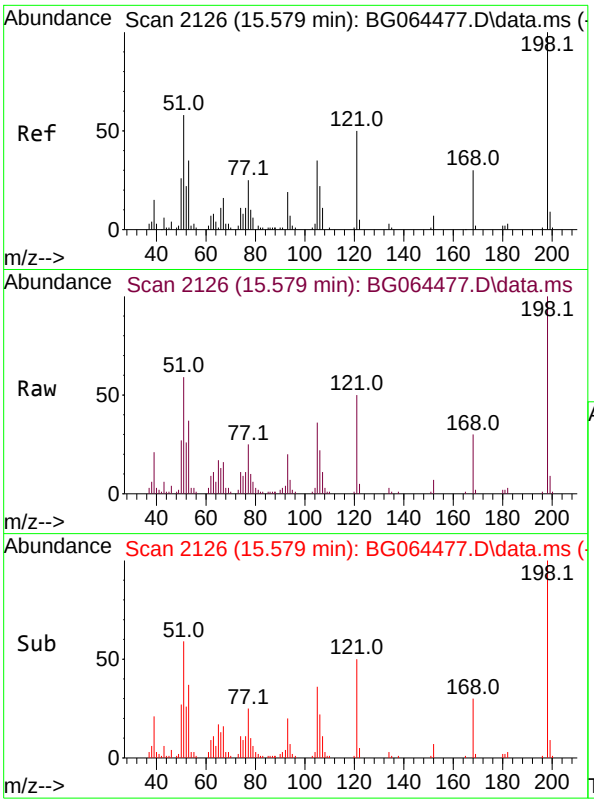


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.188 min Scan# 2400
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:188 Resp: 137065

Ion	Ratio	Lower	Upper
188	100		
94	4.6	3.7	5.5
80	5.6	4.5	6.7





#65
4,6-Dinitro-2-methylphenol
Concen: 41.634 ng
RT: 15.579 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

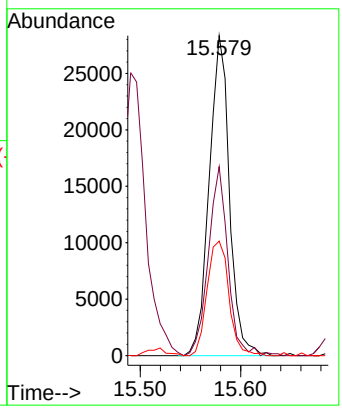
Tgt Ion:198 Resp: 3973

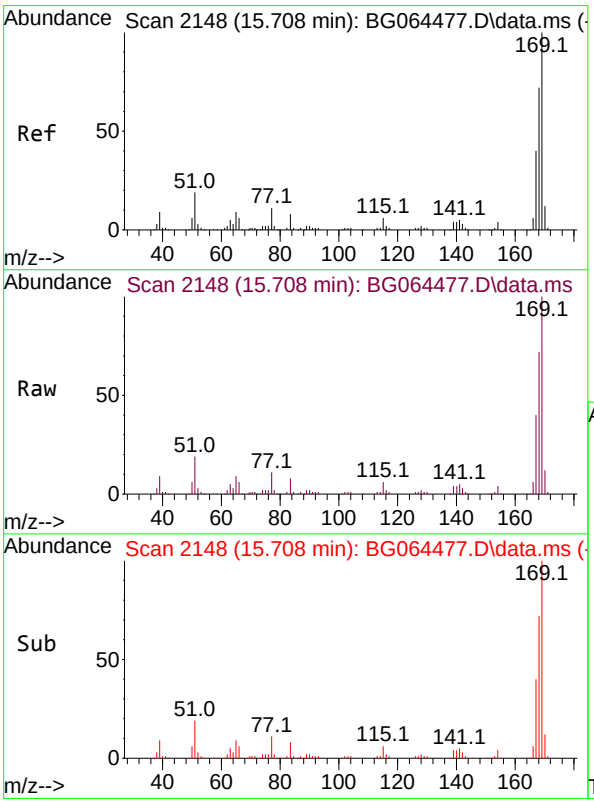
Ion	Ratio	Lower	Upper
198	100		
51	59.0	39.0	79.0
105	35.8	15.8	55.8

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

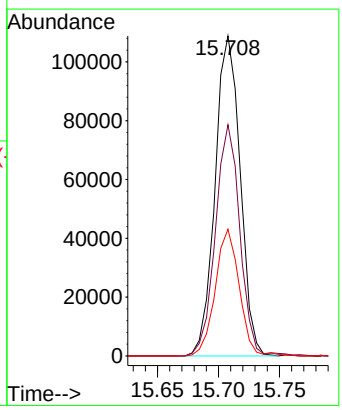


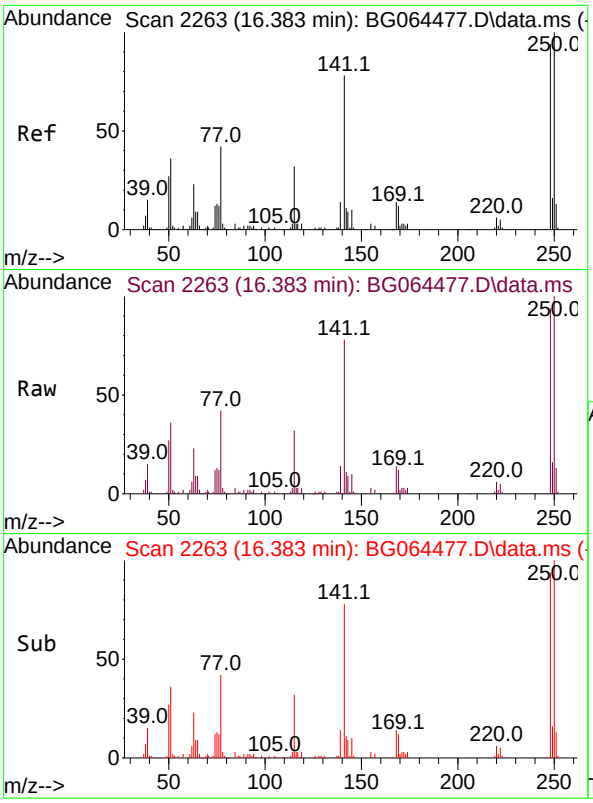


#66
n-Nitrosodiphenylamine
Concen: 42.580 ng
RT: 15.708 min Scan# 2148
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:169 Resp: 155849

Ion	Ratio	Lower	Upper
169	100		
168	72.2	57.8	86.6
167	39.6	31.7	47.5





#67
4-Bromophenyl-phenylether
Concen: 43.066 ng
RT: 16.383 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

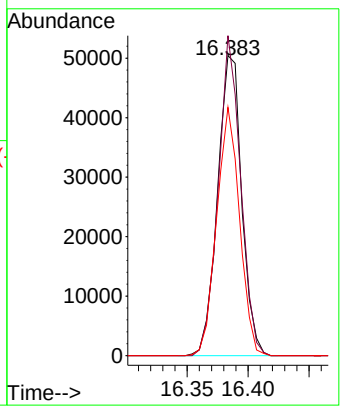
Tgt Ion:248 Resp: 6946

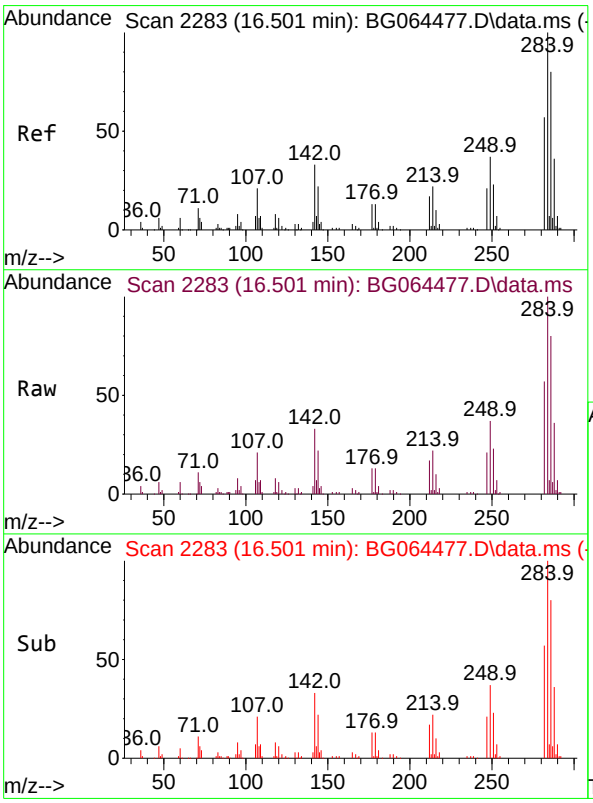
Ion	Ratio	Lower	Upper
248	100		
250	106.6	85.3	127.9
141	82.7	66.2	99.2

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

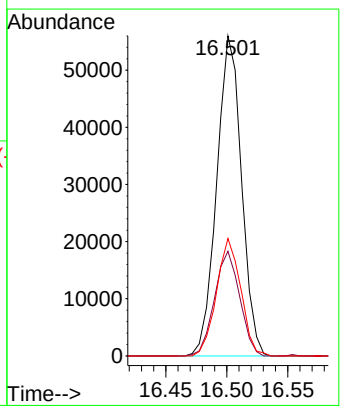


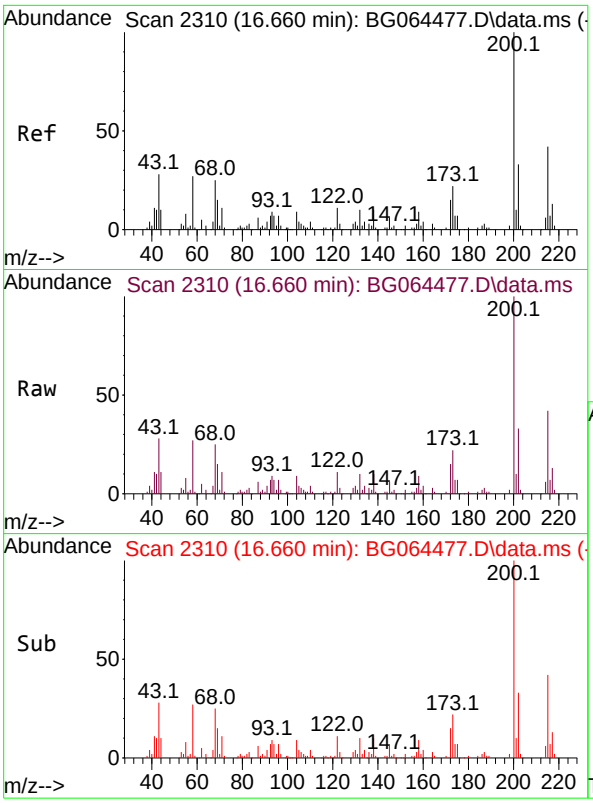


#68
Hexachlorobenzene
Concen: 42.809 ng
RT: 16.501 min Scan# 2283
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:284 Resp: 79010

Ion	Ratio	Lower	Upper
284	100		
142	32.7	26.2	39.2
249	36.7	29.4	44.0

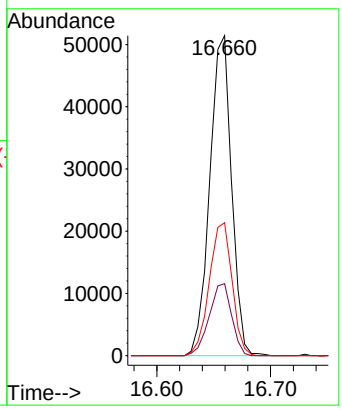




#69
Atrazine
Concen: 42.039 ng
RT: 16.660 min Scan# 2
Delta R.T. 0.008 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:200 Resp: 6845

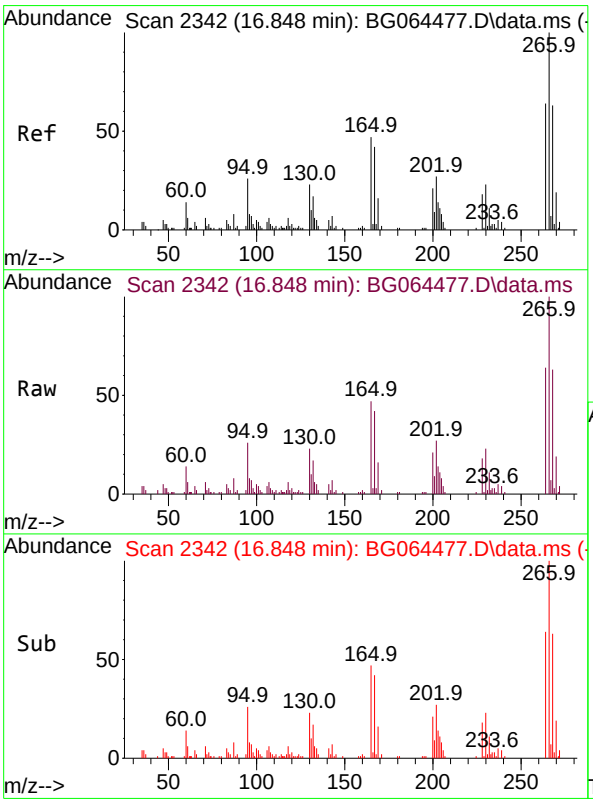
Ion	Ratio	Lower	Upper
200	100		
173	22.5	2.5	42.5
215	41.5	21.5	61.5



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

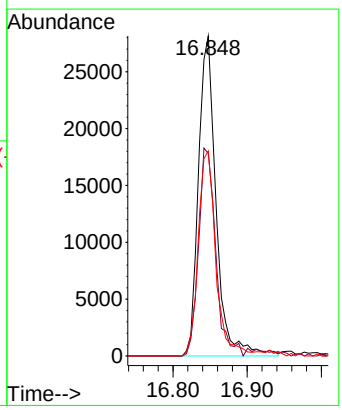
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

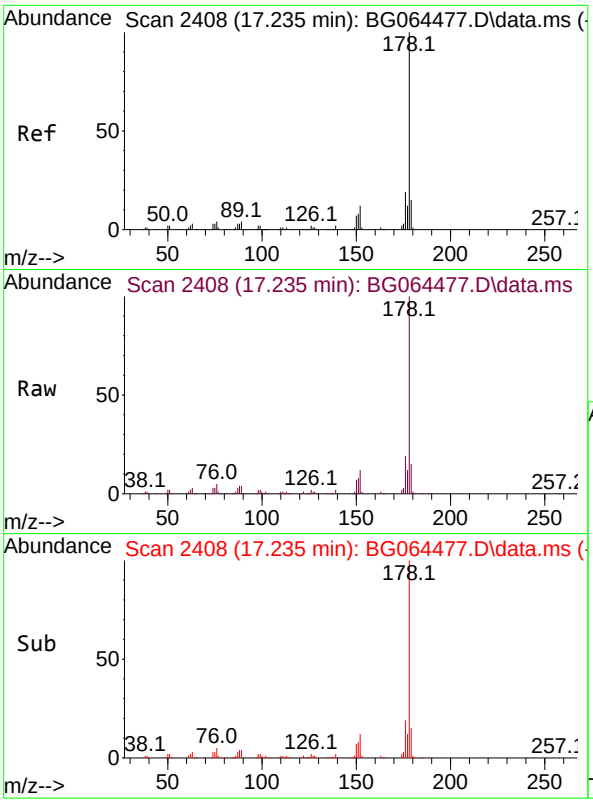


#70
Pentachlorophenol
Concen: 43.049 ng
RT: 16.848 min Scan# 2342
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:266 Resp: 46456

Ion	Ratio	Lower	Upper
266	100		
268	63.2	50.6	75.8
264	64.0	51.2	76.8

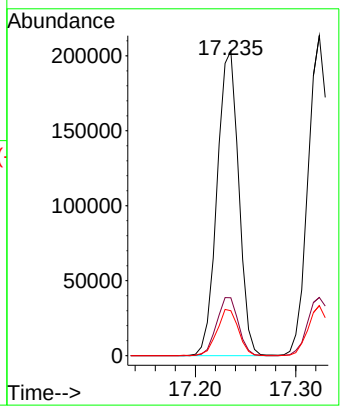




#71
Phenanthrene
Concen: 42.473 ng
RT: 17.235 min Scan# 24
Delta R.T. 0.008 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:178 Resp: 30444

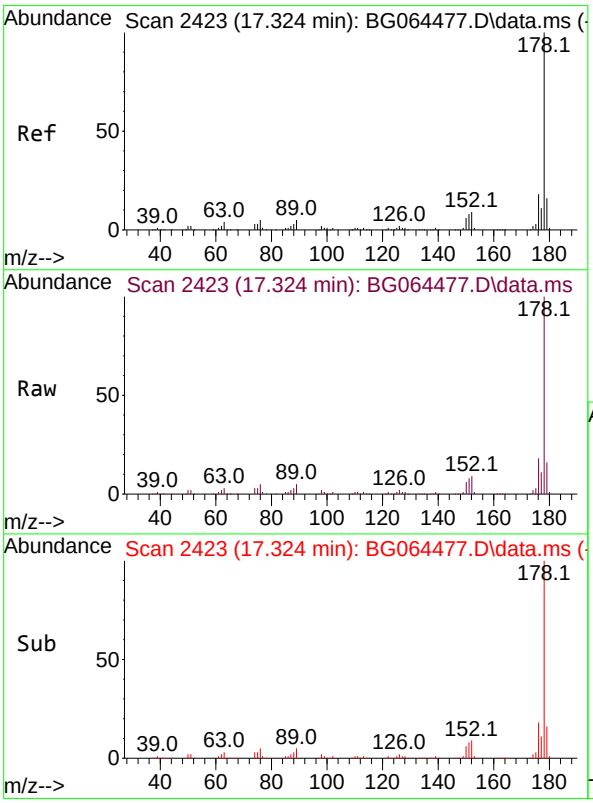
Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	14.7	11.8	17.6



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

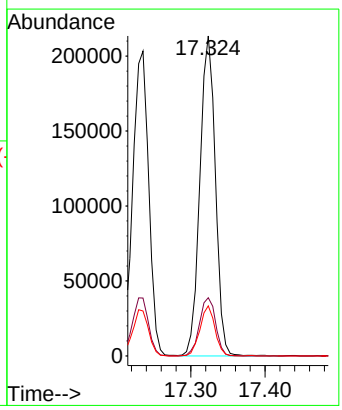
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

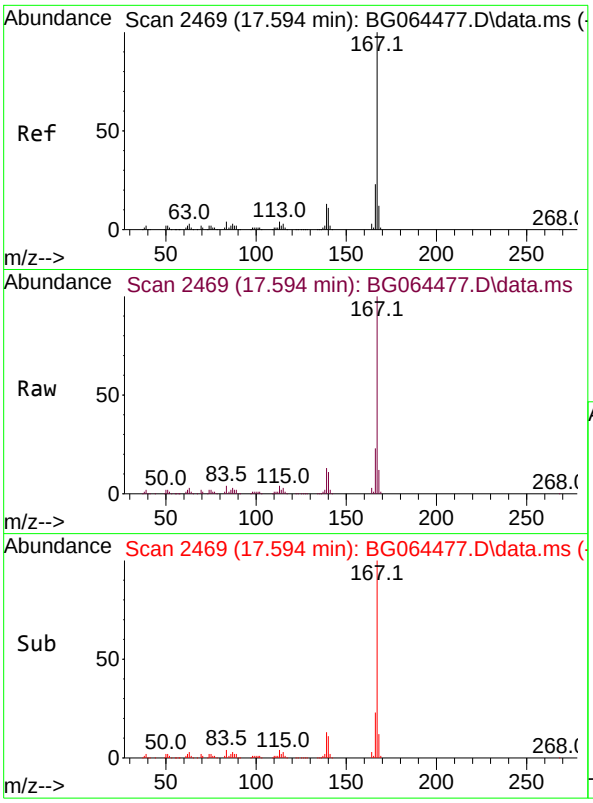


#72
Anthracene
Concen: 43.082 ng
RT: 17.324 min Scan# 2423
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:178 Resp: 309798

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	21.8
179	15.6	12.5	18.7

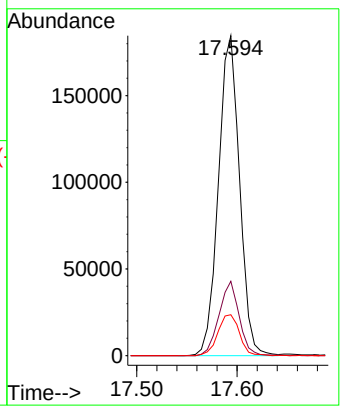




#73
Carbazole
Concen: 43.520 ng
RT: 17.594 min Scan# 24
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:167 Resp: 27050

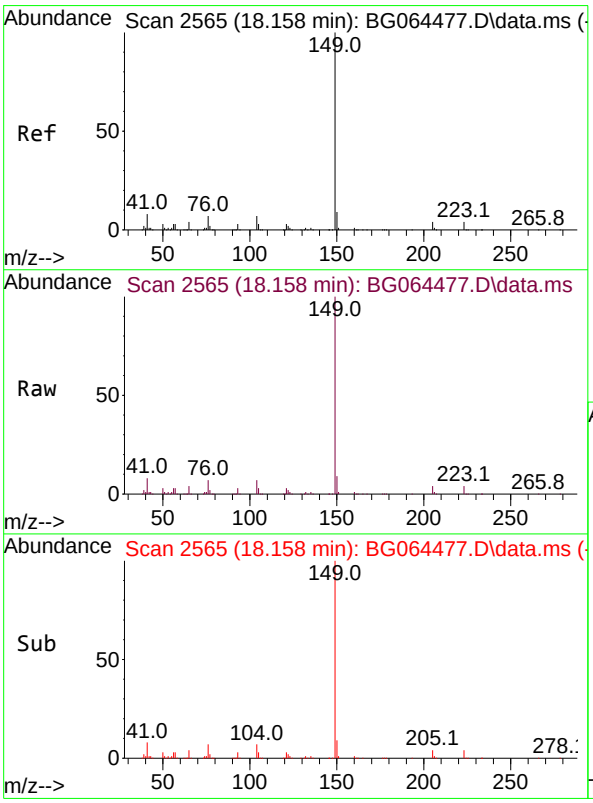
Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.6	27.8
139	12.8	10.2	15.4



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

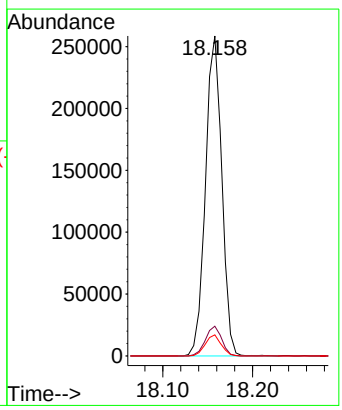
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

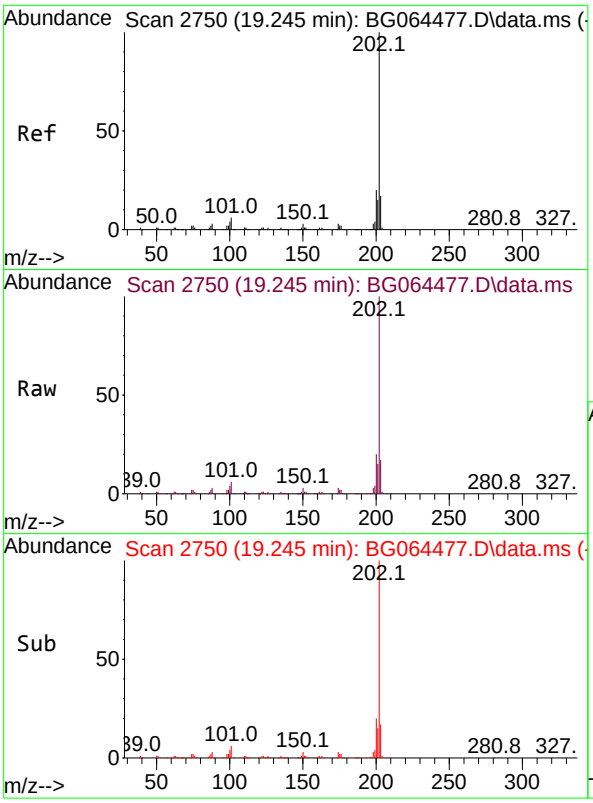


#74
Di-n-butylphthalate
Concen: 42.948 ng
RT: 18.158 min Scan# 2565
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:149 Resp: 325874

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	6.6	5.3	7.9

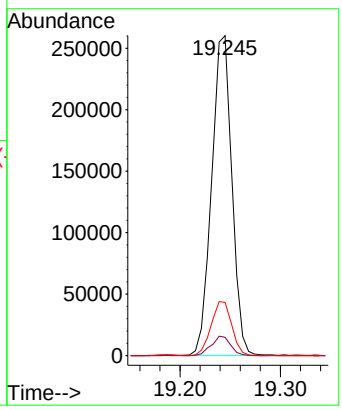




#75
Fluoranthene
Concen: 42.577 ng
RT: 19.245 min Scan# 2
Delta R.T. 0.008 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:202 Resp: 364596

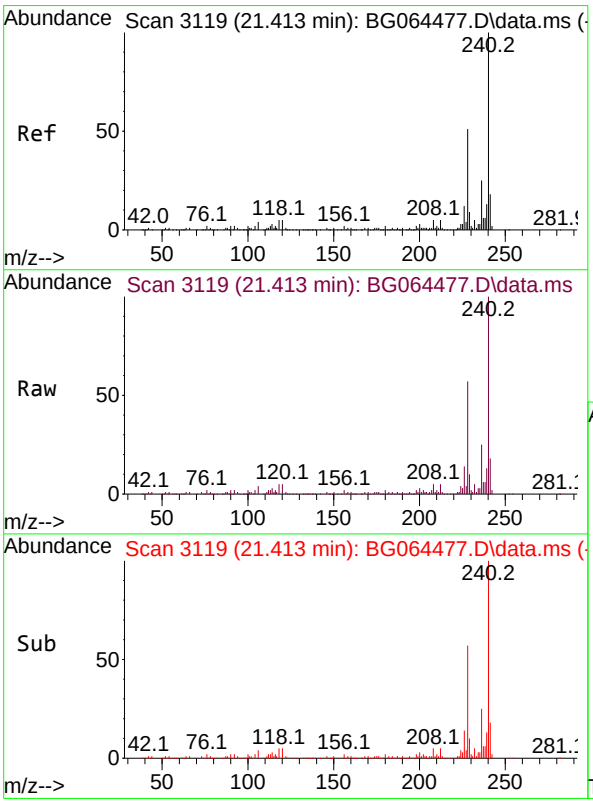
Ion	Ratio	Lower	Upper
202	100		
101	5.7	0.0	25.7
203	16.6	0.0	36.6



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

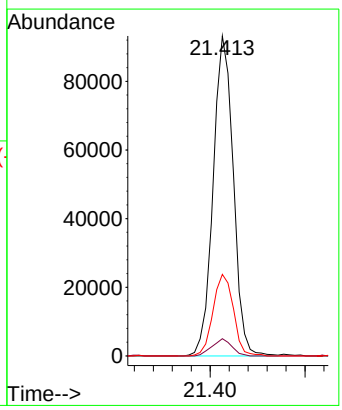
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

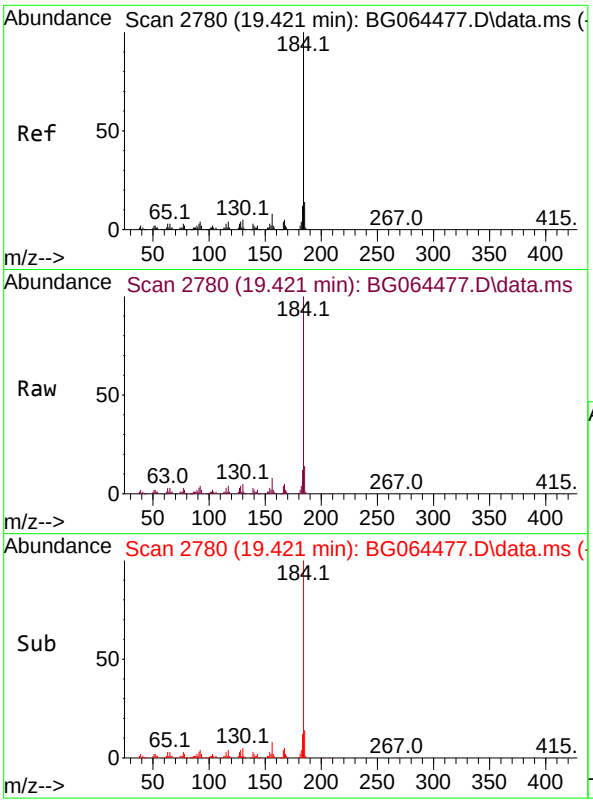


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.413 min Scan# 3119
Delta R.T. 0.003 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:240 Resp: 137806

Ion	Ratio	Lower	Upper
240	100		
120	5.4	4.3	6.5
236	25.5	20.4	30.6

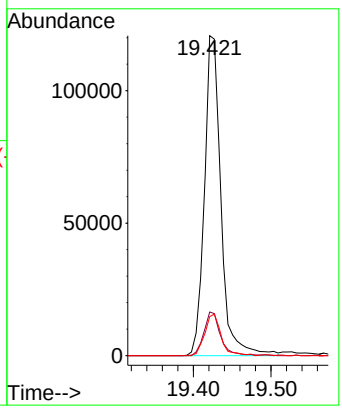




#77
Benzidine
Concen: 52.157 ng
RT: 19.421 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:184 Resp: 17885

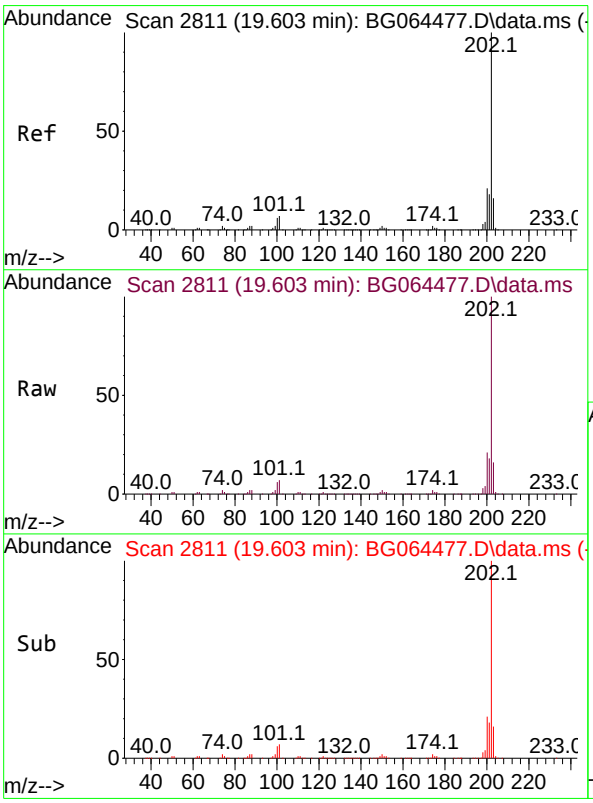
Ion	Ratio	Lower	Upper
184	100		
185	13.6	10.9	16.3
183	12.2	9.8	14.6



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

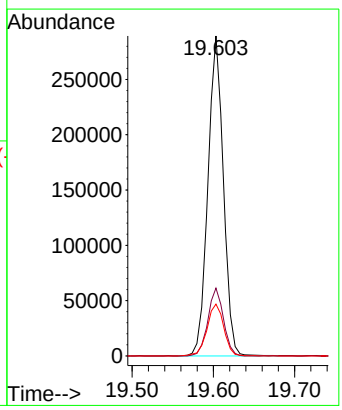
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

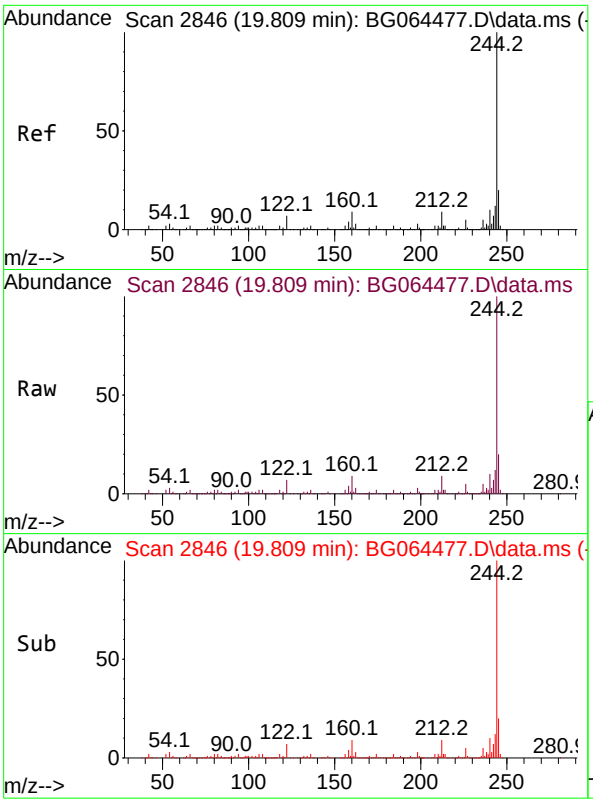


#78
Pyrene
Concen: 42.890 ng
RT: 19.603 min Scan# 2811
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:202 Resp: 383571

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	16.2	13.0	19.4





#79
Terphenyl-d14
Concen: 85.021 ng
RT: 19.809 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

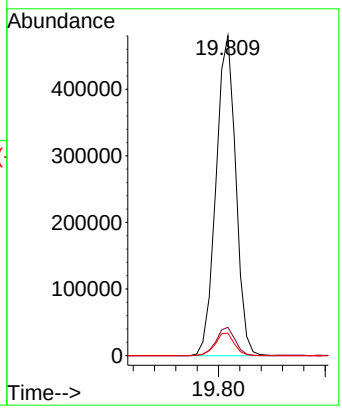
Tgt Ion:244 Resp: 619099

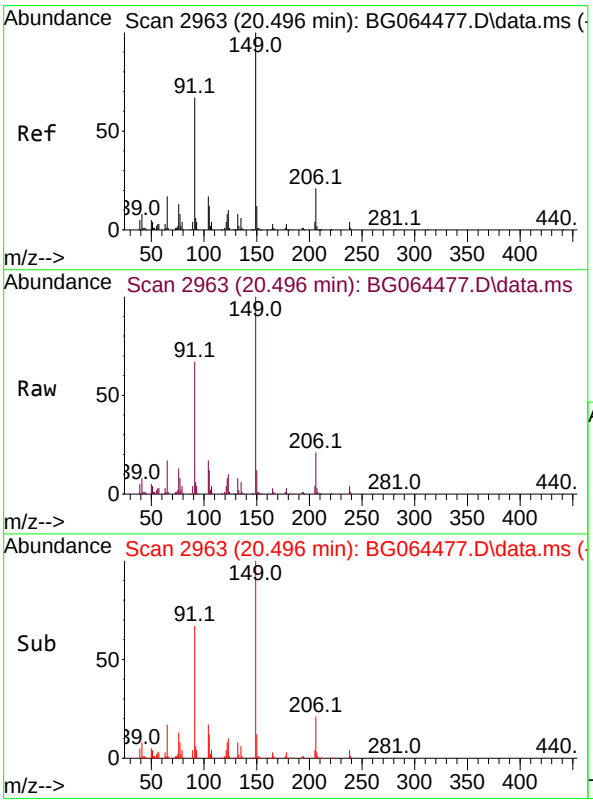
Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.6
122	7.0	5.6	8.4

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

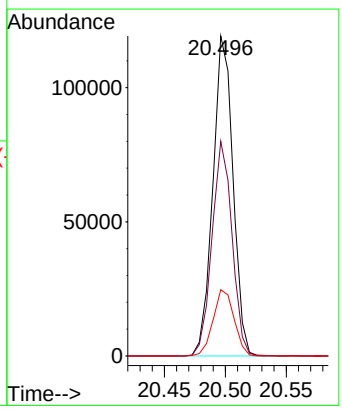


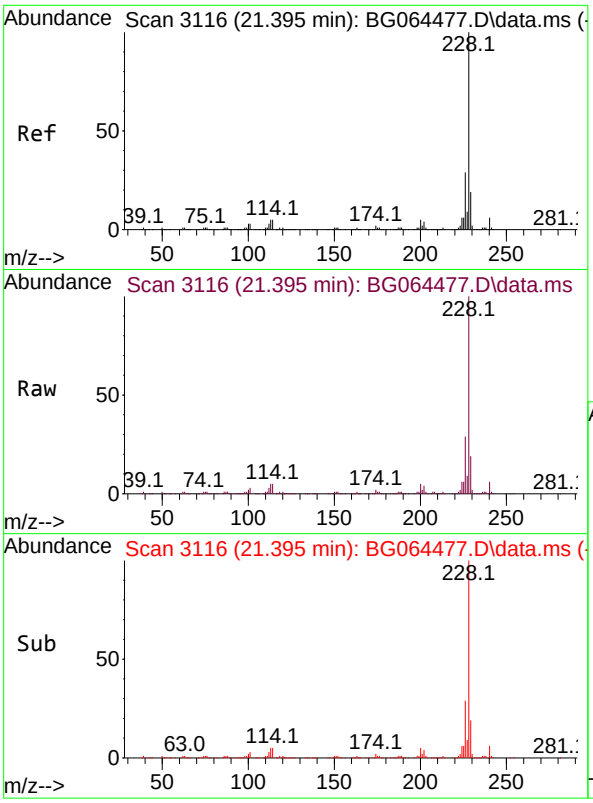


#80
Butylbenzylphthalate
Concen: 43.202 ng
RT: 20.496 min Scan# 2963
Delta R.T. -0.003 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:149 Resp: 136961

Ion	Ratio	Lower	Upper
149	100		
91	67.1	53.7	80.5
206	20.7	16.6	24.8

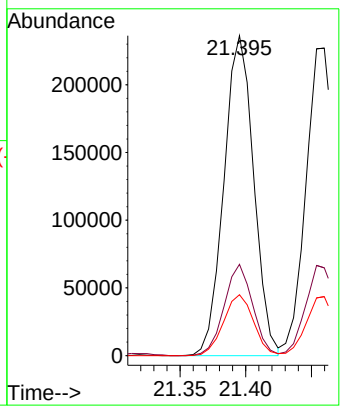




#81
Benzo(a)anthracene
Concen: 42.392 ng
RT: 21.395 min Scan# 3
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:228 Resp: 373009

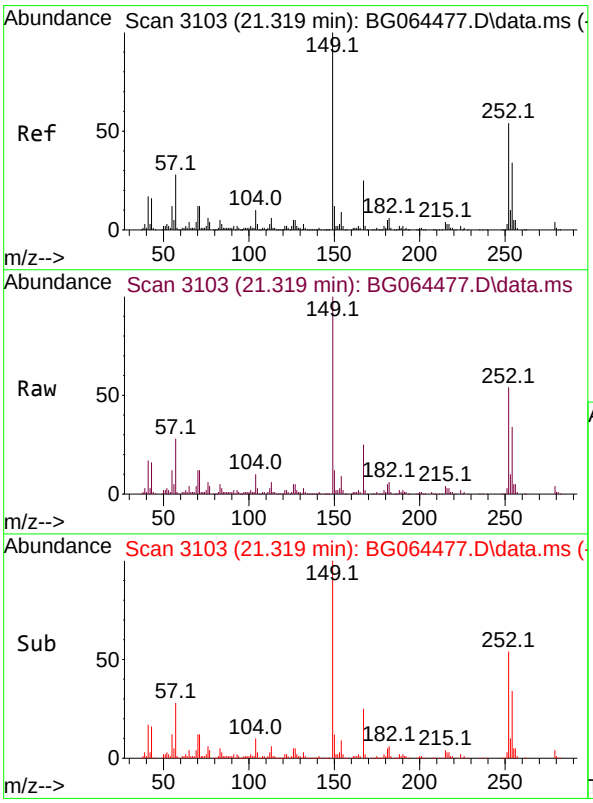
Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.8	34.2
229	19.0	15.2	22.8



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

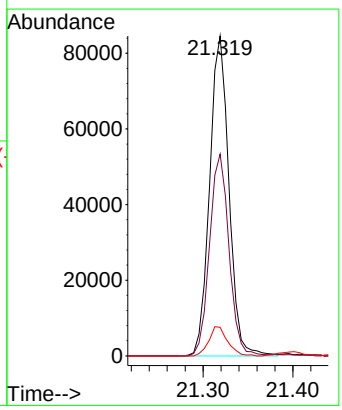
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

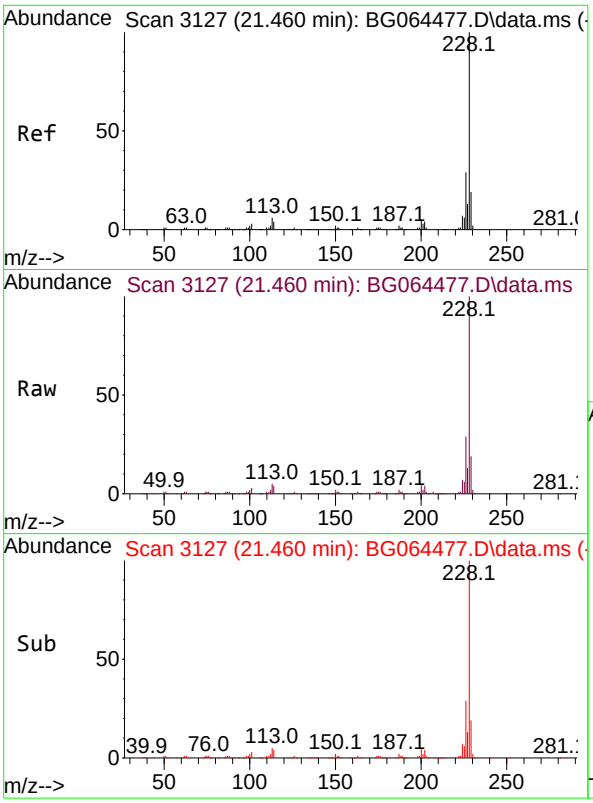


#82
3,3'-Dichlorobenzidine
Concen: 42.345 ng
RT: 21.319 min Scan# 3103
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:252 Resp: 126107

Ion	Ratio	Lower	Upper
252	100		
254	63.1	50.5	75.7
126	8.9	7.1	10.7

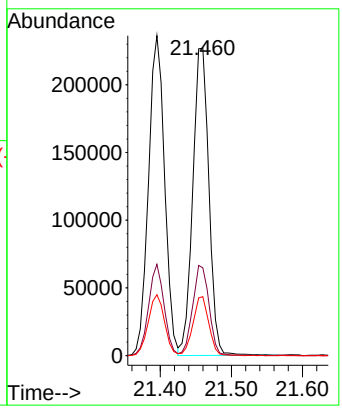




#83
Chrysene
Concen: 42.849 ng
RT: 21.460 min Scan# 3
Delta R.T. 0.008 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:228 Resp: 35755

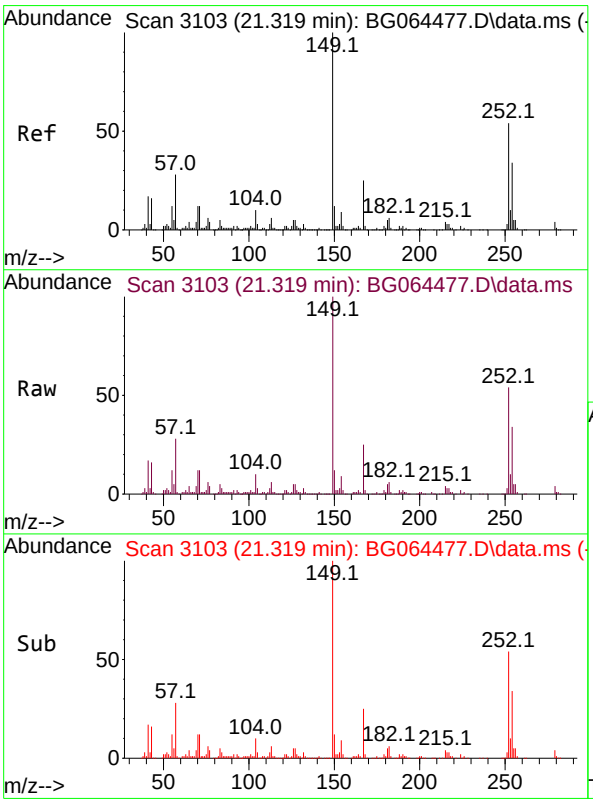
Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.8	34.2
229	19.2	15.4	23.0



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

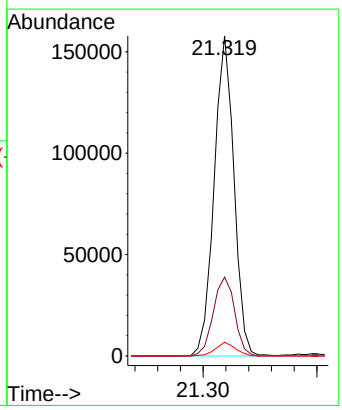
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

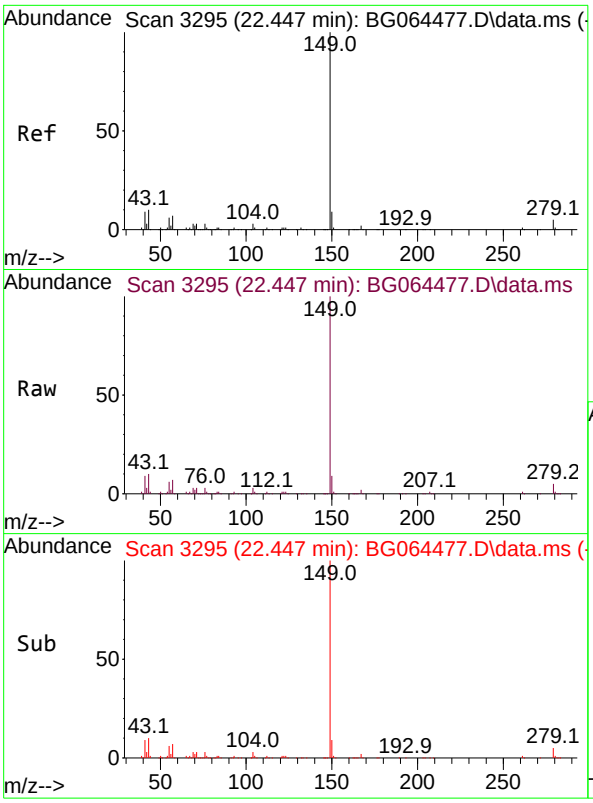


#84
Bis(2-ethylhexyl)phthalate
Concen: 42.664 ng
RT: 21.319 min Scan# 3103
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:149 Resp: 190838

Ion	Ratio	Lower	Upper
149	100		
167	24.6	19.7	29.5
279	4.3	3.4	5.2

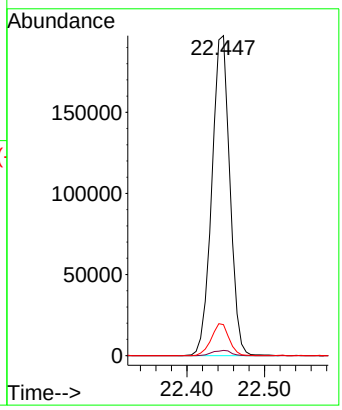




#85
Di-n-octyl phthalate
Concen: 42.277 ng
RT: 22.447 min Scan# 3
Delta R.T. 0.008 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:149 Resp: 31783

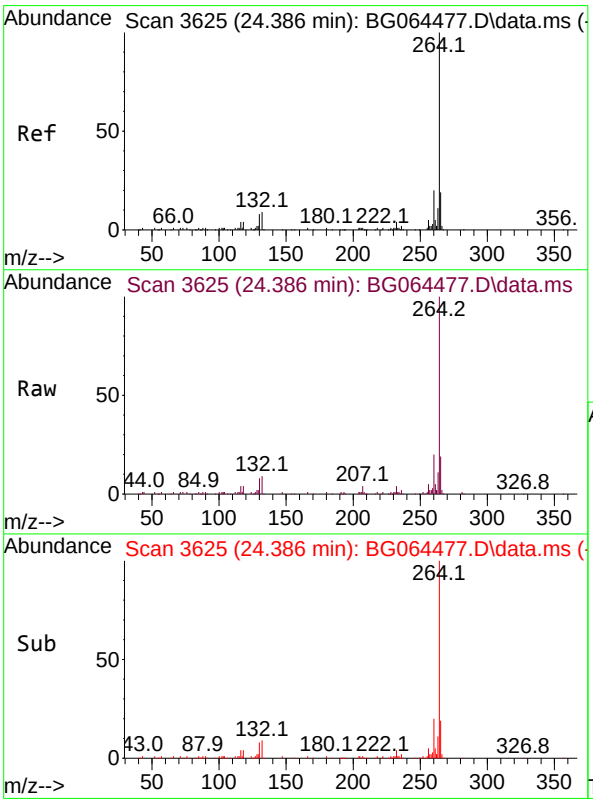
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	9.9	7.9	11.9



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

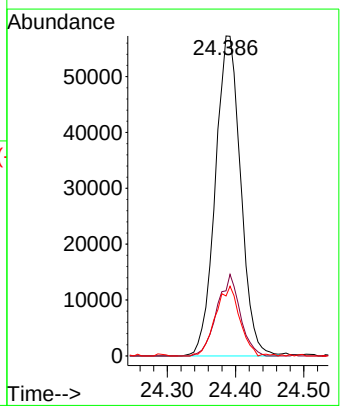
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

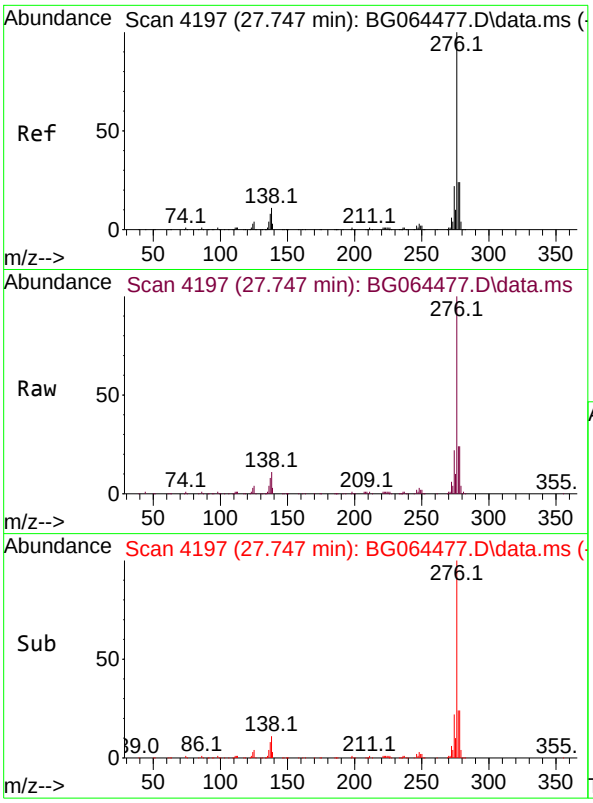


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.386 min Scan# 3625
Delta R.T. -0.003 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:264 Resp: 147142

Ion	Ratio	Lower	Upper
264	100		
260	20.3	16.2	24.4
265	18.7	15.0	22.4

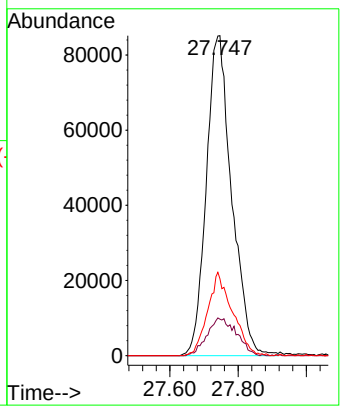




#87
Indeno(1,2,3-cd)pyrene
Concen: 42.906 ng
RT: 27.747 min Scan# 41
Delta R.T. 0.014 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:276 Resp: 43944

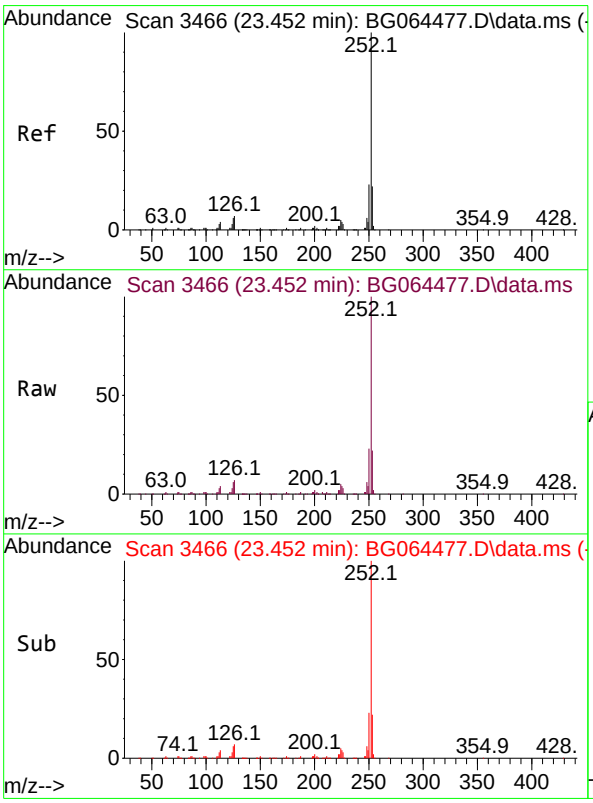
Ion	Ratio	Lower	Upper
276	100		
138	13.5	10.8	16.2
277	25.4	20.3	30.5



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

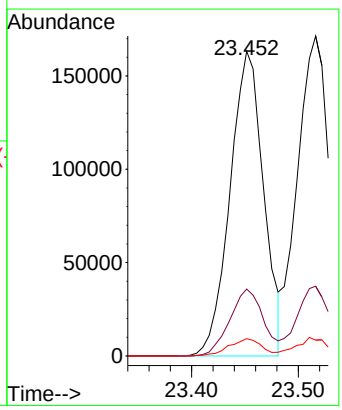
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

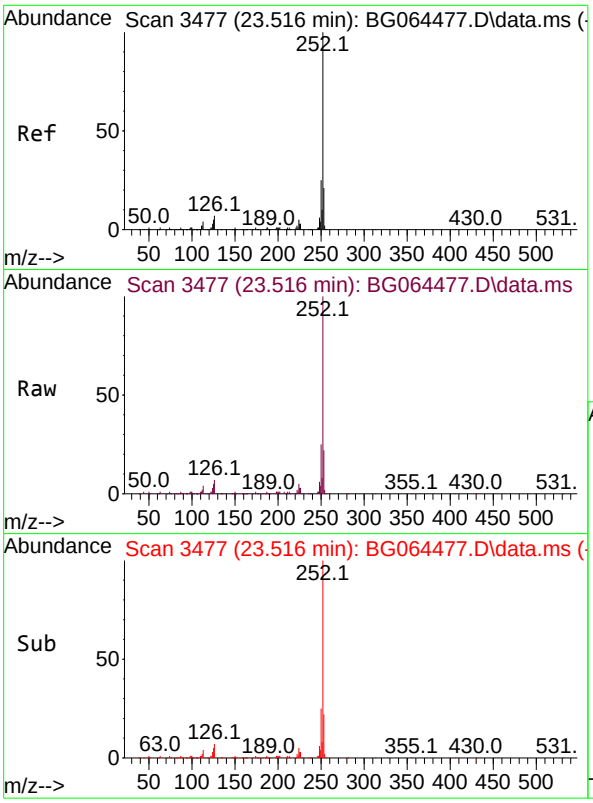


#88
Benzo(b)fluoranthene
Concen: 42.621 ng
RT: 23.452 min Scan# 3466
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:252 Resp: 356780

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	5.6	4.5	6.7

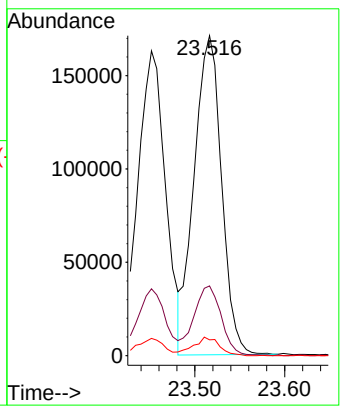




#89
Benzo(k)fluoranthene
Concen: 43.050 ng
RT: 23.516 min Scan# 34
Delta R.T. 0.008 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:252 Resp: 36294

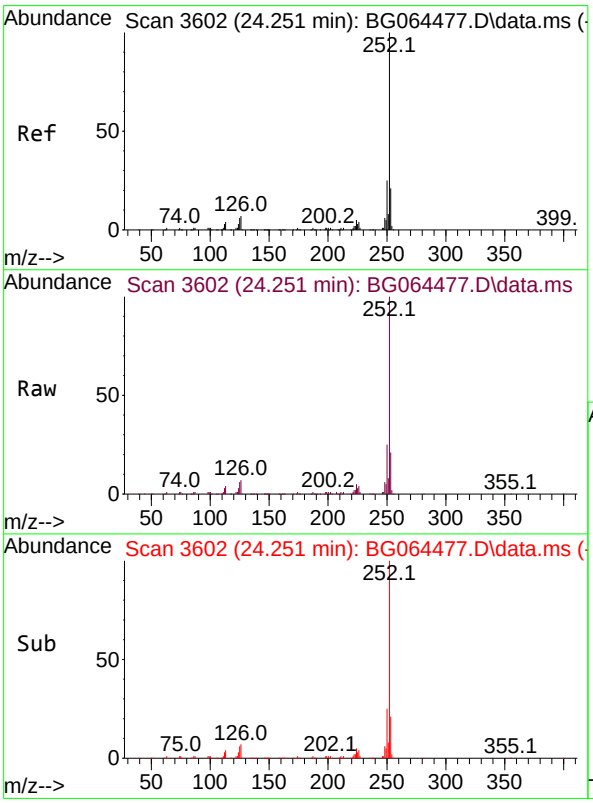
Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	5.0	4.0	6.0



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

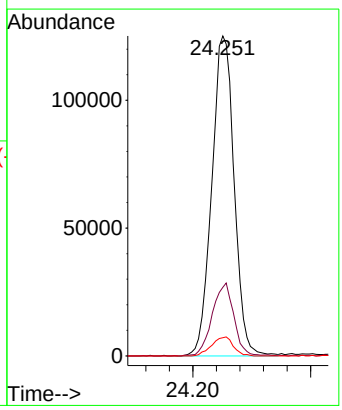
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

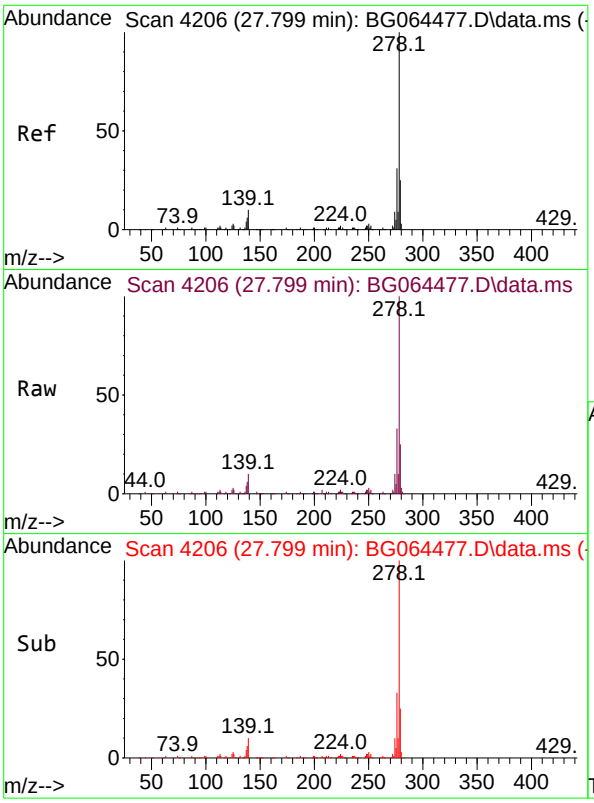


#90
Benzo(a)pyrene
Concen: 42.800 ng
RT: 24.251 min Scan# 3602
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:252 Resp: 330197

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.1	25.7
125	5.7	4.6	6.8

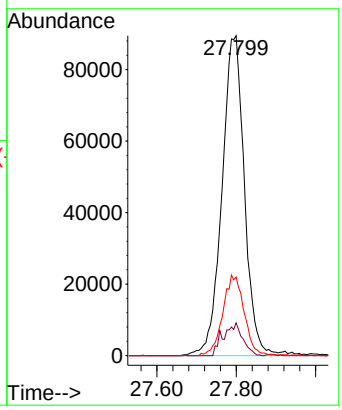




#91
Dibenzo(a,h)anthracene
Concen: 42.755 ng
RT: 27.799 min Scan# 4
Delta R.T. 0.020 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:278 Resp: 35019

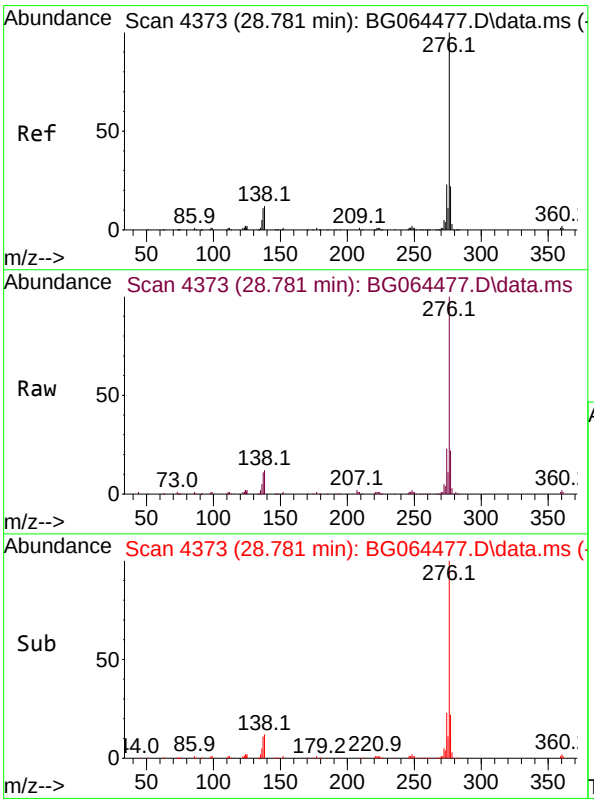
Ion	Ratio	Lower	Upper
278	100		
139	10.2	8.2	12.2
279	24.5	19.6	29.4



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

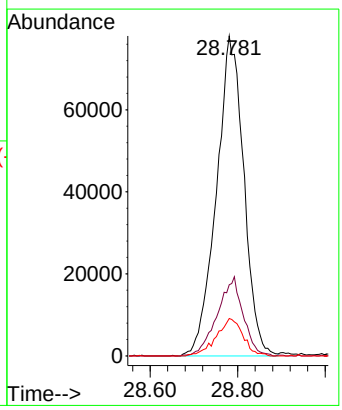
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#92
Benzo(g,h,i)perylene
Concen: 42.613 ng
RT: 28.781 min Scan# 4373
Delta R.T. 0.014 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:276 Resp: 339180

Ion	Ratio	Lower	Upper
276	100		
277	22.2	17.8	26.6
138	11.7	9.4	14.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
Data File : BG064478.D
Acq On : 2 Oct 2025 12:55
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 02 16:53:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.825	152	23869	20.000	ng		0.00
21) Naphthalene-d8	10.610	136	102736	20.000	ng		0.00
39) Acenaphthene-d10	14.452	164	77950	20.000	ng		0.00
64) Phenanthrene-d10	17.190	188	200361	20.000	ng		0.00
76) Chrysene-d12	21.415	240	197724	20.000	ng		0.00
86) Perylene-d12	24.394	264	211036	20.000	ng		# 0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.410	112	127857	99.134	ng		0.00
7) Phenol-d6	7.002	99	171087	98.712	ng		0.02
23) Nitrobenzene-d5	8.982	82	189687	99.278	ng		0.02
42) 2,4,6-Tribromophenol	15.945	330	141783	100.345	ng		0.01
45) 2-Fluorobiphenyl	13.078	172	516540	97.676	ng		0.01
79) Terphenyl-d14	19.811	244	1018211	97.457	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.324	88	23748	46.551	ng		93
3) Pyridine	3.718	79	65738	47.947	ng		95
4) n-Nitrosodimethylamine	3.636	42	49695	49.999	ng		100
6) Aniline	7.155	93	105749	48.370	ng		96
8) 2-Chlorophenol	7.390	128	75448	47.639	ng		94
9) Benzaldehyde	6.967	77	68724	44.668	ng		97
10) Phenol	7.026	94	90535	49.517	ng		94
11) bis(2-Chloroethyl)ether	7.249	93	59666	48.187	ng		96
12) 1,3-Dichlorobenzene	7.713	146	82662	47.713	ng		95
13) 1,4-Dichlorobenzene	7.860	146	84794	48.767	ng		99
14) 1,2-Dichlorobenzene	8.177	146	82182	47.956	ng		98
15) Benzyl Alcohol	8.060	79	80094	50.179	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.348	45	98476	49.340	ng		95
17) 2-Methylphenol	8.271	107	64206	48.496	ng		96
18) Hexachloroethane	8.900	117	33535	48.862	ng		95
19) n-Nitroso-di-n-propyla...	8.636	70	57232	49.375	ng	#	92
20) 3+4-Methylphenols	8.600	107	89015	48.180	ng		95
22) Acetophenone	8.642	105	125989	50.649	ng	#	98
24) Nitrobenzene	9.023	77	93559	49.104	ng		98
25) Isophorone	9.546	82	169476	48.963	ng	#	97
26) 2-Nitrophenol	9.729	139	47538	50.130	ng		95
27) 2,4-Dimethylphenol	9.793	122	73076	50.454	ng		95
28) bis(2-Chloroethoxy)met...	10.028	93	86333	48.931	ng		99
29) 2,4-Dichlorophenol	10.263	162	82797	49.435	ng		96
30) 1,2,4-Trichlorobenzene	10.481	180	87173	47.734	ng		96
31) Naphthalene	10.663	128	255453	48.286	ng		98
32) Benzoic acid	9.975	122	60774m	54.652	ng		
33) 4-Chloroaniline	10.768	127	99704	49.113	ng		97
34) Hexachlorobutadiene	10.951	225	76081	48.646	ng		97
35) Caprolactam	11.562	113	28417	49.561	ng		92
36) 4-Chloro-3-methylphenol	11.902	107	100226	49.208	ng		98
37) 2-Methylnaphthalene	12.273	142	199899	49.224	ng		96
38) 1-Methylnaphthalene	12.490	142	192614	47.567	ng		98
40) 1,2,4,5-Tetrachloroben...	12.643	216	124648	49.525	ng		98
41) Hexachlorocyclopentadiene	12.625	237	69372	52.692	ng		93
43) 2,4,6-Trichlorophenol	12.884	196	81144	50.434	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
Data File : BG064478.D
Acq On : 2 Oct 2025 12:55
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 02 16:53:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.960	196	90524	50.396	ng		98
46) 1,1'-Biphenyl	13.289	154	279537	49.860	ng		97
47) 2-Chloronaphthalene	13.330	162	205802	49.166	ng		99
48) 2-Nitroaniline	13.530	65	75138	52.594	ng		94
49) Acenaphthylene	14.170	152	306740	49.365	ng		98
50) Dimethylphthalate	13.912	163	298441	48.884	ng		98
51) 2,6-Dinitrotoluene	14.029	165	64970	51.087	ng		93
52) Acenaphthene	14.517	154	215606	49.943	ng		97
53) 3-Nitroaniline	14.358	138	61347	52.305	ng		92
54) 2,4-Dinitrophenol	14.564	184	44469	48.222	ng		89
55) Dibenzofuran	14.852	168	354924	49.793	ng		99
56) 4-Nitrophenol	14.676	139	49950	54.092	ng		94
57) 2,4-Dinitrotoluene	14.817	165	99930	51.401	ng		95
58) Fluorene	15.498	166	290041	48.945	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.081	232	92595	50.511	ng		98
60) Diethylphthalate	15.281	149	326367	49.833	ng		98
61) 4-Chlorophenyl-phenyle...	15.492	204	159141	49.191	ng		96
62) 4-Nitroaniline	15.528	138	67296	55.050	ng		89
63) Azobenzene	15.786	77	252408	49.764	ng		97
65) 4,6-Dinitro-2-methylph...	15.580	198	69009	49.467	ng		97
66) n-Nitrosodiphenylamine	15.710	169	254244	47.518	ng		97
67) 4-Bromophenyl-phenylether	16.385	248	112356	47.653	ng		92
68) Hexachlorobenzene	16.503	284	130063	48.208	ng		95
69) Atrazine	16.662	200	116098	48.772	ng		99
70) Pentachlorophenol	16.850	266	83126	52.695	ng		96
71) Phenanthrene	17.237	178	501941	47.904	ng		99
72) Anthracene	17.325	178	501276	47.688	ng		98
73) Carbazole	17.596	167	439490	48.370	ng		99
74) Di-n-butylphthalate	18.160	149	538886	48.585	ng		100
75) Fluoranthene	19.241	202	597309	47.718	ng		99
77) Benzidine	19.423	184	266730	54.213	ng		100
78) Pyrene	19.605	202	613709	47.828	ng		98
80) Butylbenzylphthalate	20.498	149	221172	48.623	ng		95
81) Benzo(a)anthracene	21.397	228	611850	48.464	ng		98
82) 3,3'-Dichlorobenzidine	21.321	252	208942	48.899	ng		99
83) Chrysene	21.462	228	579585	48.408	ng		98
84) Bis(2-ethylhexyl)phtha...	21.321	149	317005	49.393	ng		98
85) Di-n-octyl phthalate	22.443	149	530469	49.179	ng		99
87) Indeno(1,2,3-cd)pyrene	27.754	276	731852	49.822	ng	#	96
88) Benzo(b)fluoranthene	23.459	252	602249	50.163	ng		98
89) Benzo(k)fluoranthene	23.518	252	592576	49.006	ng		99
90) Benzo(a)pyrene	24.259	252	543872	49.152	ng		99
91) Dibenzo(a,h)anthracene	27.807	278	588448	50.092	ng		95
92) Benzo(g,h,i)perylene	28.806	276	564079	49.412	ng		96

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

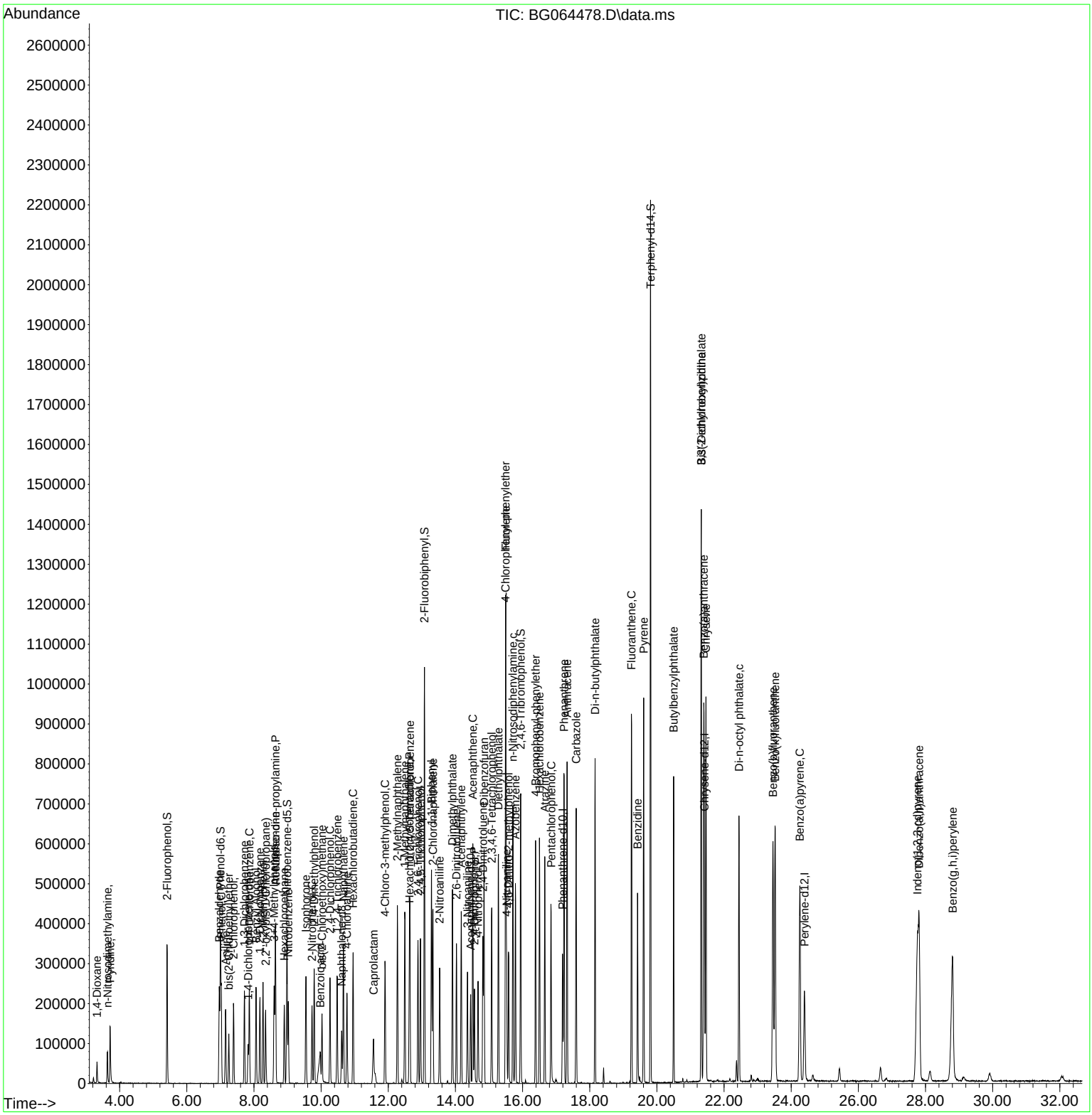
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Data File : BG064478.D
Acq On : 2 Oct 2025 12:55
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

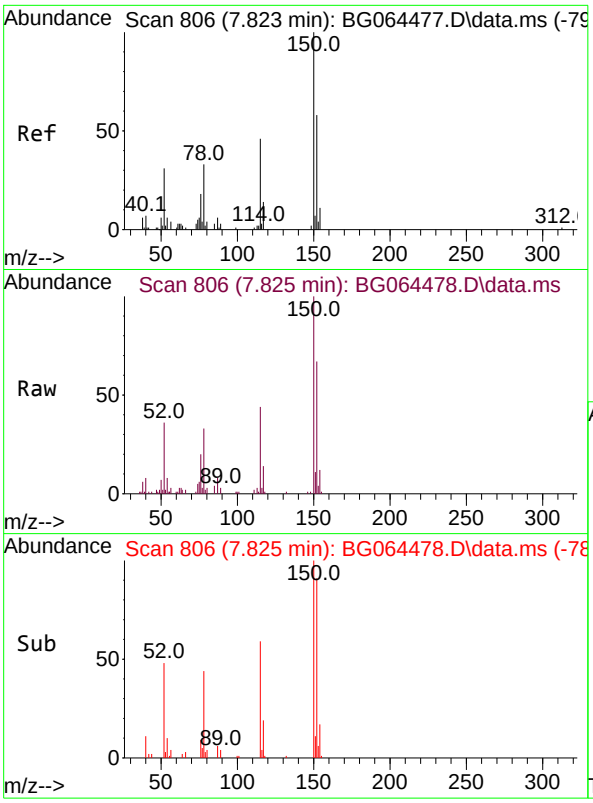
Quant Time: Oct 02 16:53:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

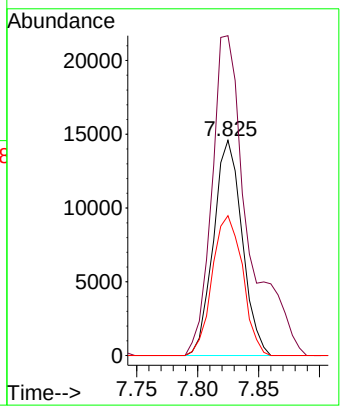




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.825 min Scan# 80
Delta R.T. 0.005 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:152 Resp: 2386

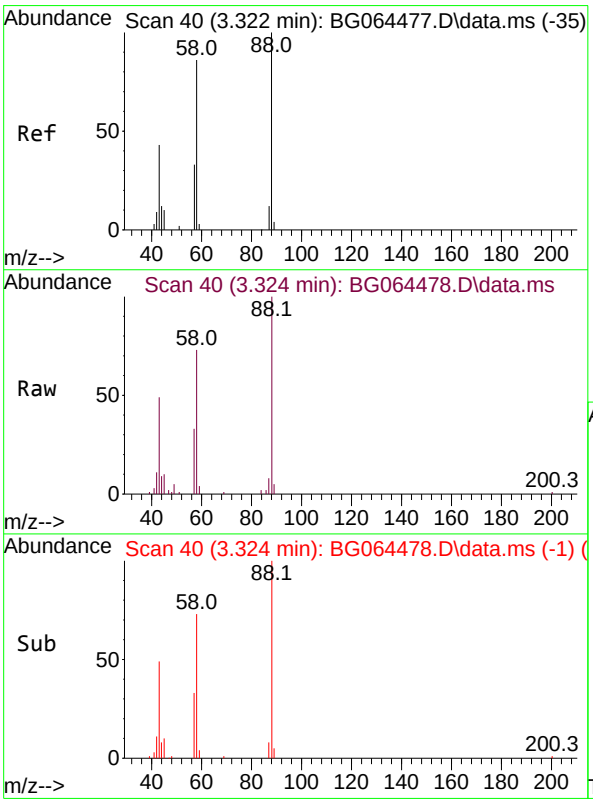
Ion	Ratio	Lower	Upper
152	100		
150	148.6	138.6	207.8
115	65.0	63.4	95.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

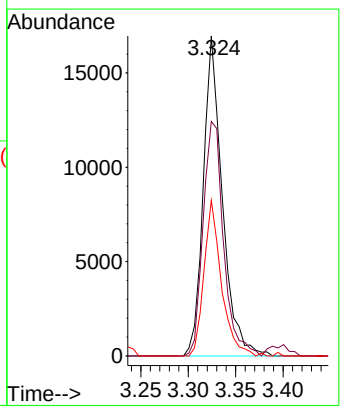
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

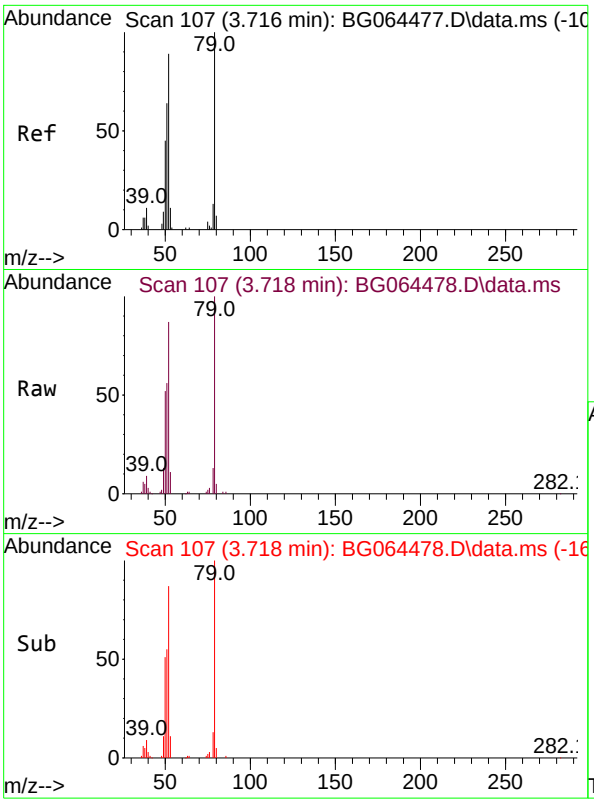


#2
1,4-Dioxane
Concen: 46.551 ng
RT: 3.324 min Scan# 40
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion: 88 Resp: 23748

Ion	Ratio	Lower	Upper
88	100		
58	78.5	69.8	104.6
43	44.5	37.4	56.0

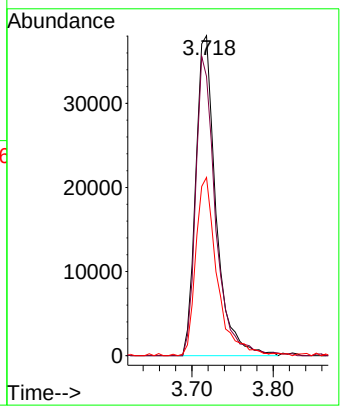




#3
Pyridine
Concen: 47.947 ng
RT: 3.718 min Scan# 10
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion: 79 Resp: 6573

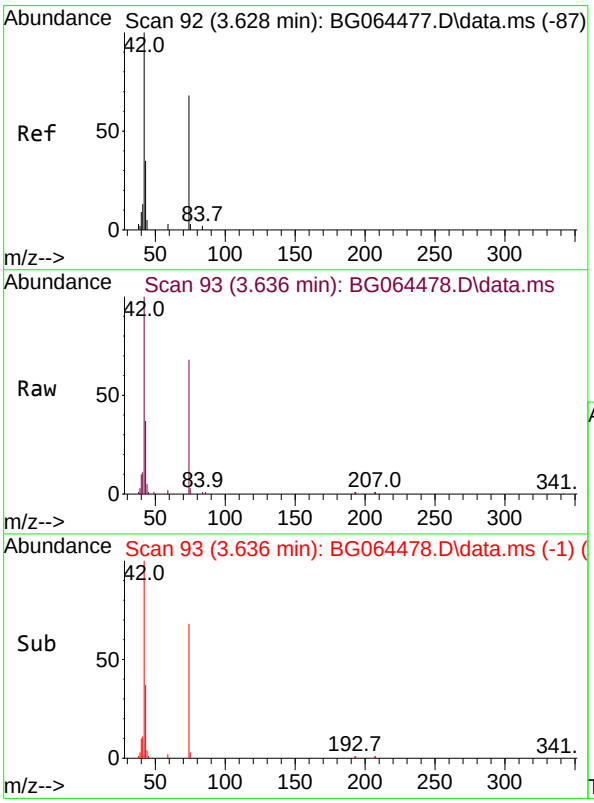
Ion	Ratio	Lower	Upper
79	100		
52	87.2	71.0	106.4
51	55.7	51.0	76.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

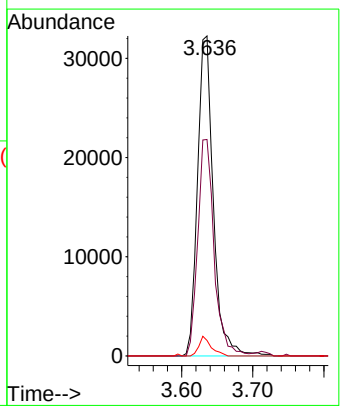
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

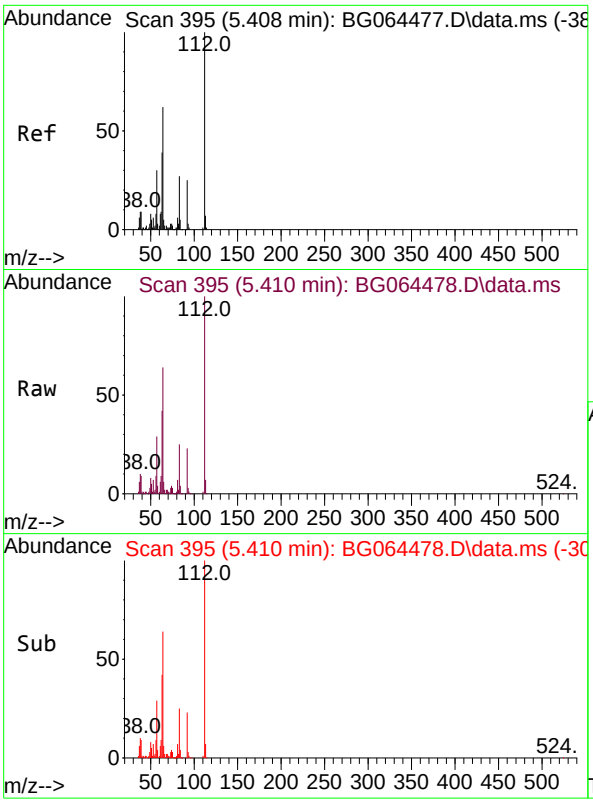


#4
n-Nitrosodimethylamine
Concen: 49.999 ng
RT: 3.636 min Scan# 93
Delta R.T. 0.010 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion: 42 Resp: 49695

Ion	Ratio	Lower	Upper
42	100		
74	67.6	54.2	81.4
44	4.8	4.2	6.2





#5
2-Fluorophenol
Concen: 99.134 ng
RT: 5.410 min Scan# 39
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

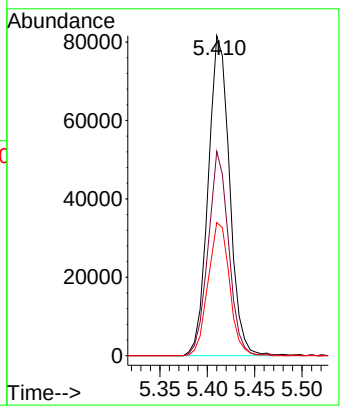
Tgt Ion:112 Resp: 12785

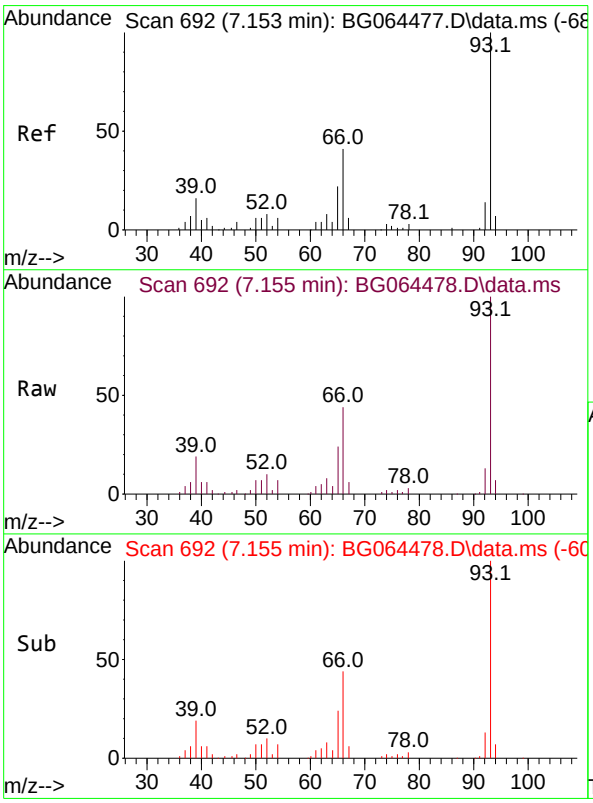
Ion	Ratio	Lower	Upper
112	100		
64	63.8	49.8	74.8
63	41.6	31.3	46.9

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

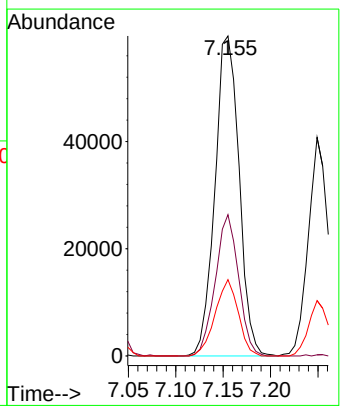


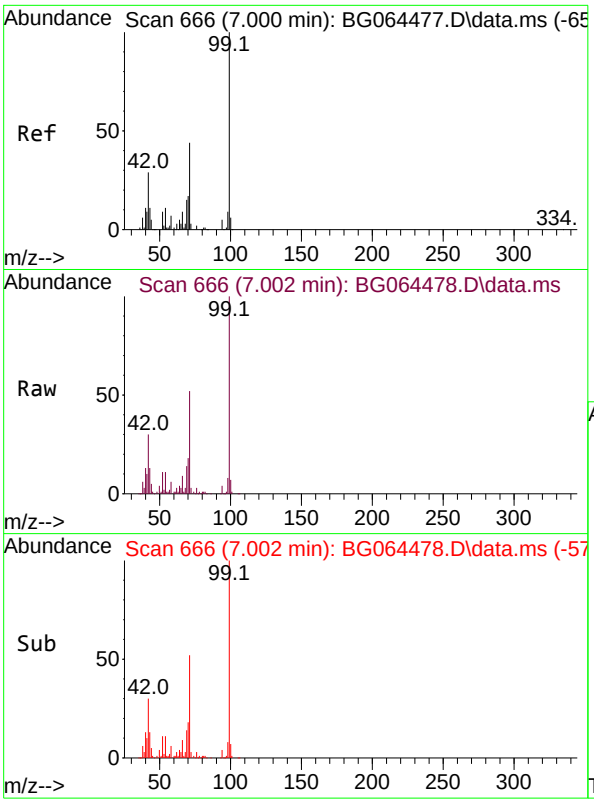


#6
Aniline
Concen: 48.370 ng
RT: 7.155 min Scan# 692
Delta R.T. 0.010 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion: 93 Resp: 105749

Ion	Ratio	Lower	Upper
93	100		
66	44.1	33.0	49.4
65	23.8	17.5	26.3

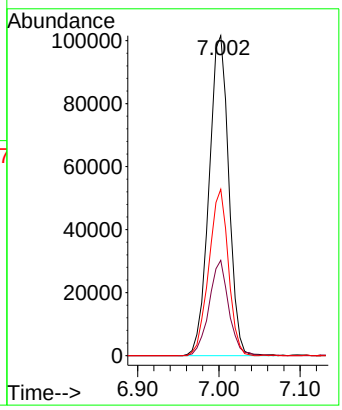




#7
Phenol-d6
Concen: 98.712 ng
RT: 7.002 min Scan# 6
Delta R.T. 0.016 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion: 99 Resp: 17108

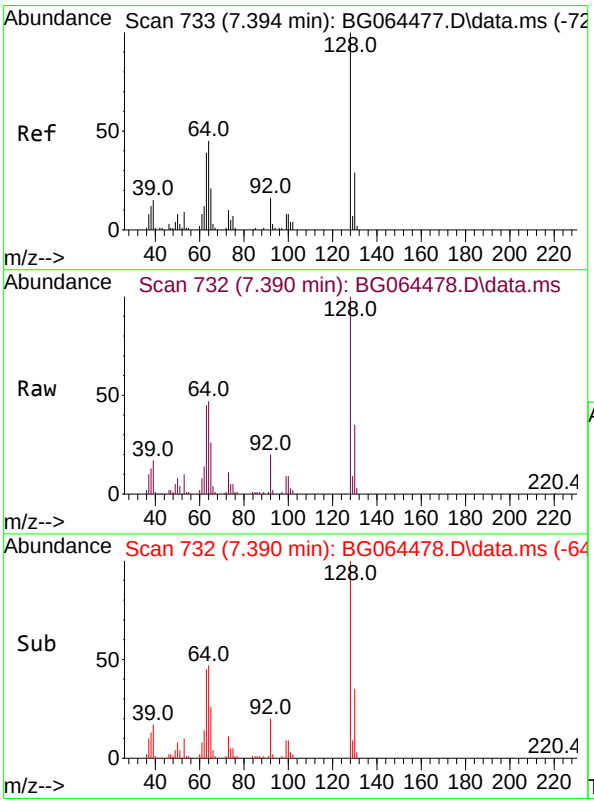
Ion	Ratio	Lower	Upper
99	100		
42	29.8	22.9	34.3
71	52.0	35.4	53.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

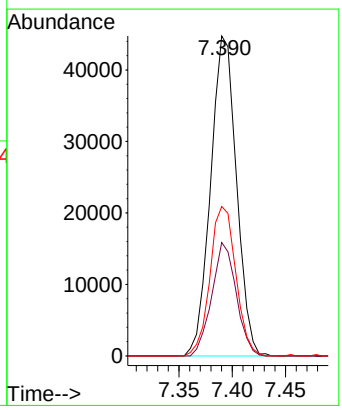
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

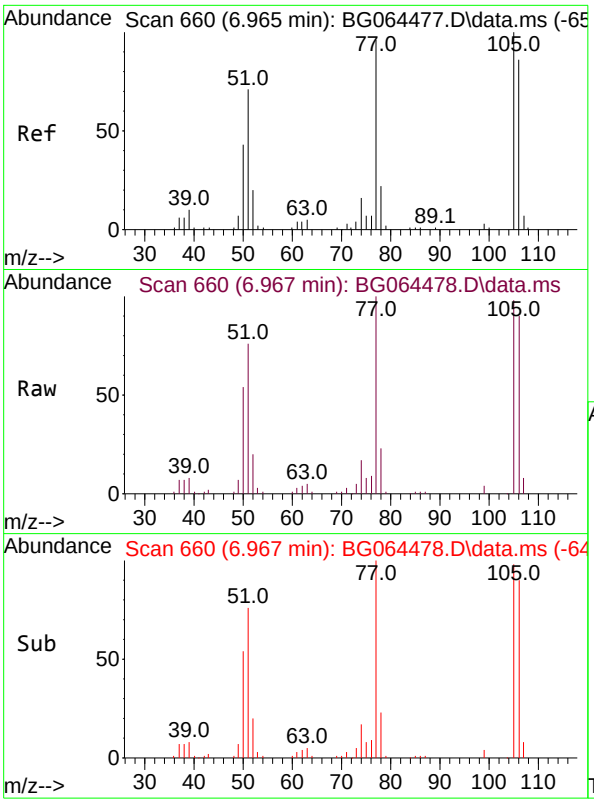


#8
2-Chlorophenol
Concen: 47.639 ng
RT: 7.390 min Scan# 732
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:128 Resp: 75448

Ion	Ratio	Lower	Upper
128	100		
130	35.4	9.2	49.2
64	46.7	25.5	65.5

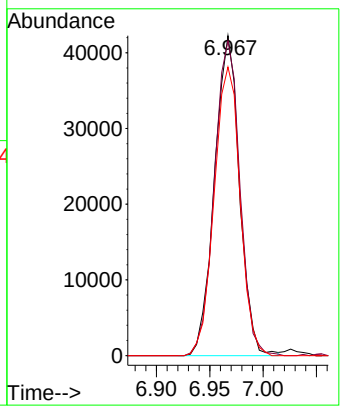




#9
Benzaldehyde
Concen: 44.668 ng
RT: 6.967 min Scan# 6
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion: 77 Resp: 6872

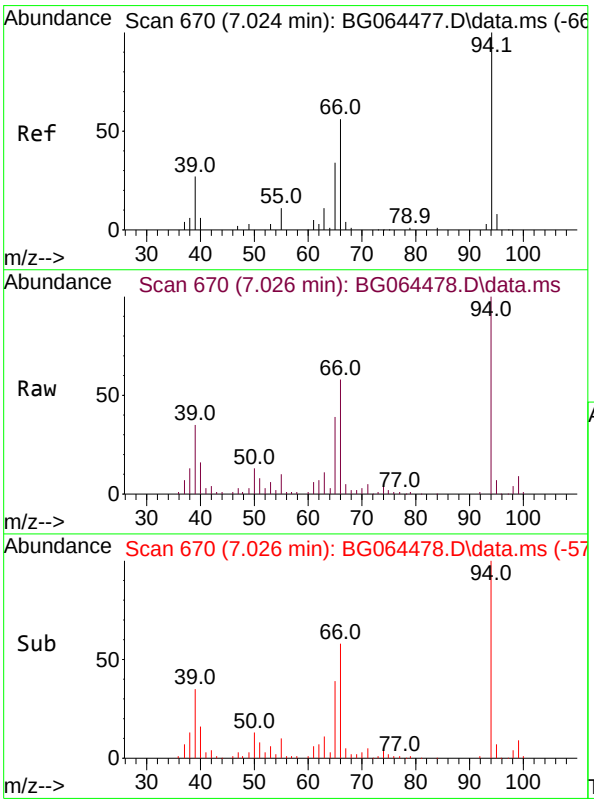
Ion	Ratio	Lower	Upper
77	100		
105	98.3	83.7	123.7
106	90.2	69.4	109.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

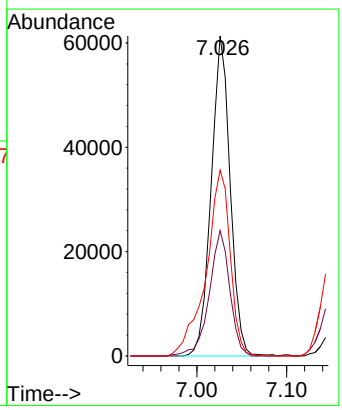
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

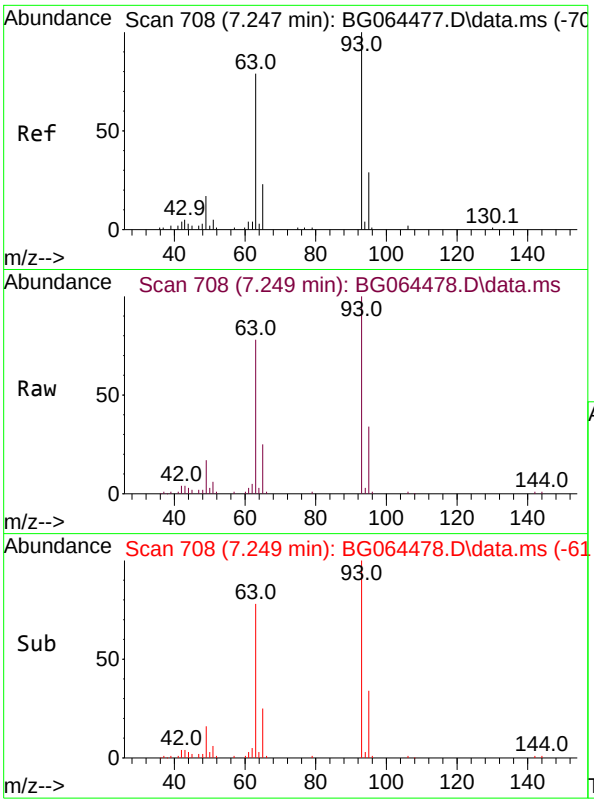


#10
Phenol
Concen: 49.517 ng
RT: 7.026 min Scan# 670
Delta R.T. 0.010 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion: 94 Resp: 90535

Ion	Ratio	Lower	Upper
94	100		
65	39.1	14.8	54.8
66	58.0	41.4	81.4

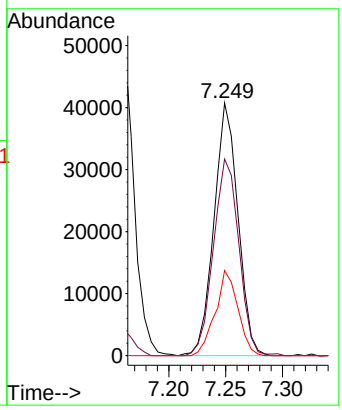




#11
bis(2-Chloroethyl)ether
Concen: 48.187 ng
RT: 7.249 min Scan# 70
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion: 93 Resp: 5966

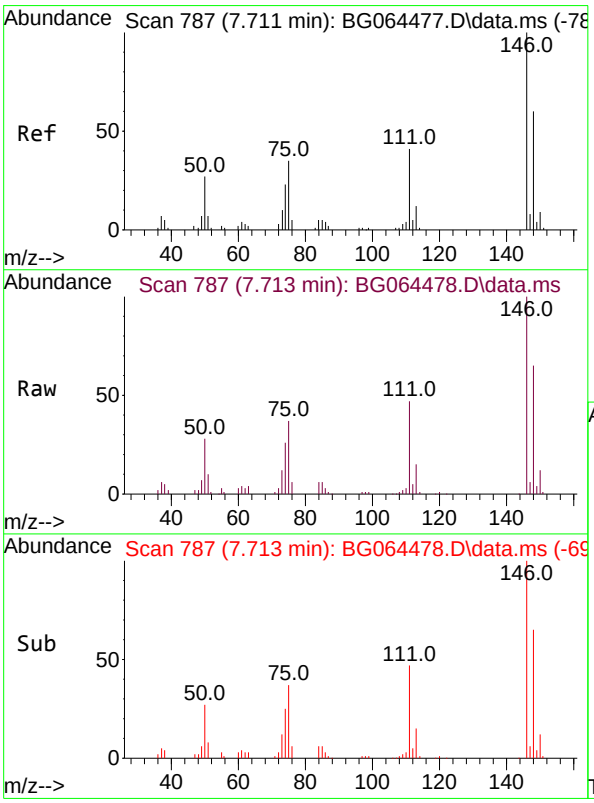
Ion	Ratio	Lower	Upper
93	100		
63	77.8	59.5	99.5
95	33.7	8.8	48.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

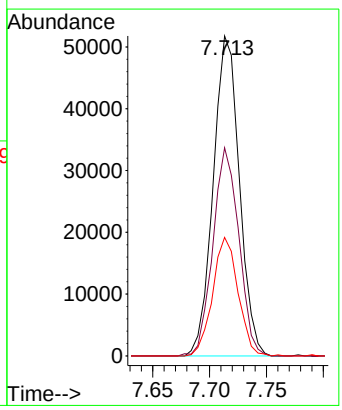
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

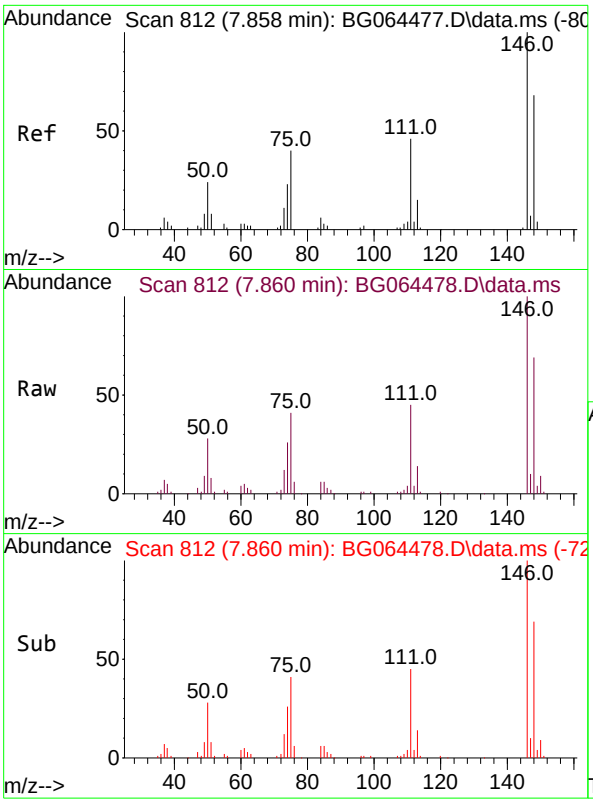


#12
1,3-Dichlorobenzene
Concen: 47.713 ng
RT: 7.713 min Scan# 787
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:146 Resp: 82662

Ion	Ratio	Lower	Upper
146	100		
148	65.1	48.4	72.6
75	37.0	28.3	42.5

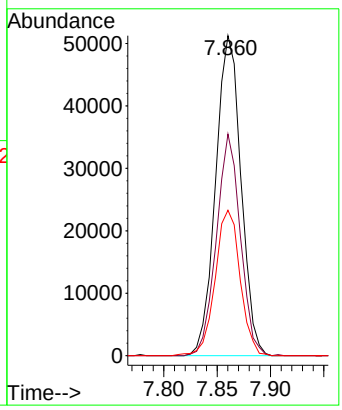




#13
1,4-Dichlorobenzene
Concen: 48.767 ng
RT: 7.860 min Scan# 81
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:146 Resp: 84794

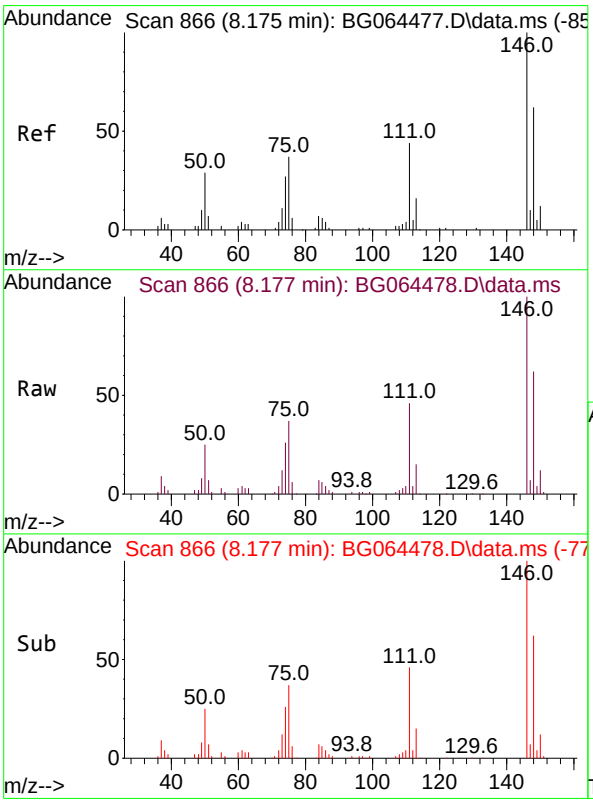
Ion	Ratio	Lower	Upper
146	100		
148	69.3	54.4	81.6
111	45.4	36.5	54.7



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

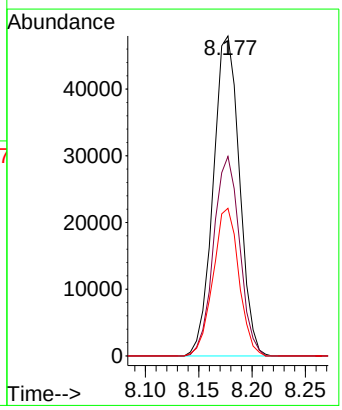
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

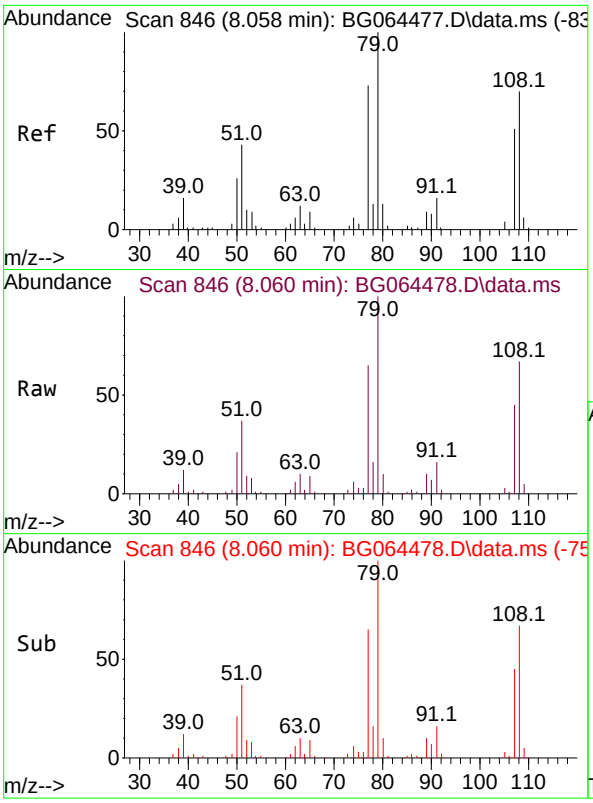


#14
1,2-Dichlorobenzene
Concen: 47.956 ng
RT: 8.177 min Scan# 866
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:146 Resp: 82182

Ion	Ratio	Lower	Upper
146	100		
148	62.3	50.0	75.0
111	46.1	35.0	52.4

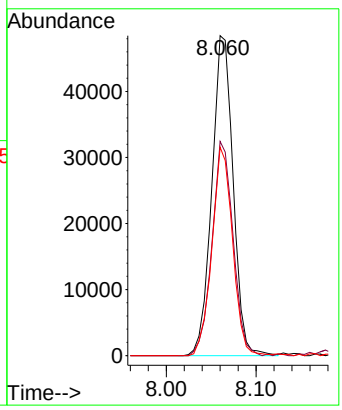




#15
Benzyl Alcohol
Concen: 50.179 ng
RT: 8.060 min Scan# 84
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion: 79 Resp: 8009

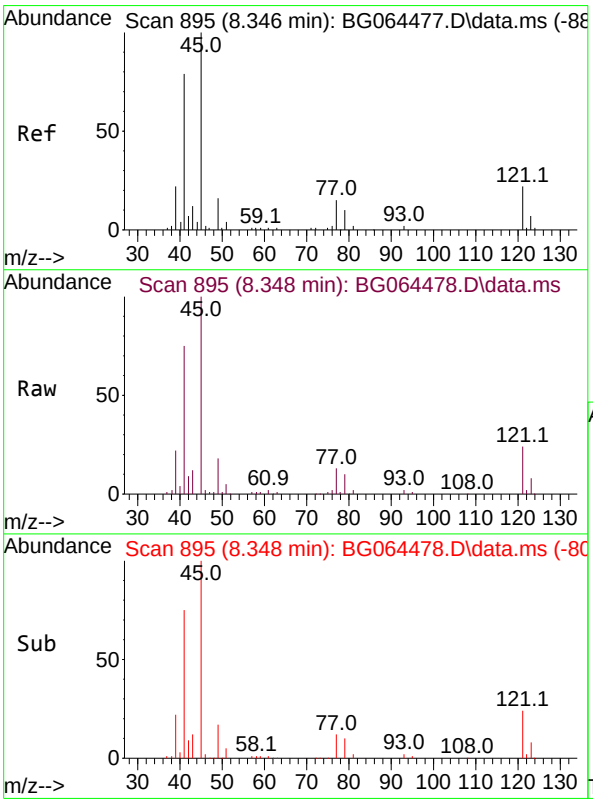
Ion	Ratio	Lower	Upper
79	100		
108	66.9	56.4	84.6
77	65.1	58.3	87.5



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

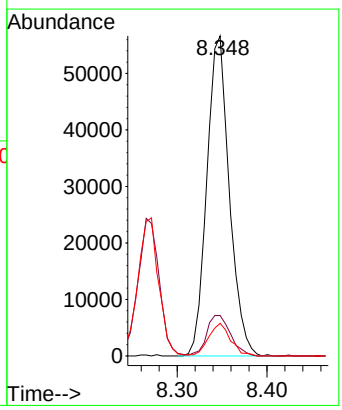
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

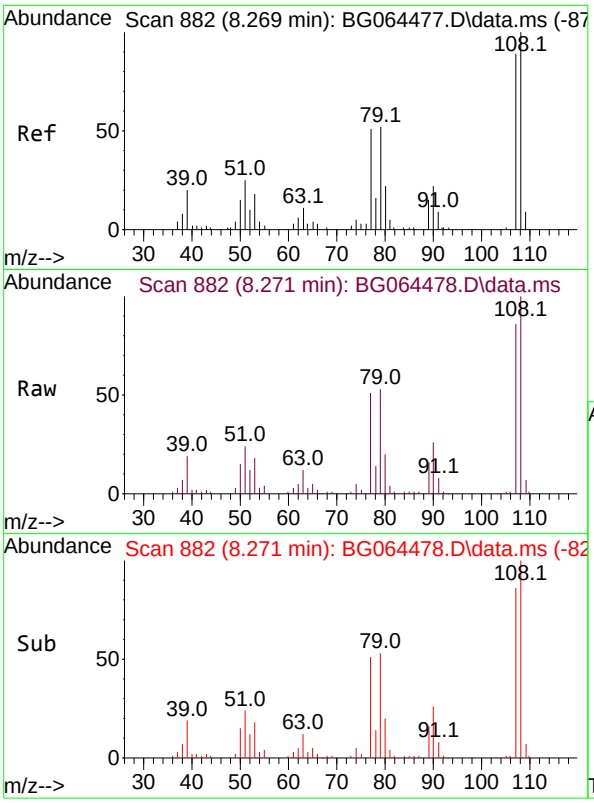


#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.340 ng
RT: 8.348 min Scan# 895
Delta R.T. 0.010 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion: 45 Resp: 98476

Ion	Ratio	Lower	Upper
45	100		
77	12.6	0.0	35.6
79	10.2	0.0	30.7

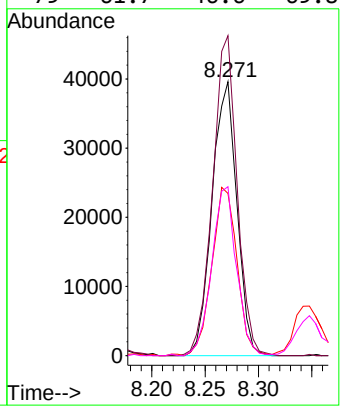




#17
2-Methylphenol
Concen: 48.496 ng
RT: 8.271 min Scan# 88
Delta R.T. 0.010 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:107 Resp: 6420

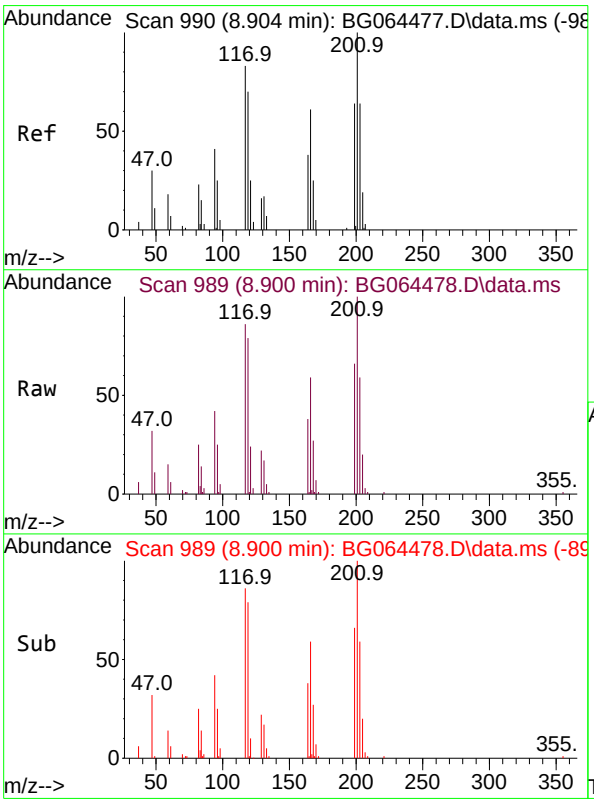
Ion	Ratio	Lower	Upper
107	100		
108	116.9	90.3	135.5
77	59.2	46.0	69.0
79	61.7	46.6	69.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

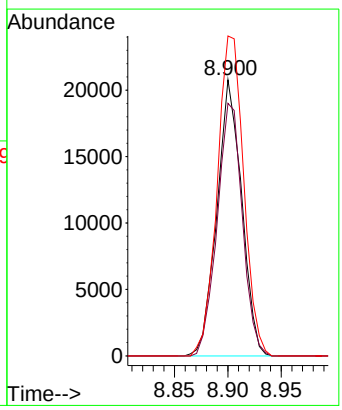
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

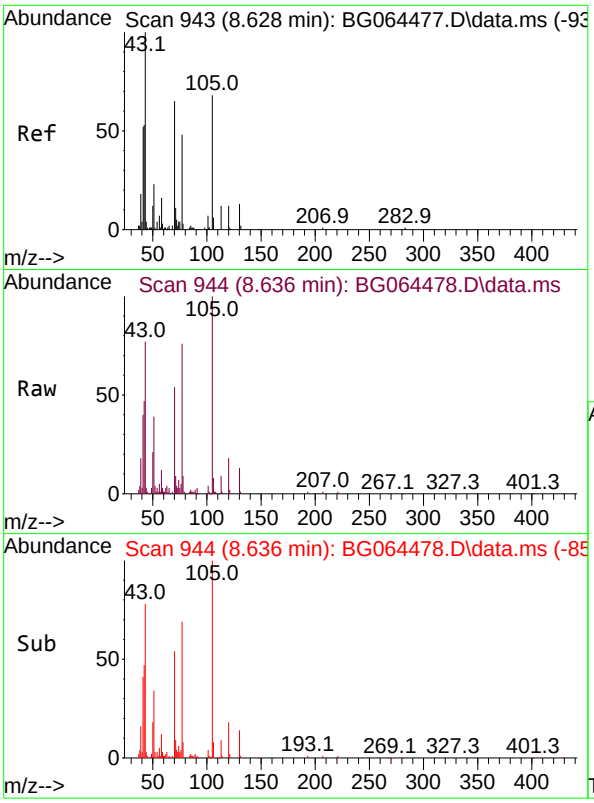


#18
Hexachloroethane
Concen: 48.862 ng
RT: 8.900 min Scan# 989
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:117 Resp: 33535

Ion	Ratio	Lower	Upper
117	100		
119	91.5	67.4	101.0
201	115.9	95.9	143.9

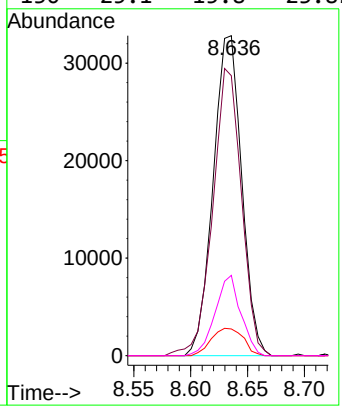




#19
n-Nitroso-di-n-propylamine
Concen: 49.375 ng
RT: 8.636 min Scan# 94
Delta R.T. 0.022 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

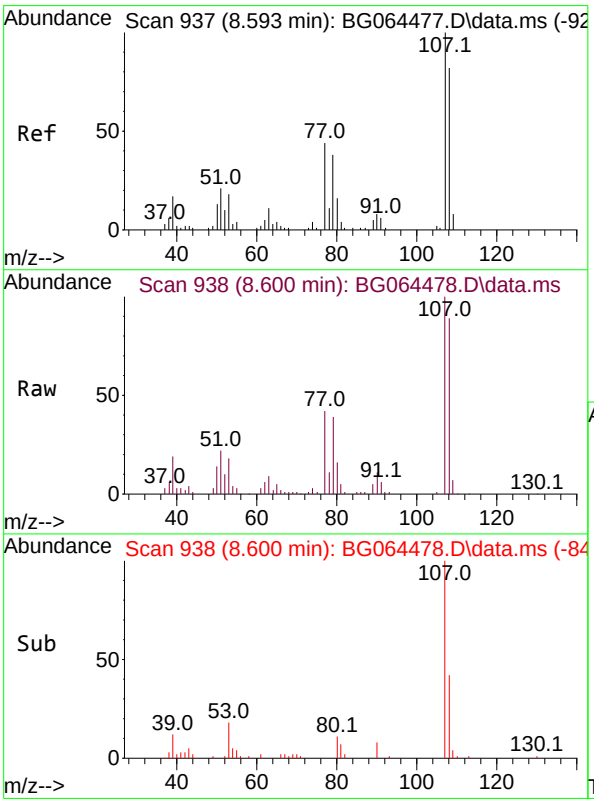
Tgt Ion: 70 Resp: 5723

Ion	Ratio	Lower	Upper
70	100		
42	87.5	64.9	97.3
101	8.3	8.7	13.1#
130	25.1	15.8	23.8#



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

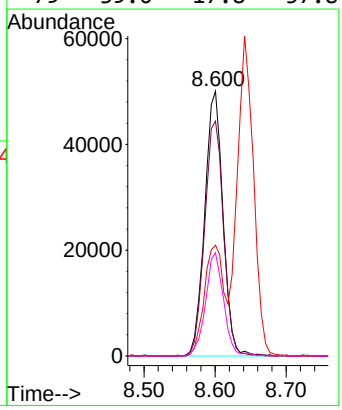
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

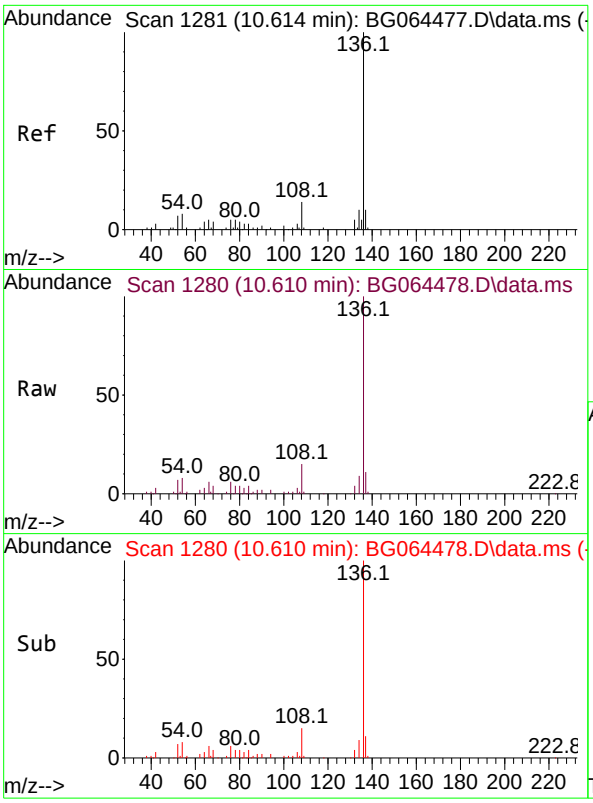


#20
3+4-Methylphenols
Concen: 48.180 ng
RT: 8.600 min Scan# 938
Delta R.T. 0.010 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:107 Resp: 89015

Ion	Ratio	Lower	Upper
107	100		
108	88.7	62.1	102.1
77	41.8	23.5	63.5
79	39.0	17.8	57.8

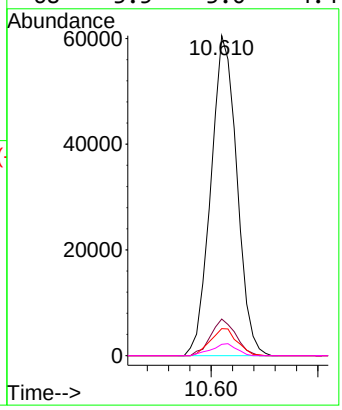




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:136 Resp: 10273

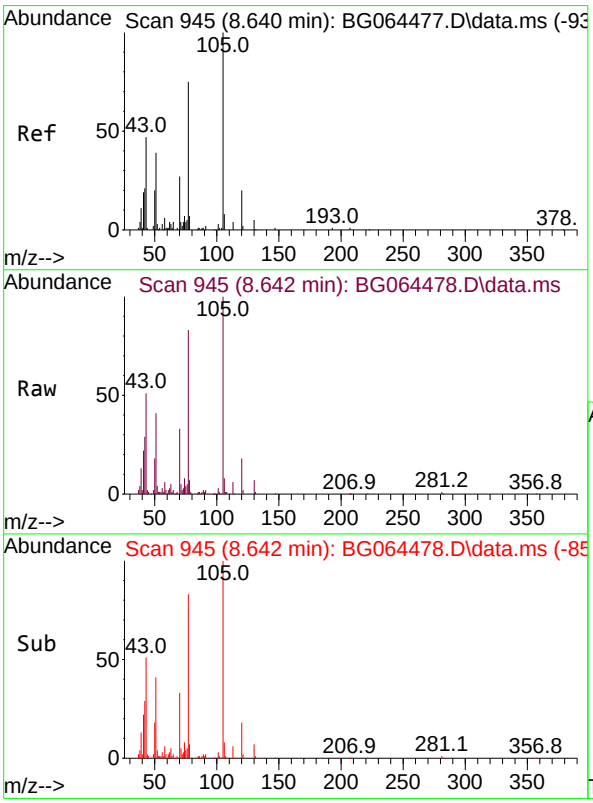
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.3	12.5
54	8.4	6.2	9.4
68	3.5	3.0	4.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations
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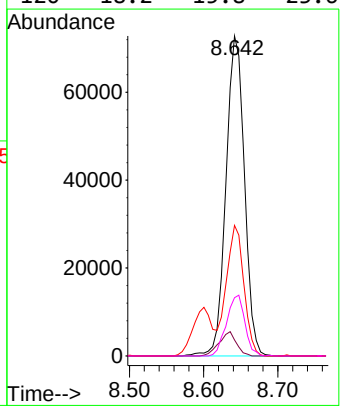
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

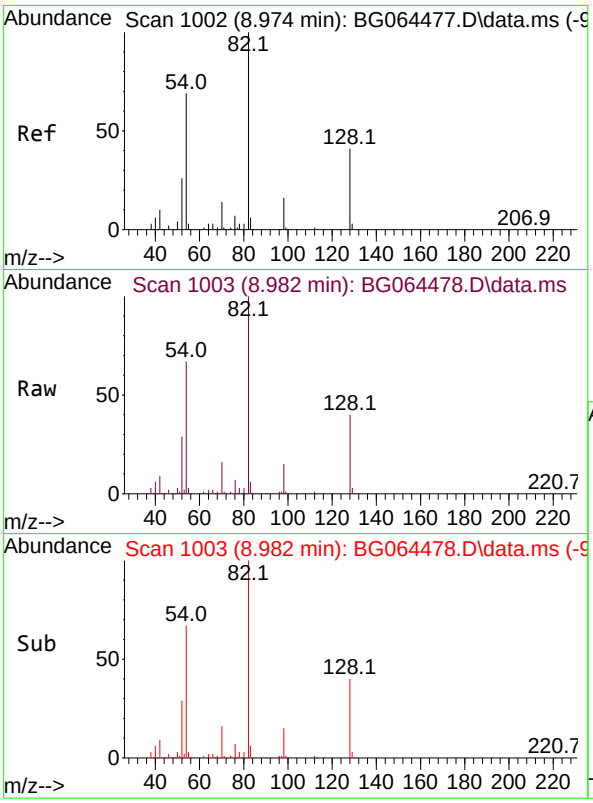


#22
Acetophenone
Concen: 50.649 ng
RT: 8.642 min Scan# 945
Delta R.T. 0.010 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:105 Resp: 125989

Ion	Ratio	Lower	Upper
105	100		
71	5.0	2.8	4.2#
51	40.8	33.0	49.4
120	18.2	15.8	23.6

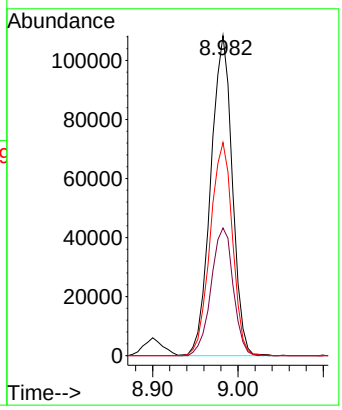




#23
Nitrobenzene-d5
Concen: 99.278 ng
RT: 8.982 min Scan# 1
Delta R.T. 0.016 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion: 82 Resp: 18968

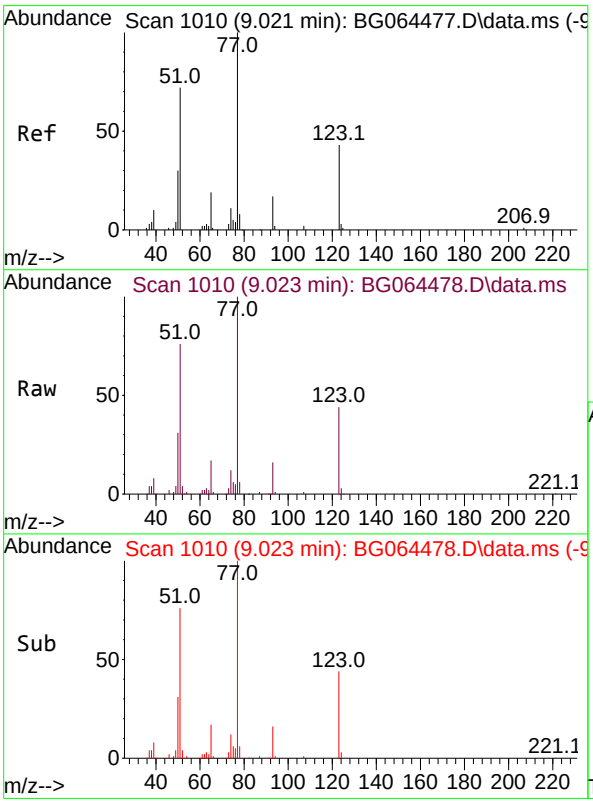
Ion	Ratio	Lower	Upper
82	100		
128	39.9	33.1	49.7
54	66.6	55.4	83.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

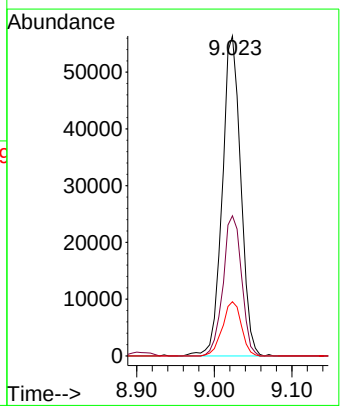
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

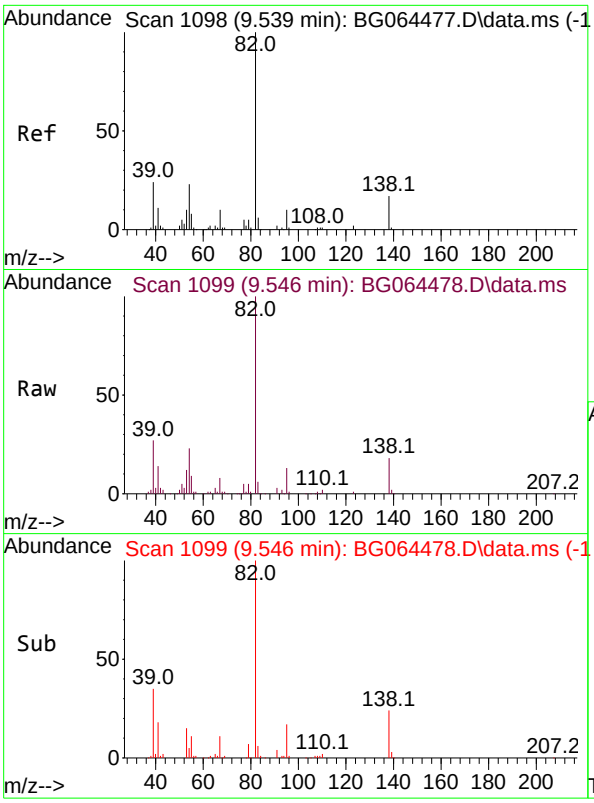


#24
Nitrobenzene
Concen: 49.104 ng
RT: 9.023 min Scan# 1010
Delta R.T. 0.010 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion: 77 Resp: 93559

Ion	Ratio	Lower	Upper
77	100		
123	43.8	34.4	51.6
65	16.9	14.8	22.2

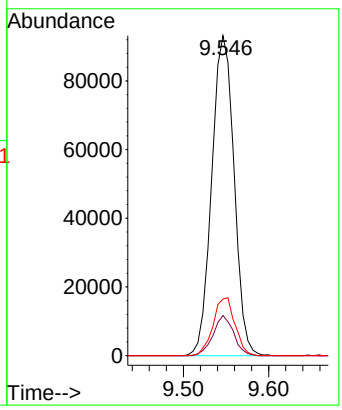




#25
Isophorone
Concen: 48.963 ng
RT: 9.546 min Scan# 1
Delta R.T. 0.016 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion: 82 Resp: 16947

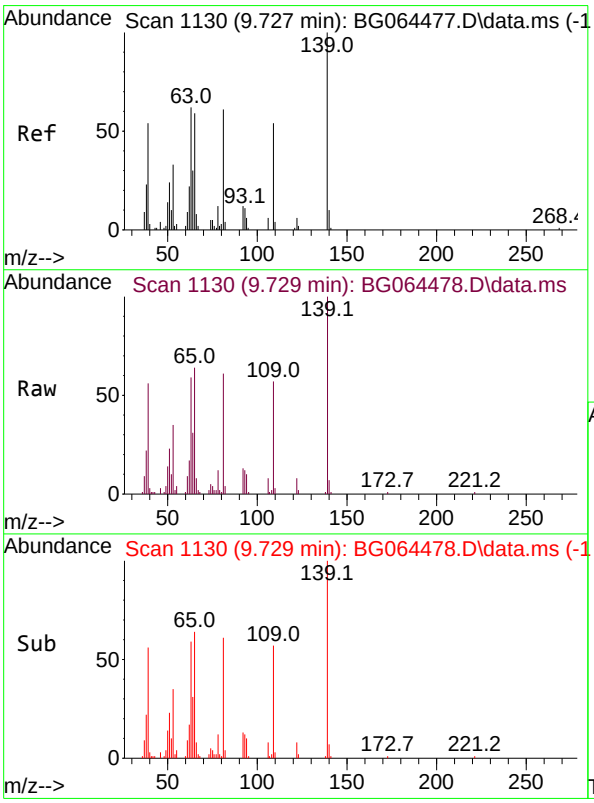
Ion	Ratio	Lower	Upper
82	100		
95	12.5	7.8	11.8#
138	17.7	13.8	20.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

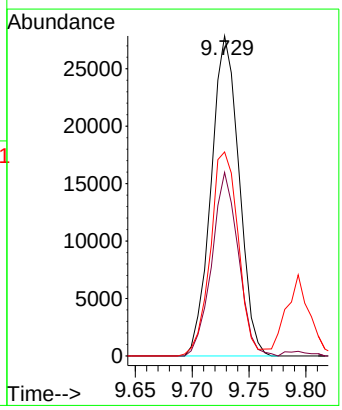
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

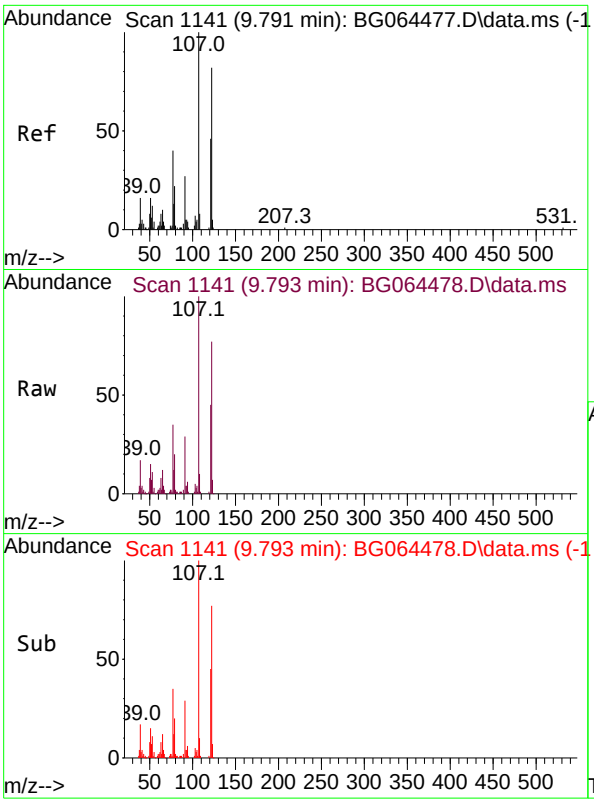


#26
2-Nitrophenol
Concen: 50.130 ng
RT: 9.729 min Scan# 1130
Delta R.T. 0.010 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:139 Resp: 47538

Ion	Ratio	Lower	Upper
139	100		
109	57.3	43.0	64.6
65	63.7	47.4	71.2

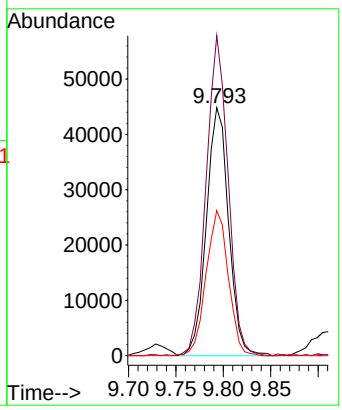




#27
2,4-Dimethylphenol
Concen: 50.454 ng
RT: 9.793 min Scan# 11
Delta R.T. 0.010 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:122 Resp: 7307

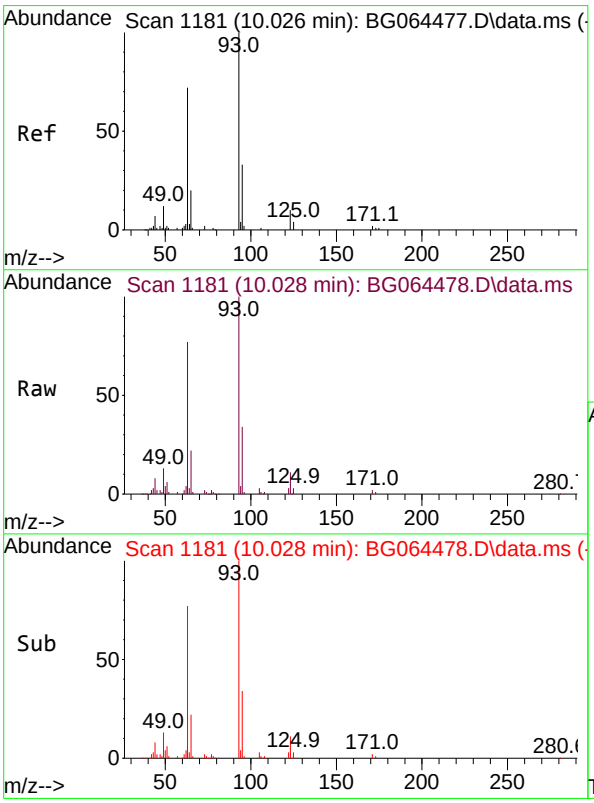
Ion	Ratio	Lower	Upper
122	100		
107	129.1	98.3	147.5
121	58.5	44.7	67.1



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

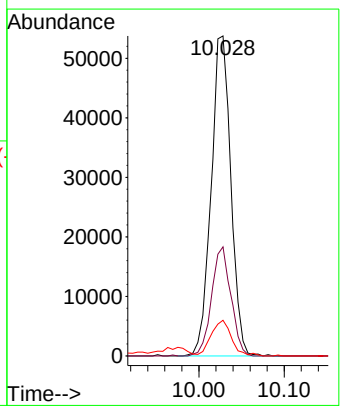
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

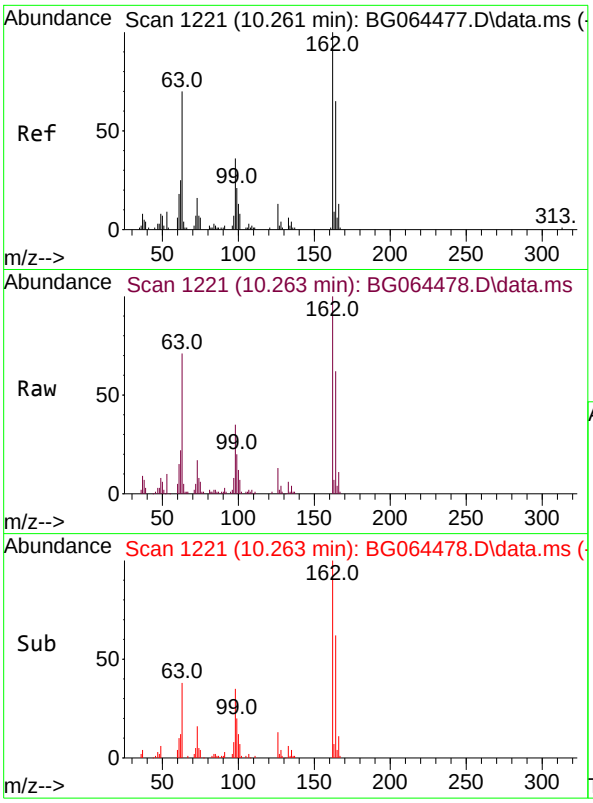


#28
bis(2-Chloroethoxy)methane
Concen: 48.931 ng
RT: 10.028 min Scan# 1181
Delta R.T. 0.010 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion: 93 Resp: 86333

Ion	Ratio	Lower	Upper
93	100		
95	34.1	26.5	39.7
123	11.1	8.9	13.3

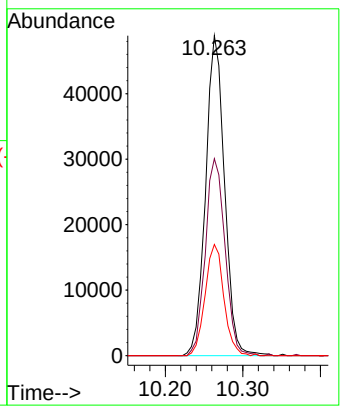




#29
2,4-Dichlorophenol
Concen: 49.435 ng
RT: 10.263 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:162 Resp: 8279

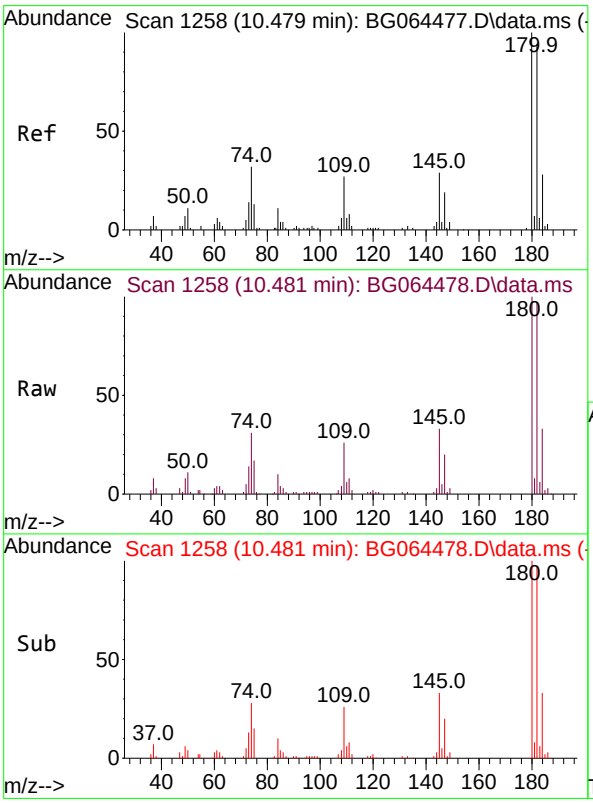
Ion	Ratio	Lower	Upper
162	100		
164	61.5	45.4	85.4
98	34.7	16.4	56.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

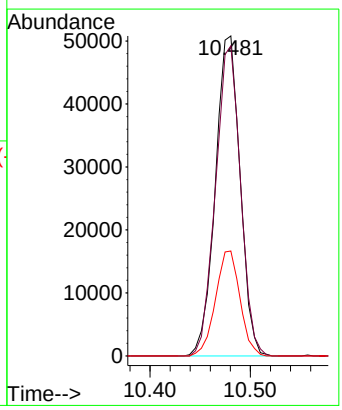
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

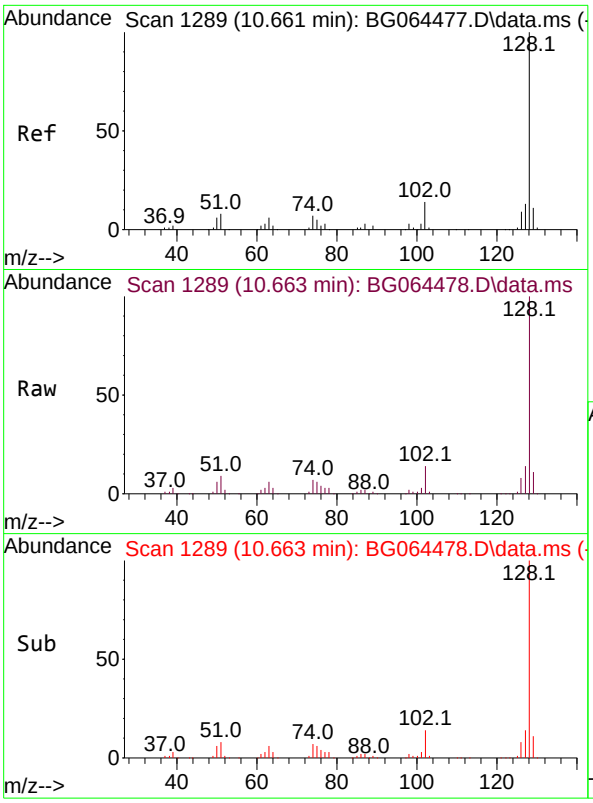


#30
1,2,4-Trichlorobenzene
Concen: 47.734 ng
RT: 10.481 min Scan# 1258
Delta R.T. 0.010 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:180 Resp: 87173

Ion	Ratio	Lower	Upper
180	100		
182	96.9	75.4	113.2
145	32.8	23.2	34.8

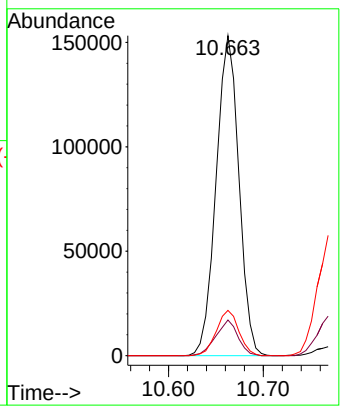




#31
Naphthalene
Concen: 48.286 ng
RT: 10.663 min Scan# 1
Delta R.T. 0.010 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:128 Resp: 25545

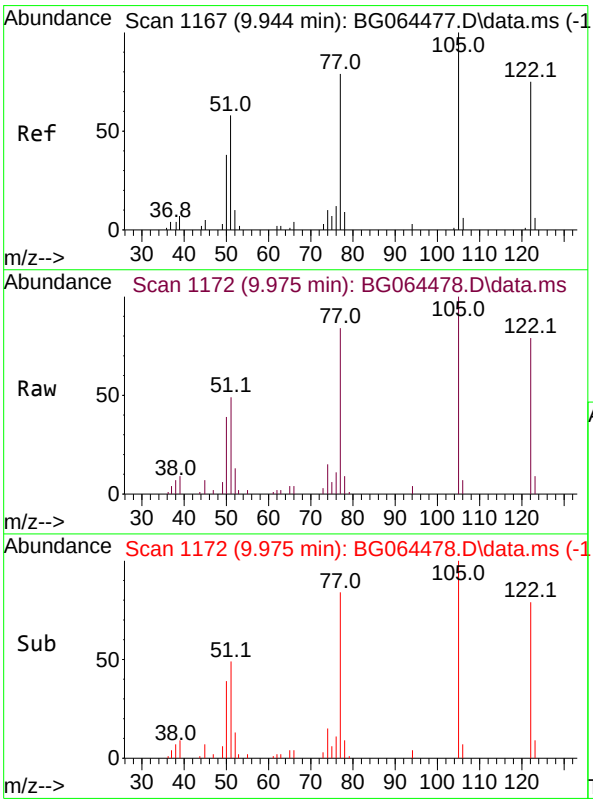
Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	14.1	10.2	15.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

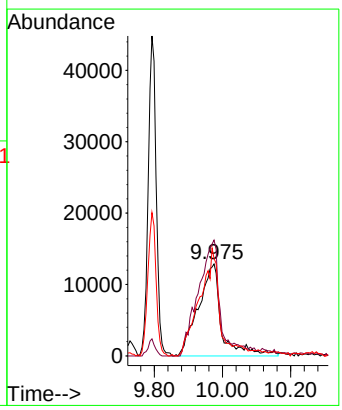
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

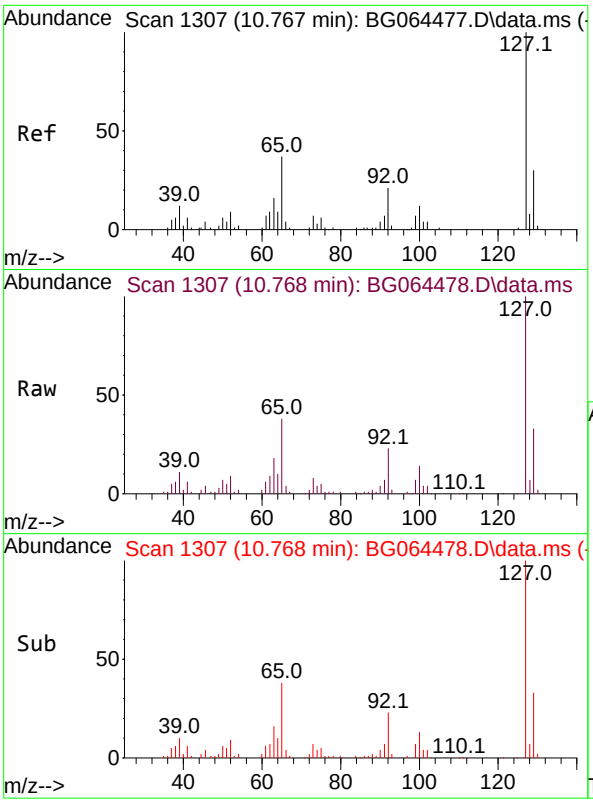


#32
Benzoic acid
Concen: 54.652 ng m
RT: 9.975 min Scan# 1172
Delta R.T. 0.087 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:122 Resp: 60774

Ion	Ratio	Lower	Upper
122	100		
105	125.9	113.9	153.9
77	105.8	86.1	126.1

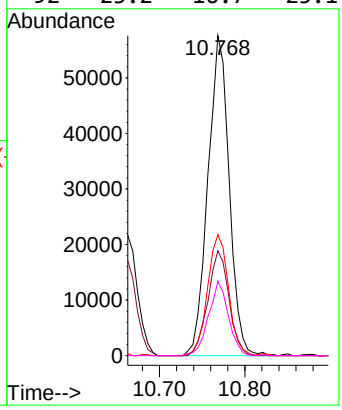




#33
4-Chloroaniline
Concen: 49.113 ng
RT: 10.768 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:127 Resp: 9970

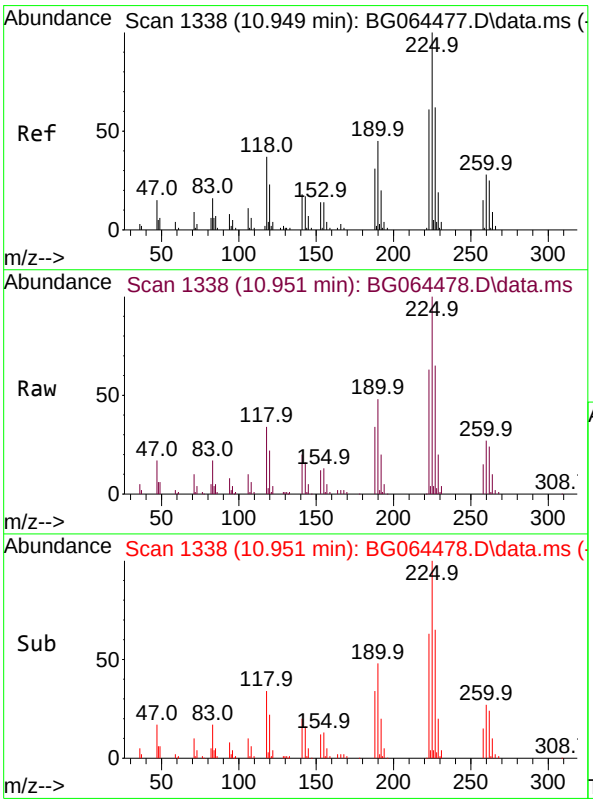
Ion	Ratio	Lower	Upper
127	100		
129	32.8	24.2	36.4
65	37.8	29.6	44.4
92	23.2	16.7	25.1



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

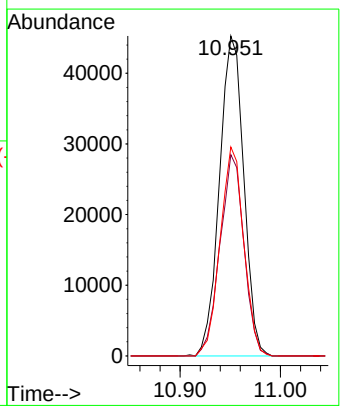
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

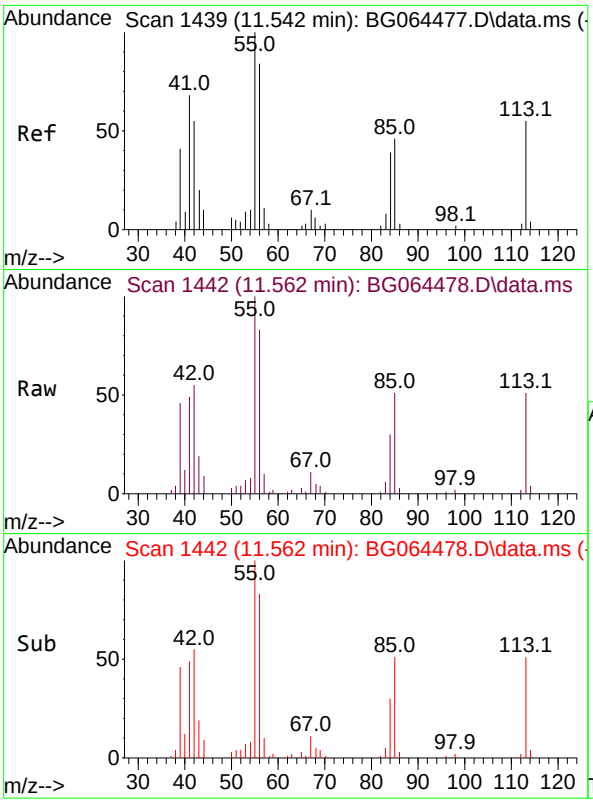


#34
Hexachlorobutadiene
Concen: 48.646 ng
RT: 10.951 min Scan# 1338
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:225 Resp: 76081

Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.0	73.6
227	65.3	49.9	74.9

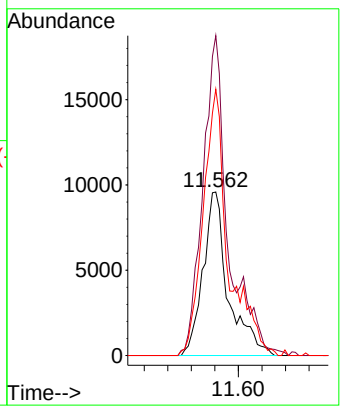




#35
Caprolactam
Concen: 49.561 ng
RT: 11.562 min Scan# 14
Delta R.T. 0.051 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:113 Resp: 2841

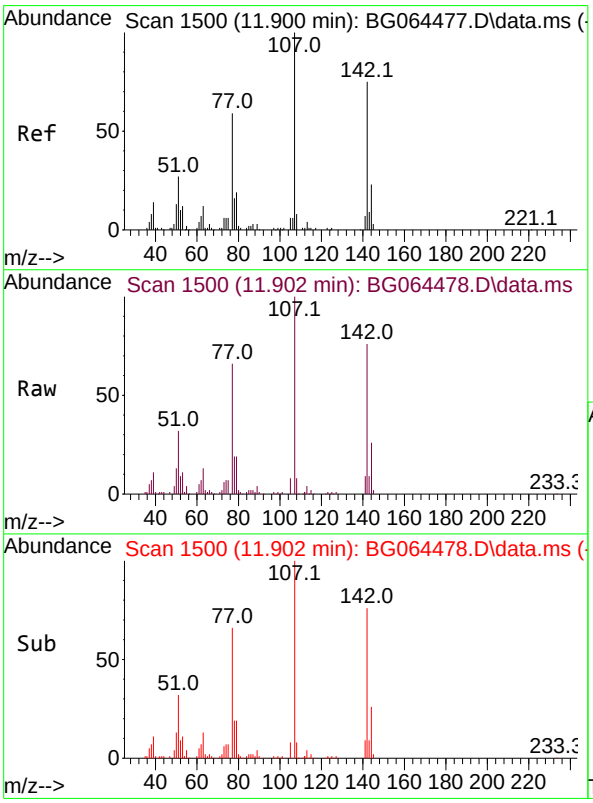
Ion	Ratio	Lower	Upper
113	100		
55	195.6	162.0	202.0
56	162.8	134.6	174.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

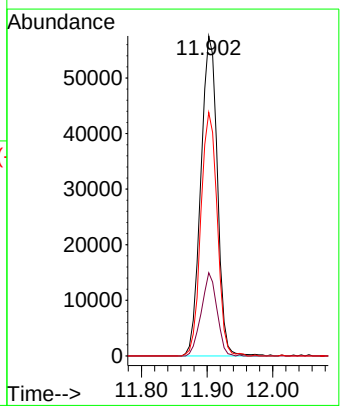
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

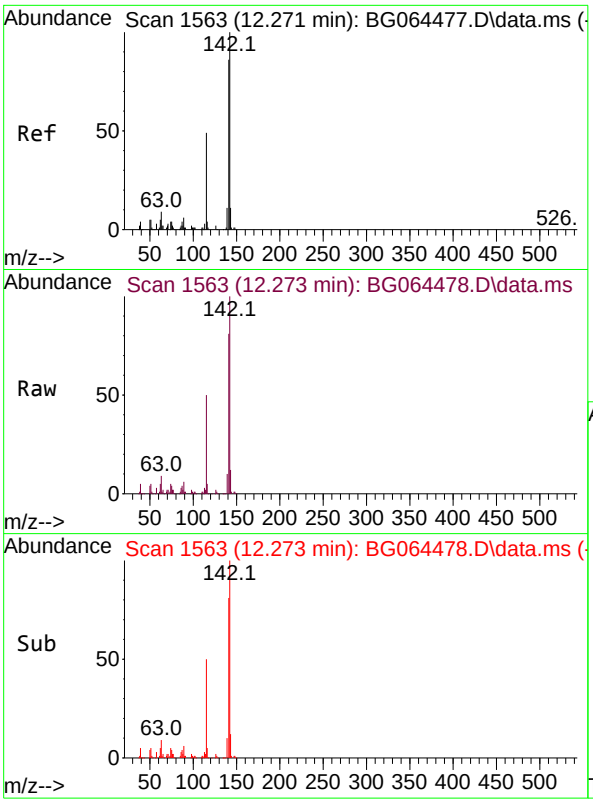


#36
4-Chloro-3-methylphenol
Concen: 49.208 ng
RT: 11.902 min Scan# 1500
Delta R.T. 0.010 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:107 Resp: 100226

Ion	Ratio	Lower	Upper
107	100		
144	26.0	18.7	28.1
142	76.1	60.2	90.2

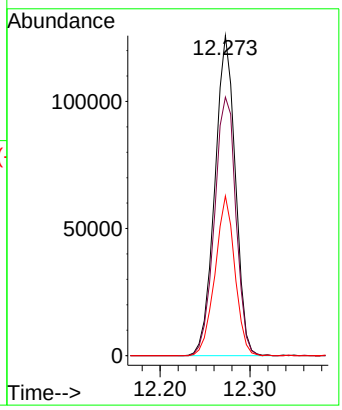




#37
2-Methylnaphthalene
Concen: 49.224 ng
RT: 12.273 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:142 Resp: 19989

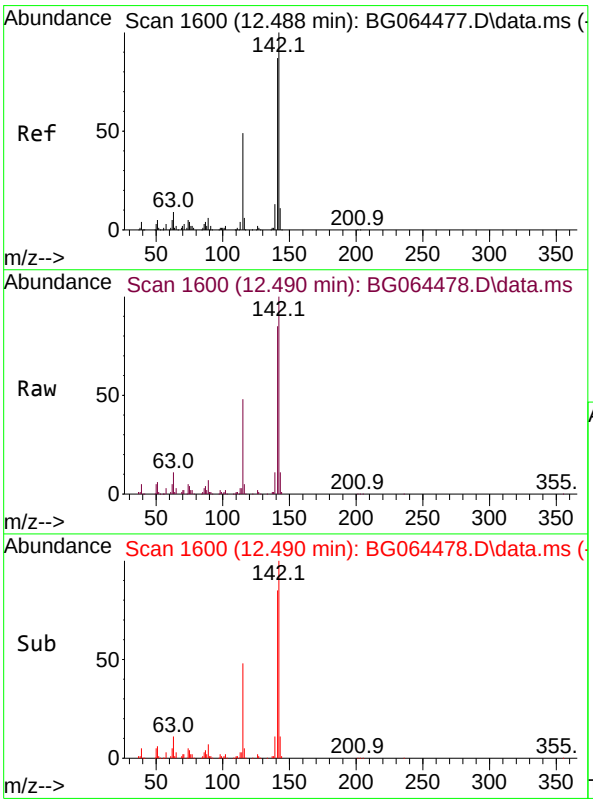
Ion	Ratio	Lower	Upper
142	100		
141	80.8	68.7	103.1
115	49.9	39.3	58.9



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations
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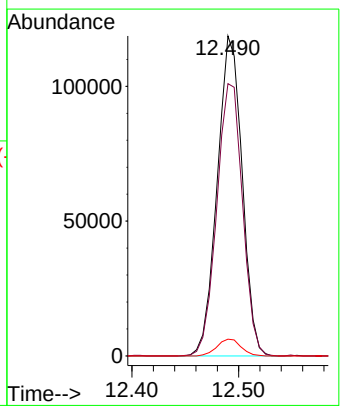
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

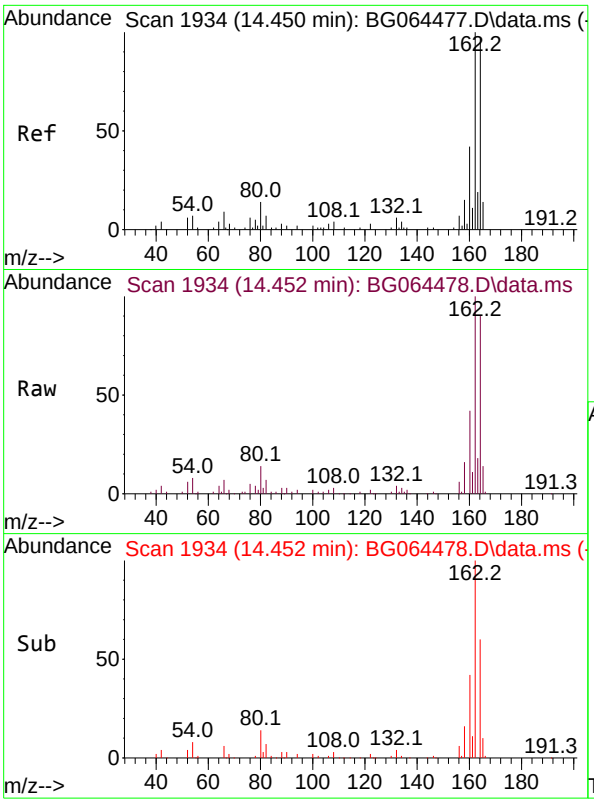


#38
1-Methylnaphthalene
Concen: 47.567 ng
RT: 12.490 min Scan# 1600
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:142 Resp: 192614

Ion	Ratio	Lower	Upper
142	100		
141	85.1	69.8	104.8
116	5.2	4.6	6.8

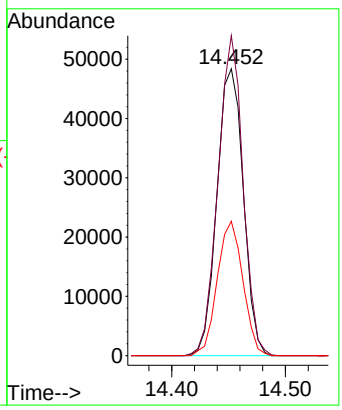




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.452 min Scan# 19
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:164 Resp: 7795

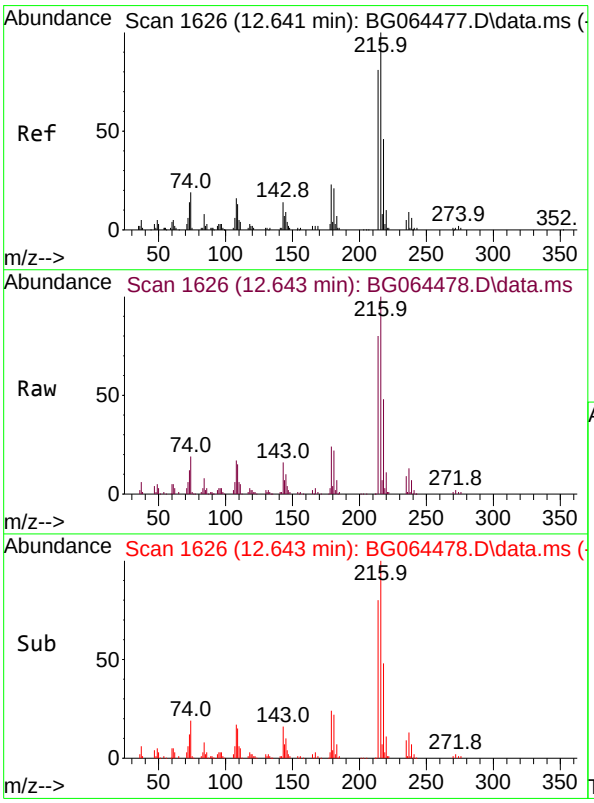
Ion	Ratio	Lower	Upper
164	100		
162	111.6	82.2	123.2
160	46.9	34.3	51.5



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

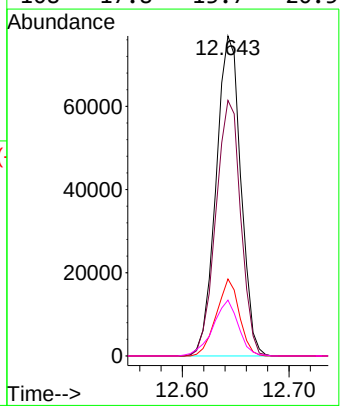
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

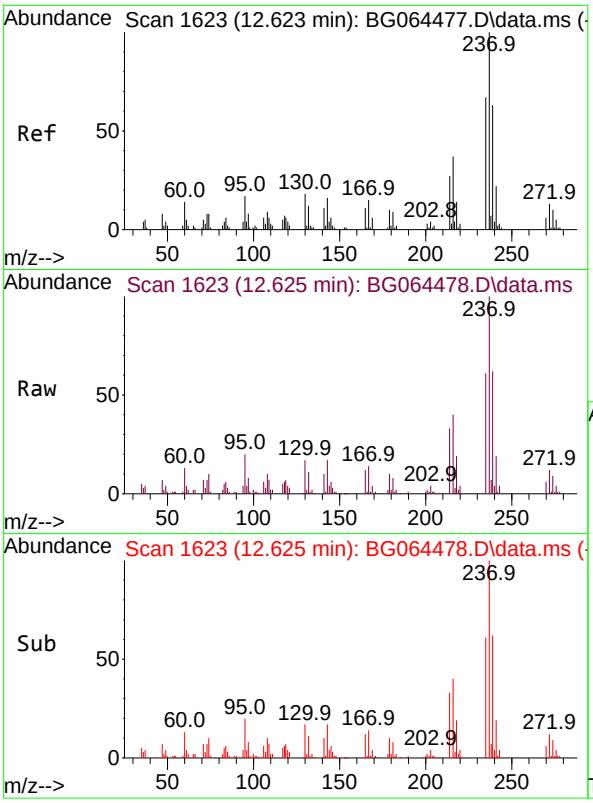


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.525 ng
RT: 12.643 min Scan# 1626
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:216 Resp: 124648

Ion	Ratio	Lower	Upper
216	100		
214	80.0	62.5	93.7
179	22.2	17.0	25.6
108	17.8	13.7	20.5

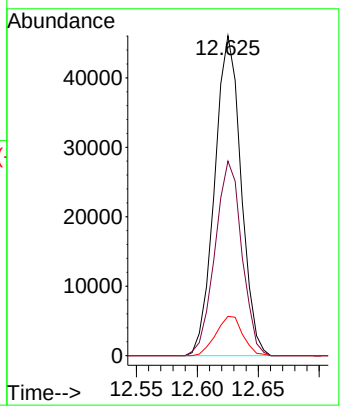




#41
Hexachlorocyclopentadiene
Concen: 52.692 ng
RT: 12.625 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:237 Resp: 6937

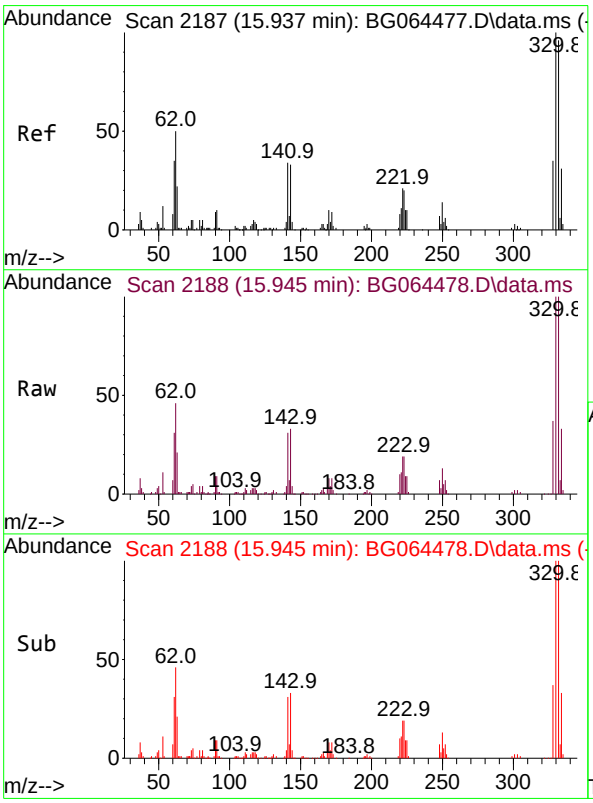
Ion	Ratio	Lower	Upper
237	100		
235	60.8	46.9	86.9
272	12.3	0.0	32.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

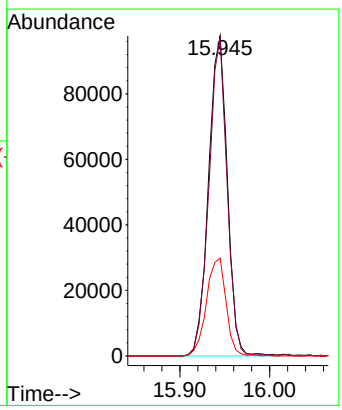
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

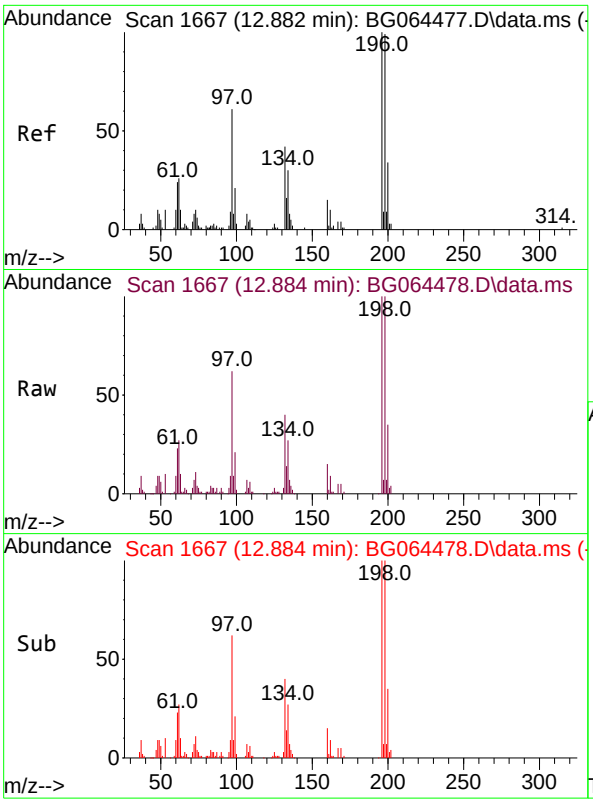


#42
2,4,6-Tribromophenol
Concen: 100.345 ng
RT: 15.945 min Scan# 2188
Delta R.T. 0.010 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:330 Resp: 141783

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.4	116.0
141	31.9	25.8	38.6

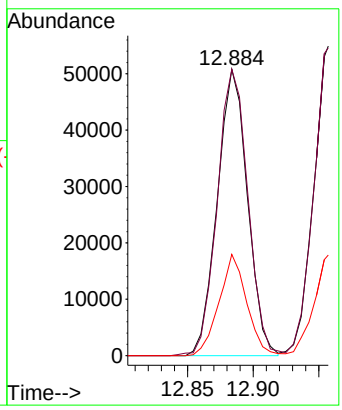




#43
2,4,6-Trichlorophenol
Concen: 50.434 ng
RT: 12.884 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:196 Resp: 8114

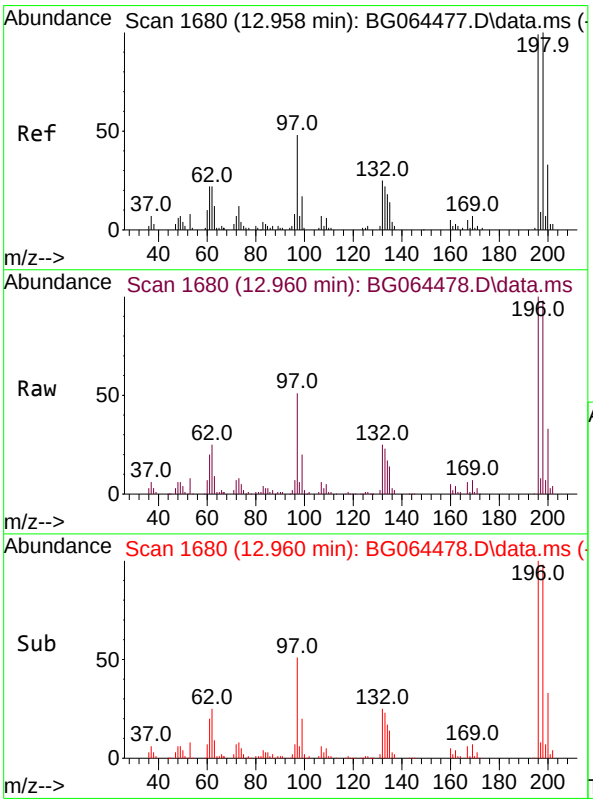
Ion	Ratio	Lower	Upper
196	100		
198	100.0	79.3	118.9
200	35.4	27.4	41.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

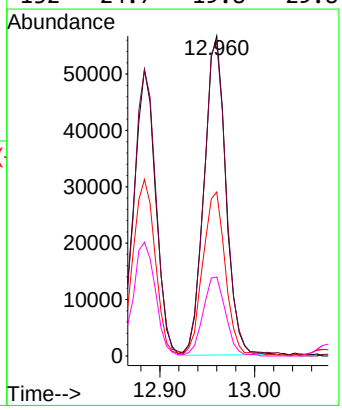
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

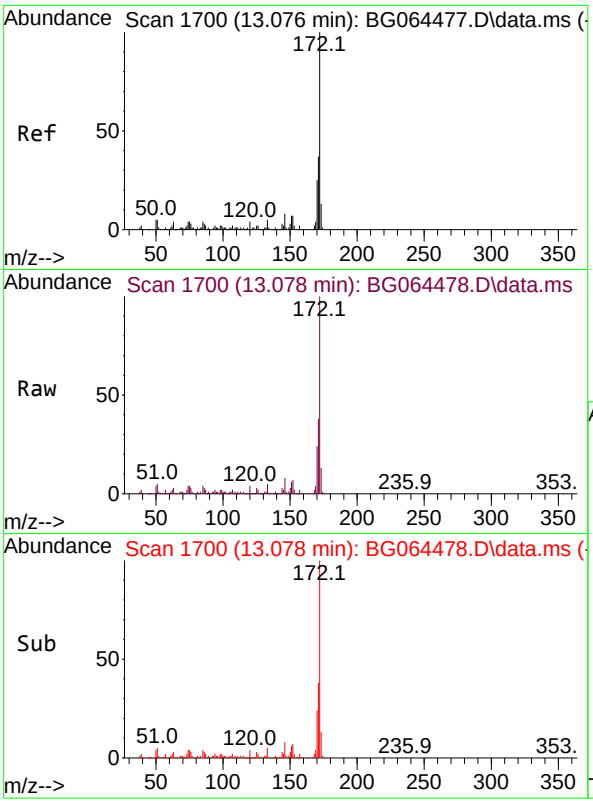


#44
2,4,5-Trichlorophenol
Concen: 50.396 ng
RT: 12.960 min Scan# 1680
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:196 Resp: 90524

Ion	Ratio	Lower	Upper
196	100		
198	98.0	80.3	120.5
97	51.2	39.4	59.0
132	24.7	19.8	29.8

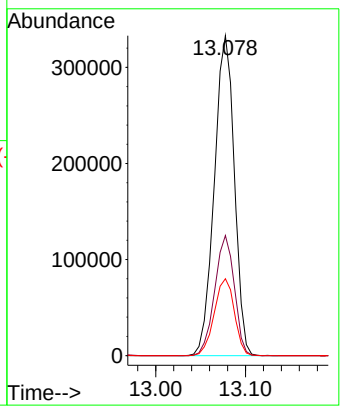




#45
2-Fluorobiphenyl
Concen: 97.676 ng
RT: 13.078 min Scan# 1
Delta R.T. 0.010 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:172 Resp: 516540

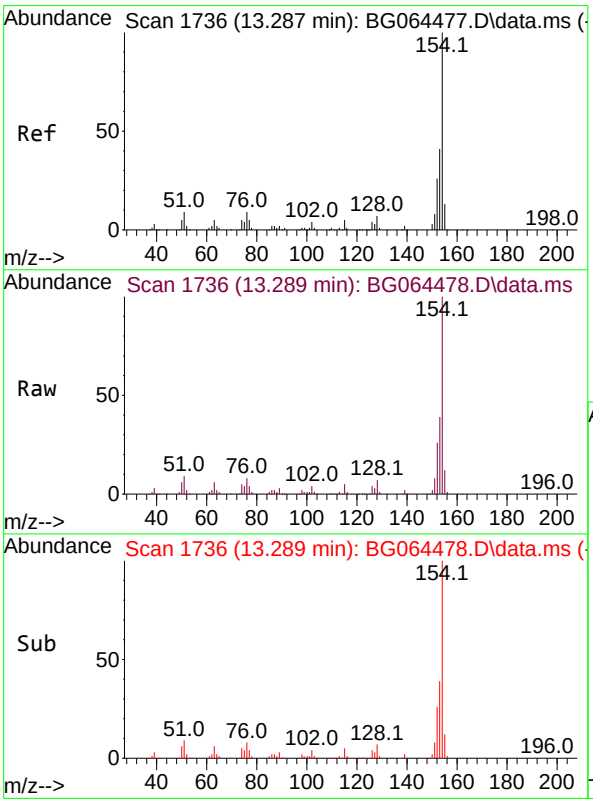
Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.6	44.4
170	24.0	20.2	30.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

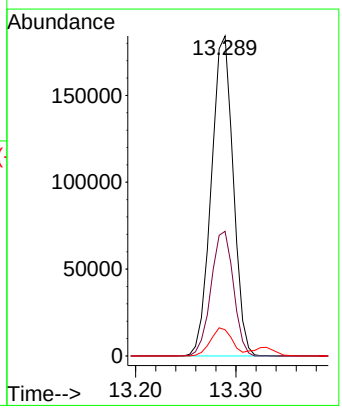
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

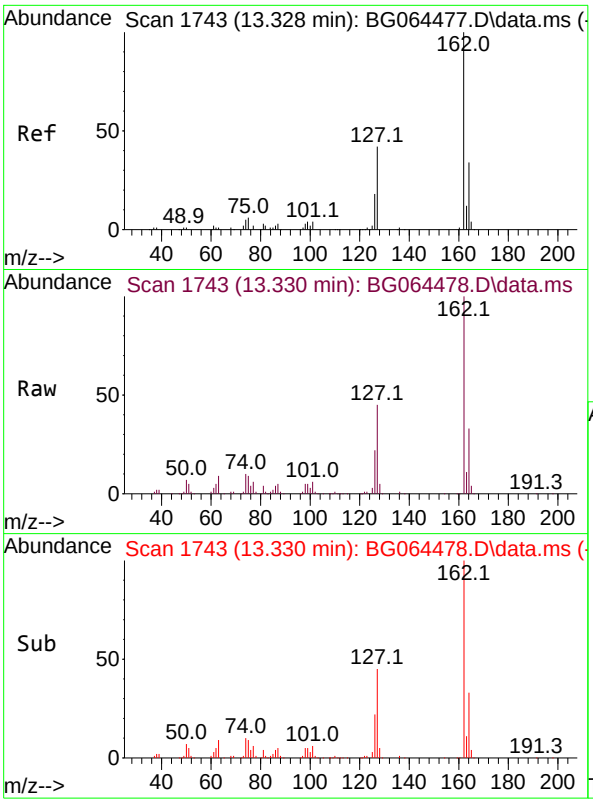


#46
1,1'-Biphenyl
Concen: 49.860 ng
RT: 13.289 min Scan# 1736
Delta R.T. 0.010 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:154 Resp: 279537

Ion	Ratio	Lower	Upper
154	100		
153	38.9	20.7	60.7
76	8.2	0.0	29.3

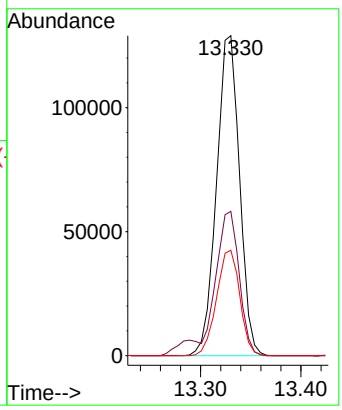




#47
2-Chloronaphthalene
Concen: 49.166 ng
RT: 13.330 min Scan# 1
Delta R.T. 0.010 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:162 Resp: 20580

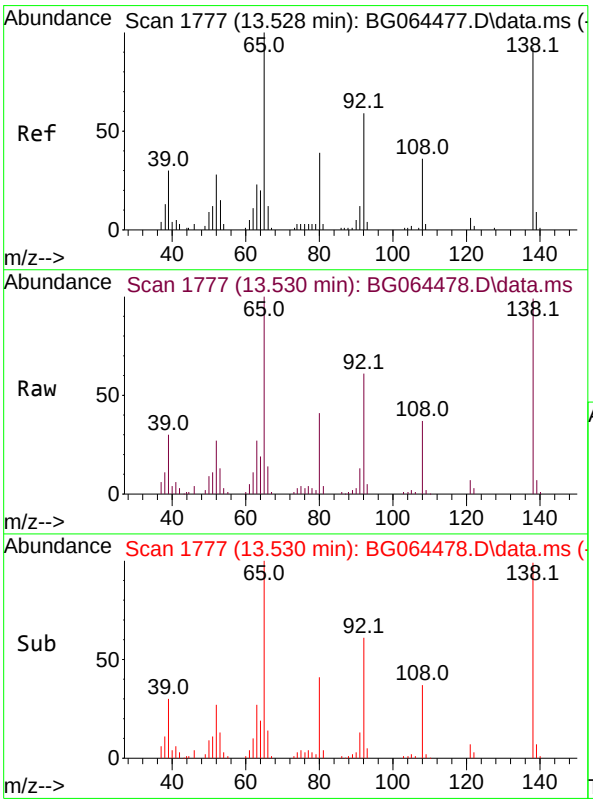
Ion	Ratio	Lower	Upper
162	100		
127	45.1	35.8	53.8
164	32.9	27.2	40.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

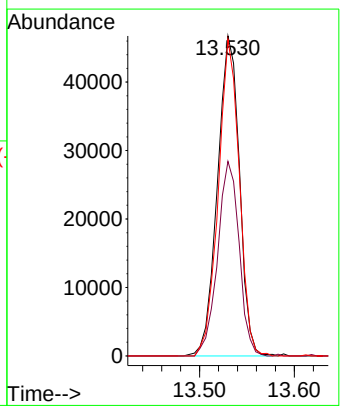
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

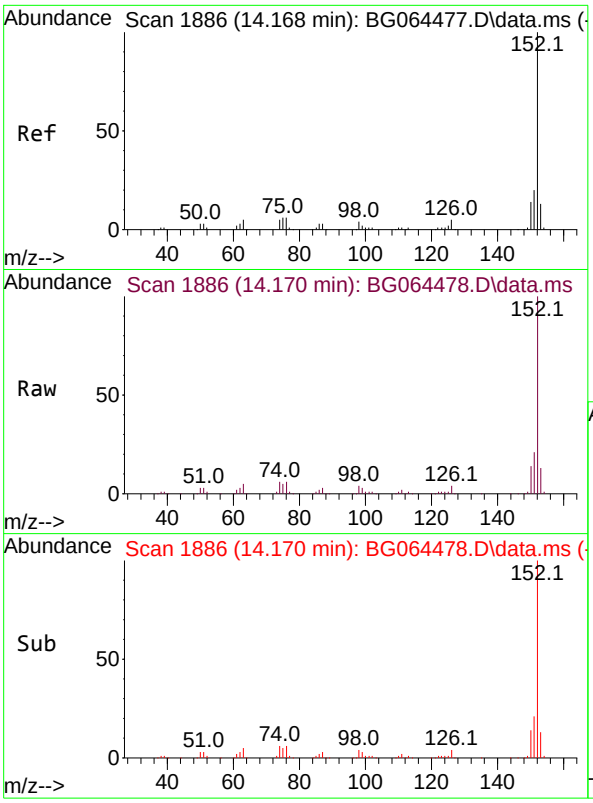


#48
2-Nitroaniline
Concen: 52.594 ng
RT: 13.530 min Scan# 1777
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion: 65 Resp: 75138

Ion	Ratio	Lower	Upper
65	100		
92	60.8	47.0	70.6
138	98.9	73.5	110.3

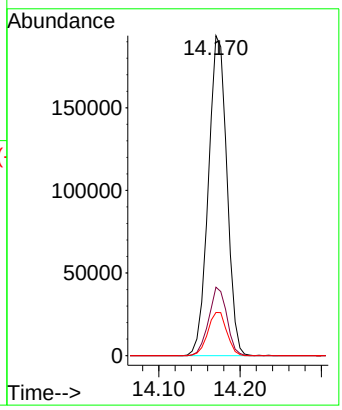




#49
Acenaphthylene
Concen: 49.365 ng
RT: 14.170 min Scan# 18
Delta R.T. -0.002 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:152 Resp: 30674

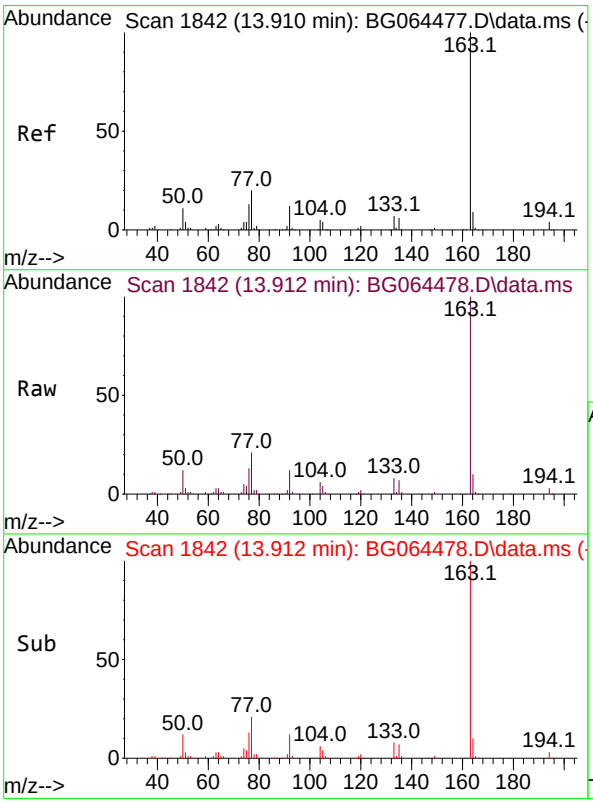
Ion	Ratio	Lower	Upper
152	100		
151	21.4	15.8	23.6
153	13.5	10.6	15.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

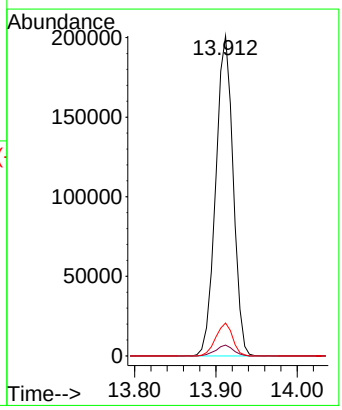
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

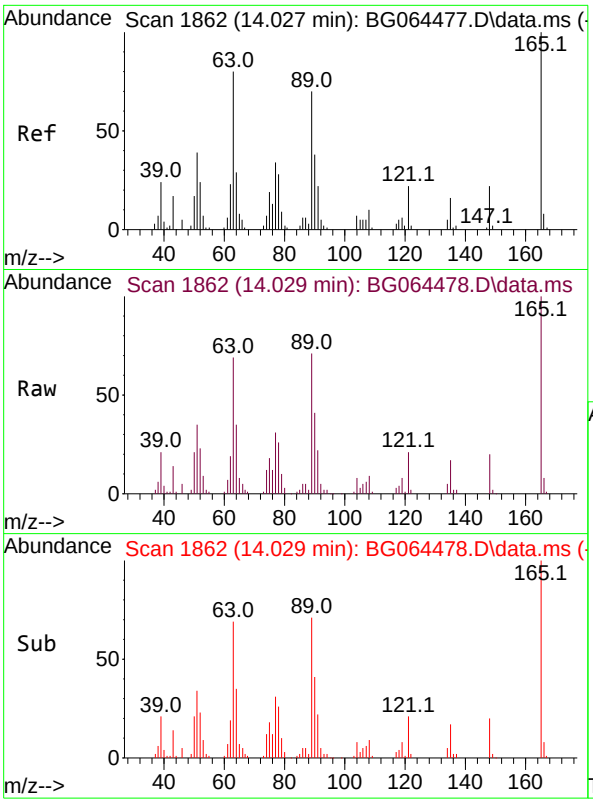


#50
Dimethylphthalate
Concen: 48.884 ng
RT: 13.912 min Scan# 1842
Delta R.T. 0.010 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:163 Resp: 298441

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.9	4.3
164	10.3	7.4	11.0

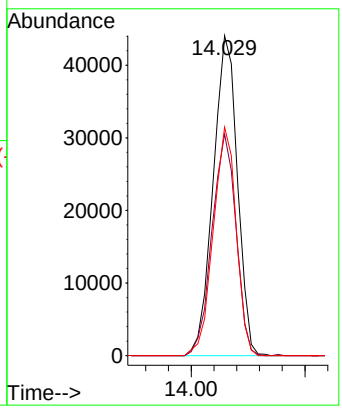




#51
2,6-Dinitrotoluene
Concen: 51.087 ng
RT: 14.029 min Scan# 18
Delta R.T. 0.010 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:165 Resp: 6497

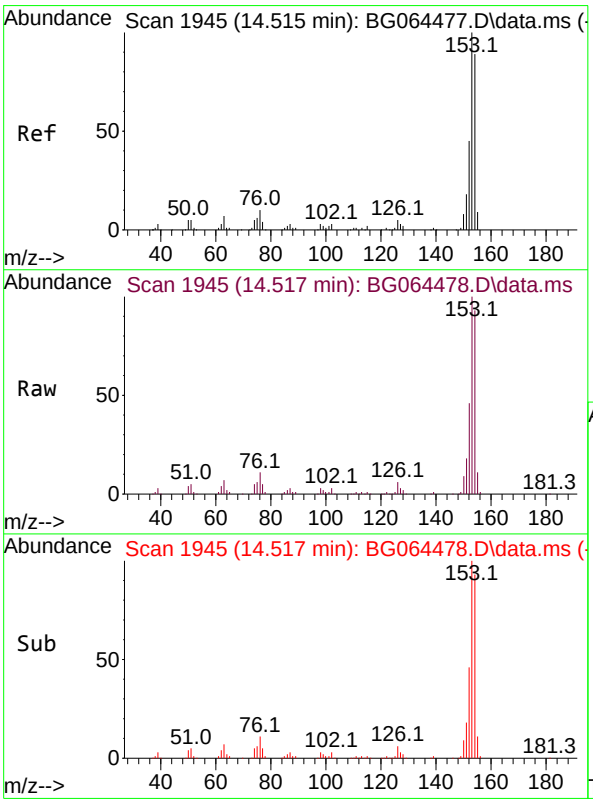
Ion	Ratio	Lower	Upper
165	100		
63	69.2	63.9	95.9
89	71.4	56.1	84.1



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

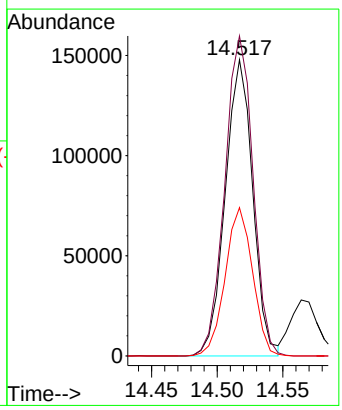
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

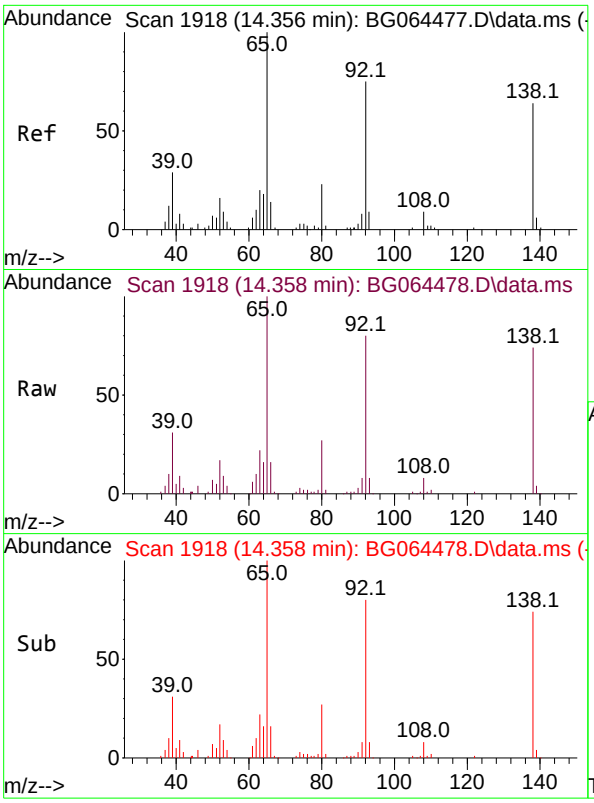


#52
Acenaphthene
Concen: 49.943 ng
RT: 14.517 min Scan# 1945
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:154 Resp: 215606

Ion	Ratio	Lower	Upper
154	100		
153	108.1	90.2	135.4
152	50.1	40.2	60.4

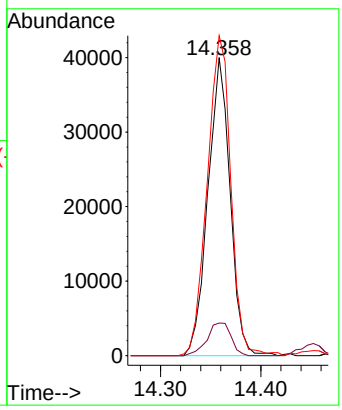




#53
3-Nitroaniline
Concen: 52.305 ng
RT: 14.358 min Scan# 19
Delta R.T. 0.010 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:138 Resp: 6134

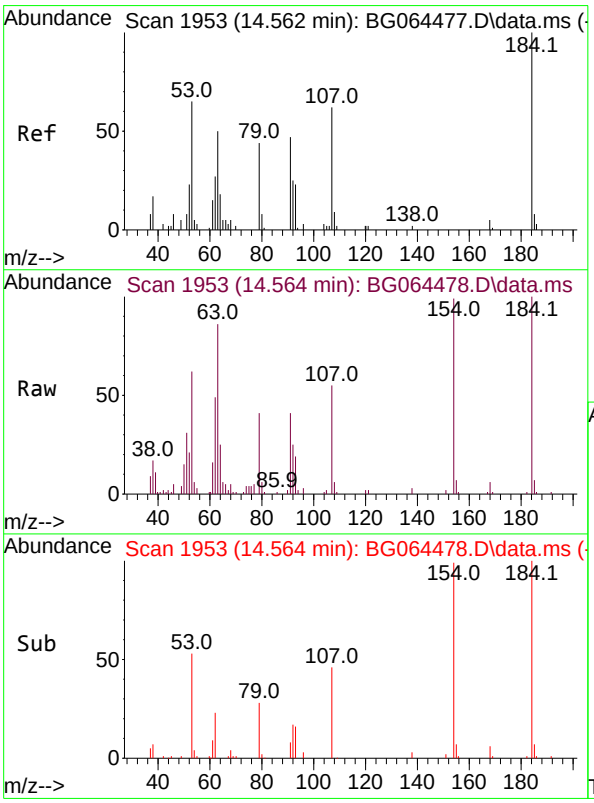
Ion	Ratio	Lower	Upper
138	100		
108	10.9	10.6	15.8
92	107.4	93.2	139.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

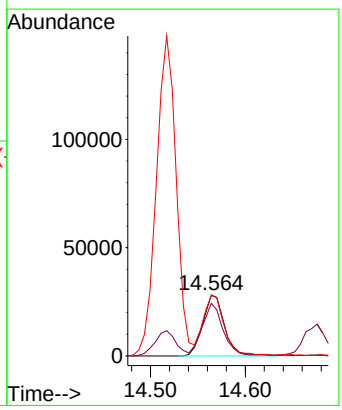
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

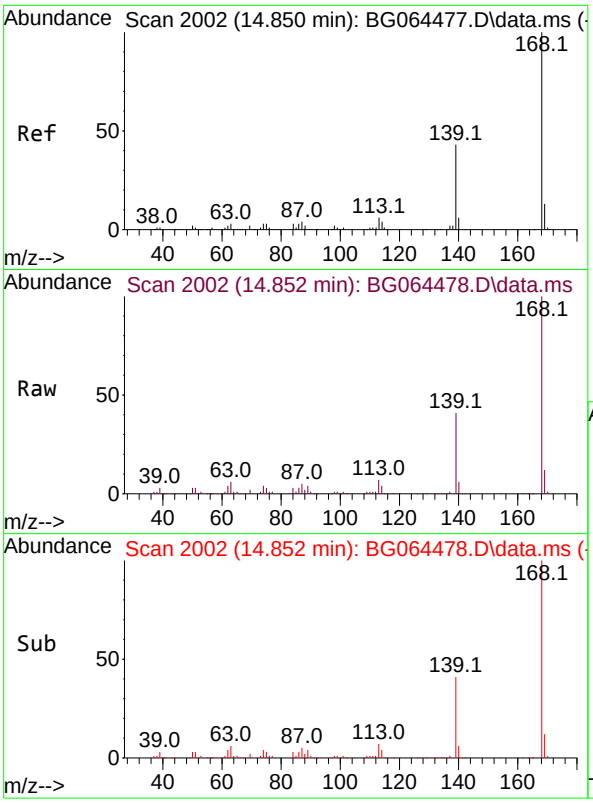


#54
2,4-Dinitrophenol
Concen: 48.222 ng
RT: 14.564 min Scan# 1953
Delta R.T. -0.002 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:184 Resp: 44469

Ion	Ratio	Lower	Upper
184	100		
63	86.4	69.0	103.4
154	99.3	95.6	143.4

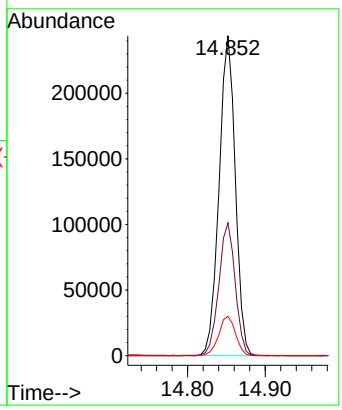




#55
Dibenzofuran
Concen: 49.793 ng
RT: 14.852 min Scan# 2
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:168 Resp: 35492

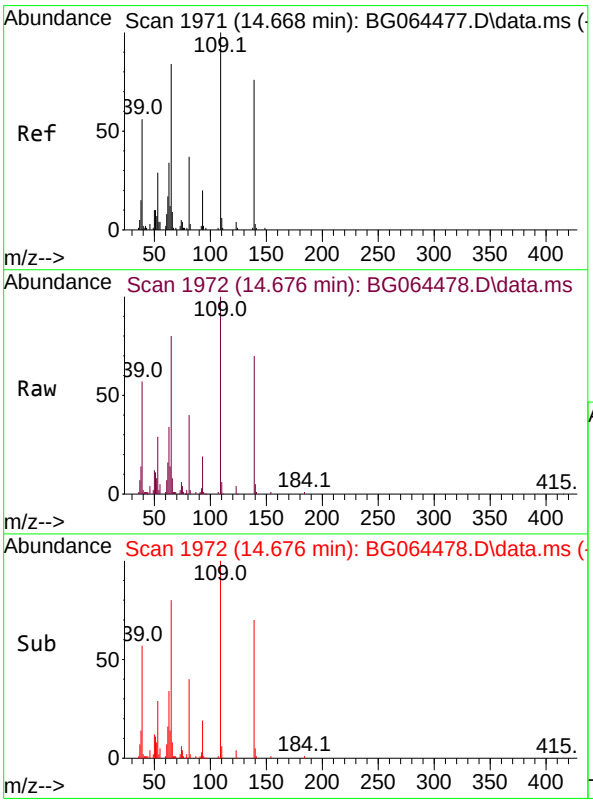
Ion	Ratio	Lower	Upper
168	100		
139	41.5	34.0	51.0
169	12.3	10.2	15.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

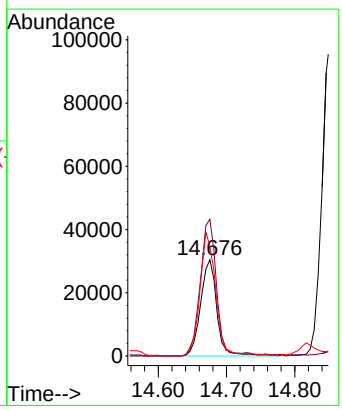
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

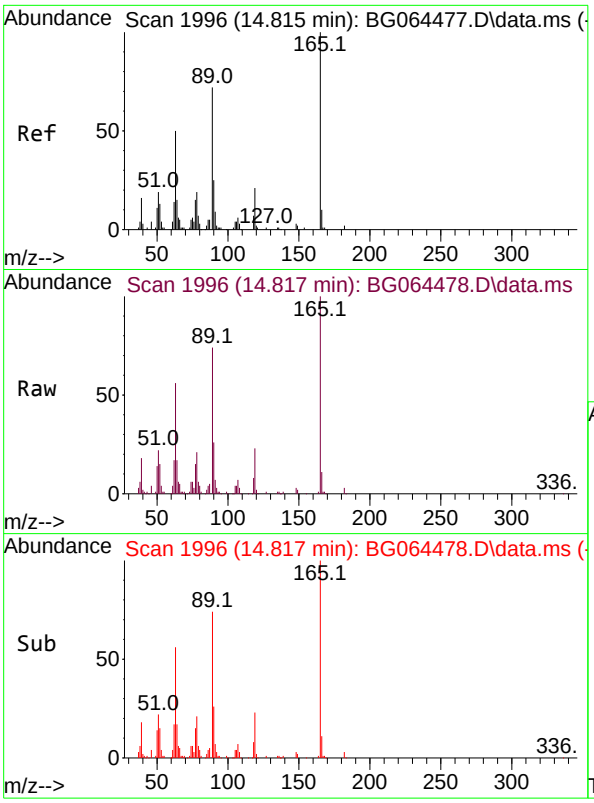


#56
4-Nitrophenol
Concen: 54.092 ng
RT: 14.676 min Scan# 1972
Delta R.T. 0.010 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:139 Resp: 49950

Ion	Ratio	Lower	Upper
139	100		
109	142.0	111.8	151.8
65	113.8	91.1	131.1

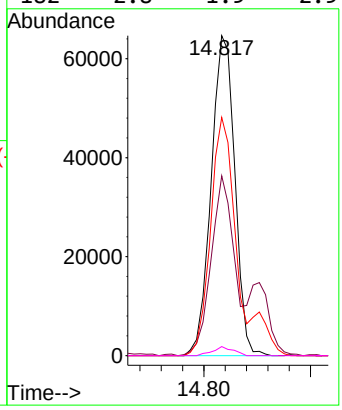




#57
2,4-Dinitrotoluene
Concen: 51.401 ng
RT: 14.817 min Scan# 19
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:165 Resp: 9993

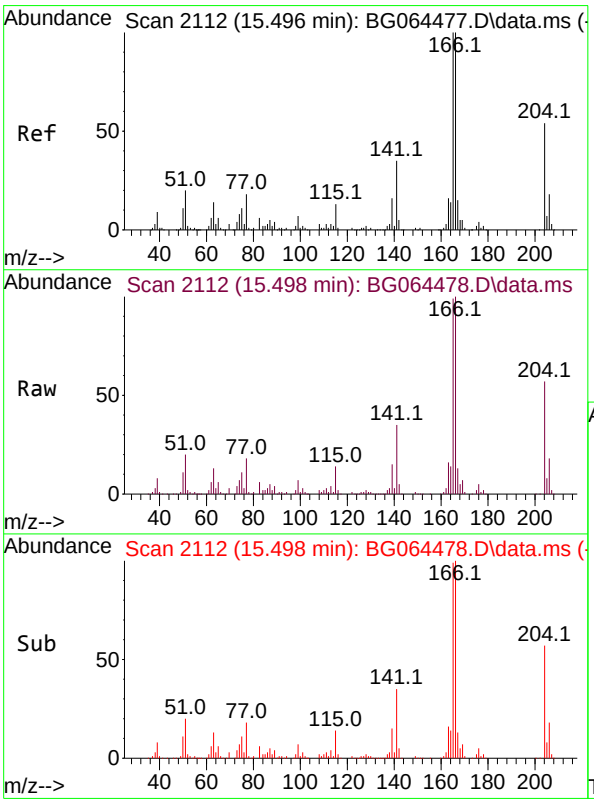
Ion	Ratio	Lower	Upper
165	100		
63	56.2	40.4	60.6
89	74.4	57.3	85.9
182	2.8	1.9	2.9



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

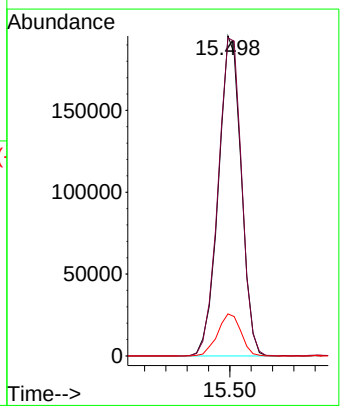
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

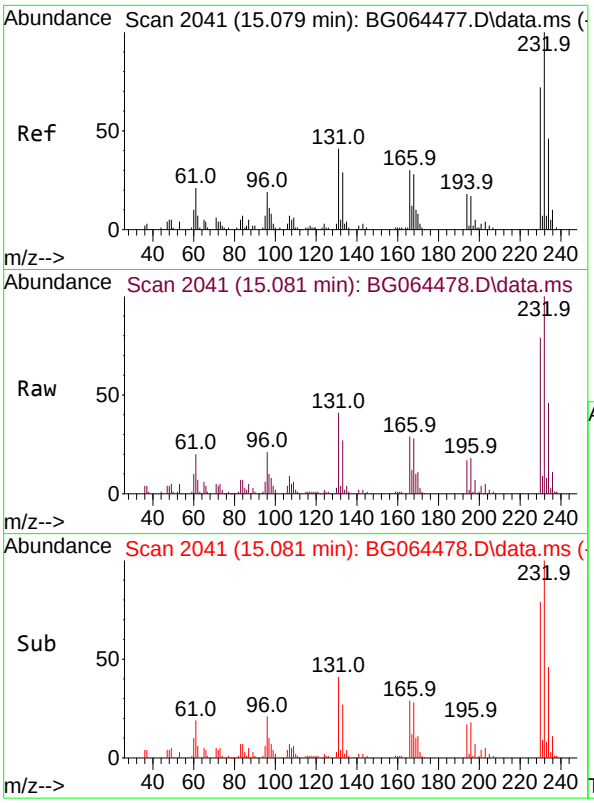


#58
Fluorene
Concen: 48.945 ng
RT: 15.498 min Scan# 2112
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:166 Resp: 290041

Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.8	119.6
167	13.2	11.7	17.5

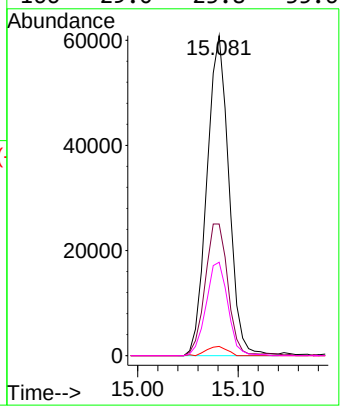




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.511 ng
RT: 15.081 min Scan# 20
Delta R.T. 0.010 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:232 Resp: 9259

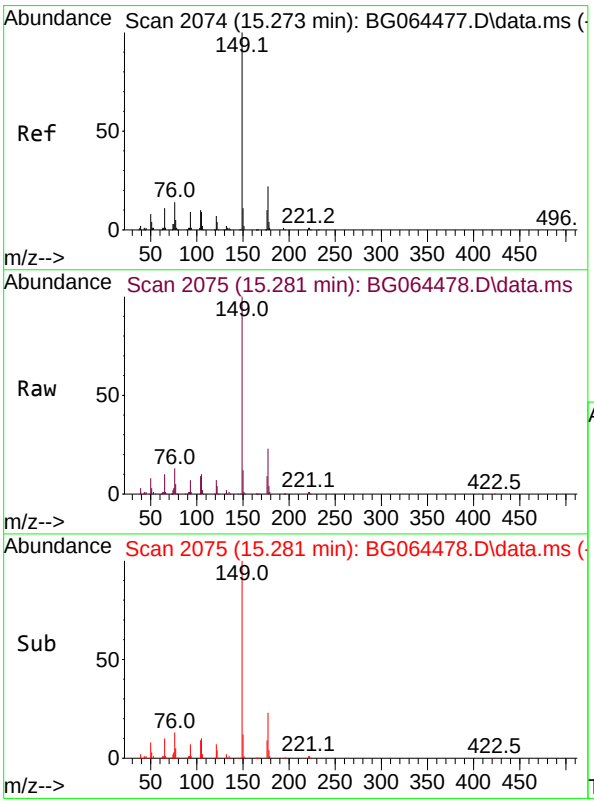
Ion	Ratio	Lower	Upper
232	100		
131	42.5	35.0	52.4
130	2.7	2.0	3.0
166	29.0	23.8	35.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations
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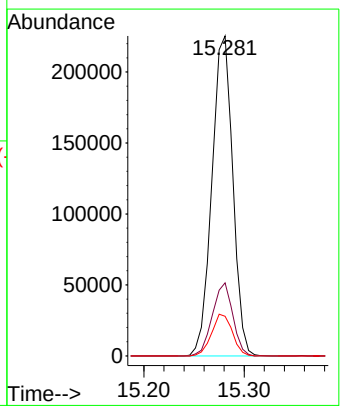
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

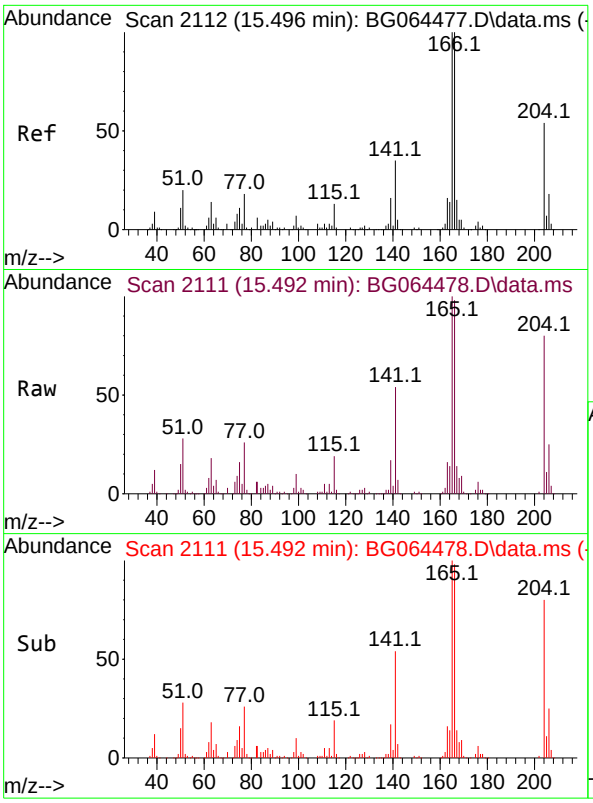


#60
Diethylphthalate
Concen: 49.833 ng
RT: 15.281 min Scan# 2075
Delta R.T. 0.010 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:149 Resp: 326367

Ion	Ratio	Lower	Upper
149	100		
177	22.8	17.4	26.0
150	12.4	9.1	13.7

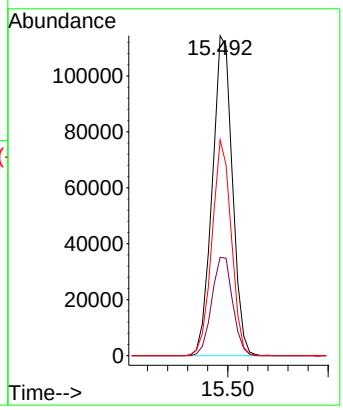




#61
4-Chlorophenyl-phenylether
Concen: 49.191 ng
RT: 15.492 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:204 Resp: 15914

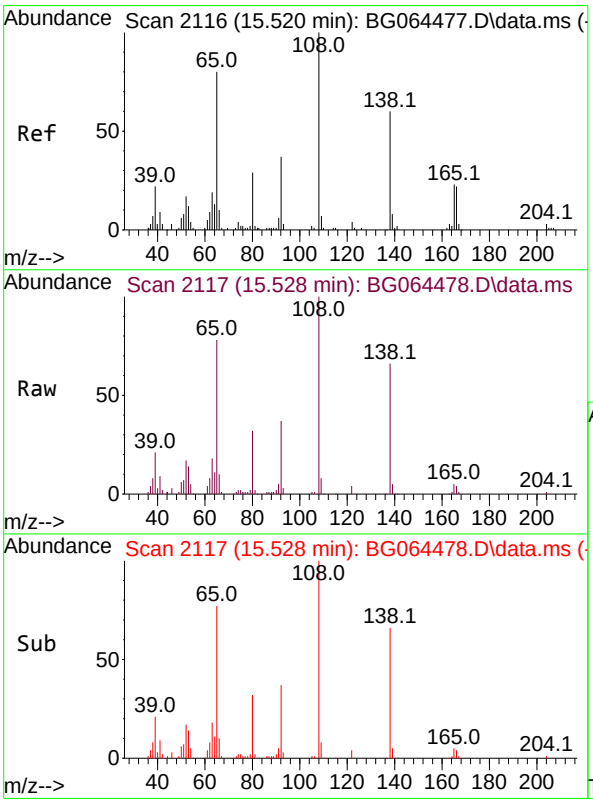
Ion	Ratio	Lower	Upper
204	100		
206	30.7	27.1	40.7
141	67.4	51.5	77.3



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

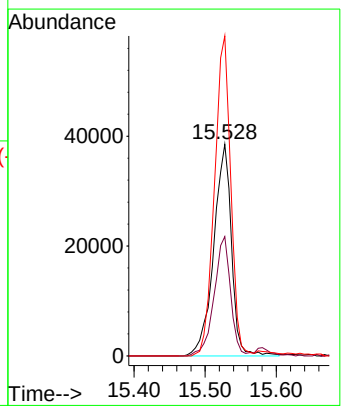
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

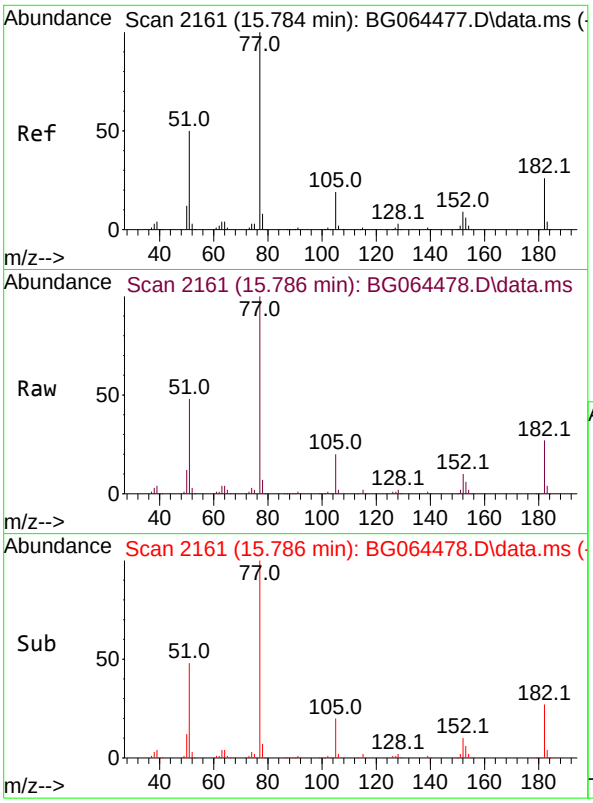


#62
4-Nitroaniline
Concen: 55.050 ng
RT: 15.528 min Scan# 2117
Delta R.T. 0.016 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:138 Resp: 67296

Ion	Ratio	Lower	Upper
138	100		
92	56.4	42.3	82.3
108	151.2	147.7	187.7

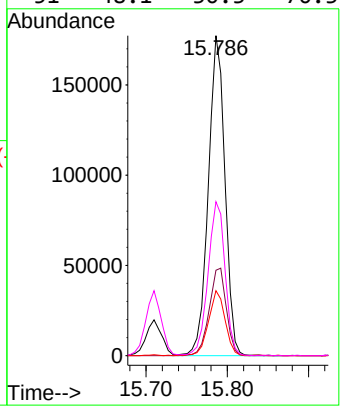




#63
Azobenzene
Concen: 49.764 ng
RT: 15.786 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion: 77 Resp: 252408

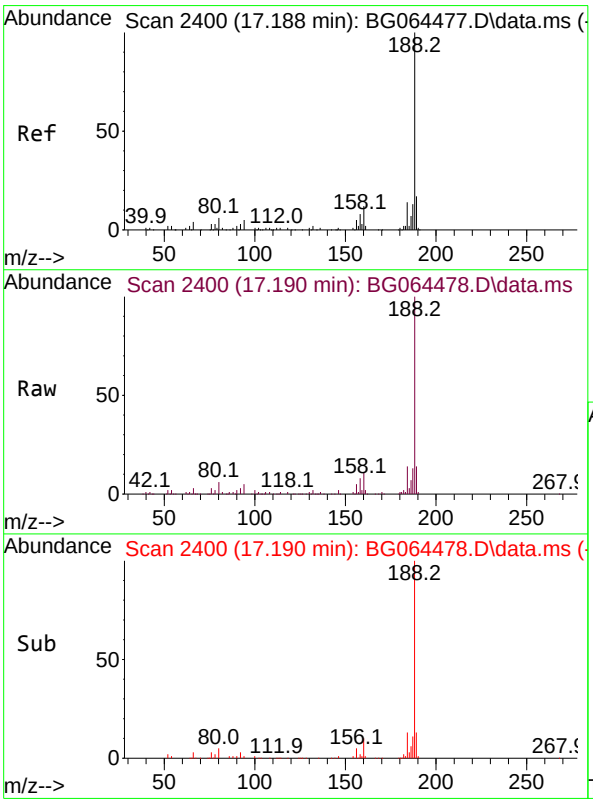
Ion	Ratio	Lower	Upper
77	100		
182	26.7	6.3	46.3
105	20.3	0.0	38.7
51	48.1	30.3	70.3



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

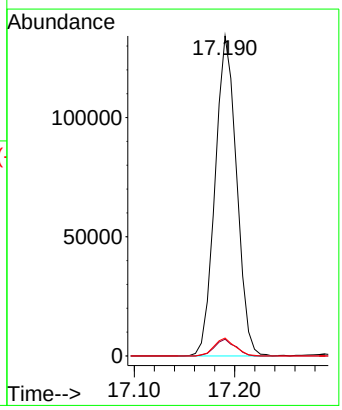
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

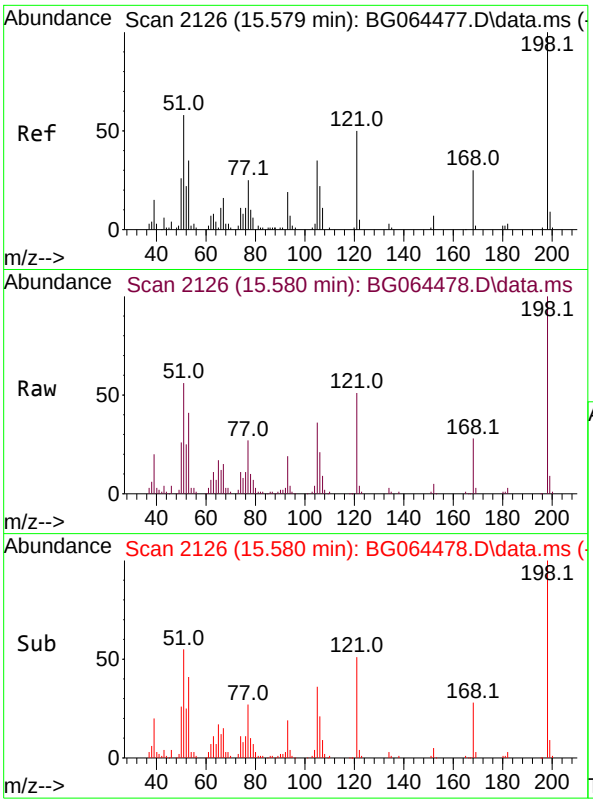


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.190 min Scan# 2400
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:188 Resp: 200361

Ion	Ratio	Lower	Upper
188	100		
94	5.2	3.7	5.5
80	5.6	4.5	6.7

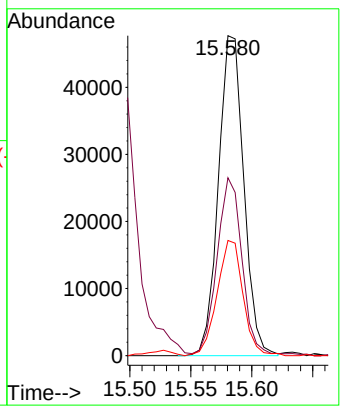




#65
4,6-Dinitro-2-methylphenol
Concen: 49.467 ng
RT: 15.580 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:198 Resp: 6900

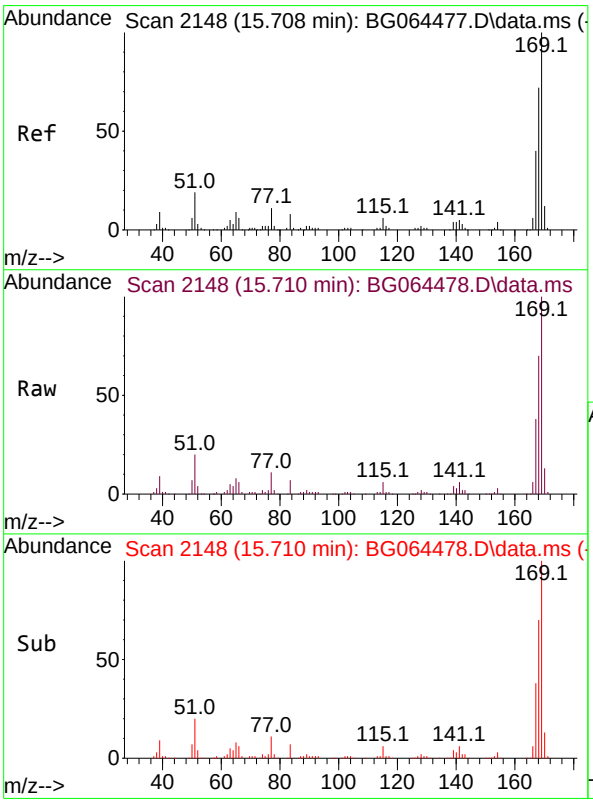
Ion	Ratio	Lower	Upper
198	100		
51	55.6	39.0	79.0
105	36.0	15.8	55.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

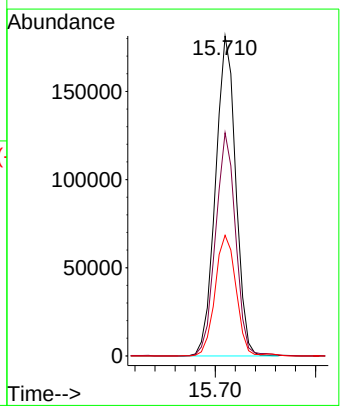
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

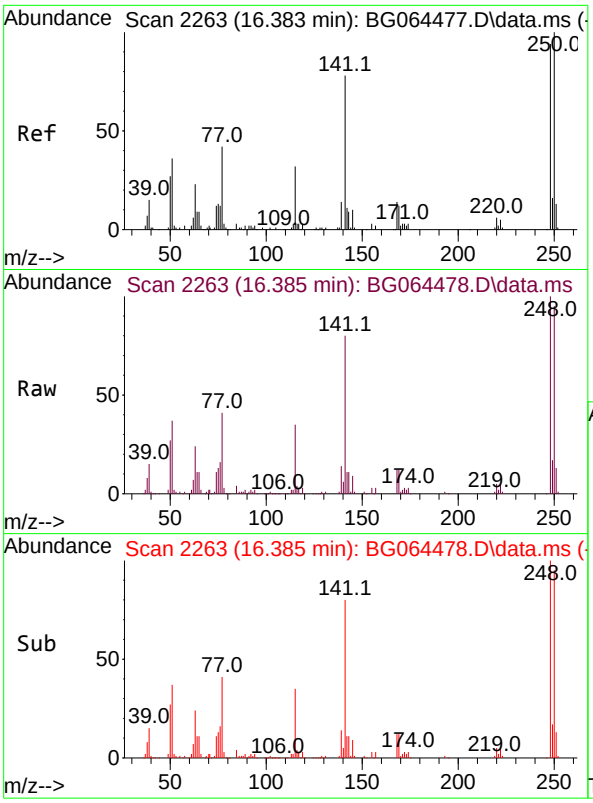


#66
n-Nitrosodiphenylamine
Concen: 47.518 ng
RT: 15.710 min Scan# 2148
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:169 Resp: 254244

Ion	Ratio	Lower	Upper
169	100		
168	69.7	57.8	86.6
167	37.7	31.7	47.5

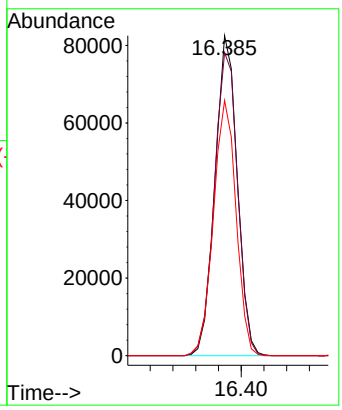




#67
4-Bromophenyl-phenylether
Concen: 47.653 ng
RT: 16.385 min Scan# 2
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:248 Resp: 11235

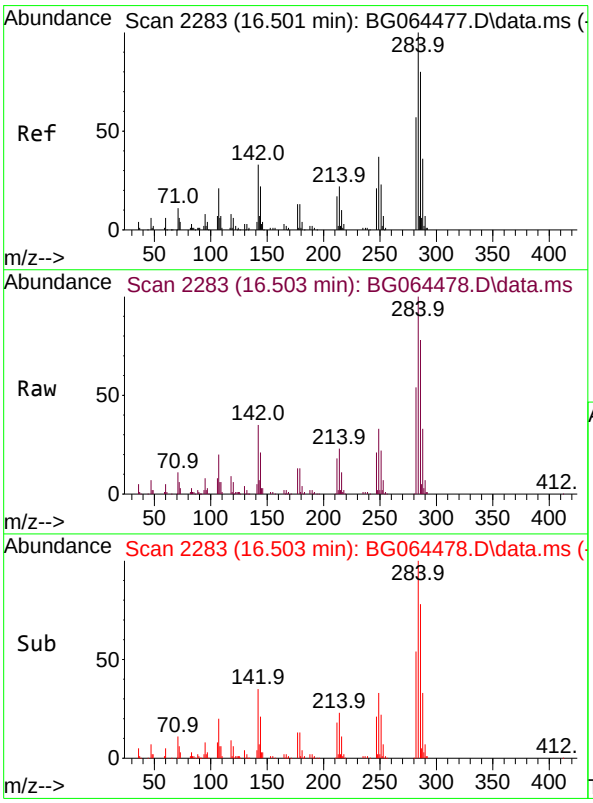
Ion	Ratio	Lower	Upper
248	100		
250	94.7	85.3	127.9
141	79.7	66.2	99.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

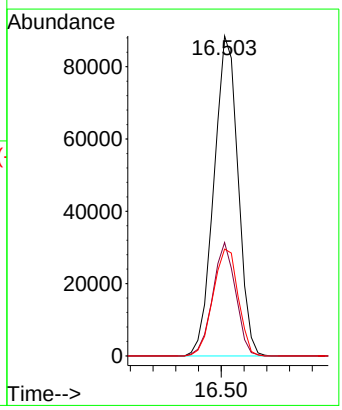
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

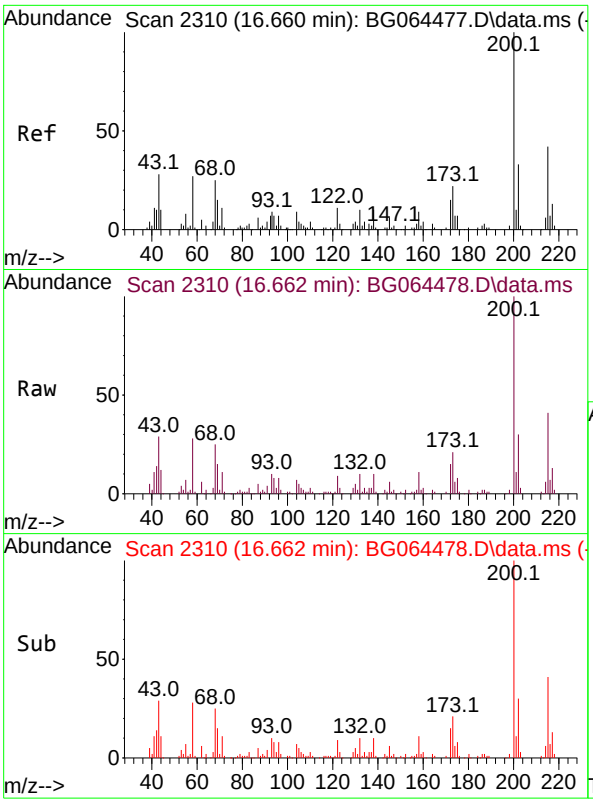


#68
Hexachlorobenzene
Concen: 48.208 ng
RT: 16.503 min Scan# 2283
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:284 Resp: 130063

Ion	Ratio	Lower	Upper
284	100		
142	35.4	26.2	39.2
249	33.4	29.4	44.0

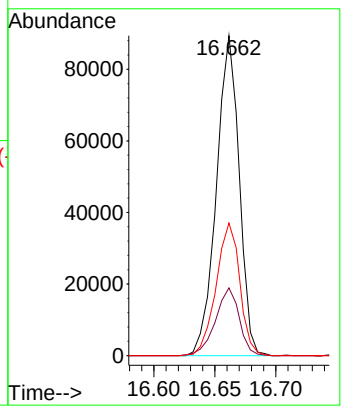




#69
Atrazine
Concen: 48.772 ng
RT: 16.662 min Scan# 2
Delta R.T. 0.010 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:200 Resp: 116098

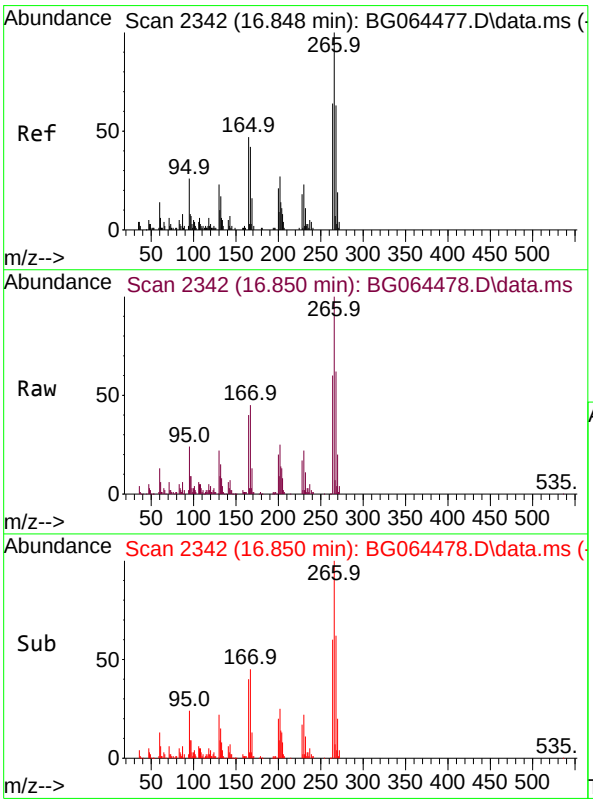
Ion	Ratio	Lower	Upper
200	100		
173	21.2	2.5	42.5
215	41.4	21.5	61.5



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

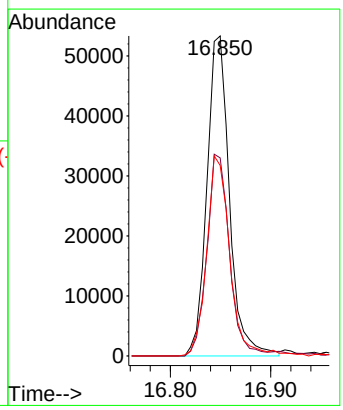
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

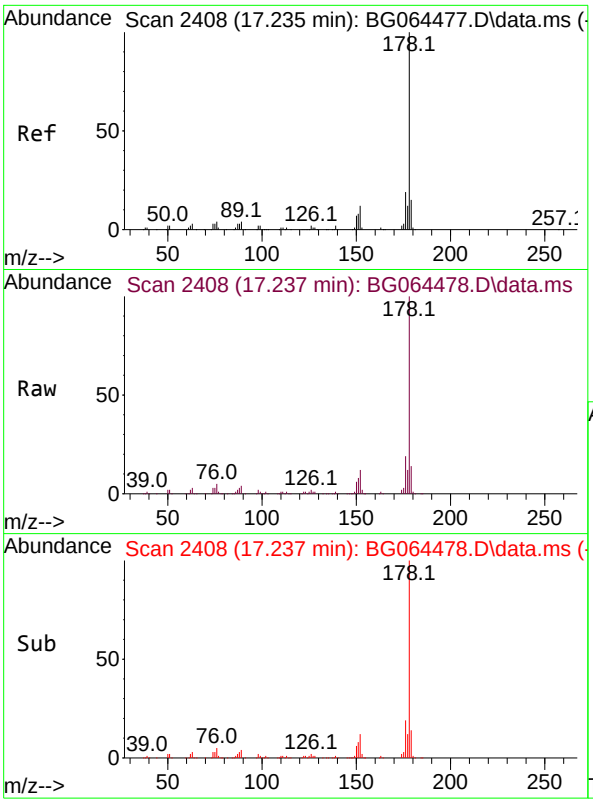


#70
Pentachlorophenol
Concen: 52.695 ng
RT: 16.850 min Scan# 2342
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:266 Resp: 83126

Ion	Ratio	Lower	Upper
266	100		
268	61.9	50.6	75.8
264	59.5	51.2	76.8

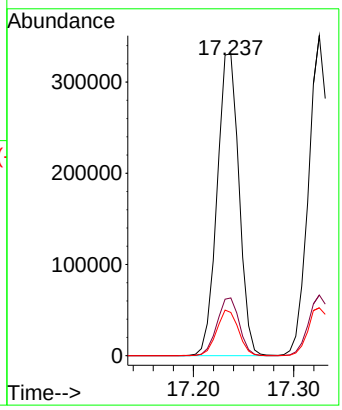




#71
Phenanthrene
Concen: 47.904 ng
RT: 17.237 min Scan# 24
Delta R.T. 0.010 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:178 Resp: 501941

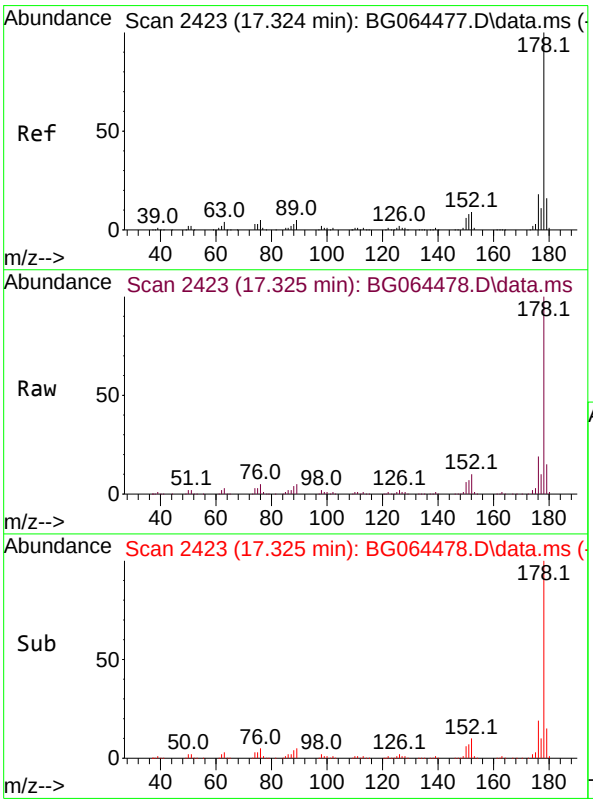
Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.2	22.8
179	14.3	11.8	17.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

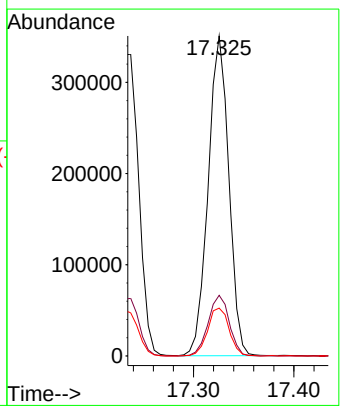
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

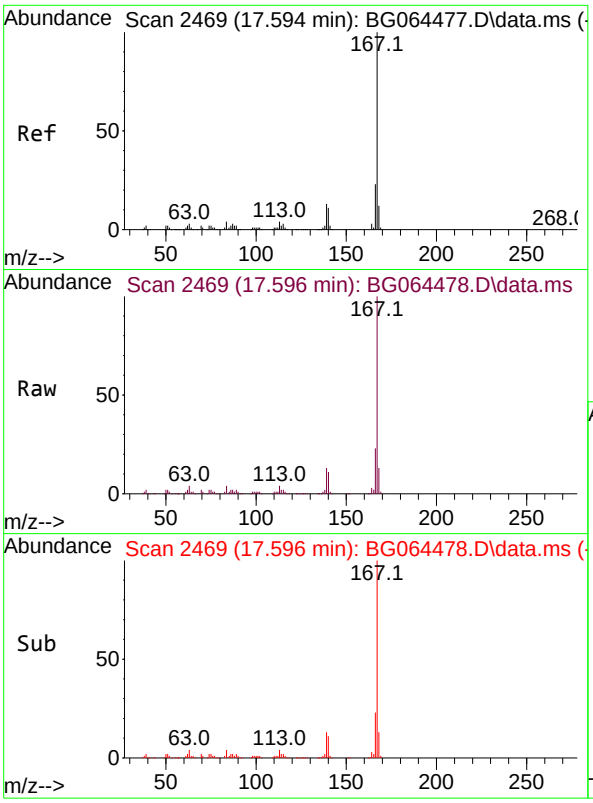


#72
Anthracene
Concen: 47.688 ng
RT: 17.325 min Scan# 2423
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:178 Resp: 501276

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.6	21.8
179	14.9	12.5	18.7

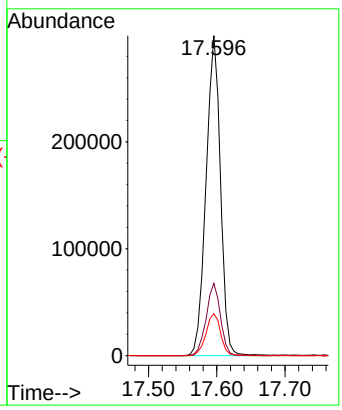




#73
Carbazole
Concen: 48.370 ng
RT: 17.596 min Scan# 24
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:167 Resp: 43949

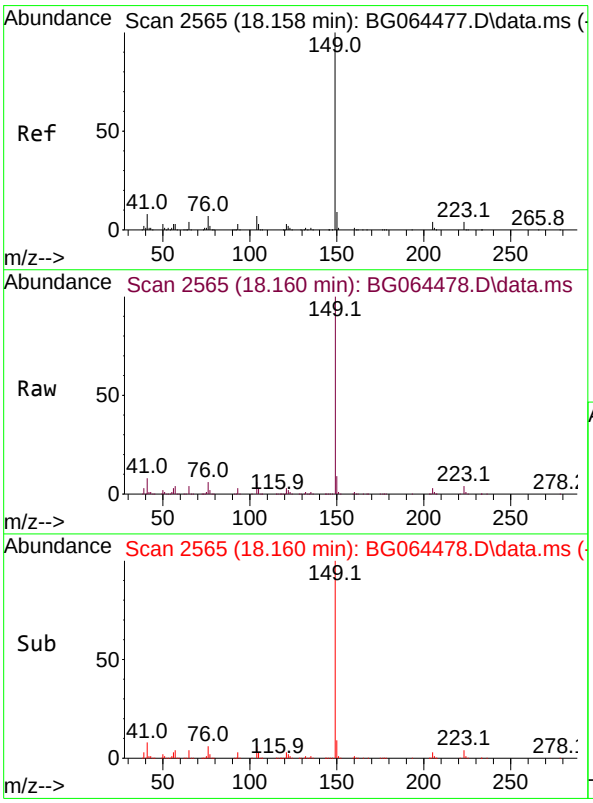
Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.6	27.8
139	13.1	10.2	15.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

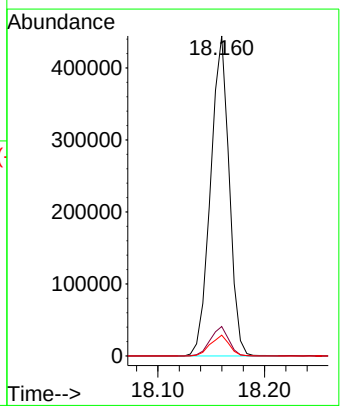
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

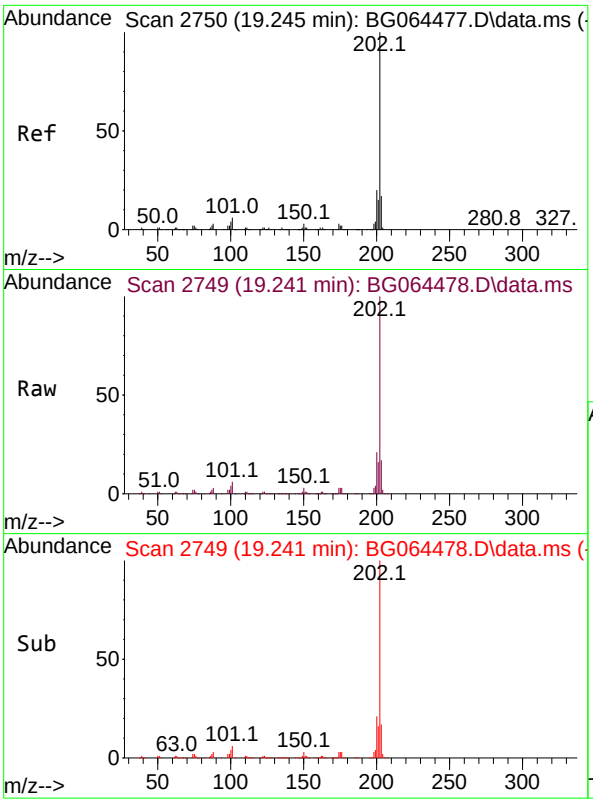


#74
Di-n-butylphthalate
Concen: 48.585 ng
RT: 18.160 min Scan# 2565
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:149 Resp: 538886

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	6.5	5.3	7.9

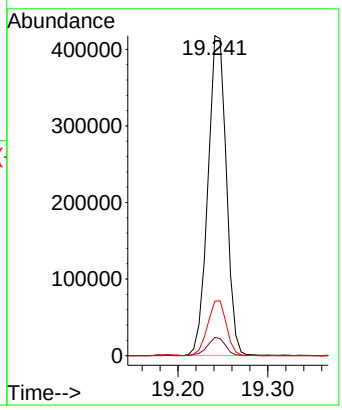




#75
Fluoranthene
Concen: 47.718 ng
RT: 19.241 min Scan# 2
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:202 Resp: 597309

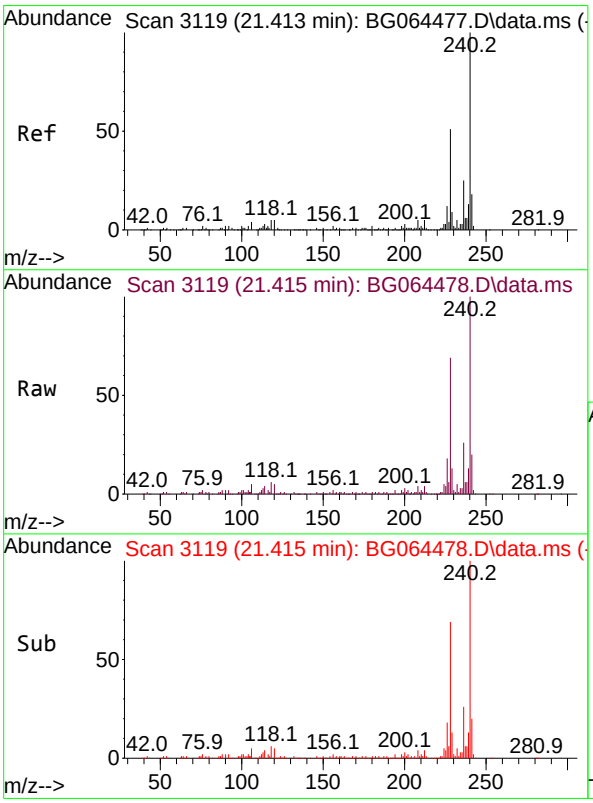
Ion	Ratio	Lower	Upper
202	100		
101	5.7	0.0	25.7
203	17.0	0.0	36.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

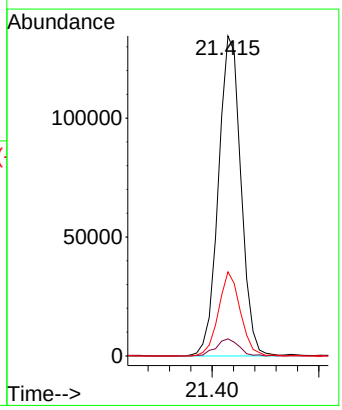
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

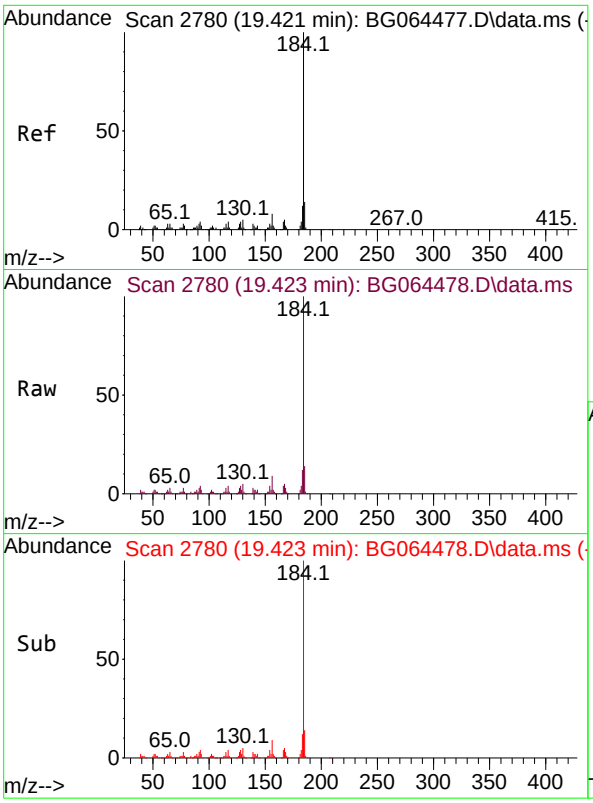


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 3119
Delta R.T. 0.005 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:240 Resp: 197724

Ion	Ratio	Lower	Upper
240	100		
120	5.3	4.3	6.5
236	26.3	20.4	30.6

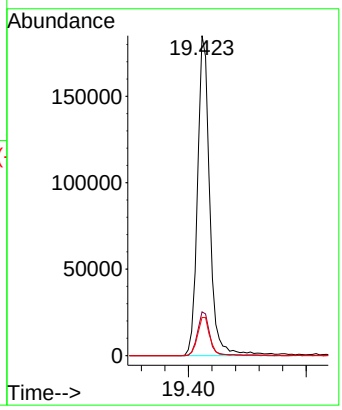




#77
Benzidine
Concen: 54.213 ng
RT: 19.423 min Scan# 2
Delta R.T. -0.002 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:184 Resp: 26673

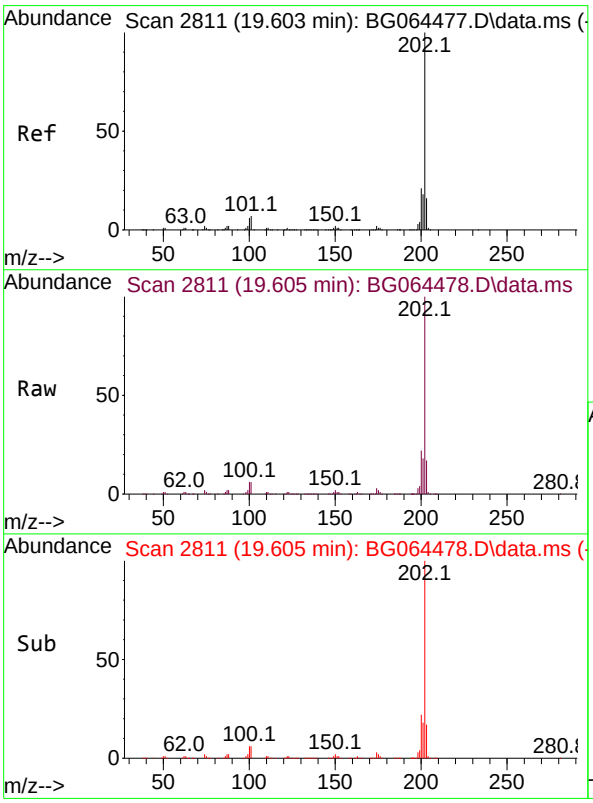
Ion	Ratio	Lower	Upper
184	100		
185	13.7	10.9	16.3
183	11.9	9.8	14.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

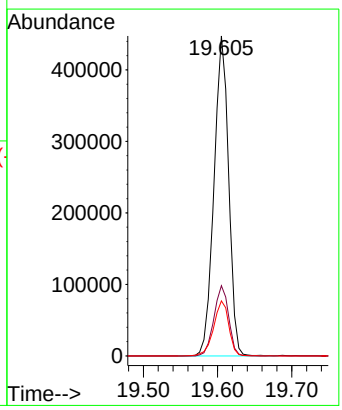
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

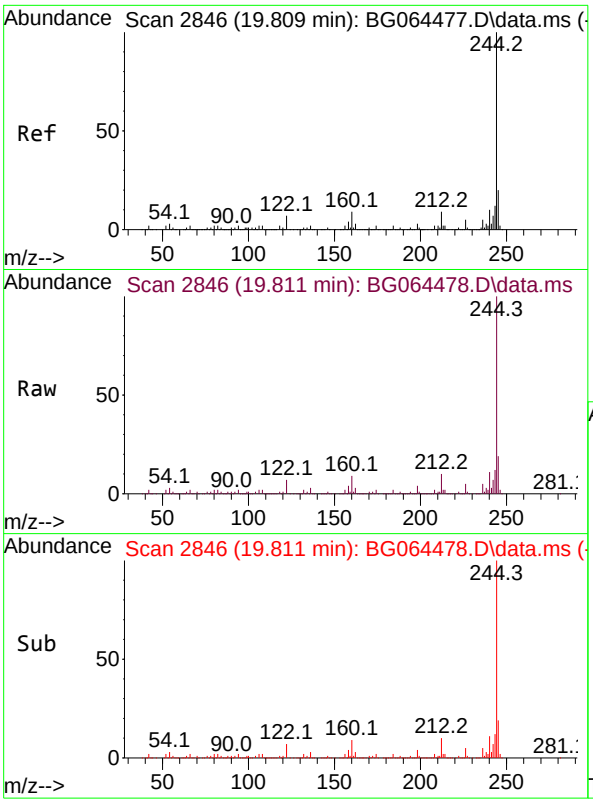


#78
Pyrene
Concen: 47.828 ng
RT: 19.605 min Scan# 2811
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:202 Resp: 613709

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.0	25.4
203	17.2	13.0	19.4

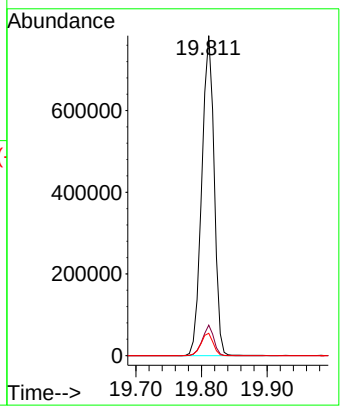




#79
Terphenyl-d14
Concen: 97.457 ng
RT: 19.811 min Scan# 2
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:244 Resp: 101821

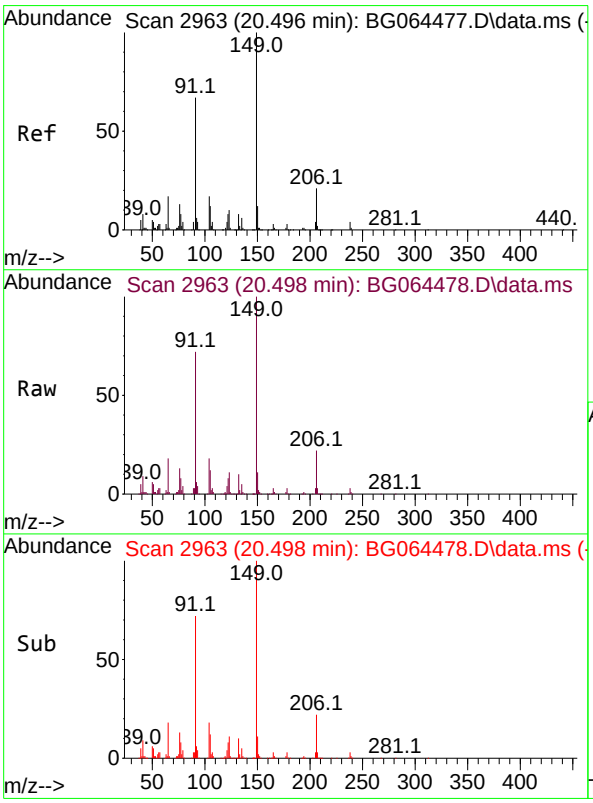
Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.0	10.6
122	7.0	5.6	8.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

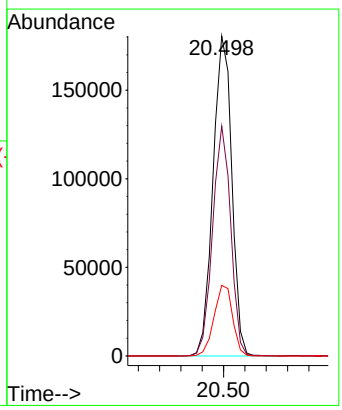
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

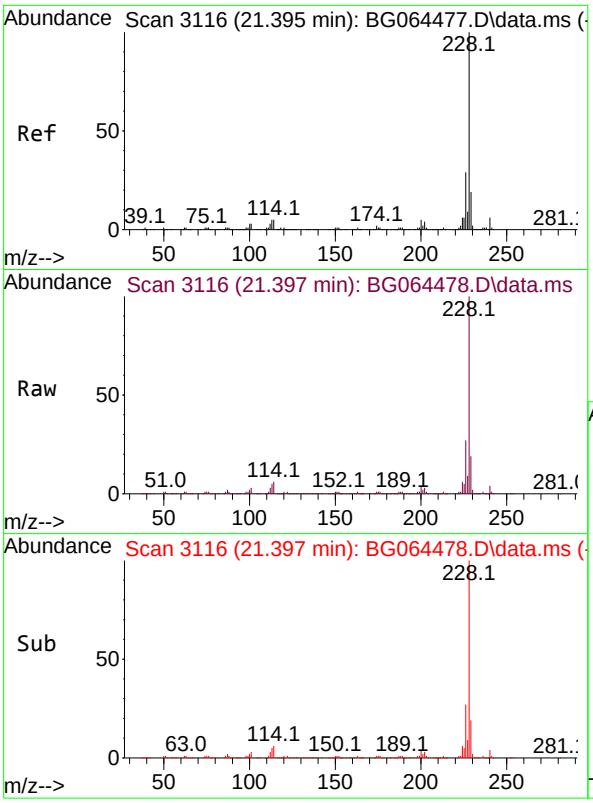


#80
Butylbenzylphthalate
Concen: 48.623 ng
RT: 20.498 min Scan# 2963
Delta R.T. -0.001 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:149 Resp: 221172

Ion	Ratio	Lower	Upper
149	100		
91	71.8	53.7	80.5
206	22.0	16.6	24.8

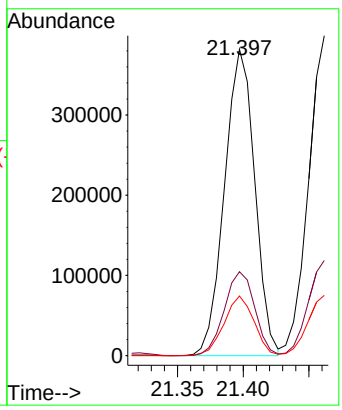




#81
Benzo(a)anthracene
Concen: 48.464 ng
RT: 21.397 min Scan# 3
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:228 Resp: 61185

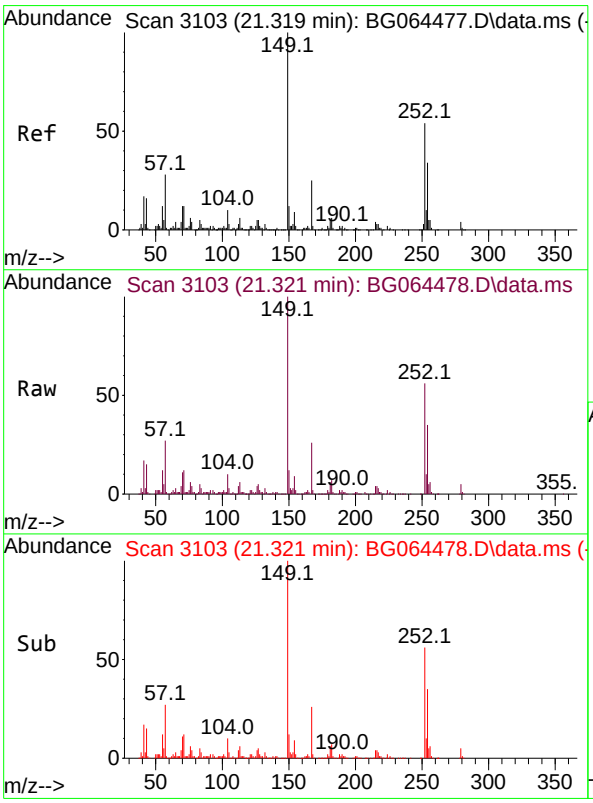
Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.8	34.2
229	19.5	15.2	22.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

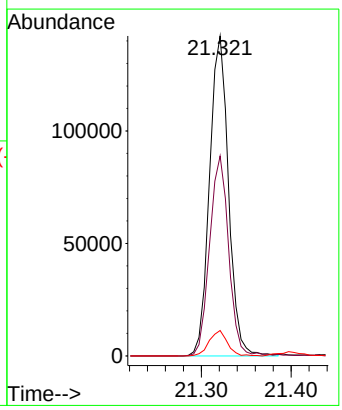
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

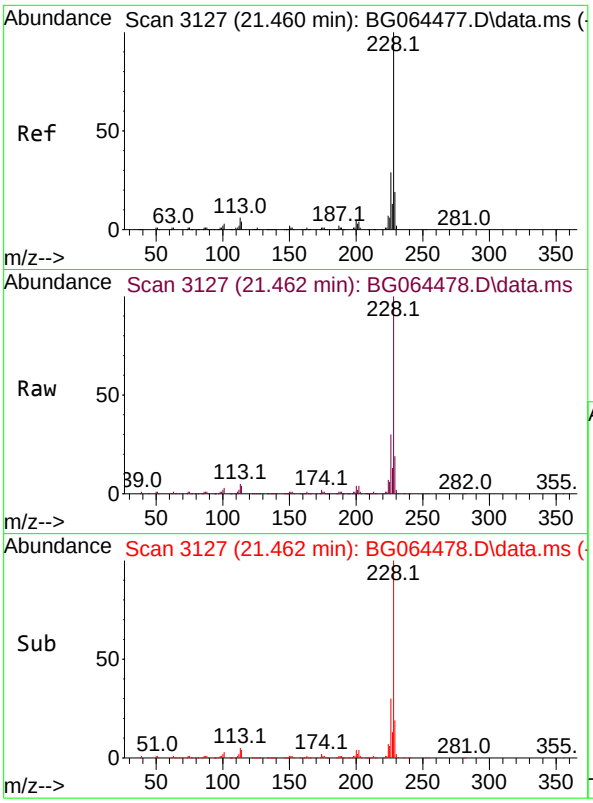


#82
3,3'-Dichlorobenzidine
Concen: 48.899 ng
RT: 21.321 min Scan# 3103
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:252 Resp: 208942

Ion	Ratio	Lower	Upper
252	100		
254	62.5	50.5	75.7
126	7.9	7.1	10.7

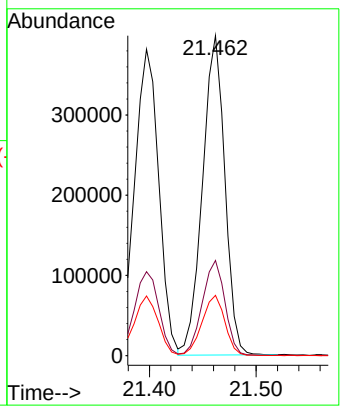




#83
Chrysene
Concen: 48.408 ng
RT: 21.462 min Scan# 3
Delta R.T. 0.010 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:228 Resp: 57958

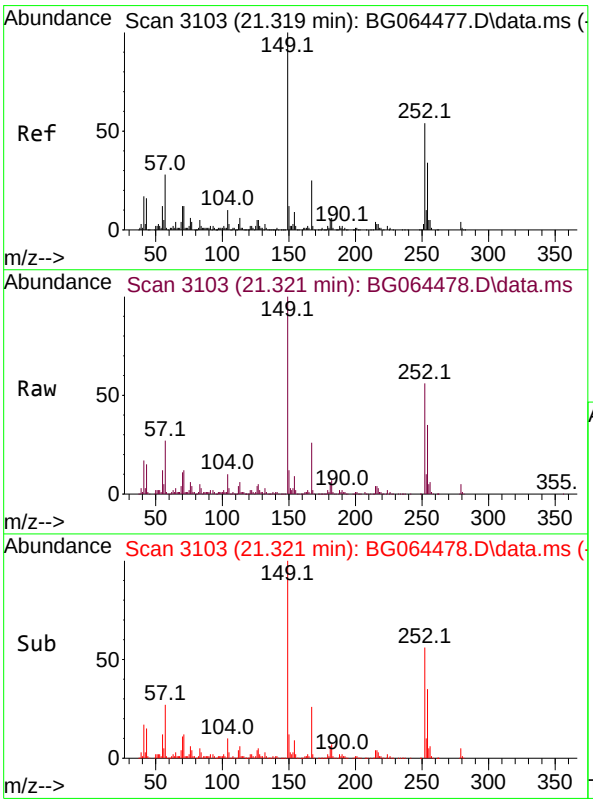
Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.8	34.2
229	18.8	15.4	23.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

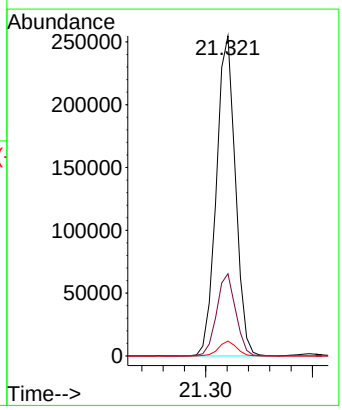
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

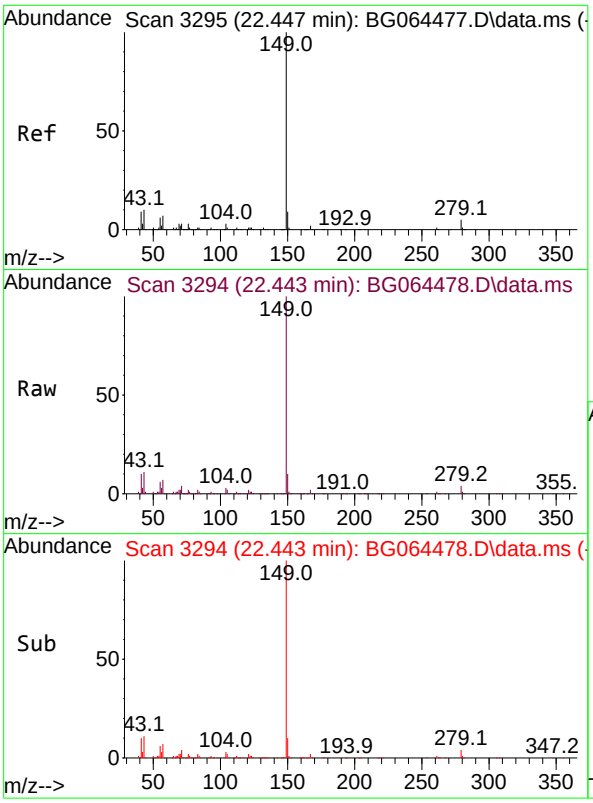


#84
Bis(2-ethylhexyl)phthalate
Concen: 49.393 ng
RT: 21.321 min Scan# 3103
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:149 Resp: 317005

Ion	Ratio	Lower	Upper
149	100		
167	25.7	19.7	29.5
279	4.6	3.4	5.2

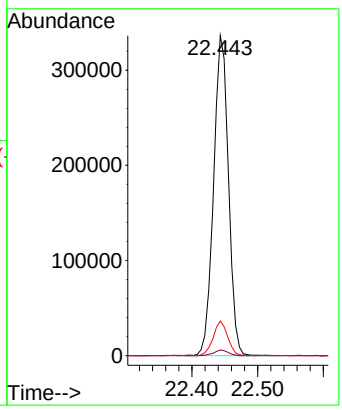




#85
Di-n-octyl phthalate
Concen: 49.179 ng
RT: 22.443 min Scan# 3
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:149 Resp: 530469

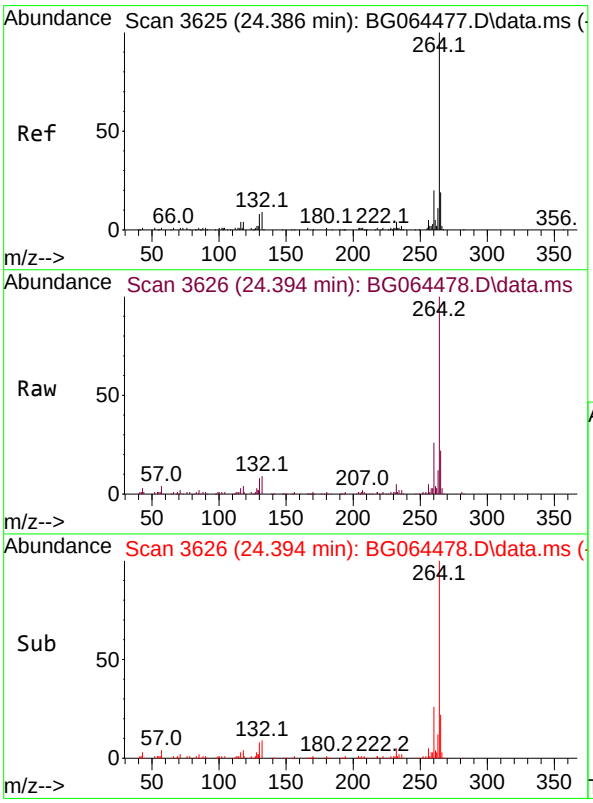
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.5	7.9	11.9



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

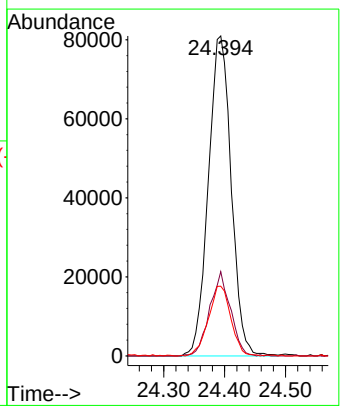
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

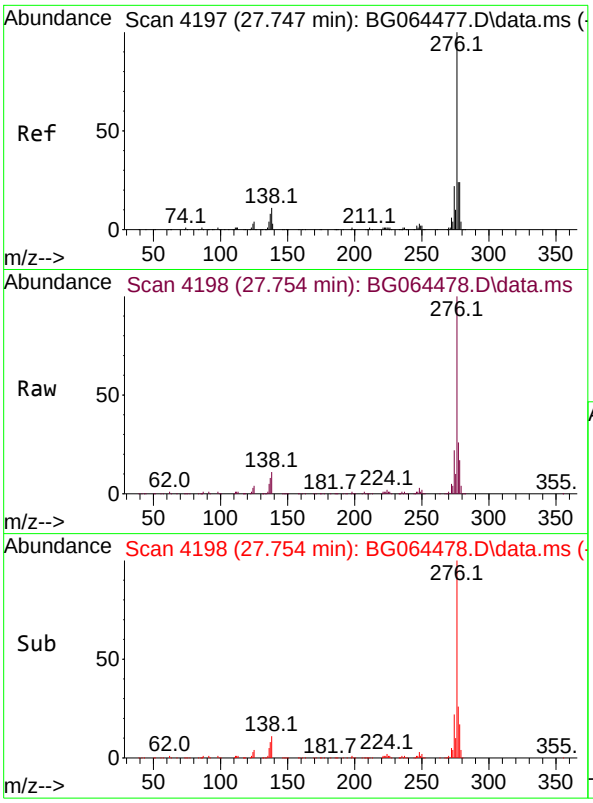


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.394 min Scan# 3626
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:264 Resp: 211036

Ion	Ratio	Lower	Upper
264	100		
260	26.3	16.2	24.4#
265	21.8	15.0	22.4

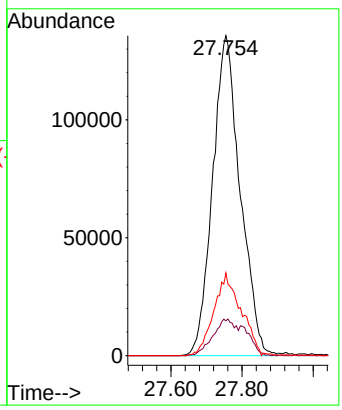




#87
Indeno(1,2,3-cd)pyrene
Concen: 49.822 ng
RT: 27.754 min Scan# 41
Delta R.T. 0.022 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:276 Resp: 731851

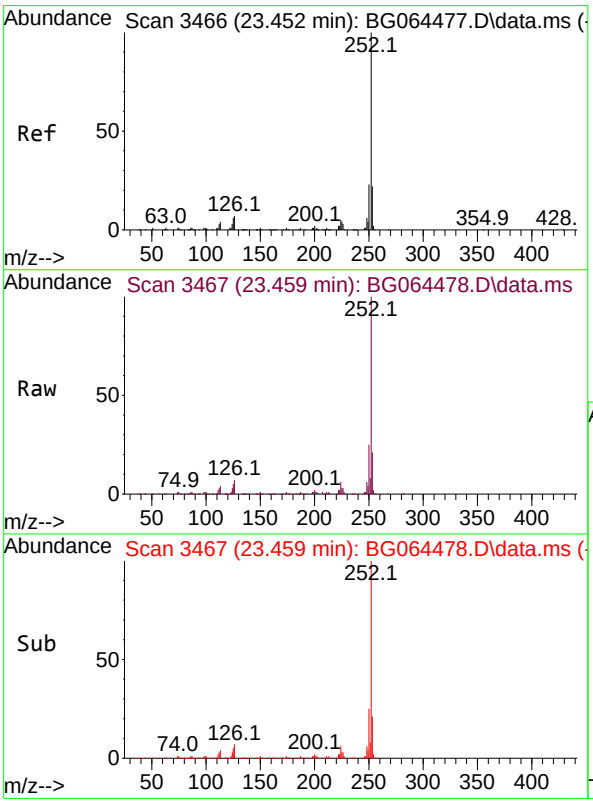
Ion	Ratio	Lower	Upper
276	100		
138	9.5	10.8	16.2#
277	25.3	20.3	30.5



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

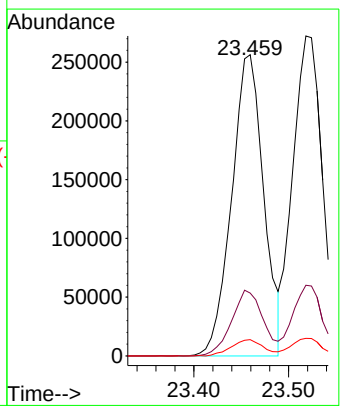
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

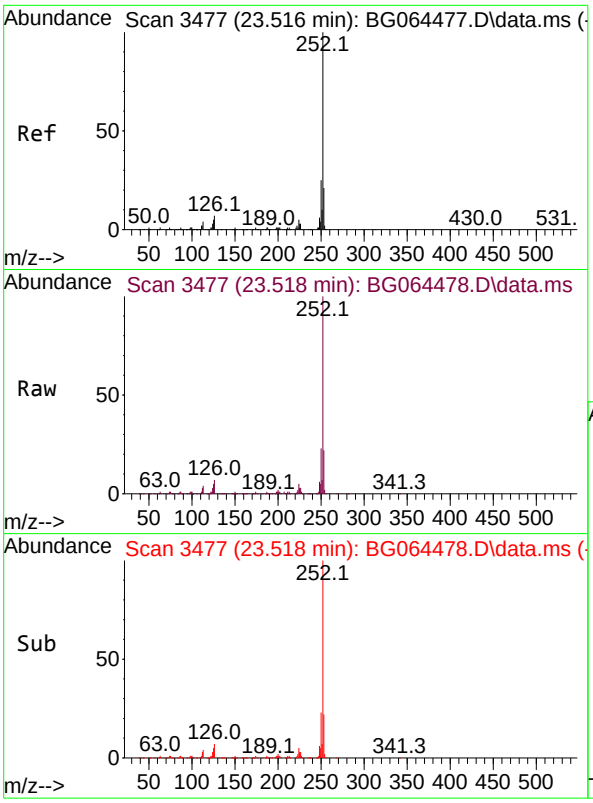


#88
Benzo(b)fluoranthene
Concen: 50.163 ng
RT: 23.459 min Scan# 3467
Delta R.T. 0.010 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:252 Resp: 602249

Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.5	26.3
125	5.4	4.5	6.7

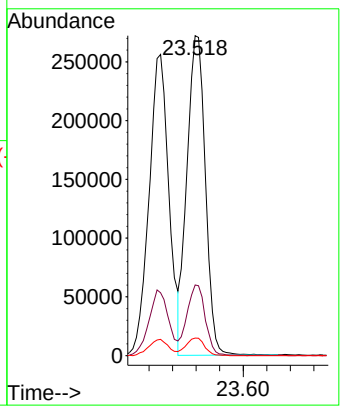




#89
Benzo(k)fluoranthene
Concen: 49.006 ng
RT: 23.518 min Scan# 34
Delta R.T. 0.010 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:252 Resp: 59257

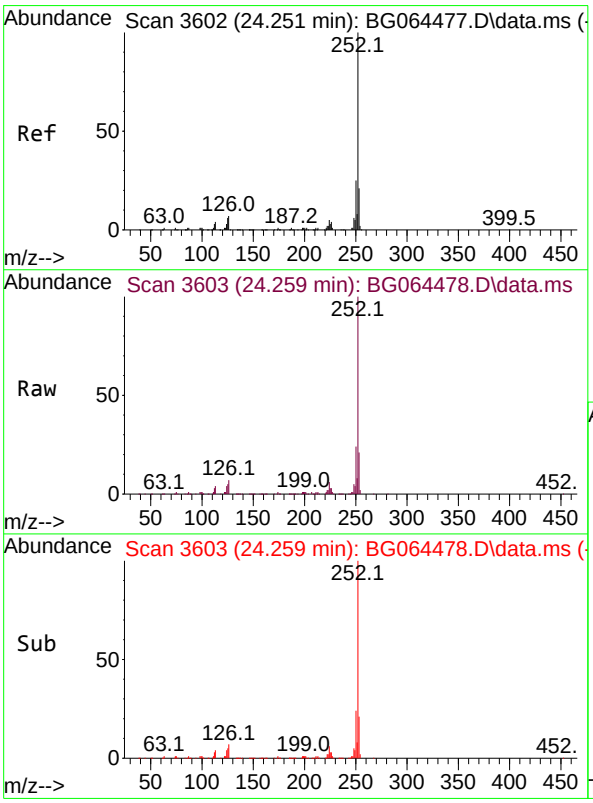
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	5.5	4.0	6.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

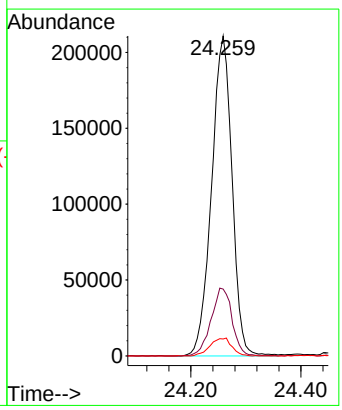
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

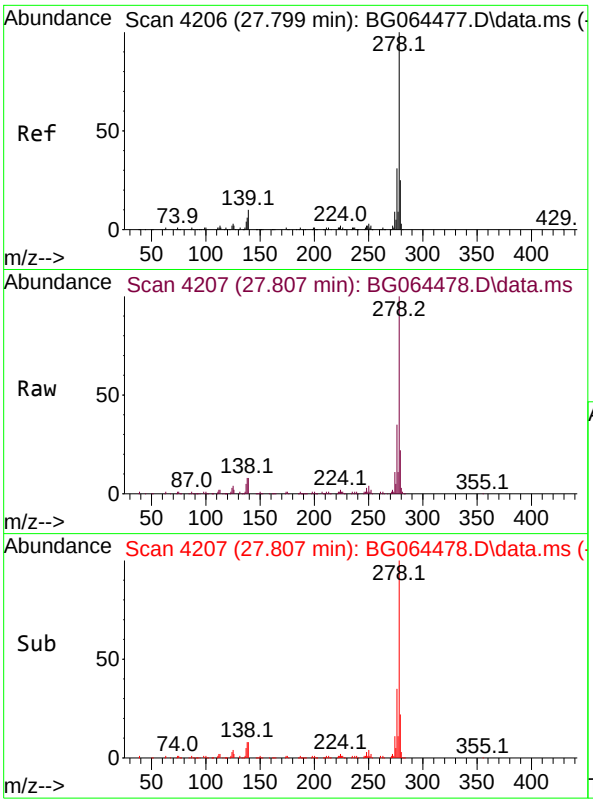


#90
Benzo(a)pyrene
Concen: 49.152 ng
RT: 24.259 min Scan# 3603
Delta R.T. 0.010 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:252 Resp: 543872

Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.1	25.7
125	5.3	4.6	6.8

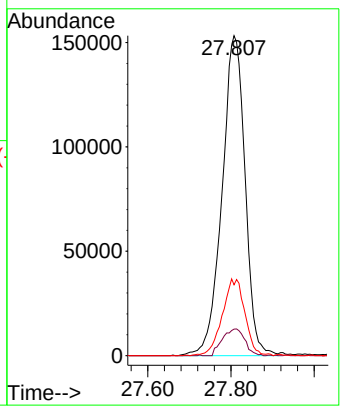




#91
Dibenzo(a,h)anthracene
Concen: 50.092 ng
RT: 27.807 min Scan# 4
Delta R.T. 0.028 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:278 Resp: 58844

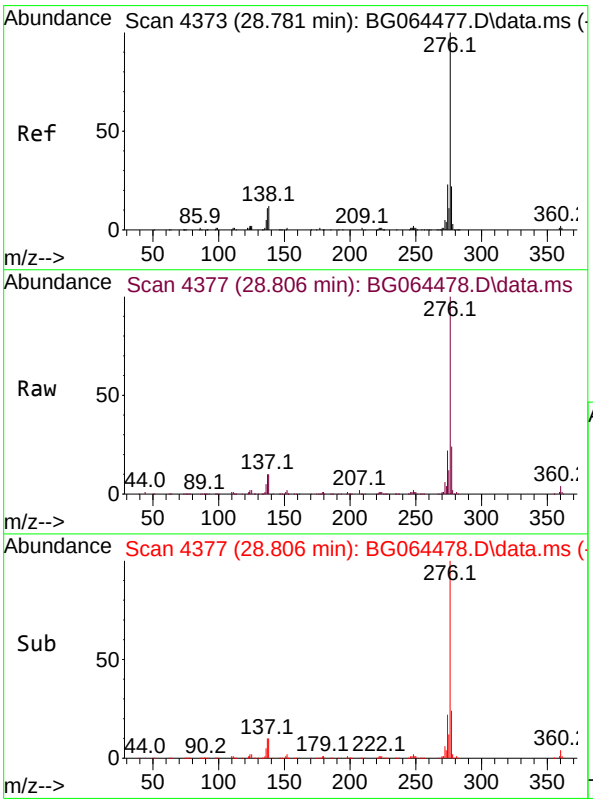
Ion	Ratio	Lower	Upper
278	100		
139	8.3	8.2	12.2
279	22.1	19.6	29.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

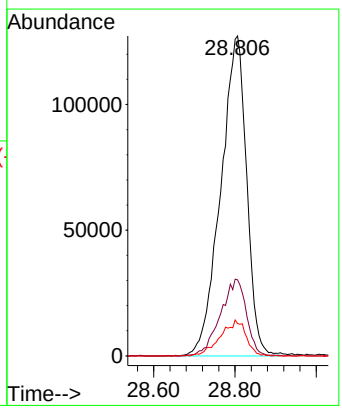
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#92
Benzo(g,h,i)perylene
Concen: 49.412 ng
RT: 28.806 min Scan# 4377
Delta R.T. 0.040 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:276 Resp: 564079

Ion	Ratio	Lower	Upper
276	100		
277	23.8	17.8	26.6
138	10.1	9.4	14.0



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
Data File : BG064479.D
Acq On : 2 Oct 2025 13:35
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Oct 02 16:53:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.823	152	18157	20.000	ng		# 0.00
21) Naphthalene-d8	10.614	136	79713	20.000	ng		0.00
39) Acenaphthene-d10	14.451	164	59222	20.000	ng		0.00
64) Phenanthrene-d10	17.189	188	143075	20.000	ng		0.00
76) Chrysene-d12	21.419	240	144920	20.000	ng		0.00
86) Perylene-d12	24.386	264	155027	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.414	112	120711	123.037	ng		0.00
7) Phenol-d6	7.001	99	163006	123.636	ng		0.01
23) Nitrobenzene-d5	8.981	82	182017	122.779	ng		0.01
42) 2,4,6-Tribromophenol	15.943	330	128452	119.659	ng		0.00
45) 2-Fluorobiphenyl	13.076	172	493573	122.847	ng		0.00
79) Terphenyl-d14	19.809	244	908174	118.598	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	21034	54.202	ng		99
3) Pyridine	3.716	79	59671	57.214	ng		90
4) n-Nitrosodimethylamine	3.634	42	45910	60.722	ng		96
6) Aniline	7.153	93	99315	59.718	ng		95
8) 2-Chlorophenol	7.394	128	72763	60.397	ng		95
9) Benzaldehyde	6.965	77	84348	72.070	ng		96
10) Phenol	7.024	94	86206	61.981	ng		96
11) bis(2-Chloroethyl)ether	7.253	93	57983	61.560	ng		92
12) 1,3-Dichlorobenzene	7.712	146	77246	58.613	ng		97
13) 1,4-Dichlorobenzene	7.858	146	77379	58.502	ng		99
14) 1,2-Dichlorobenzene	8.176	146	76212	58.463	ng		90
15) Benzyl Alcohol	8.064	79	76230	62.783	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.346	45	93010	61.262	ng		95
17) 2-Methylphenol	8.270	107	62263	61.823	ng		98
18) Hexachloroethane	8.904	117	30824	59.041	ng		90
19) n-Nitroso-di-n-propyla...	8.634	70	57095	64.752	ng		98
20) 3+4-Methylphenols	8.599	107	88330	62.850	ng		94
22) Acetophenone	8.646	105	118355	61.322	ng		96
24) Nitrobenzene	9.022	77	90145	60.977	ng		99
25) Isophorone	9.545	82	163941	61.043	ng	#	96
26) 2-Nitrophenol	9.727	139	44985	61.140	ng		98
27) 2,4-Dimethylphenol	9.791	122	71145	63.308	ng		97
28) bis(2-Chloroethoxy)met...	10.027	93	84101	61.433	ng		98
29) 2,4-Dichlorophenol	10.262	162	80390	61.860	ng		95
30) 1,2,4-Trichlorobenzene	10.479	180	83491	58.922	ng		94
31) Naphthalene	10.661	128	248965	60.652	ng		99
32) Benzoic acid	9.974	122	57724m	66.902	ng		
33) 4-Chloroaniline	10.767	127	97069	61.625	ng		98
34) Hexachlorobutadiene	10.949	225	71767	59.141	ng		98
35) Caprolactam	11.554	113	26379	59.294	ng		92
36) 4-Chloro-3-methylphenol	11.901	107	96815	61.261	ng		98
37) 2-Methylnaphthalene	12.271	142	190996	60.616	ng		99
38) 1-Methylnaphthalene	12.494	142	187504	59.679	ng		99
40) 1,2,4,5-Tetrachloroben...	12.641	216	120531	63.034	ng		99
41) Hexachlorocyclopentadiene	12.623	237	67135	67.119	ng		92
43) 2,4,6-Trichlorophenol	12.888	196	77492	63.395	ng		94

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
Data File : BG064479.D
Acq On : 2 Oct 2025 13:35
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 02 16:53:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.958	196	84004	61.556	ng		95
46) 1,1'-Biphenyl	13.287	154	263596	61.885	ng		98
47) 2-Chloronaphthalene	13.329	162	196507	61.791	ng		99
48) 2-Nitroaniline	13.528	65	68465	63.078	ng		96
49) Acenaphthylene	14.175	152	291016	61.645	ng		97
50) Dimethylphthalate	13.910	163	281798	60.755	ng		98
51) 2,6-Dinitrotoluene	14.028	165	61222	63.363	ng		95
52) Acenaphthene	14.515	154	202179	61.643	ng		97
53) 3-Nitroaniline	14.363	138	53857	60.440	ng		94
54) 2,4-Dinitrophenol	14.562	184	40673	58.053	ng	#	84
55) Dibenzofuran	14.850	168	332668	61.429	ng		98
56) 4-Nitrophenol	14.674	139	44975	64.107	ng		89
57) 2,4-Dinitrotoluene	14.821	165	89912	60.873	ng		99
58) Fluorene	15.502	166	272106	60.439	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.079	232	87720	62.984	ng		98
60) Diethylphthalate	15.279	149	295396	59.367	ng		96
61) 4-Chlorophenyl-phenyle...	15.497	204	145541	59.213	ng		97
62) 4-Nitroaniline	15.526	138	60477	65.117	ng		88
63) Azobenzene	15.784	77	229063	59.443	ng		98
65) 4,6-Dinitro-2-methylph...	15.585	198	62295	62.533	ng		94
66) n-Nitrosodiphenylamine	15.708	169	232383	60.822	ng		96
67) 4-Bromophenyl-phenylether	16.384	248	101659	60.380	ng		97
68) Hexachlorobenzene	16.501	284	120060	62.318	ng		96
69) Atrazine	16.660	200	102498	60.299	ng		98
70) Pentachlorophenol	16.848	266	72916	64.730	ng		99
71) Phenanthrene	17.236	178	450582	60.221	ng		98
72) Anthracene	17.324	178	458626	61.100	ng		99
73) Carbazole	17.594	167	395523	60.961	ng		97
74) Di-n-butylphthalate	18.158	149	485256	61.267	ng		100
75) Fluoranthene	19.245	202	537693	60.154	ng		99
77) Benzidine	19.427	184	270028	74.880	ng		100
78) Pyrene	19.604	202	556837	59.207	ng		98
80) Butylbenzylphthalate	20.497	149	208125	62.426	ng		98
81) Benzo(a)anthracene	21.396	228	561451	60.676	ng		99
82) 3,3'-Dichlorobenzidine	21.319	252	192733	61.540	ng		97
83) Chrysene	21.460	228	525893	59.928	ng		97
84) Bis(2-ethylhexyl)phtha...	21.319	149	291329	61.932	ng		95
85) Di-n-octyl phthalate	22.447	149	489220	61.881	ng		99
87) Indeno(1,2,3-cd)pyrene	27.747	276	665573	61.679	ng	#	95
88) Benzo(b)fluoranthene	23.452	252	543592	61.635	ng		99
89) Benzo(k)fluoranthene	23.517	252	537854	60.551	ng		100
90) Benzo(a)pyrene	24.257	252	500159	61.533	ng		98
91) Dibenzo(a,h)anthracene	27.806	278	535408	62.043	ng		97
92) Benzo(g,h,i)perylene	28.799	276	513293	61.207	ng		98

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

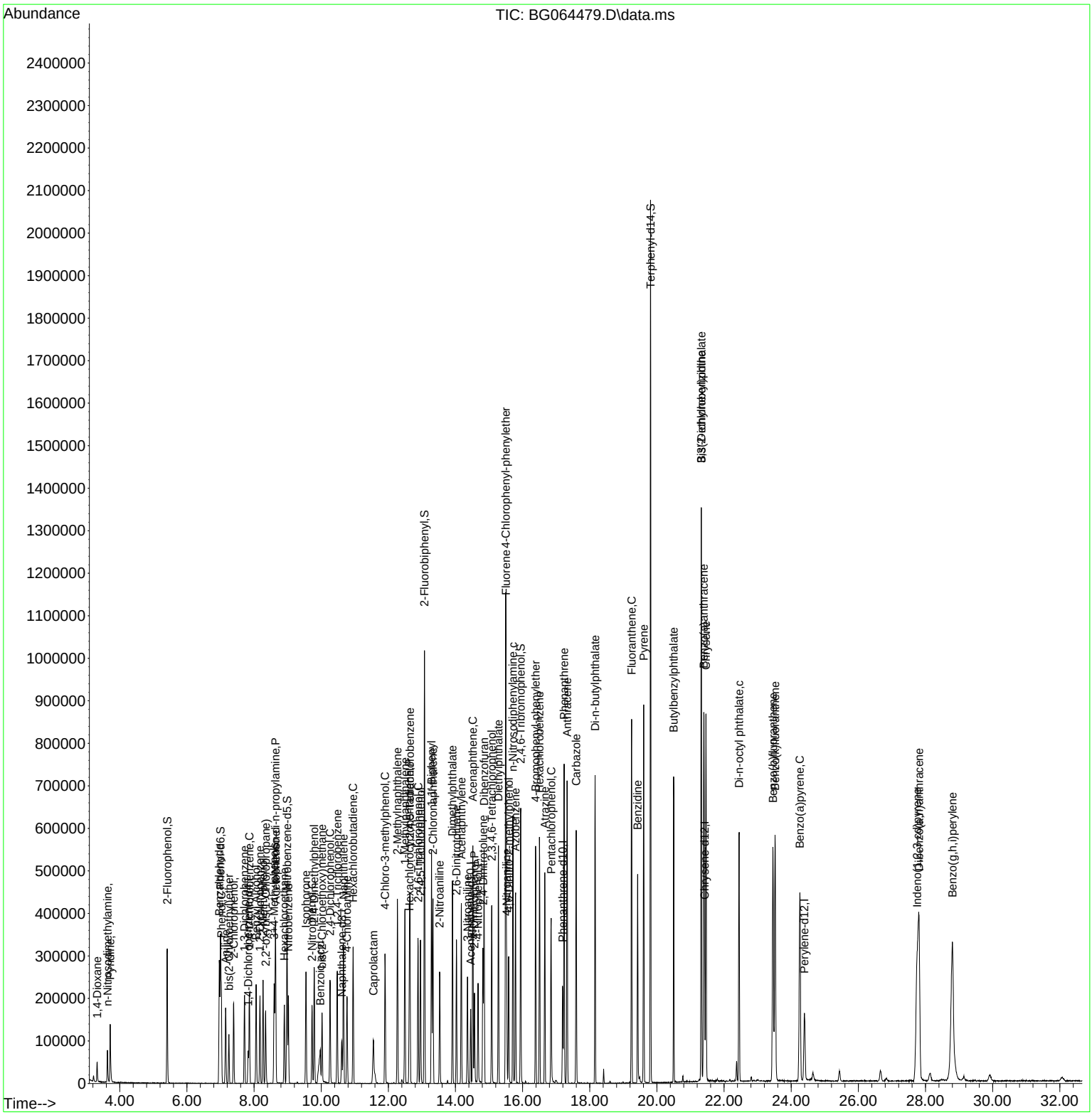
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Data File : BG064479.D
Acq On : 2 Oct 2025 13:35
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

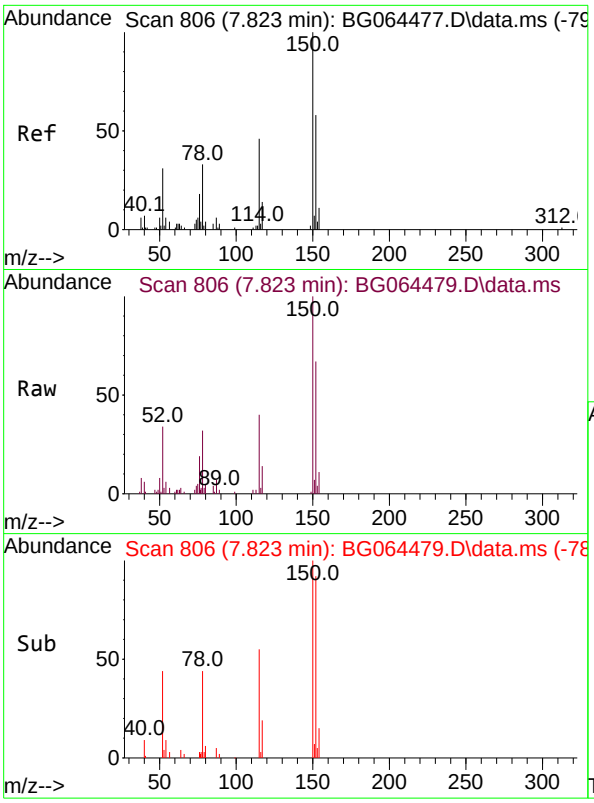
Quant Time: Oct 02 16:53:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/03/2025
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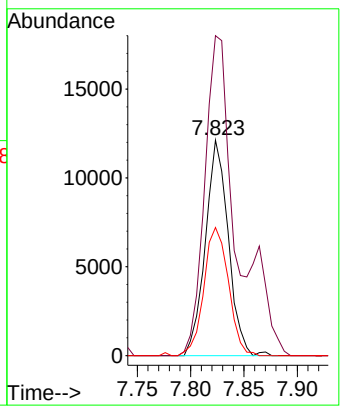




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.823 min Scan# 80
Delta R.T. 0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:152 Resp: 1815

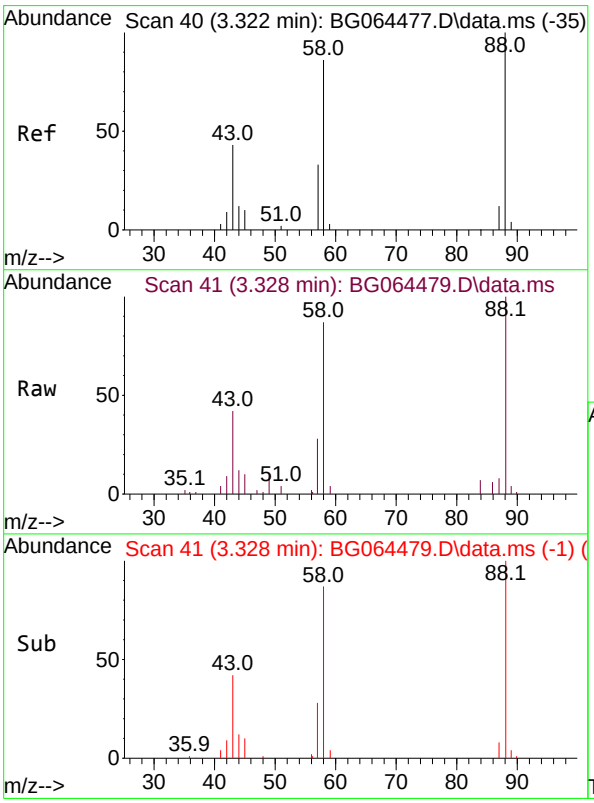
Ion	Ratio	Lower	Upper
152	100		
150	148.6	138.6	207.8
115	59.5	63.4	95.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

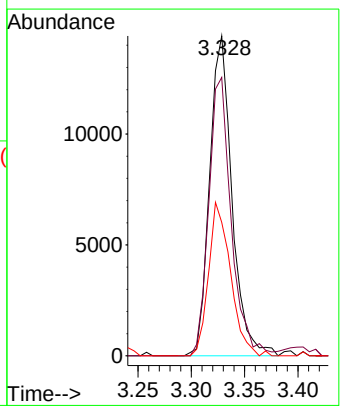
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

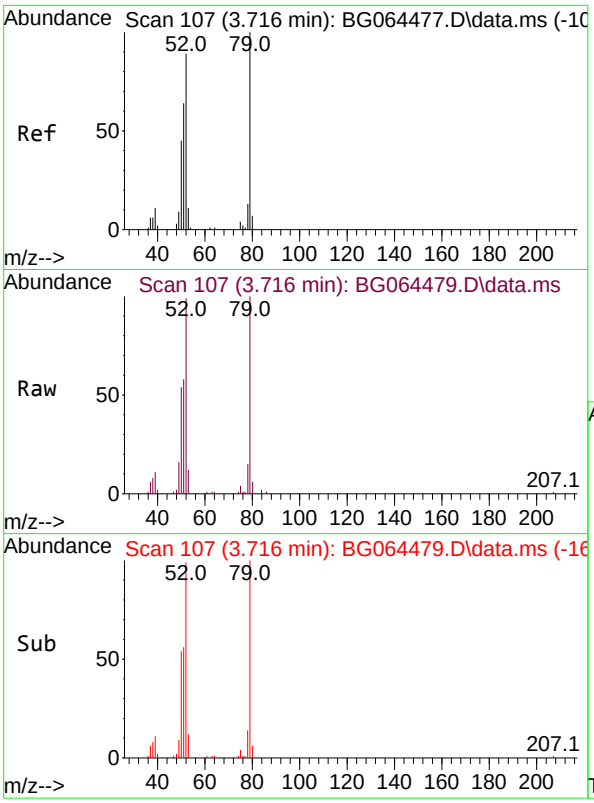


#2
1,4-Dioxane
Concen: 54.202 ng
RT: 3.328 min Scan# 41
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion: 88 Resp: 21034

Ion	Ratio	Lower	Upper
88	100		
58	87.6	69.8	104.6
43	47.3	37.4	56.0

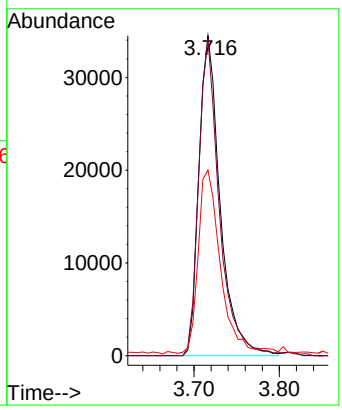




#3
Pyridine
Concen: 57.214 ng
RT: 3.716 min Scan# 10
Delta R.T. 0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion: 79 Resp: 5967

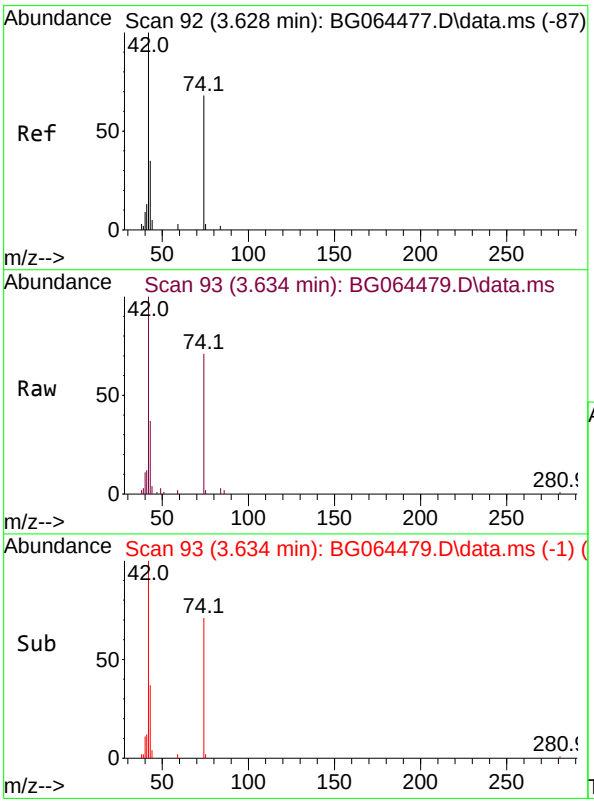
Ion	Ratio	Lower	Upper
79	100		
52	99.0	71.0	106.4
51	58.0	51.0	76.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

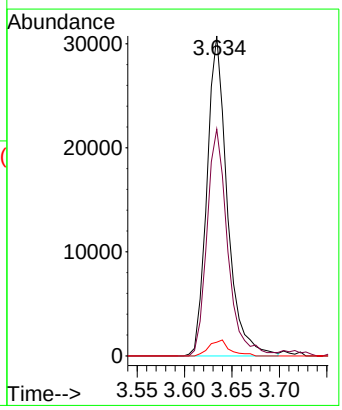
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

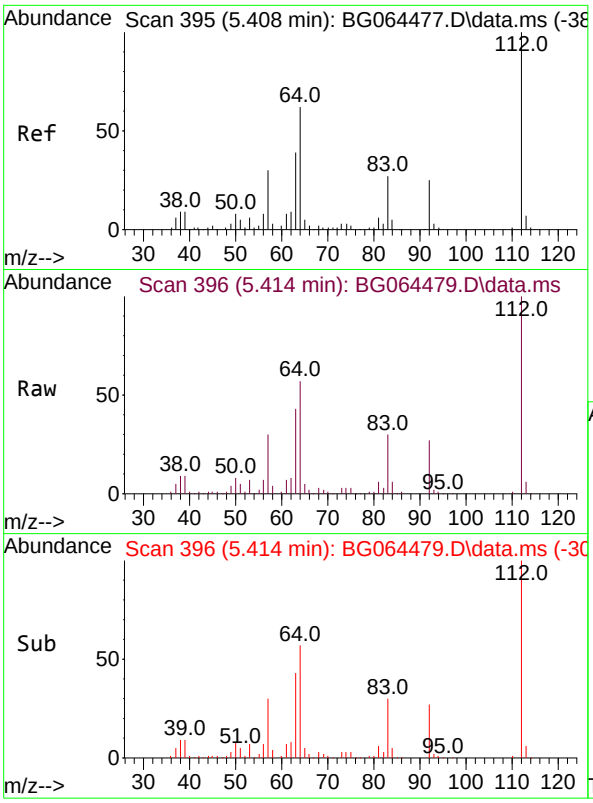


#4
n-Nitrosodimethylamine
Concen: 60.722 ng
RT: 3.634 min Scan# 93
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion: 42 Resp: 45910

Ion	Ratio	Lower	Upper
42	100		
74	70.9	54.2	81.4
44	4.3	4.2	6.2

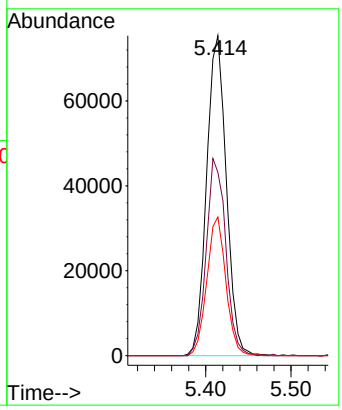




#5
2-Fluorophenol
Concen: 123.037 ng
RT: 5.414 min Scan# 3
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:112 Resp: 12071

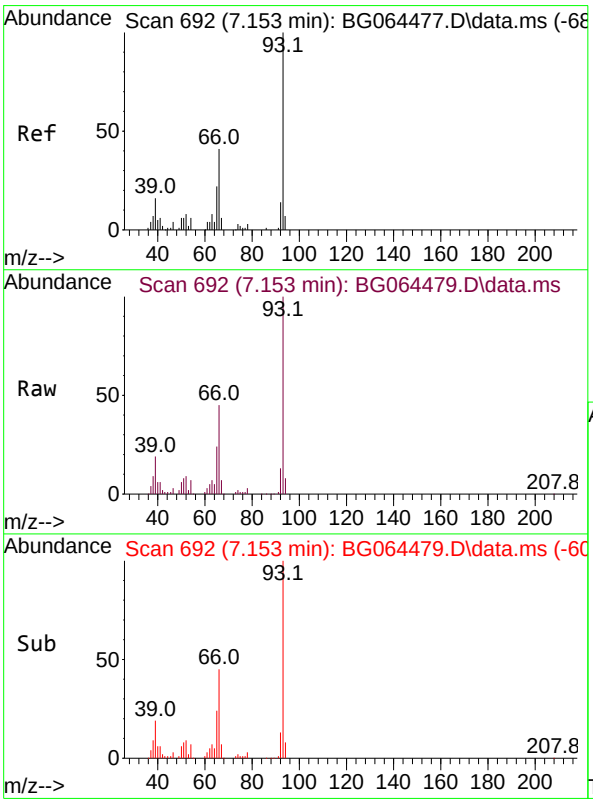
Ion	Ratio	Lower	Upper
112	100		
64	57.3	49.8	74.8
63	43.4	31.3	46.9



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

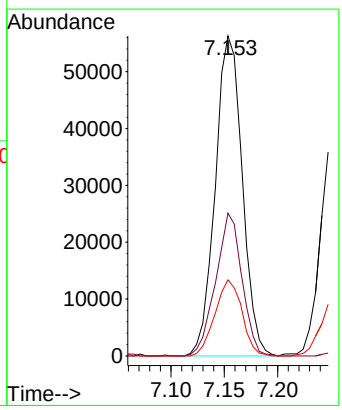
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

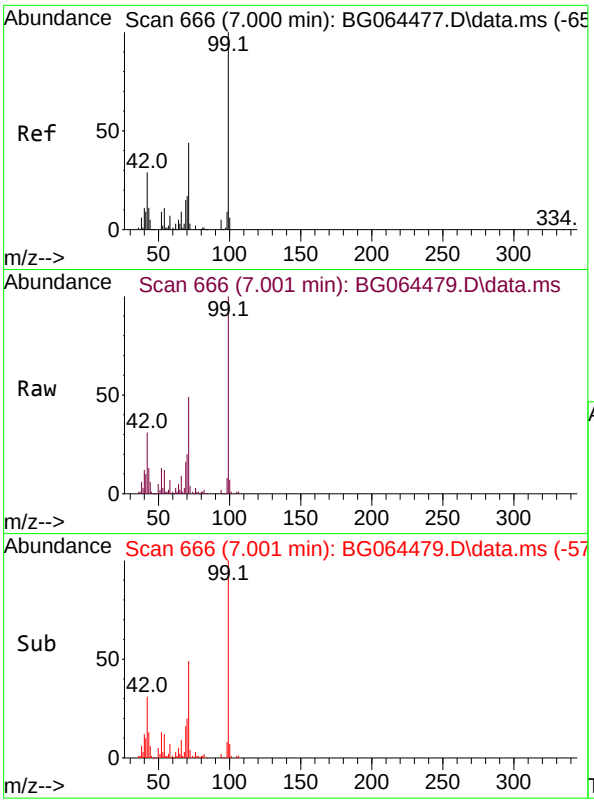


#6
Aniline
Concen: 59.718 ng
RT: 7.153 min Scan# 692
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion: 93 Resp: 99315

Ion	Ratio	Lower	Upper
93	100		
66	44.6	33.0	49.4
65	23.8	17.5	26.3

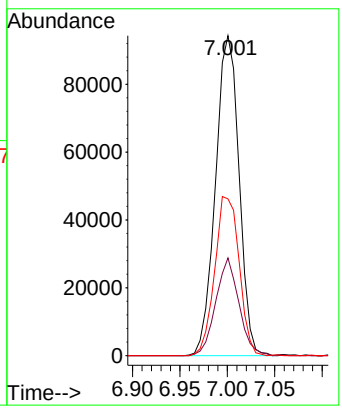




#7
Phenol-d6
Concen: 123.636 ng
RT: 7.001 min Scan# 6
Delta R.T. 0.014 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion: 99 Resp: 16300

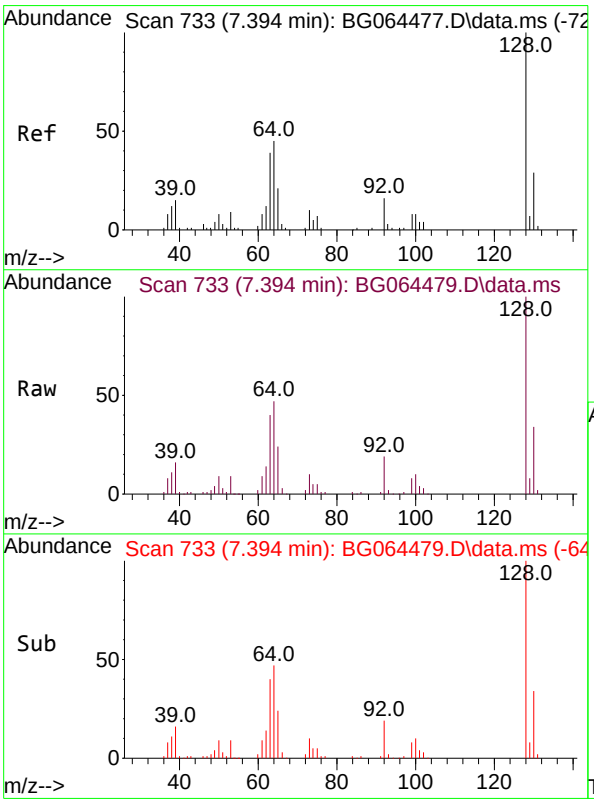
Ion	Ratio	Lower	Upper
99	100		
42	30.5	22.9	34.3
71	49.0	35.4	53.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

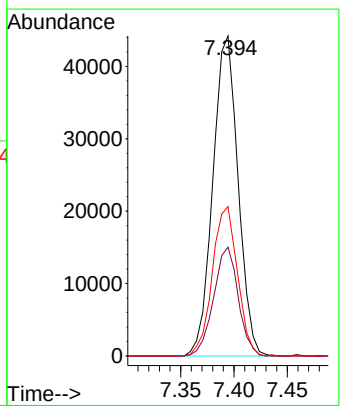
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

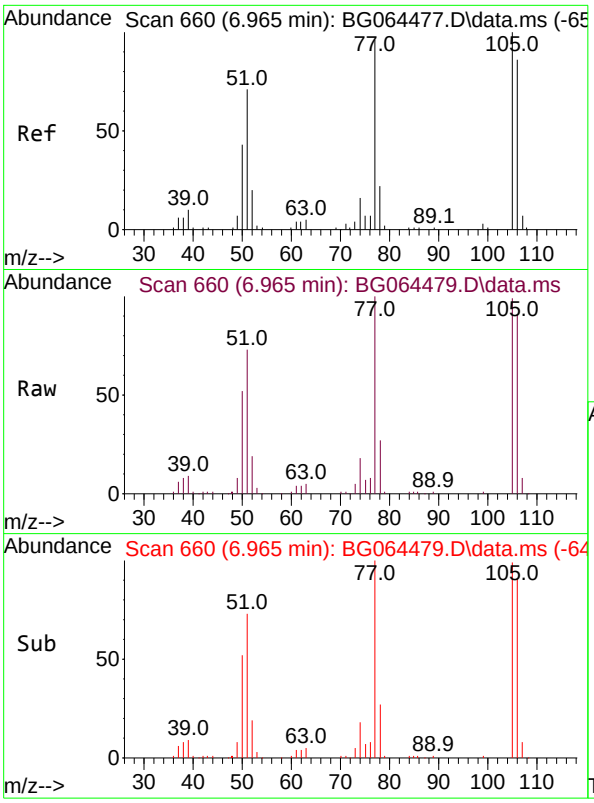


#8
2-Chlorophenol
Concen: 60.397 ng
RT: 7.394 min Scan# 733
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:128 Resp: 72763

Ion	Ratio	Lower	Upper
128	100		
130	34.0	9.2	49.2
64	46.7	25.5	65.5

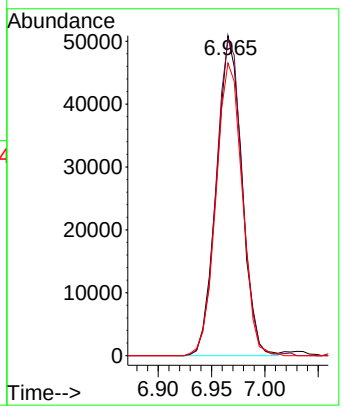




#9
Benzaldehyde
Concen: 72.070 ng
RT: 6.965 min Scan# 6
Delta R.T. 0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion: 77 Resp: 8434

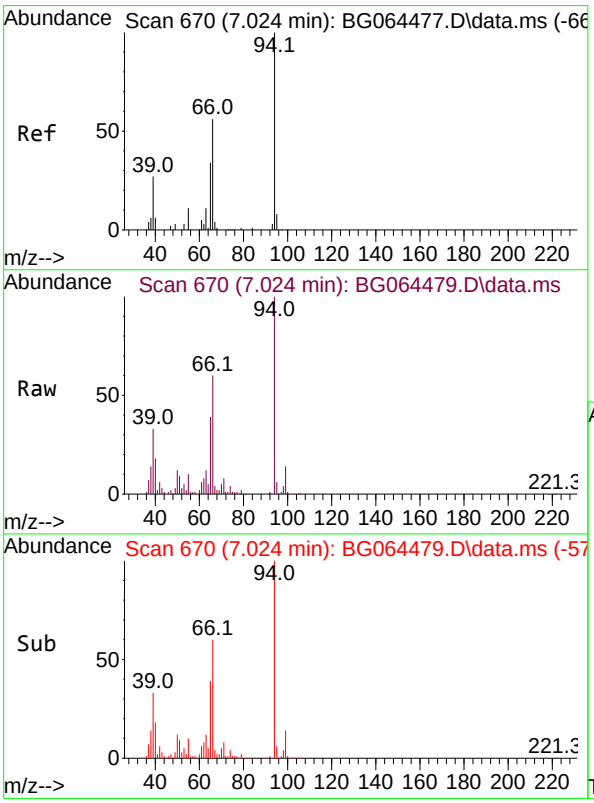
Ion	Ratio	Lower	Upper
77	100		
105	98.6	83.7	123.7
106	91.4	69.4	109.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

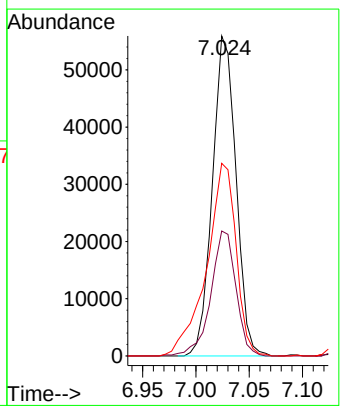
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

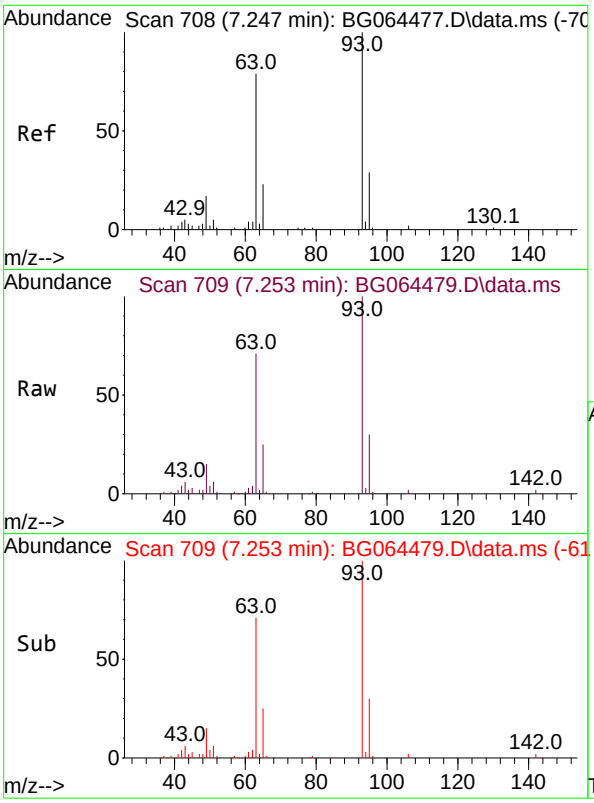


#10
Phenol
Concen: 61.981 ng
RT: 7.024 min Scan# 670
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion: 94 Resp: 86206

Ion	Ratio	Lower	Upper
94	100		
65	39.0	14.8	54.8
66	60.2	41.4	81.4

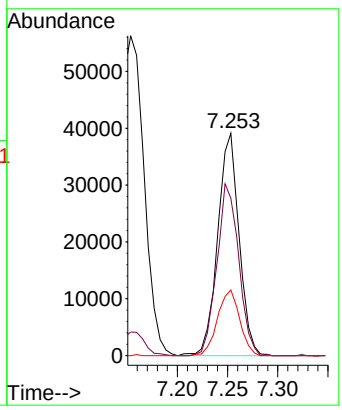




#11
bis(2-Chloroethyl)ether
Concen: 61.560 ng
RT: 7.253 min Scan# 7
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion: 93 Resp: 5798

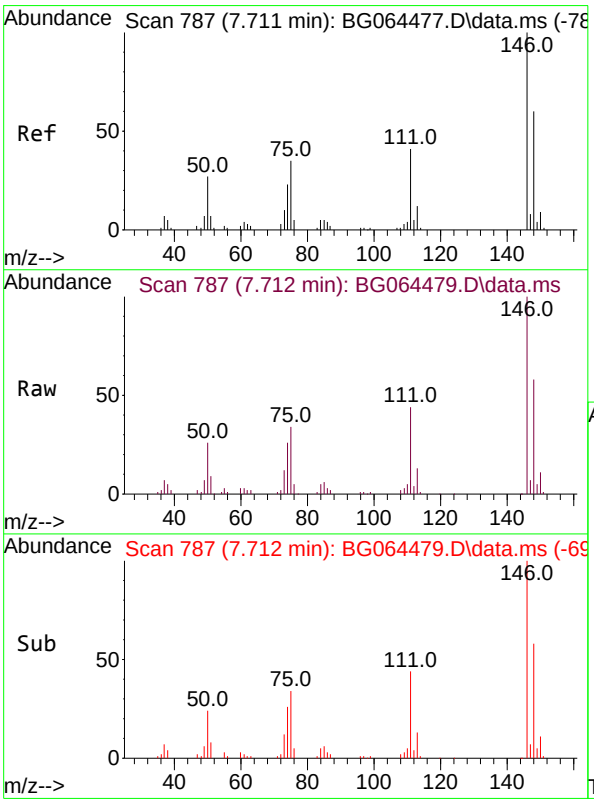
Ion	Ratio	Lower	Upper
93	100		
63	70.8	59.5	99.5
95	29.6	8.8	48.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

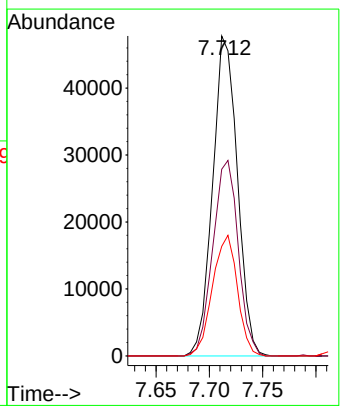
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

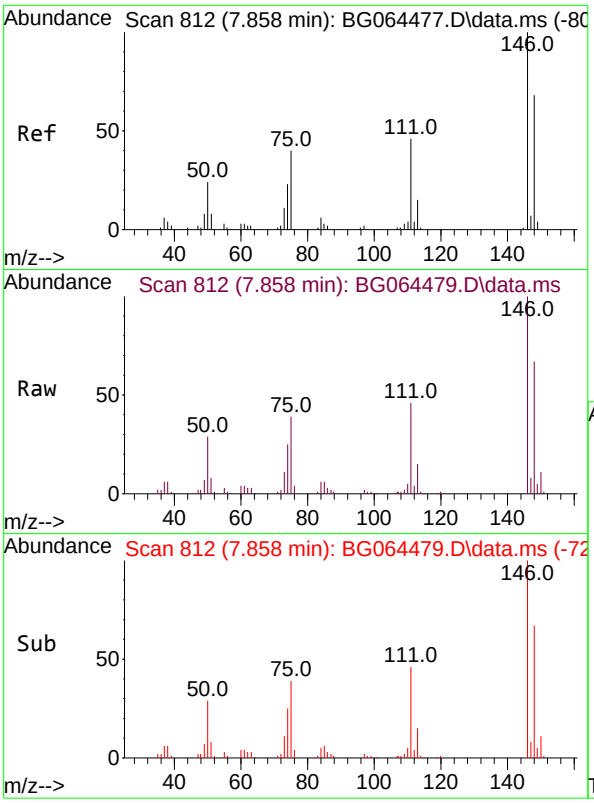


#12
1,3-Dichlorobenzene
Concen: 58.613 ng
RT: 7.712 min Scan# 787
Delta R.T. 0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:146 Resp: 77246

Ion	Ratio	Lower	Upper
146	100		
148	58.3	48.4	72.6
75	34.2	28.3	42.5

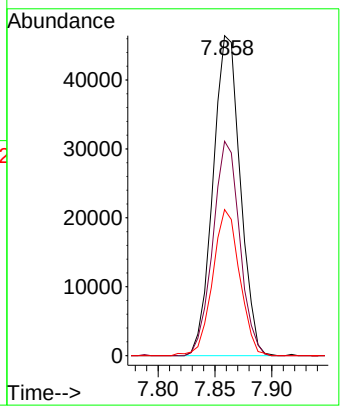




#13
1,4-Dichlorobenzene
Concen: 58.502 ng
RT: 7.858 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:146 Resp: 77379

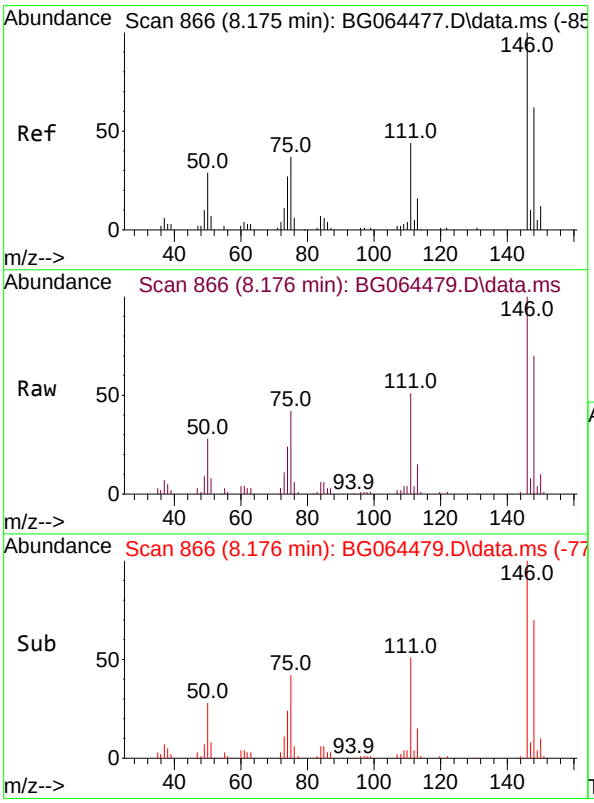
Ion	Ratio	Lower	Upper
146	100		
148	67.0	54.4	81.6
111	45.6	36.5	54.7



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

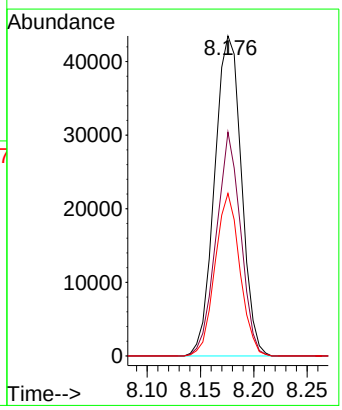
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

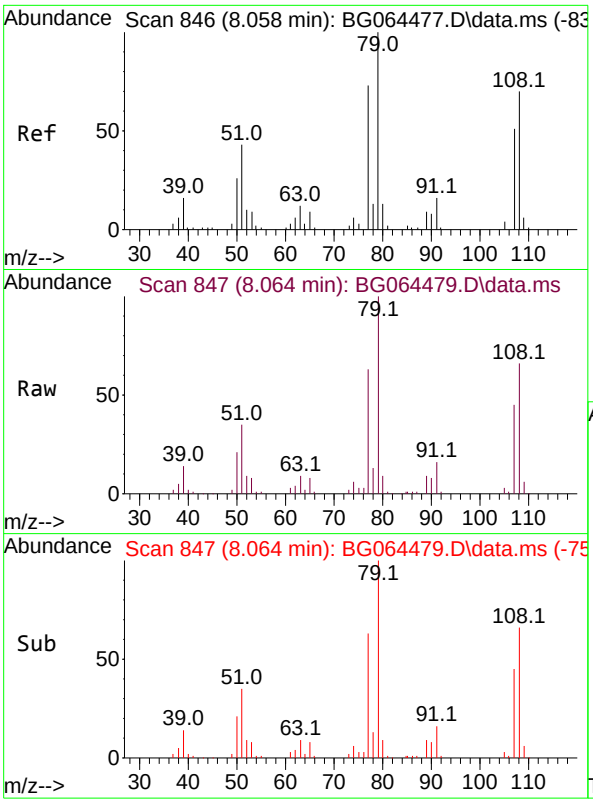


#14
1,2-Dichlorobenzene
Concen: 58.463 ng
RT: 8.176 min Scan# 866
Delta R.T. 0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:146 Resp: 76212

Ion	Ratio	Lower	Upper
146	100		
148	69.9	50.0	75.0
111	50.8	35.0	52.4

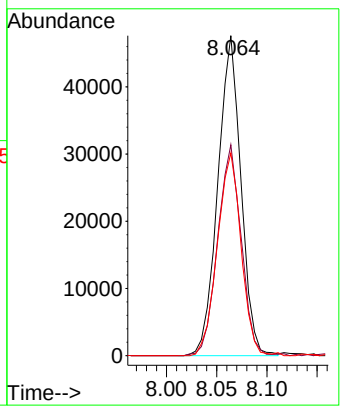




#15
Benzyl Alcohol
Concen: 62.783 ng
RT: 8.064 min Scan# 84
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion: 79 Resp: 7623

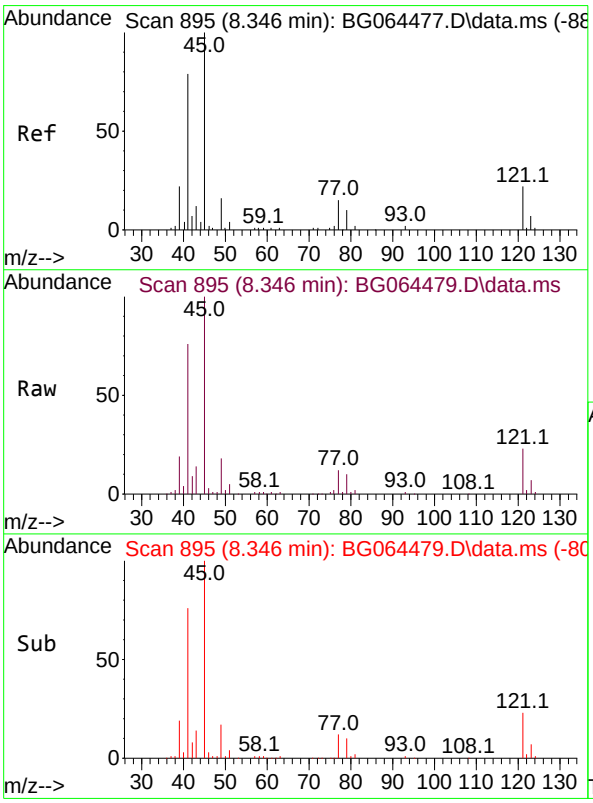
Ion	Ratio	Lower	Upper
79	100		
108	65.9	56.4	84.6
77	63.3	58.3	87.5



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

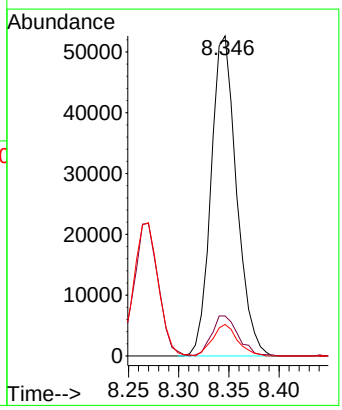
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

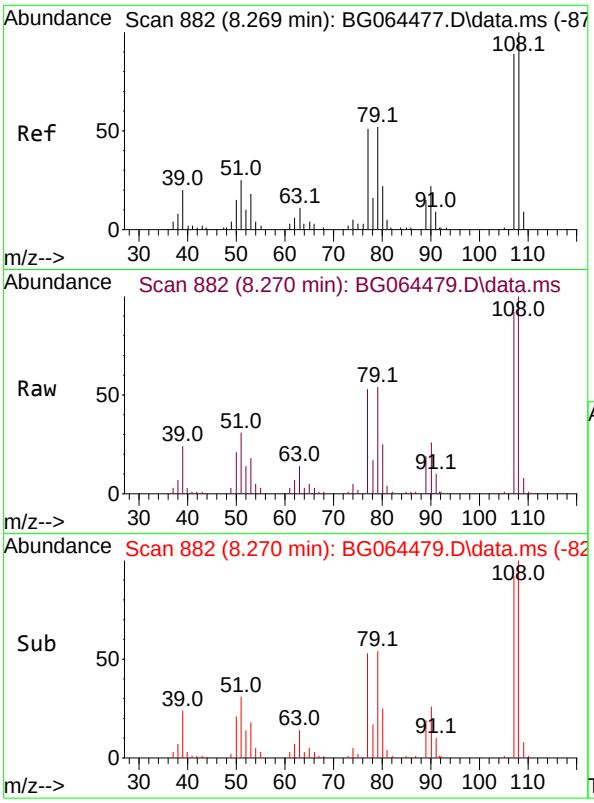


#16
2,2'-oxybis(1-Chloropropane)
Concen: 61.262 ng
RT: 8.346 min Scan# 895
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion: 45 Resp: 93010

Ion	Ratio	Lower	Upper
45	100		
77	12.5	0.0	35.6
79	9.8	0.0	30.7

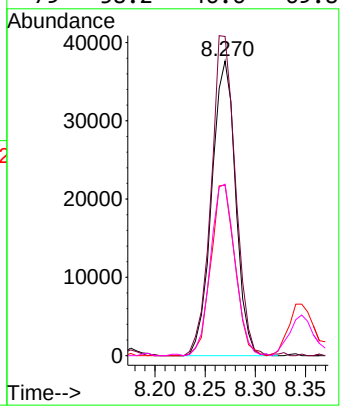




#17
2-Methylphenol
Concen: 61.823 ng
RT: 8.270 min Scan# 88
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:107 Resp: 6226

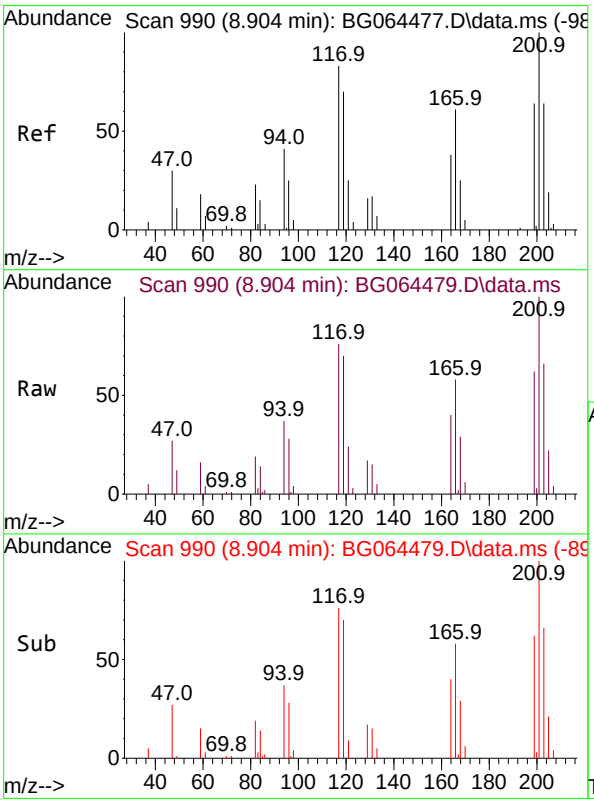
Ion	Ratio	Lower	Upper
107	100		
108	108.3	90.3	135.5
77	57.9	46.0	69.0
79	58.2	46.6	69.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

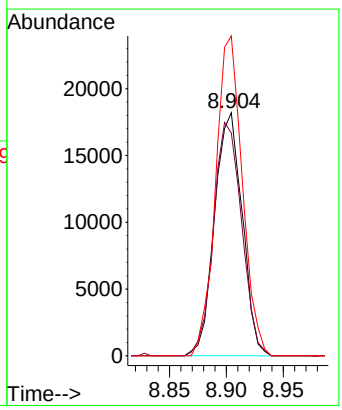
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

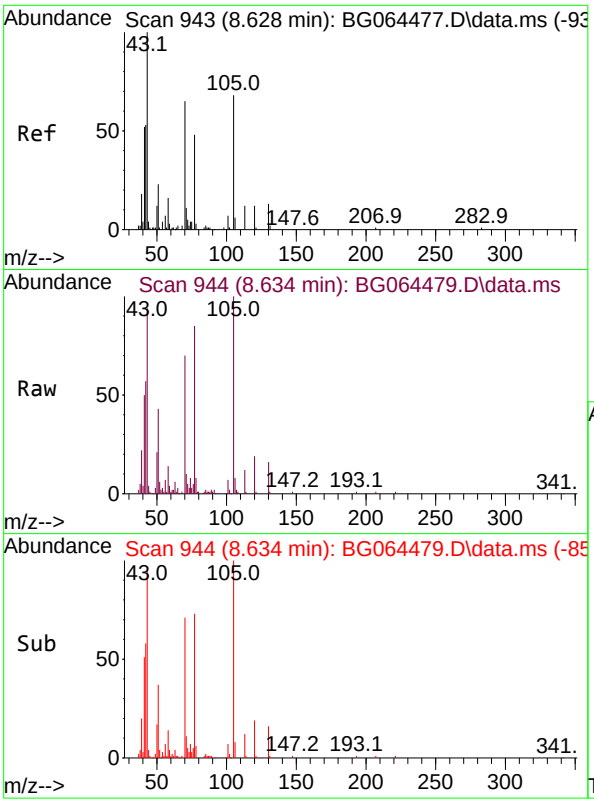


#18
Hexachloroethane
Concen: 59.041 ng
RT: 8.904 min Scan# 990
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:117 Resp: 30824

Ion	Ratio	Lower	Upper
117	100		
119	91.7	67.4	101.0
201	131.7	95.9	143.9

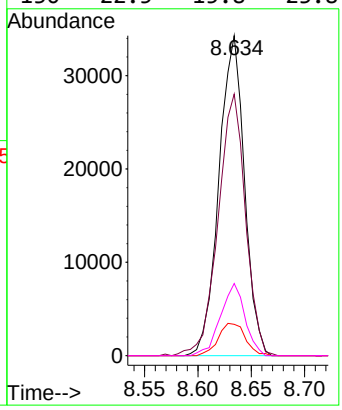




#19
n-Nitroso-di-n-propylamine
Concen: 64.752 ng
RT: 8.634 min Scan# 94
Delta R.T. 0.020 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion: 70 Resp: 5709

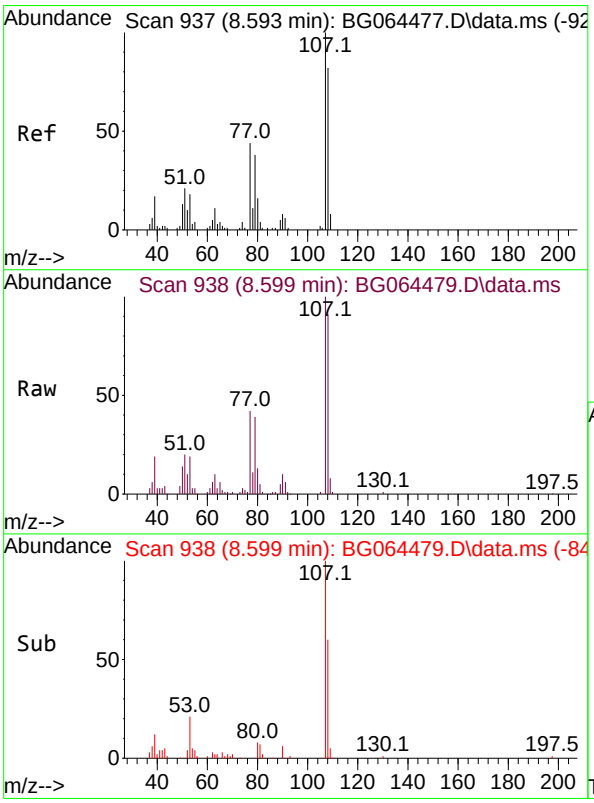
Ion	Ratio	Lower	Upper
70	100		
42	81.7	64.9	97.3
101	9.8	8.7	13.1
130	22.5	15.8	23.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

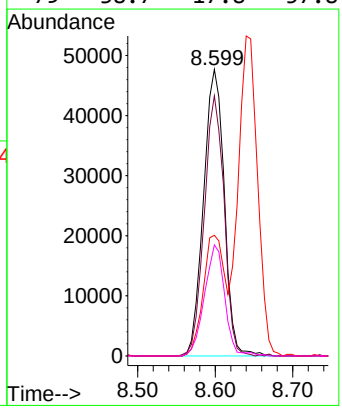
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

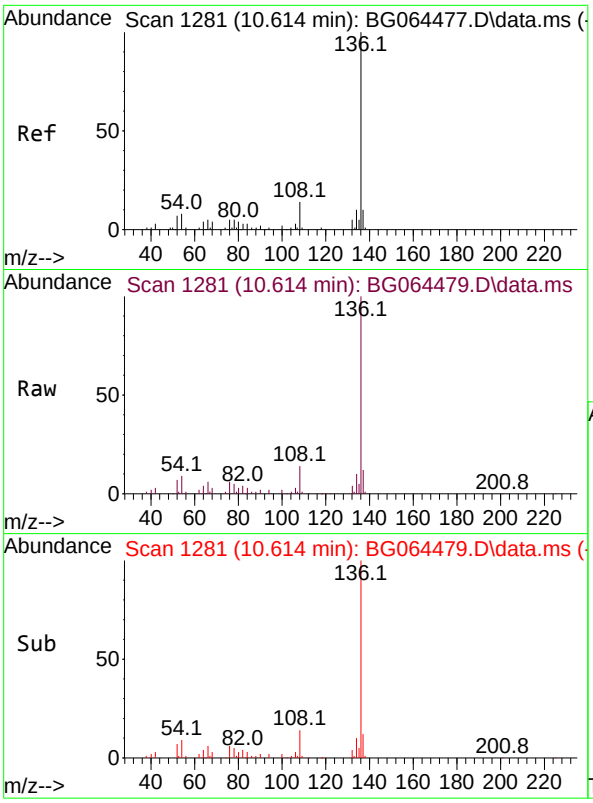


#20
3+4-Methylphenols
Concen: 62.850 ng
RT: 8.599 min Scan# 938
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:107 Resp: 88330

Ion	Ratio	Lower	Upper
107	100		
108	90.8	62.1	102.1
77	42.1	23.5	63.5
79	38.7	17.8	57.8

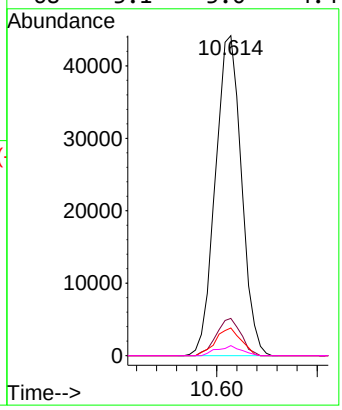




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 1
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:136 Resp: 7971

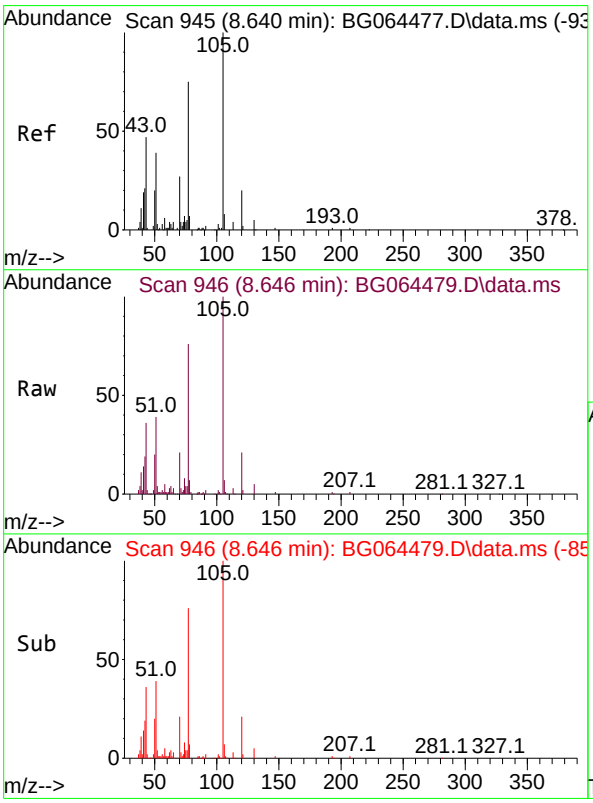
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.3	12.5
54	8.6	6.2	9.4
68	3.1	3.0	4.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

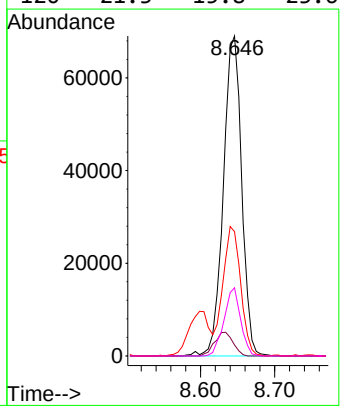
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

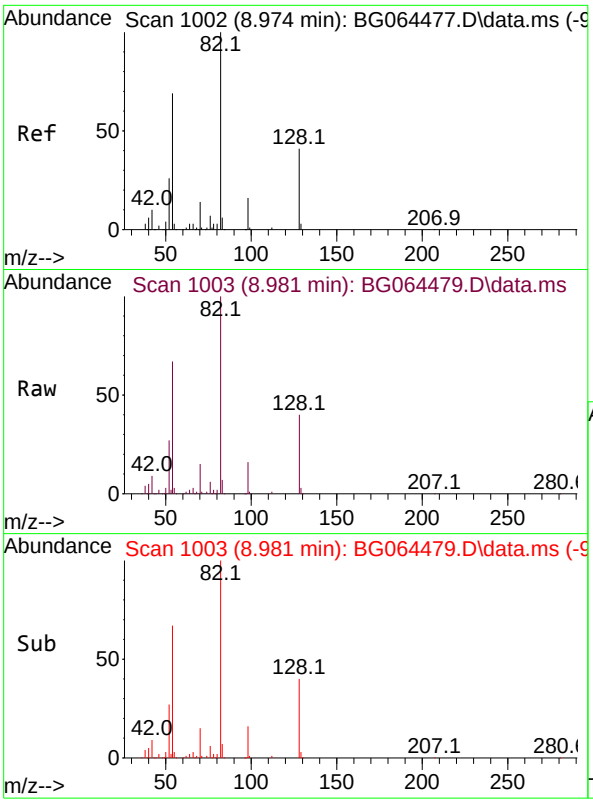


#22
Acetophenone
Concen: 61.322 ng
RT: 8.646 min Scan# 946
Delta R.T. 0.014 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:105 Resp: 118355

Ion	Ratio	Lower	Upper
105	100		
71	3.5	2.8	4.2
51	38.8	33.0	49.4
120	21.3	15.8	23.6

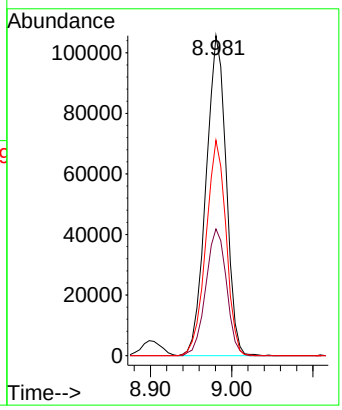




#23
Nitrobenzene-d5
Concen: 122.779 ng
RT: 8.981 min Scan# 1
Delta R.T. 0.014 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion: 82 Resp: 18201

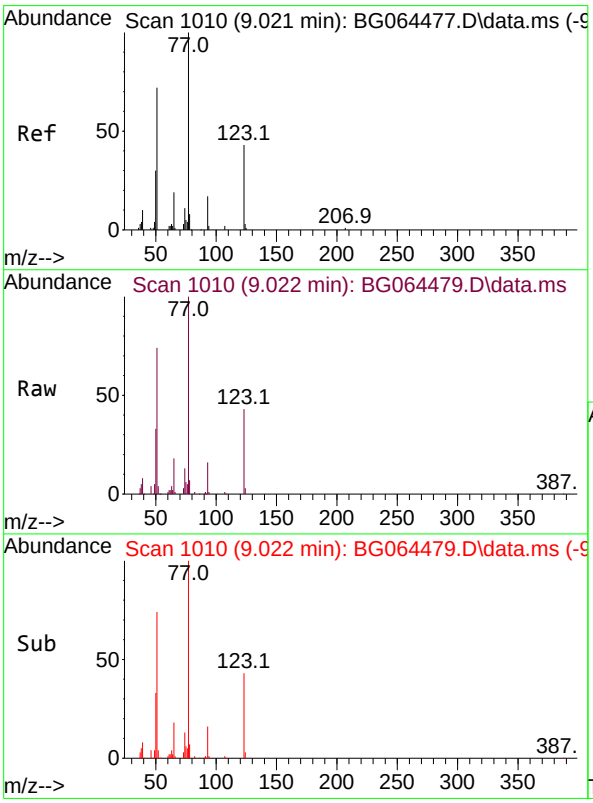
Ion	Ratio	Lower	Upper
82	100		
128	39.6	33.1	49.7
54	67.3	55.4	83.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

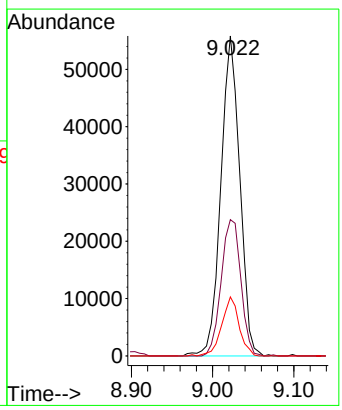
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

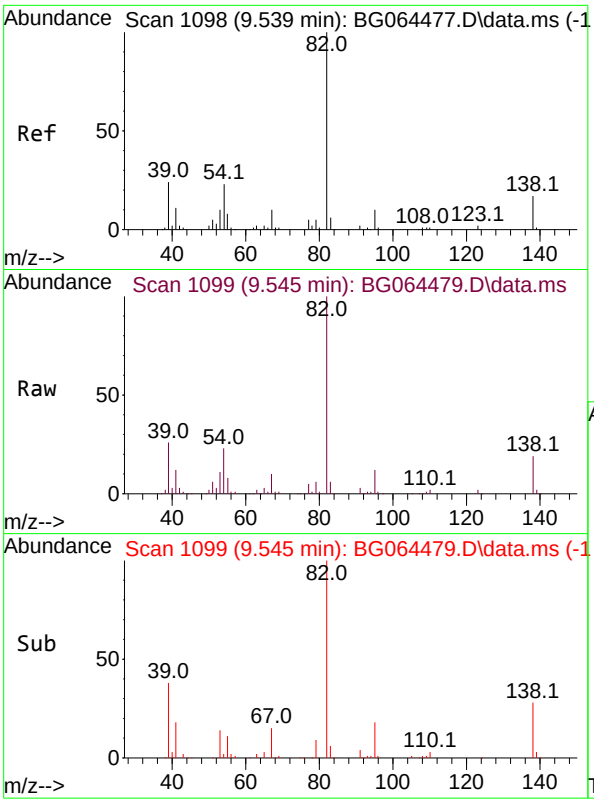


#24
Nitrobenzene
Concen: 60.977 ng
RT: 9.022 min Scan# 1010
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion: 77 Resp: 90145

Ion	Ratio	Lower	Upper
77	100		
123	42.6	34.4	51.6
65	18.4	14.8	22.2

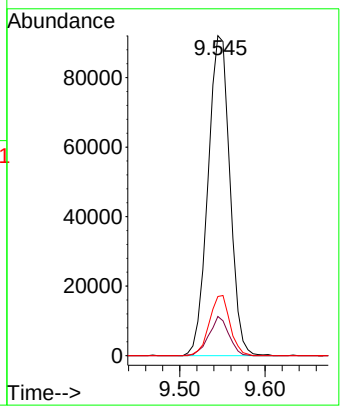




#25
Isophorone
Concen: 61.043 ng
RT: 9.545 min Scan# 1
Delta R.T. 0.014 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion: 82 Resp: 16394

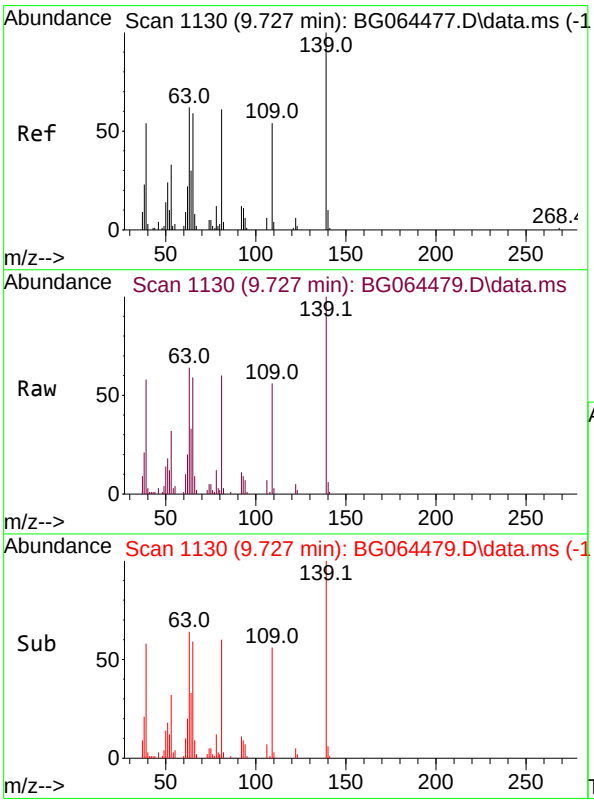
Ion	Ratio	Lower	Upper
82	100		
95	12.2	7.8	11.8#
138	18.5	13.8	20.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

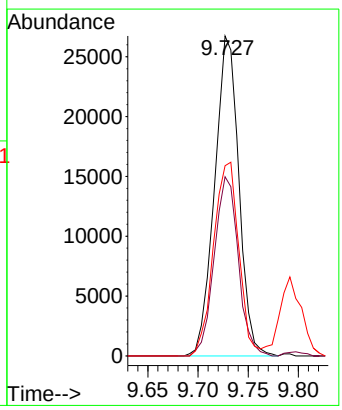
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

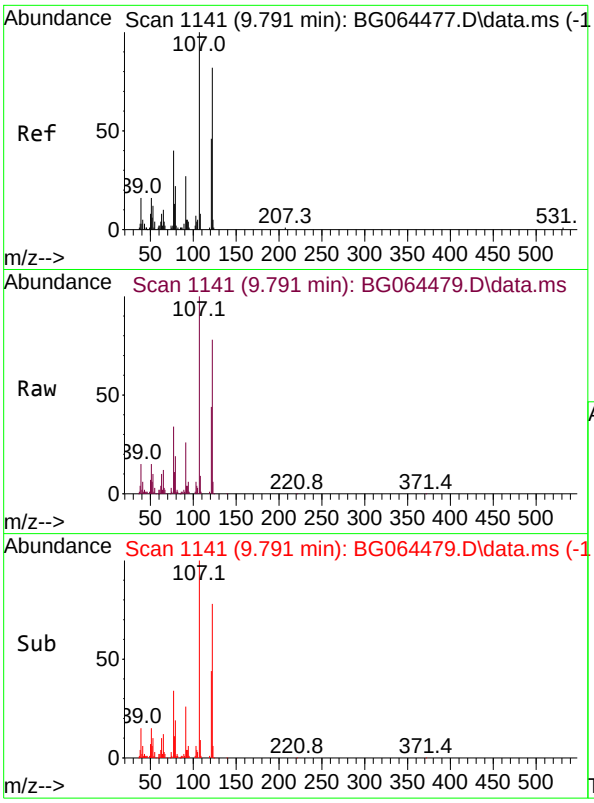


#26
2-Nitrophenol
Concen: 61.140 ng
RT: 9.727 min Scan# 1130
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:139 Resp: 44985

Ion	Ratio	Lower	Upper
139	100		
109	56.0	43.0	64.6
65	59.4	47.4	71.2

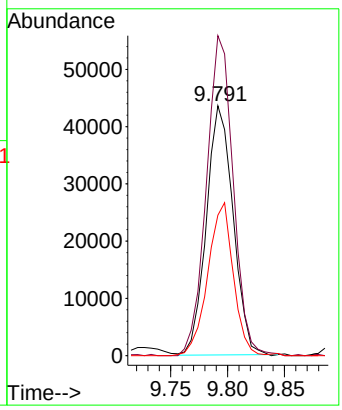




#27
2,4-Dimethylphenol
Concen: 63.308 ng
RT: 9.791 min Scan# 11
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:122 Resp: 7114

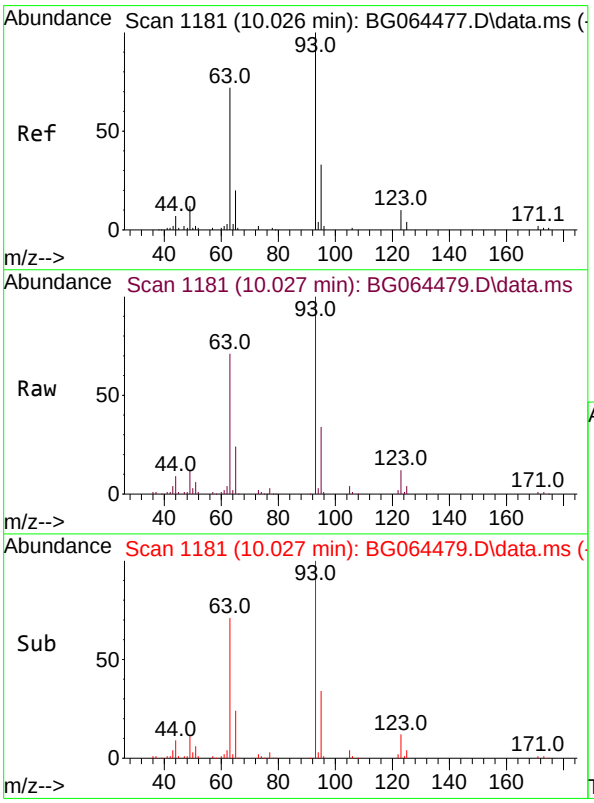
Ion	Ratio	Lower	Upper
122	100		
107	128.1	98.3	147.5
121	56.2	44.7	67.1



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

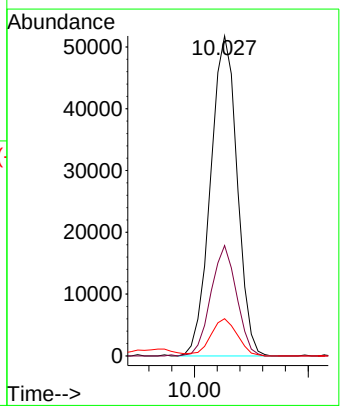
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

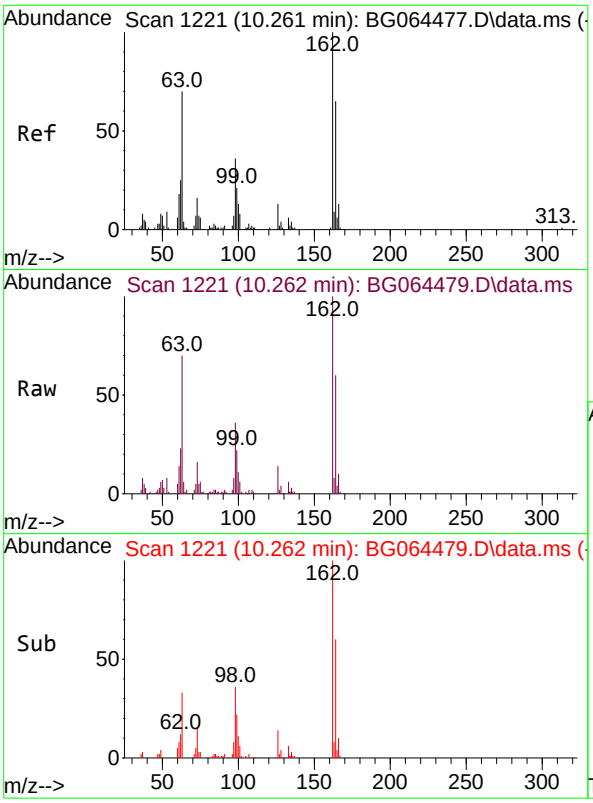


#28
bis(2-Chloroethoxy)methane
Concen: 61.433 ng
RT: 10.027 min Scan# 1181
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion: 93 Resp: 84101

Ion	Ratio	Lower	Upper
93	100		
95	34.5	26.5	39.7
123	11.6	8.9	13.3

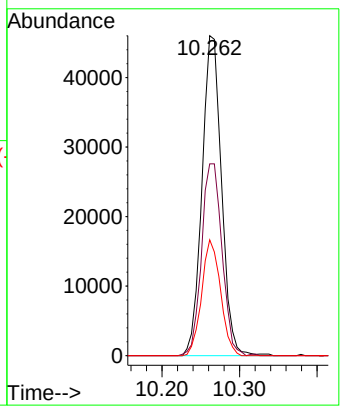




#29
2,4-Dichlorophenol
Concen: 61.860 ng
RT: 10.262 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:162 Resp: 8039

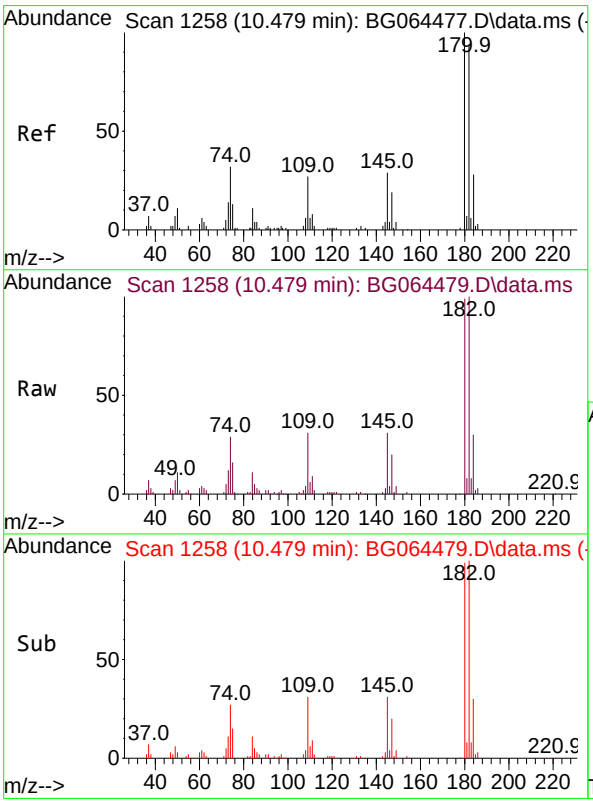
Ion	Ratio	Lower	Upper
162	100		
164	59.9	45.4	85.4
98	36.2	16.4	56.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

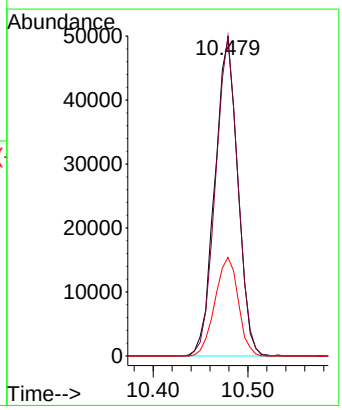
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

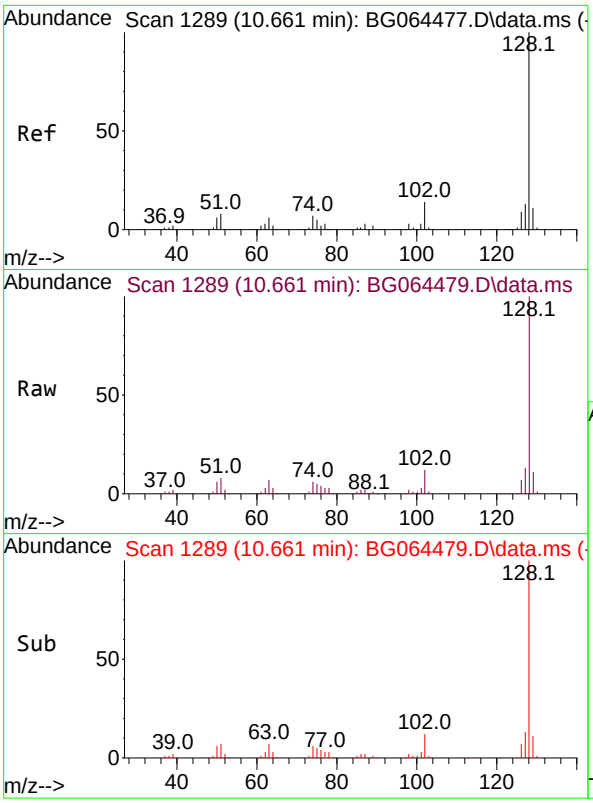


#30
1,2,4-Trichlorobenzene
Concen: 58.922 ng
RT: 10.479 min Scan# 1258
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:180 Resp: 83491

Ion	Ratio	Lower	Upper
180	100		
182	101.0	75.4	113.2
145	31.1	23.2	34.8

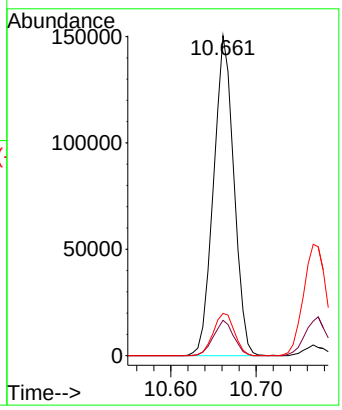




#31
Naphthalene
Concen: 60.652 ng
RT: 10.661 min Scan# 1
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:128 Resp: 24896

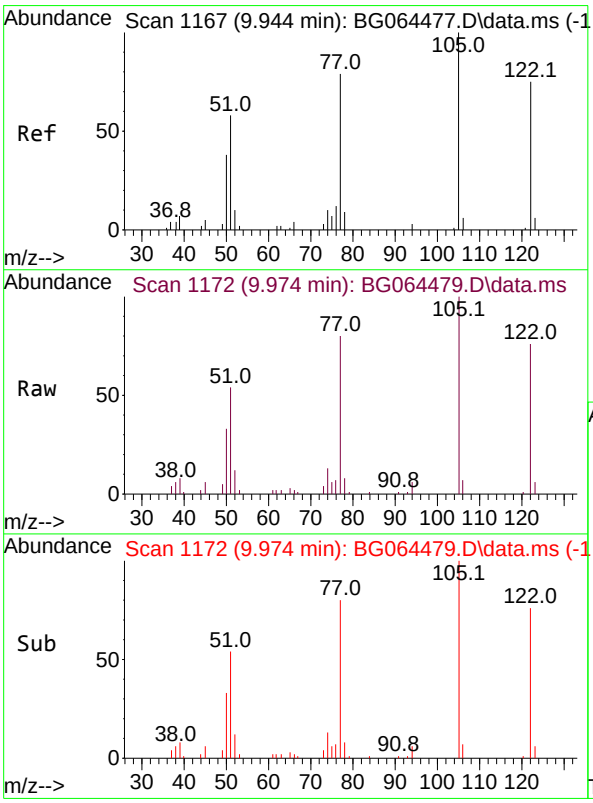
Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.2	10.2	15.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

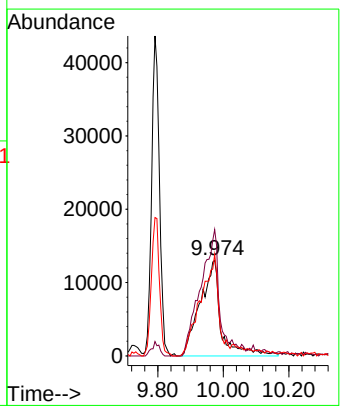
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

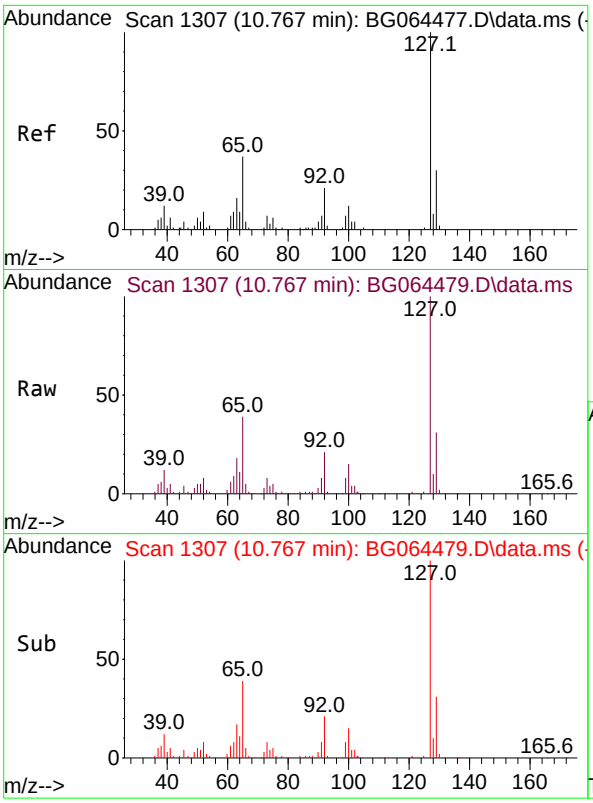


#32
Benzoic acid
Concen: 66.902 ng m
RT: 9.974 min Scan# 1172
Delta R.T. 0.085 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:122 Resp: 57724

Ion	Ratio	Lower	Upper
122	100		
105	132.1	113.9	153.9
77	106.1	86.1	126.1

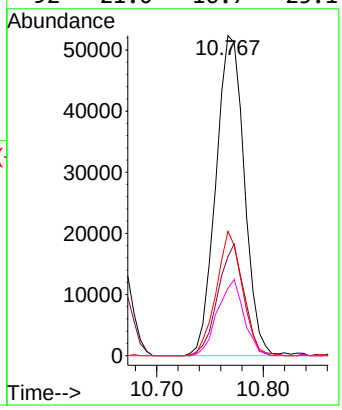




#33
4-Chloroaniline
Concen: 61.625 ng
RT: 10.767 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:127 Resp: 9706

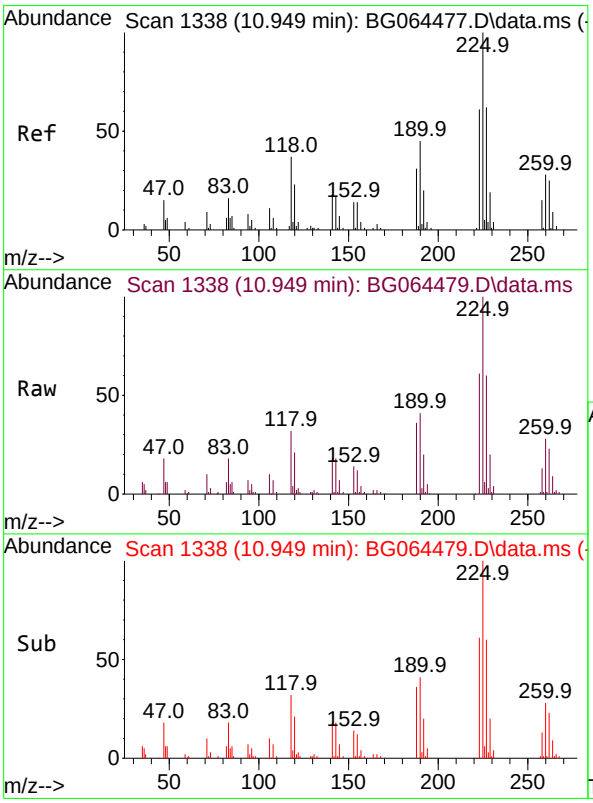
Ion	Ratio	Lower	Upper
127	100		
129	31.0	24.2	36.4
65	38.8	29.6	44.4
92	21.0	16.7	25.1



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

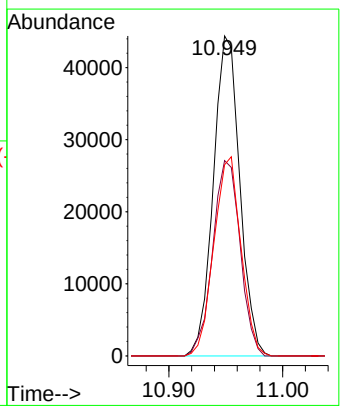
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

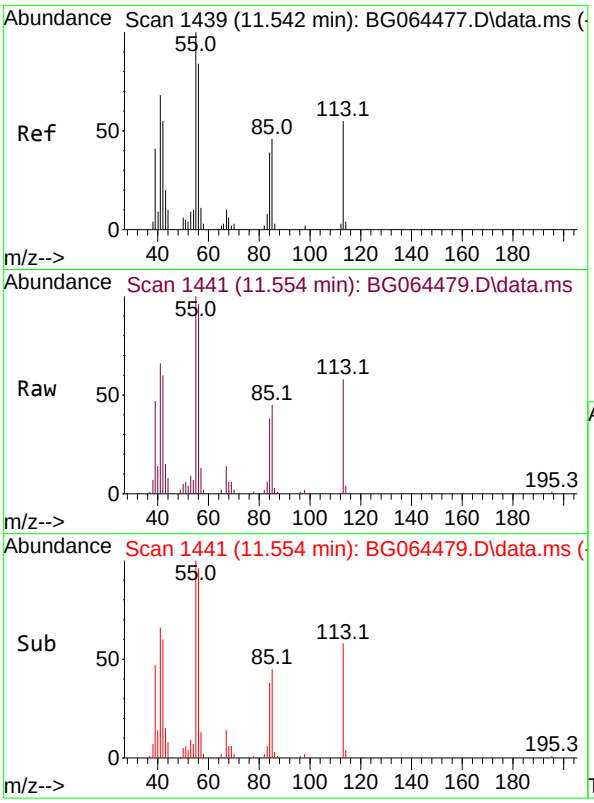


#34
Hexachlorobutadiene
Concen: 59.141 ng
RT: 10.949 min Scan# 1338
Delta R.T. 0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:225 Resp: 71767

Ion	Ratio	Lower	Upper
225	100		
223	61.0	49.0	73.6
227	59.7	49.9	74.9

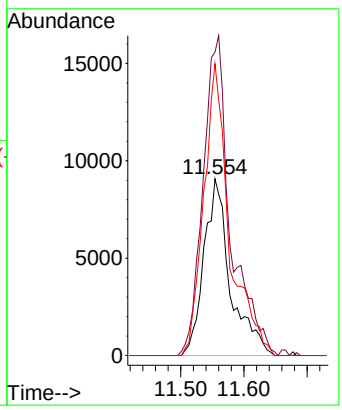




#35
Caprolactam
Concen: 59.294 ng
RT: 11.554 min Scan# 14
Delta R.T. 0.044 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:113 Resp: 2637

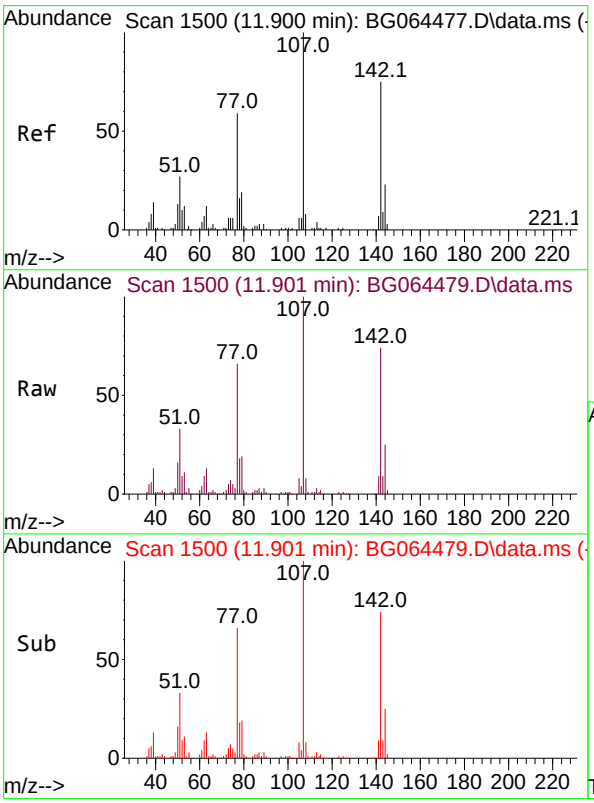
Ion	Ratio	Lower	Upper
113	100		
55	171.8	162.0	202.0
56	165.2	134.6	174.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

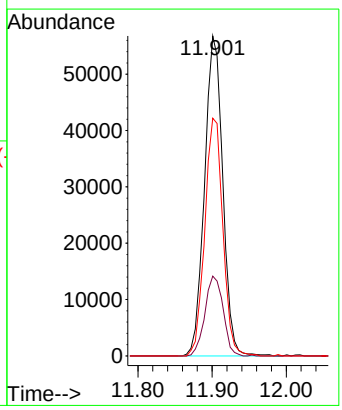
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

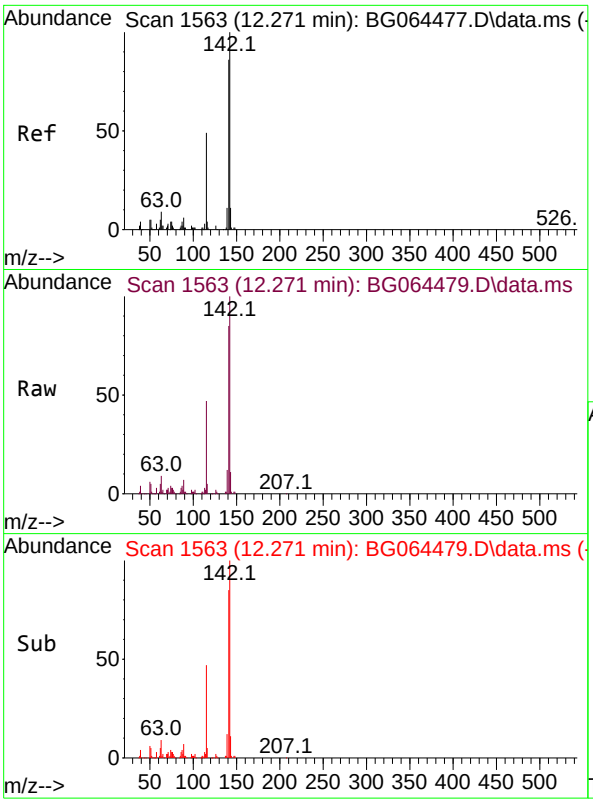


#36
4-Chloro-3-methylphenol
Concen: 61.261 ng
RT: 11.901 min Scan# 1500
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:107 Resp: 96815

Ion	Ratio	Lower	Upper
107	100		
144	24.9	18.7	28.1
142	74.3	60.2	90.2

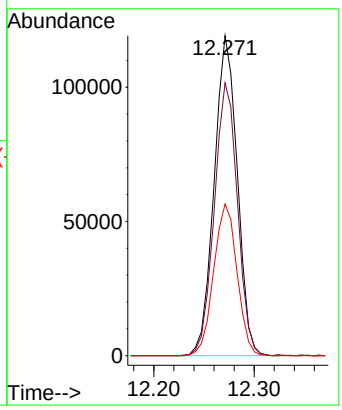




#37
2-Methylnaphthalene
Concen: 60.616 ng
RT: 12.271 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:142 Resp: 19099

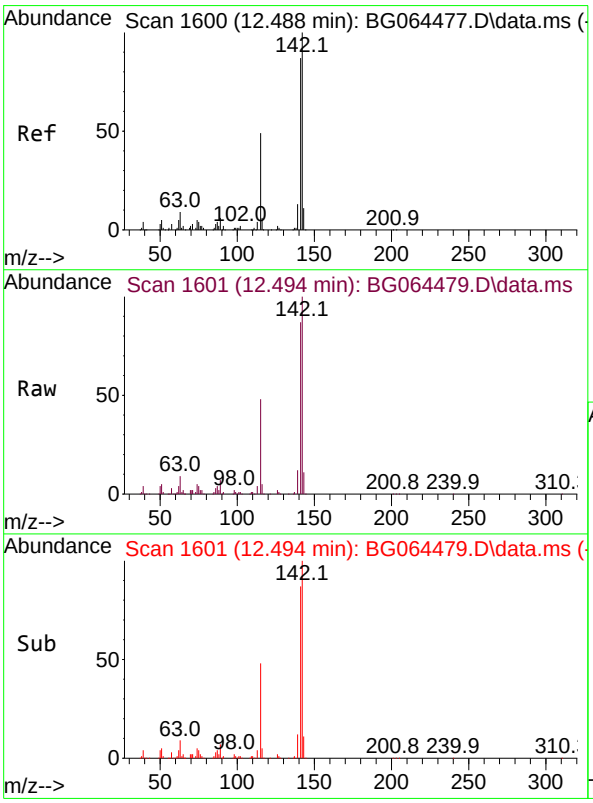
Ion	Ratio	Lower	Upper
142	100		
141	85.2	68.7	103.1
115	47.4	39.3	58.9



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

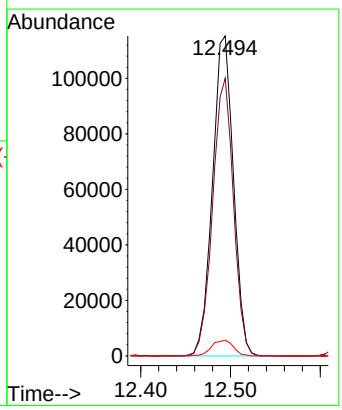
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

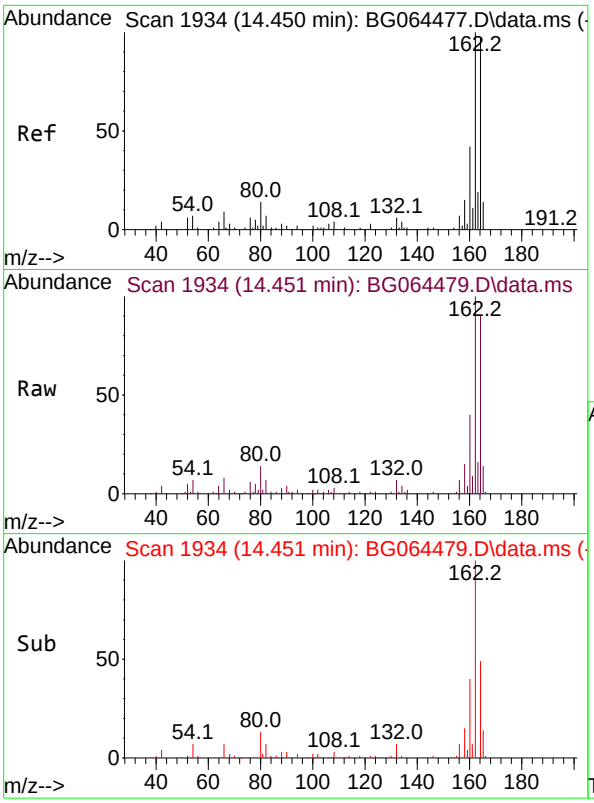


#38
1-Methylnaphthalene
Concen: 59.679 ng
RT: 12.494 min Scan# 1601
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:142 Resp: 187504

Ion	Ratio	Lower	Upper
142	100		
141	86.8	69.8	104.8
116	4.9	4.6	6.8

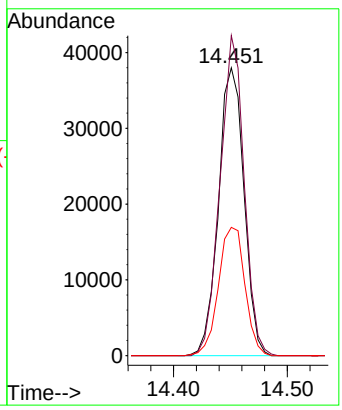




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 19
Delta R.T. 0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:164 Resp: 5922

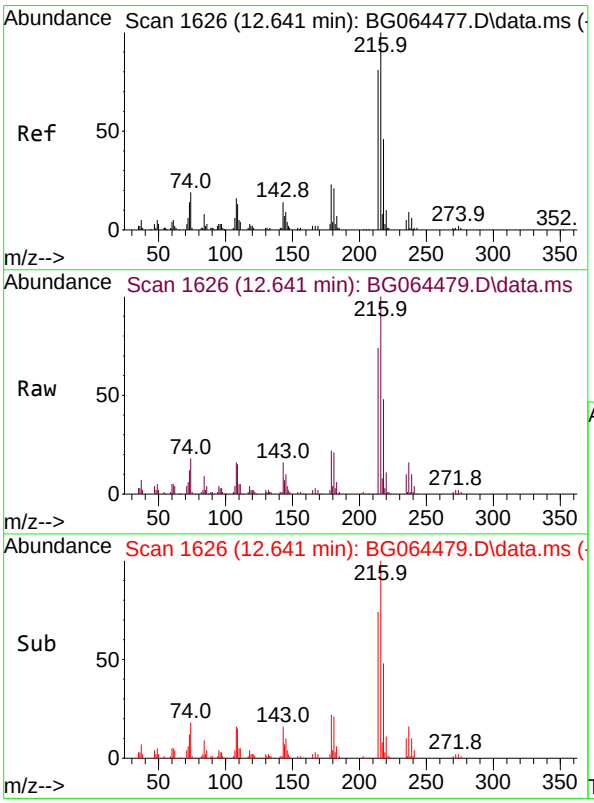
Ion	Ratio	Lower	Upper
164	100		
162	111.2	82.2	123.2
160	44.6	34.3	51.5



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

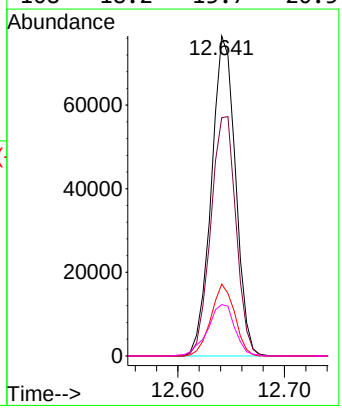
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

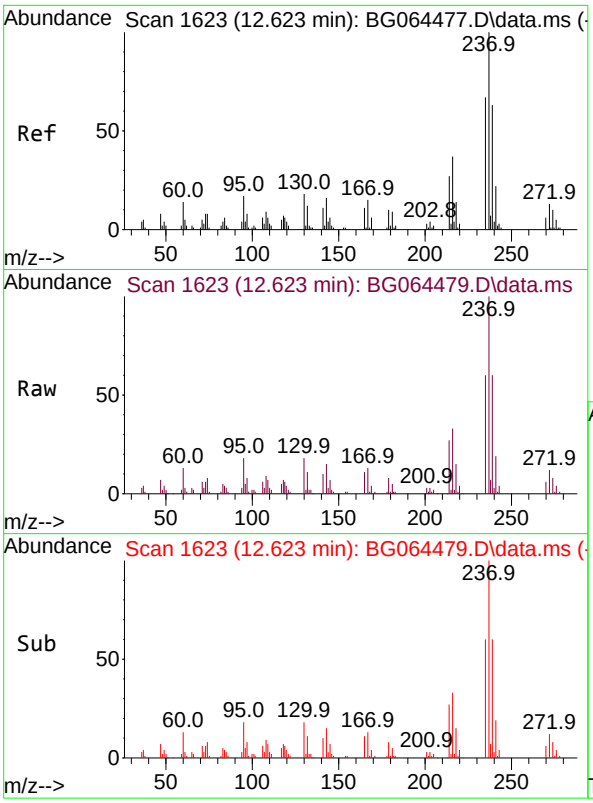


#40
1,2,4,5-Tetrachlorobenzene
Concen: 63.034 ng
RT: 12.641 min Scan# 1626
Delta R.T. 0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:216 Resp: 120531

Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.5	93.7
179	22.0	17.0	25.6
108	18.2	13.7	20.5

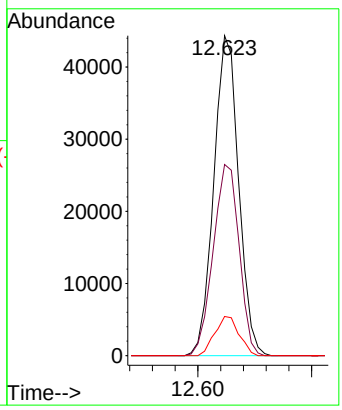




#41
Hexachlorocyclopentadiene
Concen: 67.119 ng
RT: 12.623 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:237 Resp: 6713

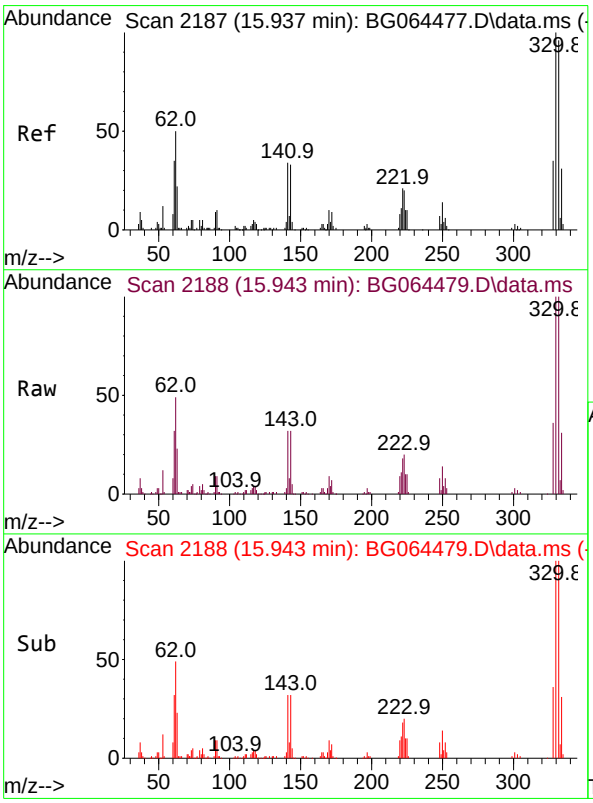
Ion	Ratio	Lower	Upper
237	100		
235	59.7	46.9	86.9
272	12.2	0.0	32.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

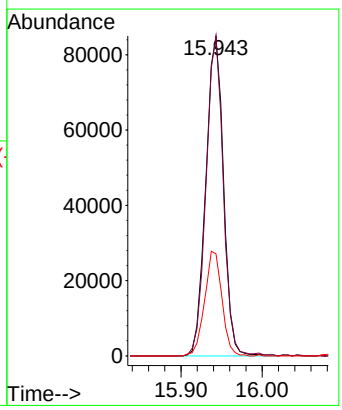
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

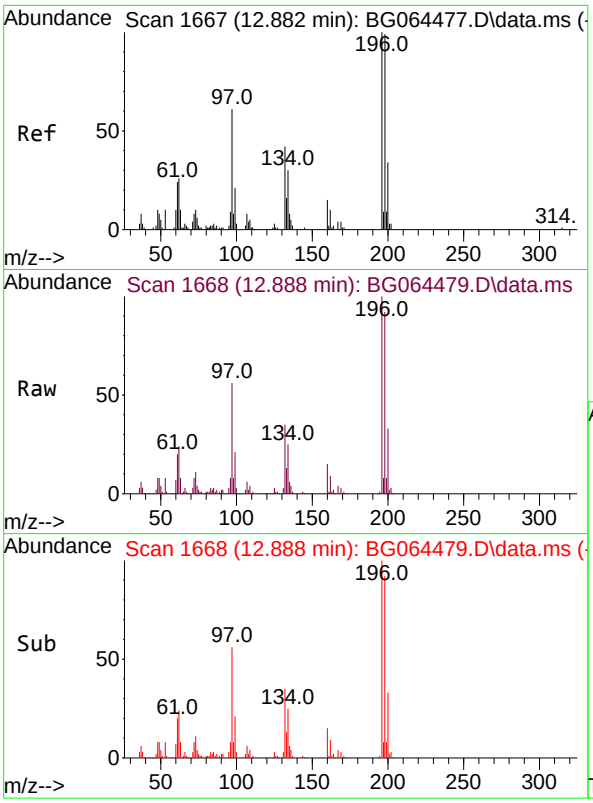


#42
2,4,6-Tribromophenol
Concen: 119.659 ng
RT: 15.943 min Scan# 2188
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:330 Resp: 128452

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.4	116.0
141	32.1	25.8	38.6

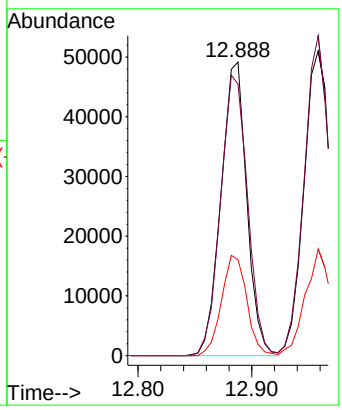




#43
2,4,6-Trichlorophenol
Concen: 63.395 ng
RT: 12.888 min Scan# 1
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:196 Resp: 7749

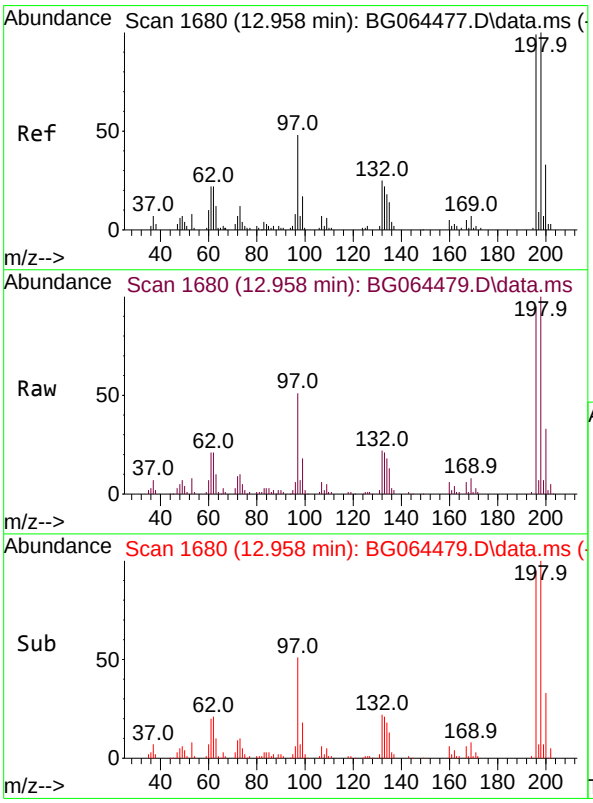
Ion	Ratio	Lower	Upper
196	100		
198	92.4	79.3	118.9
200	32.7	27.4	41.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

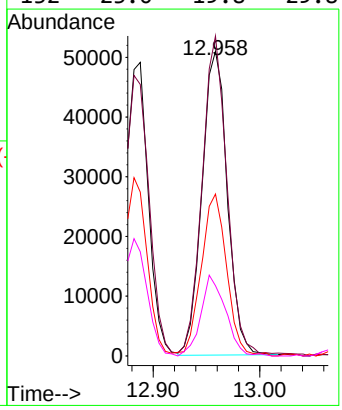
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

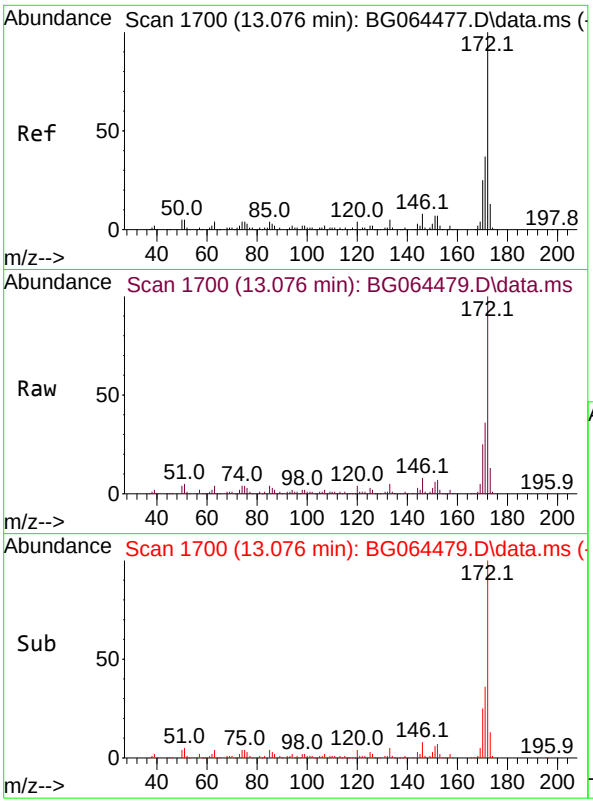


#44
2,4,5-Trichlorophenol
Concen: 61.556 ng
RT: 12.958 min Scan# 1680
Delta R.T. 0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:196 Resp: 84004

Ion	Ratio	Lower	Upper
196	100		
198	105.0	80.3	120.5
97	53.1	39.4	59.0
132	23.0	19.8	29.8

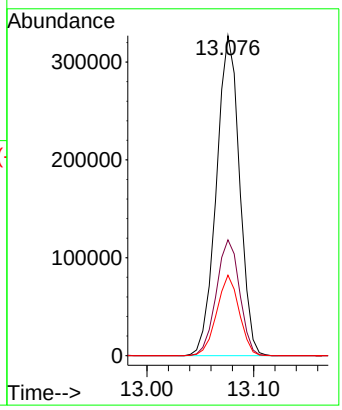




#45
2-Fluorobiphenyl
Concen: 122.847 ng
RT: 13.076 min Scan# 1
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:172 Resp: 49357

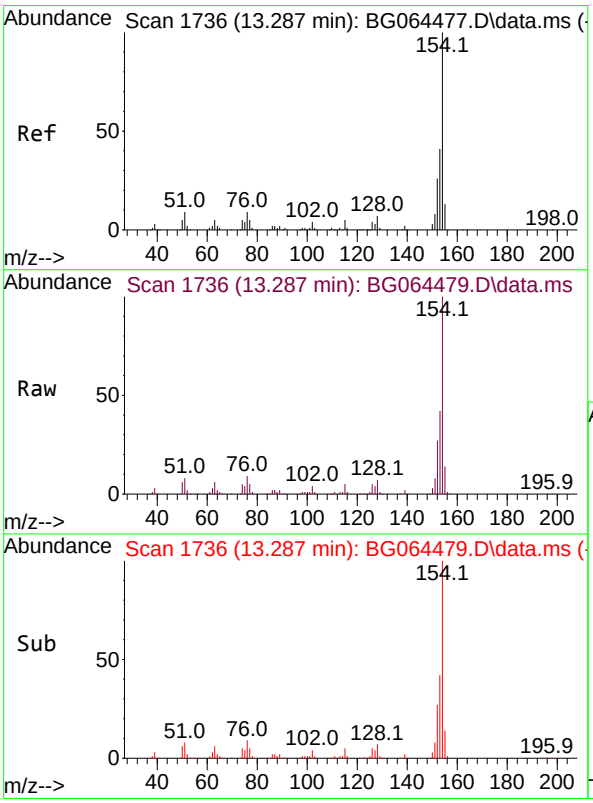
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	25.1	20.2	30.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

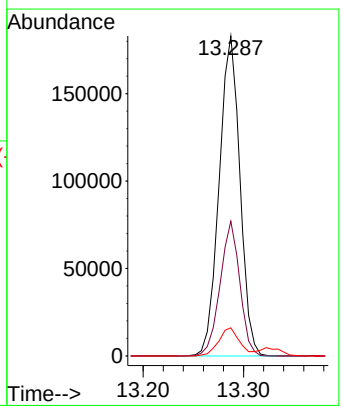
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

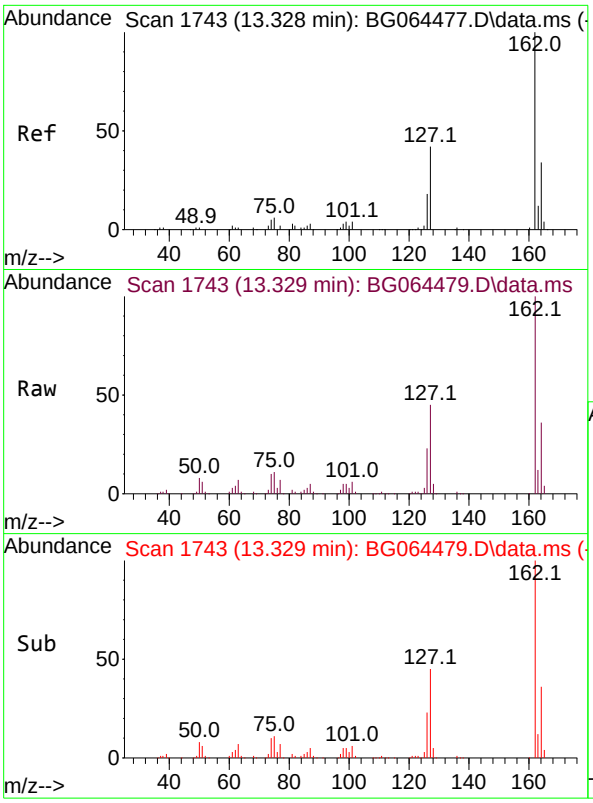


#46
1,1'-Biphenyl
Concen: 61.885 ng
RT: 13.287 min Scan# 1736
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:154 Resp: 263596

Ion	Ratio	Lower	Upper
154	100		
153	42.1	20.7	60.7
76	8.8	0.0	29.3

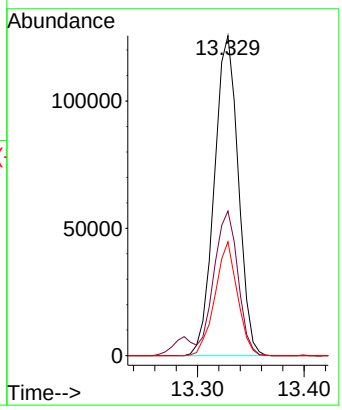




#47
2-Chloronaphthalene
Concen: 61.791 ng
RT: 13.329 min Scan# 1
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:162 Resp: 19650

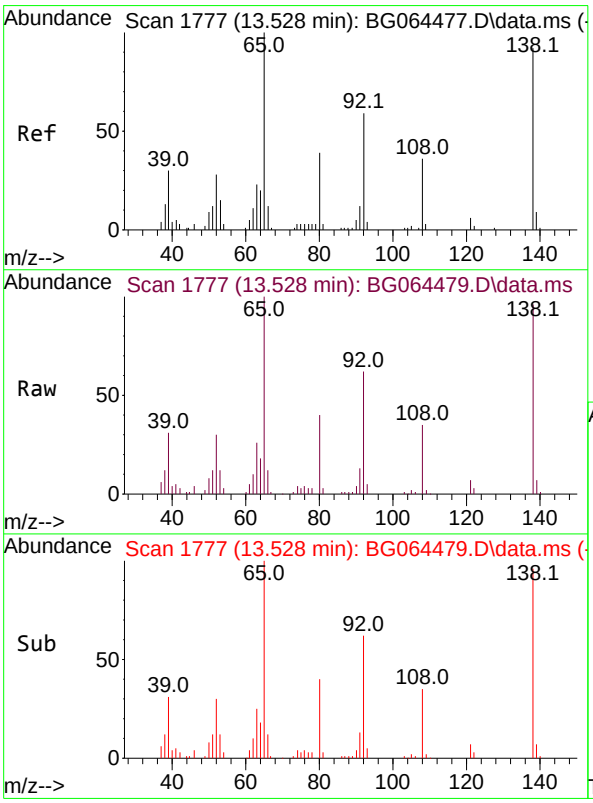
Ion	Ratio	Lower	Upper
162	100		
127	45.2	35.8	53.8
164	35.6	27.2	40.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

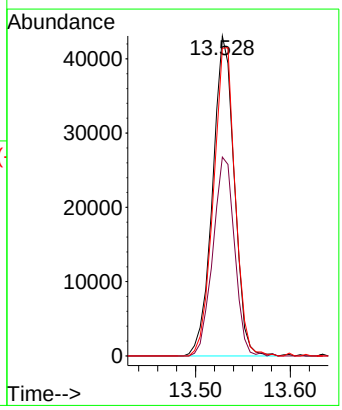
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

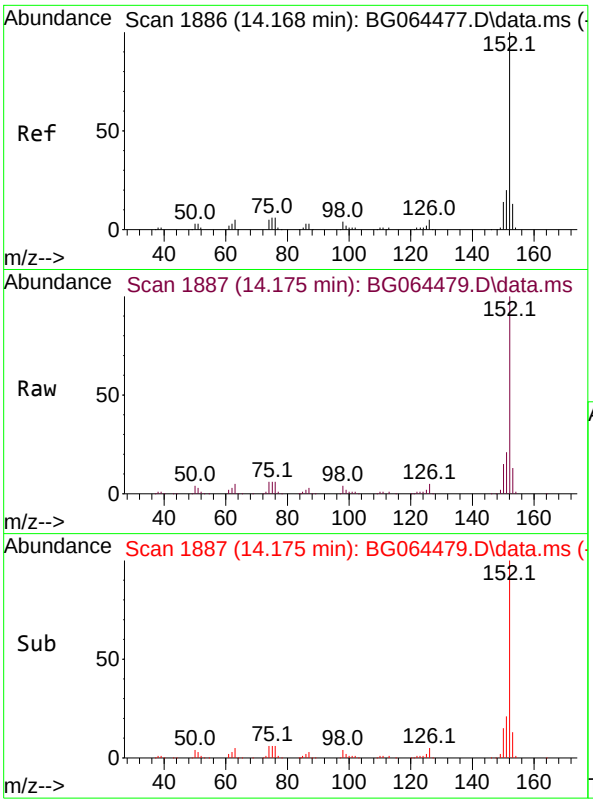


#48
2-Nitroaniline
Concen: 63.078 ng
RT: 13.528 min Scan# 1777
Delta R.T. 0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion: 65 Resp: 68465

Ion	Ratio	Lower	Upper
65	100		
92	62.1	47.0	70.6
138	96.1	73.5	110.3

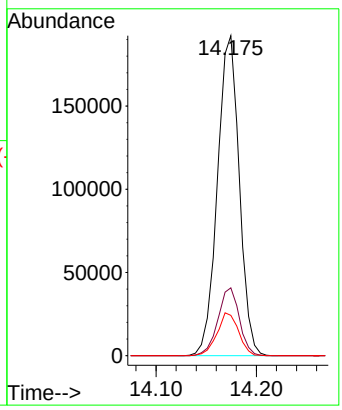




#49
Acenaphthylene
Concen: 61.645 ng
RT: 14.175 min Scan# 18
Delta R.T. 0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:152 Resp: 29101

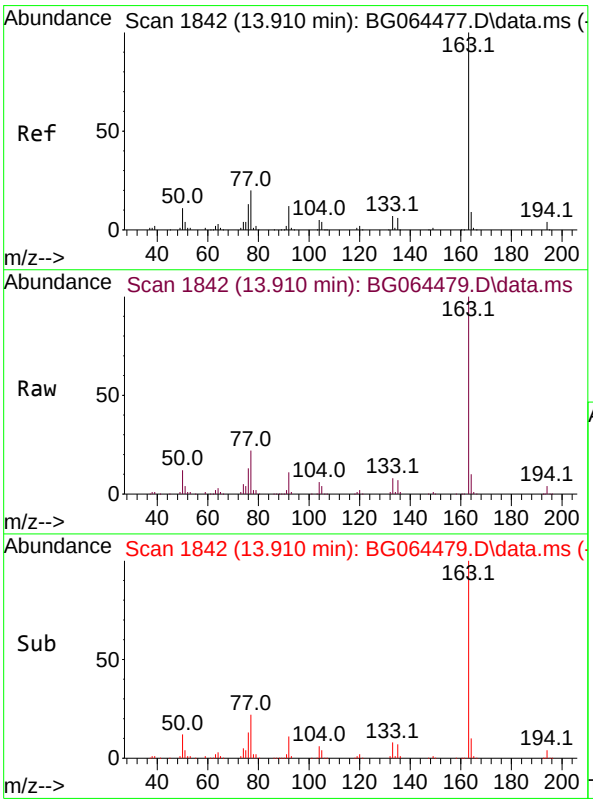
Ion	Ratio	Lower	Upper
152	100		
151	21.2	15.8	23.6
153	12.6	10.6	15.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

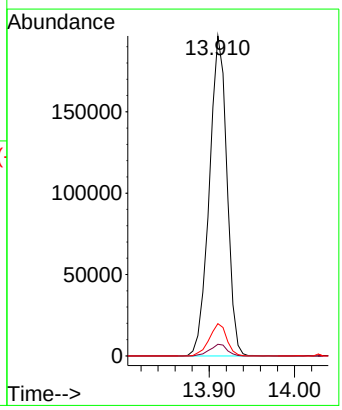
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

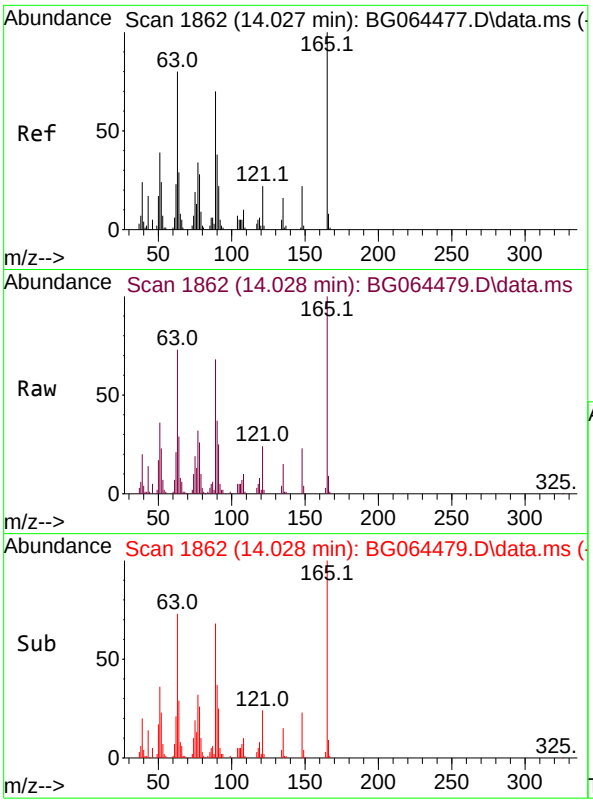


#50
Dimethylphthalate
Concen: 60.755 ng
RT: 13.910 min Scan# 1842
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:163 Resp: 281798

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.9	4.3
164	10.1	7.4	11.0

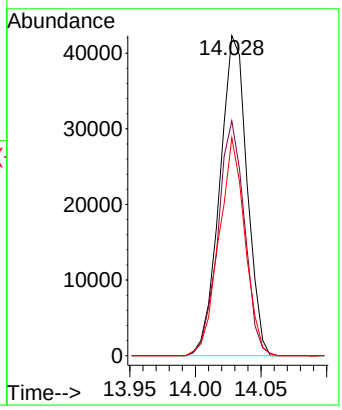




#51
2,6-Dinitrotoluene
Concen: 63.363 ng
RT: 14.028 min Scan# 18
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:165 Resp: 6122

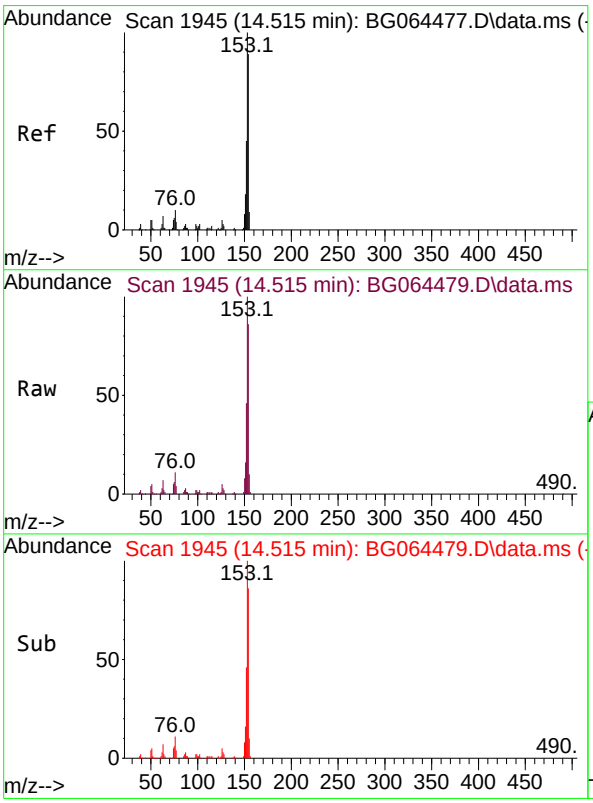
Ion	Ratio	Lower	Upper
165	100		
63	73.4	63.9	95.9
89	68.1	56.1	84.1



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

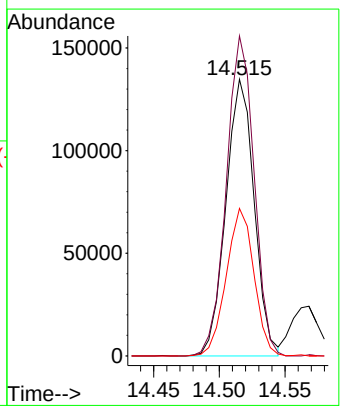
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

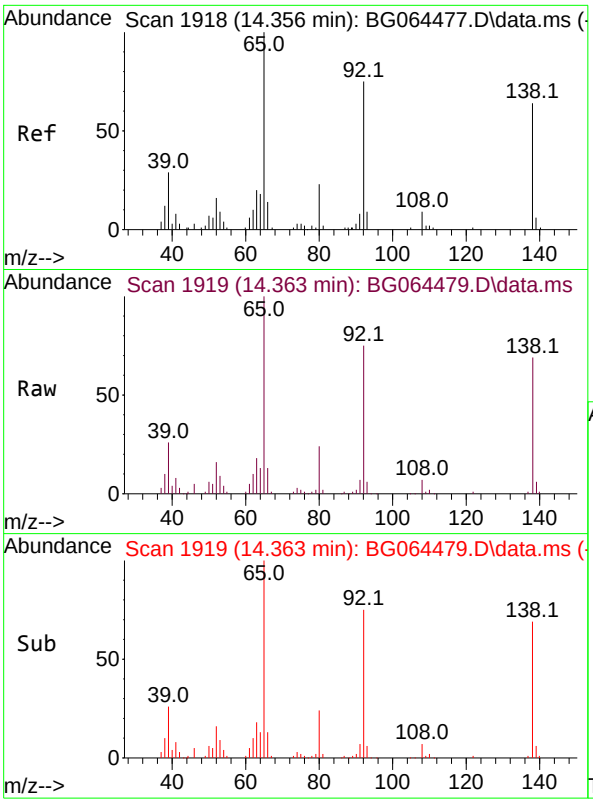


#52
Acenaphthene
Concen: 61.643 ng
RT: 14.515 min Scan# 1945
Delta R.T. 0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:154 Resp: 202179

Ion	Ratio	Lower	Upper
154	100		
153	115.7	90.2	135.4
152	53.3	40.2	60.4

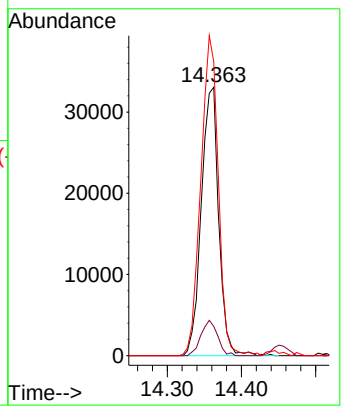




#53
3-Nitroaniline
Concen: 60.440 ng
RT: 14.363 min Scan# 19
Delta R.T. 0.014 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:138 Resp: 5385

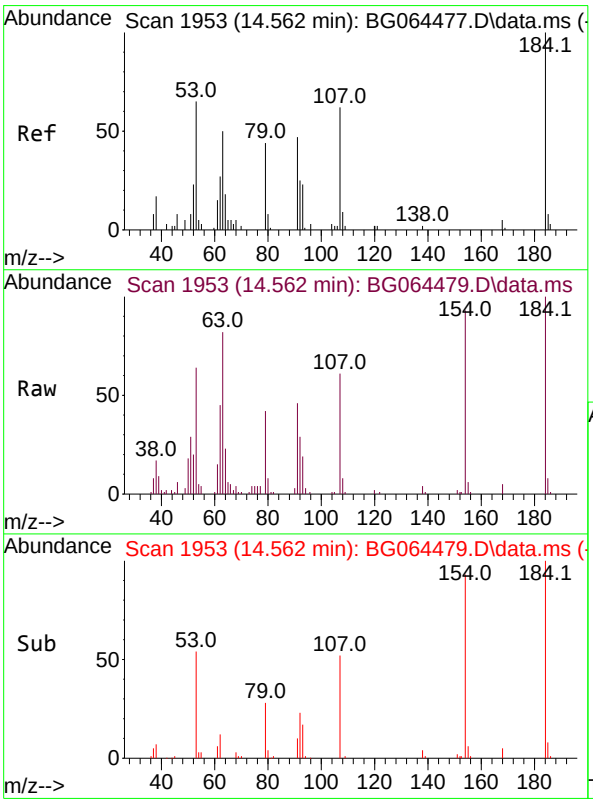
Ion	Ratio	Lower	Upper
138	100		
108	10.9	10.6	15.8
92	109.4	93.2	139.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

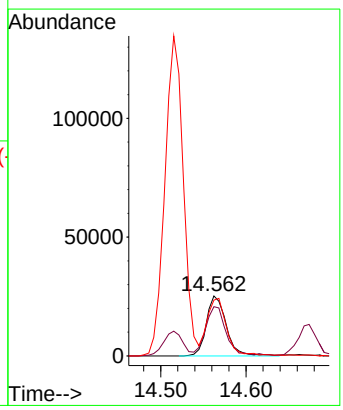
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

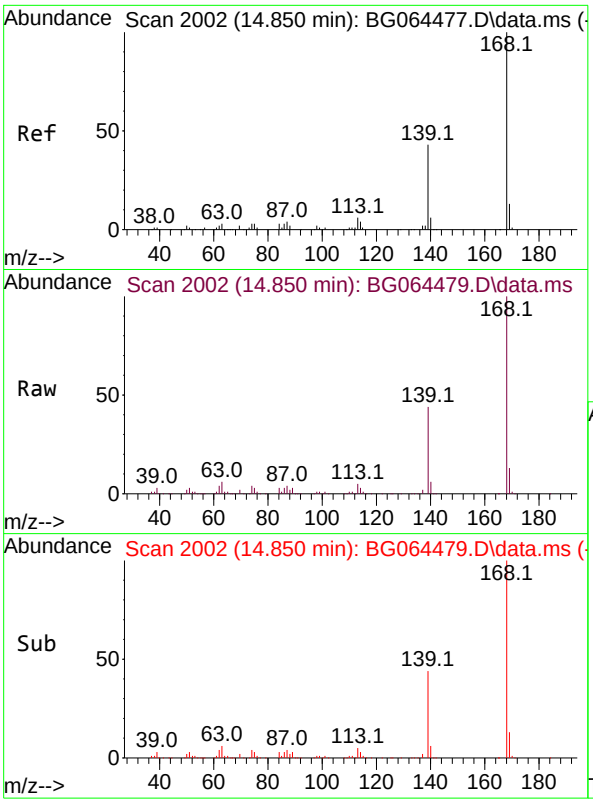


#54
2,4-Dinitrophenol
Concen: 58.053 ng
RT: 14.562 min Scan# 1953
Delta R.T. -0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:184 Resp: 40673

Ion	Ratio	Lower	Upper
184	100		
63	82.0	69.0	103.4
154	93.0	95.6	143.4#

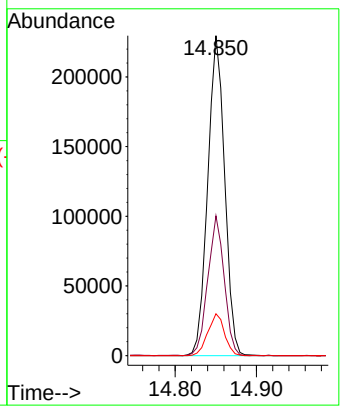




#55
Dibenzofuran
Concen: 61.429 ng
RT: 14.850 min Scan# 2
Delta R.T. 0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:168 Resp: 33266

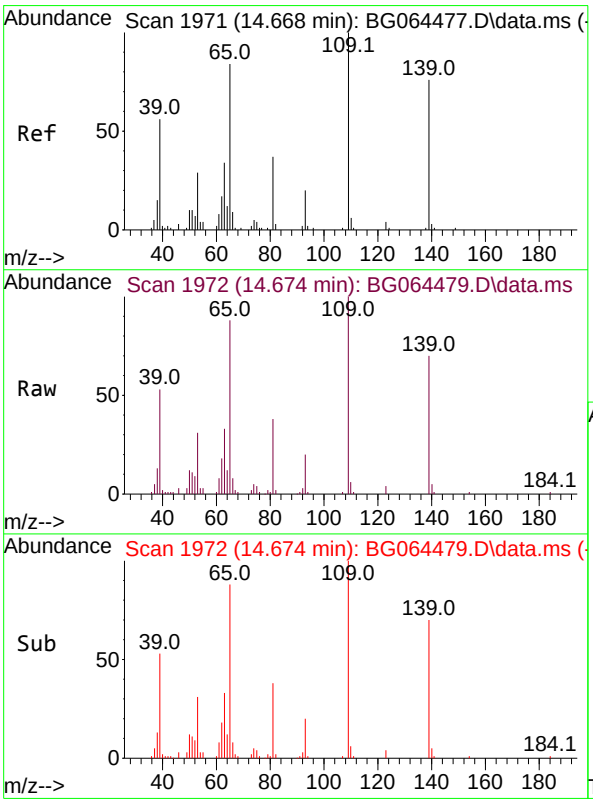
Ion	Ratio	Lower	Upper
168	100		
139	43.7	34.0	51.0
169	13.1	10.2	15.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

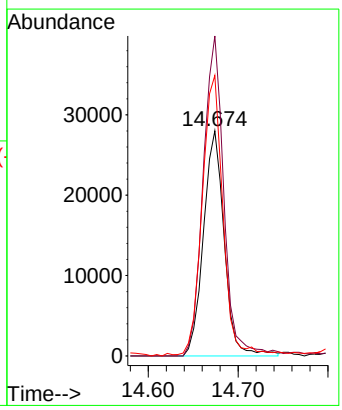
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

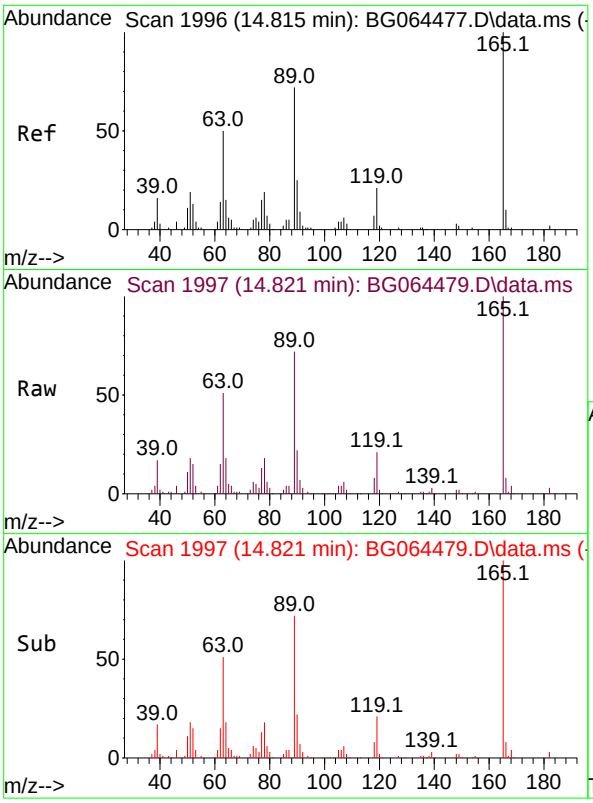


#56
4-Nitrophenol
Concen: 64.107 ng
RT: 14.674 min Scan# 1972
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:139 Resp: 44975

Ion	Ratio	Lower	Upper
139	100		
109	142.2	111.8	151.8
65	124.7	91.1	131.1

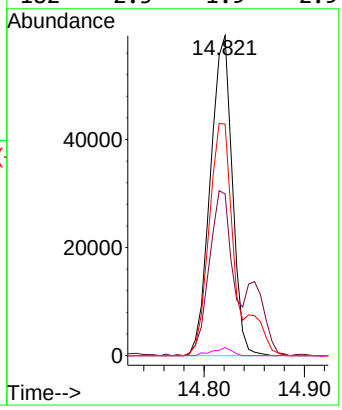




#57
2,4-Dinitrotoluene
Concen: 60.873 ng
RT: 14.821 min Scan# 19
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:165 Resp: 8991

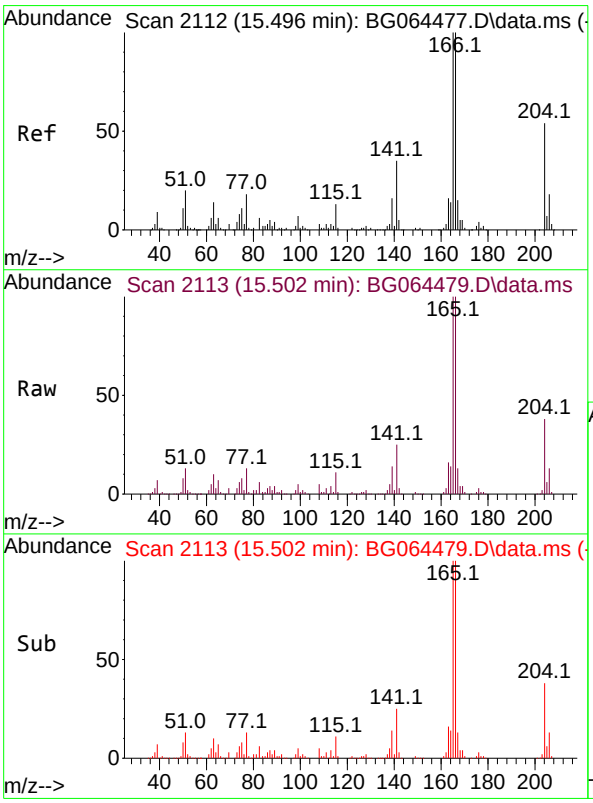
Ion	Ratio	Lower	Upper
165	100		
63	50.5	40.4	60.6
89	72.3	57.3	85.9
182	2.5	1.9	2.9



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

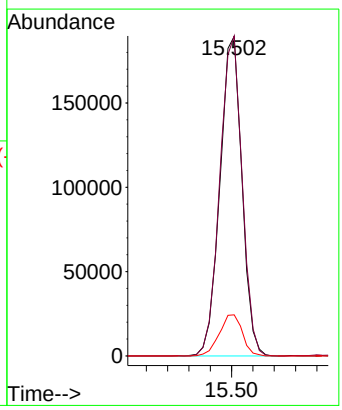
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

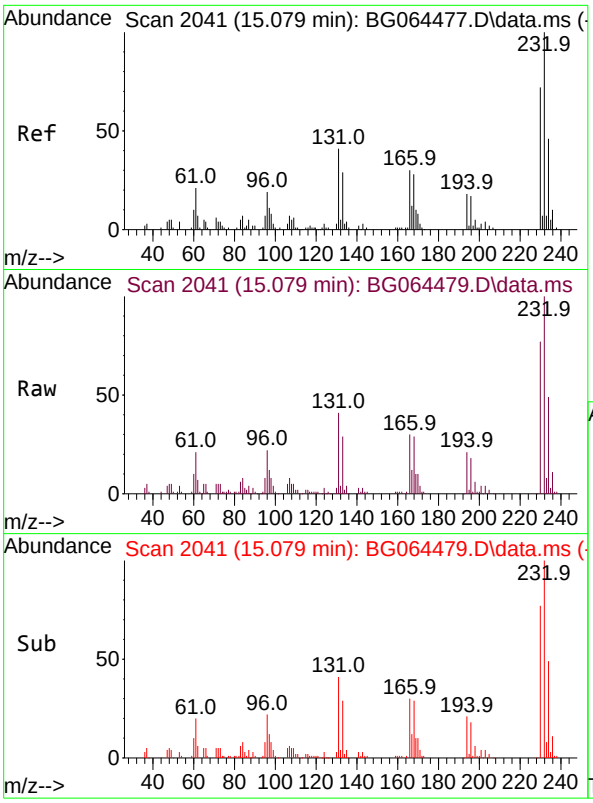


#58
Fluorene
Concen: 60.439 ng
RT: 15.502 min Scan# 2113
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:166 Resp: 272106

Ion	Ratio	Lower	Upper
166	100		
165	100.2	79.8	119.6
167	12.8	11.7	17.5

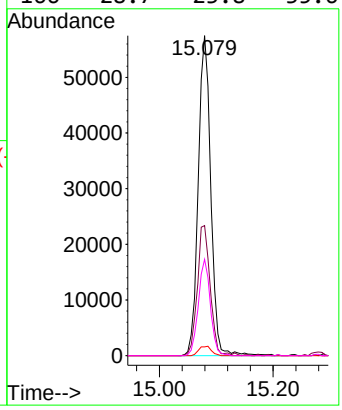




#59
2,3,4,6-Tetrachlorophenol
Concen: 62.984 ng
RT: 15.079 min Scan# 20
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:232 Resp: 8772

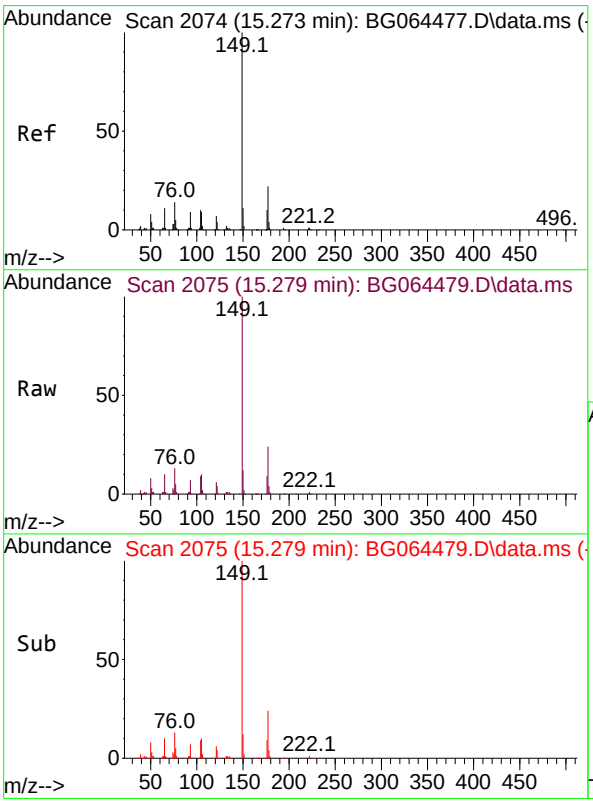
Ion	Ratio	Lower	Upper
232	100		
131	41.8	35.0	52.4
130	3.0	2.0	3.0
166	28.7	23.8	35.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

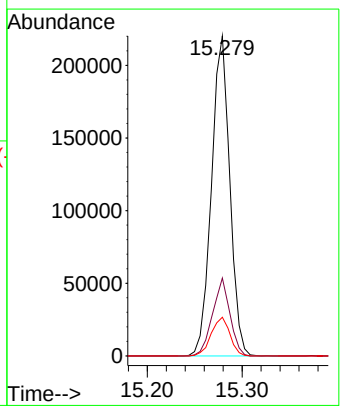
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

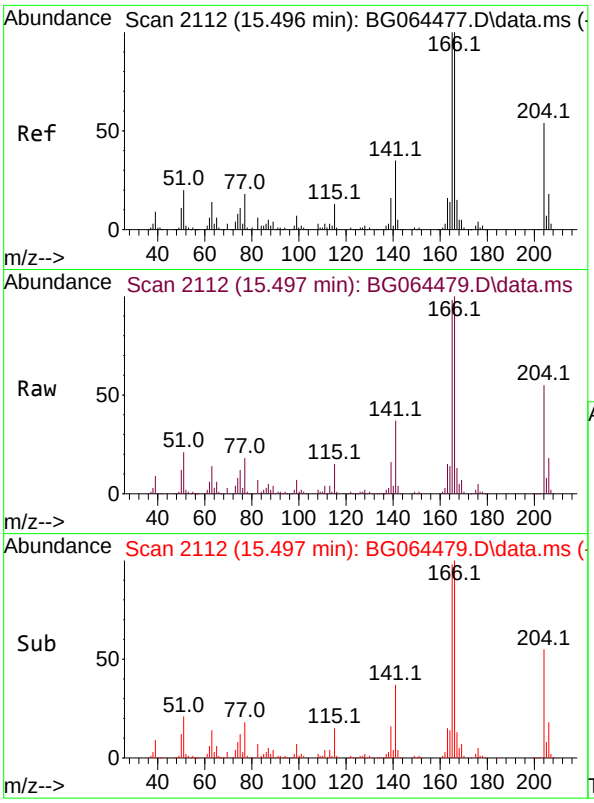


#60
Diethylphthalate
Concen: 59.367 ng
RT: 15.279 min Scan# 2075
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:149 Resp: 295396

Ion	Ratio	Lower	Upper
149	100		
177	24.3	17.4	26.0
150	12.1	9.1	13.7

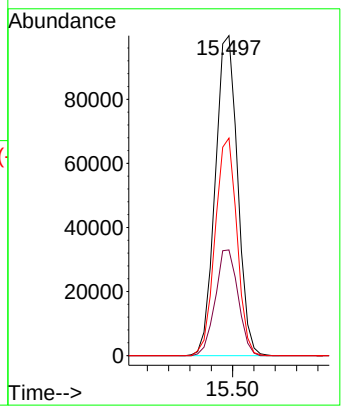




#61
4-Chlorophenyl-phenylether
Concen: 59.213 ng
RT: 15.497 min Scan# 21
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:204 Resp: 14554

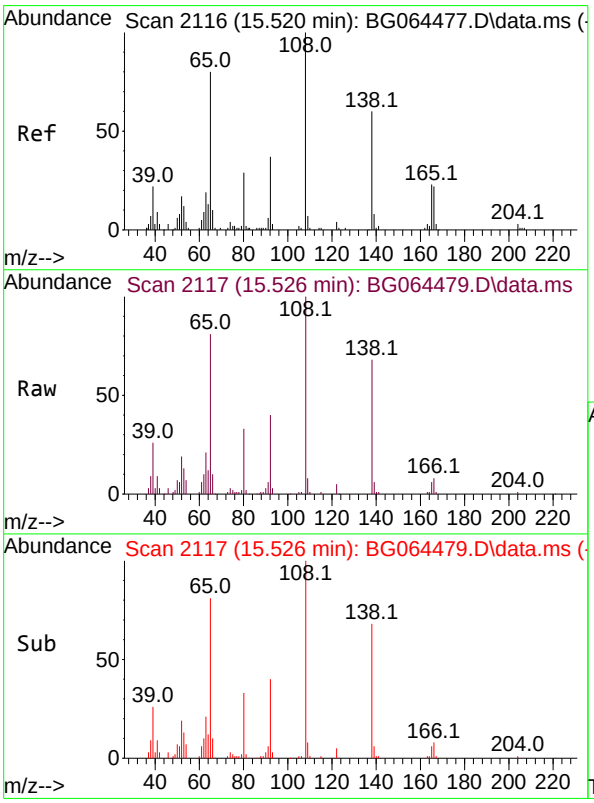
Ion	Ratio	Lower	Upper
204	100		
206	33.0	27.1	40.7
141	68.0	51.5	77.3



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

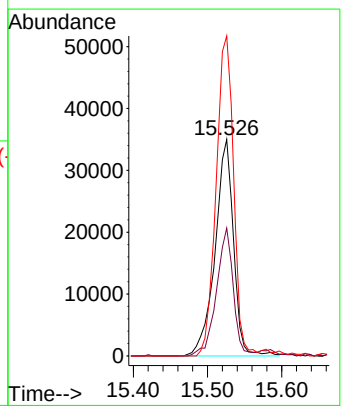
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

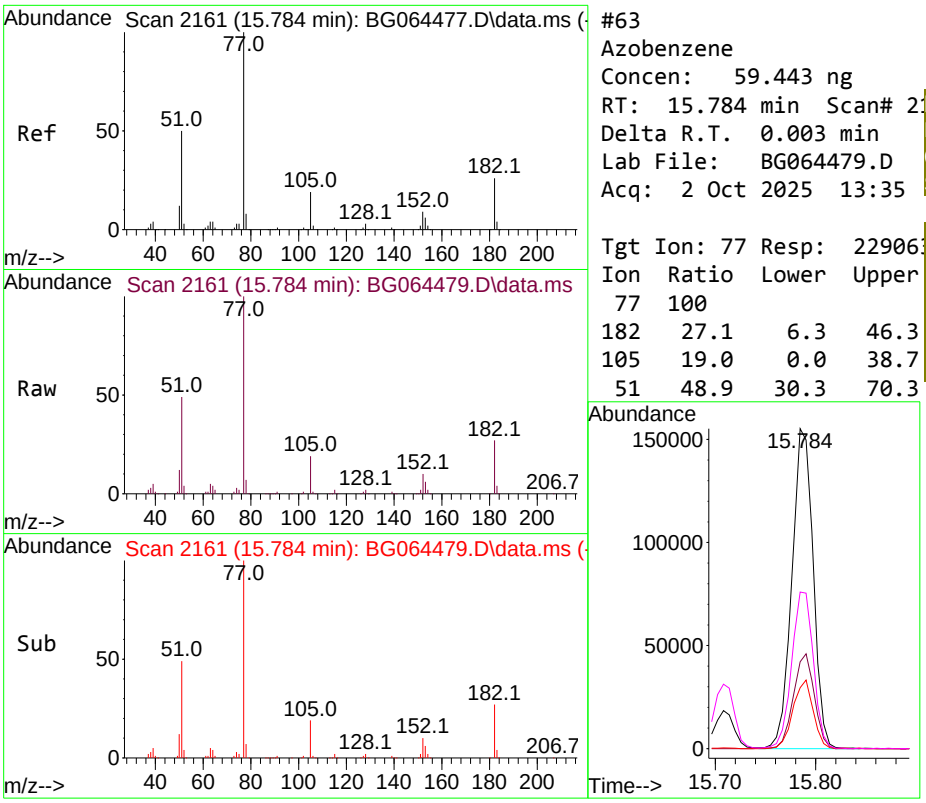


#62
4-Nitroaniline
Concen: 65.117 ng
RT: 15.526 min Scan# 2117
Delta R.T. 0.014 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:138 Resp: 60477

Ion	Ratio	Lower	Upper
138	100		
92	59.0	42.3	82.3
108	147.9	147.7	187.7





#63
Azobenzene
Concen: 59.443 ng
RT: 15.784 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

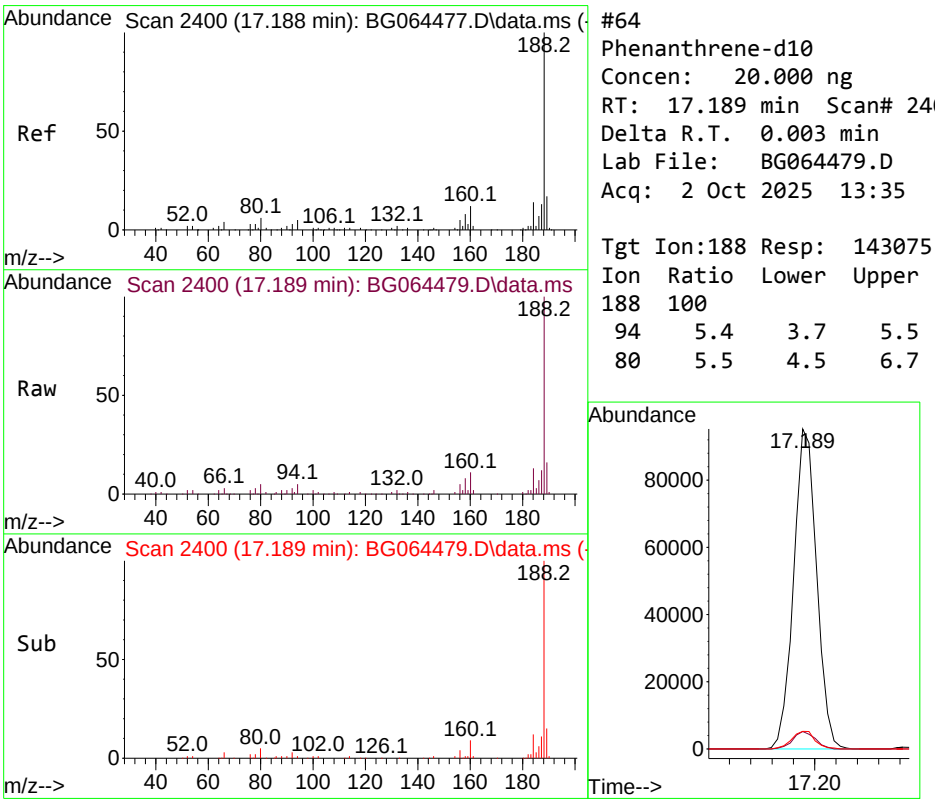
Tgt Ion: 77 Resp: 22906

Ion	Ratio	Lower	Upper
77	100		
182	27.1	6.3	46.3
105	19.0	0.0	38.7
51	48.9	30.3	70.3

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

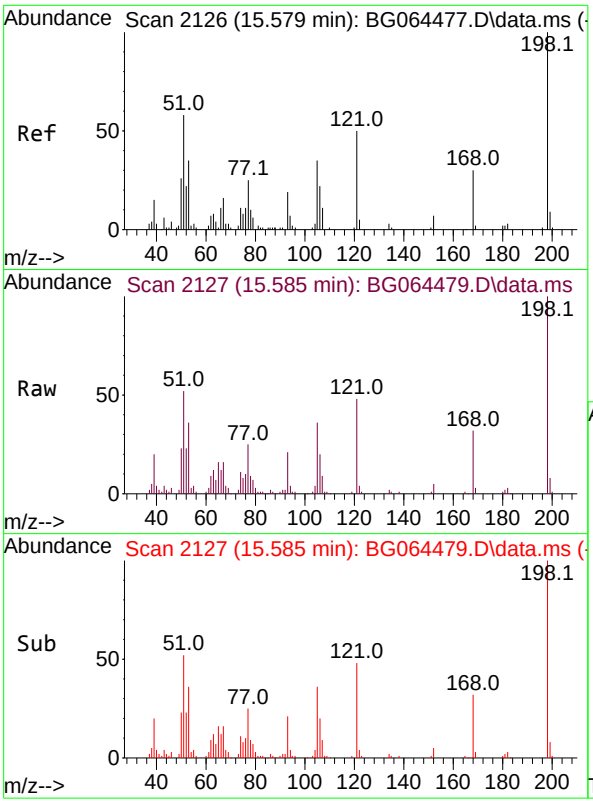
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2400
Delta R.T. 0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:188 Resp: 143075

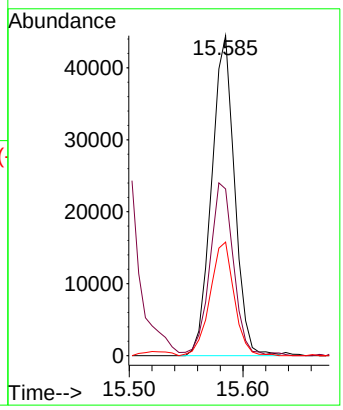
Ion	Ratio	Lower	Upper
188	100		
94	5.4	3.7	5.5
80	5.5	4.5	6.7



#65
4,6-Dinitro-2-methylphenol
Concen: 62.533 ng
RT: 15.585 min Scan# 21
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:198 Resp: 6229

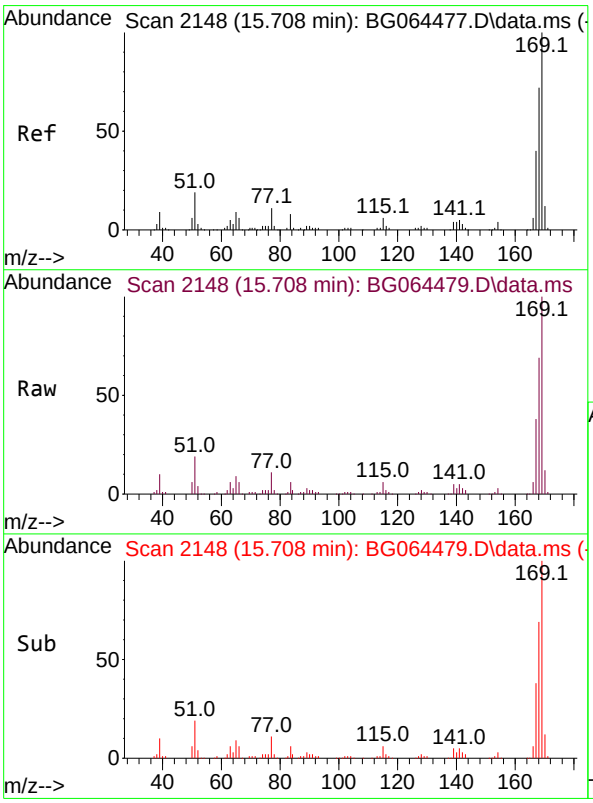
Ion	Ratio	Lower	Upper
198	100		
51	52.1	39.0	79.0
105	35.5	15.8	55.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

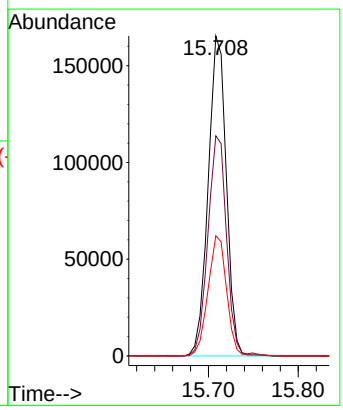
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

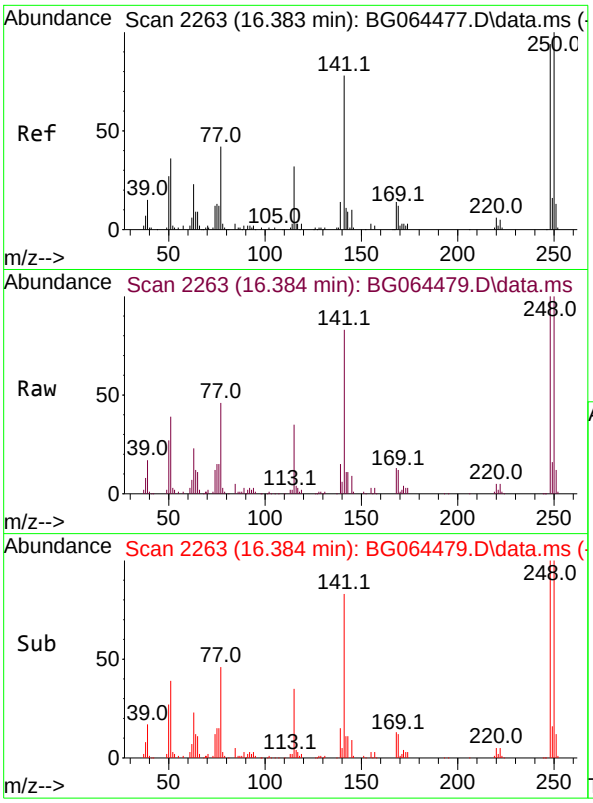


#66
n-Nitrosodiphenylamine
Concen: 60.822 ng
RT: 15.708 min Scan# 2148
Delta R.T. 0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:169 Resp: 232383

Ion	Ratio	Lower	Upper
169	100		
168	68.8	57.8	86.6
167	37.5	31.7	47.5

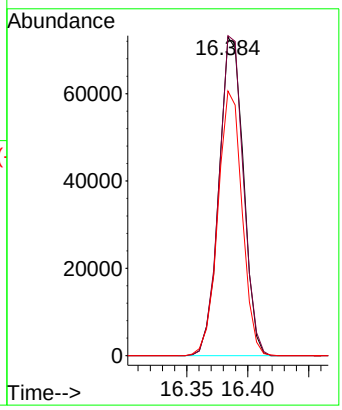




#67
4-Bromophenyl-phenylether
Concen: 60.380 ng
RT: 16.384 min Scan# 2
Delta R.T. 0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:248 Resp: 10165

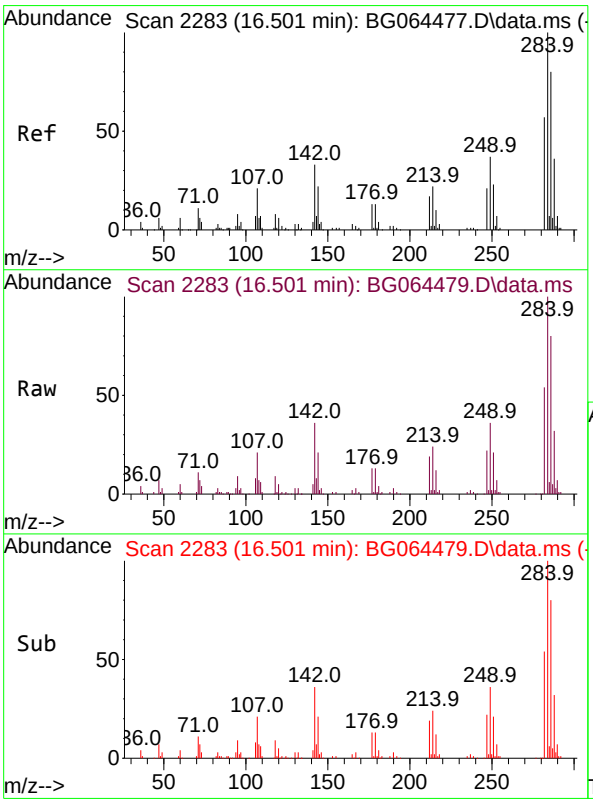
Ion	Ratio	Lower	Upper
248	100		
250	100.5	85.3	127.9
141	83.1	66.2	99.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

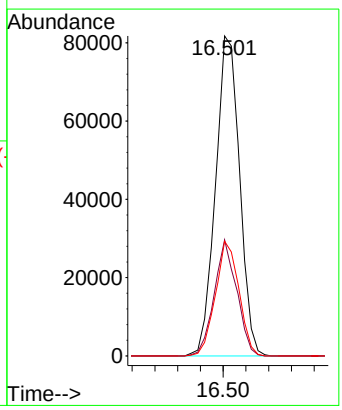
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

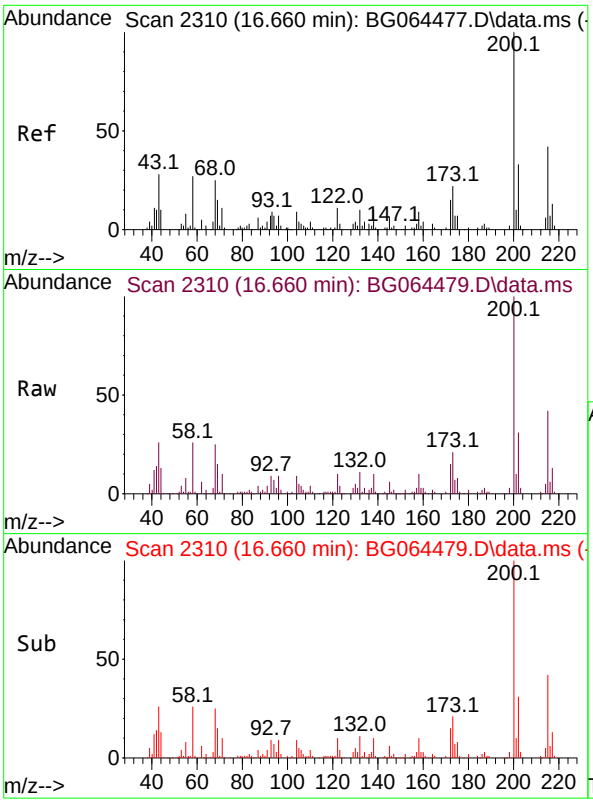


#68
Hexachlorobenzene
Concen: 62.318 ng
RT: 16.501 min Scan# 2283
Delta R.T. 0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:284 Resp: 120060

Ion	Ratio	Lower	Upper
284	100		
142	36.3	26.2	39.2
249	35.8	29.4	44.0

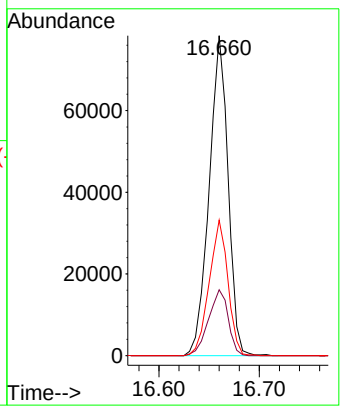




#69
Atrazine
Concen: 60.299 ng
RT: 16.660 min Scan# 2
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:200 Resp: 10249

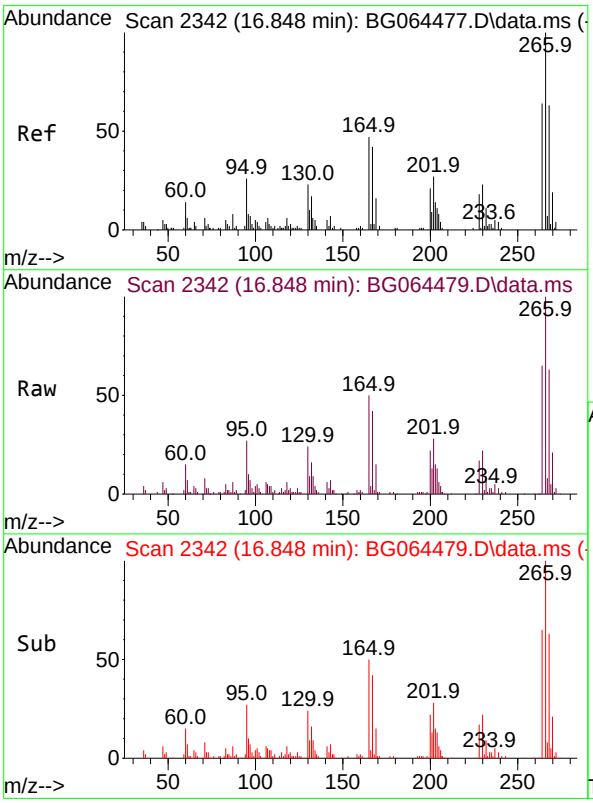
Ion	Ratio	Lower	Upper
200	100		
173	20.6	2.5	42.5
215	42.3	21.5	61.5



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

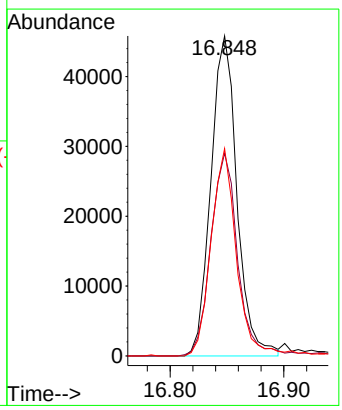
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

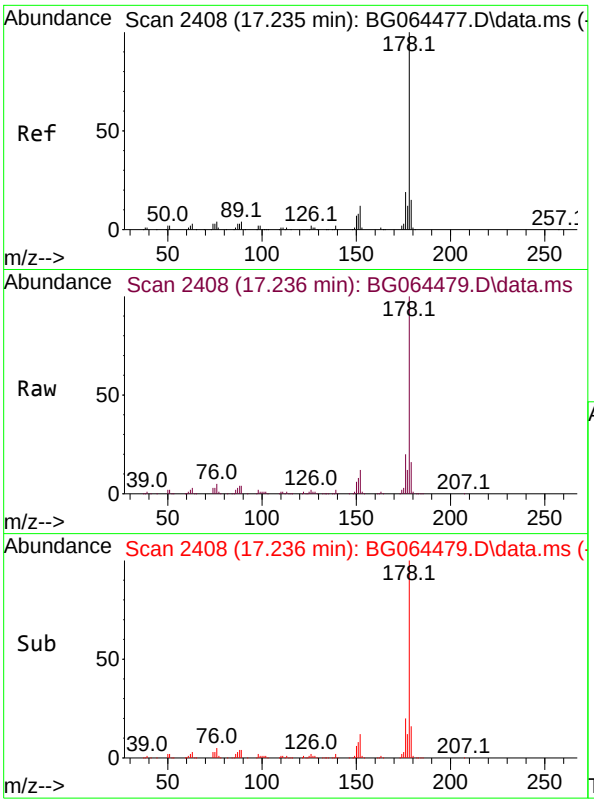


#70
Pentachlorophenol
Concen: 64.730 ng
RT: 16.848 min Scan# 2342
Delta R.T. 0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:266 Resp: 72916

Ion	Ratio	Lower	Upper
266	100		
268	63.3	50.6	75.8
264	64.8	51.2	76.8

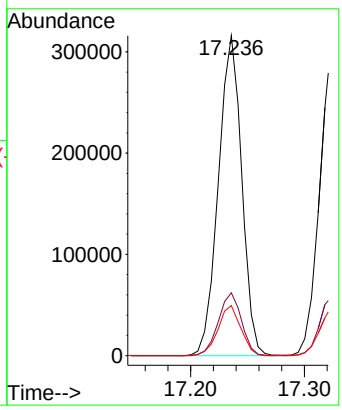




#71
Phenanthrene
Concen: 60.221 ng
RT: 17.236 min Scan# 24
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:178 Resp: 45058

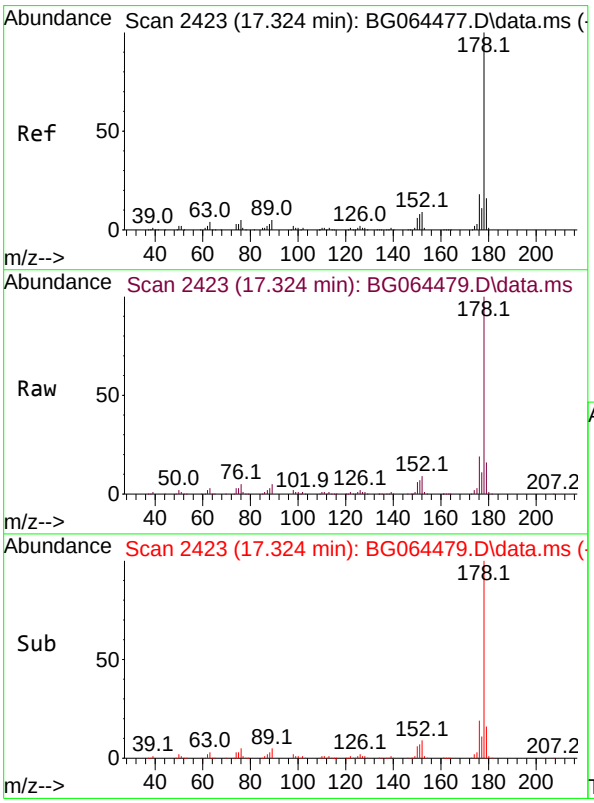
Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.2	22.8
179	15.6	11.8	17.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

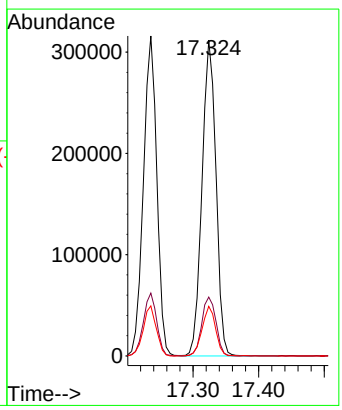
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

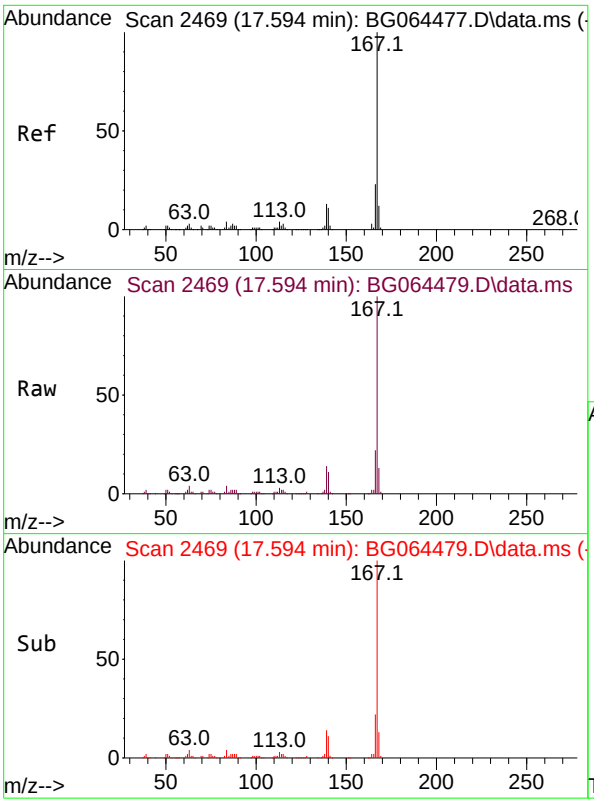


#72
Anthracene
Concen: 61.100 ng
RT: 17.324 min Scan# 2423
Delta R.T. 0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:178 Resp: 458626

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	21.8
179	15.7	12.5	18.7





#73
Carbazole
Concen: 60.961 ng
RT: 17.594 min Scan# 24
Delta R.T. 0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

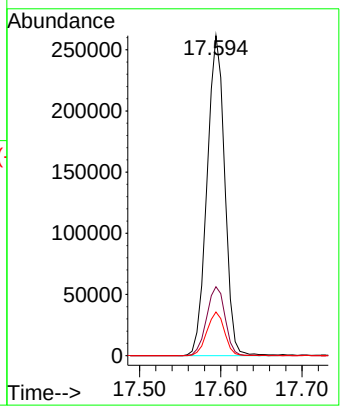
Tgt Ion:167 Resp: 39552

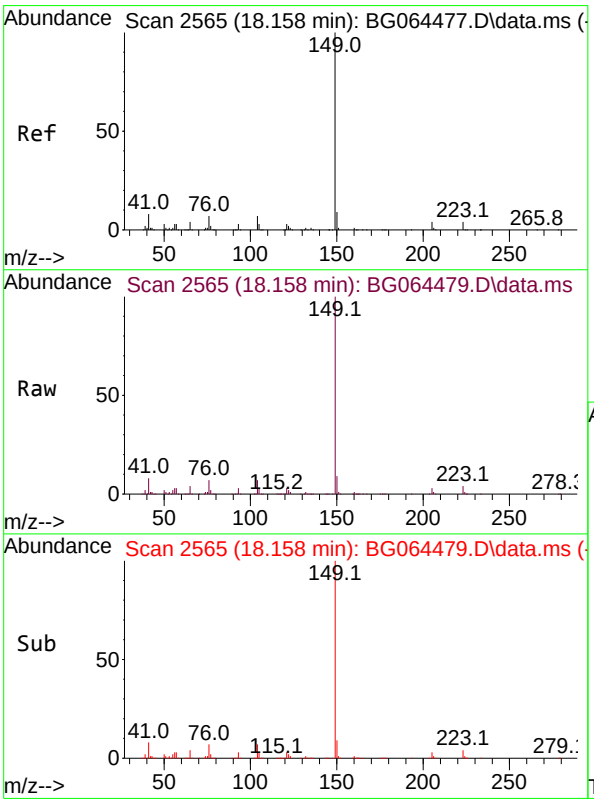
Ion	Ratio	Lower	Upper
167	100		
166	21.5	18.6	27.8
139	13.6	10.2	15.4

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

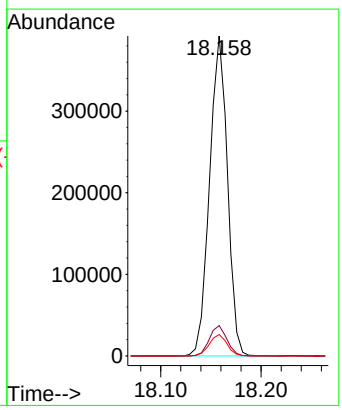


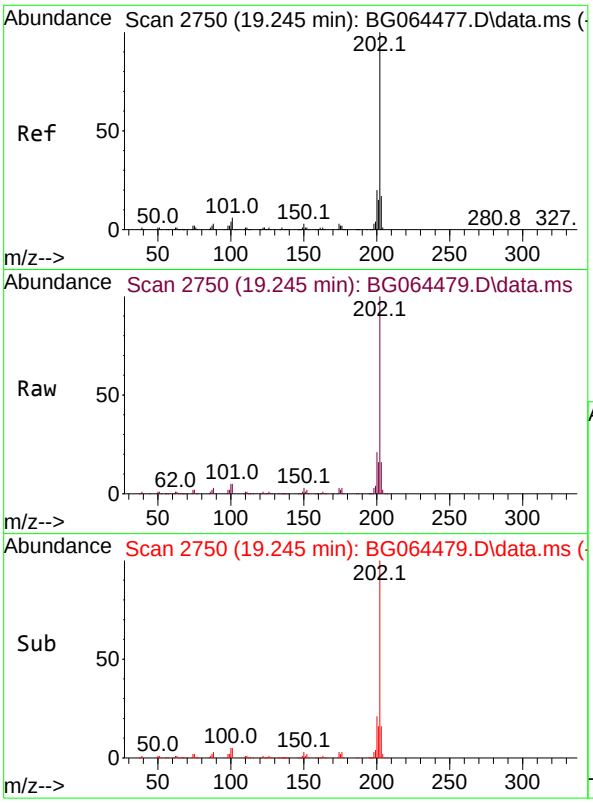


#74
Di-n-butylphthalate
Concen: 61.267 ng
RT: 18.158 min Scan# 2565
Delta R.T. 0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:149 Resp: 485256

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.4	11.2
104	6.7	5.3	7.9

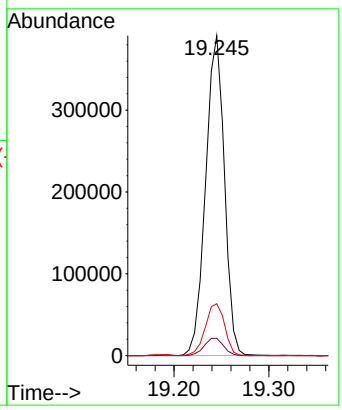




#75
Fluoranthene
Concen: 60.154 ng
RT: 19.245 min Scan# 2
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:202 Resp: 53769

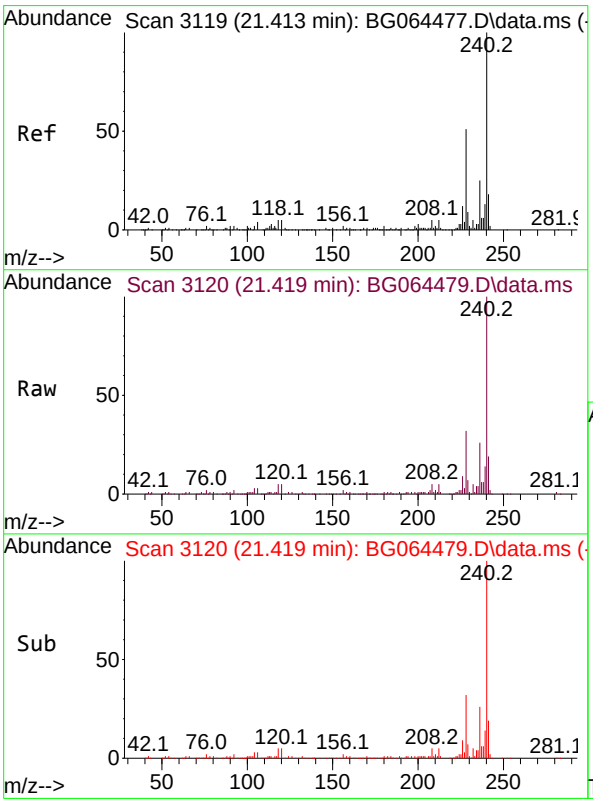
Ion	Ratio	Lower	Upper
202	100		
101	5.4	0.0	25.7
203	16.3	0.0	36.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

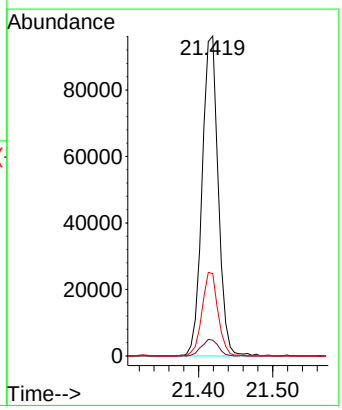
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

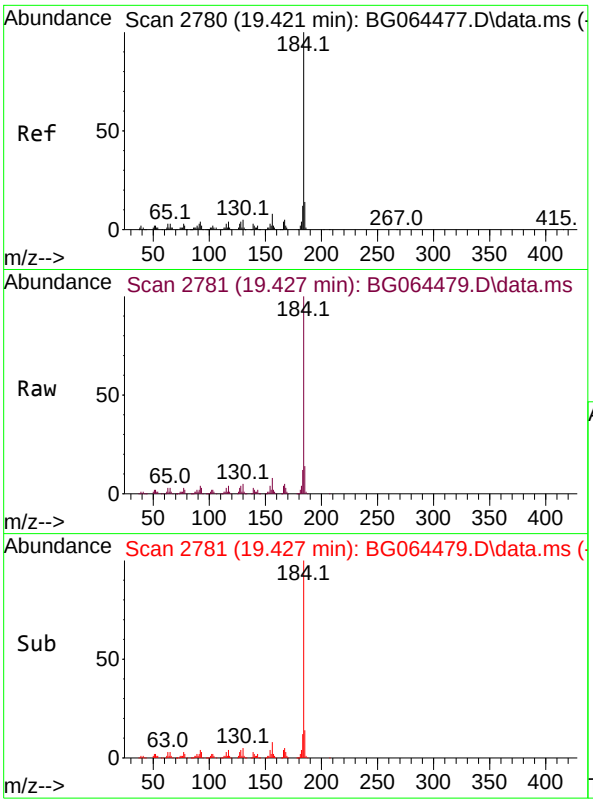


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.419 min Scan# 3120
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:240 Resp: 144920

Ion	Ratio	Lower	Upper
240	100		
120	4.9	4.3	6.5
236	25.7	20.4	30.6

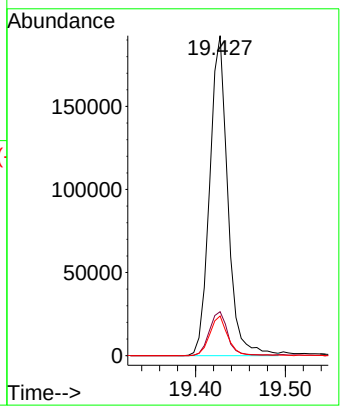




#77
Benzidine
Concen: 74.880 ng
RT: 19.427 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:184 Resp: 27002

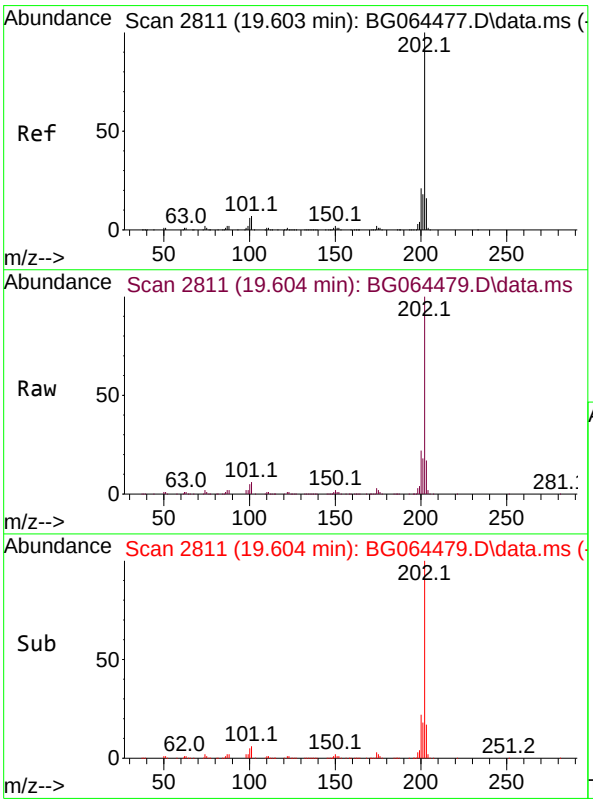
Ion	Ratio	Lower	Upper
184	100		
185	13.7	10.9	16.3
183	12.4	9.8	14.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

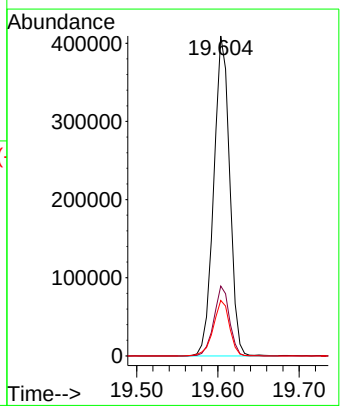
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

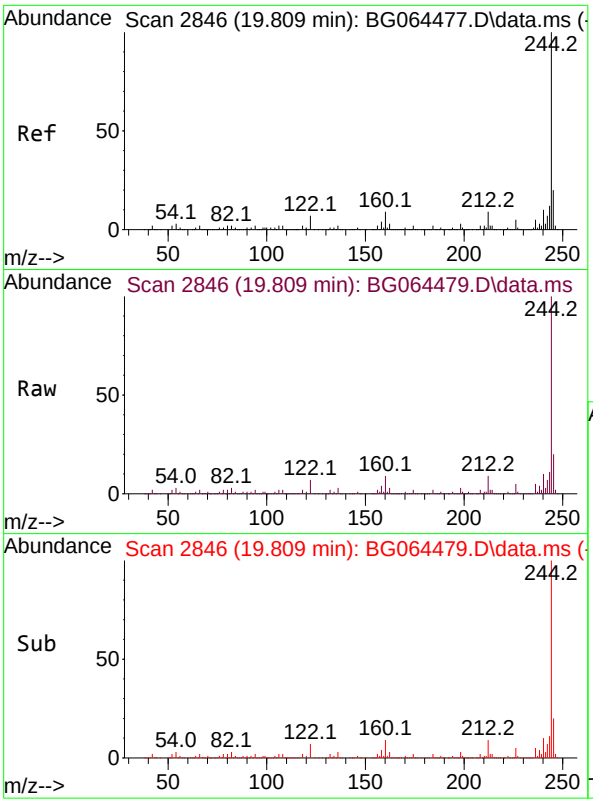


#78
Pyrene
Concen: 59.207 ng
RT: 19.604 min Scan# 2811
Delta R.T. 0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:202 Resp: 556837

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.0	25.4
203	17.3	13.0	19.4

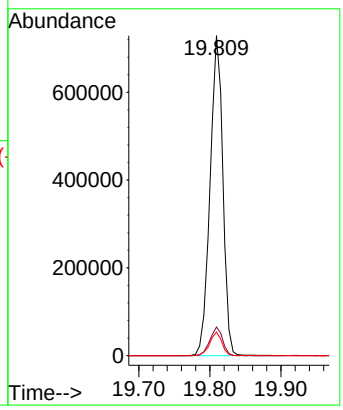




#79
Terphenyl-d14
Concen: 118.598 ng
RT: 19.809 min Scan# 28
Delta R.T. 0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:244 Resp: 90817

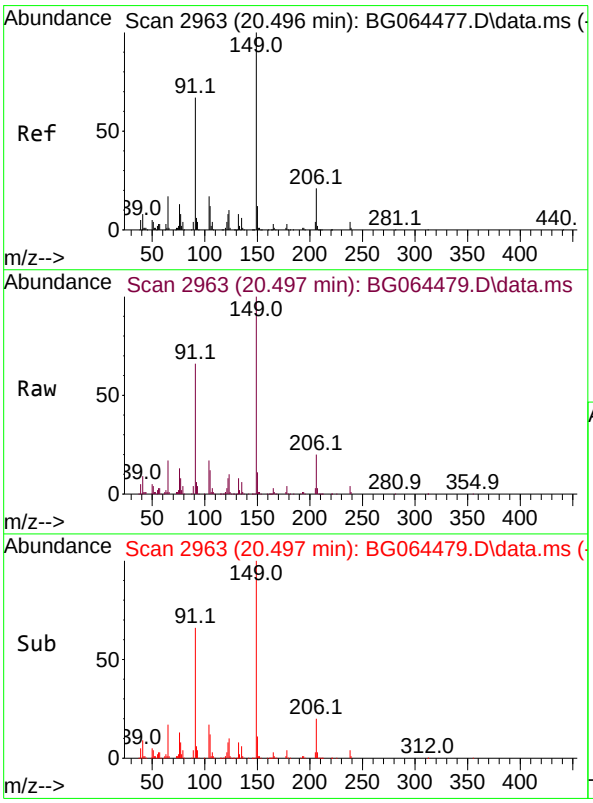
Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	7.4	5.6	8.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

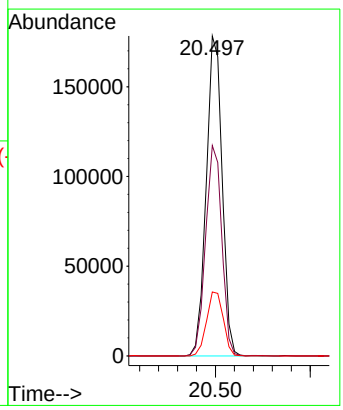
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

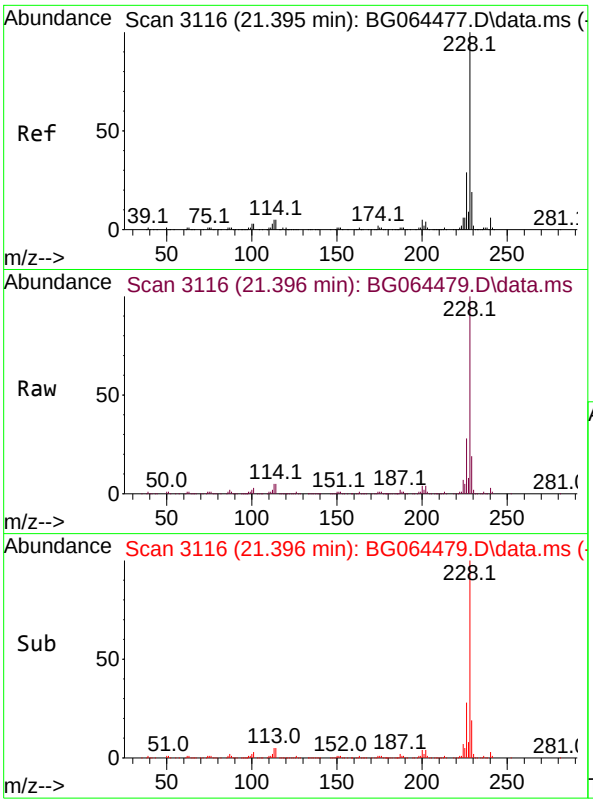


#80
Butylbenzylphthalate
Concen: 62.426 ng
RT: 20.497 min Scan# 2963
Delta R.T. -0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:149 Resp: 208125

Ion	Ratio	Lower	Upper
149	100		
91	65.7	53.7	80.5
206	20.0	16.6	24.8

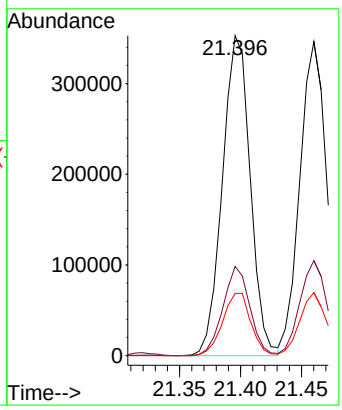




#81
Benzo(a)anthracene
Concen: 60.676 ng
RT: 21.396 min Scan# 3
Delta R.T. 0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:228 Resp: 56145

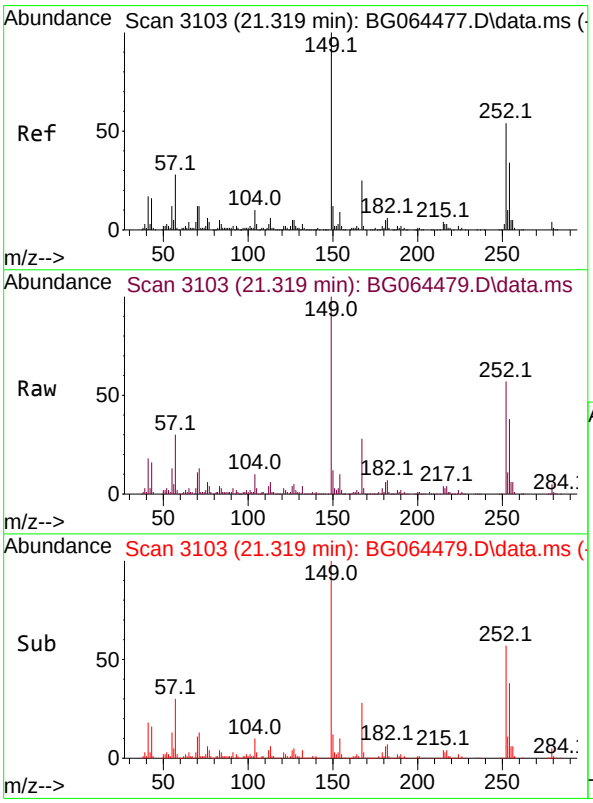
Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.8	34.2
229	19.4	15.2	22.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

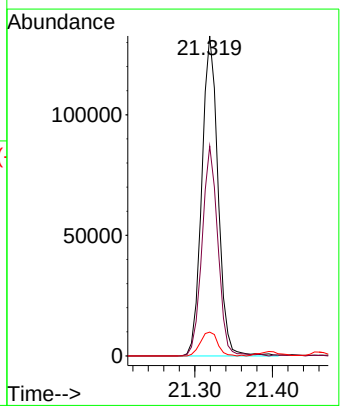
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

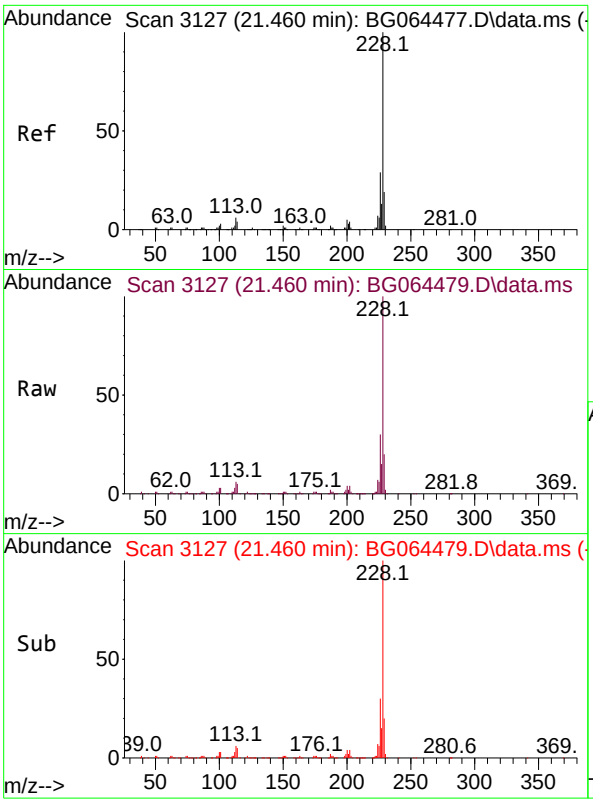


#82
3,3'-Dichlorobenzidine
Concen: 61.540 ng
RT: 21.319 min Scan# 3103
Delta R.T. 0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:252 Resp: 192733

Ion	Ratio	Lower	Upper
252	100		
254	65.6	50.5	75.7
126	7.4	7.1	10.7

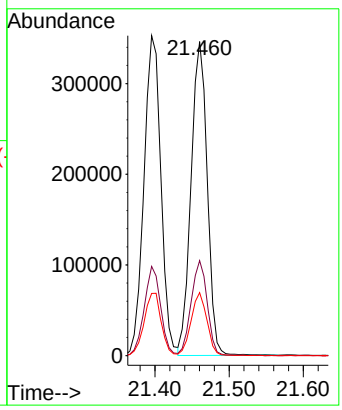




#83
Chrysene
Concen: 59.928 ng
RT: 21.460 min Scan# 3
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:228 Resp: 52589

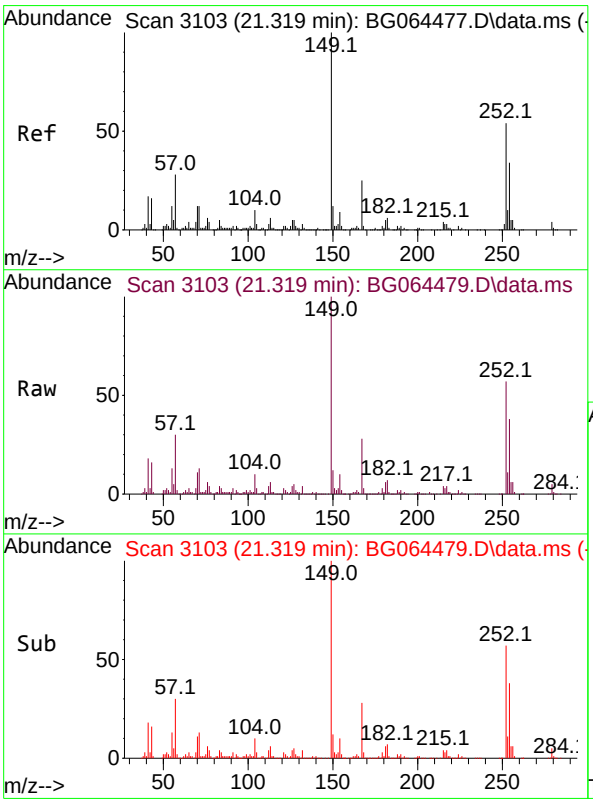
Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.8	34.2
229	20.0	15.4	23.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

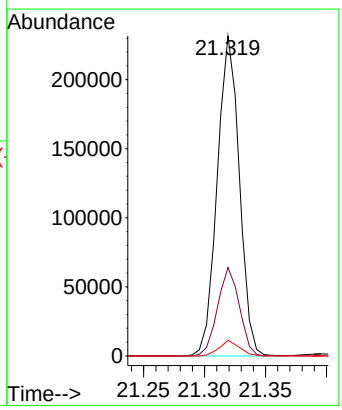
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

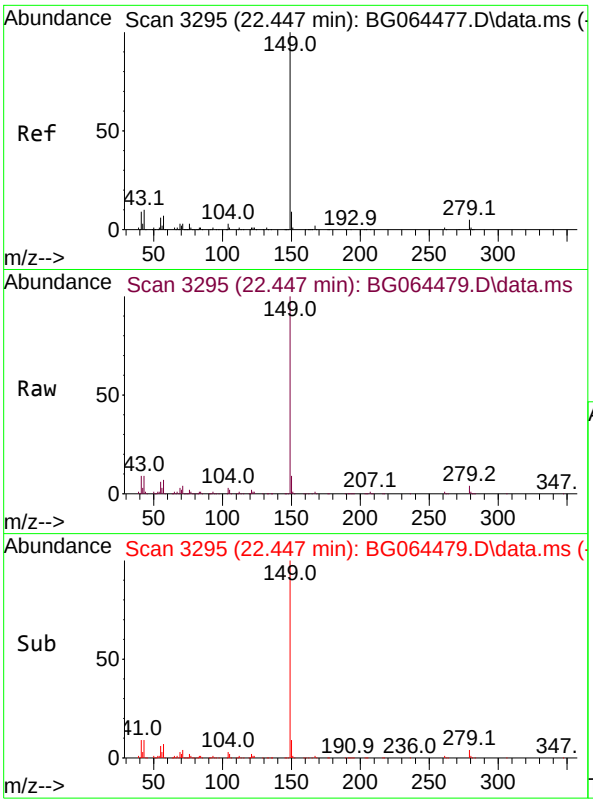


#84
Bis(2-ethylhexyl)phthalate
Concen: 61.932 ng
RT: 21.319 min Scan# 3103
Delta R.T. 0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:149 Resp: 291329

Ion	Ratio	Lower	Upper
149	100		
167	27.6	19.7	29.5
279	4.9	3.4	5.2

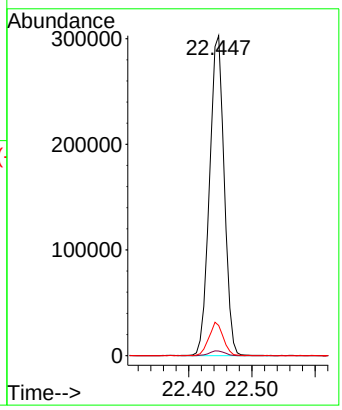




#85
Di-n-octyl phthalate
Concen: 61.881 ng
RT: 22.447 min Scan# 3
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:149 Resp: 48922

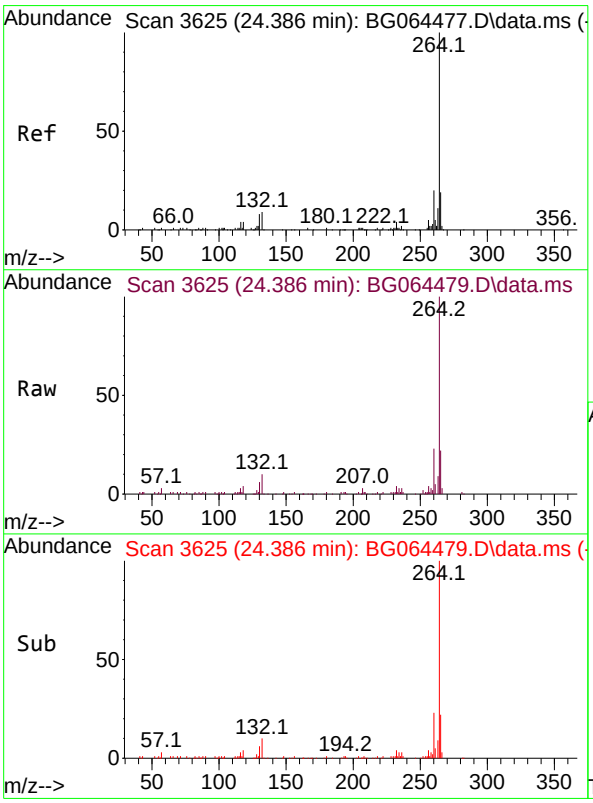
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.4	2.0
43	10.2	7.9	11.9



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

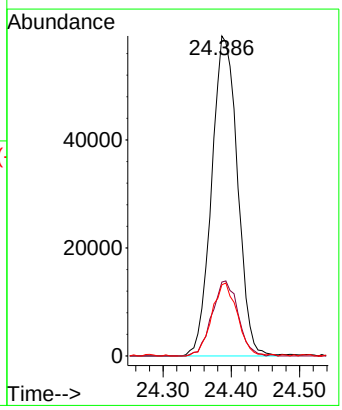
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

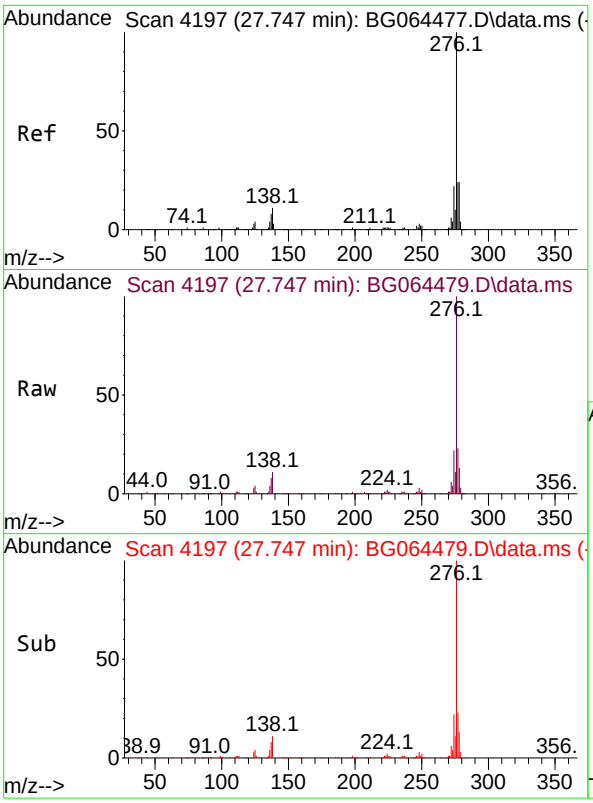


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.386 min Scan# 3625
Delta R.T. -0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:264 Resp: 155027

Ion	Ratio	Lower	Upper
264	100		
260	23.1	16.2	24.4
265	22.3	15.0	22.4

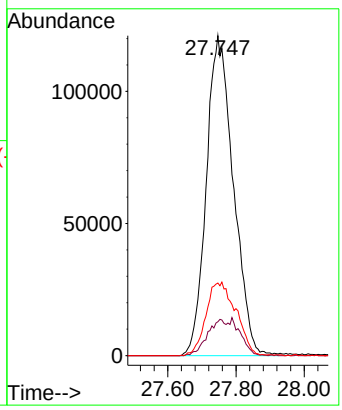




#87
Indeno(1,2,3-cd)pyrene
Concen: 61.679 ng
RT: 27.747 min Scan# 41
Delta R.T. 0.015 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:276 Resp: 665573

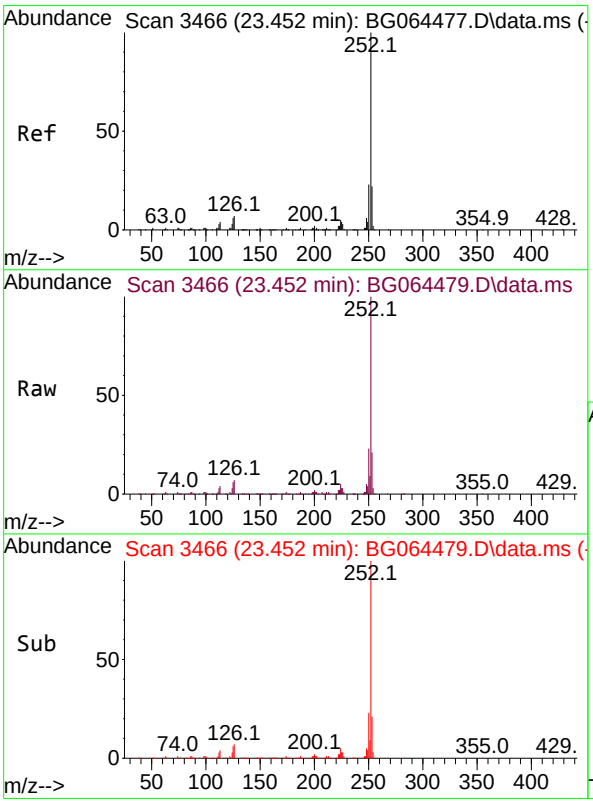
Ion	Ratio	Lower	Upper
276	100		
138	7.6	10.8	16.2#
277	25.4	20.3	30.5



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

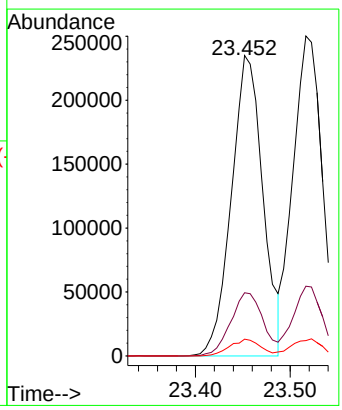
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

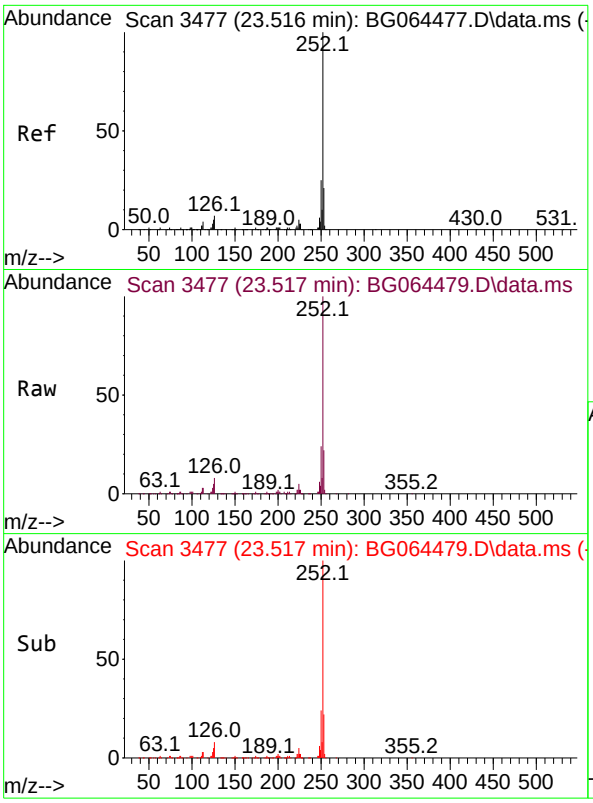


#88
Benzo(b)fluoranthene
Concen: 61.635 ng
RT: 23.452 min Scan# 3466
Delta R.T. 0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:252 Resp: 543592

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.5	26.3
125	5.6	4.5	6.7

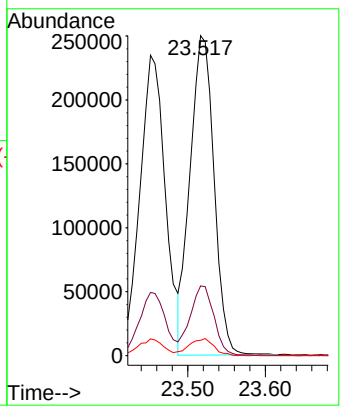




#89
Benzo(k)fluoranthene
Concen: 60.551 ng
RT: 23.517 min Scan# 34
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:252 Resp: 537854

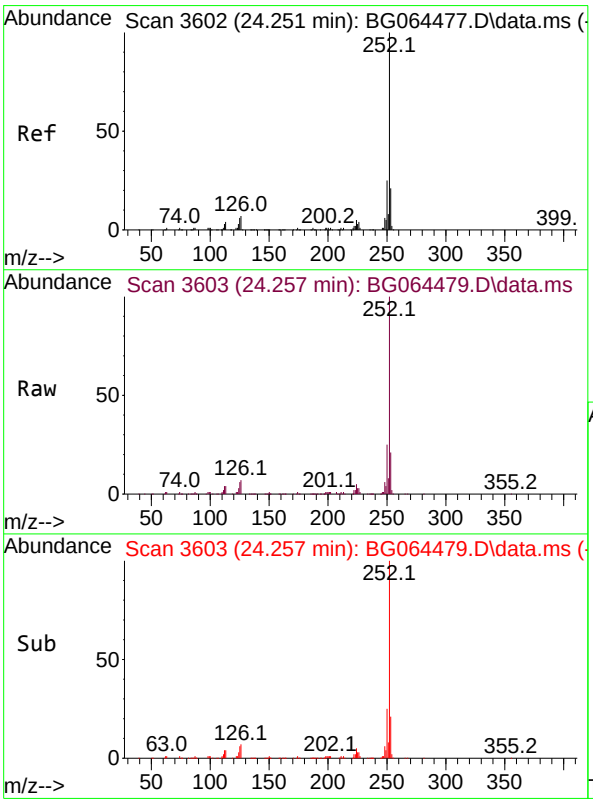
Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	4.8	4.0	6.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

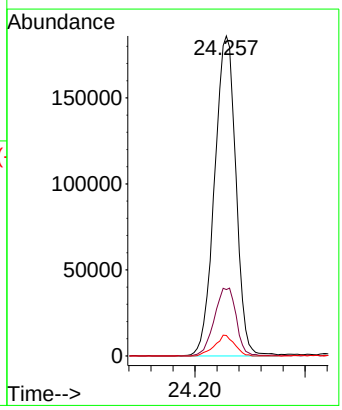
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

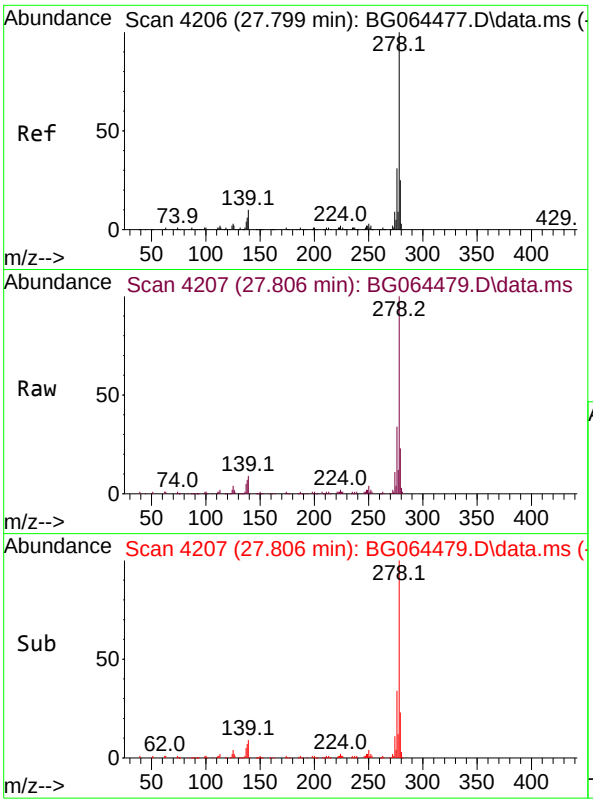


#90
Benzo(a)pyrene
Concen: 61.533 ng
RT: 24.257 min Scan# 3603
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:252 Resp: 500159

Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.1	25.7
125	6.4	4.6	6.8

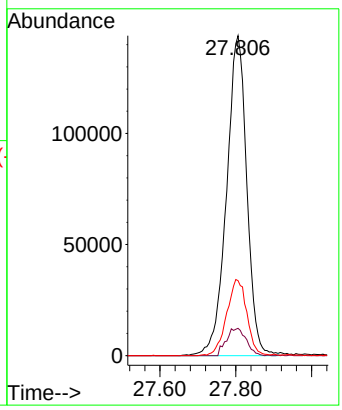




#91
Dibenzo(a,h)anthracene
Concen: 62.043 ng
RT: 27.806 min Scan# 4
Delta R.T. 0.026 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:278 Resp: 535408

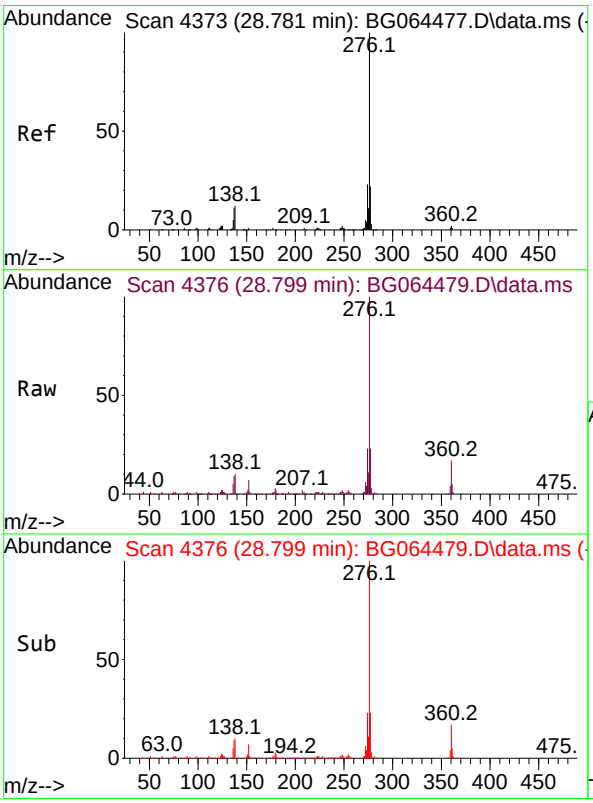
Ion	Ratio	Lower	Upper
278	100		
139	8.6	8.2	12.2
279	23.4	19.6	29.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

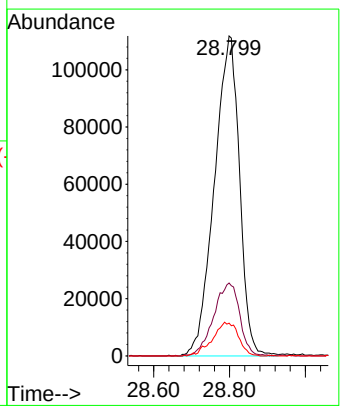
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#92
Benzo(g,h,i)perylene
Concen: 61.207 ng
RT: 28.799 min Scan# 4376
Delta R.T. 0.032 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:276 Resp: 513293

Ion	Ratio	Lower	Upper
276	100		
277	22.8	17.8	26.6
138	10.2	9.4	14.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
Data File : BG064480.D
Acq On : 2 Oct 2025 14:16
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 02 16:53:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.825	152	22534	20.000	ng		0.00
21) Naphthalene-d8	10.610	136	94569	20.000	ng		0.00
39) Acenaphthene-d10	14.453	164	72073	20.000	ng		0.00
64) Phenanthrene-d10	17.191	188	168856	20.000	ng		0.00
76) Chrysene-d12	21.415	240	171497	20.000	ng		0.00
86) Perylene-d12	24.394	264	185893	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	189884	155.949	ng		0.01
7) Phenol-d6	7.009	99	250763	153.254	ng		0.02
23) Nitrobenzene-d5	8.989	82	279078	158.678	ng		0.02
42) 2,4,6-Tribromophenol	15.945	330	200950	153.817	ng		0.01
45) 2-Fluorobiphenyl	13.078	172	755535	154.518	ng		0.01
79) Terphenyl-d14	19.811	244	1375899	151.833	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.325	88	34310	71.240	ng		94
3) Pyridine	3.718	79	97843	75.592	ng		93
4) n-Nitrosodimethylamine	3.636	42	73356	78.177	ng		92
6) Aniline	7.161	93	155867	75.518	ng		98
8) 2-Chlorophenol	7.396	128	114558	76.619	ng		98
9) Benzaldehyde	6.968	77	93496	64.370	ng		96
10) Phenol	7.032	94	134875	78.138	ng		97
11) bis(2-Chloroethyl)ether	7.255	93	89425	76.500	ng		98
12) 1,3-Dichlorobenzene	7.720	146	122844	75.107	ng		98
13) 1,4-Dichlorobenzene	7.861	146	124619	75.917	ng		97
14) 1,2-Dichlorobenzene	8.178	146	120364	74.398	ng		95
15) Benzyl Alcohol	8.066	79	118265	78.483	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.348	45	140388	74.507	ng		96
17) 2-Methylphenol	8.272	107	97064	77.657	ng		97
18) Hexachloroethane	8.901	117	49027	75.666	ng		90
19) n-Nitroso-di-n-propyla...	8.636	70	83485	76.290	ng		91
20) 3+4-Methylphenols	8.607	107	134638	77.191	ng		95
22) Acetophenone	8.648	105	183701	80.227	ng	#	98
24) Nitrobenzene	9.024	77	135264	77.123	ng		97
25) Isophorone	9.553	82	245935	77.188	ng		98
26) 2-Nitrophenol	9.729	139	68332	78.281	ng		93
27) 2,4-Dimethylphenol	9.794	122	106151	79.619	ng		95
28) bis(2-Chloroethoxy)met...	10.029	93	128813	79.313	ng		98
29) 2,4-Dichlorophenol	10.264	162	125552	81.436	ng		96
30) 1,2,4-Trichlorobenzene	10.481	180	131315	78.115	ng		94
31) Naphthalene	10.663	128	382573	78.560	ng		98
32) Benzoic acid	10.011	122	91798m	89.680	ng		
33) 4-Chloroaniline	10.769	127	148423	79.425	ng		97
34) Hexachlorobutadiene	10.951	225	109953	76.374	ng		94
35) Caprolactam	11.580	113	40333	76.417	ng		97
36) 4-Chloro-3-methylphenol	11.909	107	149274	79.618	ng		99
37) 2-Methylnaphthalene	12.273	142	291318	77.931	ng		97
38) 1-Methylnaphthalene	12.496	142	286731	76.924	ng		98
40) 1,2,4,5-Tetrachloroben...	12.643	216	186298	80.056	ng		99
41) Hexachlorocyclopentadiene	12.626	237	102505	84.207	ng		96
43) 2,4,6-Trichlorophenol	12.884	196	119404	80.265	ng		94

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
Data File : BG064480.D
Acq On : 2 Oct 2025 14:16
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 02 16:53:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.961	196	135525	81.602	ng		96
46)	1,1'-Biphenyl	13.290	154	399798	77.125	ng		100
47)	2-Chloronaphthalene	13.331	162	301691	77.951	ng		97
48)	2-Nitroaniline	13.530	65	105087	79.555	ng		97
49)	Acenaphthylene	14.177	152	445834	77.600	ng		98
50)	Dimethylphthalate	13.912	163	430419	76.251	ng		98
51)	2,6-Dinitrotoluene	14.036	165	91191	77.551	ng		91
52)	Acenaphthene	14.518	154	305038	76.421	ng		99
53)	3-Nitroaniline	14.365	138	85333	78.688	ng		100
54)	2,4-Dinitrophenol	14.570	184	63374	74.326	ng		91
55)	Dibenzofuran	14.852	168	505395	76.684	ng		99
56)	4-Nitrophenol	14.676	139	66912	78.369	ng		84
57)	2,4-Dinitrotoluene	14.823	165	137560	76.527	ng		96
58)	Fluorene	15.505	166	420400	76.728	ng		96
59)	2,3,4,6-Tetrachlorophenol	15.082	232	131866	77.799	ng		99
60)	Diethylphthalate	15.281	149	454922	75.126	ng		99
61)	4-Chlorophenyl-phenyle...	15.499	204	228883	76.517	ng		99
62)	4-Nitroaniline	15.534	138	92207	81.579	ng		91
63)	Azobenzene	15.793	77	350430	74.723	ng		96
65)	4,6-Dinitro-2-methylph...	15.587	198	97300	82.760	ng		97
66)	n-Nitrosodiphenylamine	15.716	169	357258	79.230	ng		96
67)	4-Bromophenyl-phenylether	16.386	248	162931	81.997	ng		95
68)	Hexachlorobenzene	16.509	284	182054	80.068	ng		97
69)	Atrazine	16.662	200	148051	73.799	ng		99
70)	Pentachlorophenol	16.850	266	117991	88.752	ng		97
71)	Phenanthrene	17.238	178	682440	77.283	ng		99
72)	Anthracene	17.326	178	694820	78.433	ng		99
73)	Carbazole	17.596	167	594667	77.661	ng		99
74)	Di-n-butylphthalate	18.160	149	726555	77.727	ng		100
75)	Fluoranthene	19.247	202	812928	77.060	ng		99
77)	Benzidine	19.424	184	246468	57.755	ng		98
78)	Pyrene	19.606	202	844065	75.840	ng		99
80)	Butylbenzylphthalate	20.499	149	314484	79.710	ng		96
81)	Benzo(a)anthracene	21.398	228	859554	78.497	ng		98
82)	3,3'-Dichlorobenzidine	21.321	252	288449	77.829	ng		98
83)	Chrysene	21.462	228	807967	77.803	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.321	149	451147	81.044	ng		97
85)	Di-n-octyl phthalate	22.449	149	747301	79.877	ng		99
87)	Indeno(1,2,3-cd)pyrene	27.767	276	1017303	78.621	ng	#	93
88)	Benzo(b)fluoranthene	23.460	252	824972	78.008	ng		99
89)	Benzo(k)fluoranthene	23.525	252	849303	79.738	ng		99
90)	Benzo(a)pyrene	24.265	252	771257	79.130	ng		99
91)	Dibenzo(a,h)anthracene	27.820	278	829660	80.178	ng		97
92)	Benzo(g,h,i)perylene	28.818	276	778918	77.460	ng		99

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

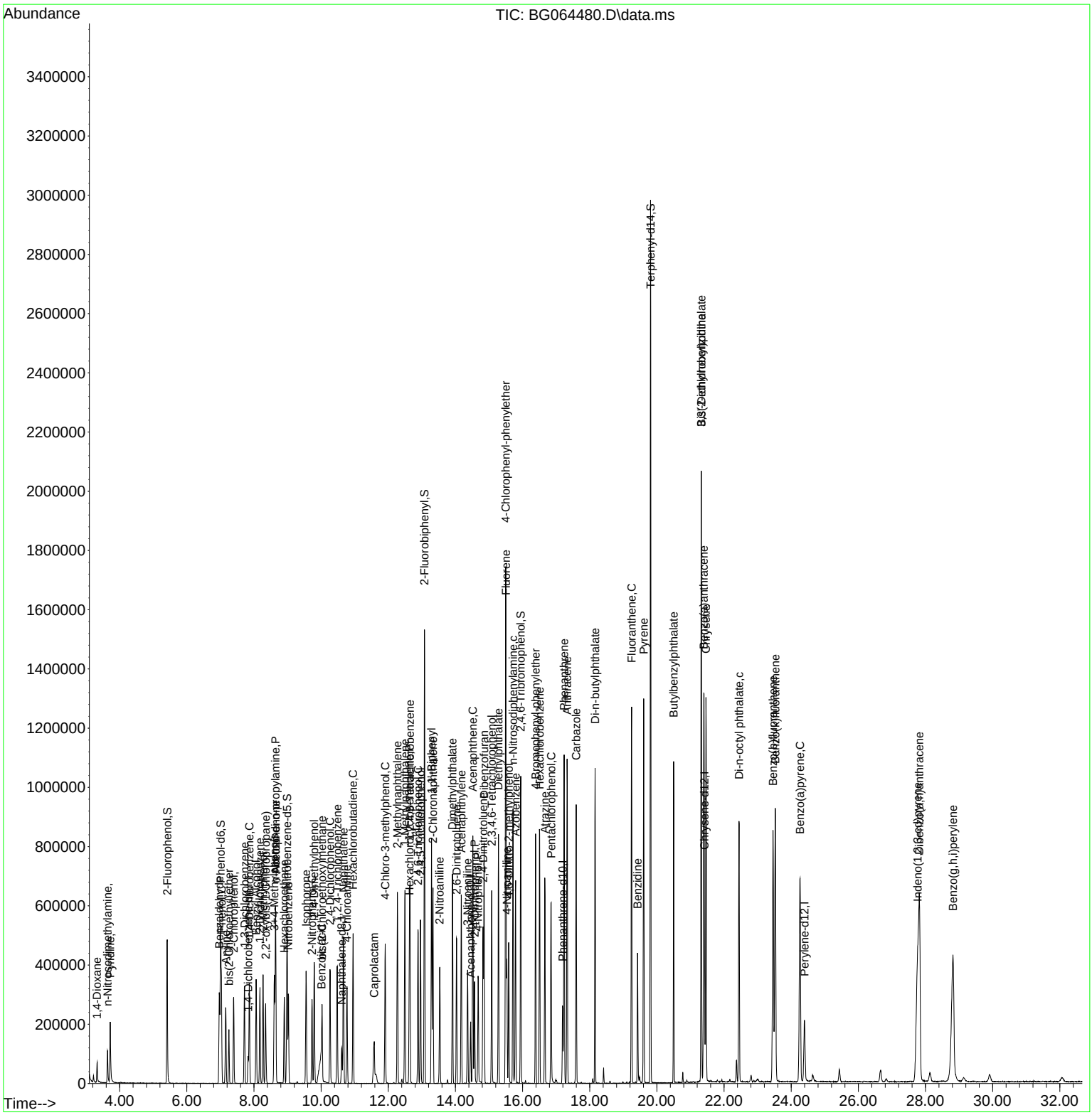
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
Data File : BG064480.D
Acq On : 2 Oct 2025 14:16
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

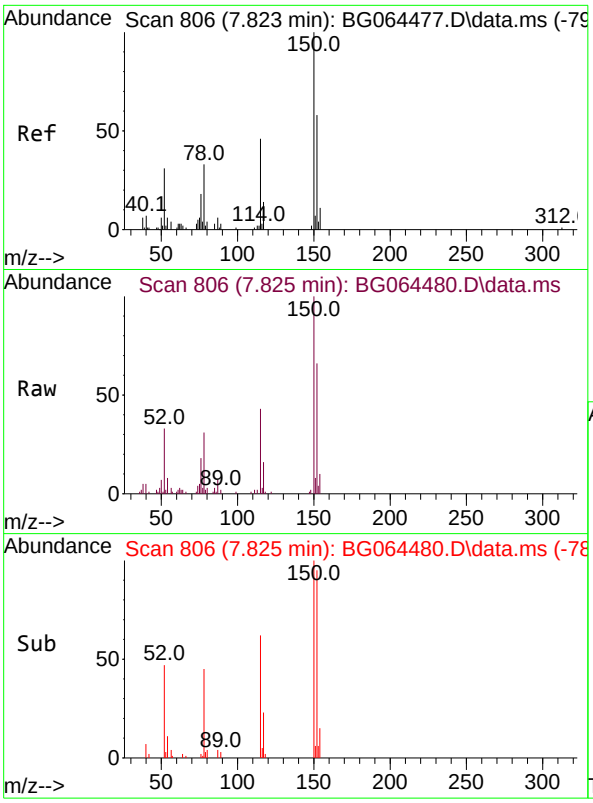
Quant Time: Oct 02 16:53:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

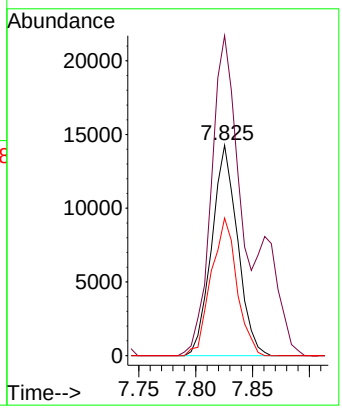




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.825 min Scan# 80
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:152 Resp: 2253

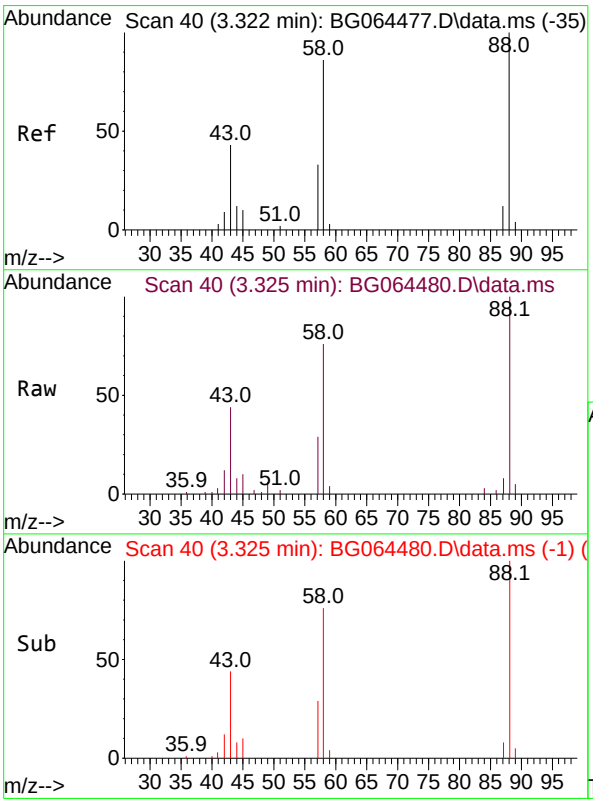
Ion	Ratio	Lower	Upper
152	100		
150	152.2	138.6	207.8
115	65.4	63.4	95.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

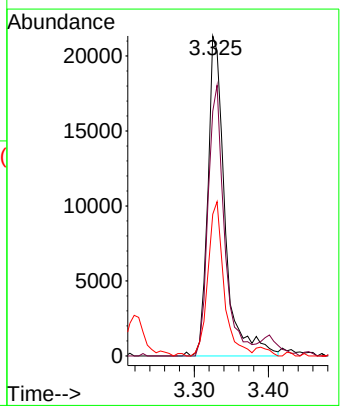
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

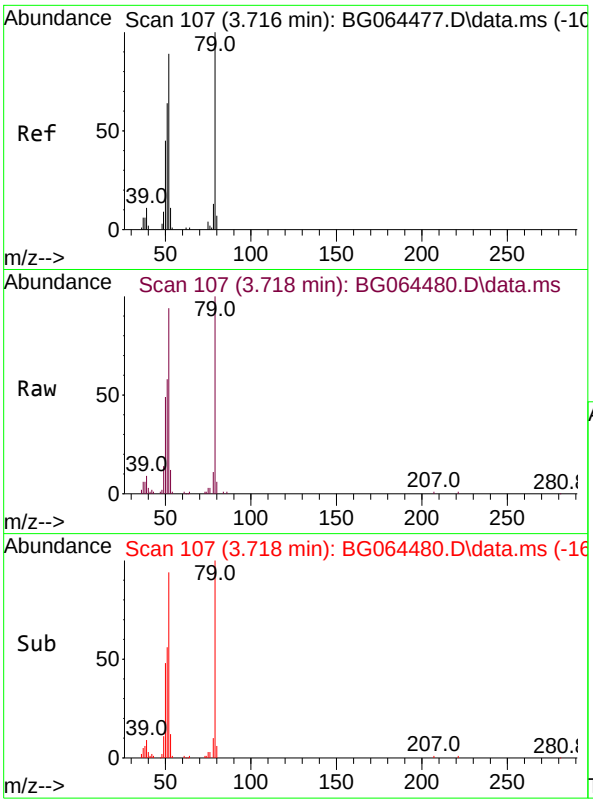


#2
1,4-Dioxane
Concen: 71.240 ng
RT: 3.325 min Scan# 40
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion: 88 Resp: 34310

Ion	Ratio	Lower	Upper
88	100		
58	79.9	69.8	104.6
43	44.7	37.4	56.0

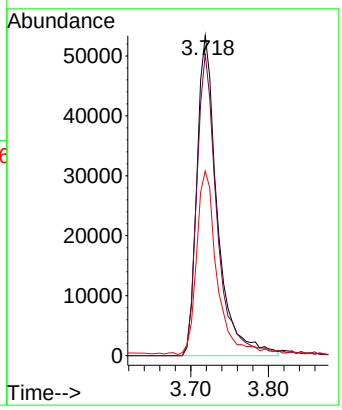




#3
Pyridine
Concen: 75.592 ng
RT: 3.718 min Scan# 10
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion: 79 Resp: 9784

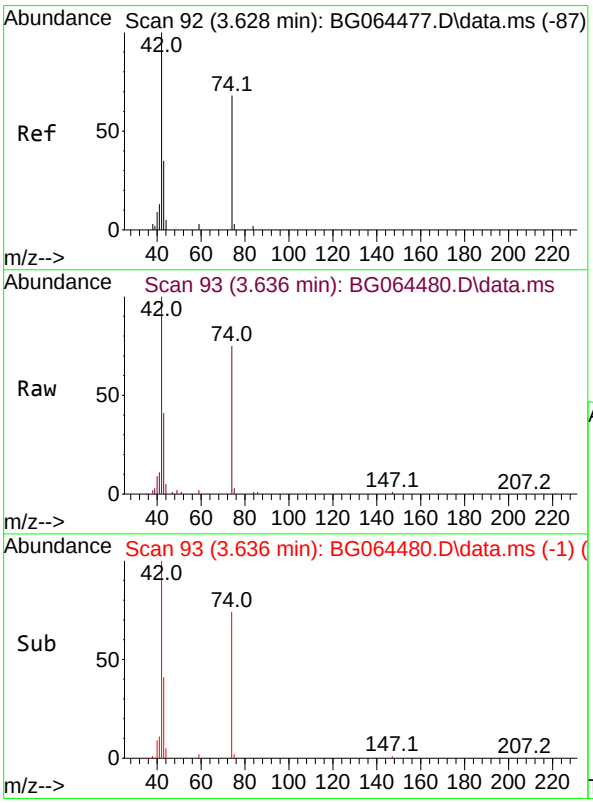
Ion	Ratio	Lower	Upper
79	100		
52	94.4	71.0	106.4
51	57.7	51.0	76.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

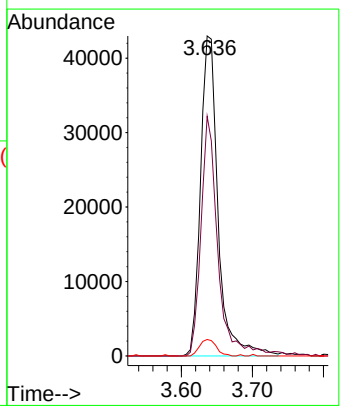
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

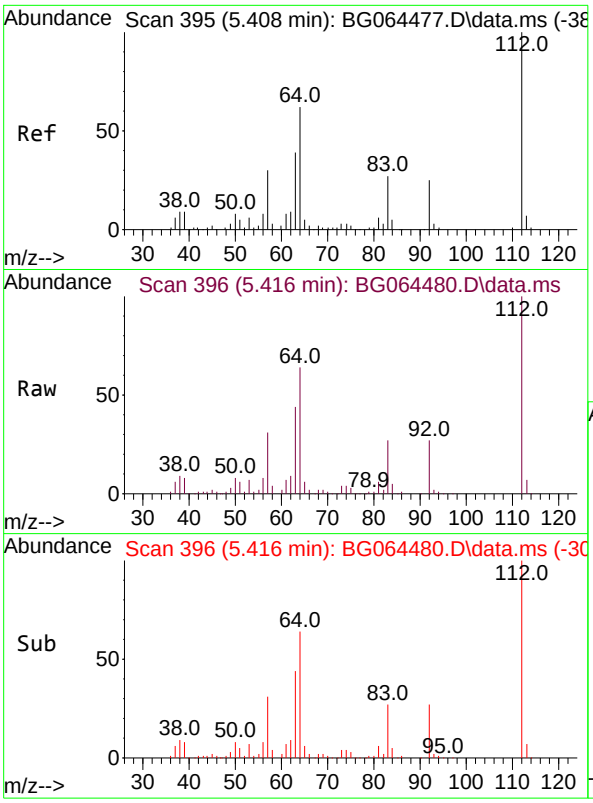


#4
n-Nitrosodimethylamine
Concen: 78.177 ng
RT: 3.636 min Scan# 93
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion: 42 Resp: 73356

Ion	Ratio	Lower	Upper
42	100		
74	74.9	54.2	81.4
44	5.1	4.2	6.2

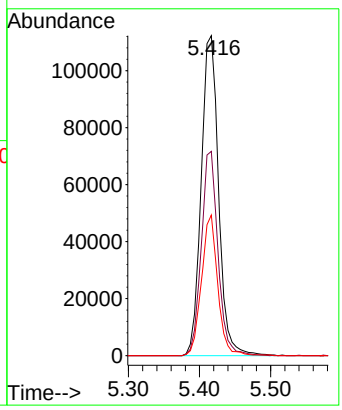




#5
2-Fluorophenol
Concen: 155.949 ng
RT: 5.416 min Scan# 39
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:112 Resp: 189884

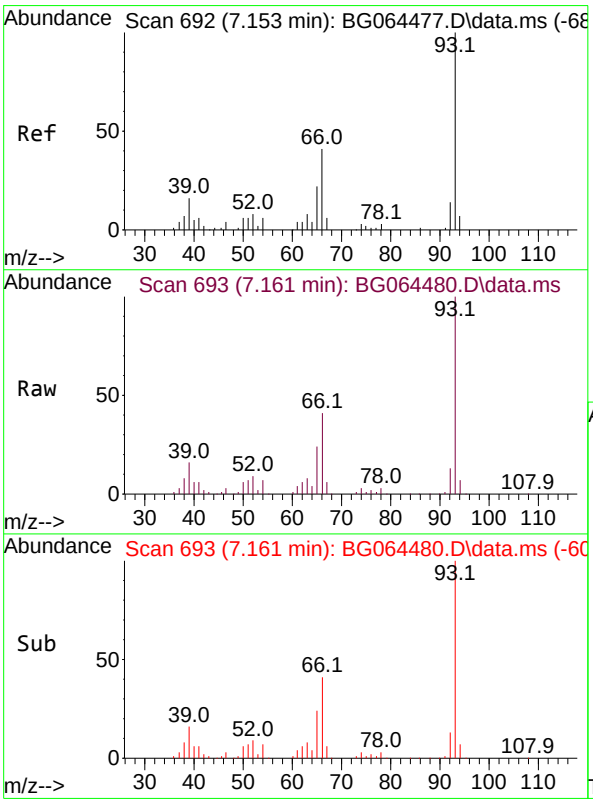
Ion	Ratio	Lower	Upper
112	100		
64	63.8	49.8	74.8
63	43.9	31.3	46.9



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

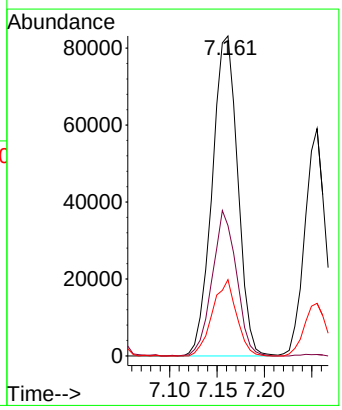
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

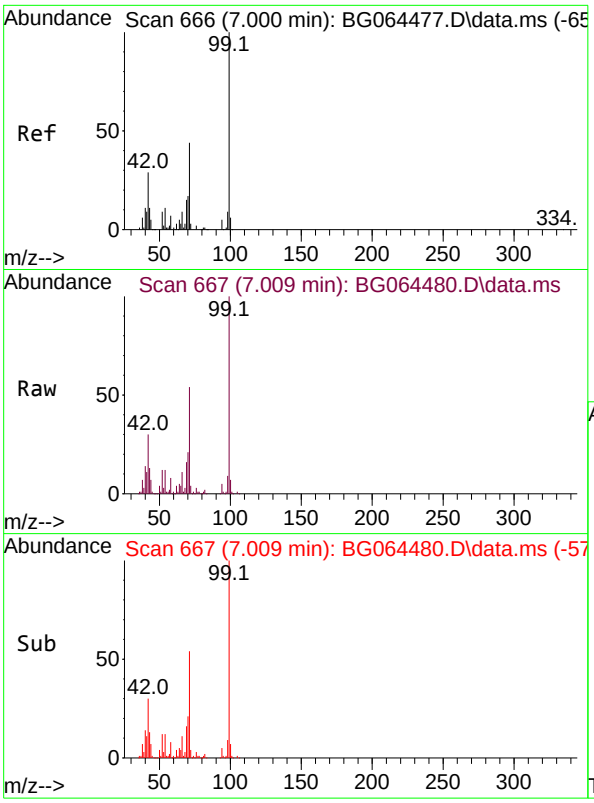


#6
Aniline
Concen: 75.518 ng
RT: 7.161 min Scan# 693
Delta R.T. 0.017 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion: 93 Resp: 155867

Ion	Ratio	Lower	Upper
93	100		
66	40.7	33.0	49.4
65	23.8	17.5	26.3

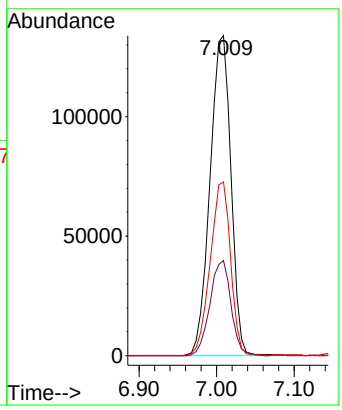




#7
Phenol-d6
Concen: 153.254 ng
RT: 7.009 min Scan# 6
Delta R.T. 0.023 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion: 99 Resp: 25076

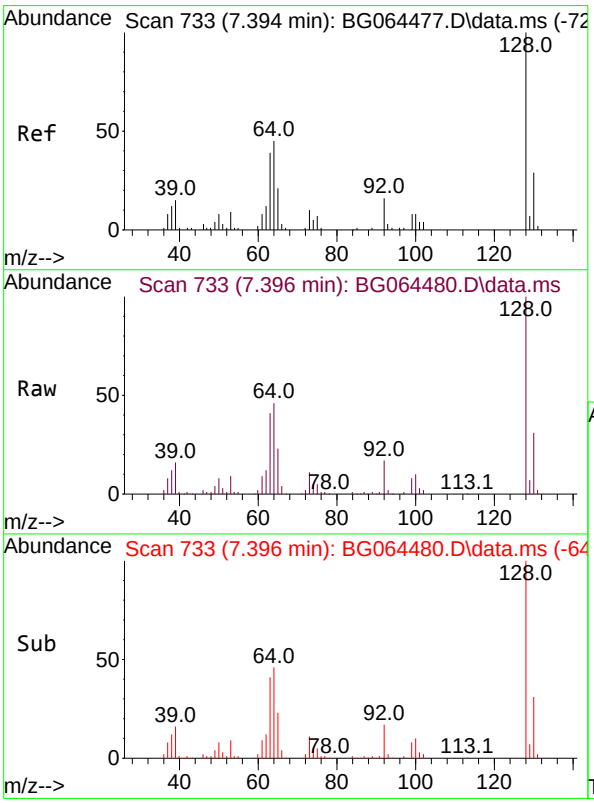
Ion	Ratio	Lower	Upper
99	100		
42	29.7	22.9	34.3
71	54.3	35.4	53.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

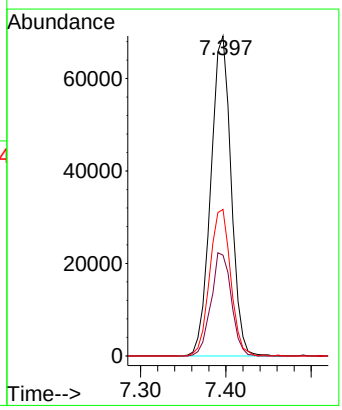
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

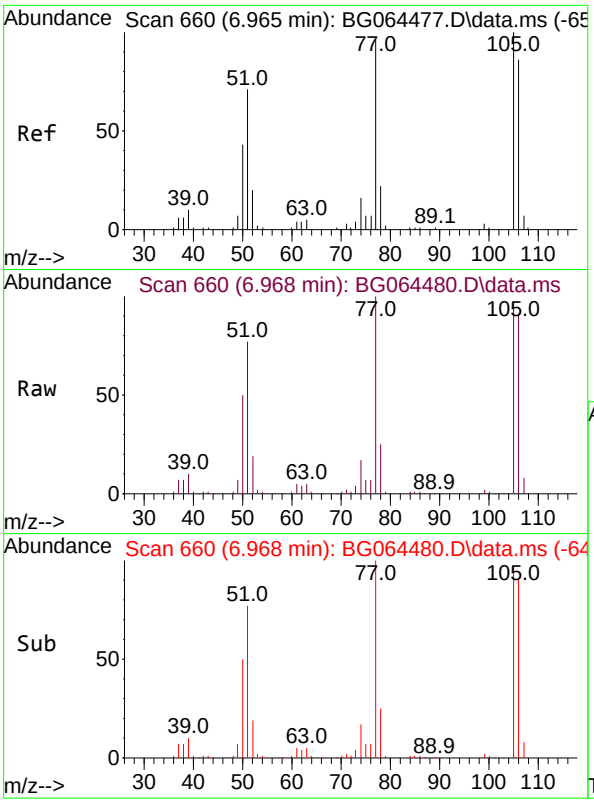


#8
2-Chlorophenol
Concen: 76.619 ng
RT: 7.396 min Scan# 733
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:128 Resp: 114558

Ion	Ratio	Lower	Upper
128	100		
130	31.5	9.2	49.2
64	45.8	25.5	65.5

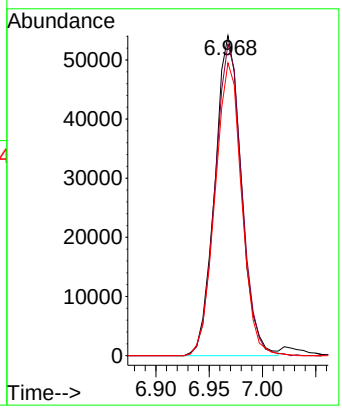




#9
Benzaldehyde
Concen: 64.370 ng
RT: 6.968 min Scan# 6
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion: 77 Resp: 9349

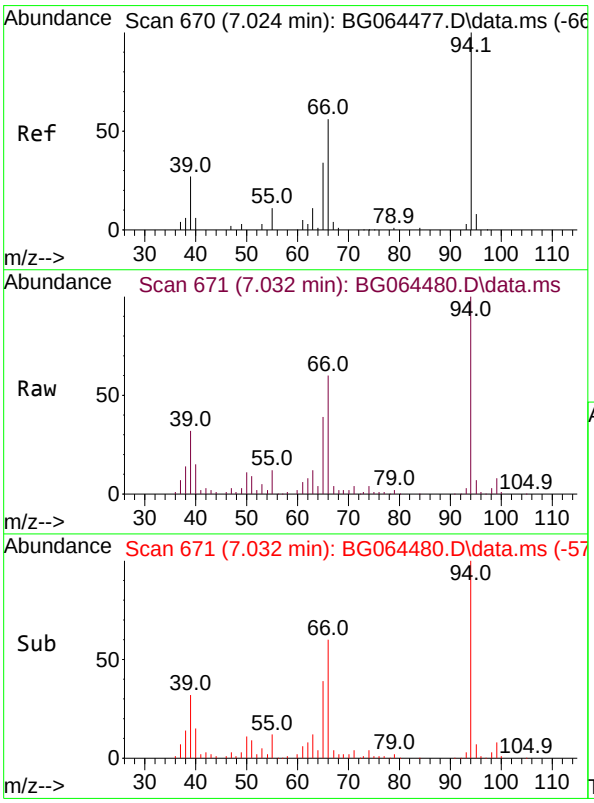
Ion	Ratio	Lower	Upper
77	100		
105	97.4	83.7	123.7
106	91.5	69.4	109.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

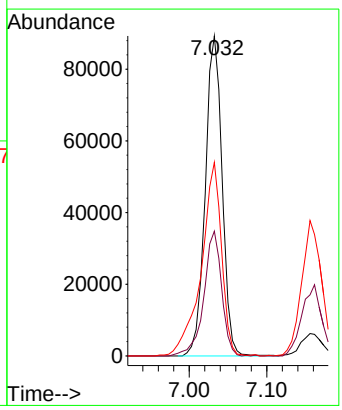
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

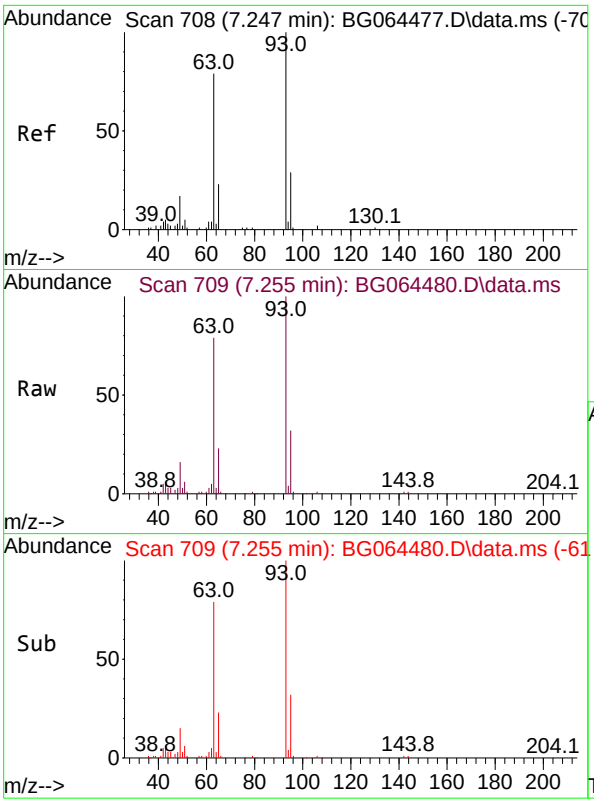


#10
Phenol
Concen: 78.138 ng
RT: 7.032 min Scan# 671
Delta R.T. 0.017 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion: 94 Resp: 134875

Ion	Ratio	Lower	Upper
94	100		
65	39.0	14.8	54.8
66	60.5	41.4	81.4

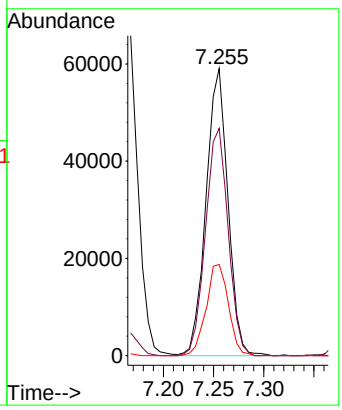




#11
bis(2-Chloroethyl)ether
Concen: 76.500 ng
RT: 7.255 min Scan# 7
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion: 93 Resp: 8942

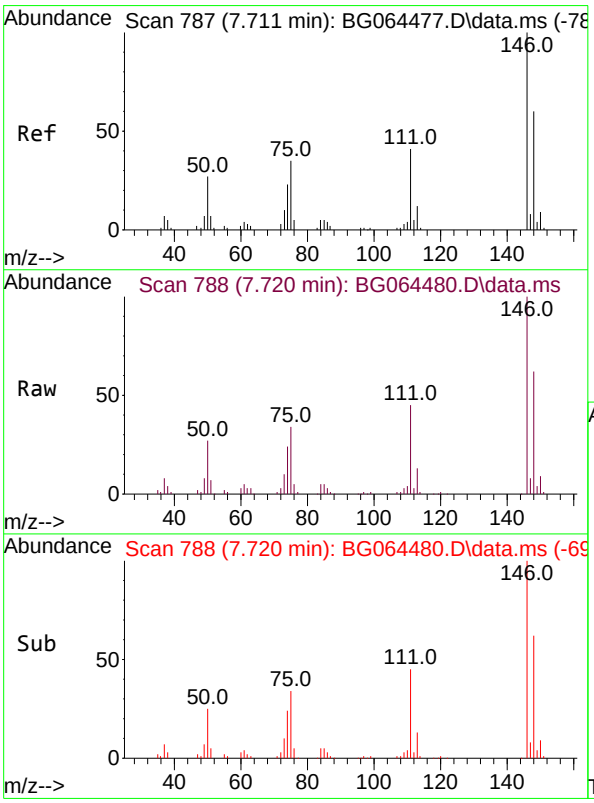
Ion	Ratio	Lower	Upper
93	100		
63	79.2	59.5	99.5
95	31.7	8.8	48.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

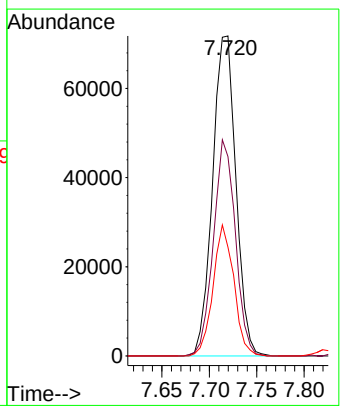
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

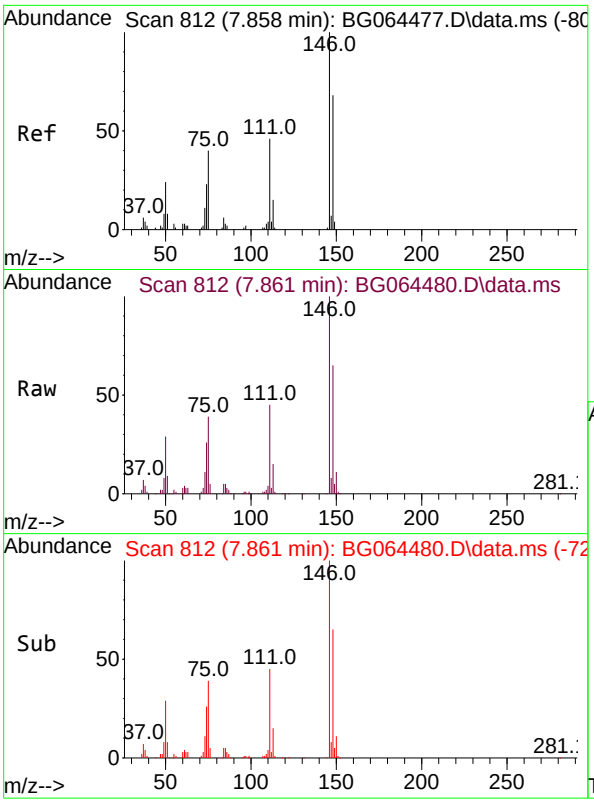


#12
1,3-Dichlorobenzene
Concen: 75.107 ng
RT: 7.720 min Scan# 788
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:146 Resp: 122844

Ion	Ratio	Lower	Upper
146	100		
148	62.3	48.4	72.6
75	34.0	28.3	42.5

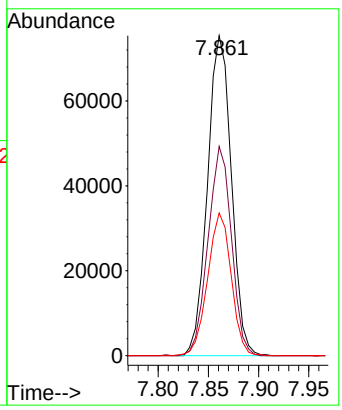




#13
1,4-Dichlorobenzene
Concen: 75.917 ng
RT: 7.861 min Scan# 81
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:146 Resp: 12461

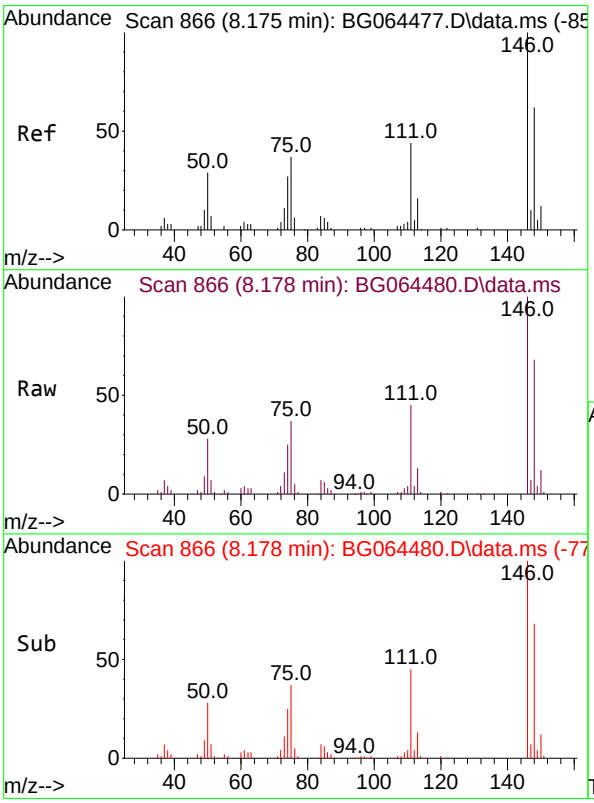
Ion	Ratio	Lower	Upper
146	100		
148	65.4	54.4	81.6
111	44.6	36.5	54.7



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

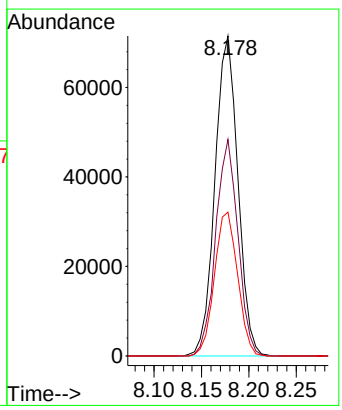
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

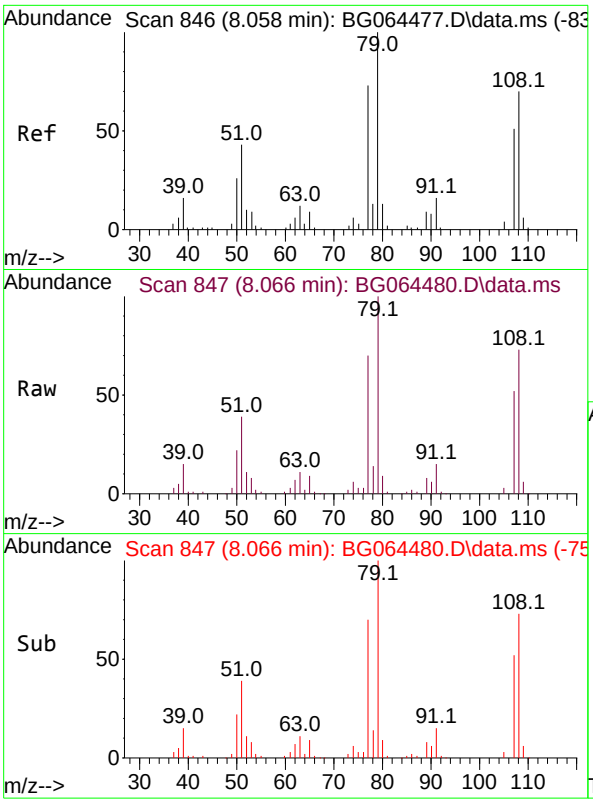


#14
1,2-Dichlorobenzene
Concen: 74.398 ng
RT: 8.178 min Scan# 866
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:146 Resp: 120364

Ion	Ratio	Lower	Upper
146	100		
148	67.6	50.0	75.0
111	44.9	35.0	52.4





#15
Benzyl Alcohol
Concen: 78.483 ng
RT: 8.066 min Scan# 84
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

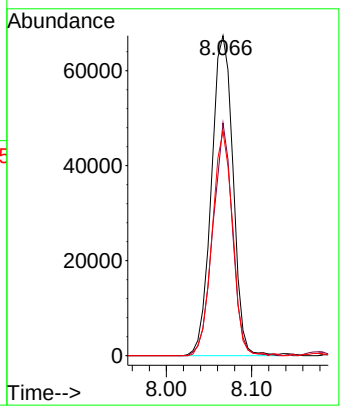
Tgt Ion: 79 Resp: 11826

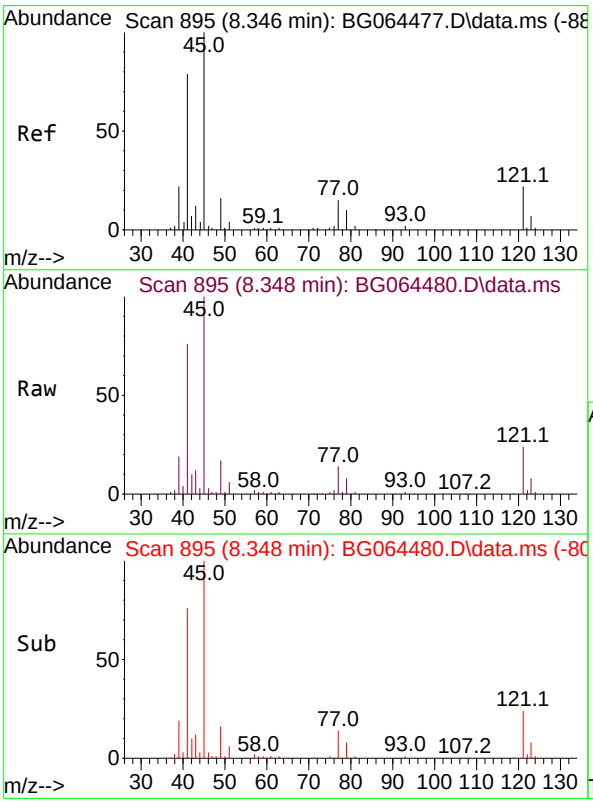
Ion	Ratio	Lower	Upper
79	100		
108	72.7	56.4	84.6
77	70.1	58.3	87.5

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

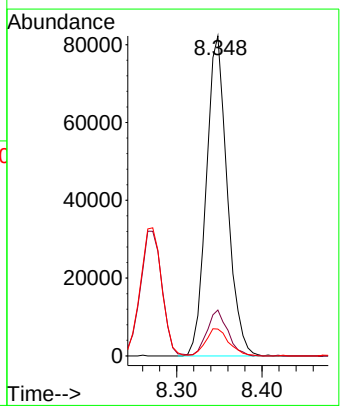


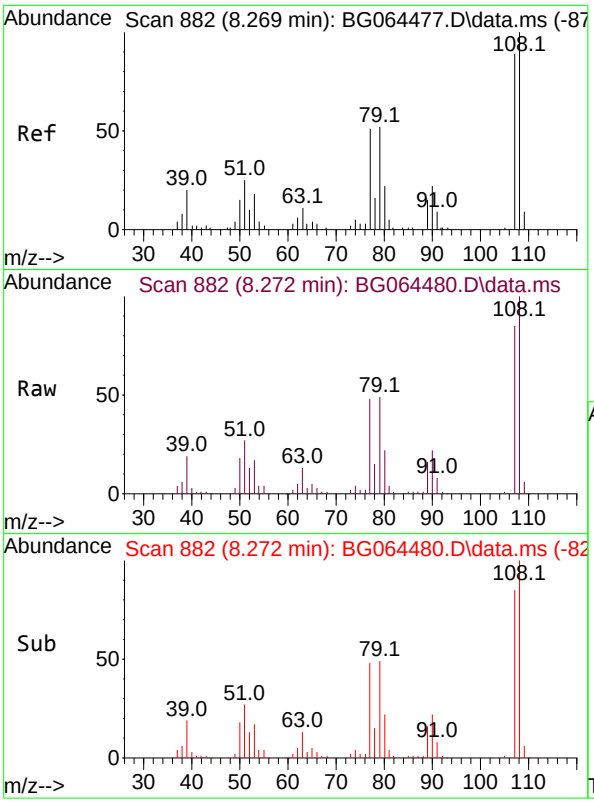


#16
2,2'-oxybis(1-Chloropropane)
Concen: 74.507 ng
RT: 8.348 min Scan# 895
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion: 45 Resp: 140388

Ion	Ratio	Lower	Upper
45	100		
77	14.3	0.0	35.6
79	8.4	0.0	30.7

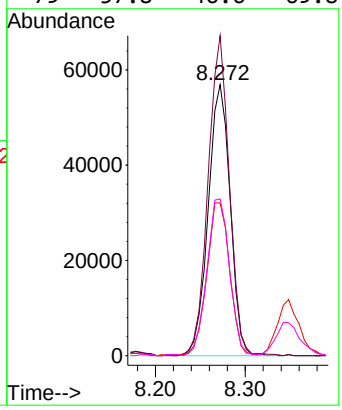




#17
2-Methylphenol
Concen: 77.657 ng
RT: 8.272 min Scan# 88
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:107 Resp: 97064

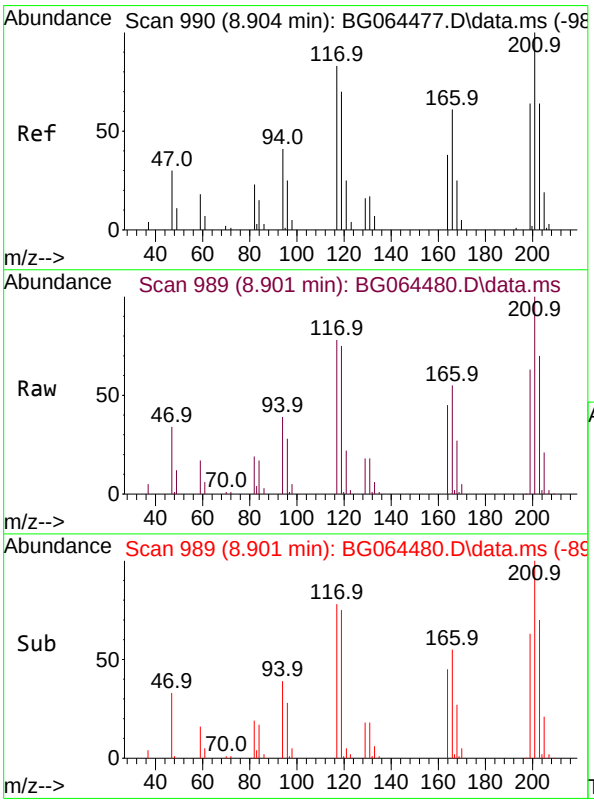
Ion	Ratio	Lower	Upper
107	100		
108	118.1	90.3	135.5
77	56.3	46.0	69.0
79	57.8	46.6	69.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

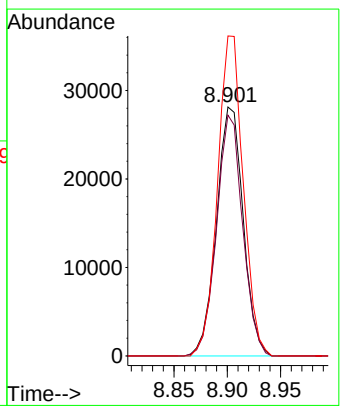
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

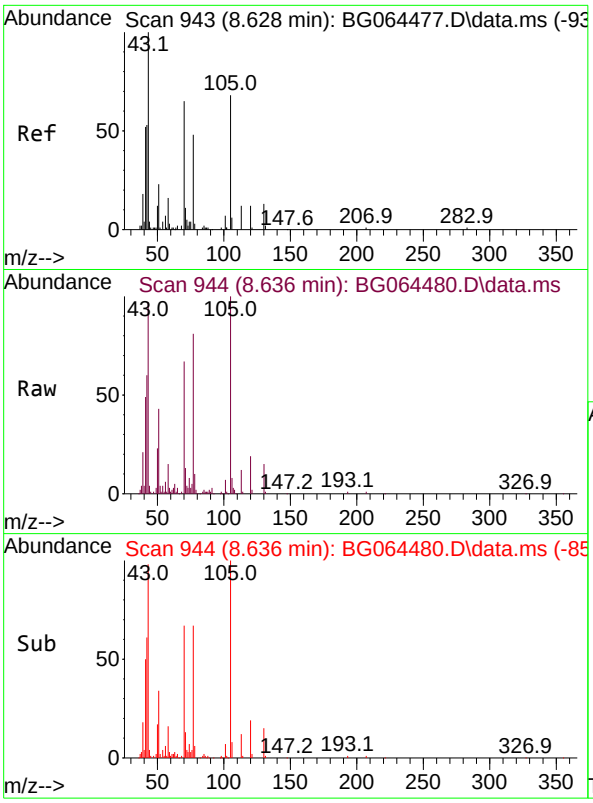


#18
Hexachloroethane
Concen: 75.666 ng
RT: 8.901 min Scan# 989
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:117 Resp: 49027

Ion	Ratio	Lower	Upper
117	100		
119	96.7	67.4	101.0
201	128.6	95.9	143.9

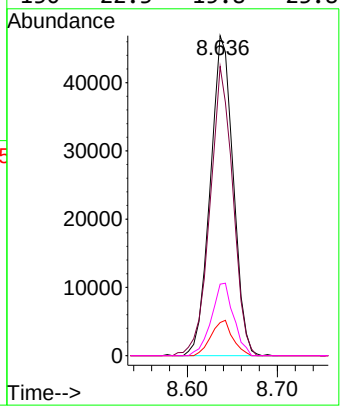




#19
n-Nitroso-di-n-propylamine
Concen: 76.290 ng
RT: 8.636 min Scan# 94
Delta R.T. 0.023 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion: 70 Resp: 8348

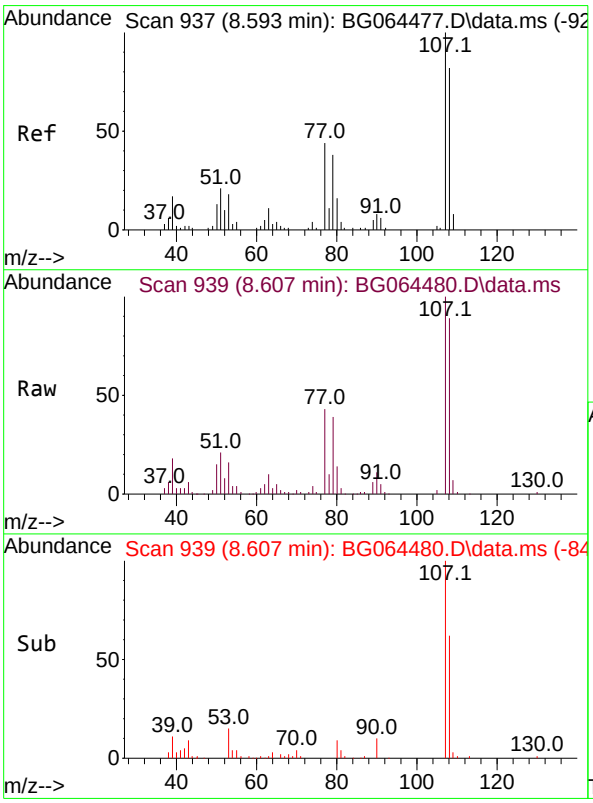
Ion	Ratio	Lower	Upper
70	100		
42	90.4	64.9	97.3
101	10.3	8.7	13.1
130	22.3	15.8	23.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

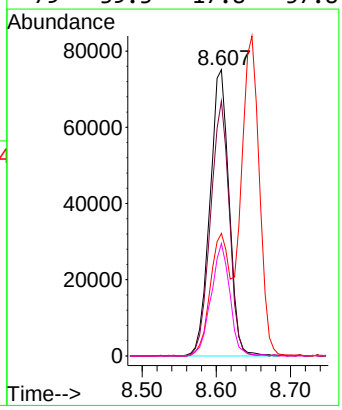
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

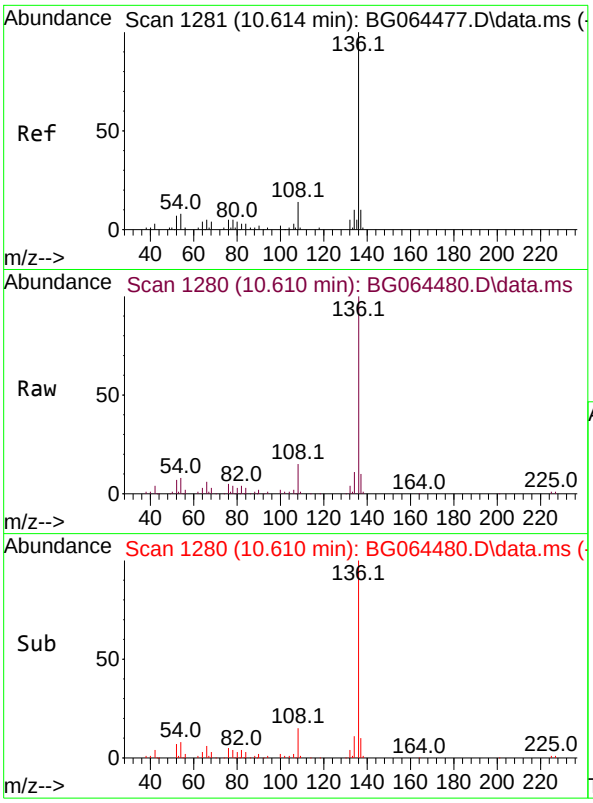


#20
3+4-Methylphenols
Concen: 77.191 ng
RT: 8.607 min Scan# 939
Delta R.T. 0.017 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:107 Resp: 134638

Ion	Ratio	Lower	Upper
107	100		
108	89.1	62.1	102.1
77	42.8	23.5	63.5
79	39.3	17.8	57.8

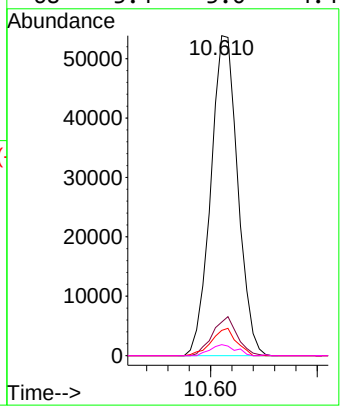




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:136 Resp: 9456

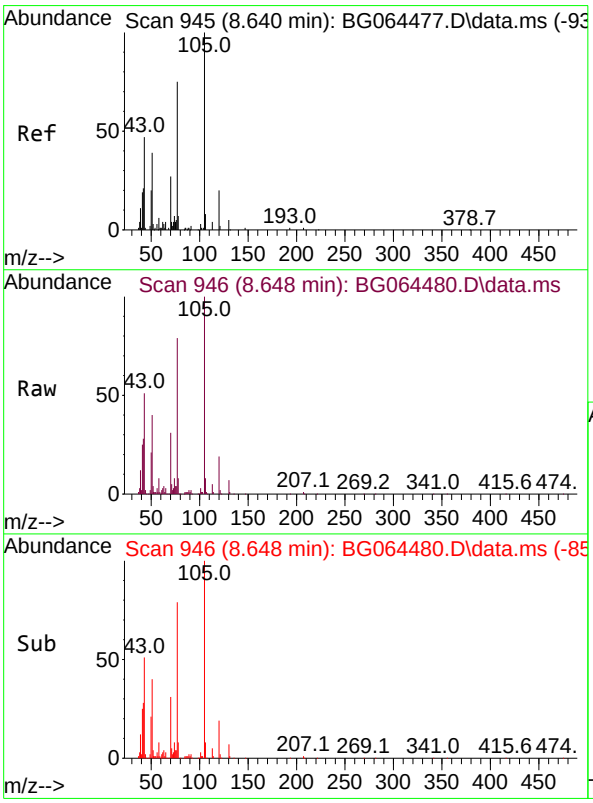
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.3	12.5
54	7.9	6.2	9.4
68	3.4	3.0	4.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

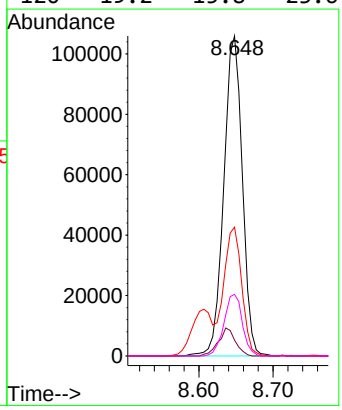
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

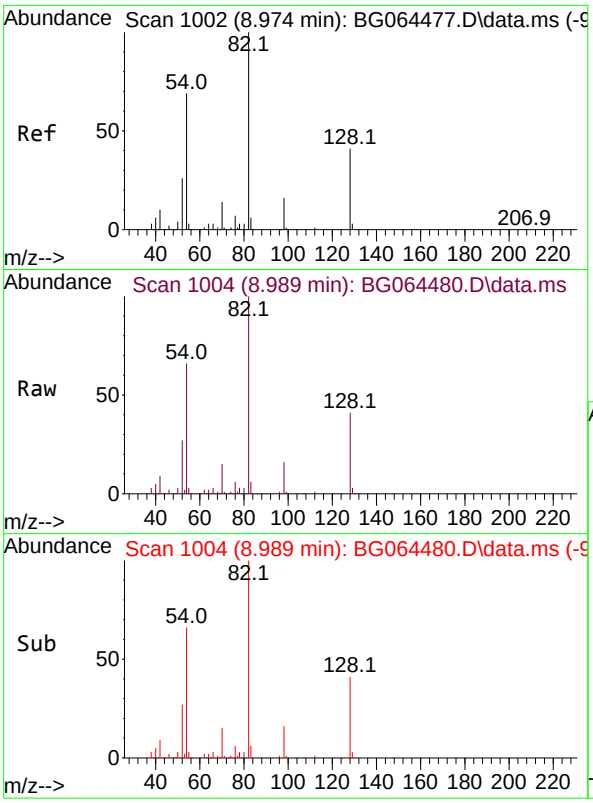


#22
Acetophenone
Concen: 80.227 ng
RT: 8.648 min Scan# 946
Delta R.T. 0.017 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:105 Resp: 183701

Ion	Ratio	Lower	Upper
105	100		
71	4.9	2.8	4.2#
51	40.2	33.0	49.4
120	19.2	15.8	23.6

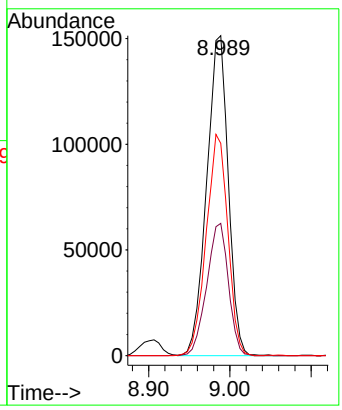




#23
Nitrobenzene-d5
Concen: 158.678 ng
RT: 8.989 min Scan# 1
Delta R.T. 0.023 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion: 82 Resp: 279078

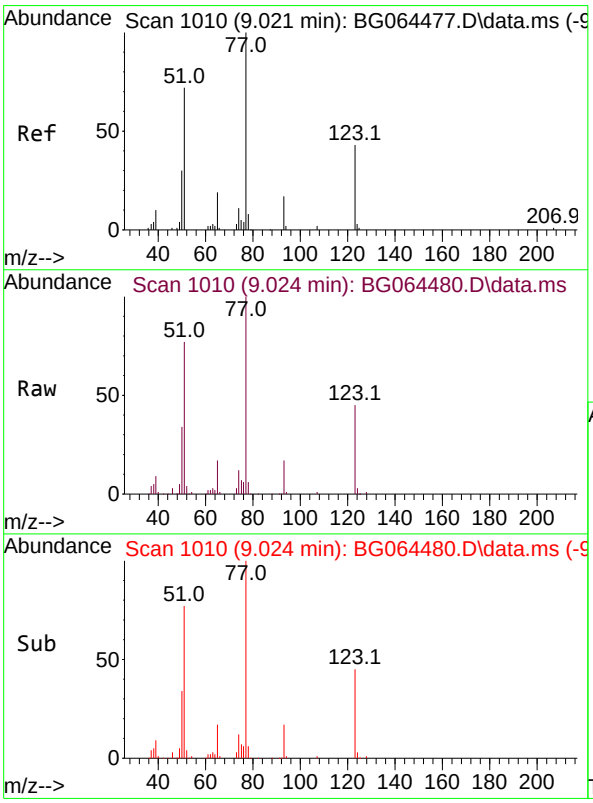
Ion	Ratio	Lower	Upper
82	100		
128	41.3	33.1	49.7
54	66.3	55.4	83.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

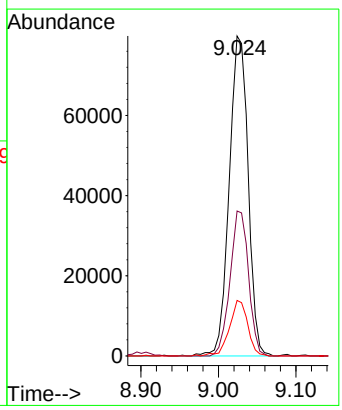
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

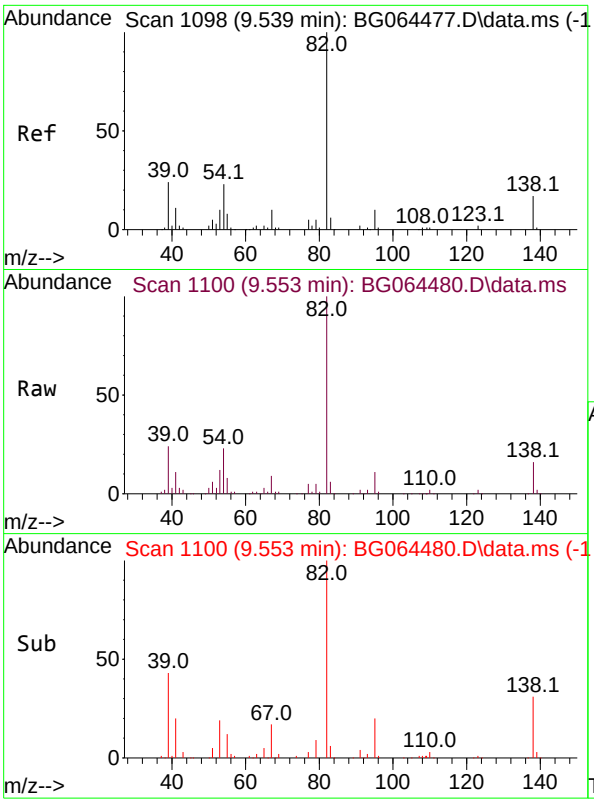


#24
Nitrobenzene
Concen: 77.123 ng
RT: 9.024 min Scan# 1010
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion: 77 Resp: 135264

Ion	Ratio	Lower	Upper
77	100		
123	45.3	34.4	51.6
65	17.3	14.8	22.2

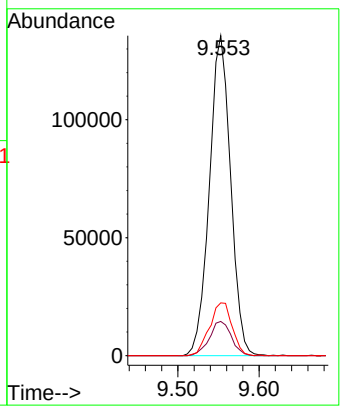




#25
Isophorone
Concen: 77.188 ng
RT: 9.553 min Scan# 11
Delta R.T. 0.023 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion: 82 Resp: 24593

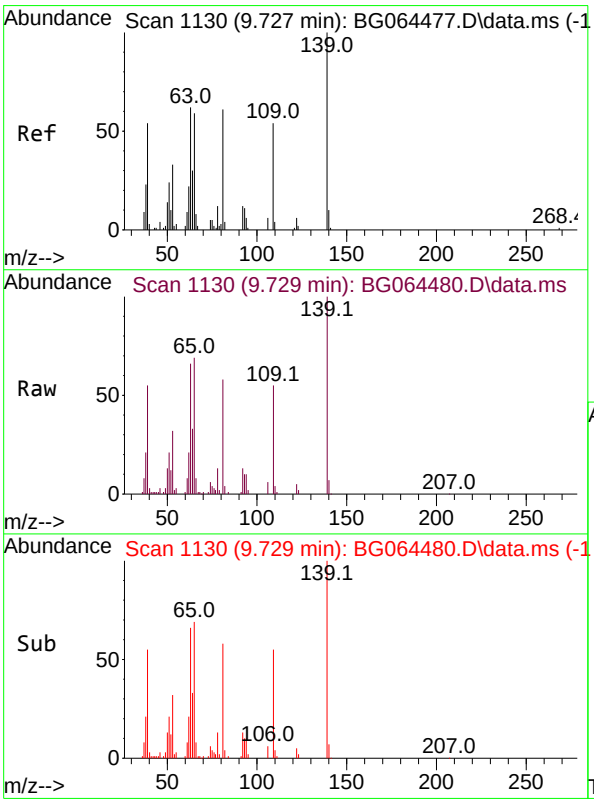
Ion	Ratio	Lower	Upper
82	100		
95	10.7	7.8	11.8
138	16.5	13.8	20.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

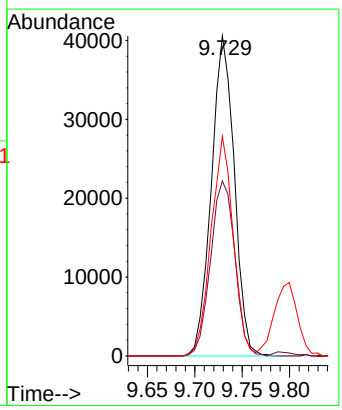
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

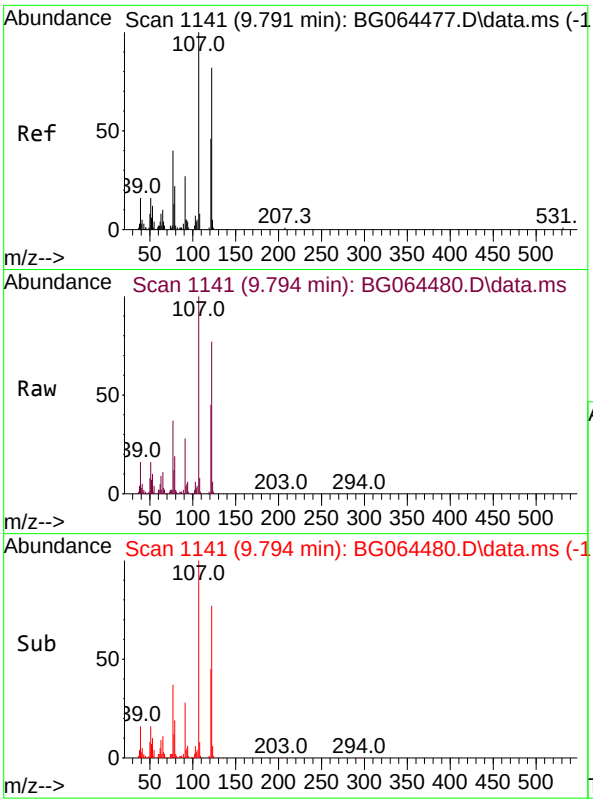


#26
2-Nitrophenol
Concen: 78.281 ng
RT: 9.729 min Scan# 1130
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:139 Resp: 68332

Ion	Ratio	Lower	Upper
139	100		
109	54.7	43.0	64.6
65	68.6	47.4	71.2

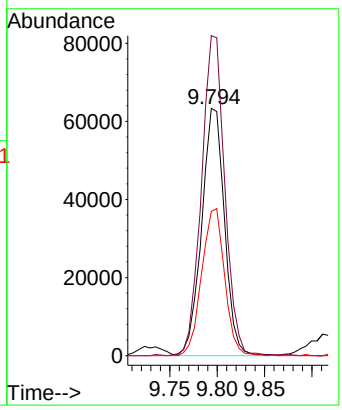




#27
2,4-Dimethylphenol
Concen: 79.619 ng
RT: 9.794 min Scan# 11
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:122 Resp: 10615

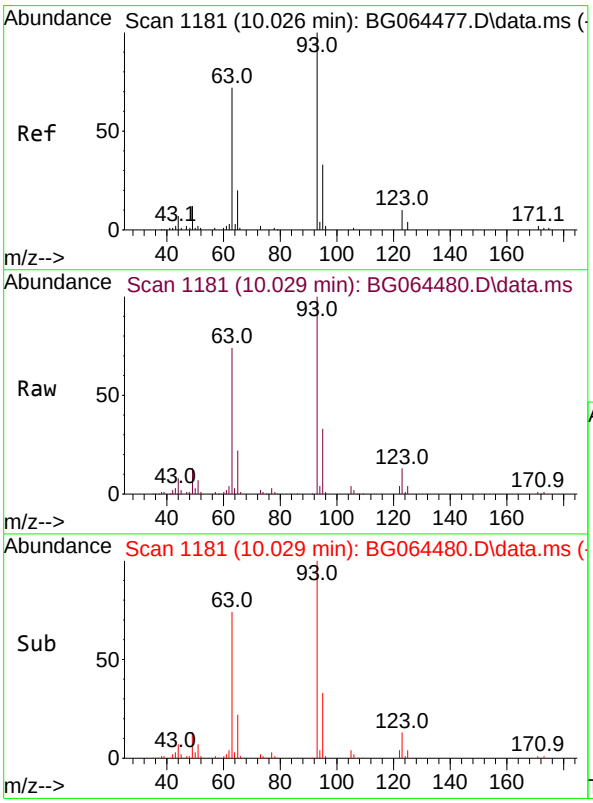
Ion	Ratio	Lower	Upper
122	100		
107	129.4	98.3	147.5
121	58.2	44.7	67.1



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

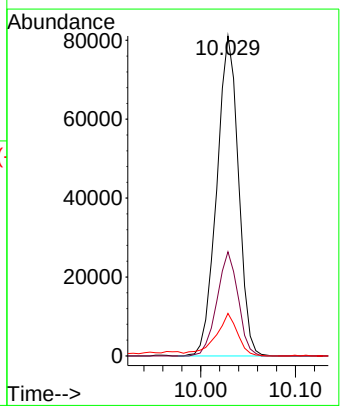
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

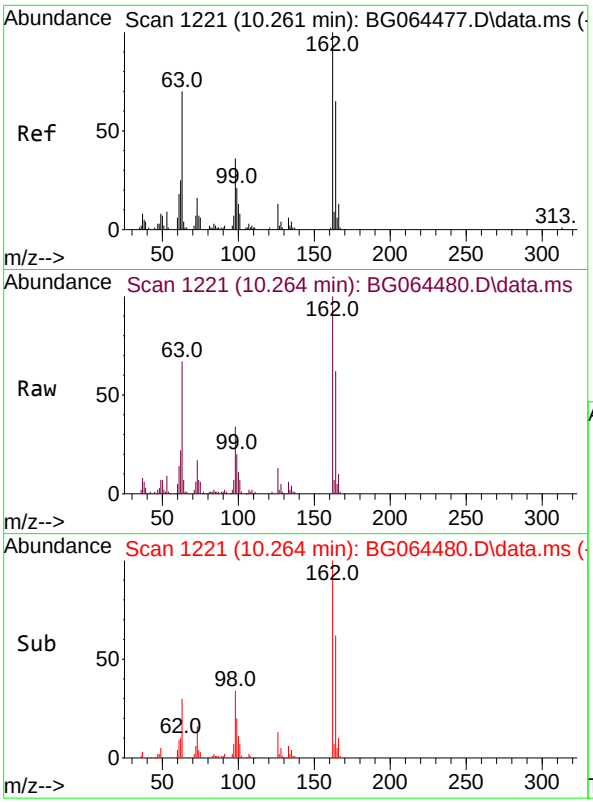


#28
bis(2-Chloroethoxy)methane
Concen: 79.313 ng
RT: 10.029 min Scan# 1181
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion: 93 Resp: 128813

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.5	39.7
123	13.3	8.9	13.3

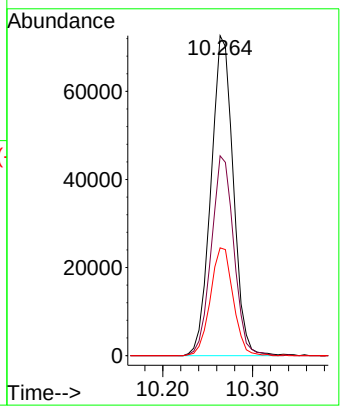




#29
2,4-Dichlorophenol
Concen: 81.436 ng
RT: 10.264 min Scan# 1
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:162 Resp: 12555

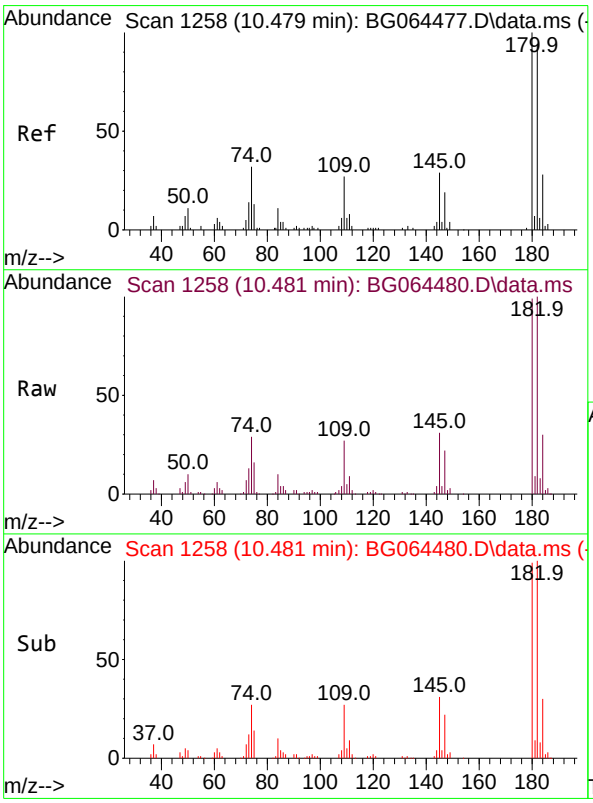
Ion	Ratio	Lower	Upper
162	100		
164	62.5	45.4	85.4
98	33.7	16.4	56.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

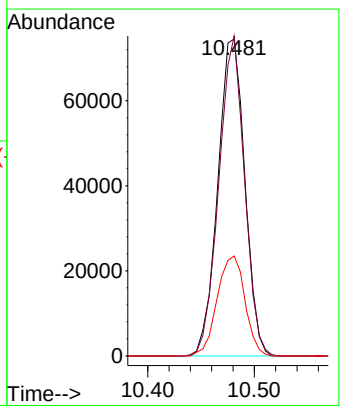
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

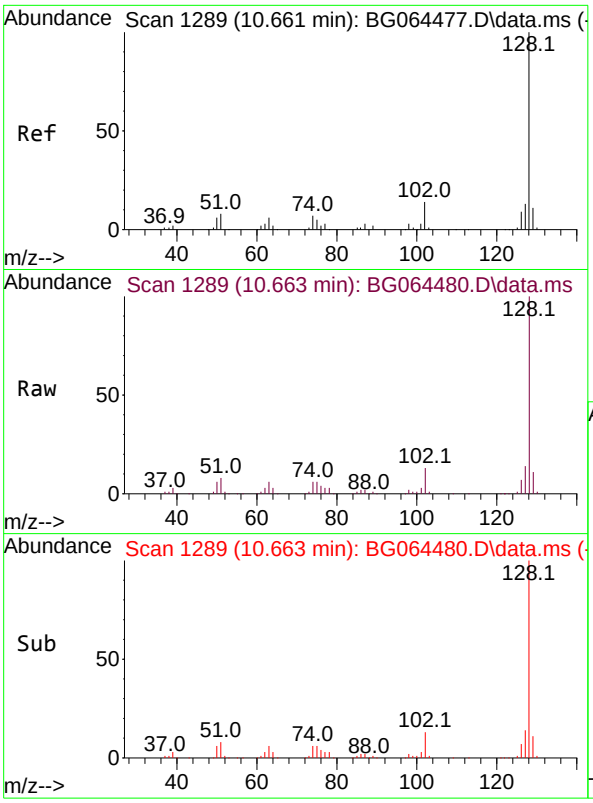


#30
1,2,4-Trichlorobenzene
Concen: 78.115 ng
RT: 10.481 min Scan# 1258
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:180 Resp: 131315

Ion	Ratio	Lower	Upper
180	100		
182	101.0	75.4	113.2
145	31.5	23.2	34.8

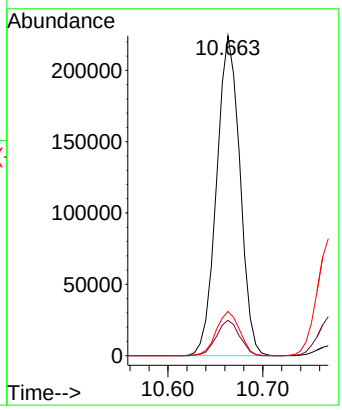




#31
Naphthalene
Concen: 78.560 ng
RT: 10.663 min Scan# 1
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:128 Resp: 38257

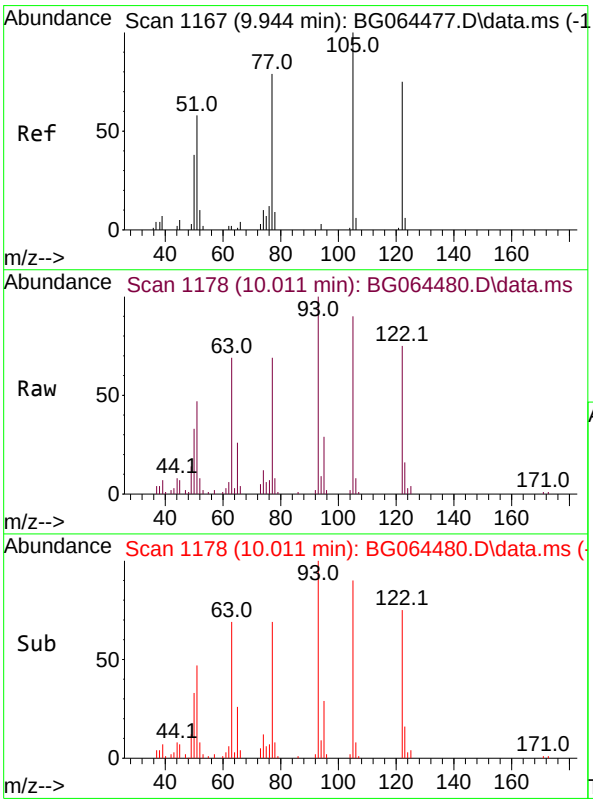
Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.8	10.2	15.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

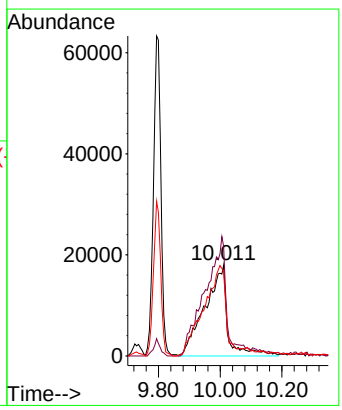
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

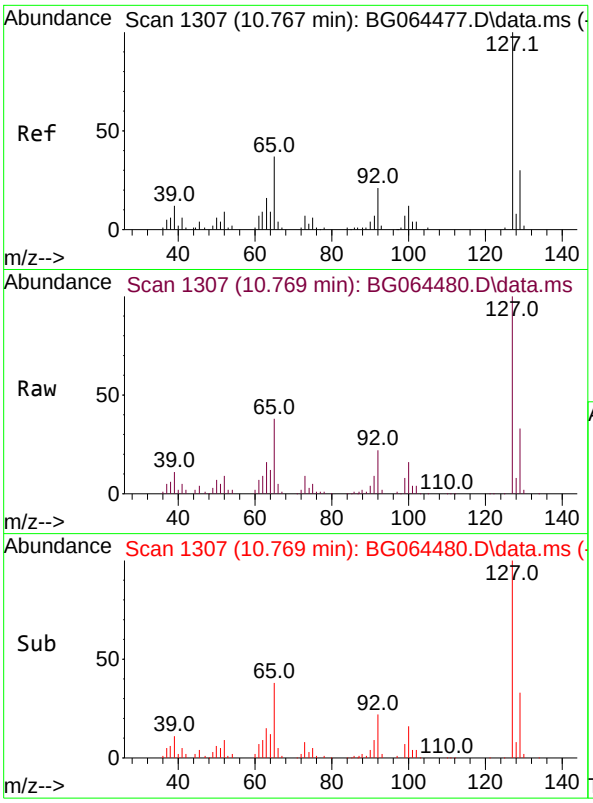


#32
Benzoic acid
Concen: 89.680 ng m
RT: 10.011 min Scan# 1178
Delta R.T. 0.122 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:122 Resp: 91798

Ion	Ratio	Lower	Upper
122	100		
105	120.9	113.9	153.9
77	92.4	86.1	126.1

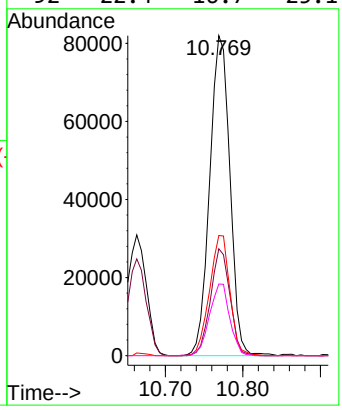




#33
4-Chloroaniline
Concen: 79.425 ng
RT: 10.769 min Scan# 1
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:127 Resp: 14842

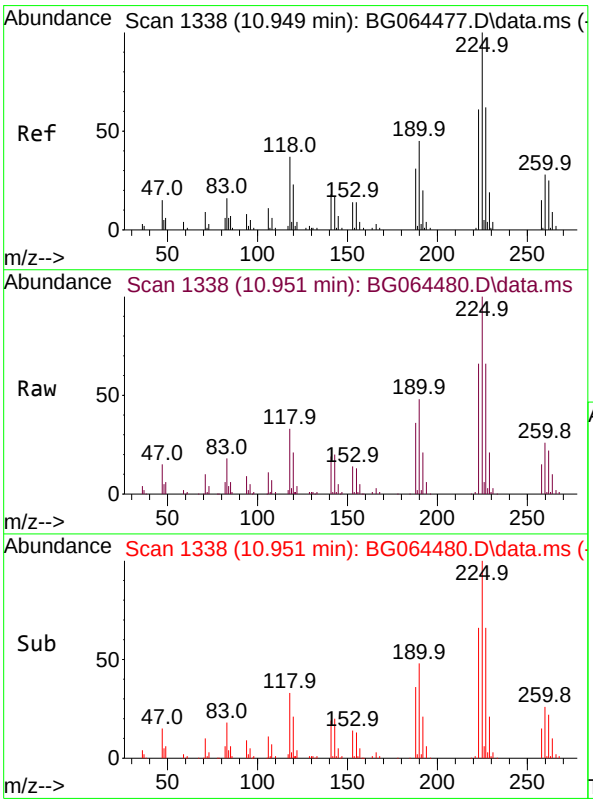
Ion	Ratio	Lower	Upper
127	100		
129	33.4	24.2	36.4
65	37.5	29.6	44.4
92	22.4	16.7	25.1



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

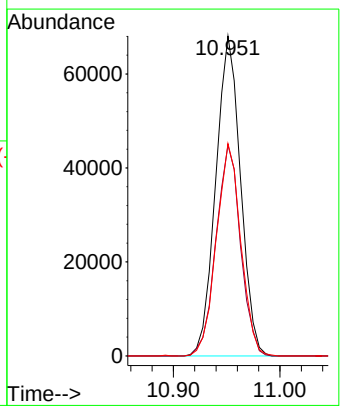
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

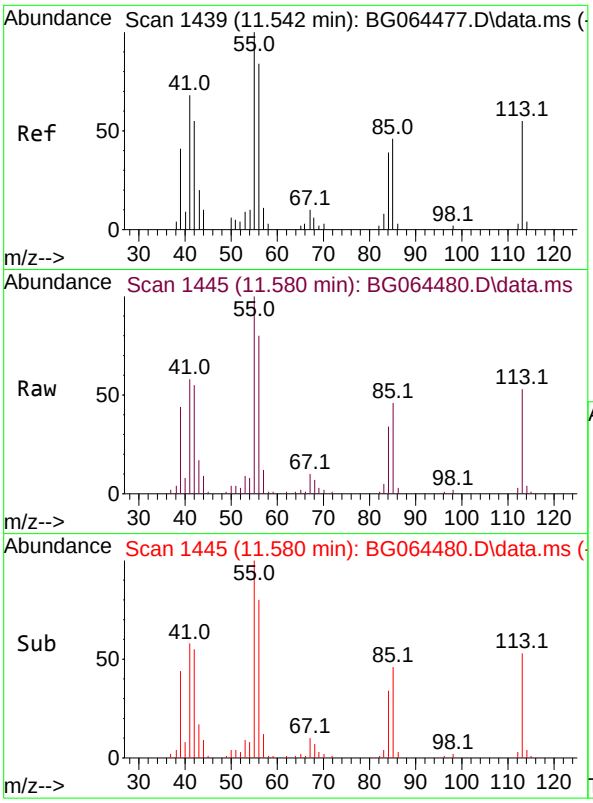


#34
Hexachlorobutadiene
Concen: 76.374 ng
RT: 10.951 min Scan# 1338
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:225 Resp: 109953

Ion	Ratio	Lower	Upper
225	100		
223	65.9	49.0	73.6
227	66.3	49.9	74.9

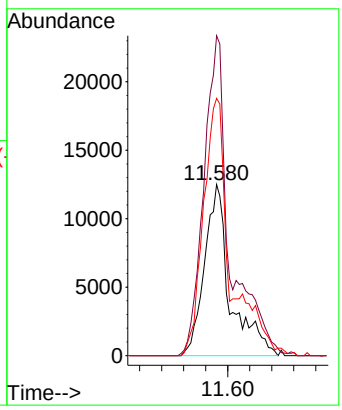




#35
Caprolactam
Concen: 76.417 ng
RT: 11.580 min Scan# 14
Delta R.T. 0.070 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:113 Resp: 4033

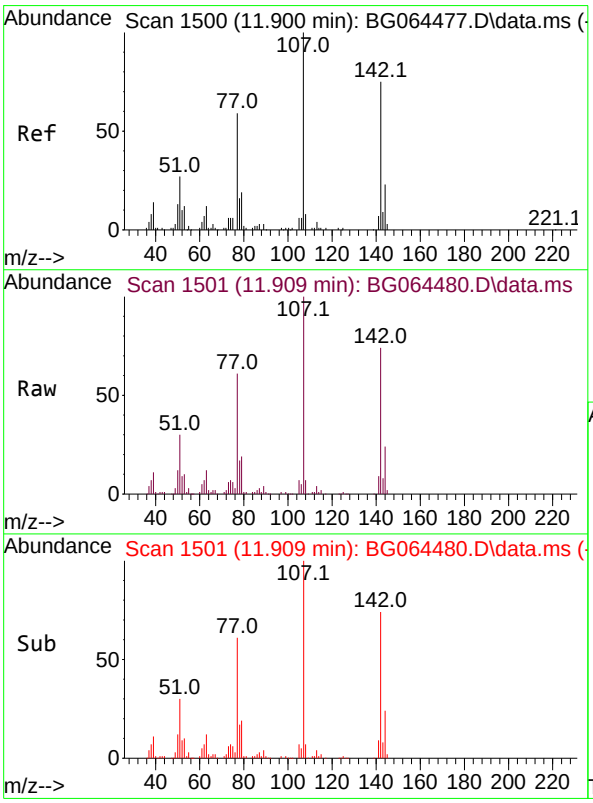
Ion	Ratio	Lower	Upper
113	100		
55	187.1	162.0	202.0
56	150.3	134.6	174.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

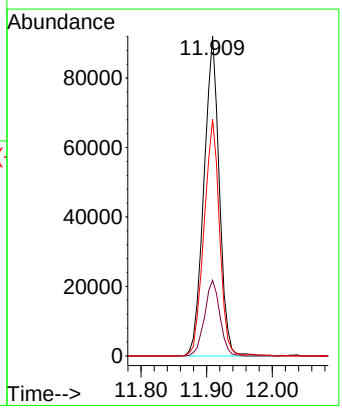
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

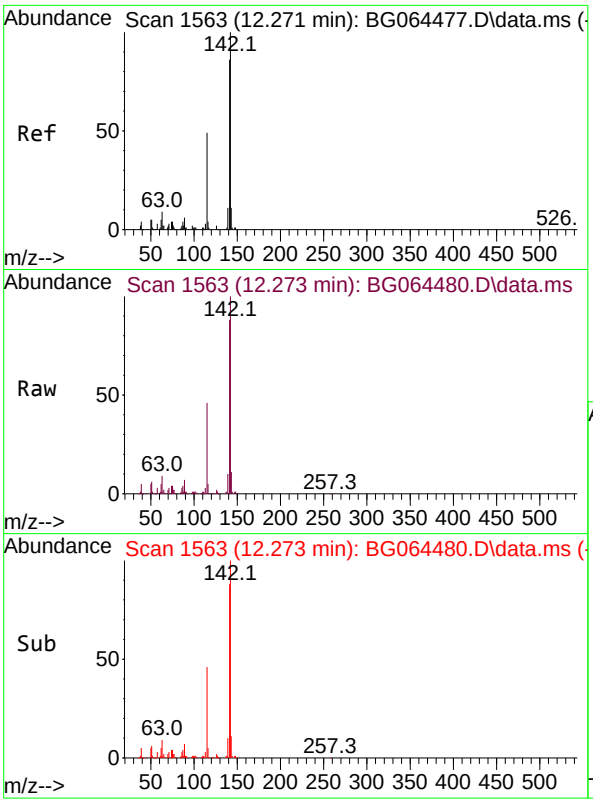


#36
4-Chloro-3-methylphenol
Concen: 79.618 ng
RT: 11.909 min Scan# 1501
Delta R.T. 0.017 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:107 Resp: 149274

Ion	Ratio	Lower	Upper
107	100		
144	23.6	18.7	28.1
142	73.9	60.2	90.2

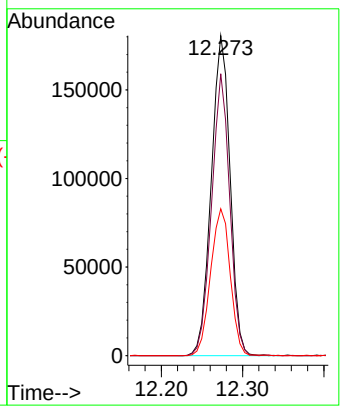




#37
2-Methylnaphthalene
Concen: 77.931 ng
RT: 12.273 min Scan# 1
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:142 Resp: 291318

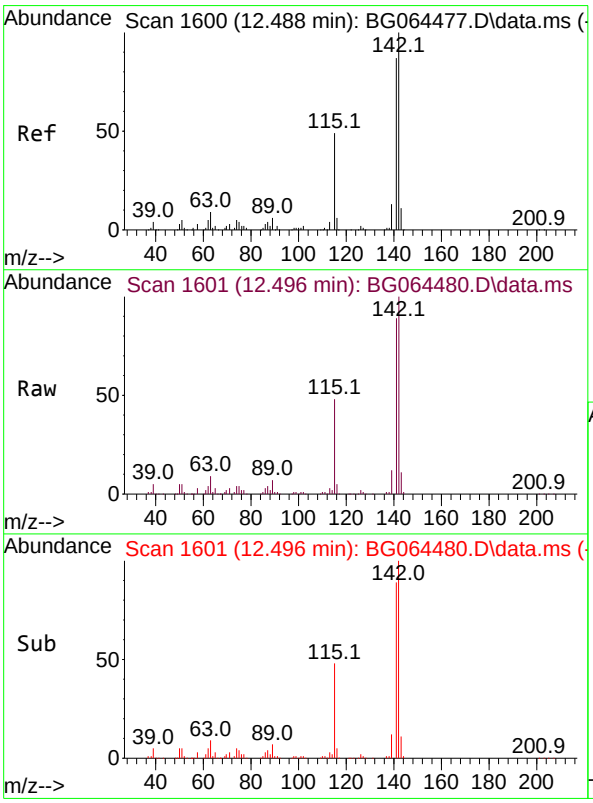
Ion	Ratio	Lower	Upper
142	100		
141	88.1	68.7	103.1
115	45.9	39.3	58.9



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

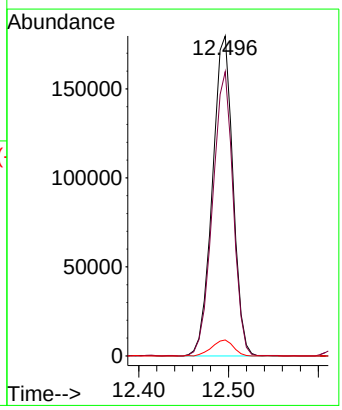
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

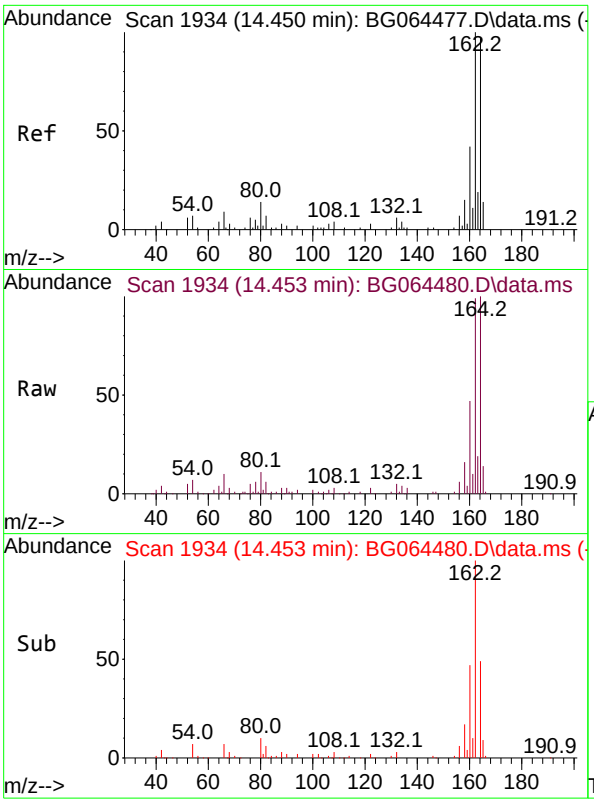


#38
1-Methylnaphthalene
Concen: 76.924 ng
RT: 12.496 min Scan# 1601
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:142 Resp: 286731

Ion	Ratio	Lower	Upper
142	100		
141	88.8	69.8	104.8
116	5.0	4.6	6.8

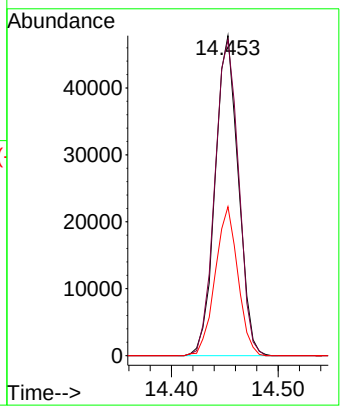




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.453 min Scan# 19
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:164 Resp: 7207

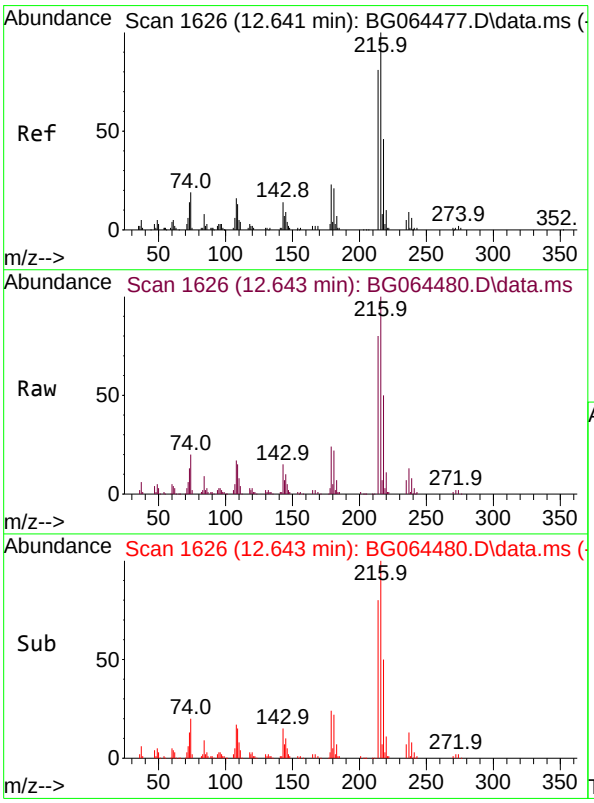
Ion	Ratio	Lower	Upper
164	100		
162	98.7	82.2	123.2
160	46.5	34.3	51.5



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

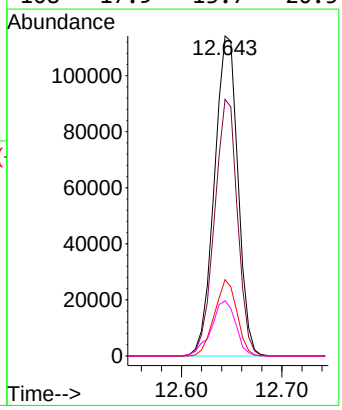
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

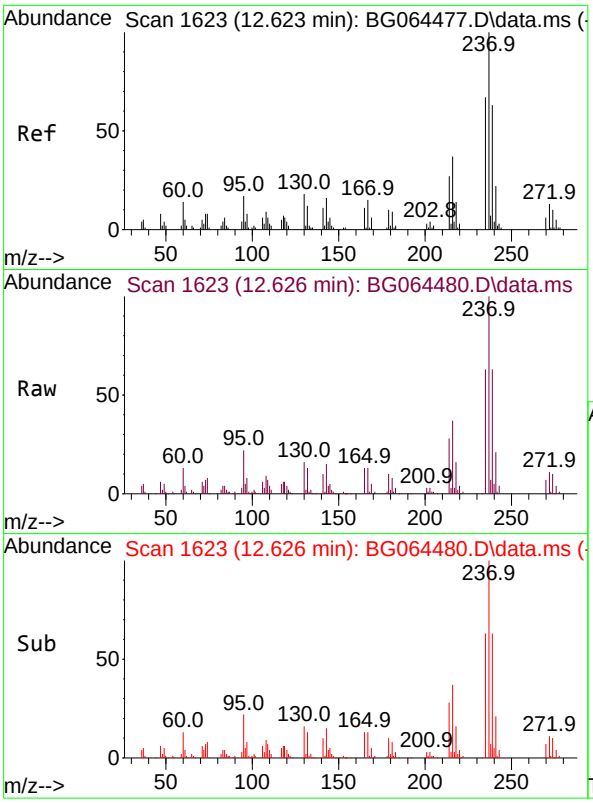


#40
1,2,4,5-Tetrachlorobenzene
Concen: 80.056 ng
RT: 12.643 min Scan# 1626
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:216 Resp: 186298

Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.5	93.7
179	22.7	17.0	25.6
108	17.9	13.7	20.5

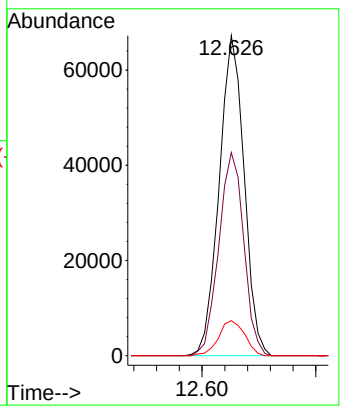




#41
Hexachlorocyclopentadiene
Concen: 84.207 ng
RT: 12.626 min Scan# 1
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:237 Resp: 10250

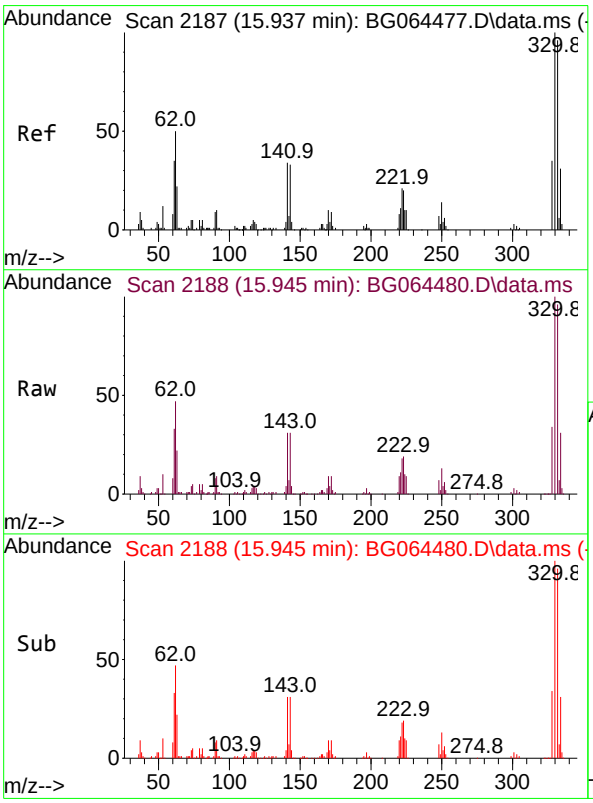
Ion	Ratio	Lower	Upper
237	100		
235	63.4	46.9	86.9
272	10.9	0.0	32.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

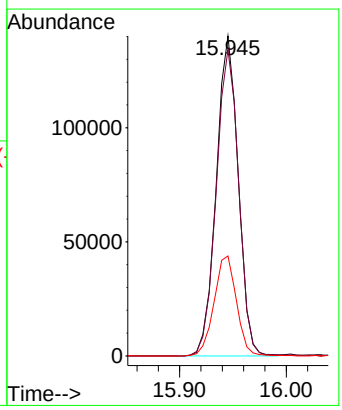
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

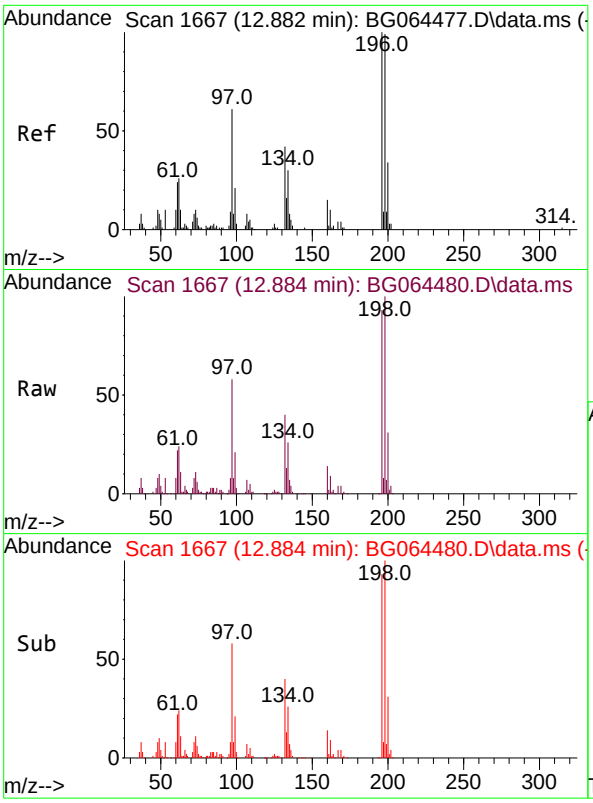


#42
2,4,6-Tribromophenol
Concen: 153.817 ng
RT: 15.945 min Scan# 2188
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:330 Resp: 200950

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.4	116.0
141	31.9	25.8	38.6

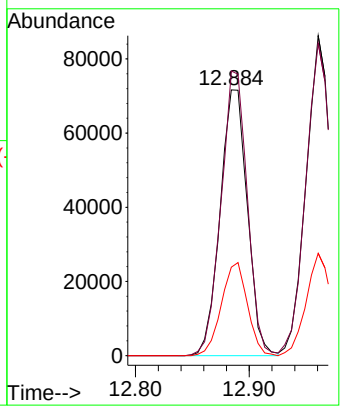




#43
2,4,6-Trichlorophenol
Concen: 80.265 ng
RT: 12.884 min Scan# 1
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:196 Resp: 11940

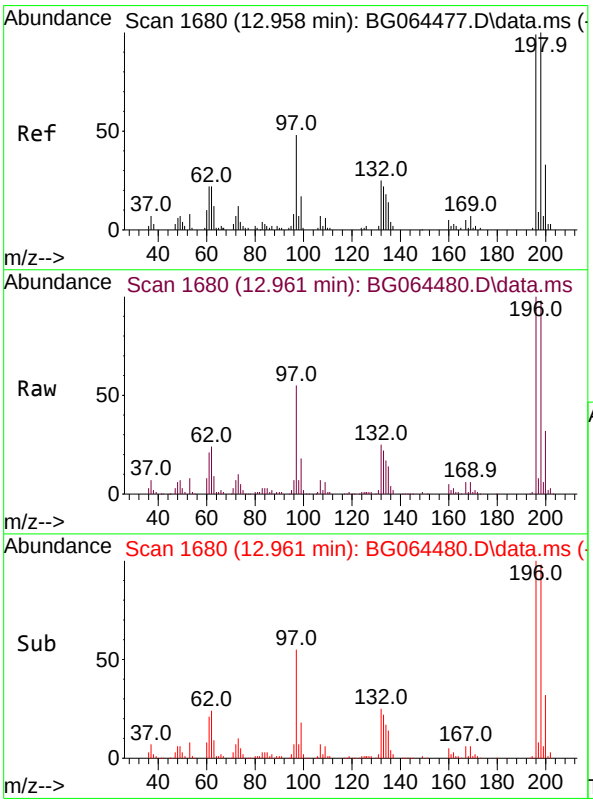
Ion	Ratio	Lower	Upper
196	100		
198	107.1	79.3	118.9
200	33.3	27.4	41.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

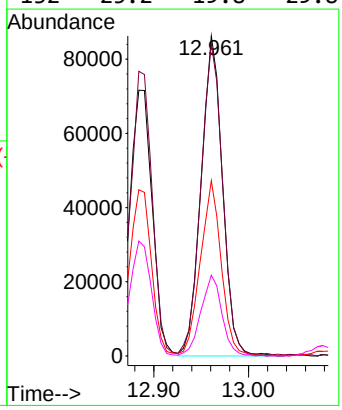
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

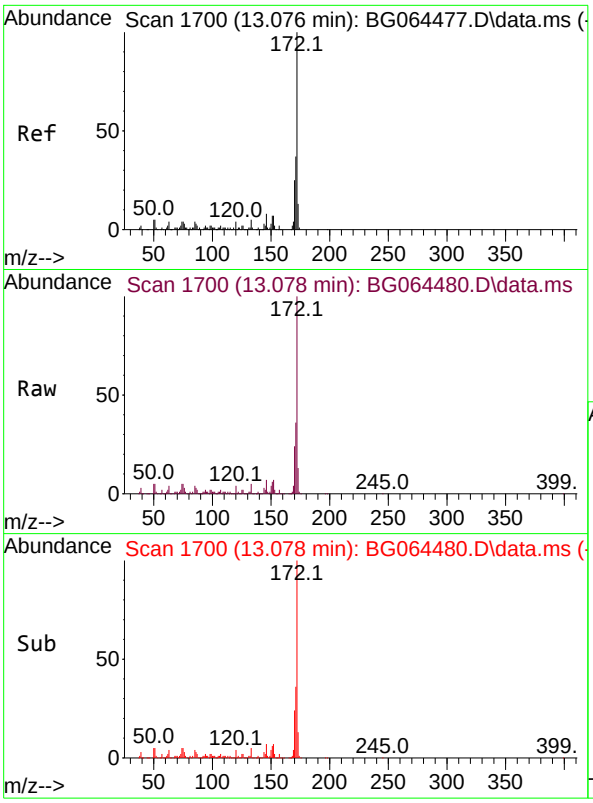


#44
2,4,5-Trichlorophenol
Concen: 81.602 ng
RT: 12.961 min Scan# 1680
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:196 Resp: 135525

Ion	Ratio	Lower	Upper
196	100		
198	97.6	80.3	120.5
97	54.8	39.4	59.0
132	25.2	19.8	29.8

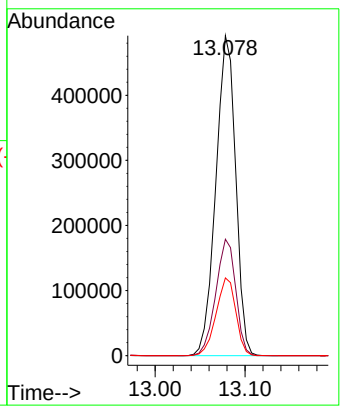




#45
2-Fluorobiphenyl
Concen: 154.518 ng
RT: 13.078 min Scan# 1
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:172 Resp: 75553

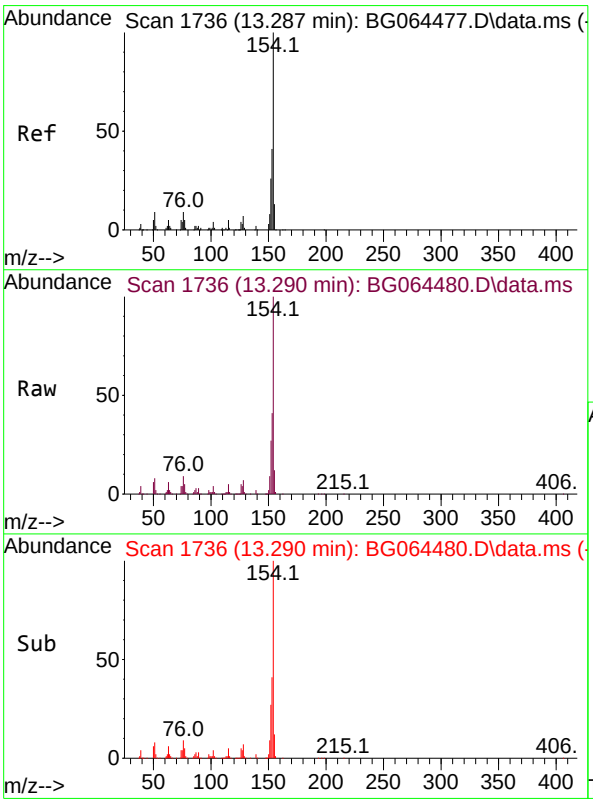
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.3	20.2	30.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations
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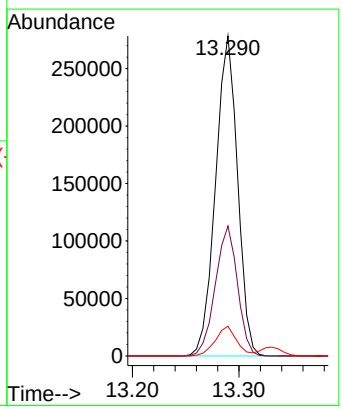
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

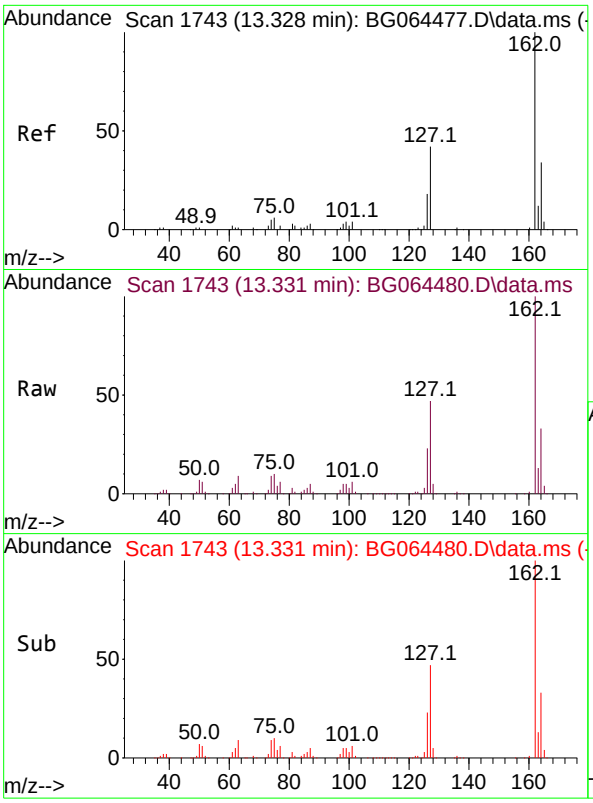


#46
1,1'-Biphenyl
Concen: 77.125 ng
RT: 13.290 min Scan# 1736
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:154 Resp: 399798

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.7	60.7
76	9.3	0.0	29.3

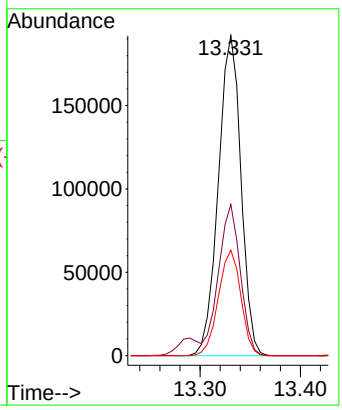




#47
2-Chloronaphthalene
Concen: 77.951 ng
RT: 13.331 min Scan# 1
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:162 Resp: 30169

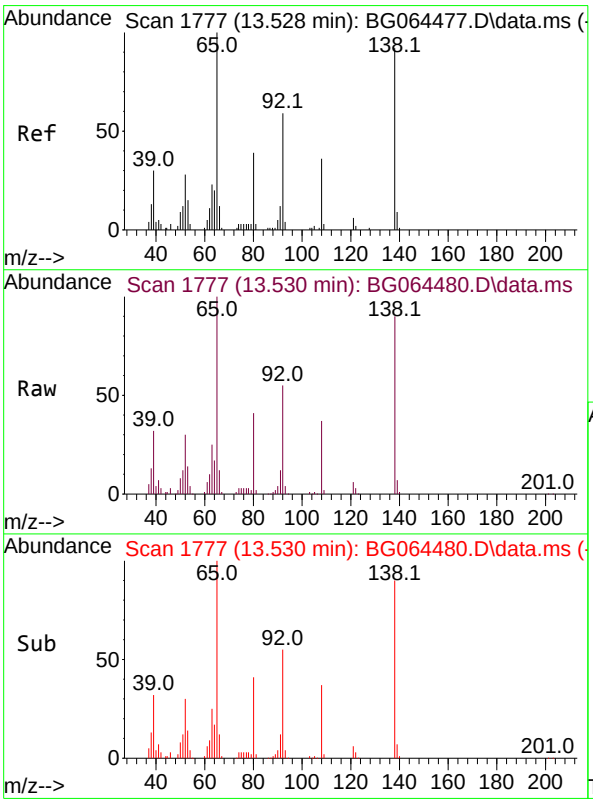
Ion	Ratio	Lower	Upper
162	100		
127	47.2	35.8	53.8
164	32.9	27.2	40.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

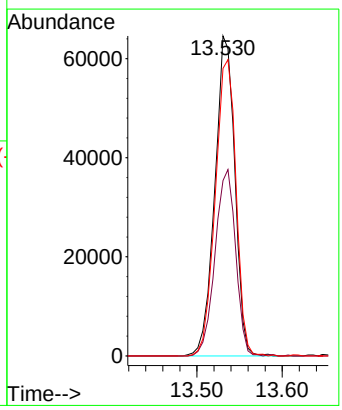
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

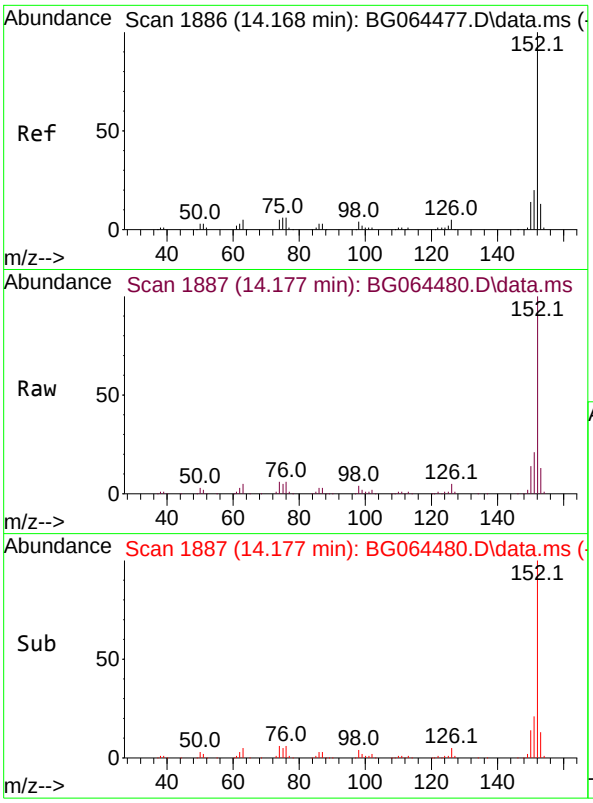


#48
2-Nitroaniline
Concen: 79.555 ng
RT: 13.530 min Scan# 1777
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion: 65 Resp: 105087

Ion	Ratio	Lower	Upper
65	100		
92	54.8	47.0	70.6
138	89.8	73.5	110.3

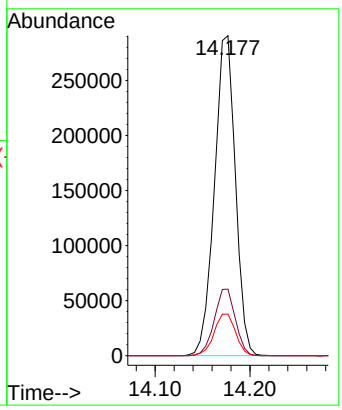




#49
Acenaphthylene
Concen: 77.600 ng
RT: 14.177 min Scan# 18
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:152 Resp: 445834

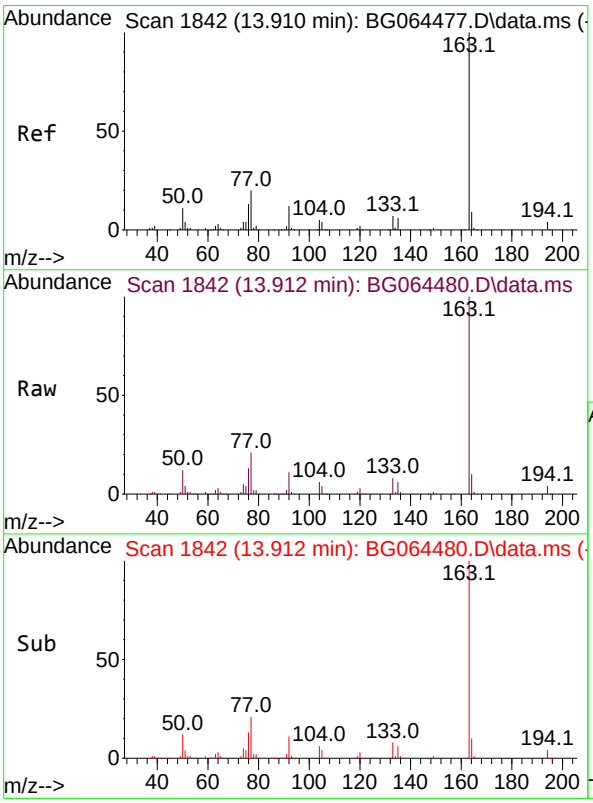
Ion	Ratio	Lower	Upper
152	100		
151	20.8	15.8	23.6
153	13.0	10.6	15.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

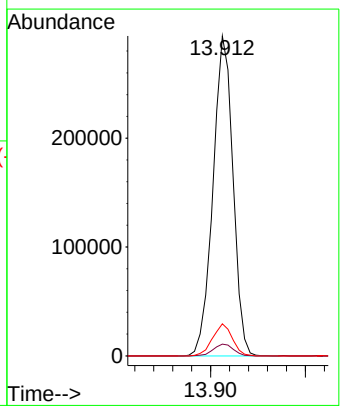
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

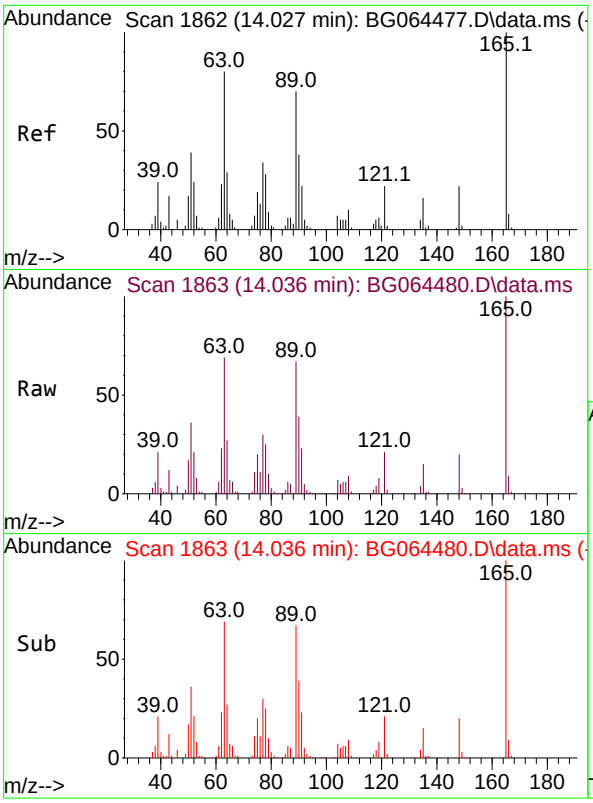


#50
Dimethylphthalate
Concen: 76.251 ng
RT: 13.912 min Scan# 1842
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:163 Resp: 430419

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.9	4.3
164	10.0	7.4	11.0

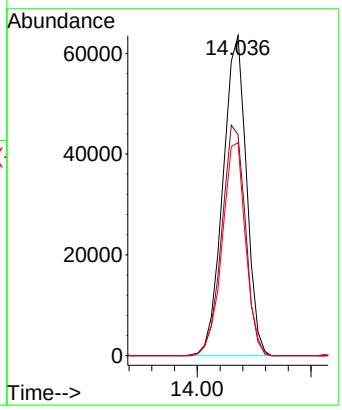




#51
2,6-Dinitrotoluene
Concen: 77.551 ng
RT: 14.036 min Scan# 18
Delta R.T. 0.017 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:165 Resp: 91191

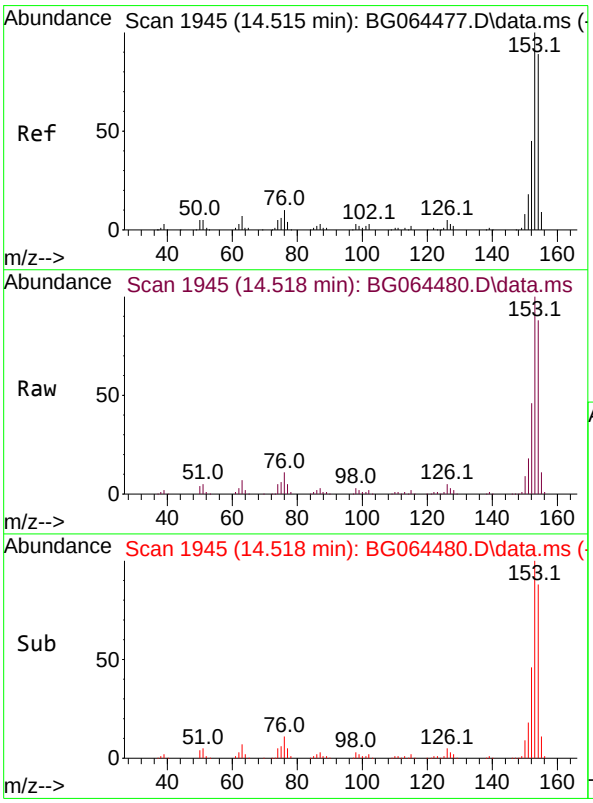
Ion	Ratio	Lower	Upper
165	100		
63	69.0	63.9	95.9
89	66.6	56.1	84.1



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

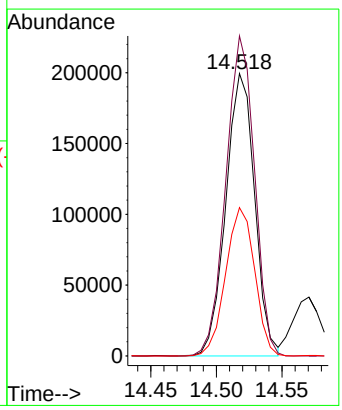
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

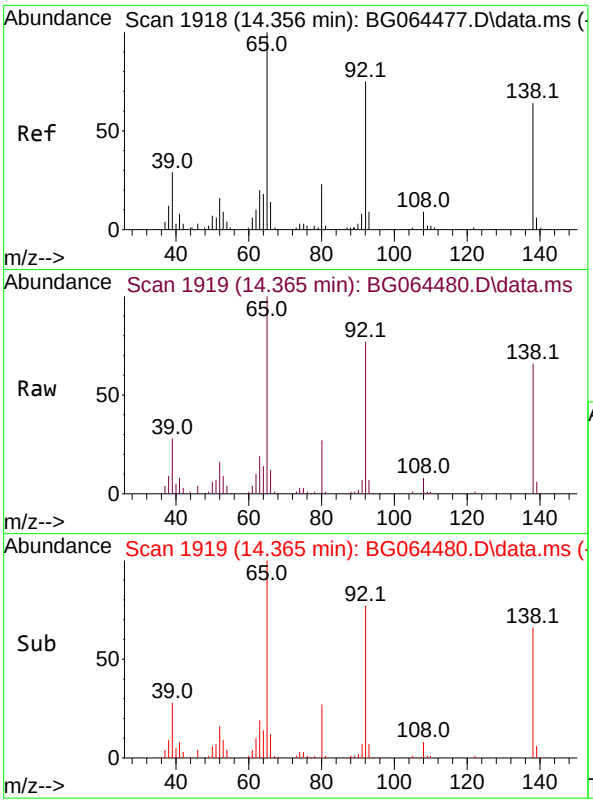


#52
Acenaphthene
Concen: 76.421 ng
RT: 14.518 min Scan# 1945
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:154 Resp: 305038

Ion	Ratio	Lower	Upper
154	100		
153	113.3	90.2	135.4
152	52.5	40.2	60.4

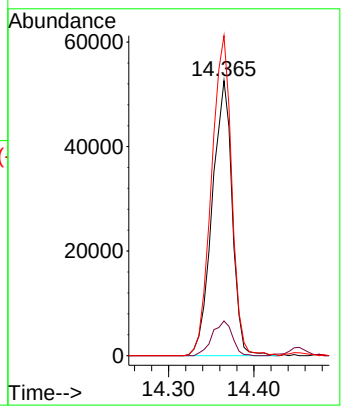




#53
3-Nitroaniline
Concen: 78.688 ng
RT: 14.365 min Scan# 19
Delta R.T. 0.017 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:138 Resp: 8533

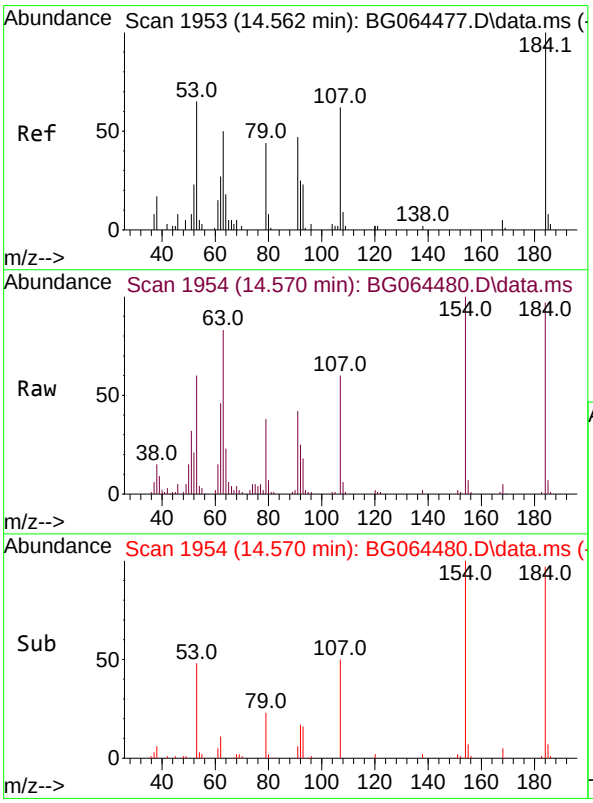
Ion	Ratio	Lower	Upper
138	100		
108	12.6	10.6	15.8
92	116.4	93.2	139.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

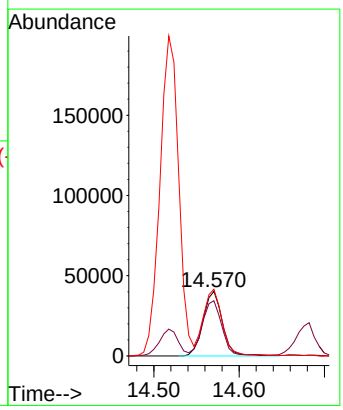
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

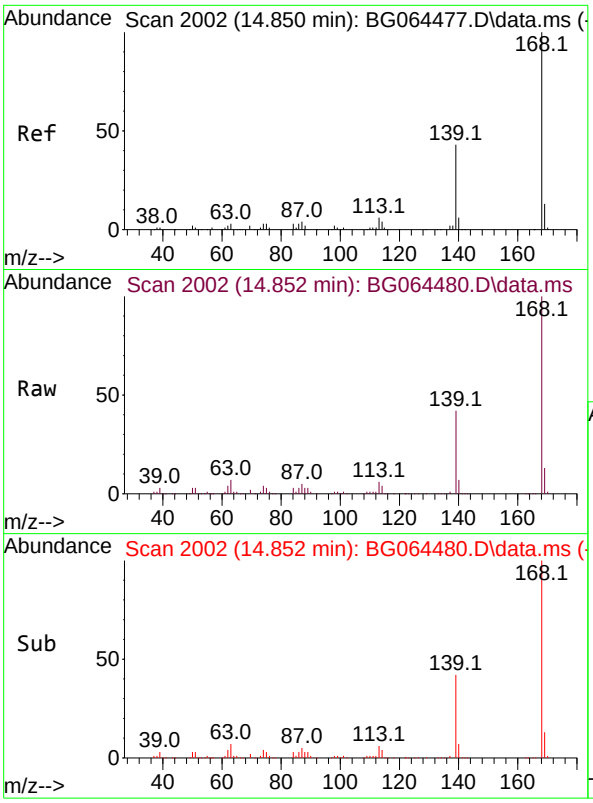


#54
2,4-Dinitrophenol
Concen: 74.326 ng
RT: 14.570 min Scan# 1954
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:184 Resp: 63374

Ion	Ratio	Lower	Upper
184	100		
63	85.4	69.0	103.4
154	103.1	95.6	143.4

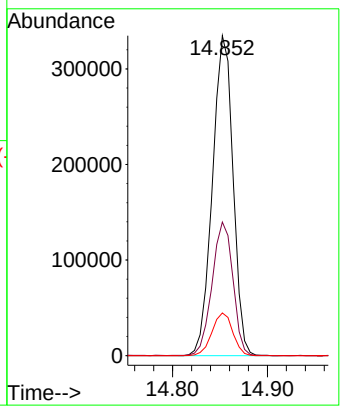




#55
Dibenzofuran
Concen: 76.684 ng
RT: 14.852 min Scan# 2
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:168 Resp: 50539

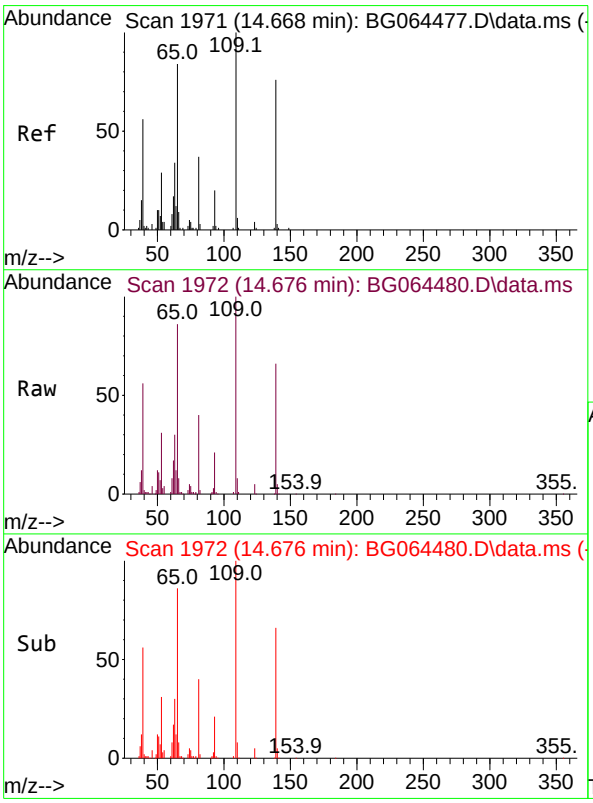
Ion	Ratio	Lower	Upper
168	100		
139	41.7	34.0	51.0
169	13.3	10.2	15.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

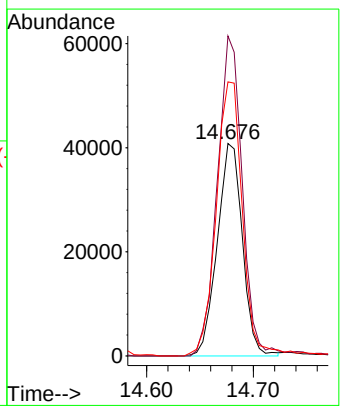
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

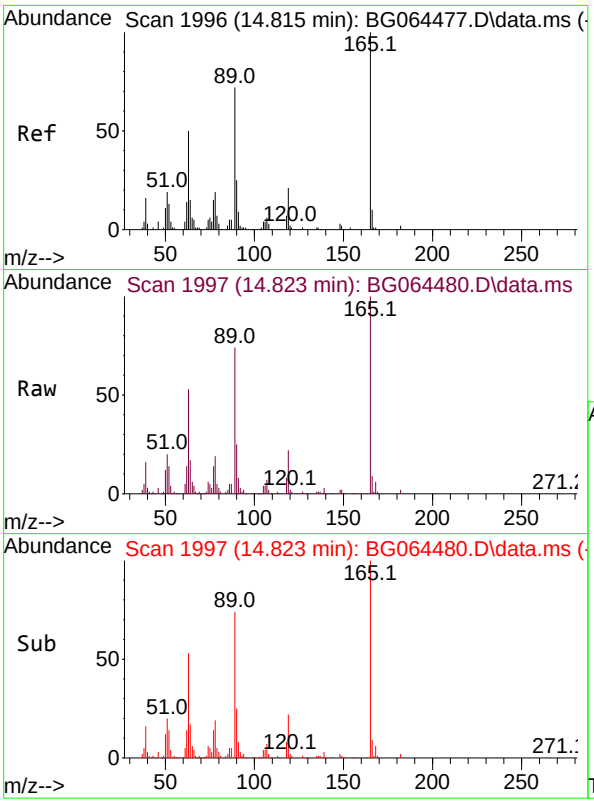


#56
4-Nitrophenol
Concen: 78.369 ng
RT: 14.676 min Scan# 1972
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:139 Resp: 66912

Ion	Ratio	Lower	Upper
139	100		
109	150.7	111.8	151.8
65	129.0	91.1	131.1

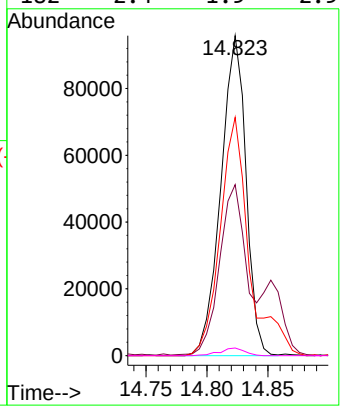




#57
2,4-Dinitrotoluene
Concen: 76.527 ng
RT: 14.823 min Scan# 19
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:165 Resp: 13756

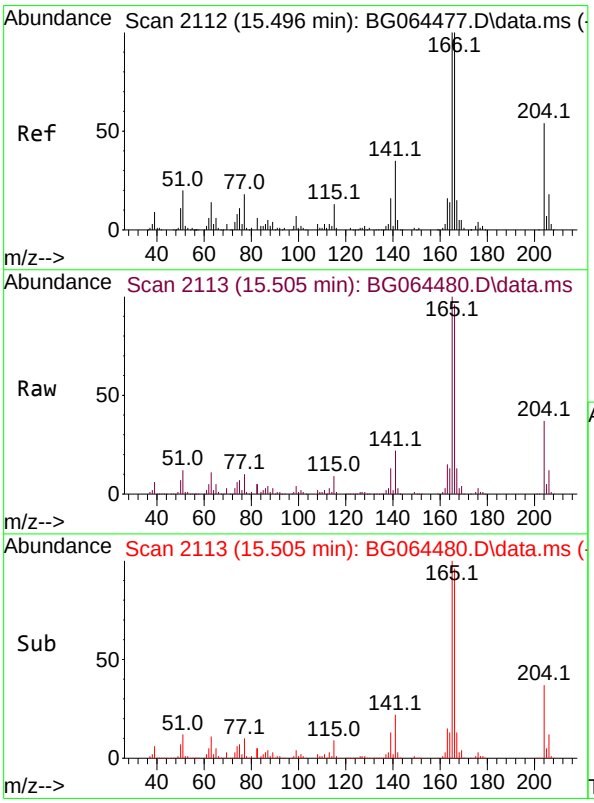
Ion	Ratio	Lower	Upper
165	100		
63	53.4	40.4	60.6
89	74.4	57.3	85.9
182	2.4	1.9	2.9



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

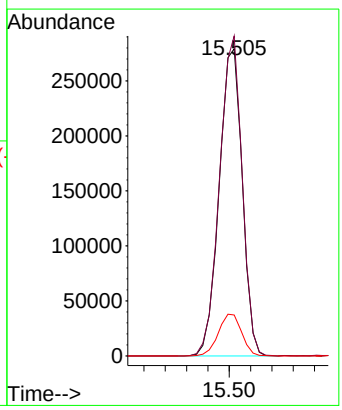
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

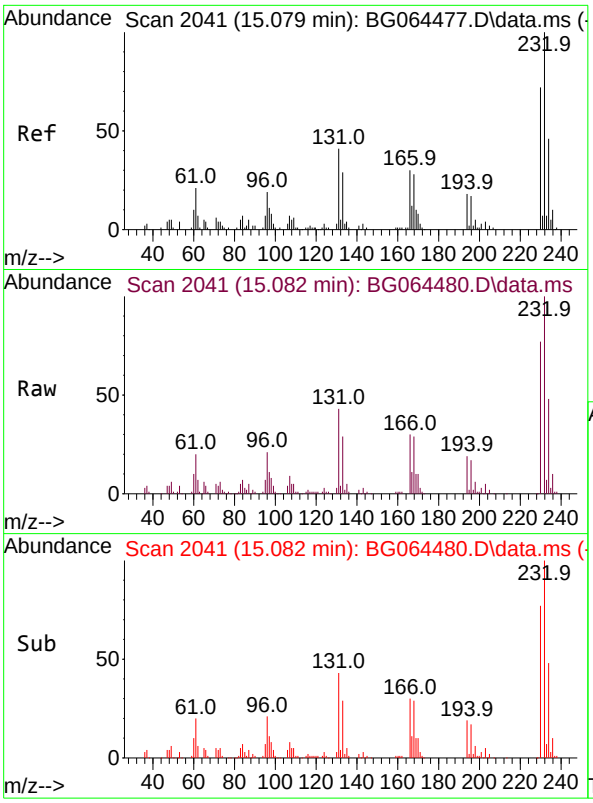


#58
Fluorene
Concen: 76.728 ng
RT: 15.505 min Scan# 2113
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:166 Resp: 420400

Ion	Ratio	Lower	Upper
166	100		
165	104.2	79.8	119.6
167	13.3	11.7	17.5

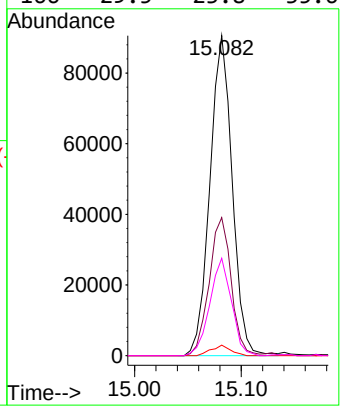




#59
2,3,4,6-Tetrachlorophenol
Concen: 77.799 ng
RT: 15.082 min Scan# 20
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:232 Resp: 13186

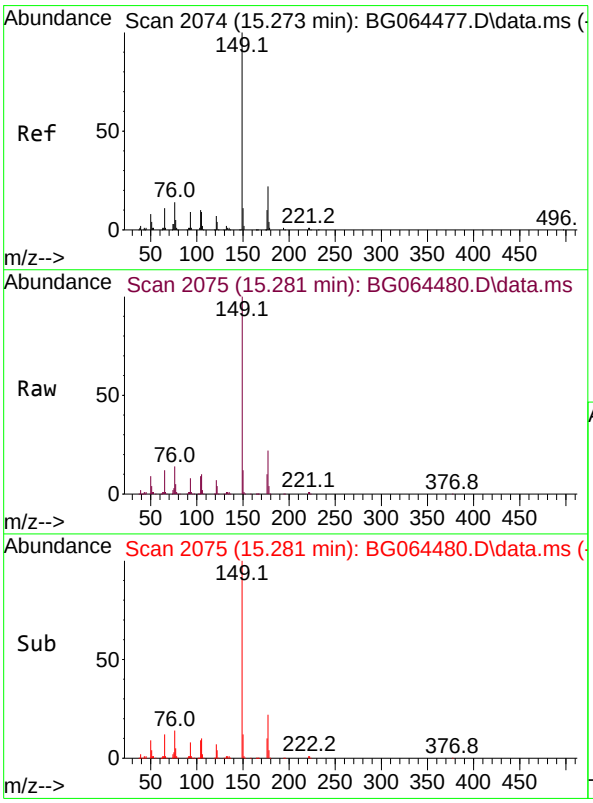
Ion	Ratio	Lower	Upper
232	100		
131	43.0	35.0	52.4
130	2.8	2.0	3.0
166	29.5	23.8	35.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

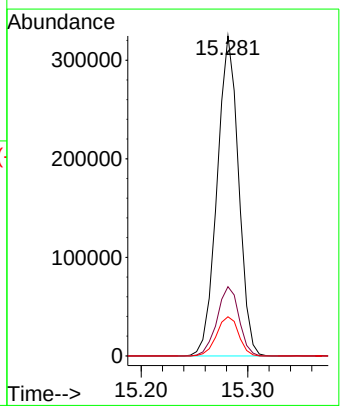
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

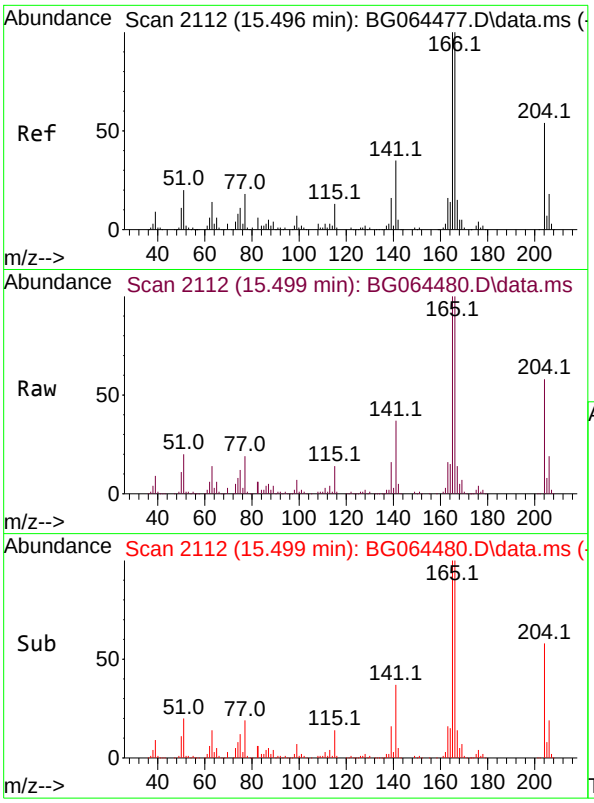


#60
Diethylphthalate
Concen: 75.126 ng
RT: 15.281 min Scan# 2075
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:149 Resp: 454922

Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.4	26.0
150	12.2	9.1	13.7

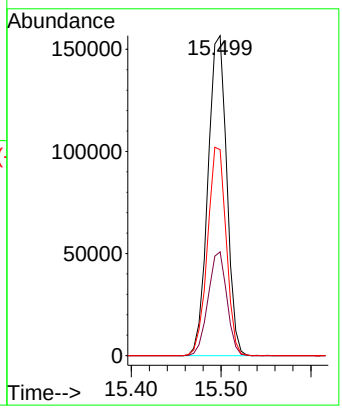




#61
4-Chlorophenyl-phenylether
Concen: 76.517 ng
RT: 15.499 min Scan# 21
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:204 Resp: 22888

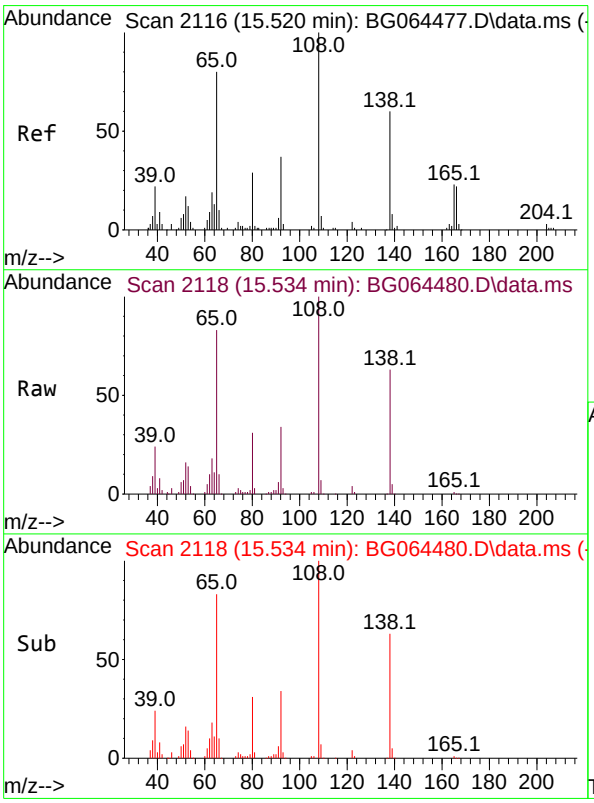
Ion	Ratio	Lower	Upper
204	100		
206	32.5	27.1	40.7
141	64.4	51.5	77.3



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

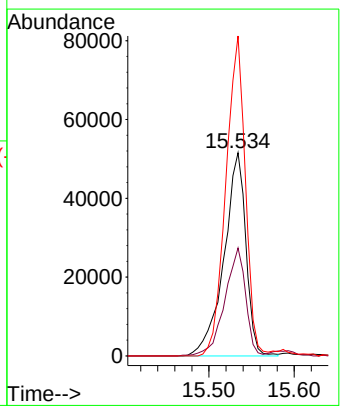
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

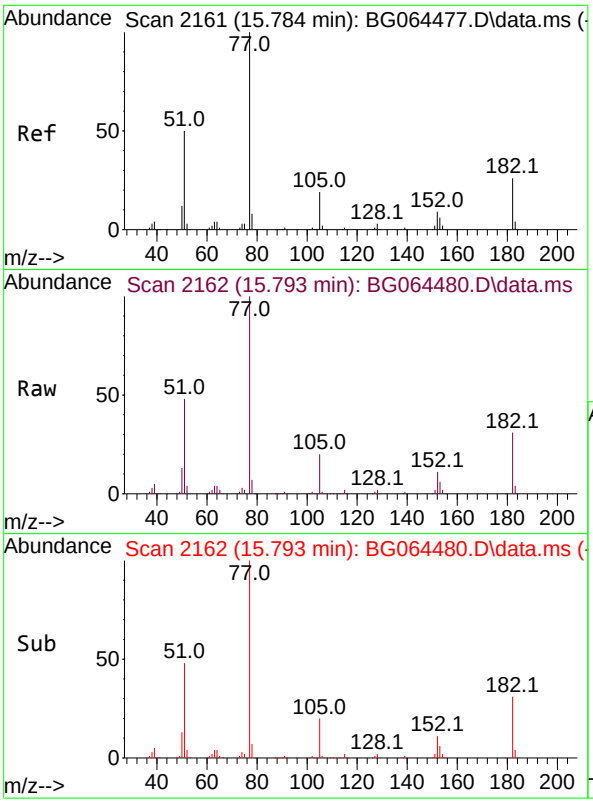


#62
4-Nitroaniline
Concen: 81.579 ng
RT: 15.534 min Scan# 2118
Delta R.T. 0.023 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:138 Resp: 92207

Ion	Ratio	Lower	Upper
138	100		
92	53.1	42.3	82.3
108	157.6	147.7	187.7

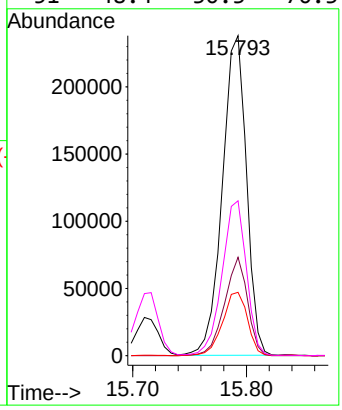




#63
Azobenzene
Concen: 74.723 ng
RT: 15.793 min Scan# 21
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion: 77 Resp: 35043

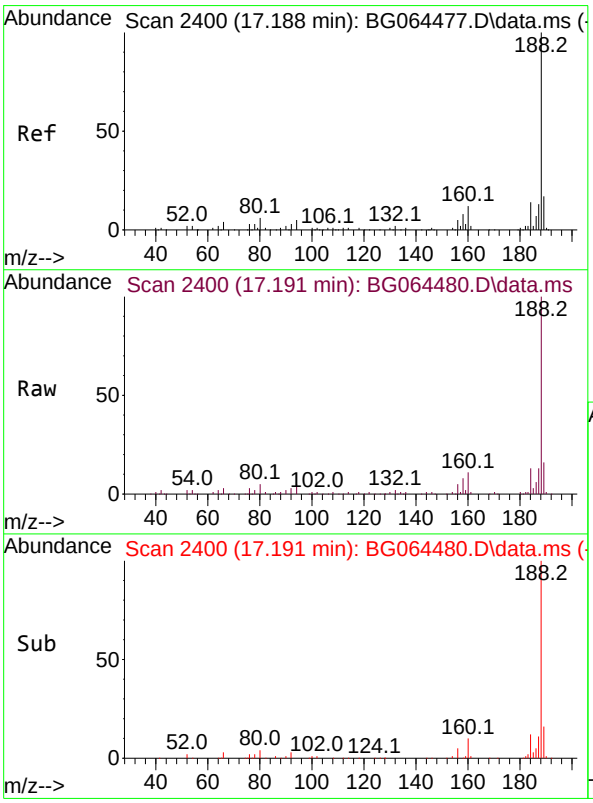
Ion	Ratio	Lower	Upper
77	100		
182	30.7	6.3	46.3
105	19.8	0.0	38.7
51	48.4	30.3	70.3



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

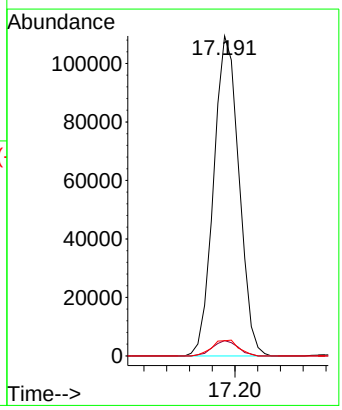
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

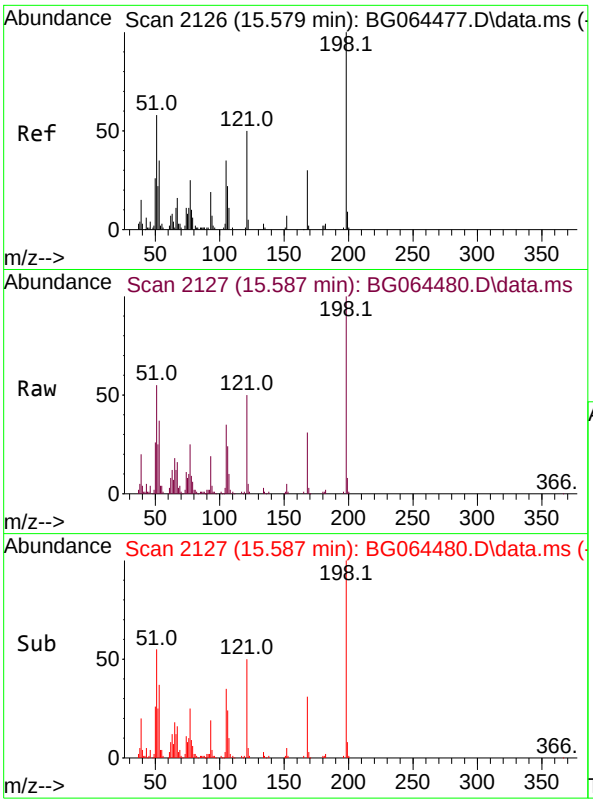


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.191 min Scan# 2400
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:188 Resp: 168856

Ion	Ratio	Lower	Upper
188	100		
94	4.8	3.7	5.5
80	4.7	4.5	6.7

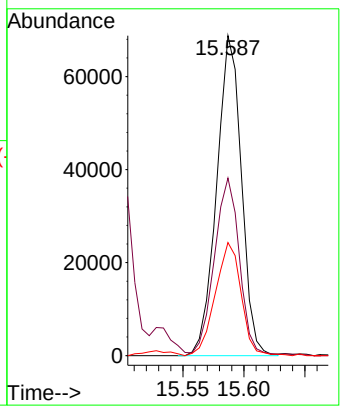




#65
4,6-Dinitro-2-methylphenol
Concen: 82.760 ng
RT: 15.587 min Scan# 21
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:198 Resp: 9730

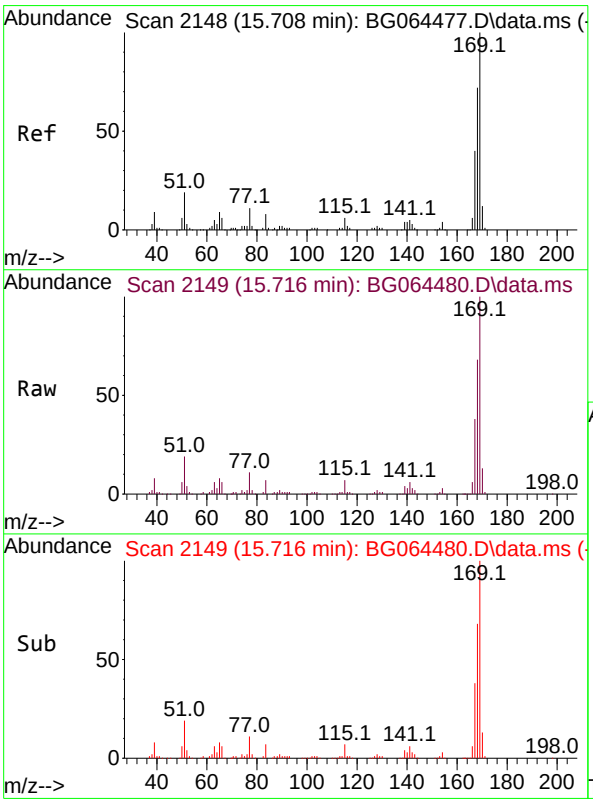
Ion	Ratio	Lower	Upper
198	100		
51	55.5	39.0	79.0
105	35.3	15.8	55.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

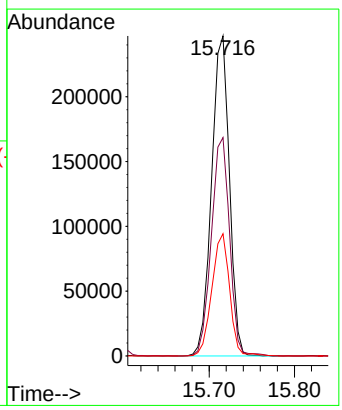
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

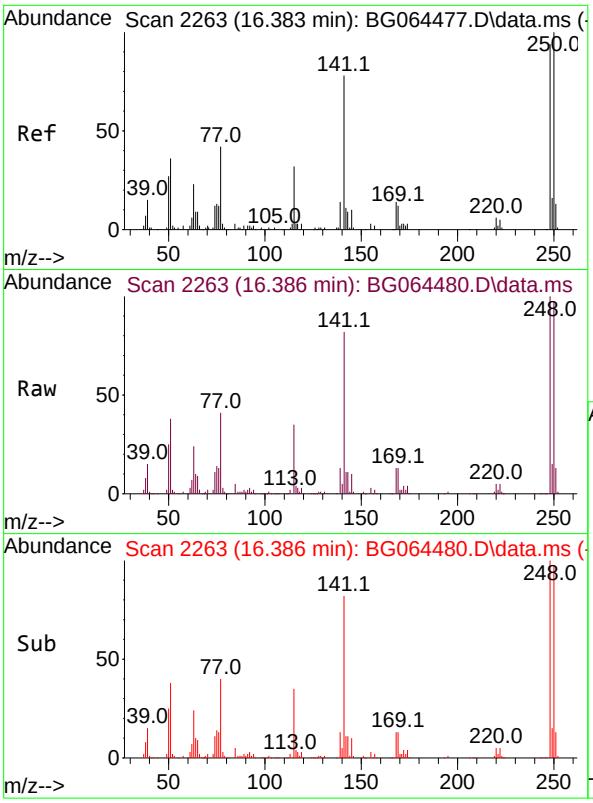


#66
n-Nitrosodiphenylamine
Concen: 79.230 ng
RT: 15.716 min Scan# 2149
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:169 Resp: 357258

Ion	Ratio	Lower	Upper
169	100		
168	68.2	57.8	86.6
167	38.2	31.7	47.5

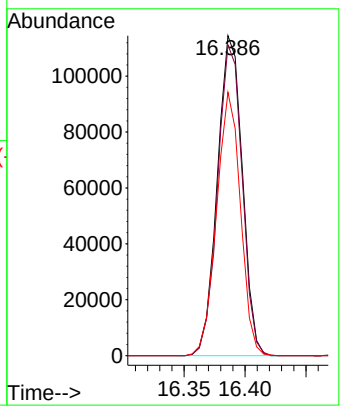




#67
4-Bromophenyl-phenylether
Concen: 81.997 ng
RT: 16.386 min Scan# 2
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:248 Resp: 16293

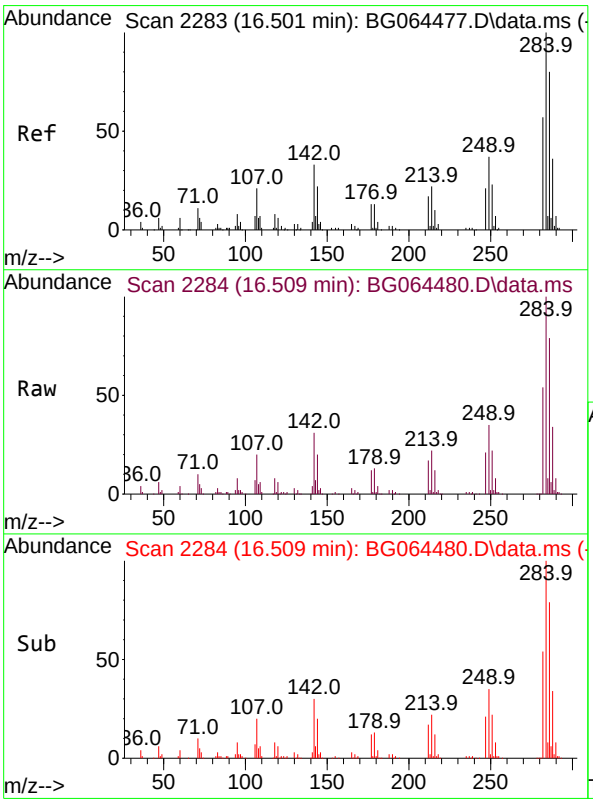
Ion	Ratio	Lower	Upper
248	100		
250	97.1	85.3	127.9
141	82.3	66.2	99.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

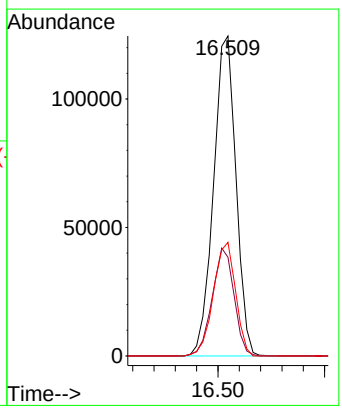
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

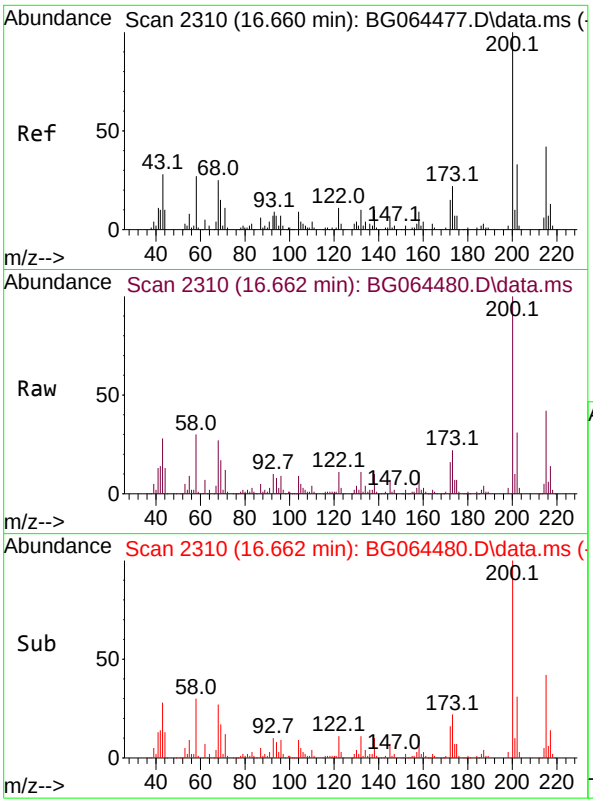


#68
Hexachlorobenzene
Concen: 80.068 ng
RT: 16.509 min Scan# 2284
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:284 Resp: 182054

Ion	Ratio	Lower	Upper
284	100		
142	30.8	26.2	39.2
249	35.5	29.4	44.0

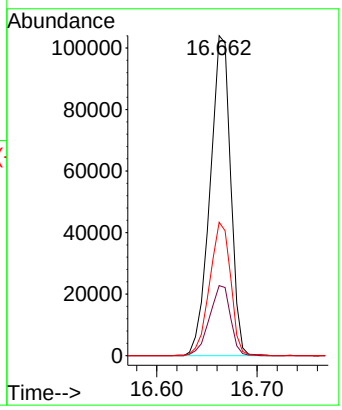




#69
Atrazine
Concen: 73.799 ng
RT: 16.662 min Scan# 2
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:200 Resp: 14805

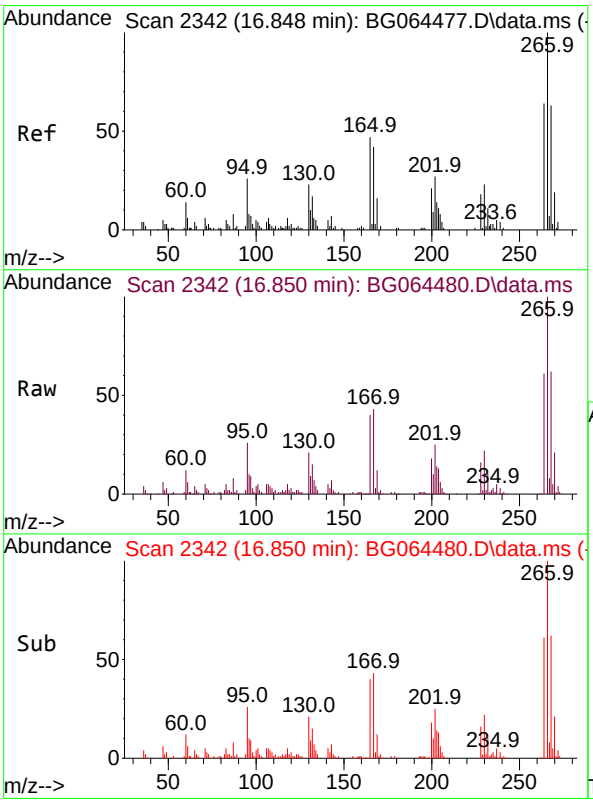
Ion	Ratio	Lower	Upper
200	100		
173	21.9	2.5	42.5
215	41.7	21.5	61.5



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

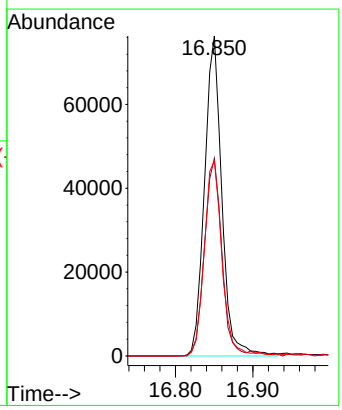
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

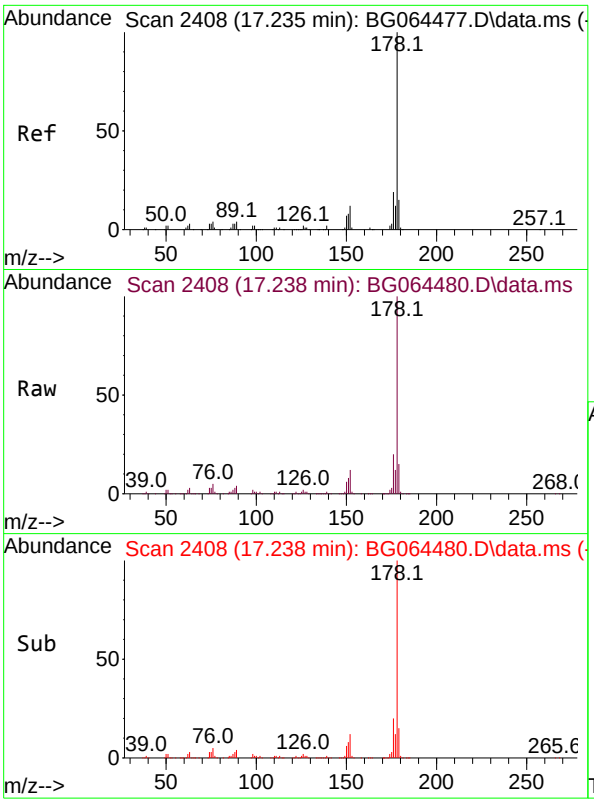


#70
Pentachlorophenol
Concen: 88.752 ng
RT: 16.850 min Scan# 2342
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:266 Resp: 117991

Ion	Ratio	Lower	Upper
266	100		
268	61.7	50.6	75.8
264	60.9	51.2	76.8

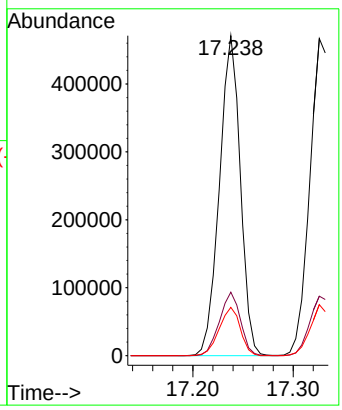




#71
Phenanthrene
Concen: 77.283 ng
RT: 17.238 min Scan# 24
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:178 Resp: 68244

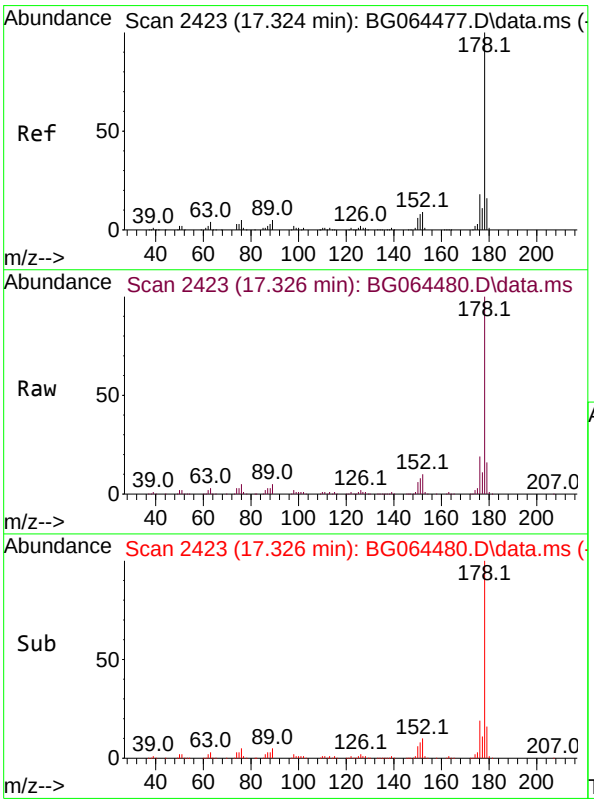
Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.2	22.8
179	15.1	11.8	17.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

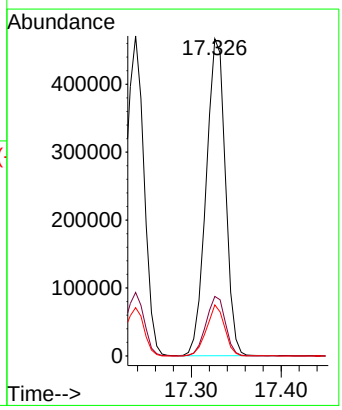
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

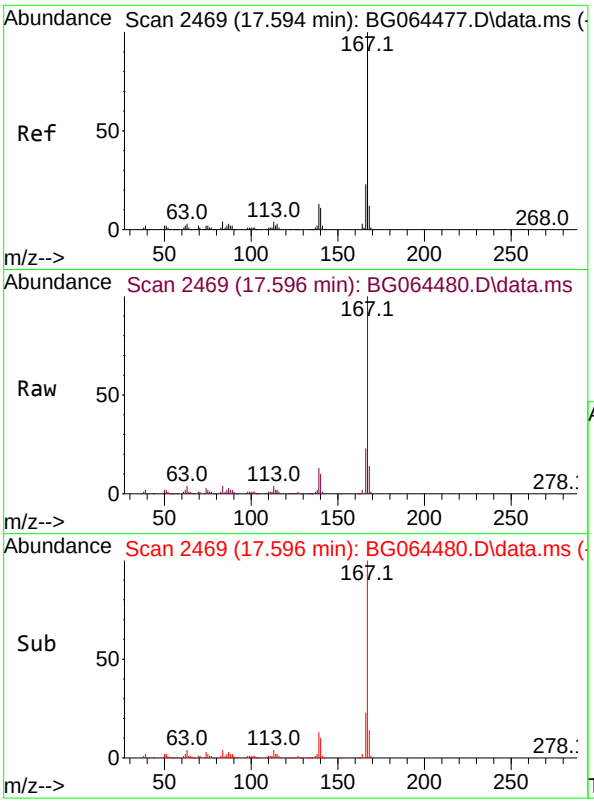


#72
Anthracene
Concen: 78.433 ng
RT: 17.326 min Scan# 2423
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:178 Resp: 694820

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.6	21.8
179	16.1	12.5	18.7

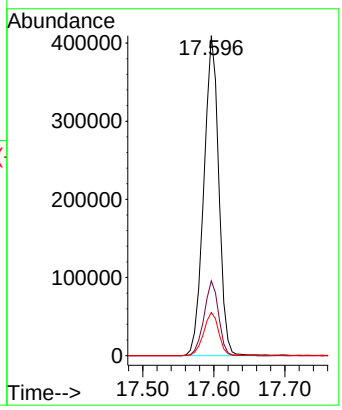




#73
Carbazole
Concen: 77.661 ng
RT: 17.596 min Scan# 24
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:167 Resp: 59466

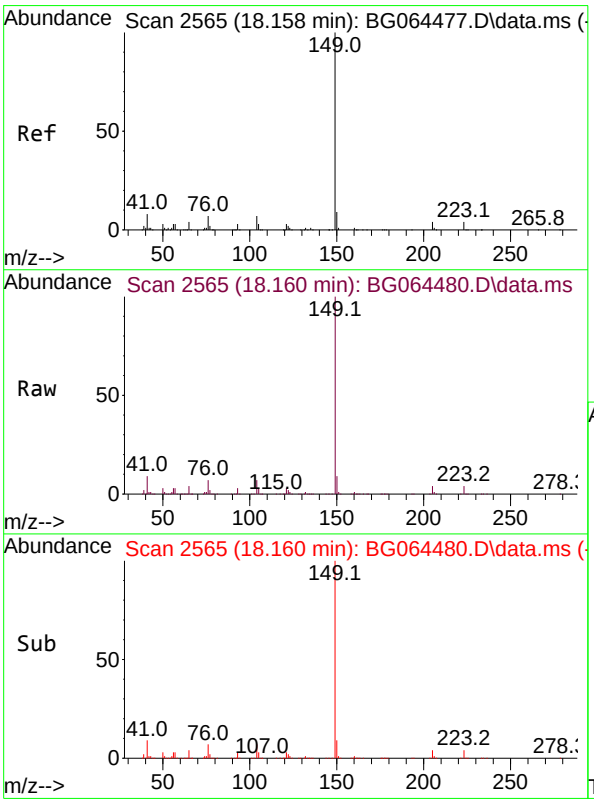
Ion	Ratio	Lower	Upper
167	100		
166	23.4	18.6	27.8
139	13.5	10.2	15.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

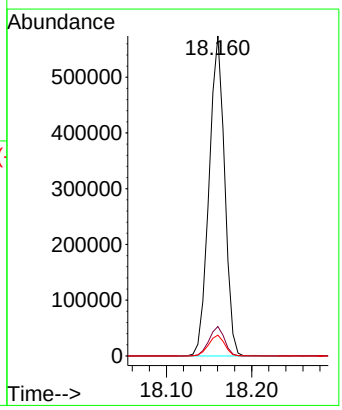
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

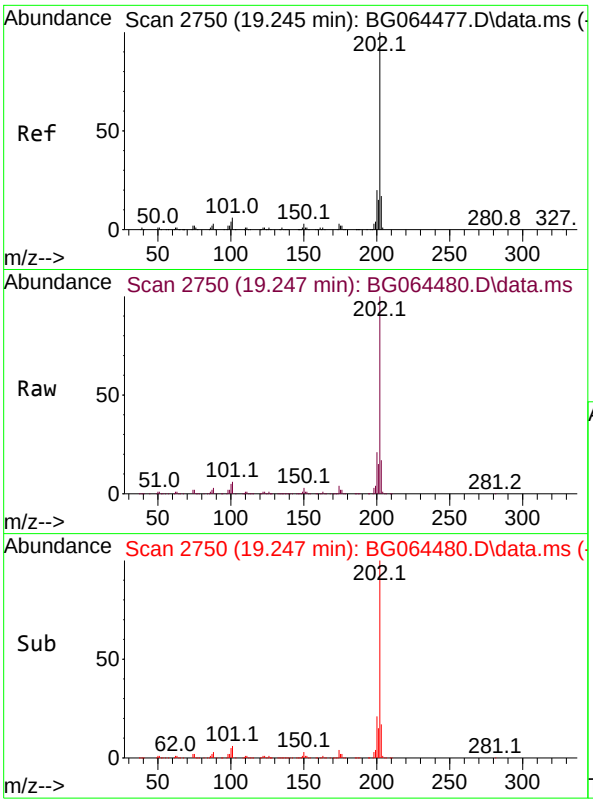


#74
Di-n-butylphthalate
Concen: 77.727 ng
RT: 18.160 min Scan# 2565
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:149 Resp: 726555

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	6.5	5.3	7.9

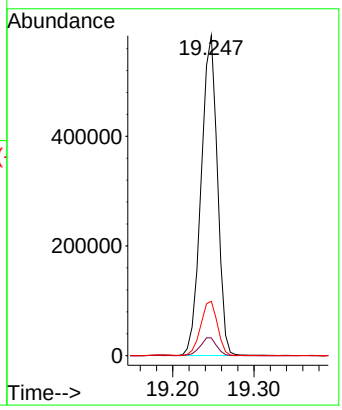




#75
Fluoranthene
Concen: 77.060 ng
RT: 19.247 min Scan# 2
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:202 Resp: 81292

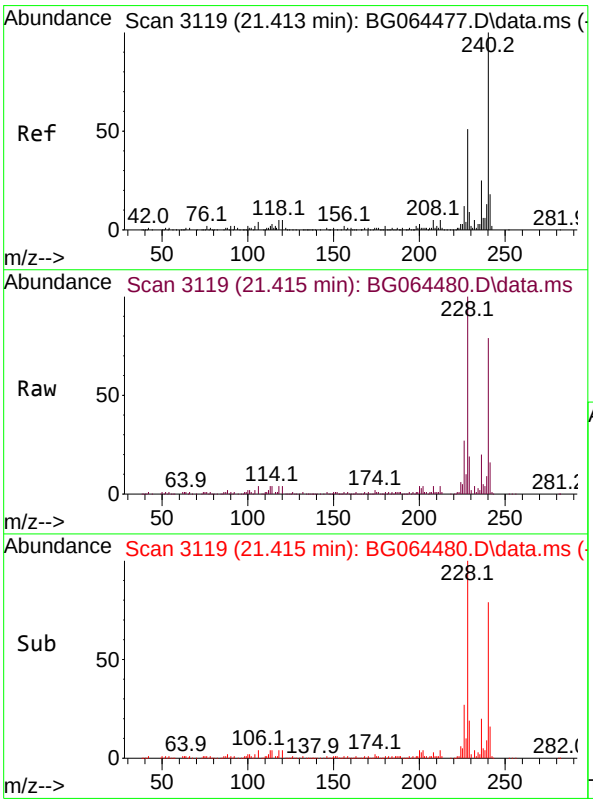
Ion	Ratio	Lower	Upper
202	100		
101	5.5	0.0	25.7
203	17.0	0.0	36.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

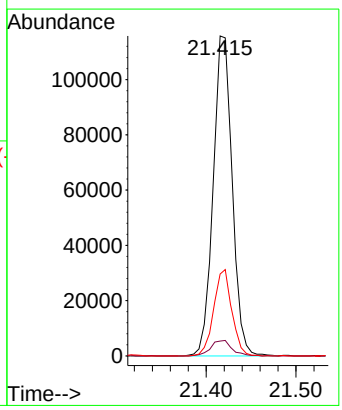
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

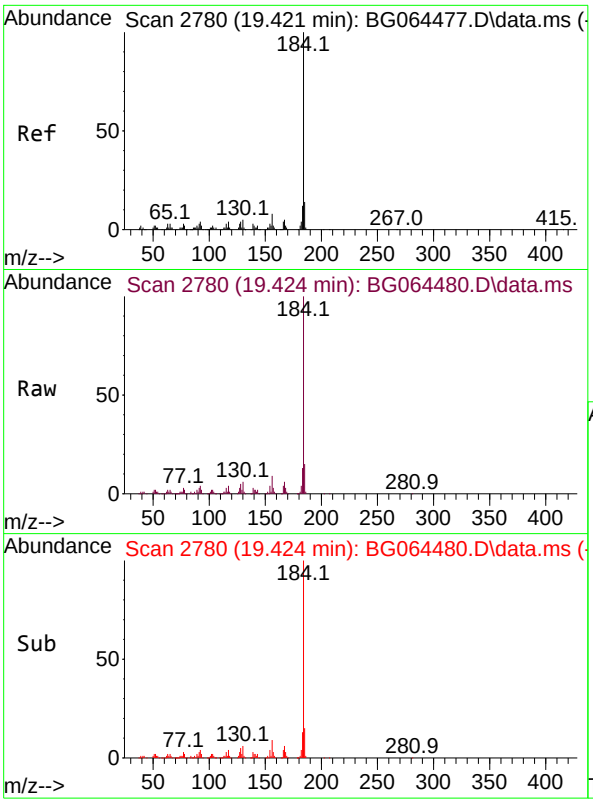


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 3119
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:240 Resp: 171497

Ion	Ratio	Lower	Upper
240	100		
120	4.6	4.3	6.5
236	25.6	20.4	30.6

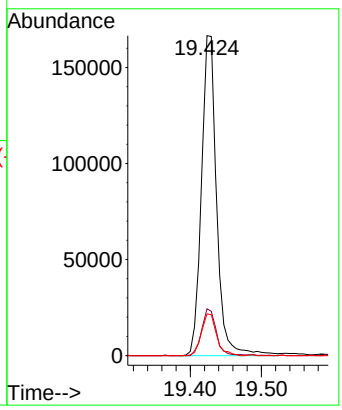




#77
Benzidine
Concen: 57.755 ng
RT: 19.424 min Scan# 2
Delta R.T. -0.001 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:184 Resp: 24646

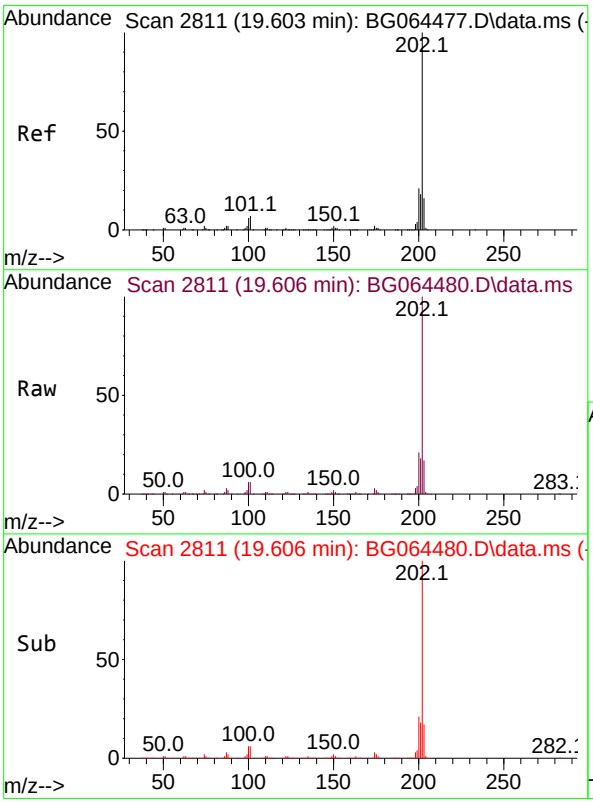
Ion	Ratio	Lower	Upper
184	100		
185	14.6	10.9	16.3
183	13.0	9.8	14.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

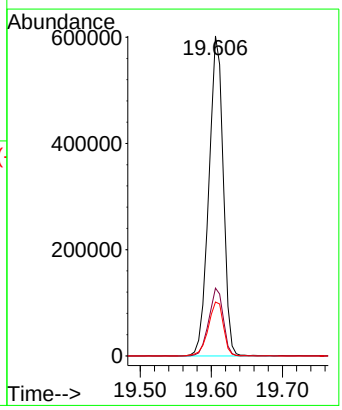
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

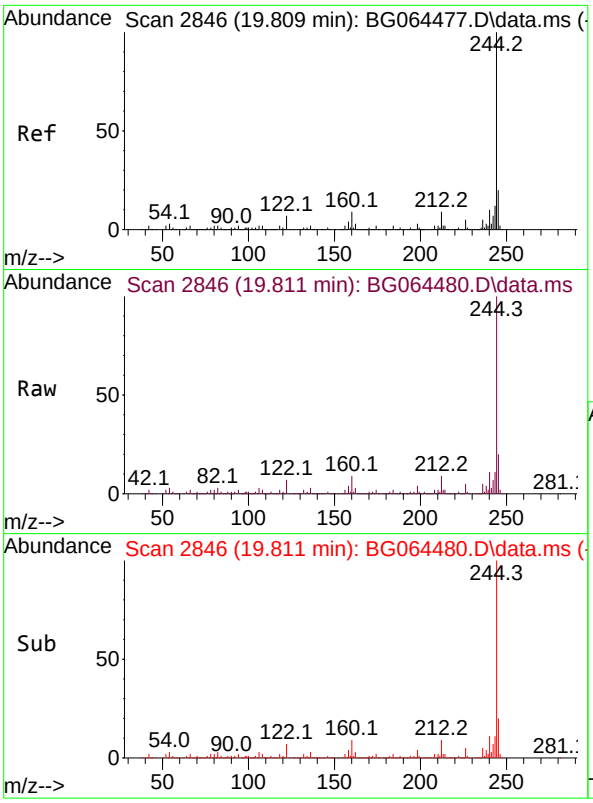


#78
Pyrene
Concen: 75.840 ng
RT: 19.606 min Scan# 2811
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:202 Resp: 844065

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	16.8	13.0	19.4

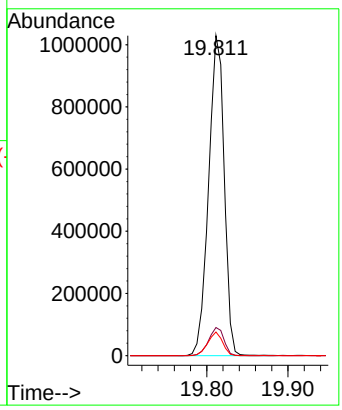




#79
Terphenyl-d14
Concen: 151.833 ng
RT: 19.811 min Scan# 2
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:244 Resp: 1375899

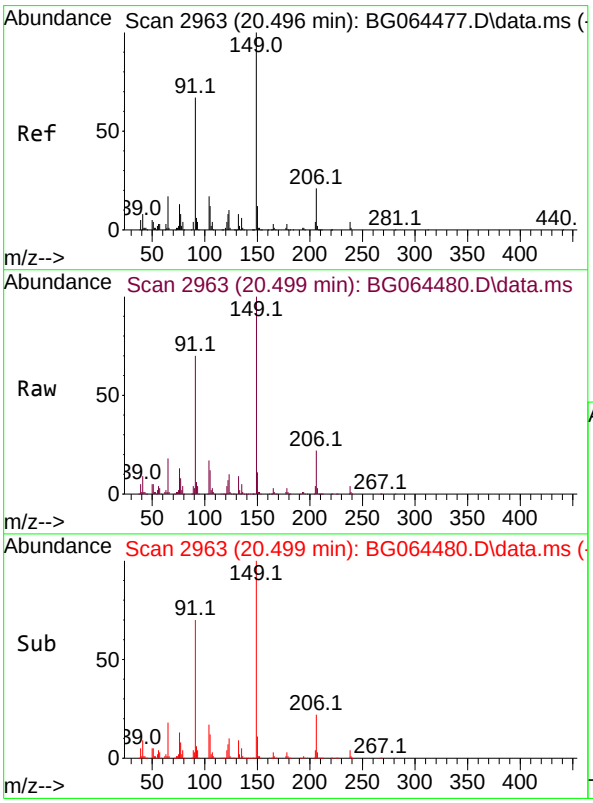
Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.6
122	7.4	5.6	8.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

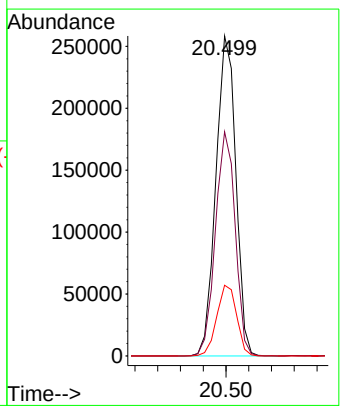
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

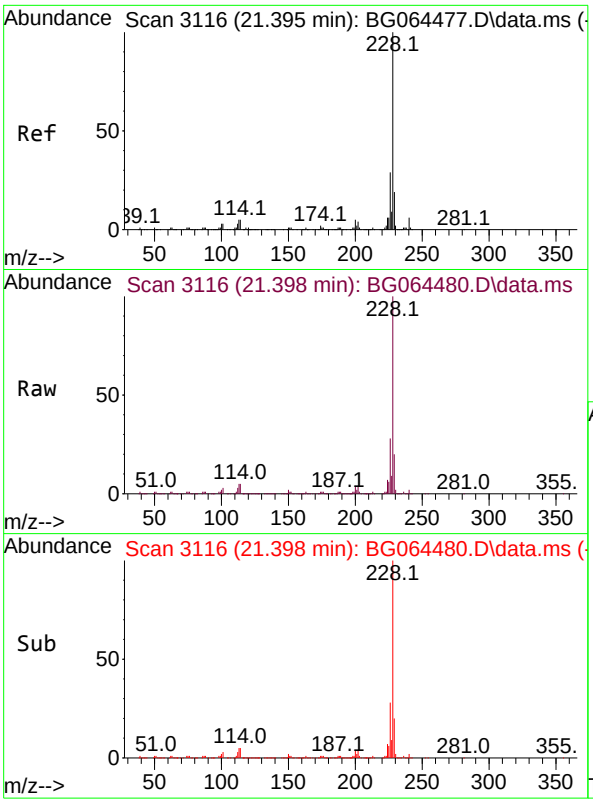


#80
Butylbenzylphthalate
Concen: 79.710 ng
RT: 20.499 min Scan# 2963
Delta R.T. -0.001 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:149 Resp: 314484

Ion	Ratio	Lower	Upper
149	100		
91	70.0	53.7	80.5
206	22.1	16.6	24.8

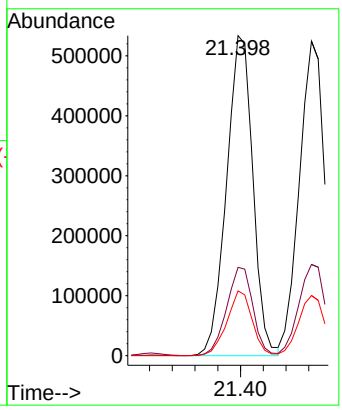




#81
Benzo(a)anthracene
Concen: 78.497 ng
RT: 21.398 min Scan# 3
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:228 Resp: 85955

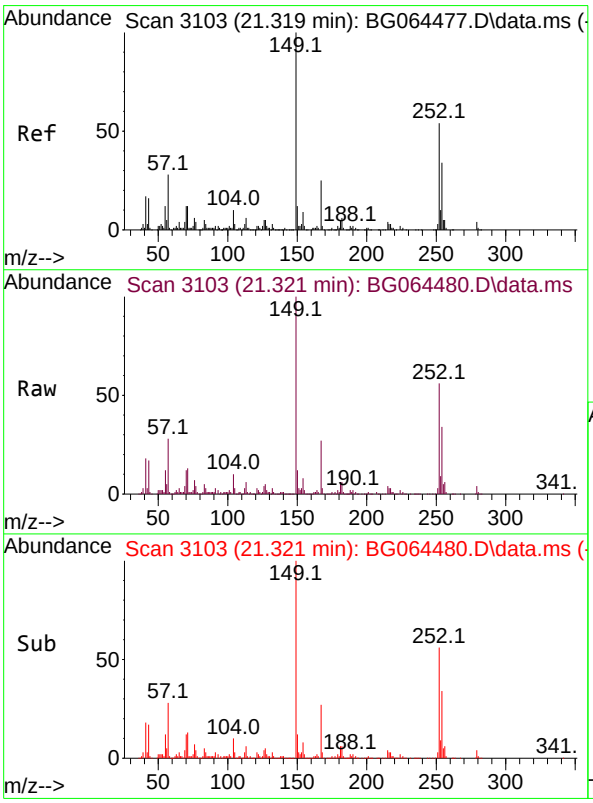
Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.8	34.2
229	20.2	15.2	22.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

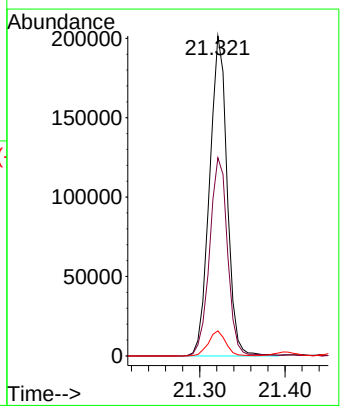
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

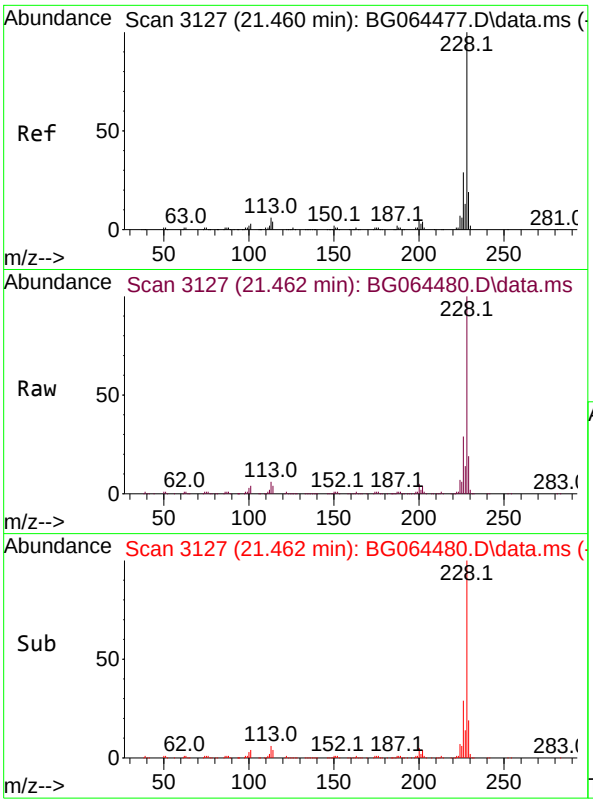


#82
3,3'-Dichlorobenzidine
Concen: 77.829 ng
RT: 21.321 min Scan# 3103
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:252 Resp: 288449

Ion	Ratio	Lower	Upper
252	100		
254	61.9	50.5	75.7
126	7.8	7.1	10.7

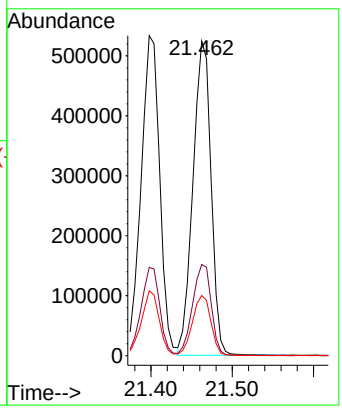




#83
Chrysene
Concen: 77.803 ng
RT: 21.462 min Scan# 3
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:228 Resp: 80796

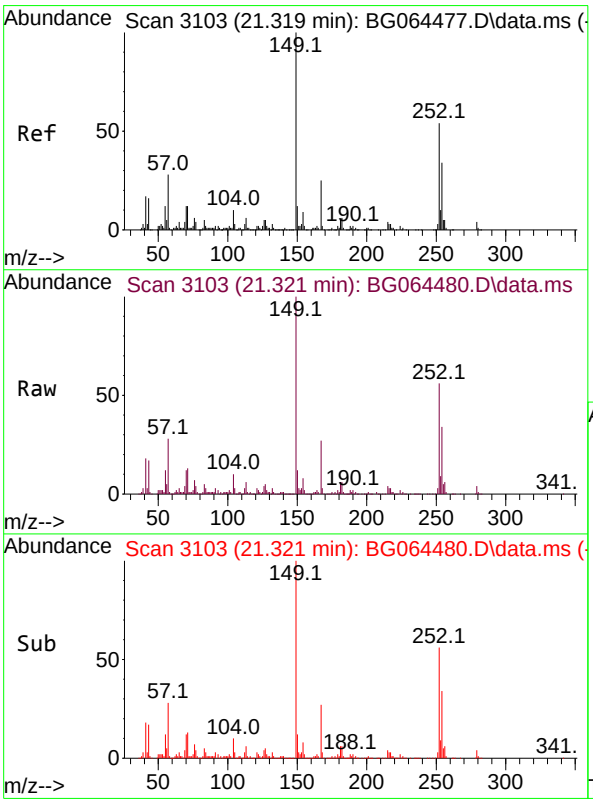
Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.8	34.2
229	19.1	15.4	23.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

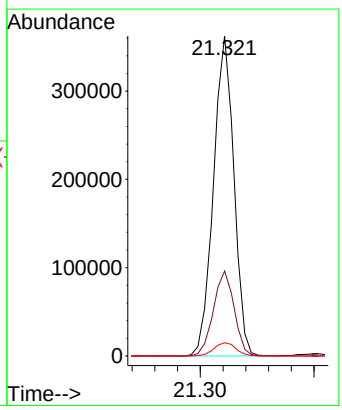
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

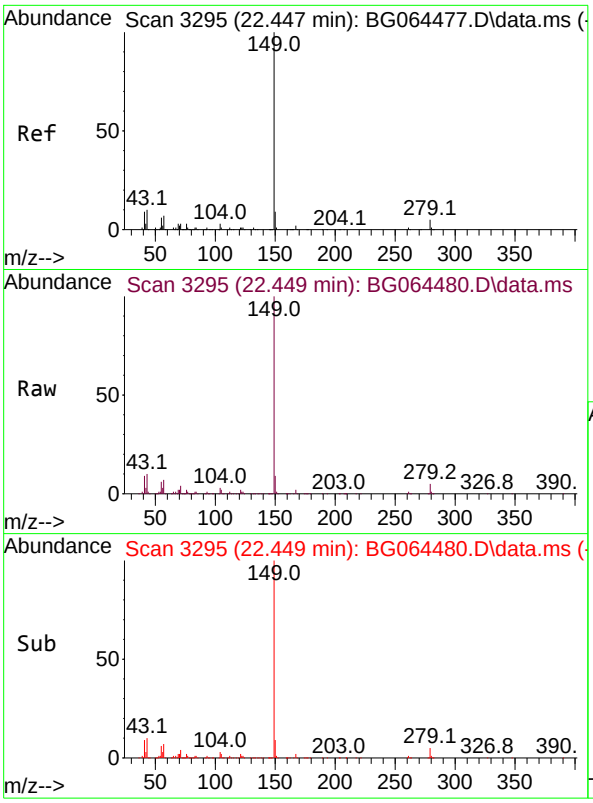


#84
Bis(2-ethylhexyl)phthalate
Concen: 81.044 ng
RT: 21.321 min Scan# 3103
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:149 Resp: 451147

Ion	Ratio	Lower	Upper
149	100		
167	26.5	19.7	29.5
279	4.1	3.4	5.2





#85
Di-n-octyl phthalate
Concen: 79.877 ng
RT: 22.449 min Scan# 3
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

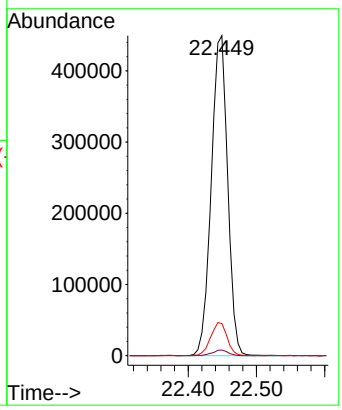
Tgt Ion:149 Resp: 74730

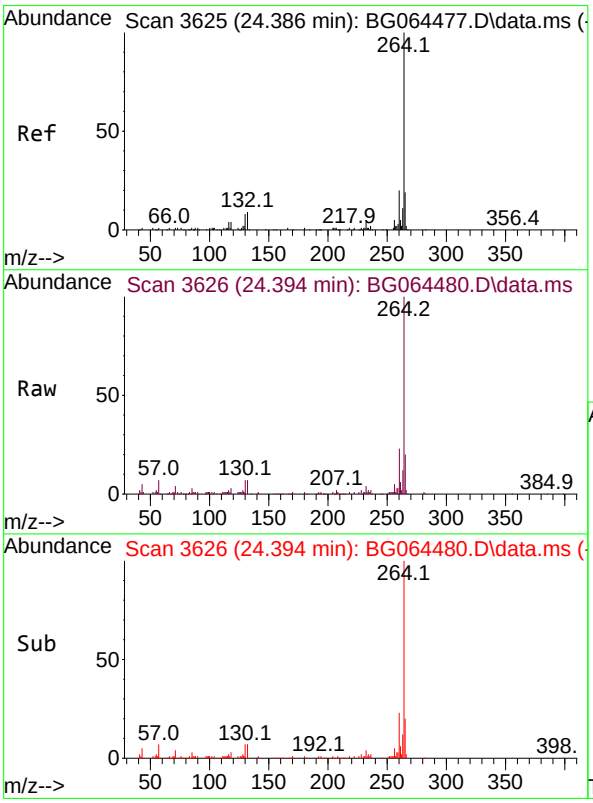
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.4	7.9	11.9

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

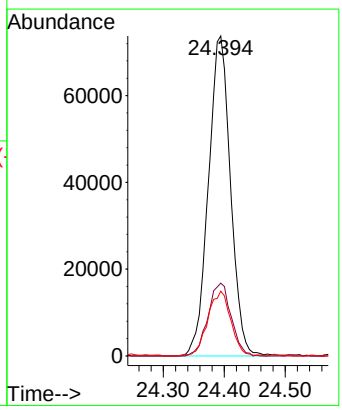


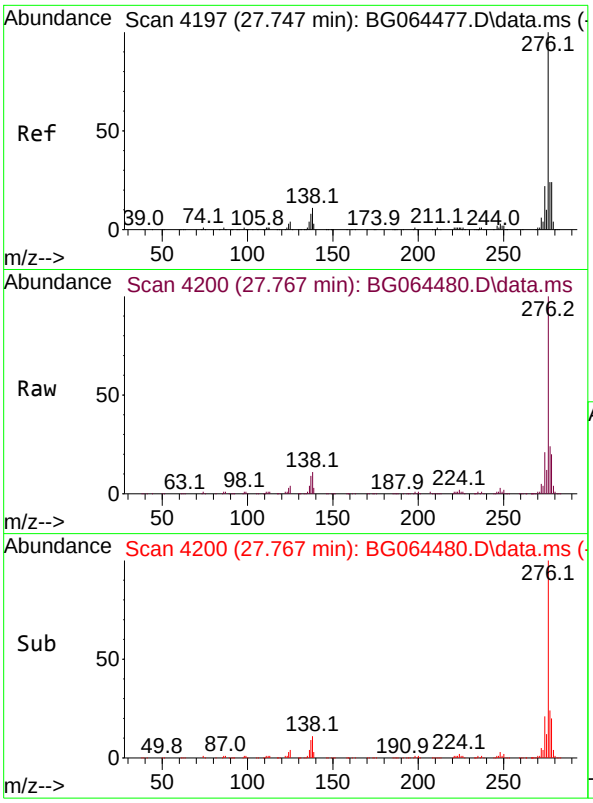


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.394 min Scan# 3626
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:264 Resp: 185893

Ion	Ratio	Lower	Upper
264	100		
260	22.7	16.2	24.4
265	20.2	15.0	22.4

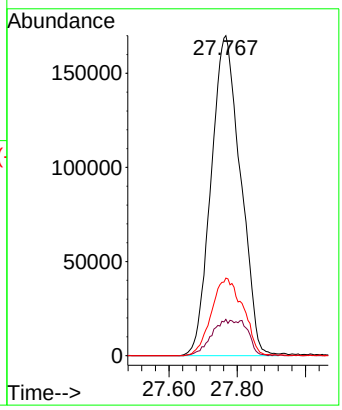




#87
Indeno(1,2,3-cd)pyrene
Concen: 78.621 ng
RT: 27.767 min Scan# 4
Delta R.T. 0.034 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:276 Resp: 101730

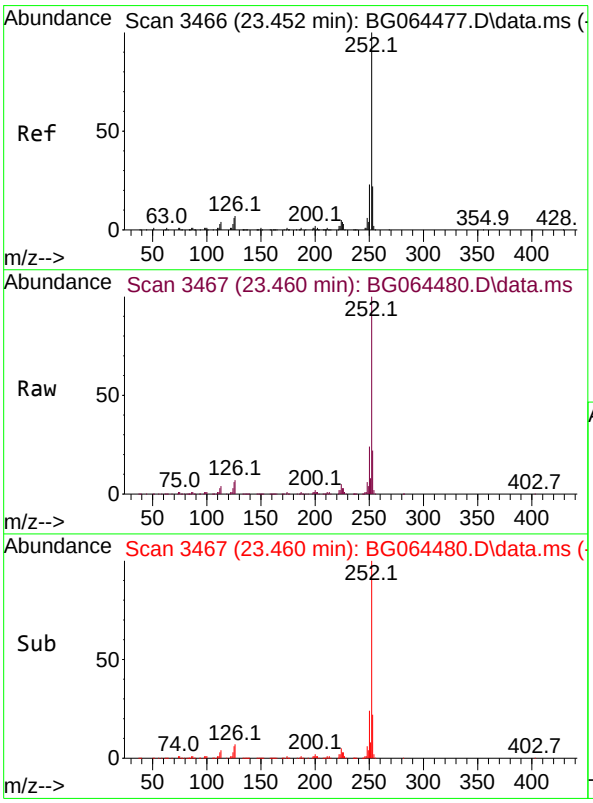
Ion	Ratio	Lower	Upper
276	100		
138	6.5	10.8	16.2#
277	26.0	20.3	30.5



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

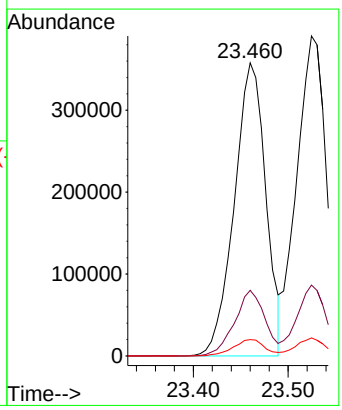
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

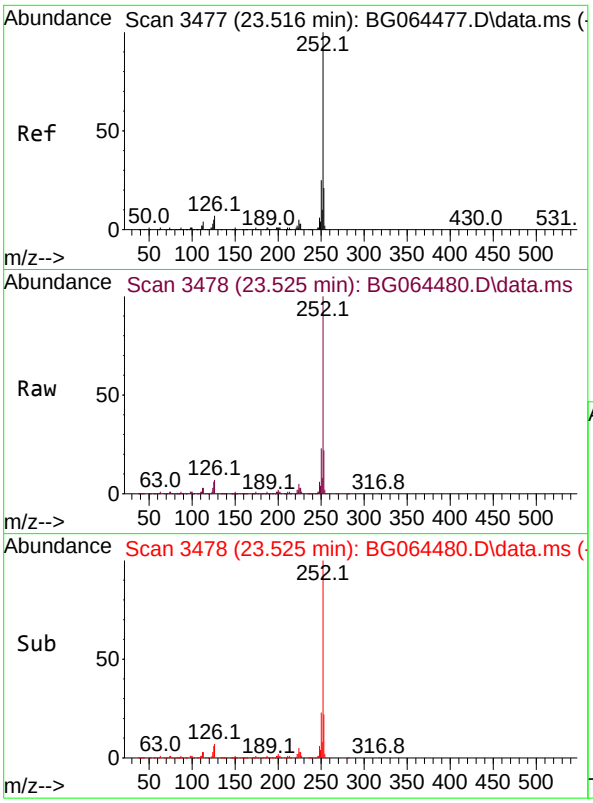


#88
Benzo(b)fluoranthene
Concen: 78.008 ng
RT: 23.460 min Scan# 3467
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:252 Resp: 824972

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	5.5	4.5	6.7

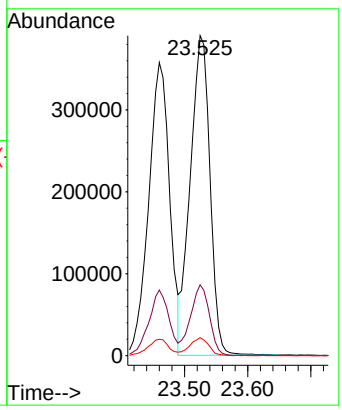




#89
Benzo(k)fluoranthene
Concen: 79.738 ng
RT: 23.525 min Scan# 34
Delta R.T. 0.017 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:252 Resp: 84930

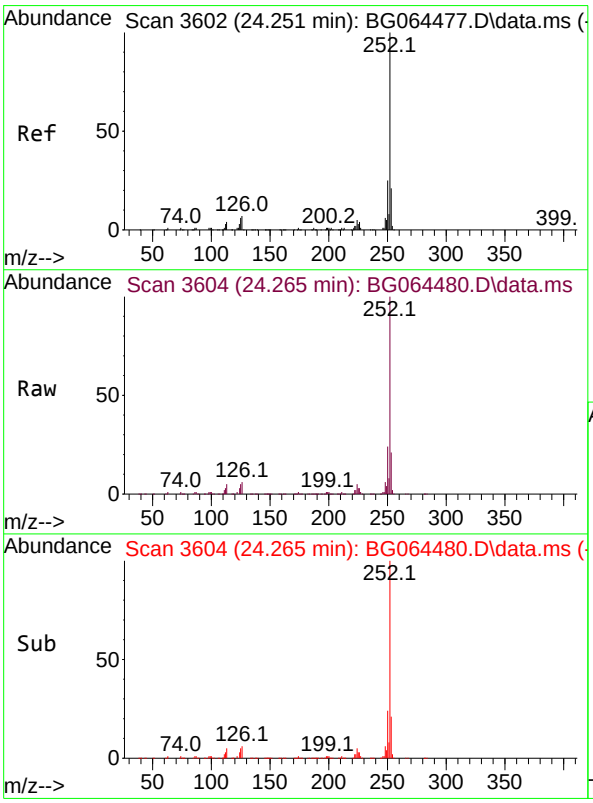
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	5.7	4.0	6.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

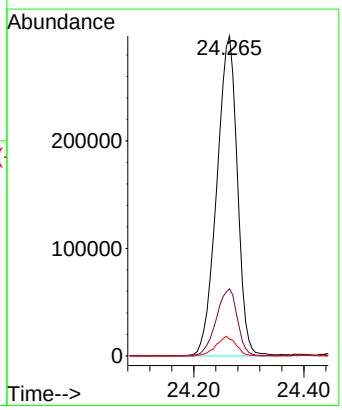
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

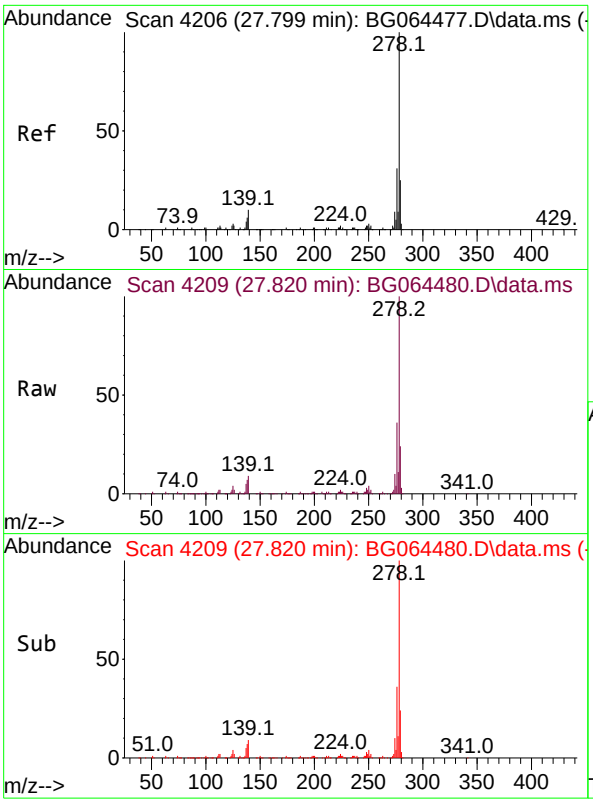


#90
Benzo(a)pyrene
Concen: 79.130 ng
RT: 24.265 min Scan# 3604
Delta R.T. 0.017 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:252 Resp: 771257

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.1	25.7
125	5.2	4.6	6.8

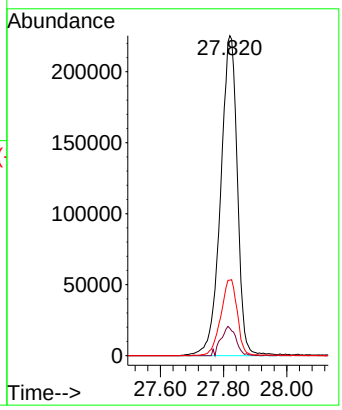




#91
Dibenzo(a,h)anthracene
Concen: 80.178 ng
RT: 27.820 min Scan# 4
Delta R.T. 0.040 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:278 Resp: 82966

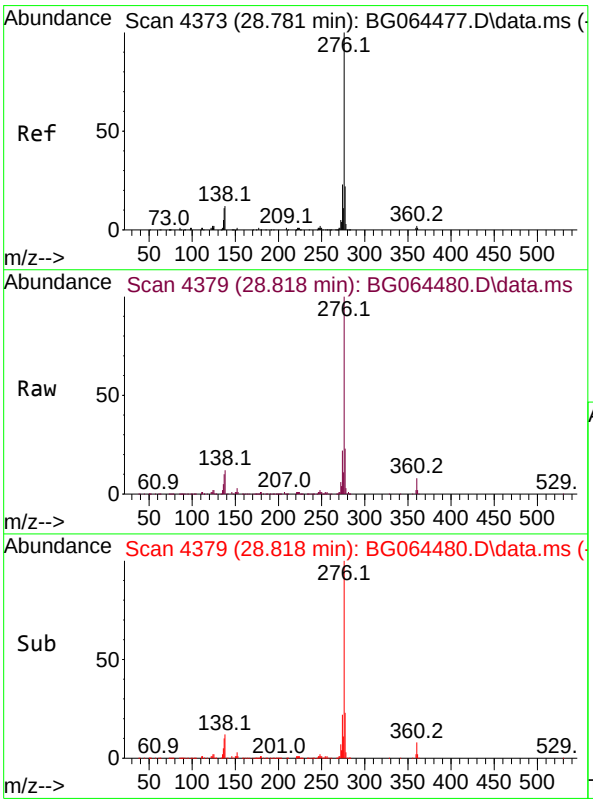
Ion	Ratio	Lower	Upper
278	100		
139	8.5	8.2	12.2
279	23.6	19.6	29.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

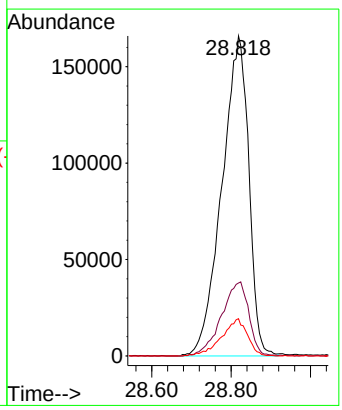
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#92
Benzo(g,h,i)perylene
Concen: 77.460 ng
RT: 28.818 min Scan# 4379
Delta R.T. 0.052 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:276 Resp: 778918

Ion	Ratio	Lower	Upper
276	100		
277	22.8	17.8	26.6
138	11.6	9.4	14.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
Data File : BG064481.D
Acq On : 2 Oct 2025 15:49
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 02 17:12:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.820	152	18970	20.000	ng		# 0.00
21) Naphthalene-d8	10.605	136	83408	20.000	ng		# 0.00
39) Acenaphthene-d10	14.448	164	63487	20.000	ng		0.00
64) Phenanthrene-d10	17.186	188	165339	20.000	ng		# 0.00
76) Chrysene-d12	21.410	240	164846	20.000	ng		0.00
86) Perylene-d12	24.389	264	177771	20.000	ng		# 0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.406	112	19317	18.845	ng		0.00
7) Phenol-d6	6.986	99	26053	18.914	ng		0.00
23) Nitrobenzene-d5	8.966	82	29358	18.926	ng		0.00
42) 2,4,6-Tribromophenol	15.934	330	22352	19.423	ng		0.00
45) 2-Fluorobiphenyl	13.067	172	84929	19.718	ng		0.00
79) Terphenyl-d14	19.806	244	174977	20.088	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.320	88	3907	9.636	ng		90
3) Pyridine	3.714	79	10914	10.016	ng		92
4) n-Nitrosodimethylamine	3.625	42	8097	10.250	ng		99
6) Aniline	7.145	93	16489	9.490	ng		96
8) 2-Chlorophenol	7.386	128	11988	9.524	ng		92
9) Benzaldehyde	6.963	77	13633	11.149	ng		86
10) Phenol	7.016	94	13252	9.120	ng		94
11) bis(2-Chloroethyl)ether	7.245	93	9040	9.186	ng		89
12) 1,3-Dichlorobenzene	7.709	146	13843	10.054	ng		91
13) 1,4-Dichlorobenzene	7.856	146	13607	9.847	ng		97
14) 1,2-Dichlorobenzene	8.173	146	13175	9.674	ng		93
15) Benzyl Alcohol	8.055	79	11608	9.151	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.338	45	15268	9.625	ng		95
17) 2-Methylphenol	8.261	107	10084	9.584	ng		92
18) Hexachloroethane	8.896	117	5976	10.956	ng		87
19) n-Nitroso-di-n-propyla...	8.614	70	8658	9.398	ng	#	92
20) 3+4-Methylphenols	8.590	107	13961	9.508	ng		96
22) Acetophenone	8.631	105	18753	9.286	ng	#	91
24) Nitrobenzene	9.013	77	14519	9.386	ng	#	92
25) Isophorone	9.530	82	27293	9.712	ng	#	95
26) 2-Nitrophenol	9.718	139	7029	9.130	ng		90
27) 2,4-Dimethylphenol	9.783	122	10726	9.122	ng		91
28) bis(2-Chloroethoxy)met...	10.018	93	13354	9.323	ng		93
29) 2,4-Dichlorophenol	10.259	162	12712	9.349	ng		95
30) 1,2,4-Trichlorobenzene	10.470	180	13887	9.366	ng	#	89
31) Naphthalene	10.652	128	40855	9.512	ng		97
32) Benzoic acid	9.889	122	6224m	6.894	ng		
33) 4-Chloroaniline	10.764	127	16589	10.065	ng	#	91
34) Hexachlorobutadiene	10.946	225	12067	9.503	ng		97
35) Caprolactam	11.510	113	4491	9.648	ng	#	85
36) 4-Chloro-3-methylphenol	11.892	107	15870	9.597	ng		93
37) 2-Methylnaphthalene	12.268	142	32141	9.749	ng		93
38) 1-Methylnaphthalene	12.486	142	32614	9.921	ng		98
40) 1,2,4,5-Tetrachloroben...	12.638	216	19175	9.354	ng		95
41) Hexachlorocyclopentadiene	12.621	237	8845	8.249	ng		96
43) 2,4,6-Trichlorophenol	12.879	196	12393	9.457	ng		95

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
Data File : BG064481.D
Acq On : 2 Oct 2025 15:49
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 02 17:12:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.956	196	14346	9.806	ng	#	94
46) 1,1'-Biphenyl	13.279	154	44053	9.648	ng		95
47) 2-Chloronaphthalene	13.320	162	35050	10.281	ng		97
48) 2-Nitroaniline	13.526	65	11482	9.868	ng		93
49) Acenaphthylene	14.172	152	48705	9.624	ng	#	93
50) Dimethylphthalate	13.902	163	50268	10.110	ng		97
51) 2,6-Dinitrotoluene	14.019	165	10337	9.980	ng		98
52) Acenaphthene	14.513	154	34887	9.922	ng		96
53) 3-Nitroaniline	14.348	138	9342	9.780	ng		94
54) 2,4-Dinitrophenol	14.566	184	8424	11.216	ng	#	71
55) Dibenzofuran	14.848	168	57456	9.897	ng		98
56) 4-Nitrophenol	14.665	139	6104	8.116	ng		89
57) 2,4-Dinitrotoluene	14.812	165	15843	10.006	ng		97
58) Fluorene	15.494	166	47958	9.937	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.071	232	14205	9.514	ng		97
60) Diethylphthalate	15.271	149	53695	10.066	ng	#	94
61) 4-Chlorophenyl-phenyle...	15.488	204	25669	9.742	ng		94
62) 4-Nitroaniline	15.511	138	9390	9.431	ng	#	85
63) Azobenzene	15.782	77	41235	9.982	ng		96
65) 4,6-Dinitro-2-methylph...	15.576	198	10315	8.960	ng		79
66) n-Nitrosodiphenylamine	15.705	169	42881	9.712	ng		95
67) 4-Bromophenyl-phenylether	16.381	248	18933	9.731	ng		92
68) Hexachlorobenzene	16.499	284	21542	9.676	ng		99
69) Atrazine	16.651	200	19877	10.119	ng		92
70) Pentachlorophenol	16.845	266	9789	7.520	ng	#	84
71) Phenanthrene	17.227	178	84477	9.770	ng		96
72) Anthracene	17.321	178	84981	9.797	ng		100
73) Carbazole	17.591	167	73994	9.869	ng		97
74) Di-n-butylphthalate	18.155	149	89166	9.742	ng		97
75) Fluoranthene	19.236	202	101360	9.813	ng		98
77) Benzidine	19.425	184	32380	7.894	ng		98
78) Pyrene	19.601	202	109573	10.242	ng		97
80) Butylbenzylphthalate	20.500	149	36112	9.522	ng		95
81) Benzo(a)anthracene	21.393	228	102096	9.700	ng		98
82) 3,3'-Dichlorobenzidine	21.316	252	34449	9.670	ng		99
83) Chrysene	21.452	228	98898	9.908	ng		96
84) Bis(2-ethylhexyl)phtha...	21.316	149	52514	9.814	ng		94
85) Di-n-octyl phthalate	22.439	149	86988	9.673	ng		99
87) Indeno(1,2,3-cd)pyrene	27.732	276	117303	9.480	ng	#	75
88) Benzo(b)fluoranthene	23.449	252	96327	9.525	ng		97
89) Benzo(k)fluoranthene	23.508	252	96178	9.442	ng		98
90) Benzo(a)pyrene	24.248	252	88822	9.529	ng	#	93
91) Dibenzo(a,h)anthracene	27.779	278	93585	9.457	ng		97
92) Benzo(g,h,i)perylene	28.767	276	93612	9.735	ng	#	92

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

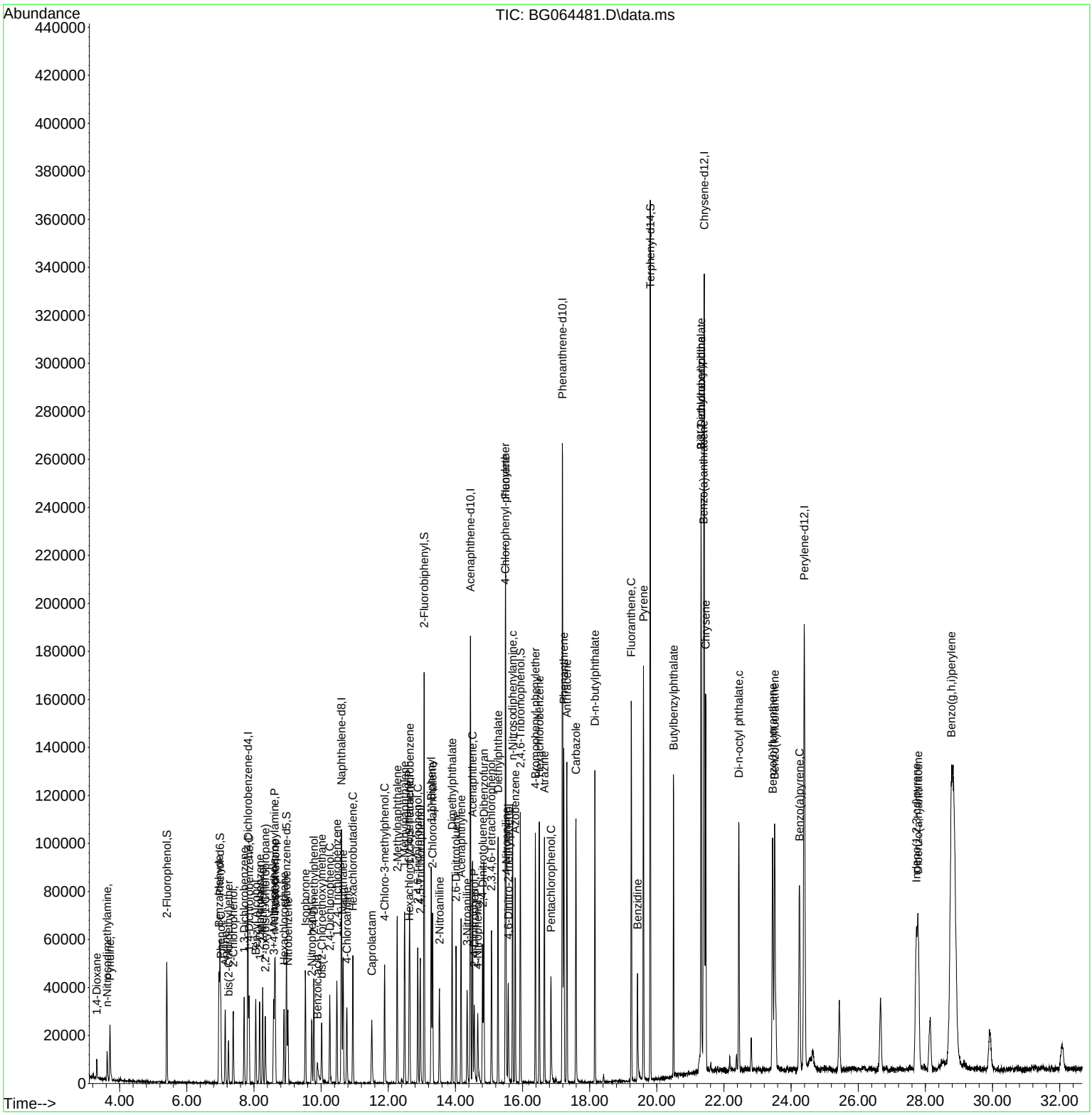
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Data File : BG064481.D
Acq On : 2 Oct 2025 15:49
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 10 Sample Multiplier: 1

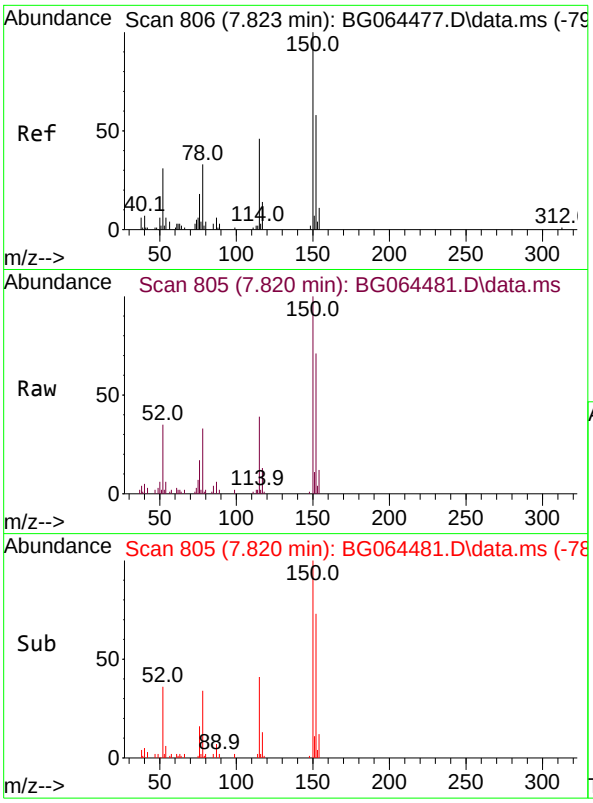
Quant Time: Oct 02 17:12:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/03/2025
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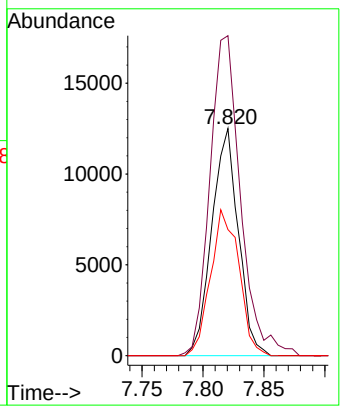




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.820 min Scan# 80
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:152 Resp: 1897

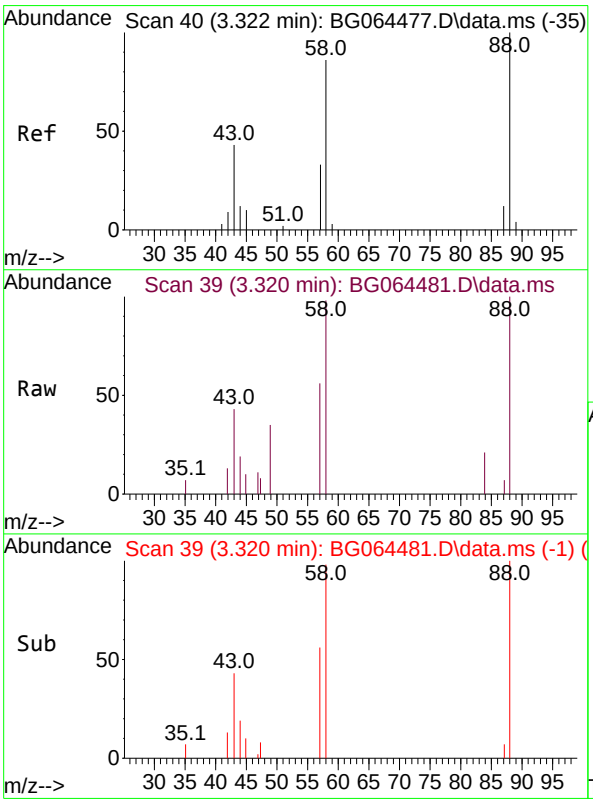
Ion	Ratio	Lower	Upper
152	100		
150	140.9	138.6	207.8
115	55.5	63.4	95.2#



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

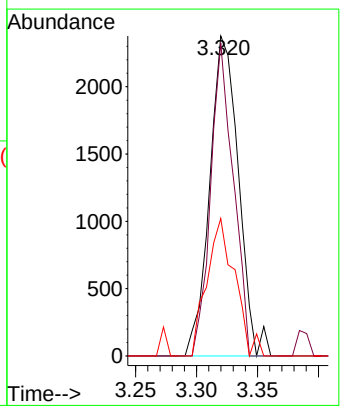
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

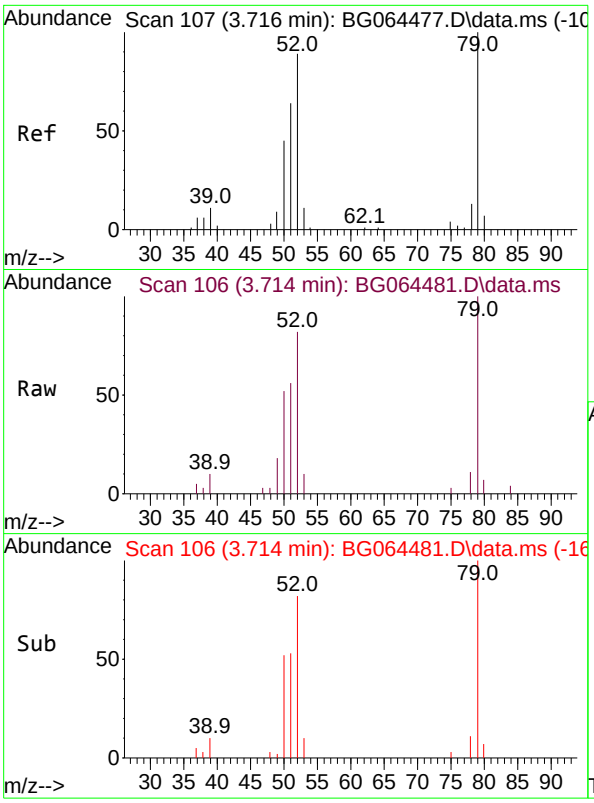


#2
1,4-Dioxane
Concen: 9.636 ng
RT: 3.320 min Scan# 39
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion: 88 Resp: 3907

Ion	Ratio	Lower	Upper
88	100		
58	77.0	69.8	104.6
43	41.6	37.4	56.0

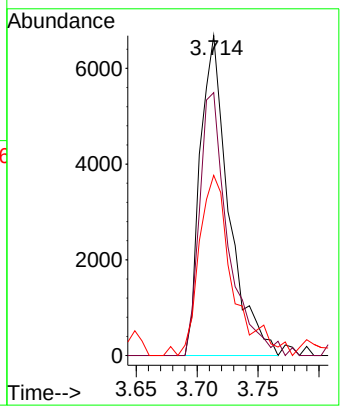




#3
Pyridine
Concen: 10.016 ng
RT: 3.714 min Scan# 10
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion: 79 Resp: 10914

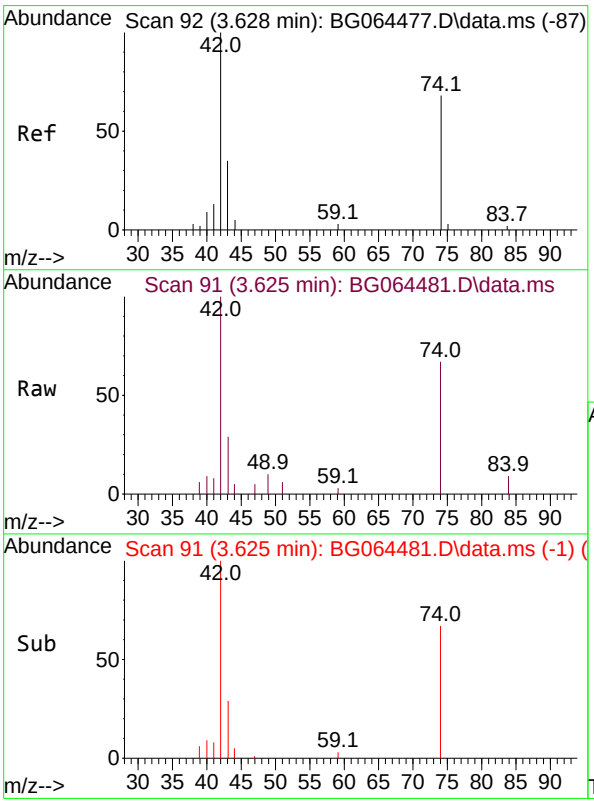
Ion	Ratio	Lower	Upper
79	100		
52	82.2	71.0	106.4
51	56.3	51.0	76.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

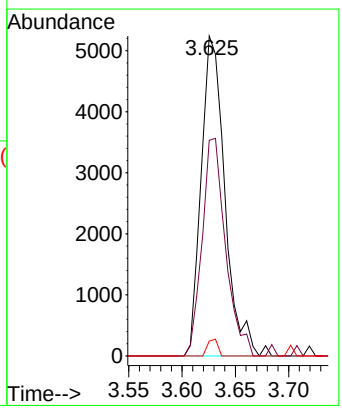
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

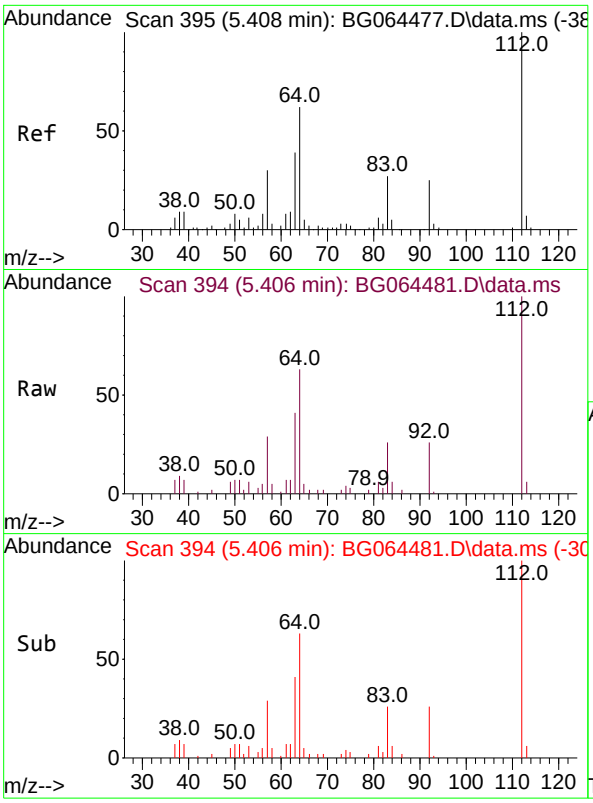


#4
n-Nitrosodimethylamine
Concen: 10.250 ng
RT: 3.625 min Scan# 91
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion: 42 Resp: 8097

Ion	Ratio	Lower	Upper
42	100		
74	67.4	54.2	81.4
44	4.7	4.2	6.2

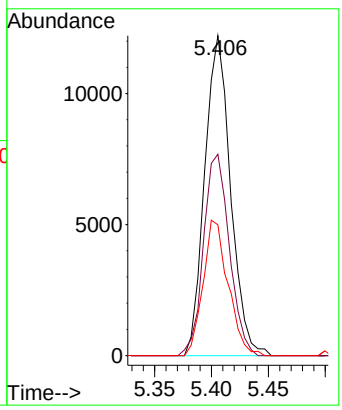




#5
2-Fluorophenol
Concen: 18.845 ng
RT: 5.406 min Scan# 3
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:112 Resp: 1931

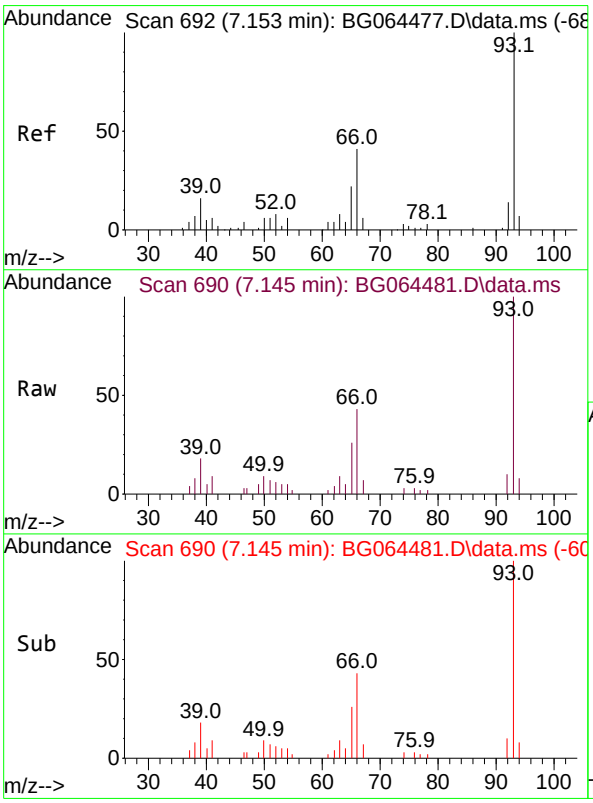
Ion	Ratio	Lower	Upper
112	100		
64	62.9	49.8	74.8
63	40.9	31.3	46.9



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

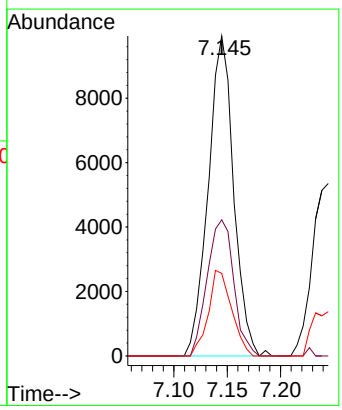
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

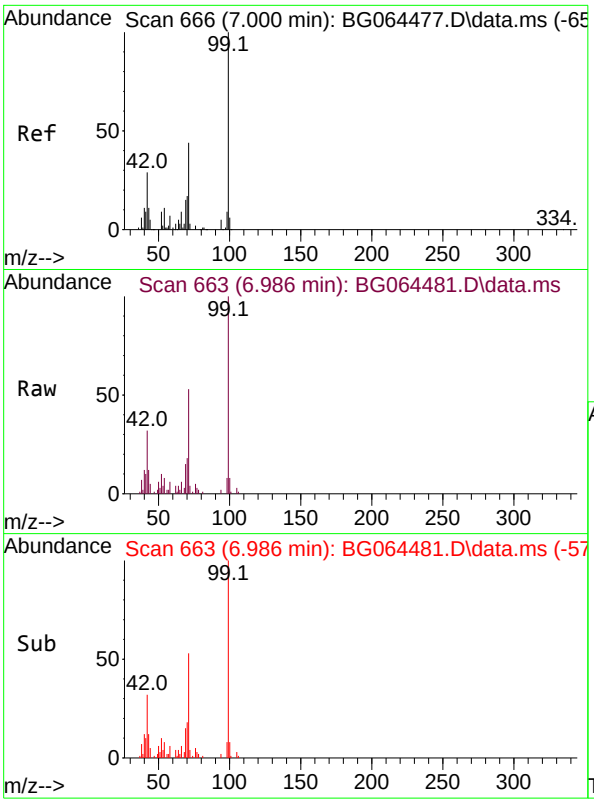


#6
Aniline
Concen: 9.490 ng
RT: 7.145 min Scan# 690
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion: 93 Resp: 16489

Ion	Ratio	Lower	Upper
93	100		
66	42.5	33.0	49.4
65	25.8	17.5	26.3

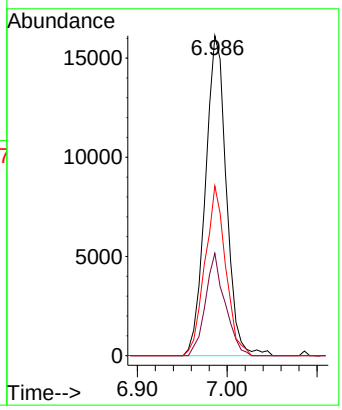




#7
Phenol-d6
Concen: 18.914 ng
RT: 6.986 min Scan# 6
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion: 99 Resp: 2605

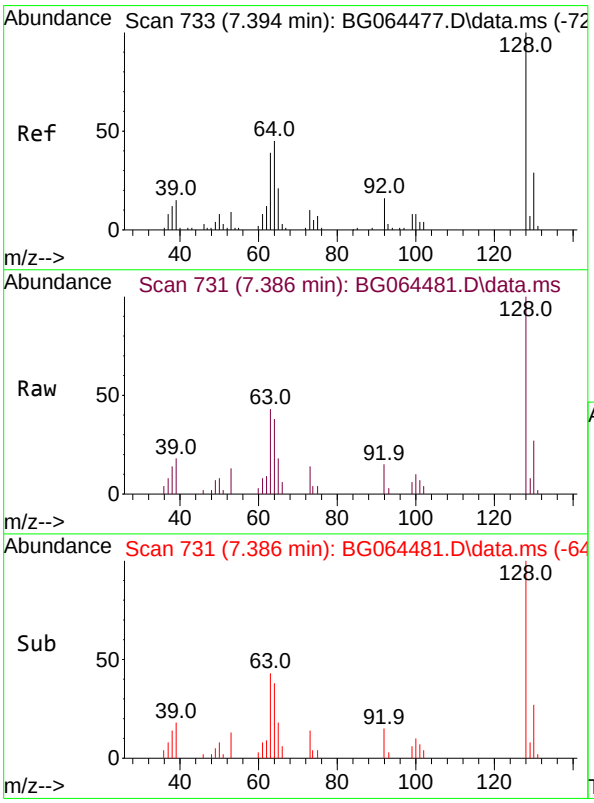
Ion	Ratio	Lower	Upper
99	100		
42	32.0	22.9	34.3
71	53.0	35.4	53.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

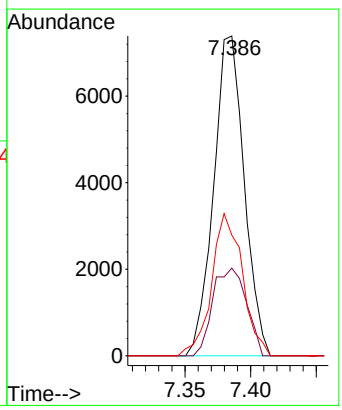
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

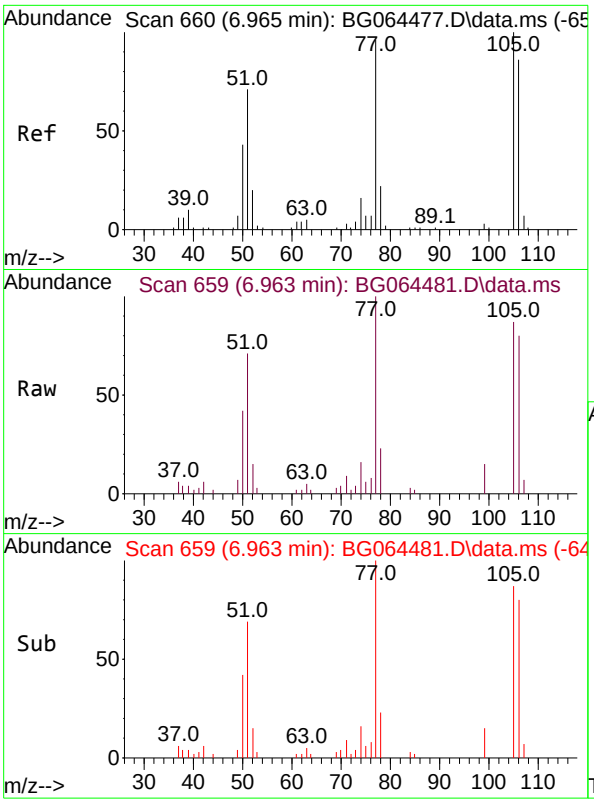


#8
2-Chlorophenol
Concen: 9.524 ng
RT: 7.386 min Scan# 731
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:128 Resp: 11988

Ion	Ratio	Lower	Upper
128	100		
130	27.4	9.2	49.2
64	37.7	25.5	65.5

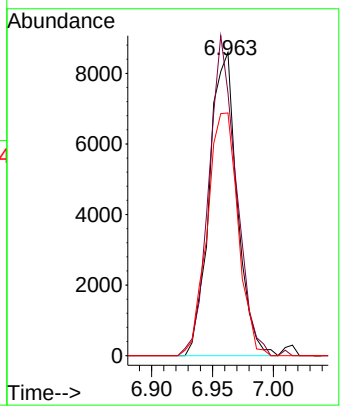




#9
Benzaldehyde
Concen: 11.149 ng
RT: 6.963 min Scan# 6
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion: 77 Resp: 1363

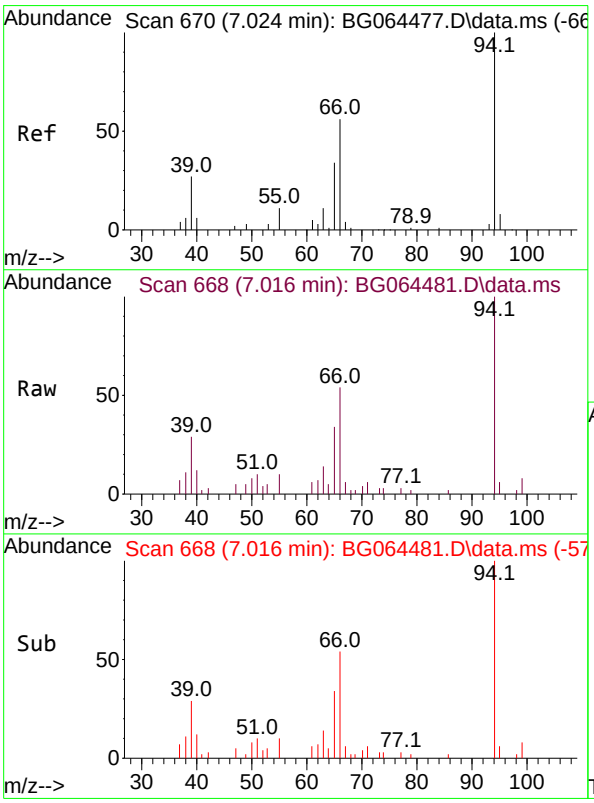
Ion	Ratio	Lower	Upper
77	100		
105	86.7	83.7	123.7
106	80.0	69.4	109.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

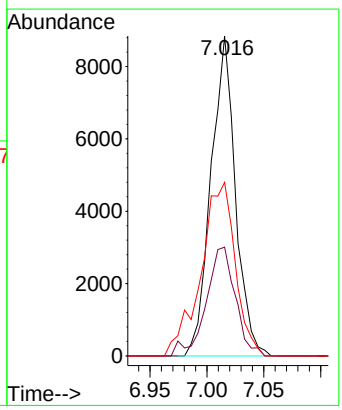
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

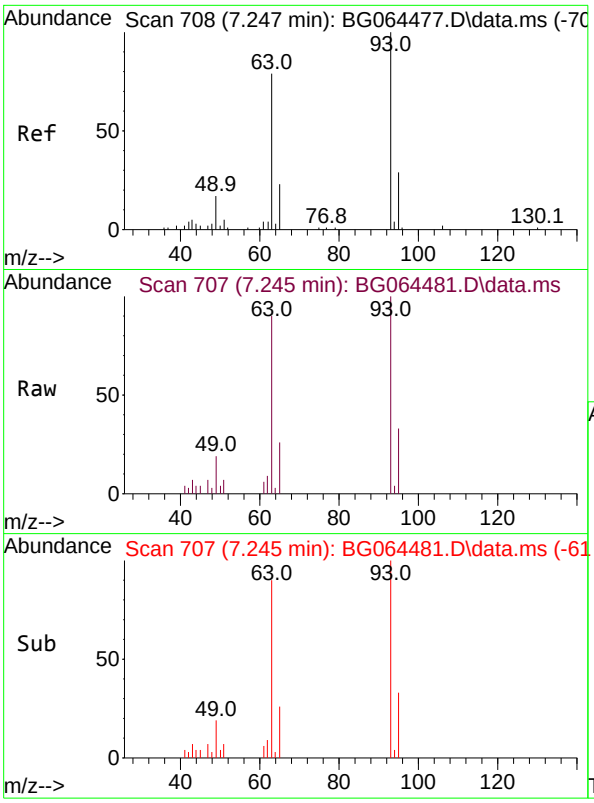


#10
Phenol
Concen: 9.120 ng
RT: 7.016 min Scan# 668
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion: 94 Resp: 13252

Ion	Ratio	Lower	Upper
94	100		
65	34.0	14.8	54.8
66	54.2	41.4	81.4

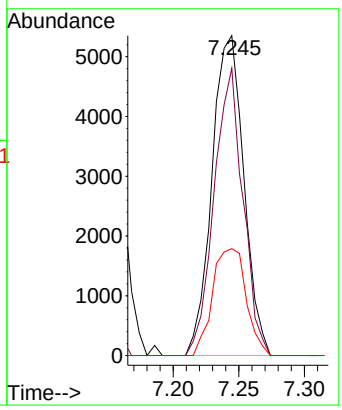




#11
bis(2-Chloroethyl)ether
Concen: 9.186 ng
RT: 7.245 min Scan# 70
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion: 93 Resp: 904

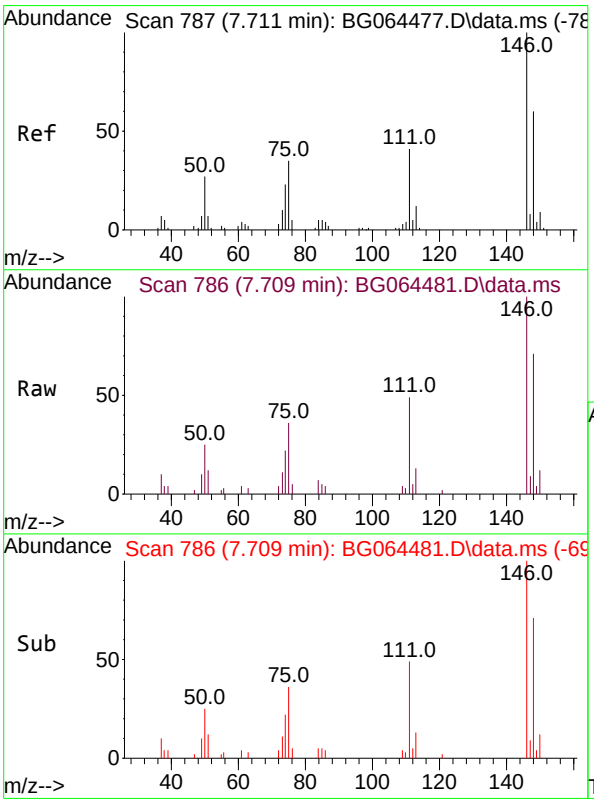
Ion	Ratio	Lower	Upper
93	100		
63	89.8	59.5	99.5
95	33.4	8.8	48.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

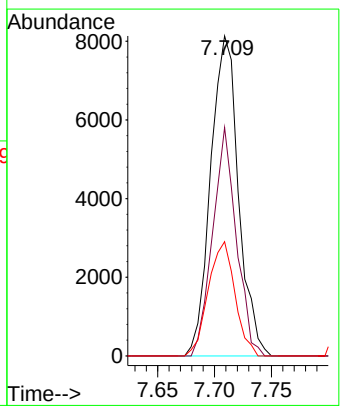
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

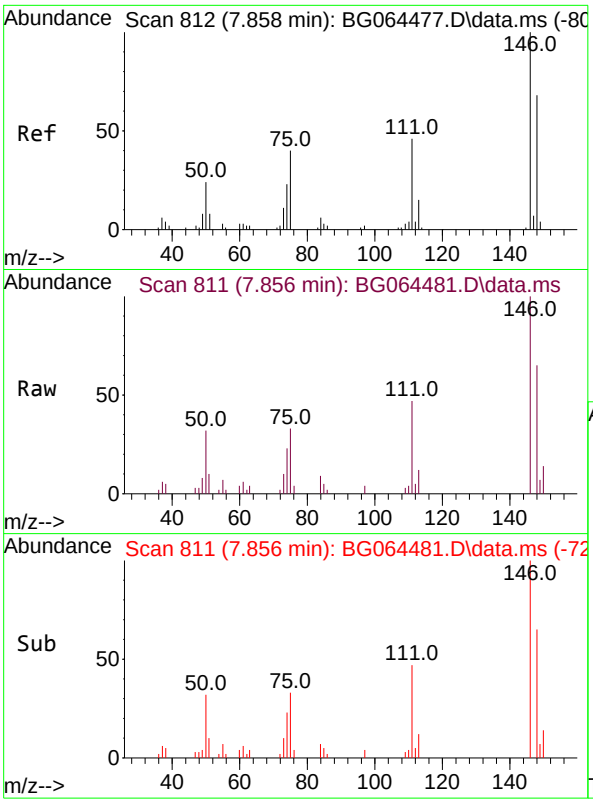


#12
1,3-Dichlorobenzene
Concen: 10.054 ng
RT: 7.709 min Scan# 786
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:146 Resp: 13843

Ion	Ratio	Lower	Upper
146	100		
148	71.4	48.4	72.6
75	35.7	28.3	42.5

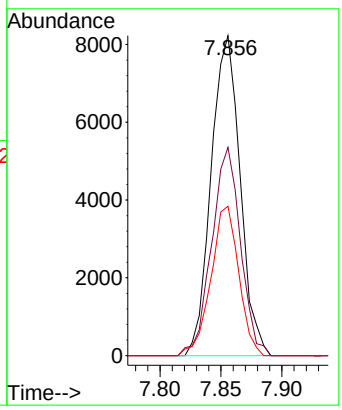




#13
1,4-Dichlorobenzene
Concen: 9.847 ng
RT: 7.856 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:146 Resp: 1360

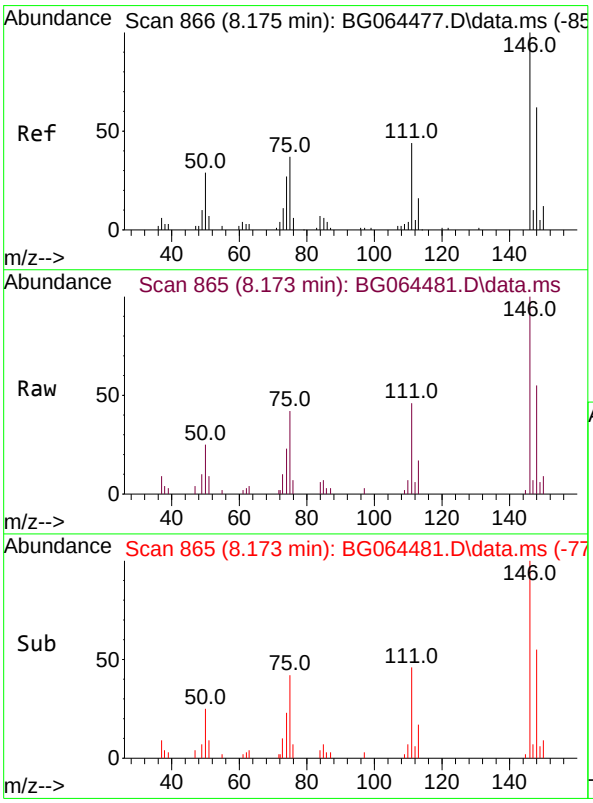
Ion	Ratio	Lower	Upper
146	100		
148	65.1	54.4	81.6
111	46.7	36.5	54.7



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

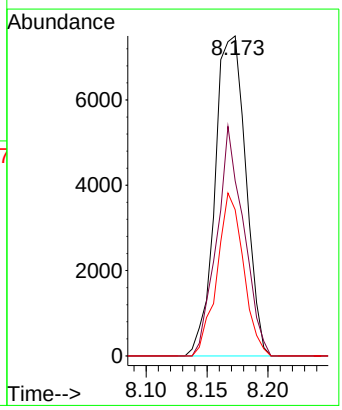
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

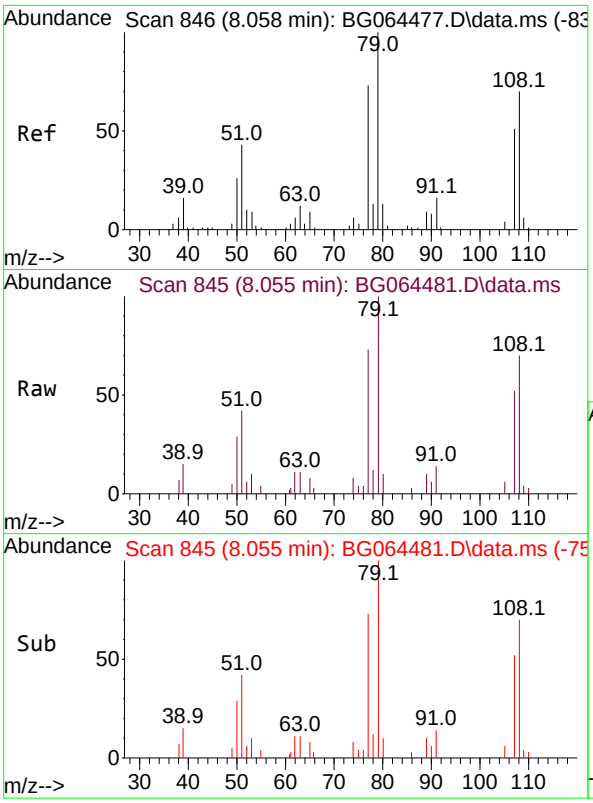


#14
1,2-Dichlorobenzene
Concen: 9.674 ng
RT: 8.173 min Scan# 865
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:146 Resp: 13175

Ion	Ratio	Lower	Upper
146	100		
148	54.7	50.0	75.0
111	45.7	35.0	52.4

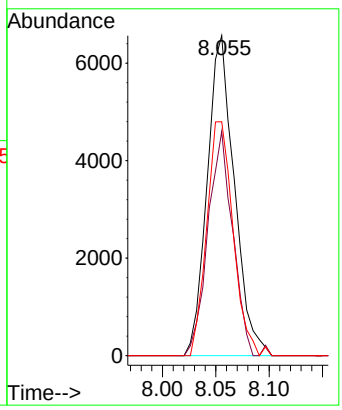




#15
Benzyl Alcohol
Concen: 9.151 ng
RT: 8.055 min Scan# 84
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion: 79 Resp: 1160

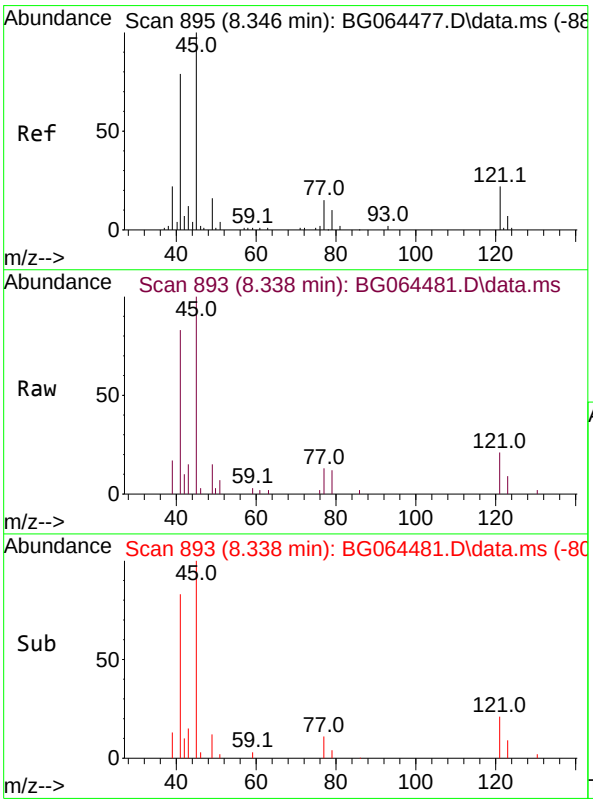
Ion	Ratio	Lower	Upper
79	100		
108	70.0	56.4	84.6
77	73.1	58.3	87.5



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

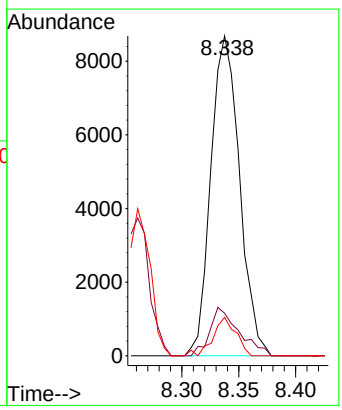
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

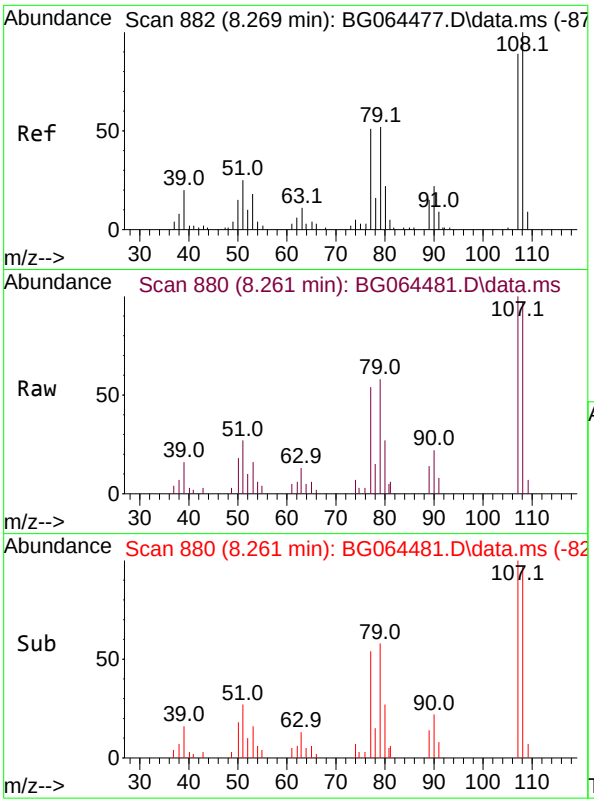


#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.625 ng
RT: 8.338 min Scan# 893
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion: 45 Resp: 15268

Ion	Ratio	Lower	Upper
45	100		
77	13.3	0.0	35.6
79	12.0	0.0	30.7

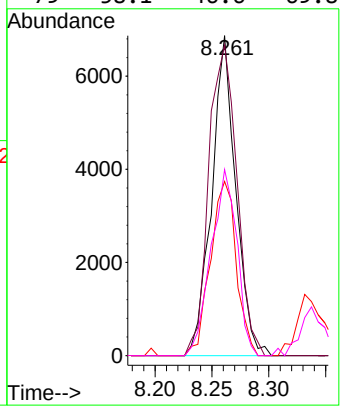




#17
2-Methylphenol
Concen: 9.584 ng
RT: 8.261 min Scan# 88
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:107 Resp: 1008

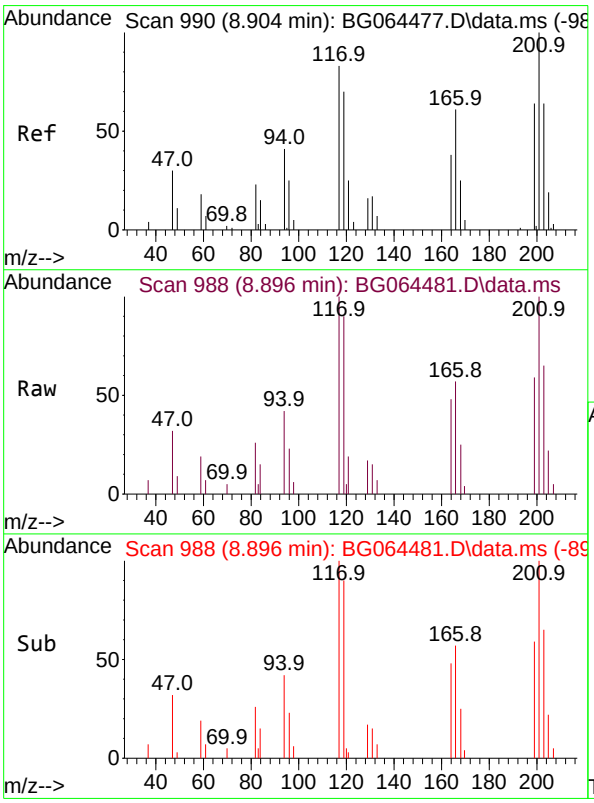
Ion	Ratio	Lower	Upper
107	100		
108	97.0	90.3	135.5
77	54.4	46.0	69.0
79	58.1	46.6	69.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

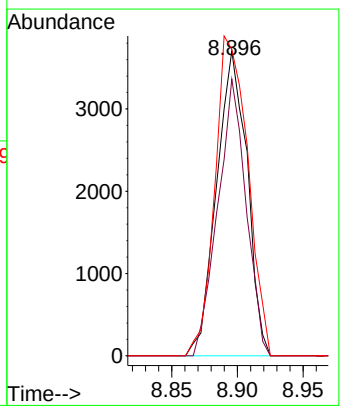
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

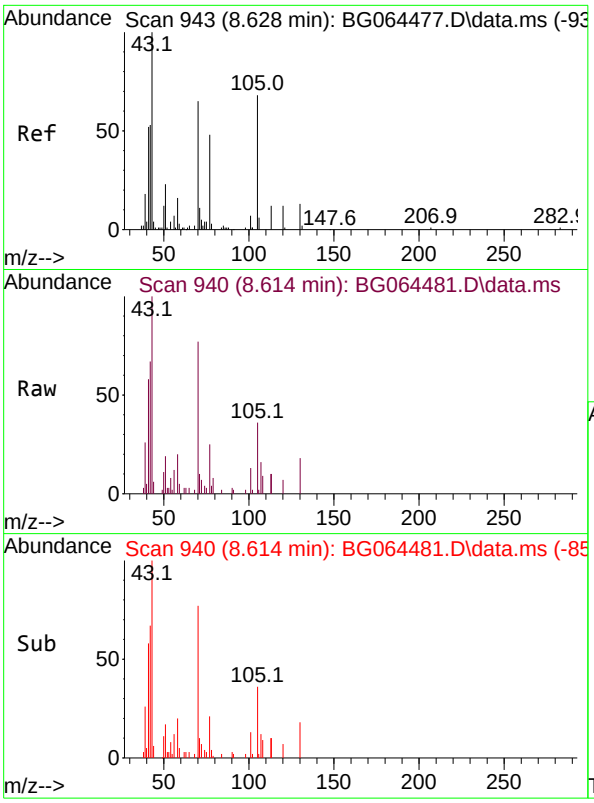


#18
Hexachloroethane
Concen: 10.956 ng
RT: 8.896 min Scan# 988
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:117 Resp: 5976

Ion	Ratio	Lower	Upper
117	100		
119	90.7	67.4	101.0
201	100.5	95.9	143.9

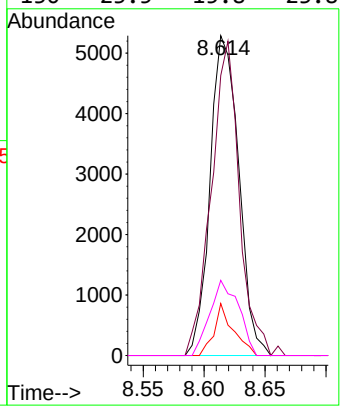




#19
n-Nitroso-di-n-propylamine
Concen: 9.398 ng
RT: 8.614 min Scan# 94
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion: 70 Resp: 865

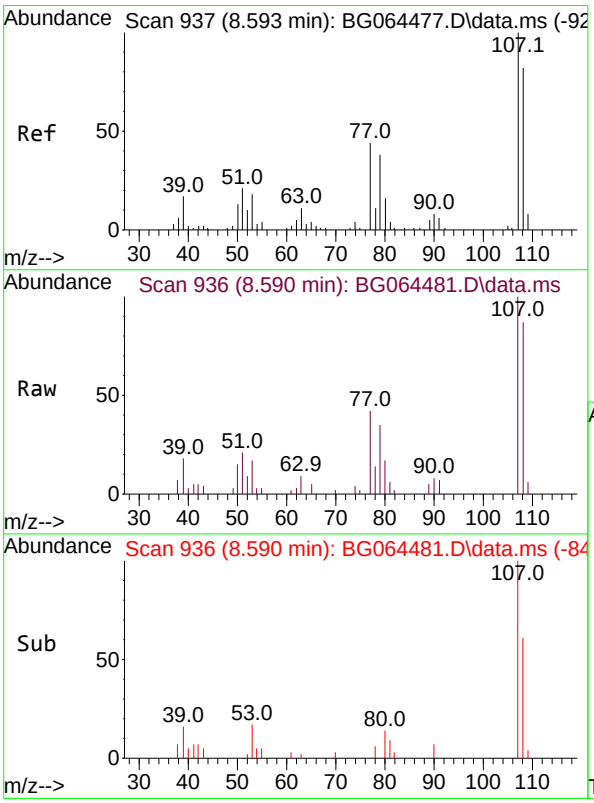
Ion	Ratio	Lower	Upper
70	100		
42	87.5	64.9	97.3
101	16.3	8.7	13.1
130	23.5	15.8	23.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

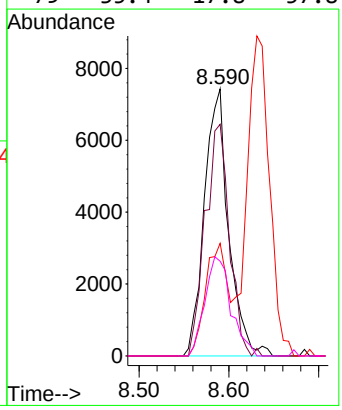
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

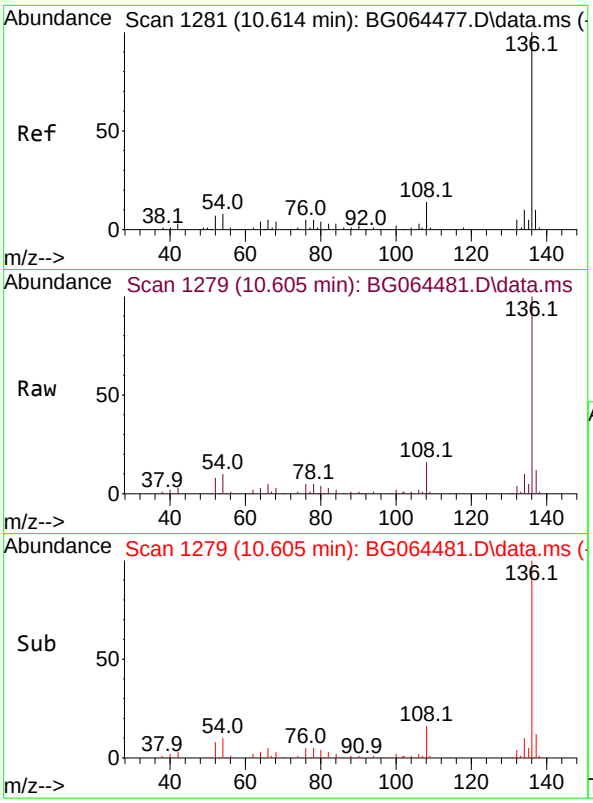


#20
3+4-Methylphenols
Concen: 9.508 ng
RT: 8.590 min Scan# 936
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:107 Resp: 13961

Ion	Ratio	Lower	Upper
107	100		
108	86.8	62.1	102.1
77	42.2	23.5	63.5
79	35.4	17.8	57.8

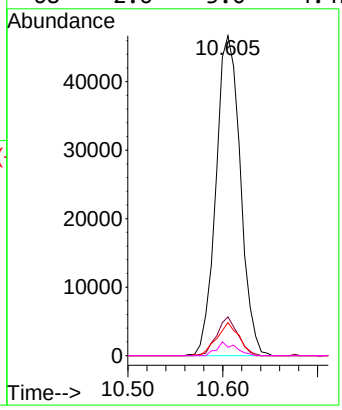




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.605 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:136 Resp: 8340

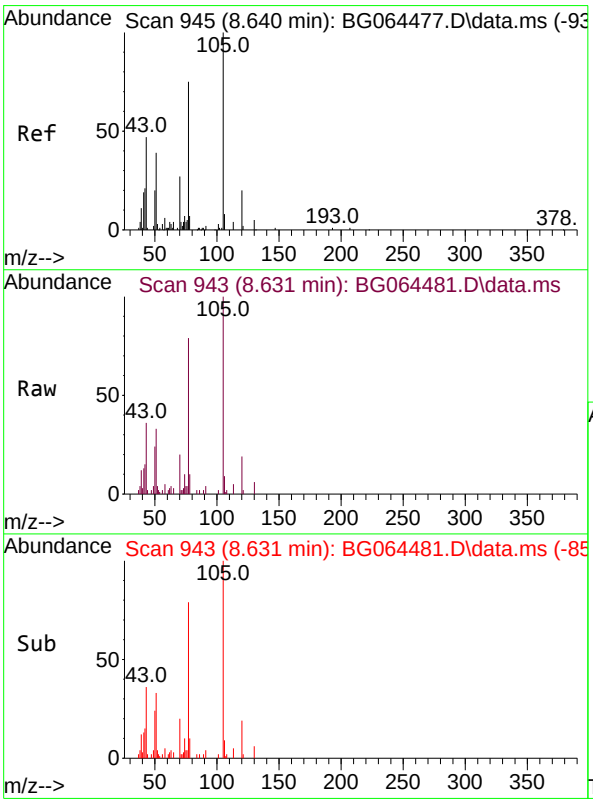
Ion	Ratio	Lower	Upper
136	100		
137	12.2	8.3	12.5
54	10.3	6.2	9.4#
68	2.6	3.0	4.4#



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

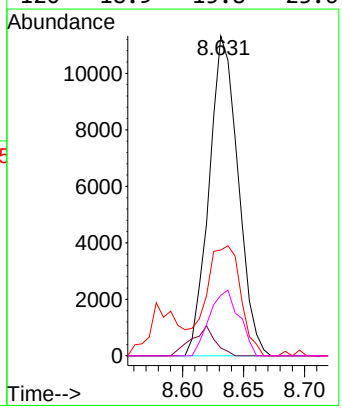
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

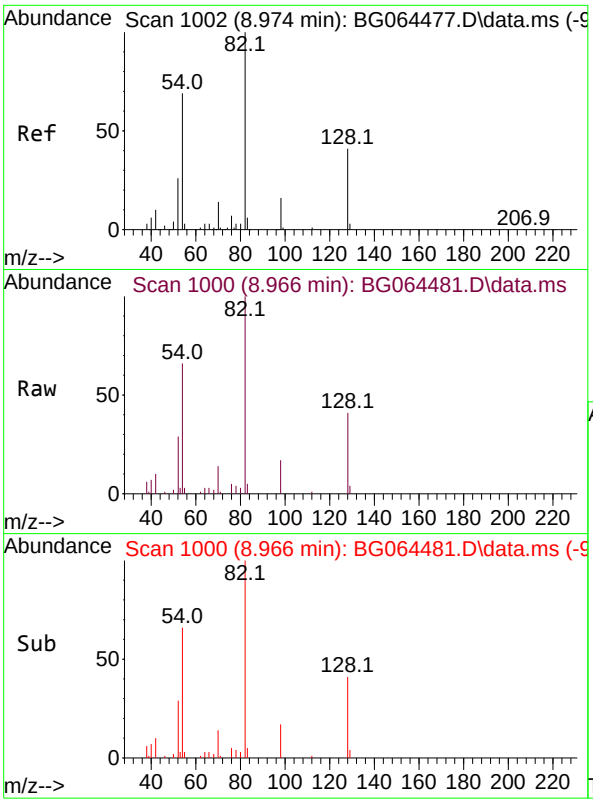


#22
Acetophenone
Concen: 9.286 ng
RT: 8.631 min Scan# 943
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:105 Resp: 18753

Ion	Ratio	Lower	Upper
105	100		
71	2.5	2.8	4.2#
51	33.1	33.0	49.4
120	18.9	15.8	23.6

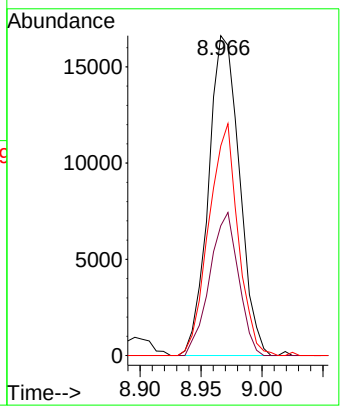




#23
Nitrobenzene-d5
Concen: 18.926 ng
RT: 8.966 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion: 82 Resp: 2935

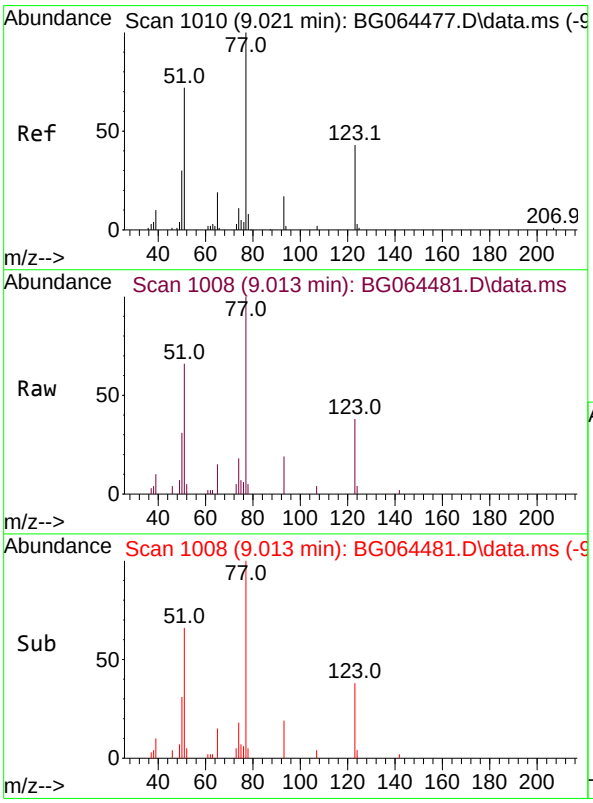
Ion	Ratio	Lower	Upper
82	100		
128	40.6	33.1	49.7
54	65.5	55.4	83.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations
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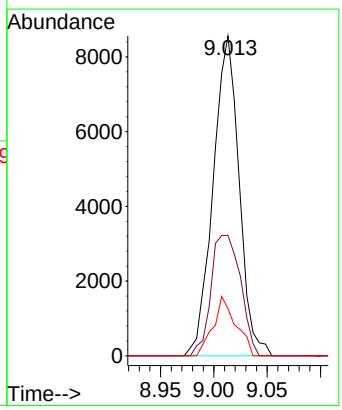
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

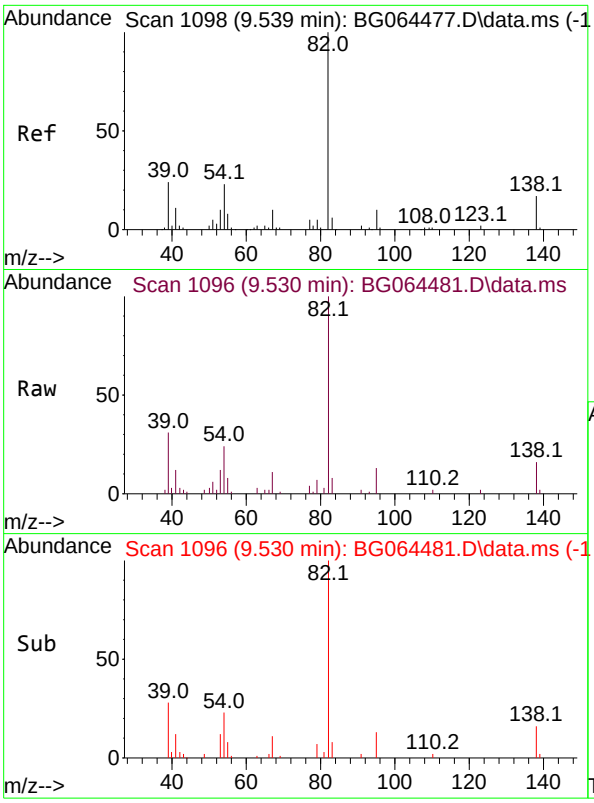


#24
Nitrobenzene
Concen: 9.386 ng
RT: 9.013 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion: 77 Resp: 14519

Ion	Ratio	Lower	Upper
77	100		
123	37.7	34.4	51.6
65	14.8	14.8	22.2#

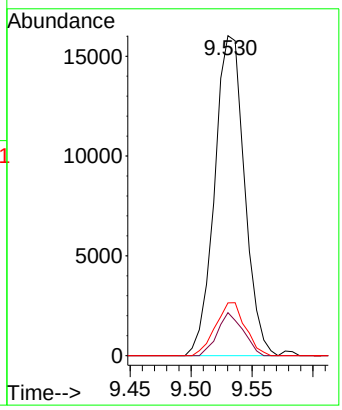




#25
Isophorone
Concen: 9.712 ng
RT: 9.530 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion: 82 Resp: 2729

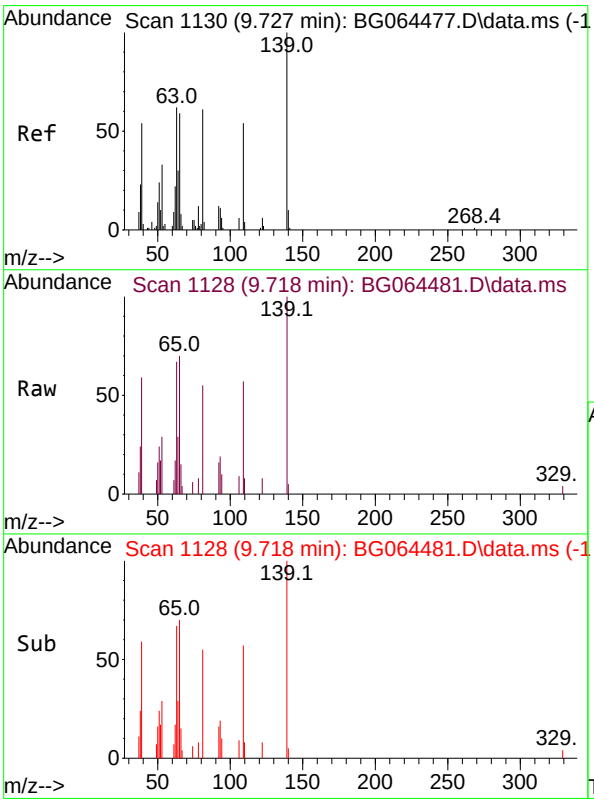
Ion	Ratio	Lower	Upper
82	100		
95	13.4	7.8	11.8#
138	16.5	13.8	20.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

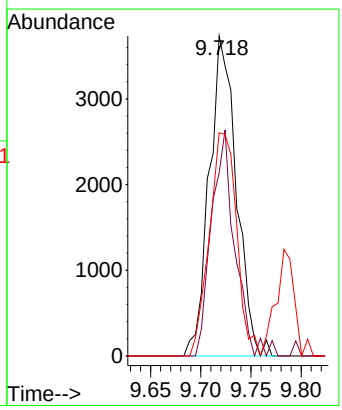
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

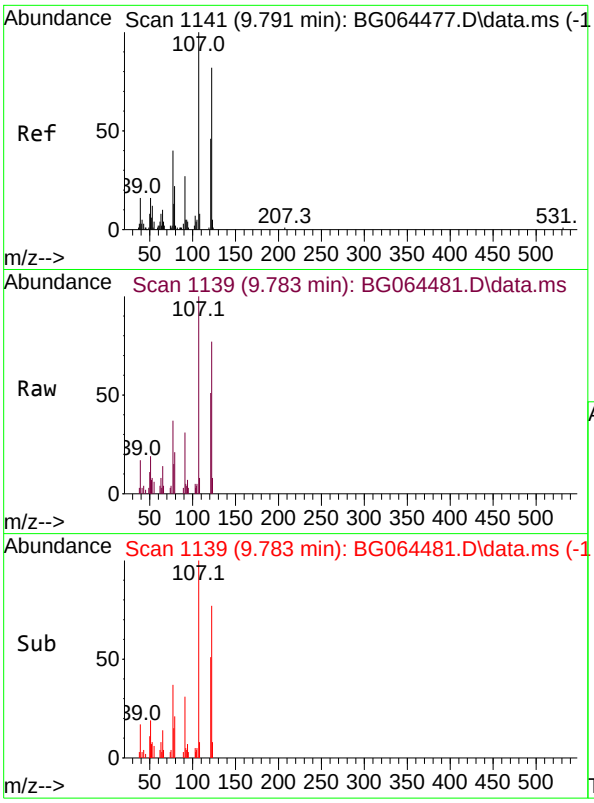


#26
2-Nitrophenol
Concen: 9.130 ng
RT: 9.718 min Scan# 1128
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:139 Resp: 7029

Ion	Ratio	Lower	Upper
139	100		
109	57.2	43.0	64.6
65	69.7	47.4	71.2

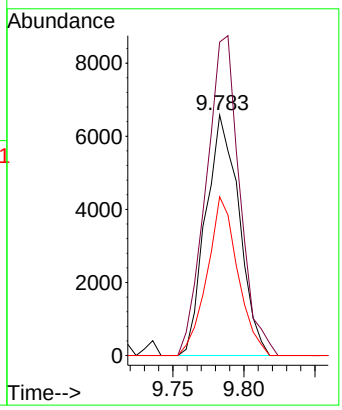




#27
2,4-Dimethylphenol
Concen: 9.122 ng
RT: 9.783 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:122 Resp: 1072

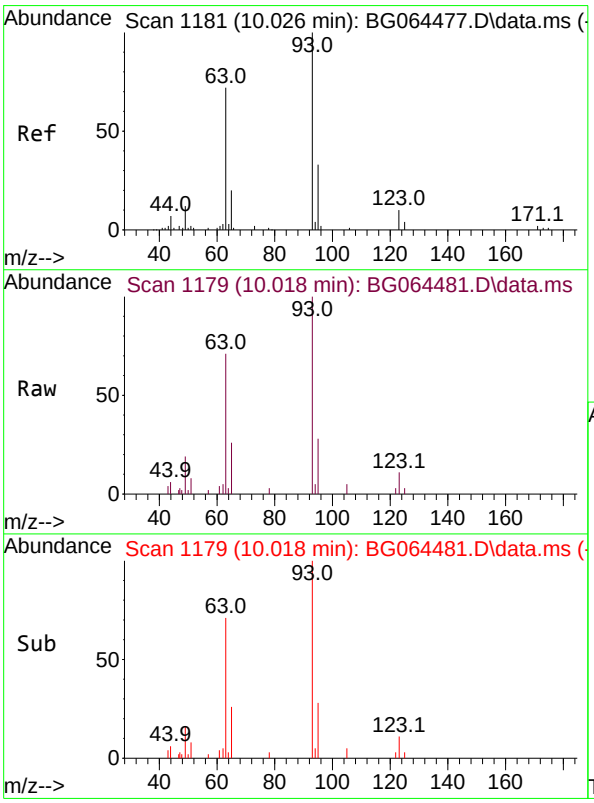
Ion	Ratio	Lower	Upper
122	100		
107	130.3	98.3	147.5
121	66.0	44.7	67.1



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

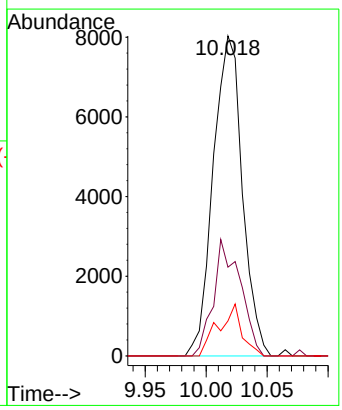
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

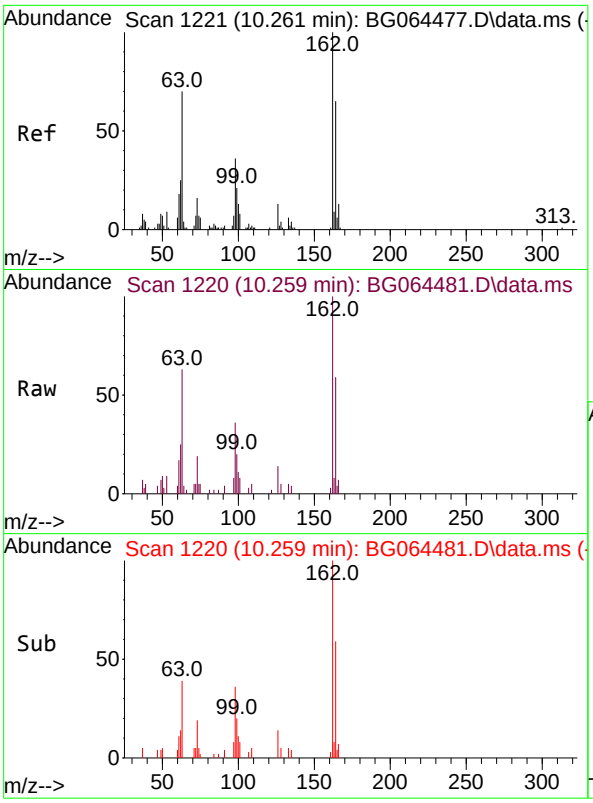


#28
bis(2-Chloroethoxy)methane
Concen: 9.323 ng
RT: 10.018 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion: 93 Resp: 13354

Ion	Ratio	Lower	Upper
93	100		
95	27.7	26.5	39.7
123	10.9	8.9	13.3

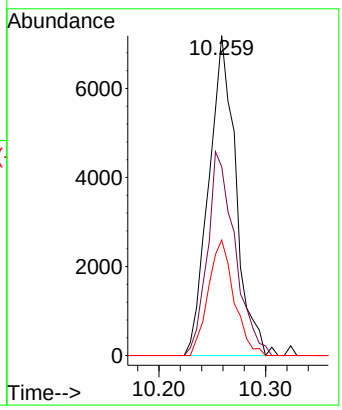




#29
2,4-Dichlorophenol
Concen: 9.349 ng
RT: 10.259 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:162 Resp: 1271

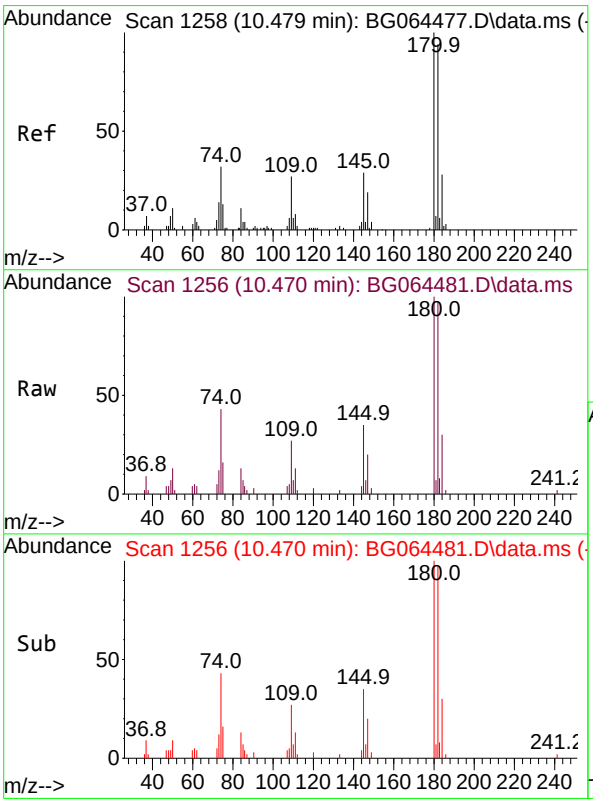
Ion	Ratio	Lower	Upper
162	100		
164	59.0	45.4	85.4
98	36.1	16.4	56.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

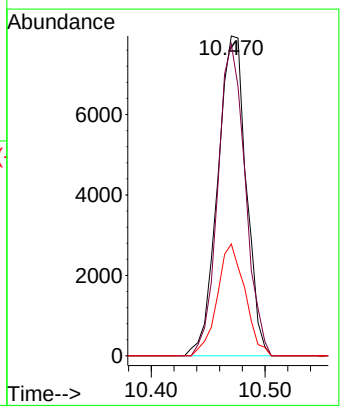
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

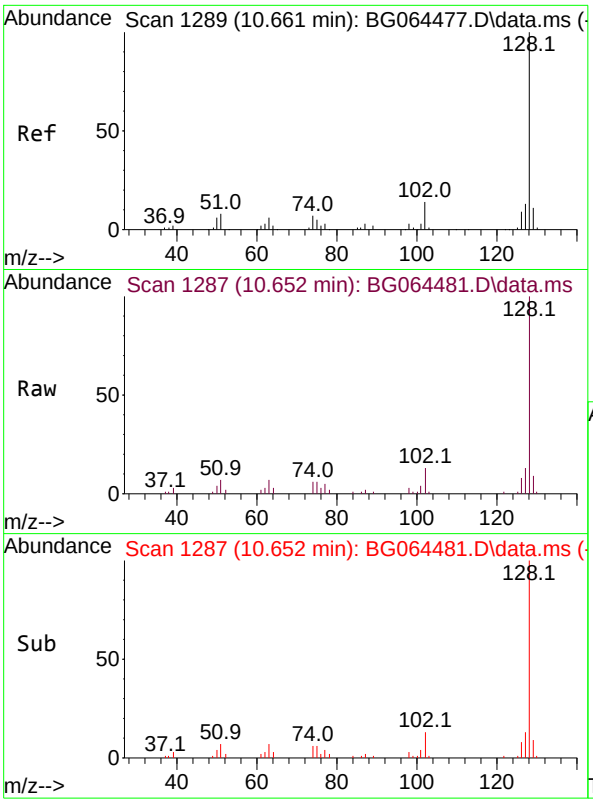


#30
1,2,4-Trichlorobenzene
Concen: 9.366 ng
RT: 10.470 min Scan# 1256
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:180 Resp: 13887

Ion	Ratio	Lower	Upper
180	100		
182	105.1	75.4	113.2
145	35.0	23.2	34.8#

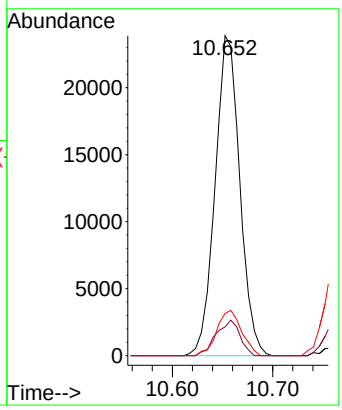




#31
Naphthalene
Concen: 9.512 ng
RT: 10.652 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:128 Resp: 4085

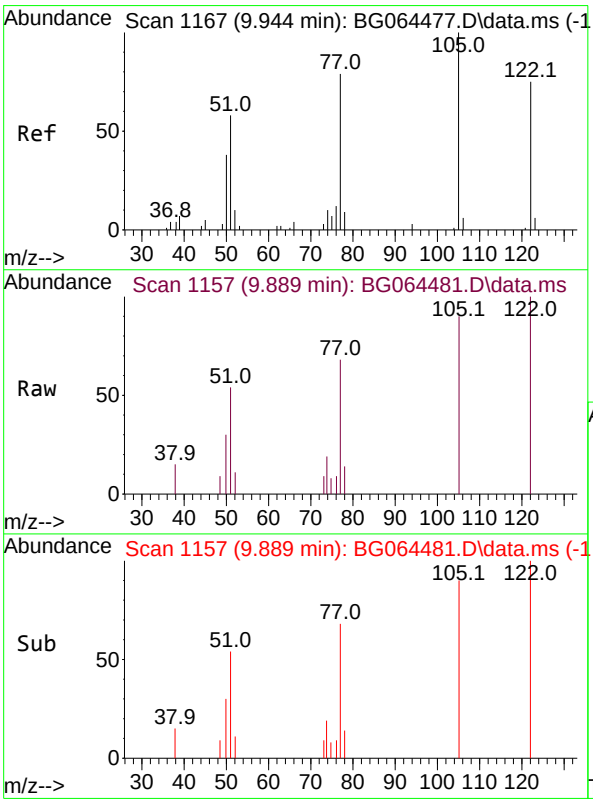
Ion	Ratio	Lower	Upper
128	100		
129	9.0	8.7	13.1
127	13.2	10.2	15.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

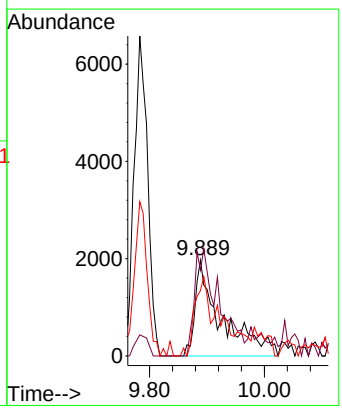
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

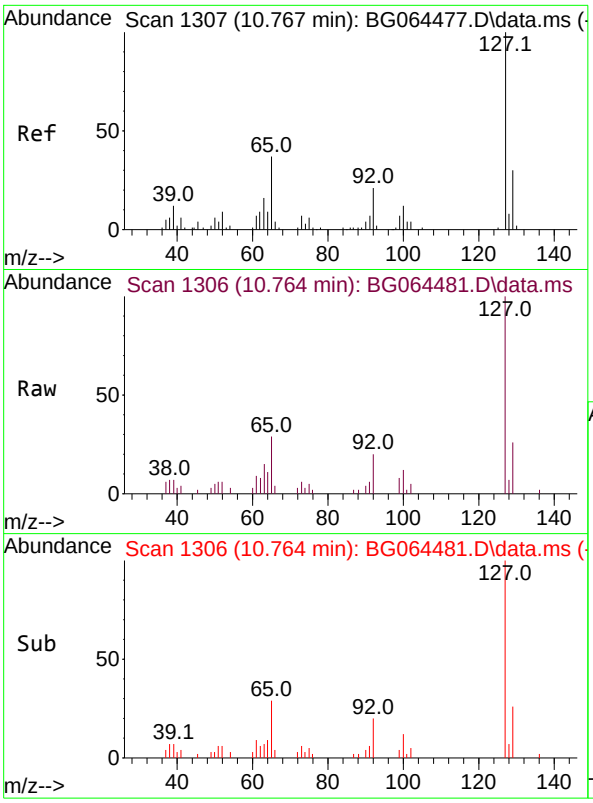


#32
Benzoic acid
Concen: 6.894 ng m
RT: 9.889 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:122 Resp: 6224

Ion	Ratio	Lower	Upper
122	100		
105	89.5	113.9	153.9#
77	68.1	86.1	126.1#

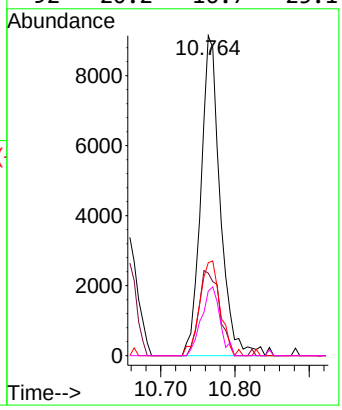




#33
4-Chloroaniline
Concen: 10.065 ng
RT: 10.764 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:127 Resp: 1658

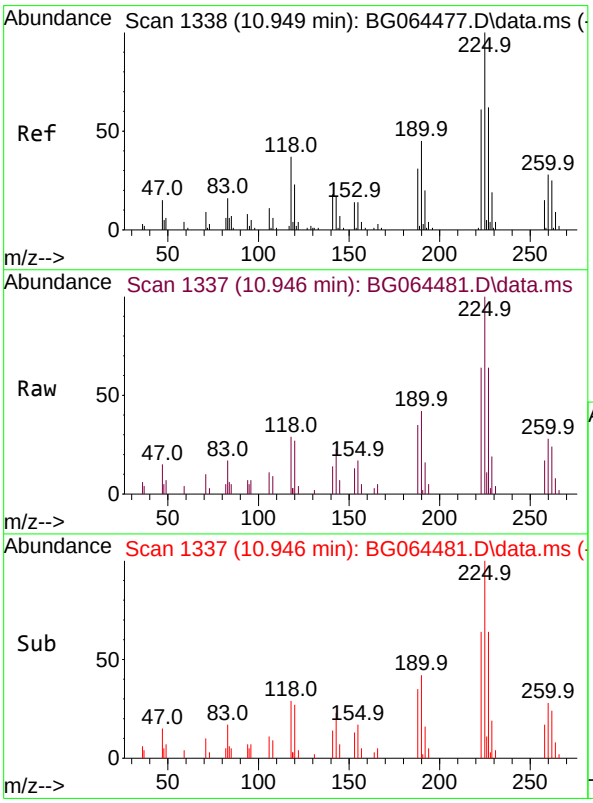
Ion	Ratio	Lower	Upper
127	100		
129	25.8	24.2	36.4
65	29.0	29.6	44.4#
92	20.2	16.7	25.1



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

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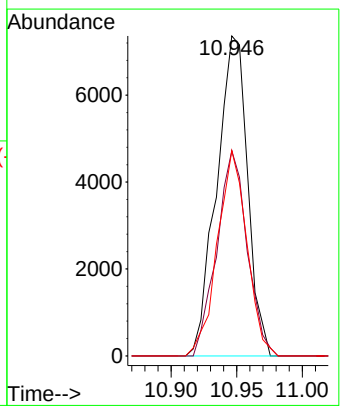
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

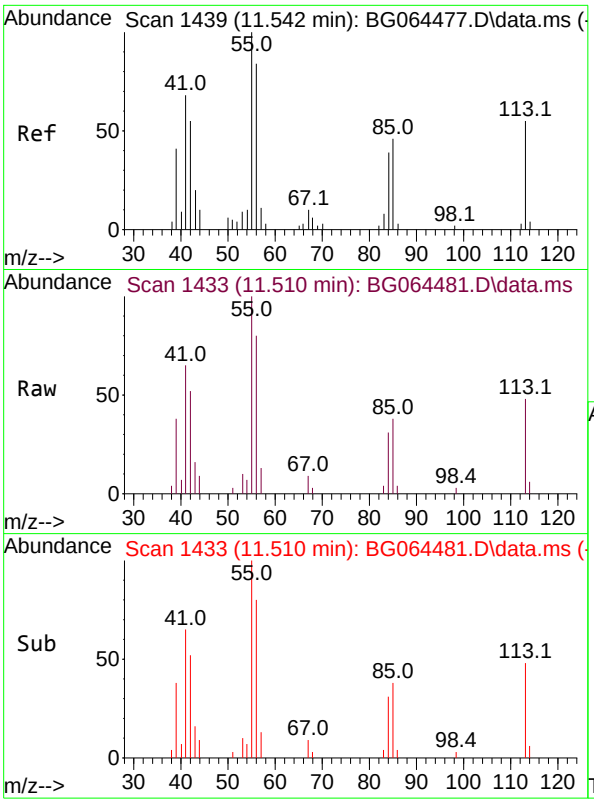


#34
Hexachlorobutadiene
Concen: 9.503 ng
RT: 10.946 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:225 Resp: 12067

Ion	Ratio	Lower	Upper
225	100		
223	64.1	49.0	73.6
227	64.1	49.9	74.9

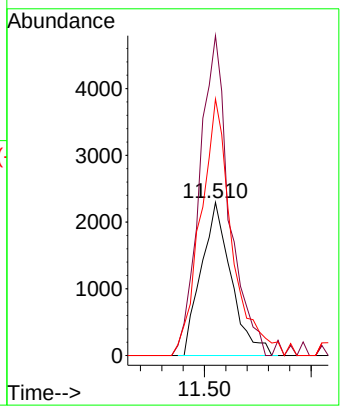




#35
Caprolactam
Concen: 9.648 ng
RT: 11.510 min Scan# 14
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:113 Resp: 4491

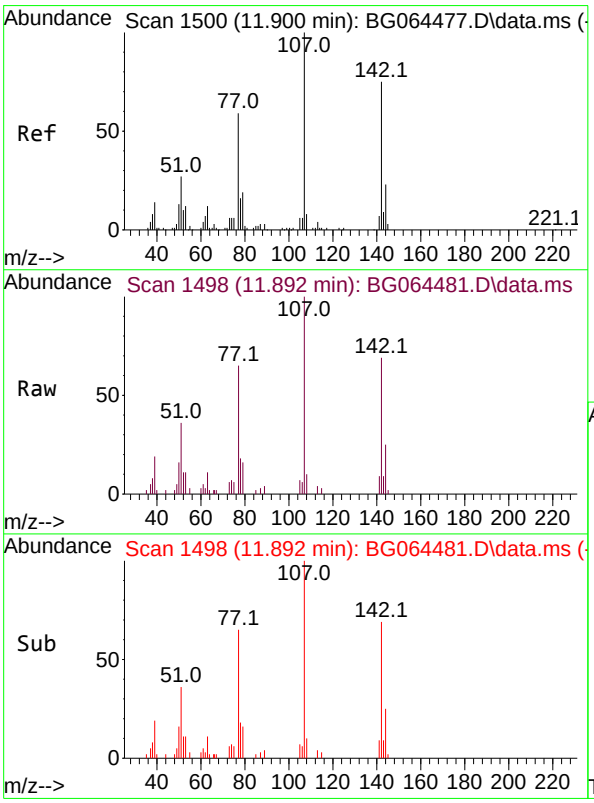
Ion	Ratio	Lower	Upper
113	100		
55	209.0	162.0	202.0#
56	167.6	134.6	174.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations
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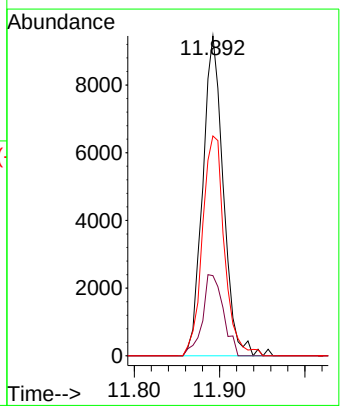
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

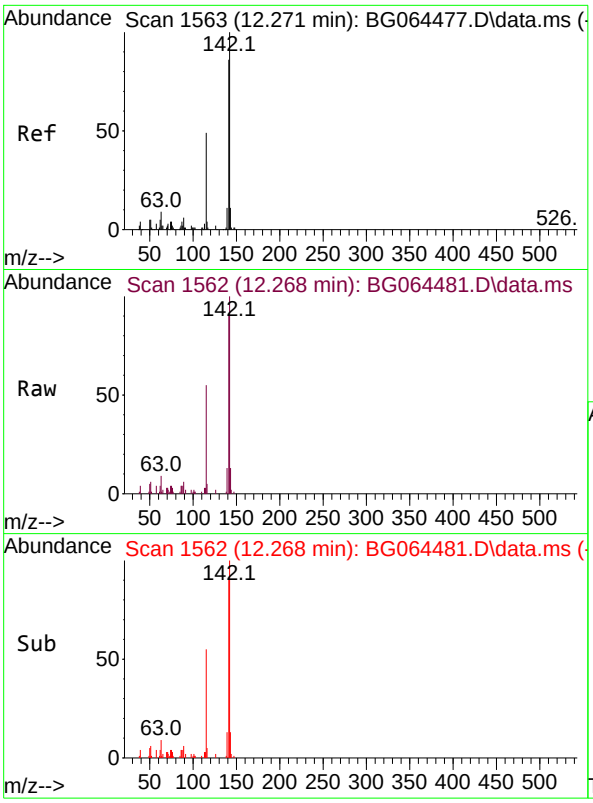


#36
4-Chloro-3-methylphenol
Concen: 9.597 ng
RT: 11.892 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:107 Resp: 15870

Ion	Ratio	Lower	Upper
107	100		
144	25.1	18.7	28.1
142	68.7	60.2	90.2

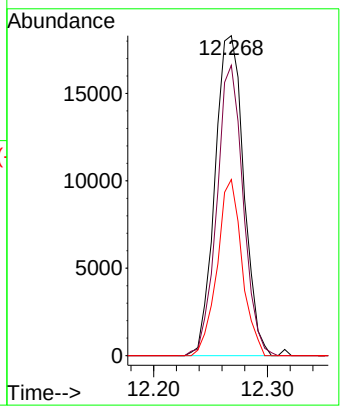




#37
2-Methylnaphthalene
Concen: 9.749 ng
RT: 12.268 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:142 Resp: 3214

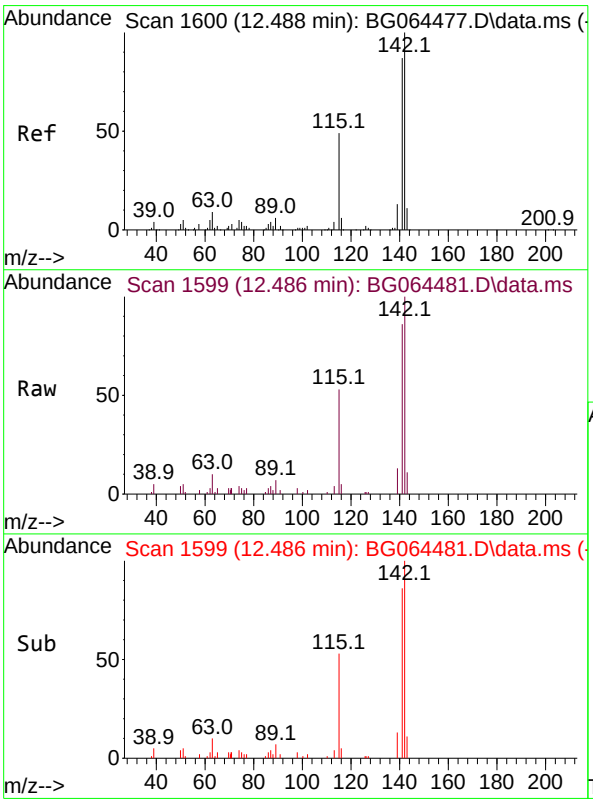
Ion	Ratio	Lower	Upper
142	100		
141	90.7	68.7	103.1
115	55.0	39.3	58.9



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

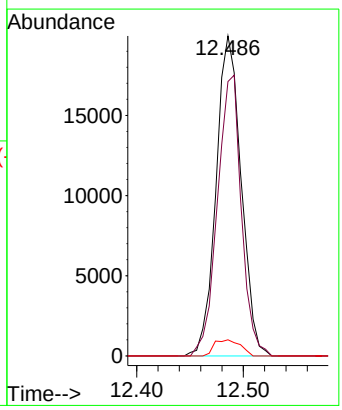
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

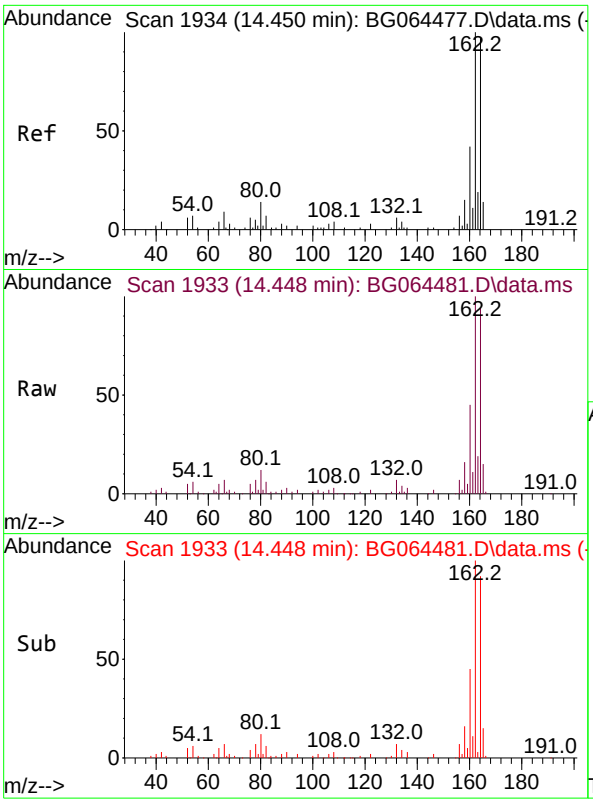


#38
1-Methylnaphthalene
Concen: 9.921 ng
RT: 12.486 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:142 Resp: 32614

Ion	Ratio	Lower	Upper
142	100		
141	85.7	69.8	104.8
116	5.1	4.6	6.8

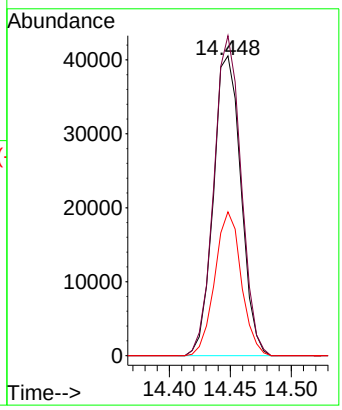




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.448 min Scan# 19
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:164 Resp: 6348

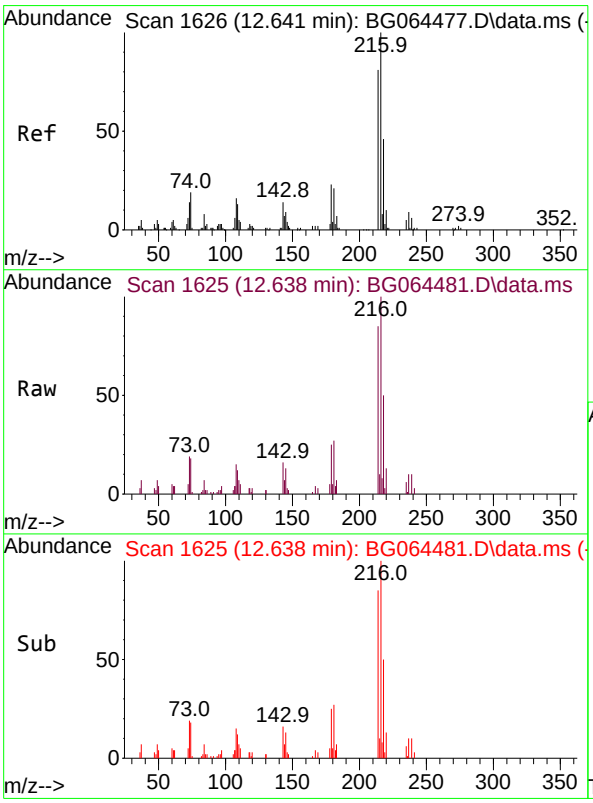
Ion	Ratio	Lower	Upper
164	100		
162	106.7	82.2	123.2
160	48.0	34.3	51.5



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

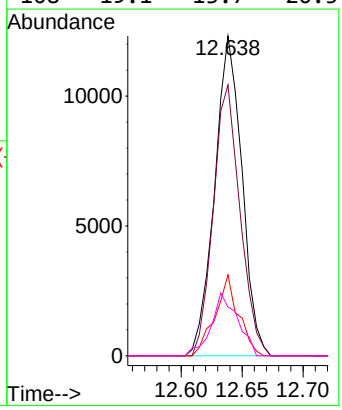
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

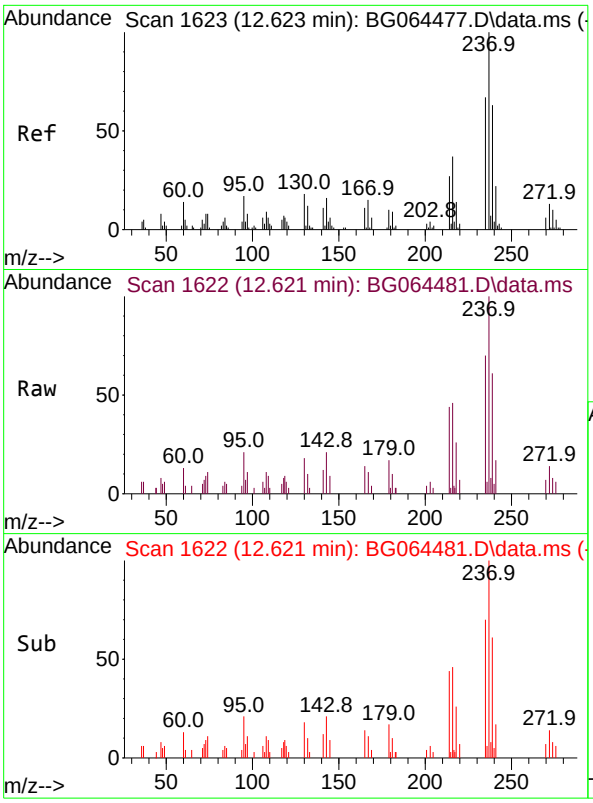


#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.354 ng
RT: 12.638 min Scan# 1625
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:216 Resp: 19175

Ion	Ratio	Lower	Upper
216	100		
214	82.9	62.5	93.7
179	21.7	17.0	25.6
108	19.1	13.7	20.5

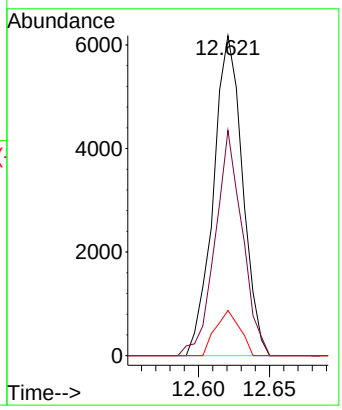




#41
Hexachlorocyclopentadiene
Concen: 8.249 ng
RT: 12.621 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:237 Resp: 884

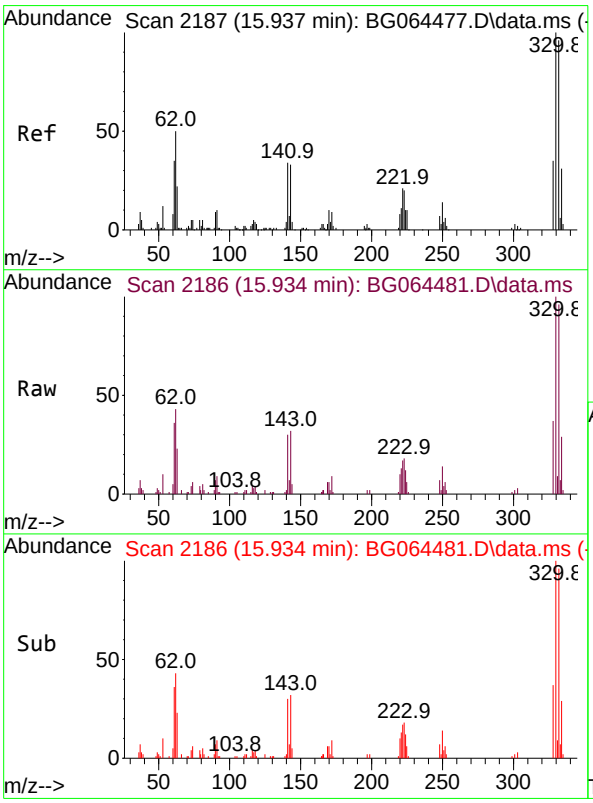
Ion	Ratio	Lower	Upper
237	100		
235	70.4	46.9	86.9
272	14.1	0.0	32.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations
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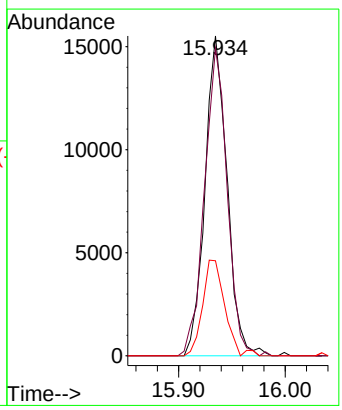
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

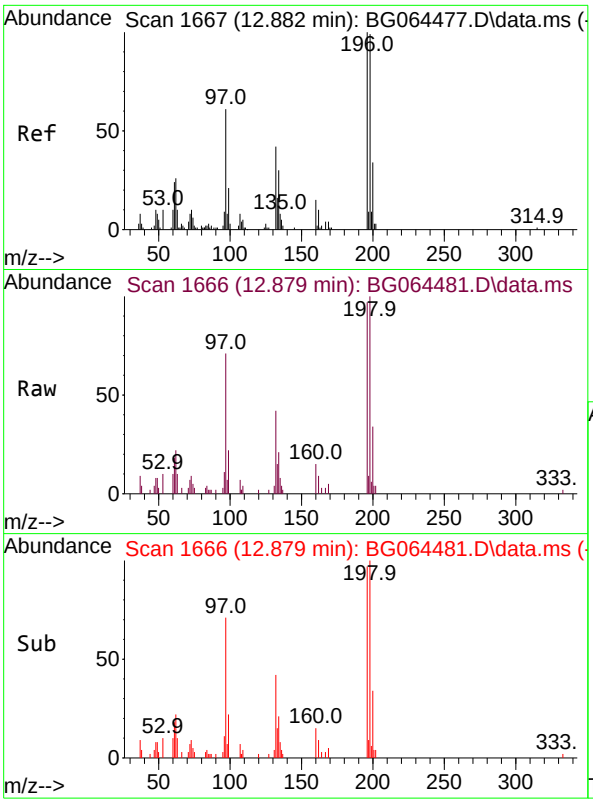


#42
2,4,6-Tribromophenol
Concen: 19.423 ng
RT: 15.934 min Scan# 2186
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:330 Resp: 22352

Ion	Ratio	Lower	Upper
330	100		
332	98.9	77.4	116.0
141	30.0	25.8	38.6





#43
2,4,6-Trichlorophenol
Concen: 9.457 ng
RT: 12.879 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

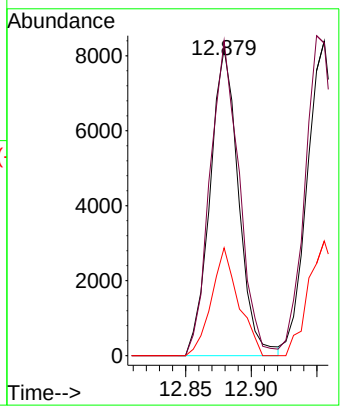
Tgt Ion:196 Resp: 1239

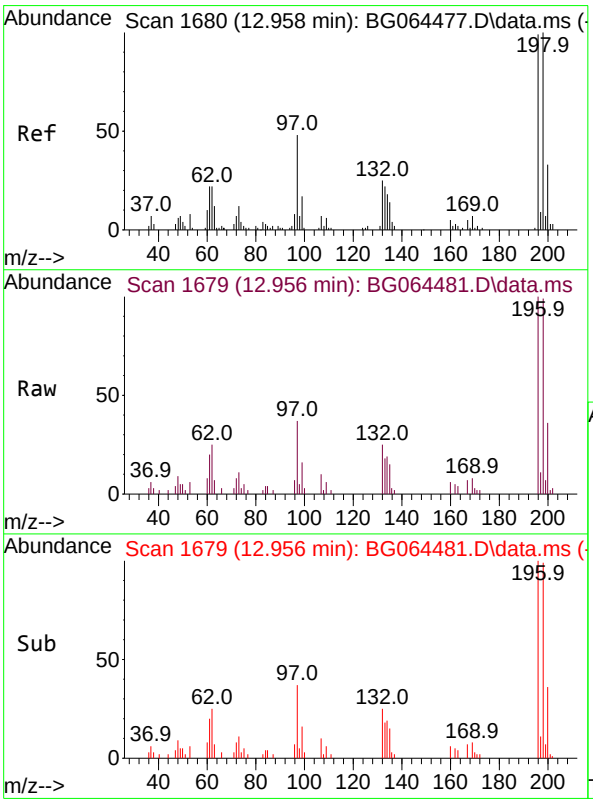
Ion	Ratio	Lower	Upper
196	100		
198	102.6	79.3	118.9
200	39.2	27.4	41.2

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations
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Reviewed By :Rahul Chavli 10/03/2025
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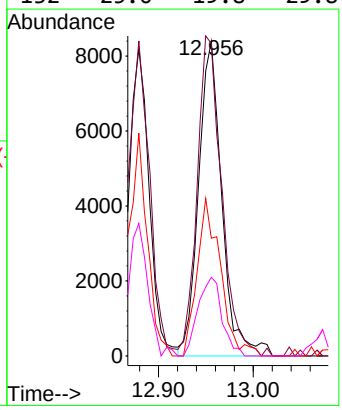


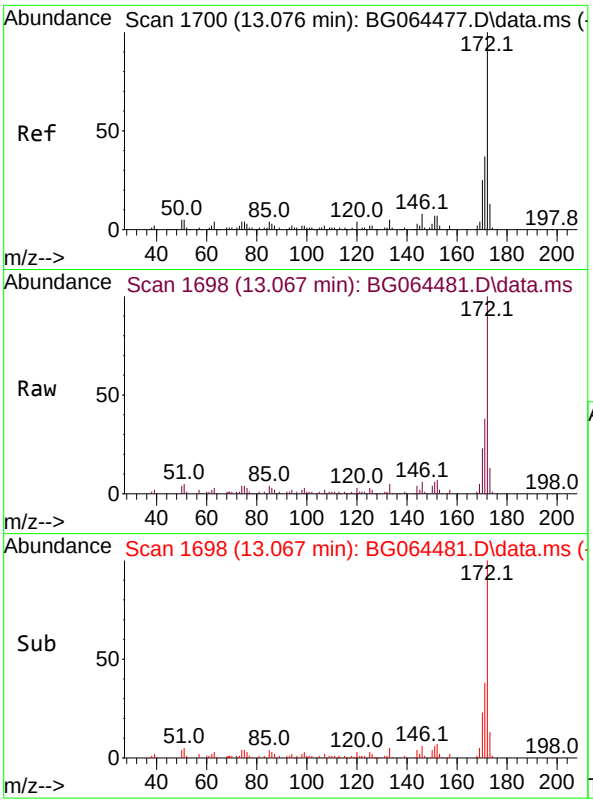


#44
2,4,5-Trichlorophenol
Concen: 9.806 ng
RT: 12.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:196 Resp: 14346

Ion	Ratio	Lower	Upper
196	100		
198	99.3	80.3	120.5
97	37.4	39.4	59.0#
132	25.0	19.8	29.8





#45
2-Fluorobiphenyl
Concen: 19.718 ng
RT: 13.067 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

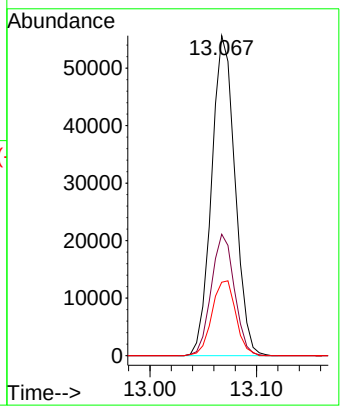
Tgt Ion:172 Resp: 8492

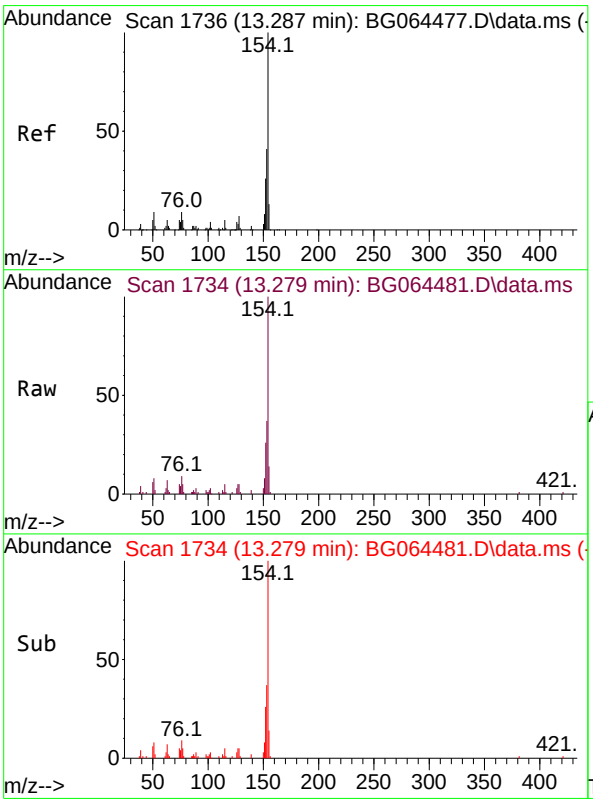
Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.6	44.4
170	22.9	20.2	30.2

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

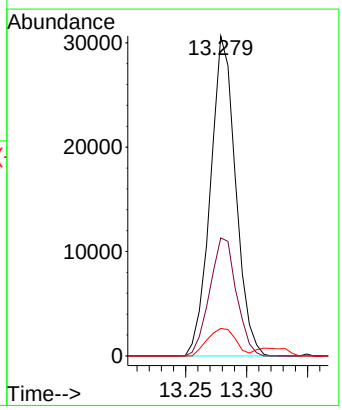


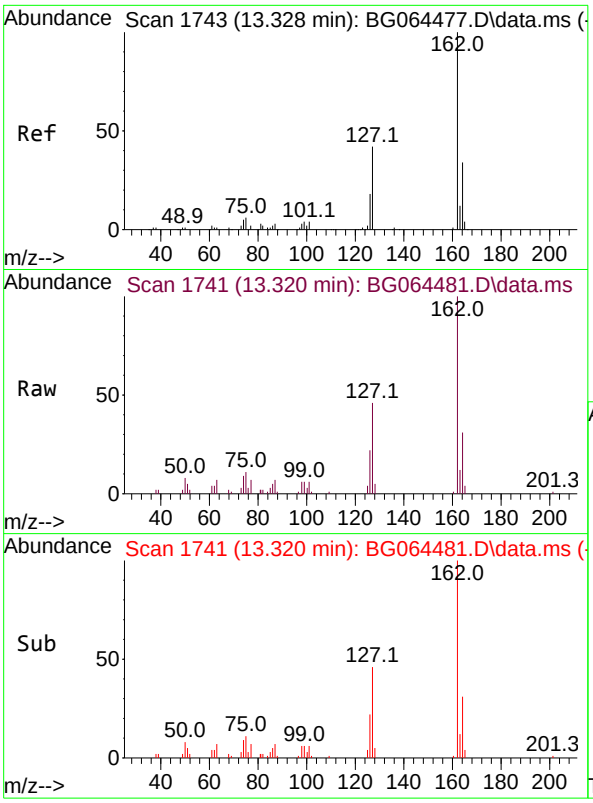


#46
1,1'-Biphenyl
Concen: 9.648 ng
RT: 13.279 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:154 Resp: 44053

Ion	Ratio	Lower	Upper
154	100		
153	36.9	20.7	60.7
76	8.6	0.0	29.3

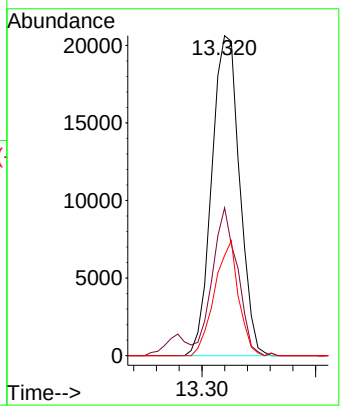




#47
2-Chloronaphthalene
Concen: 10.281 ng
RT: 13.320 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:162 Resp: 3505

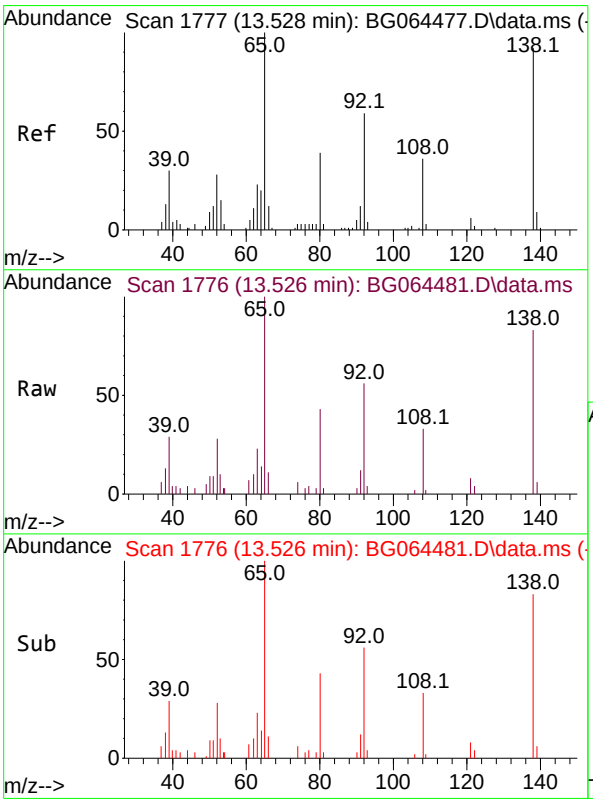
Ion	Ratio	Lower	Upper
162	100		
127	46.2	35.8	53.8
164	31.3	27.2	40.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

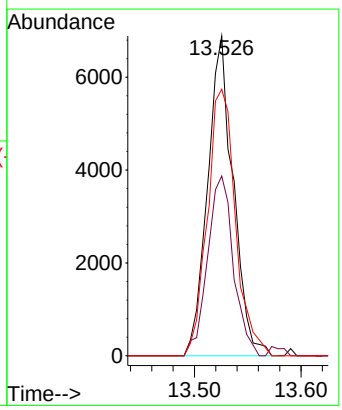
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

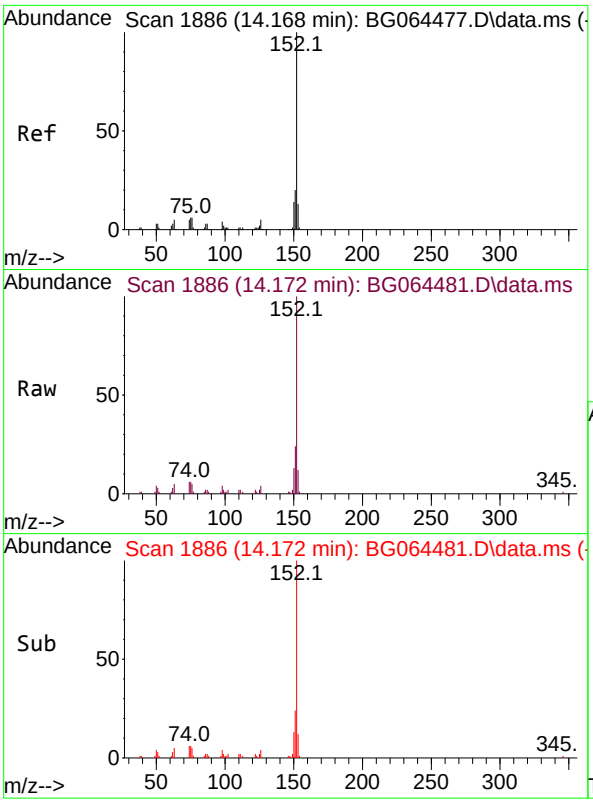


#48
2-Nitroaniline
Concen: 9.868 ng
RT: 13.526 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion: 65 Resp: 11482

Ion	Ratio	Lower	Upper
65	100		
92	56.2	47.0	70.6
138	83.3	73.5	110.3

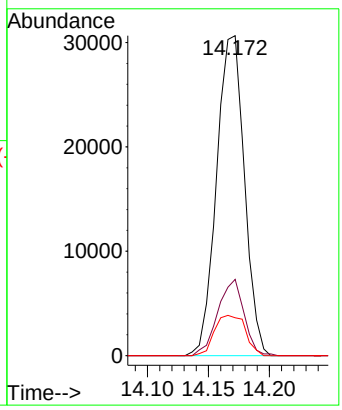




#49
Acenaphthylene
Concen: 9.624 ng
RT: 14.172 min Scan# 18
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:152 Resp: 4870

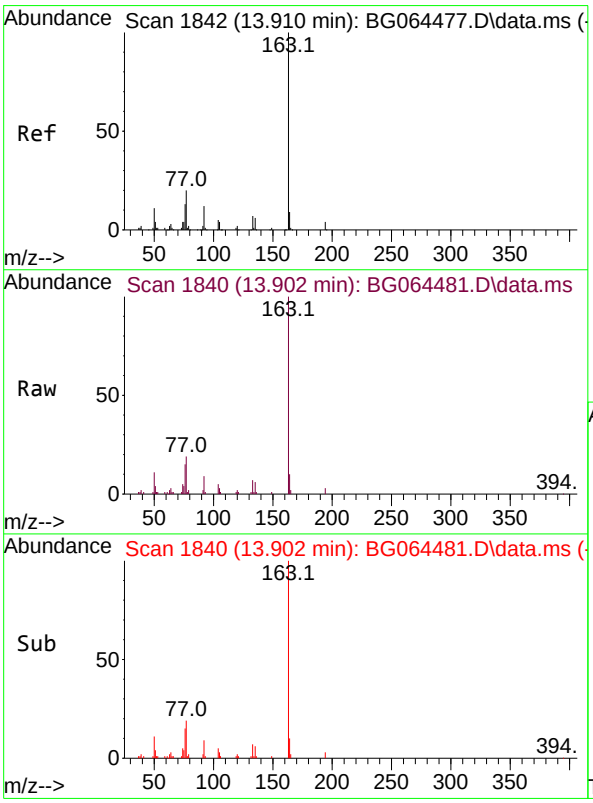
Ion	Ratio	Lower	Upper
152	100		
151	23.8	15.8	23.6
153	11.8	10.6	15.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

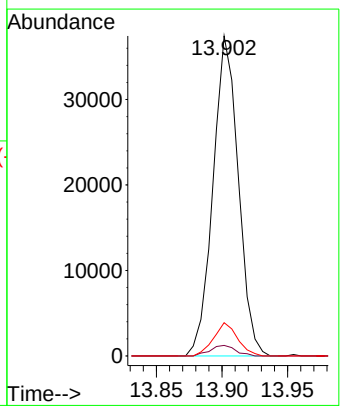
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

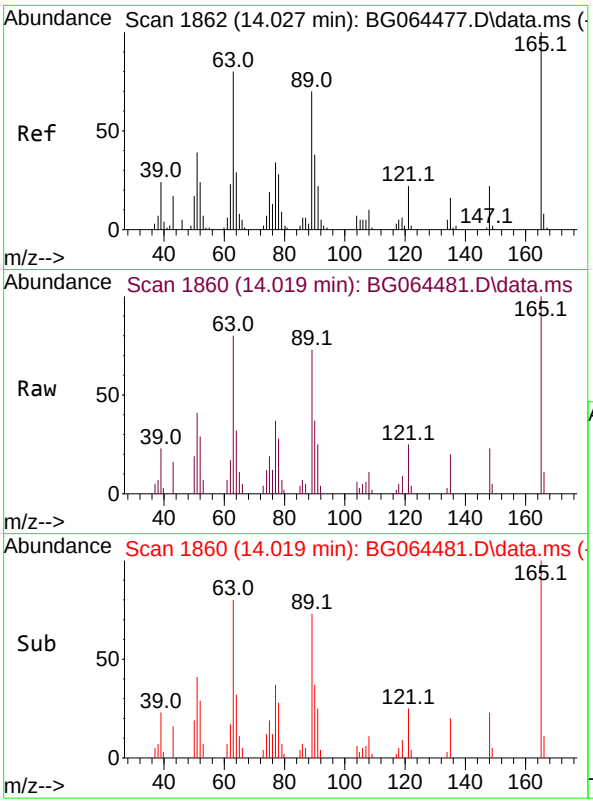


#50
Dimethylphthalate
Concen: 10.110 ng
RT: 13.902 min Scan# 1840
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:163 Resp: 50268

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.9	4.3
164	10.4	7.4	11.0

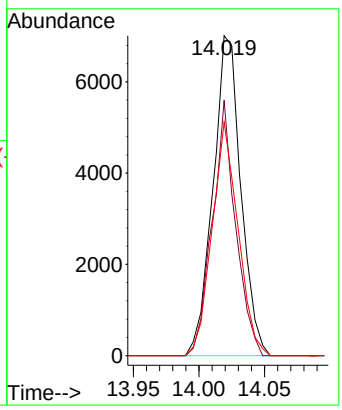




#51
2,6-Dinitrotoluene
Concen: 9.980 ng
RT: 14.019 min Scan# 18
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:165 Resp: 1033

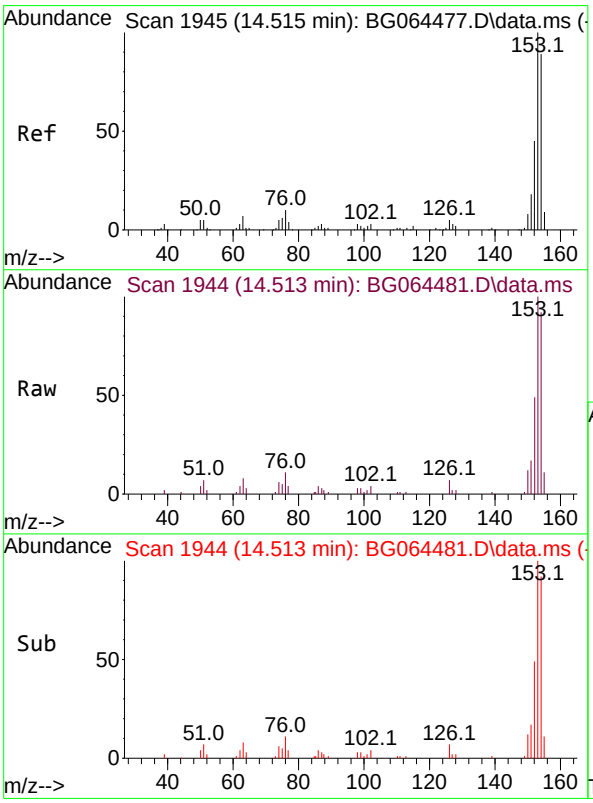
Ion	Ratio	Lower	Upper
165	100		
63	79.8	63.9	95.9
89	73.0	56.1	84.1



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

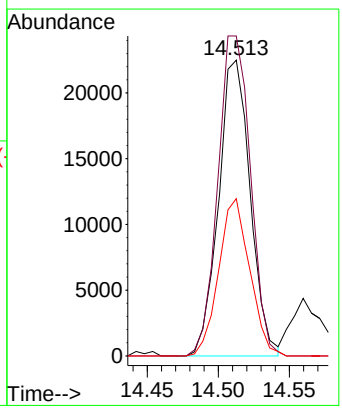
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

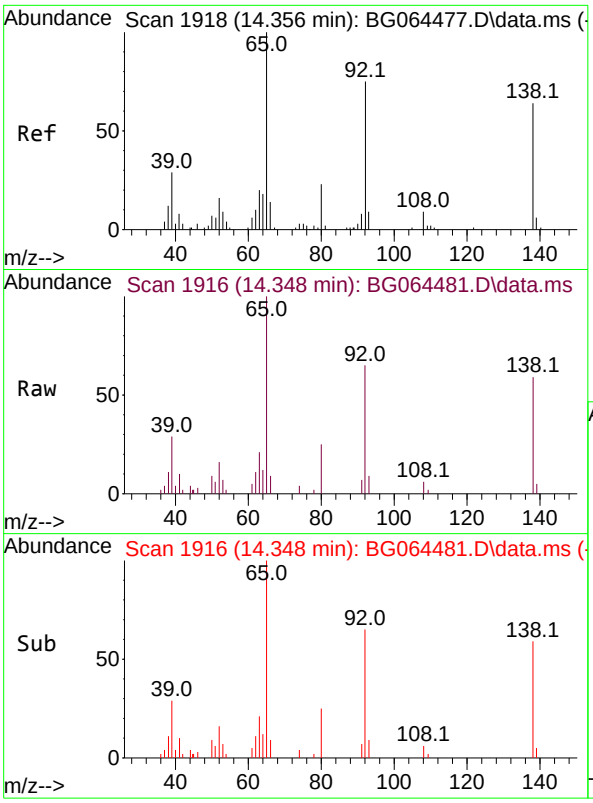


#52
Acenaphthene
Concen: 9.922 ng
RT: 14.513 min Scan# 1944
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:154 Resp: 34887

Ion	Ratio	Lower	Upper
154	100		
153	108.2	90.2	135.4
152	53.2	40.2	60.4





#53
3-Nitroaniline
Concen: 9.780 ng
RT: 14.348 min Scan# 19
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

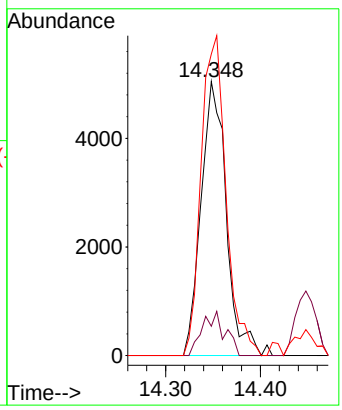
Tgt Ion:138 Resp: 934

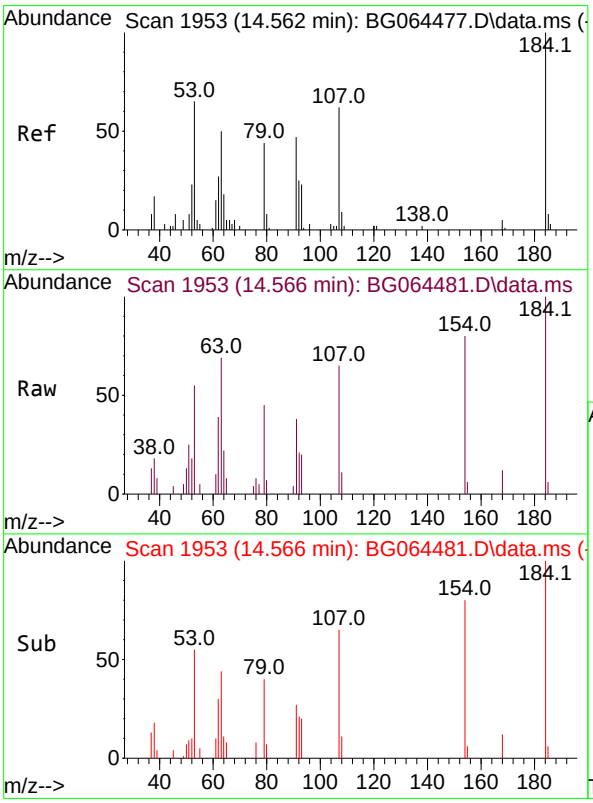
Ion	Ratio	Lower	Upper
138	100		
108	10.7	10.6	15.8
92	110.1	93.2	139.8

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

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Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

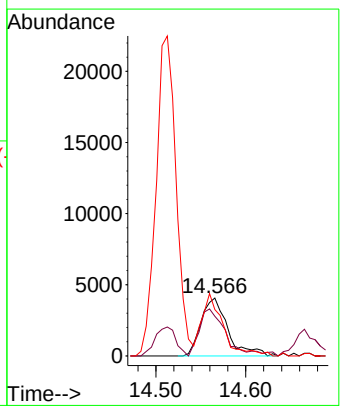


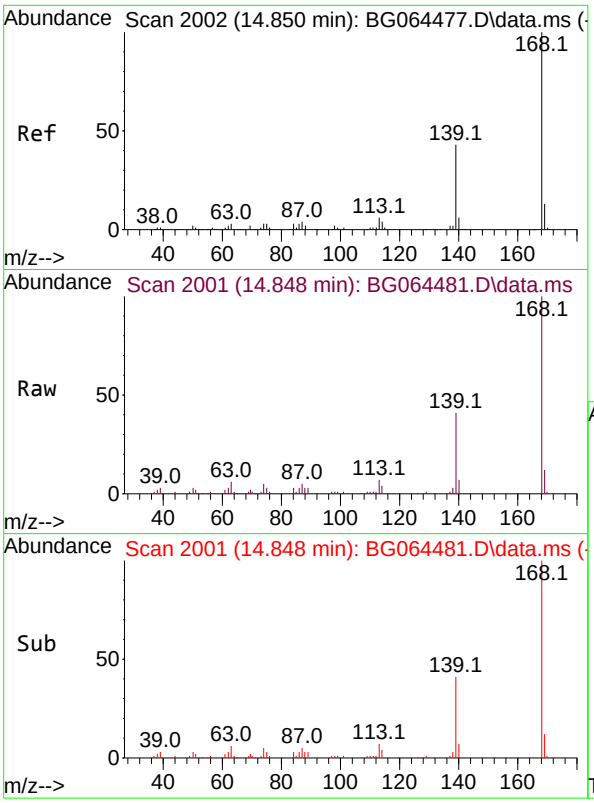


#54
2,4-Dinitrophenol
Concen: 11.216 ng
RT: 14.566 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:184 Resp: 8424

Ion	Ratio	Lower	Upper
184	100		
63	68.6	69.0	103.4#
154	80.0	95.6	143.4#

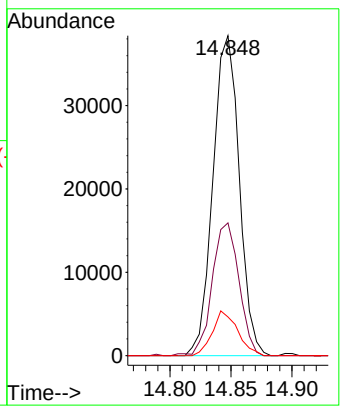




#55
Dibenzofuran
Concen: 9.897 ng
RT: 14.848 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:168 Resp: 5745

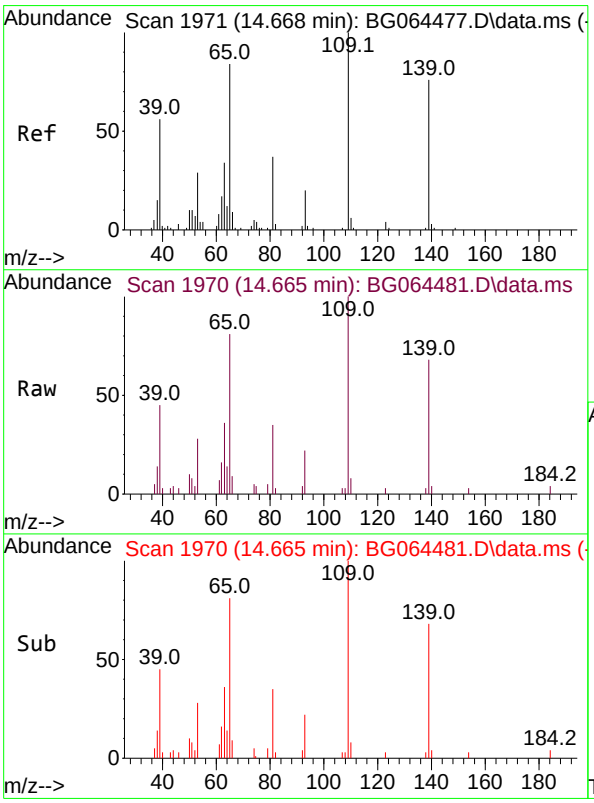
Ion	Ratio	Lower	Upper
168	100		
139	41.5	34.0	51.0
169	12.1	10.2	15.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

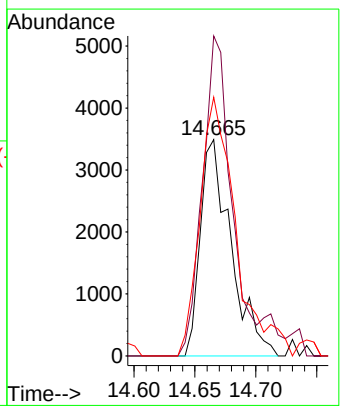
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

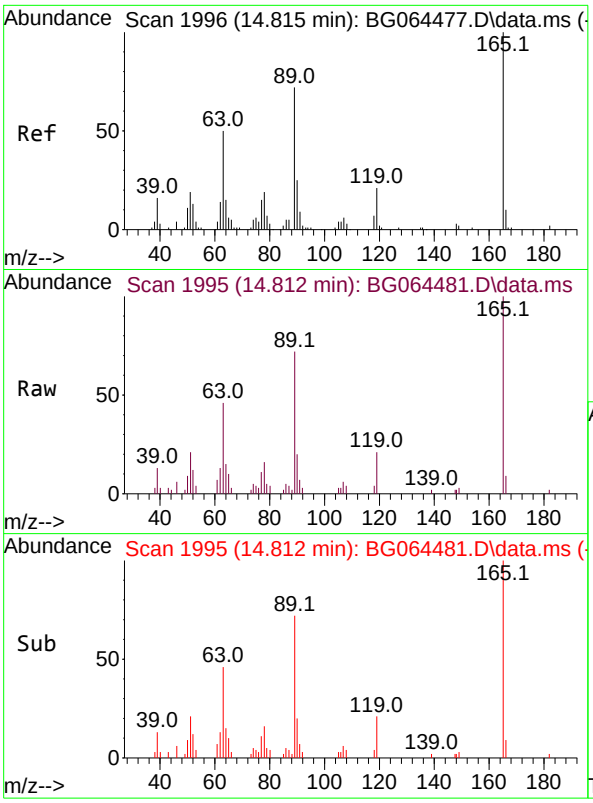


#56
4-Nitrophenol
Concen: 8.116 ng
RT: 14.665 min Scan# 1970
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:139 Resp: 6104

Ion	Ratio	Lower	Upper
139	100		
109	148.0	111.8	151.8
65	119.6	91.1	131.1

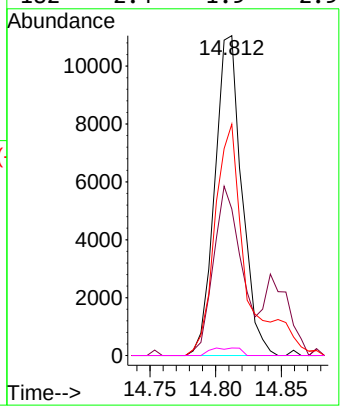




#57
2,4-Dinitrotoluene
Concen: 10.006 ng
RT: 14.812 min Scan# 19
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:165 Resp: 1584

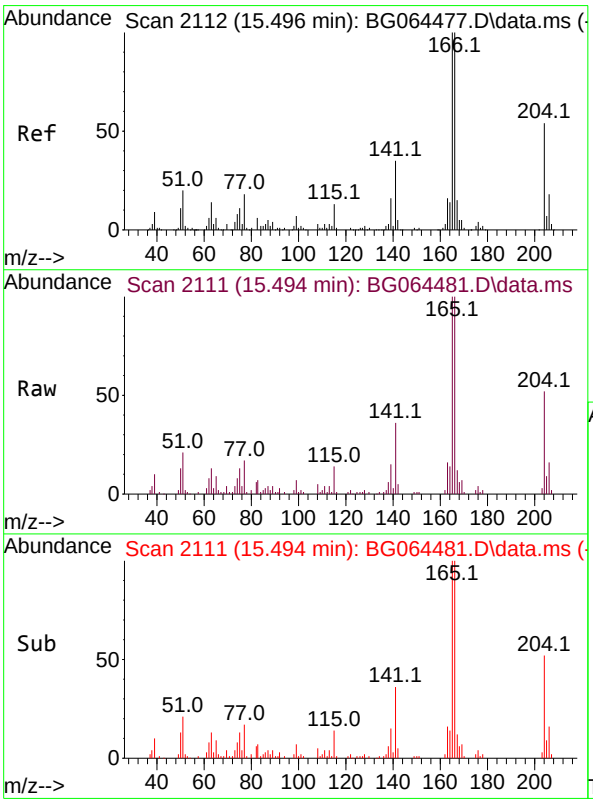
Ion	Ratio	Lower	Upper
165	100		
63	45.8	40.4	60.6
89	72.3	57.3	85.9
182	2.4	1.9	2.9



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

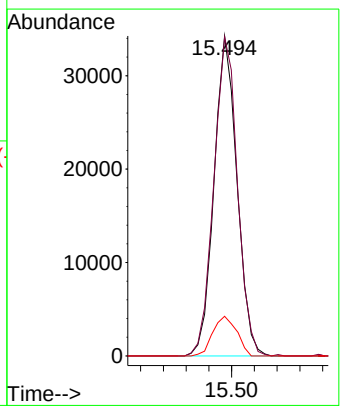
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

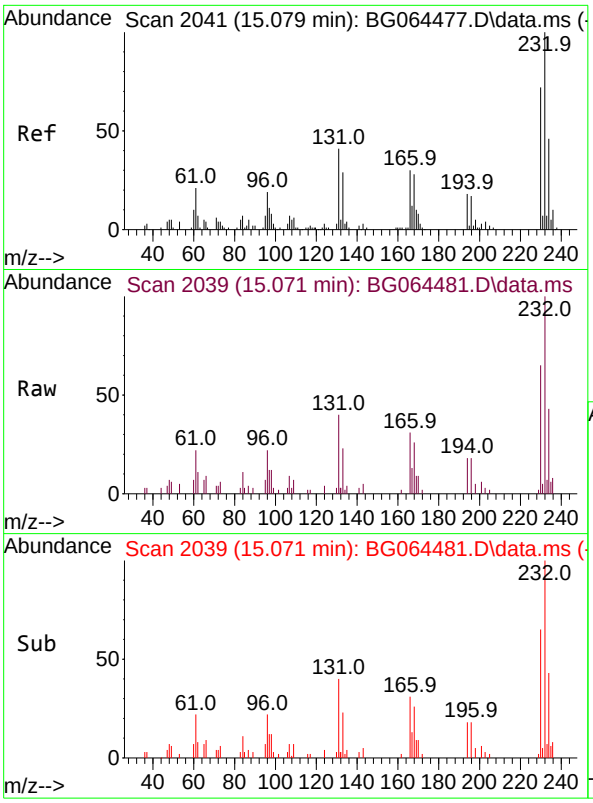


#58
Fluorene
Concen: 9.937 ng
RT: 15.494 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:166 Resp: 47958

Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.8	119.6
167	12.4	11.7	17.5

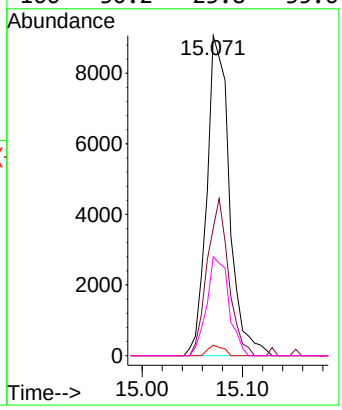




#59
2,3,4,6-Tetrachlorophenol
Concen: 9.514 ng
RT: 15.071 min Scan# 20
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:232 Resp: 1420

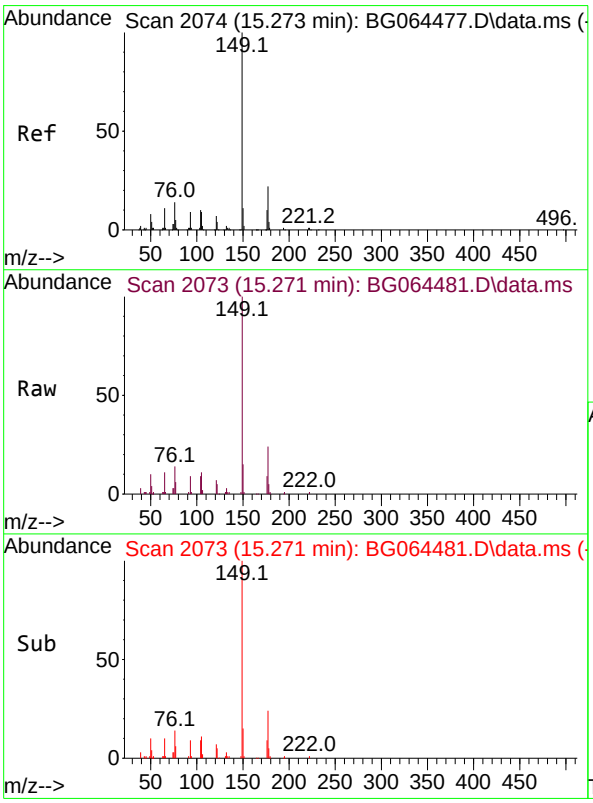
Ion	Ratio	Lower	Upper
232	100		
131	46.2	35.0	52.4
130	2.2	2.0	3.0
166	30.2	23.8	35.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

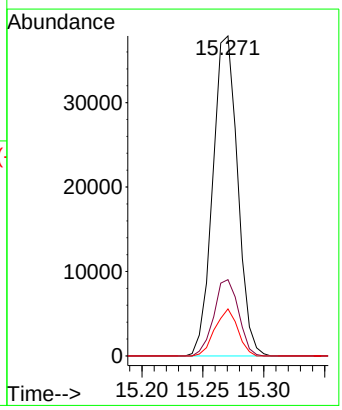
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

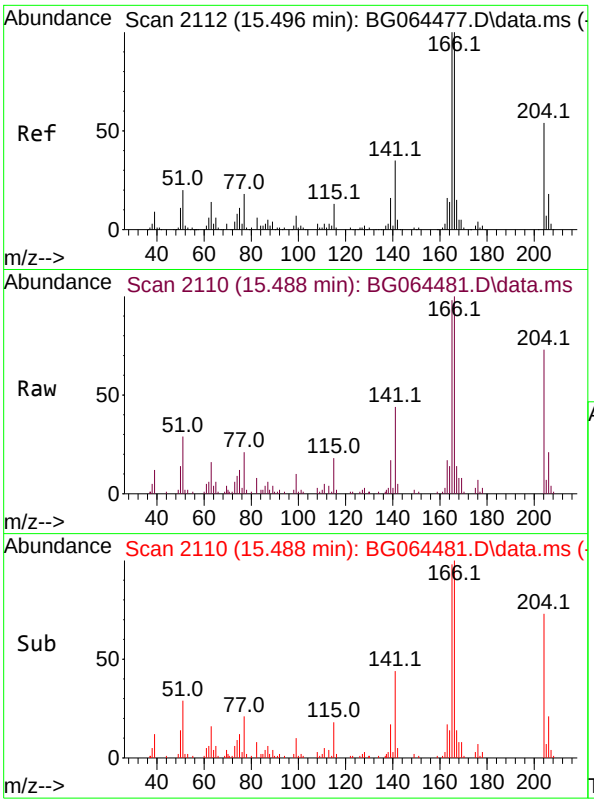


#60
Diethylphthalate
Concen: 10.066 ng
RT: 15.271 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:149 Resp: 53695

Ion	Ratio	Lower	Upper
149	100		
177	23.8	17.4	26.0
150	14.7	9.1	13.7#

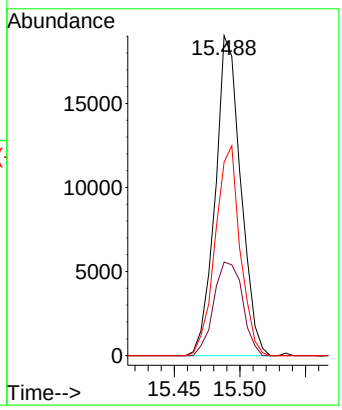




#61
4-Chlorophenyl-phenylether
Concen: 9.742 ng
RT: 15.488 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:204 Resp: 2566

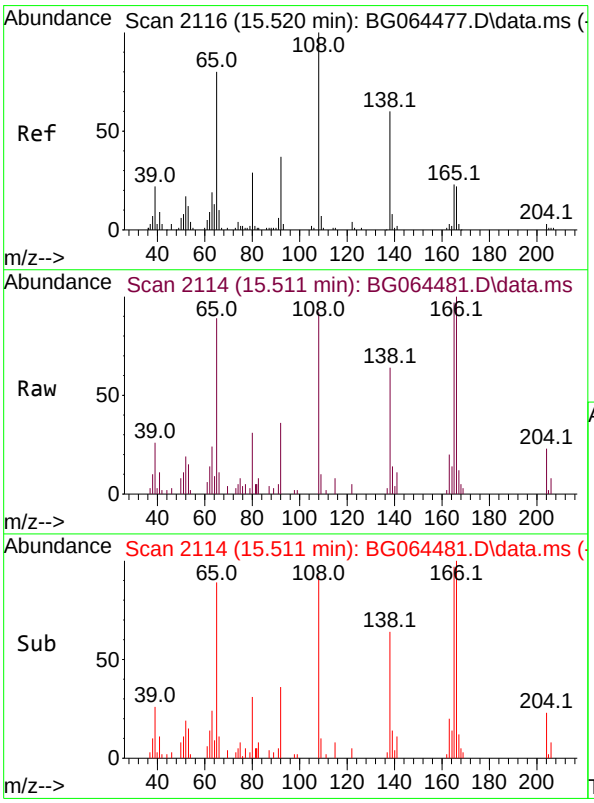
Ion	Ratio	Lower	Upper
204	100		
206	29.2	27.1	40.7
141	60.5	51.5	77.3



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

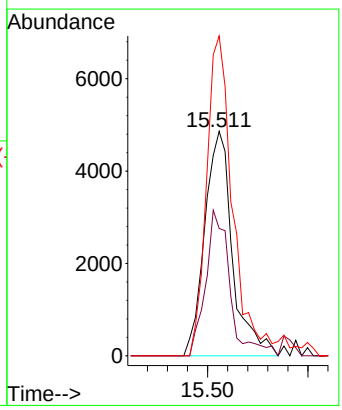
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

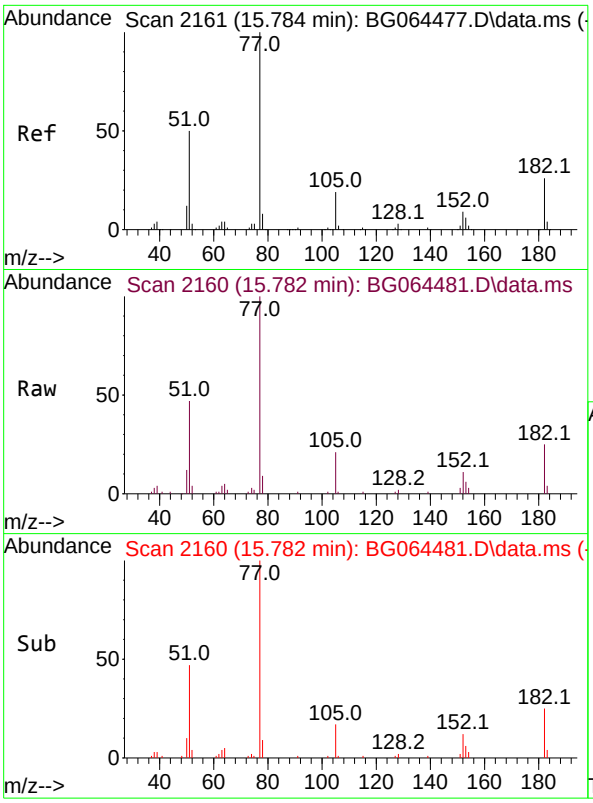


#62
4-Nitroaniline
Concen: 9.431 ng
RT: 15.511 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:138 Resp: 9390

Ion	Ratio	Lower	Upper
138	100		
92	56.8	42.3	82.3
108	142.5	147.7	187.7#

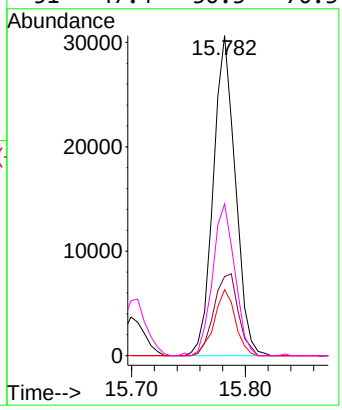




#63
Azobenzene
Concen: 9.982 ng
RT: 15.782 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion: 77 Resp: 4123

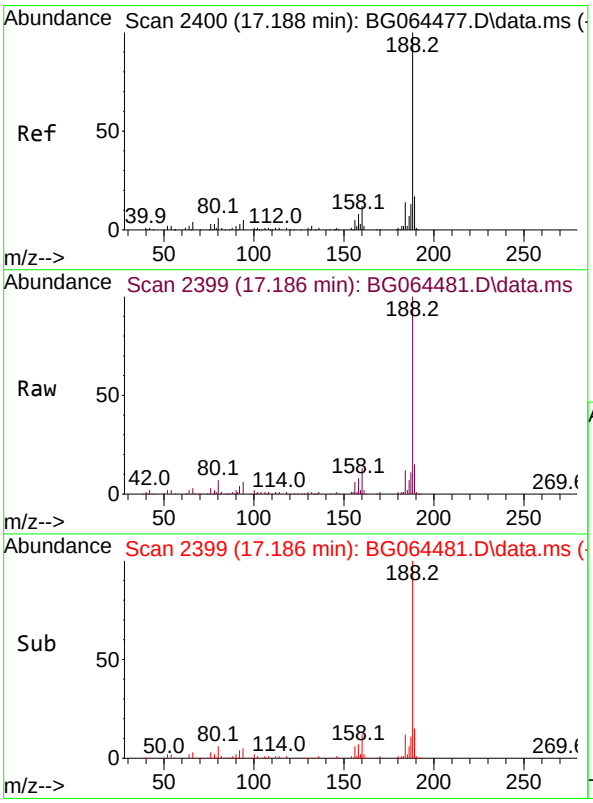
Ion	Ratio	Lower	Upper
77	100		
182	24.7	6.3	46.3
105	20.6	0.0	38.7
51	47.4	30.3	70.3



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

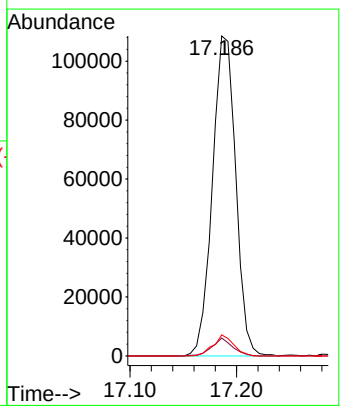
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

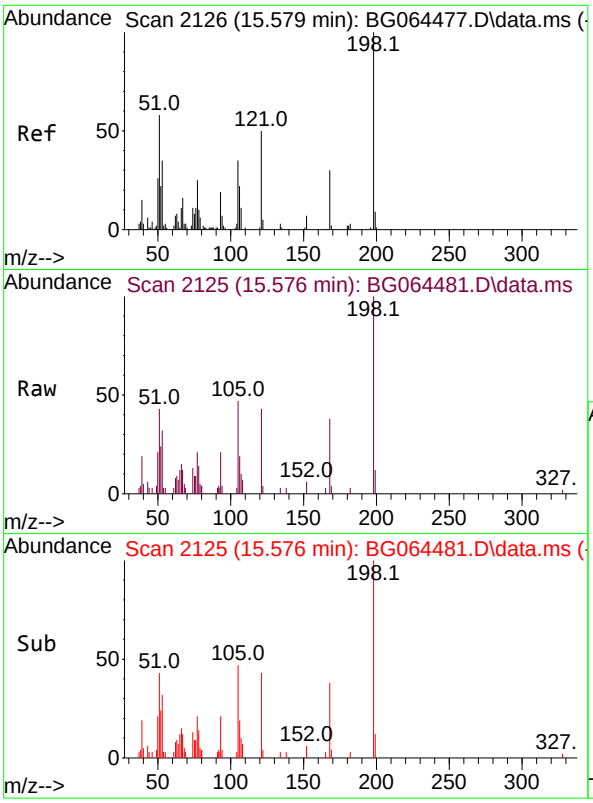


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.186 min Scan# 2399
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:188 Resp: 165339

Ion	Ratio	Lower	Upper
188	100		
94	5.6	3.7	5.5#
80	6.6	4.5	6.7

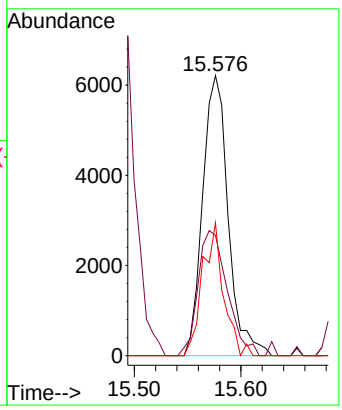




#65
4,6-Dinitro-2-methylphenol
Concen: 8.960 ng
RT: 15.576 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:198 Resp: 1031

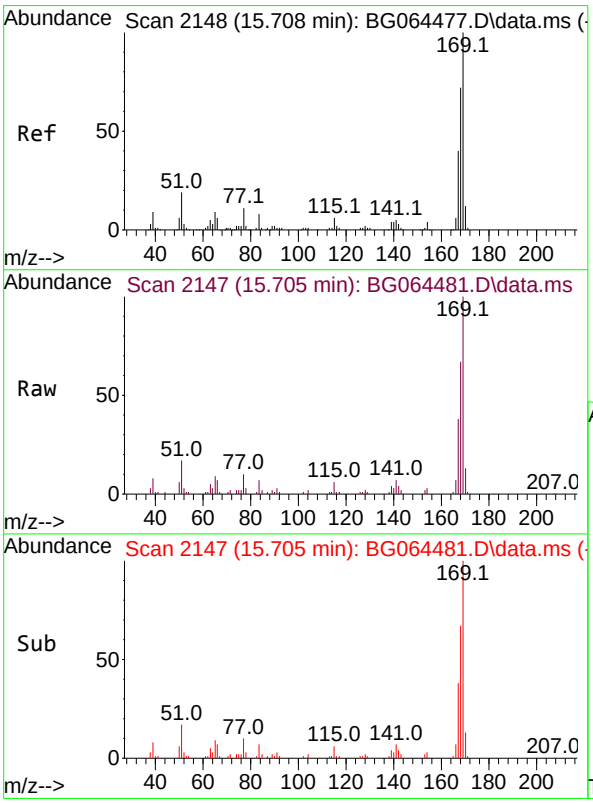
Ion	Ratio	Lower	Upper
198	100		
51	42.9	39.0	79.0
105	47.4	15.8	55.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

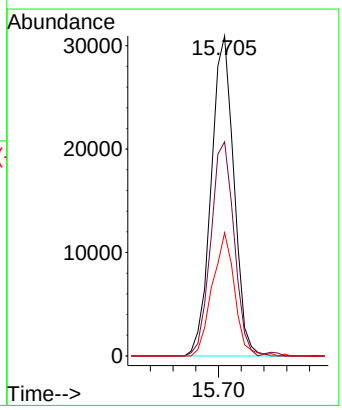
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

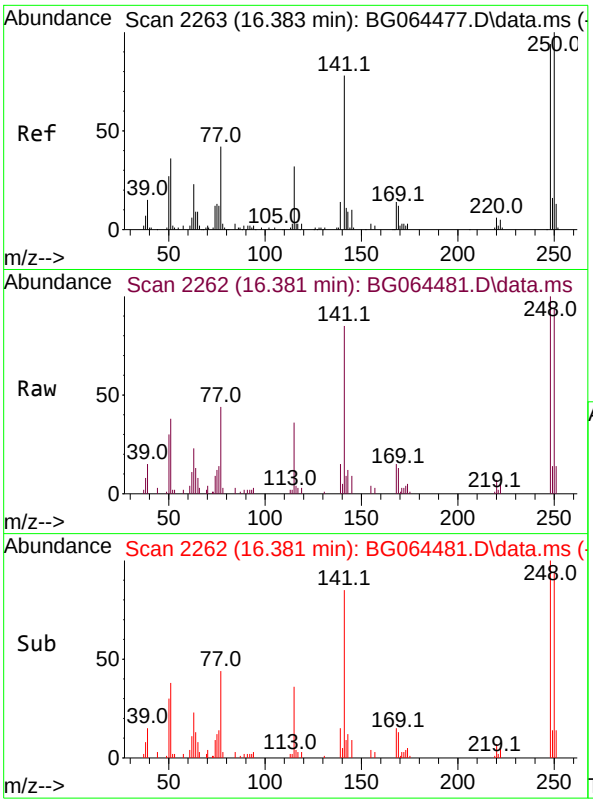


#66
n-Nitrosodiphenylamine
Concen: 9.712 ng
RT: 15.705 min Scan# 2147
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:169 Resp: 42881

Ion	Ratio	Lower	Upper
169	100		
168	66.9	57.8	86.6
167	38.5	31.7	47.5

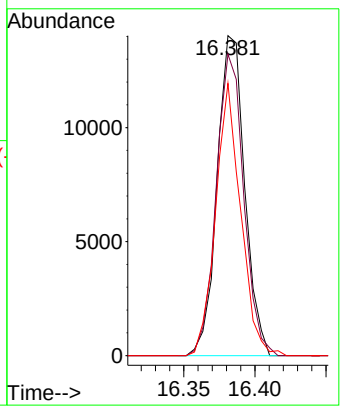




#67
4-Bromophenyl-phenylether
Concen: 9.731 ng
RT: 16.381 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:248 Resp: 1893

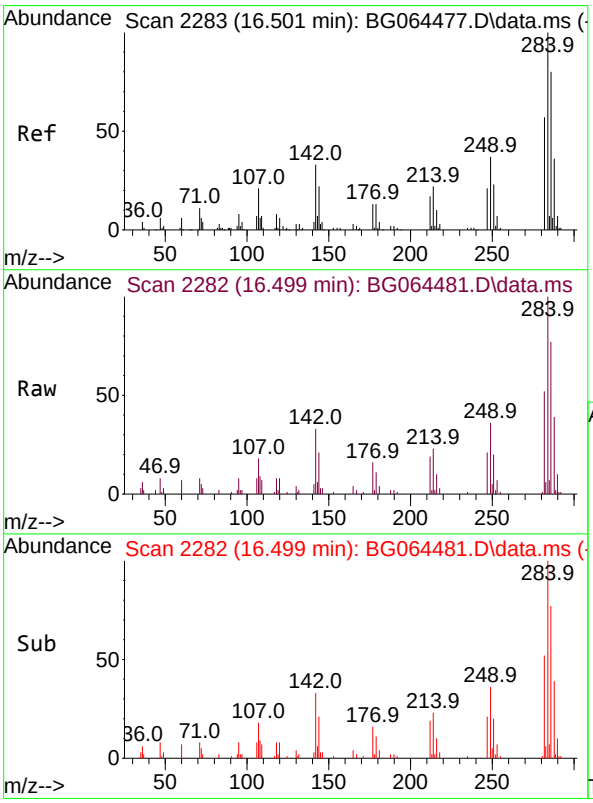
Ion	Ratio	Lower	Upper
248	100		
250	94.2	85.3	127.9
141	85.1	66.2	99.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

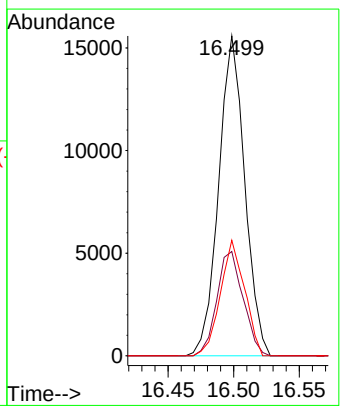
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

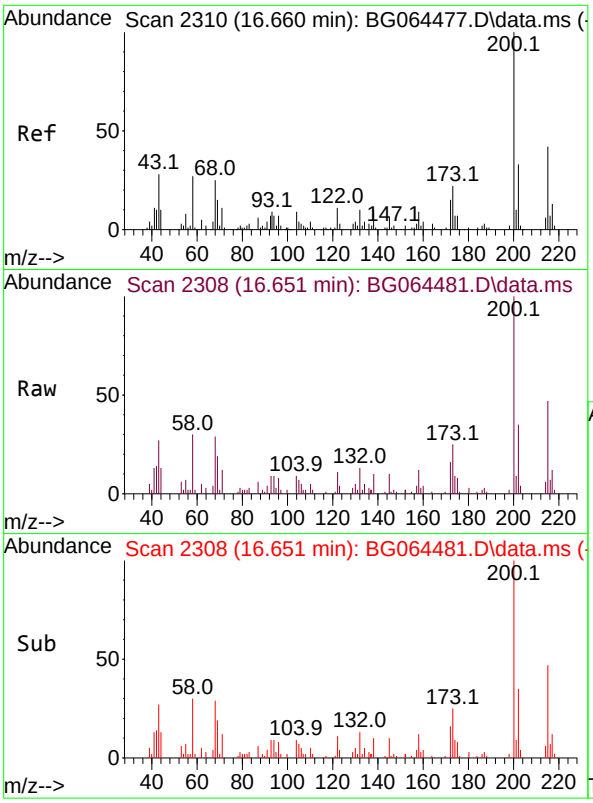


#68
Hexachlorobenzene
Concen: 9.676 ng
RT: 16.499 min Scan# 2282
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:284 Resp: 21542

Ion	Ratio	Lower	Upper
284	100		
142	32.6	26.2	39.2
249	36.1	29.4	44.0

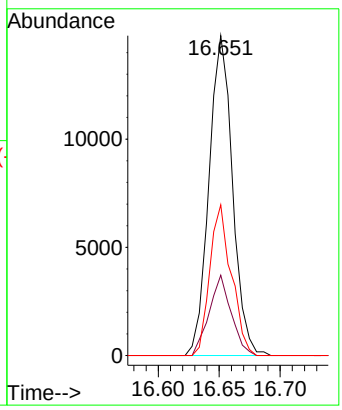




#69
Atrazine
Concen: 10.119 ng
RT: 16.651 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:200 Resp: 1987

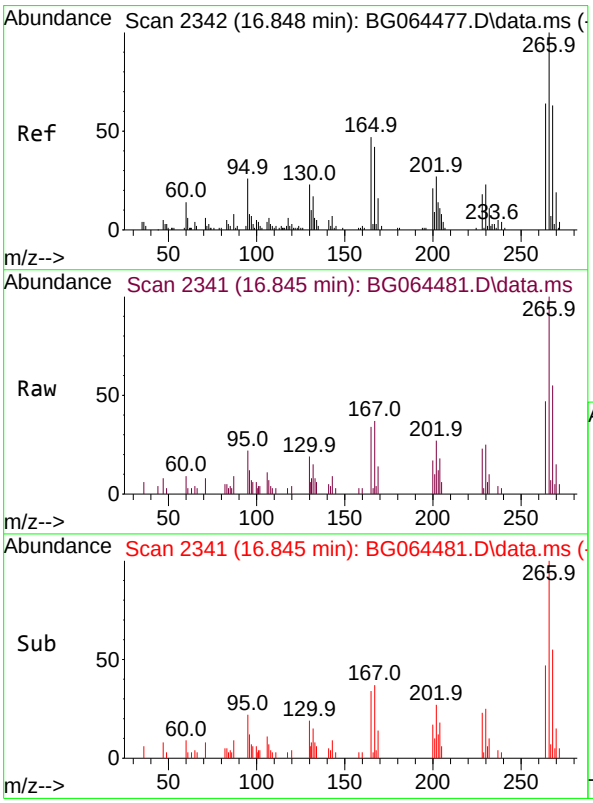
Ion	Ratio	Lower	Upper
200	100		
173	25.1	2.5	42.5
215	47.1	21.5	61.5



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

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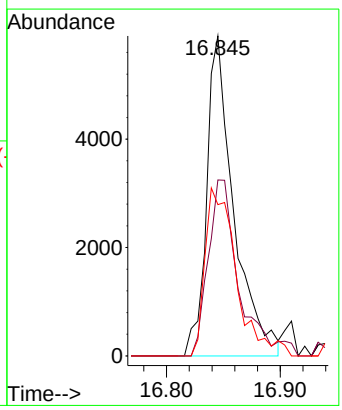
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

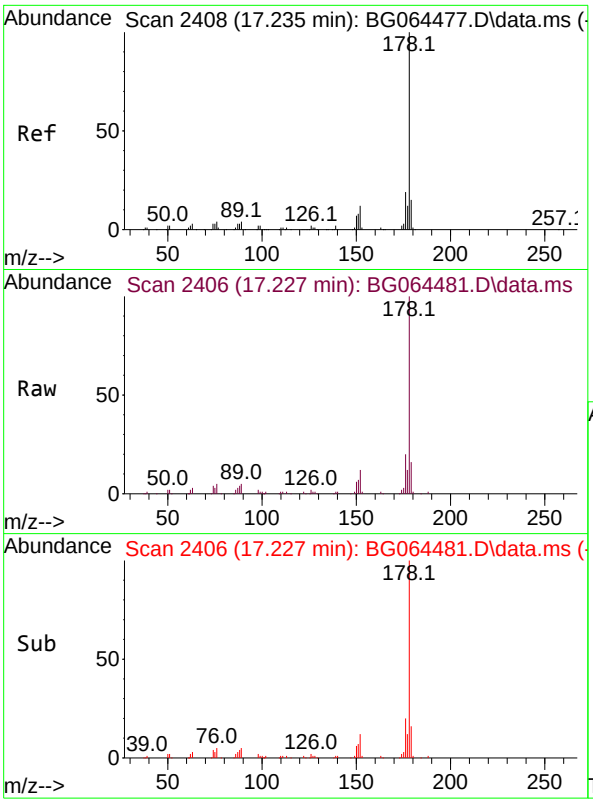


#70
Pentachlorophenol
Concen: 7.520 ng
RT: 16.845 min Scan# 2341
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:266 Resp: 9789

Ion	Ratio	Lower	Upper
266	100		
268	55.0	50.6	75.8
264	47.3	51.2	76.8#

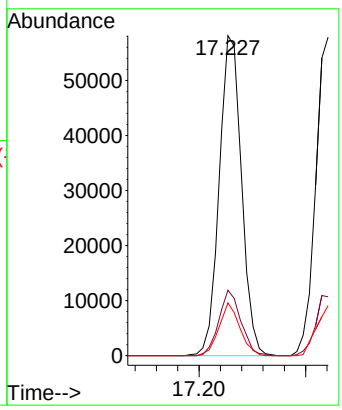




#71
Phenanthrene
Concen: 9.770 ng
RT: 17.227 min Scan# 24
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:178 Resp: 8447

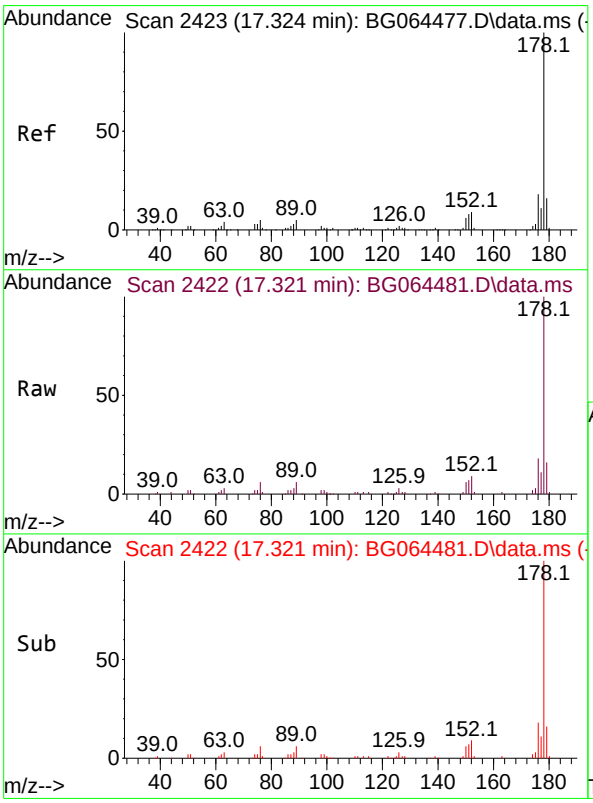
Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.2	22.8
179	16.5	11.8	17.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations
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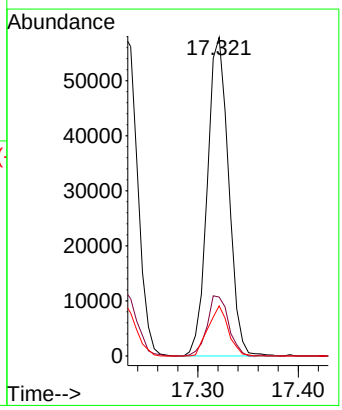
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

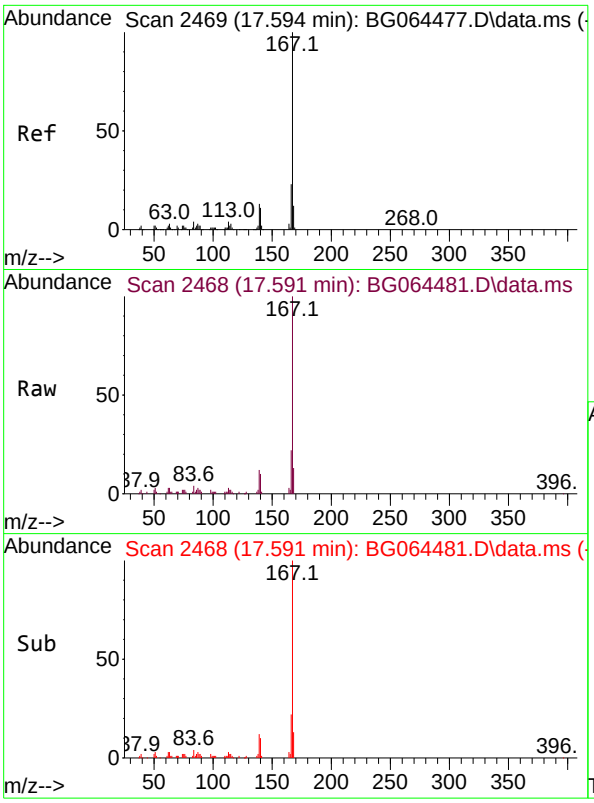


#72
Anthracene
Concen: 9.797 ng
RT: 17.321 min Scan# 2422
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:178 Resp: 84981

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	21.8
179	15.7	12.5	18.7

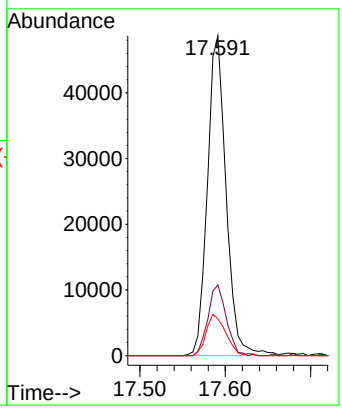




#73
Carbazole
Concen: 9.869 ng
RT: 17.591 min Scan# 24
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:167 Resp: 7399

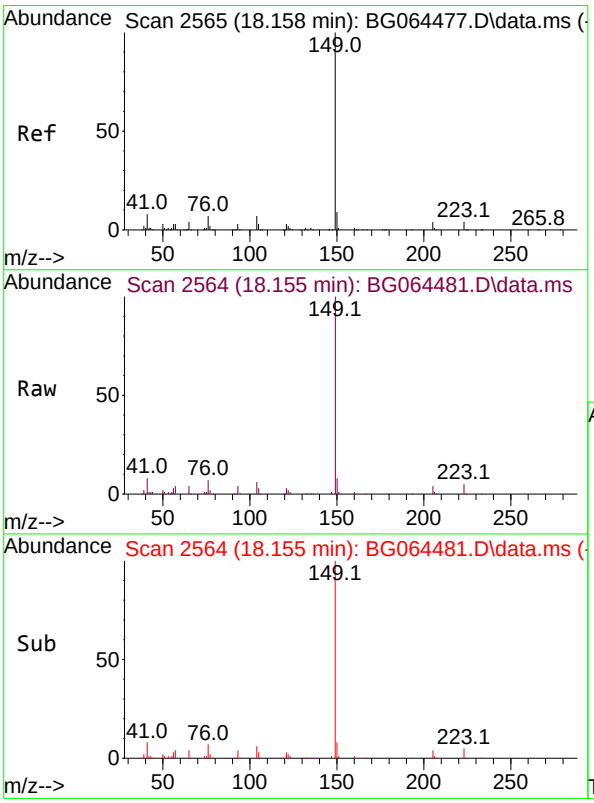
Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.6	27.8
139	11.5	10.2	15.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations
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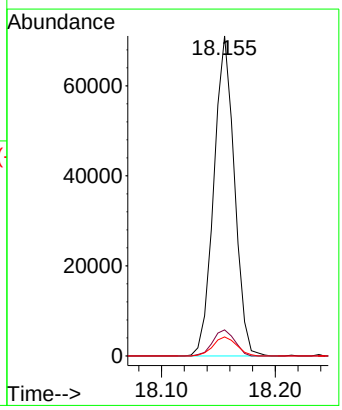
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

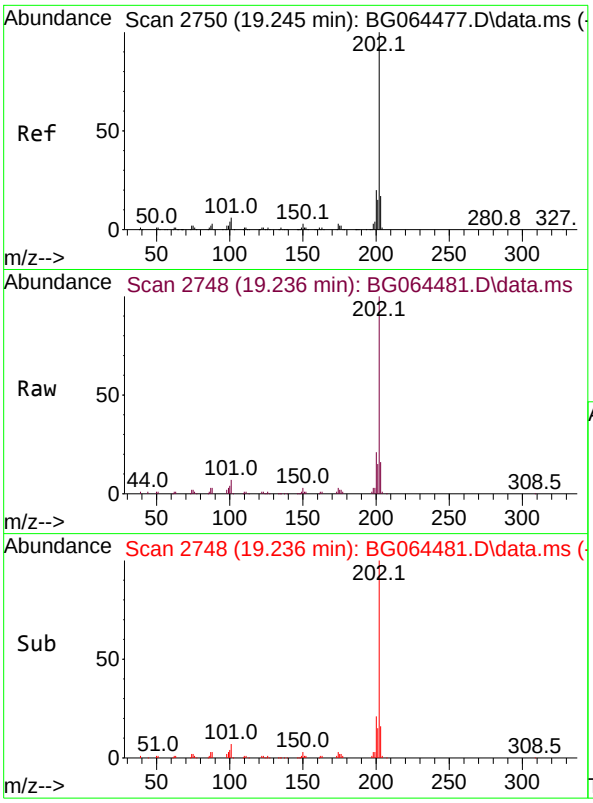


#74
Di-n-butylphthalate
Concen: 9.742 ng
RT: 18.155 min Scan# 2564
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:149 Resp: 89166

Ion	Ratio	Lower	Upper
149	100		
150	8.1	7.4	11.2
104	6.0	5.3	7.9





#75
Fluoranthene
Concen: 9.813 ng
RT: 19.236 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

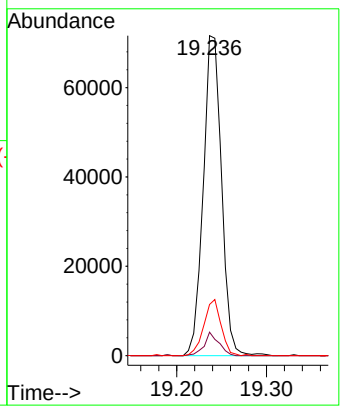
Tgt Ion:202 Resp: 10136

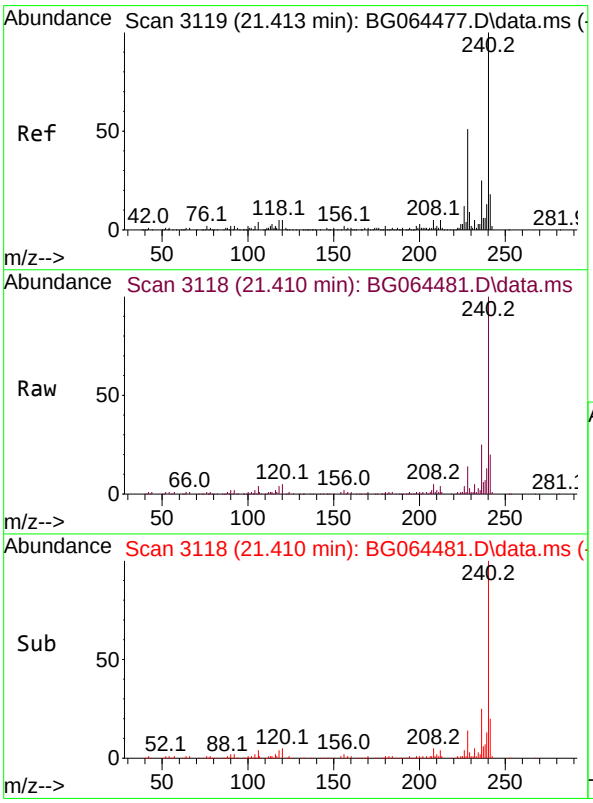
Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	25.7
203	16.0	0.0	36.6

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

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Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

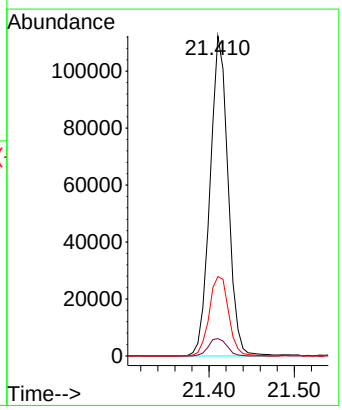


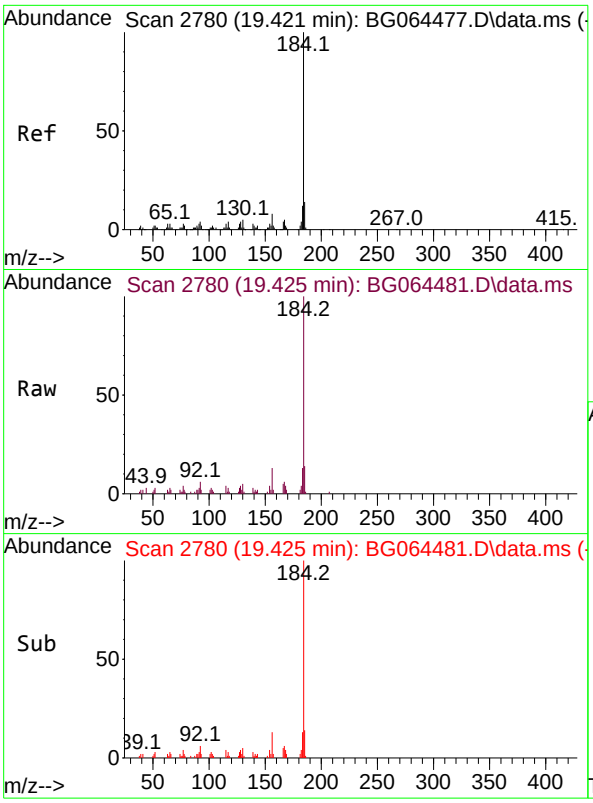


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.410 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:240 Resp: 164846

Ion	Ratio	Lower	Upper
240	100		
120	5.4	4.3	6.5
236	24.8	20.4	30.6

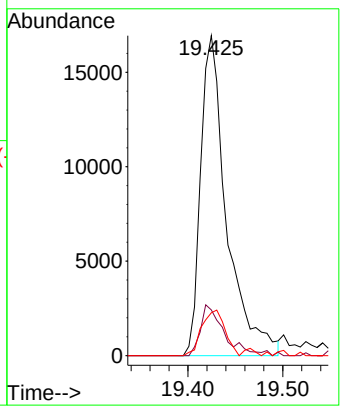




#77
Benzidine
Concen: 7.894 ng
RT: 19.425 min Scan# 2
Delta R.T. -0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:184 Resp: 3238

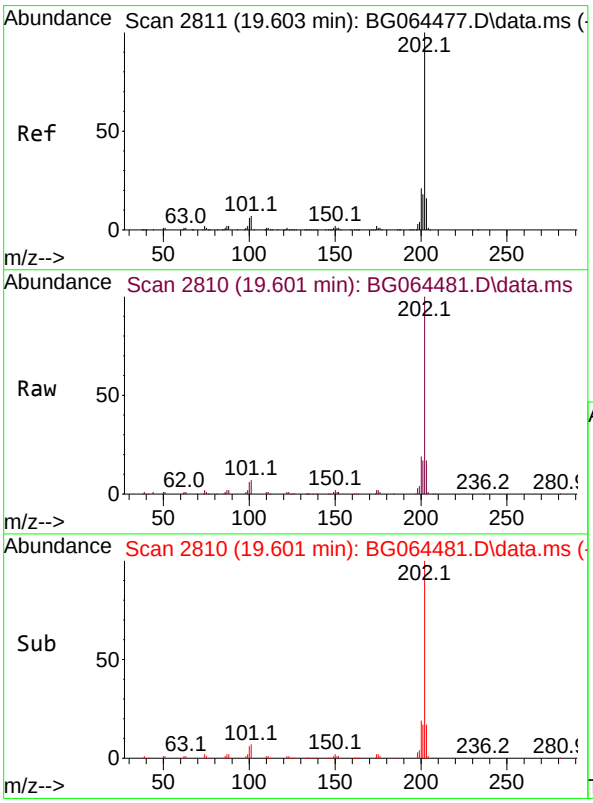
Ion	Ratio	Lower	Upper
184	100		
185	14.3	10.9	16.3
183	13.4	9.8	14.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

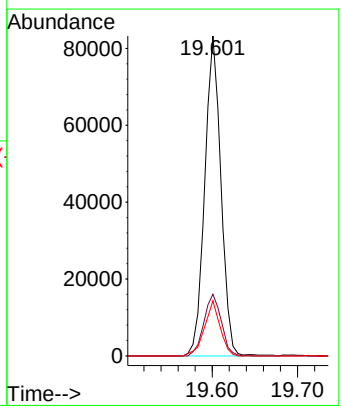
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

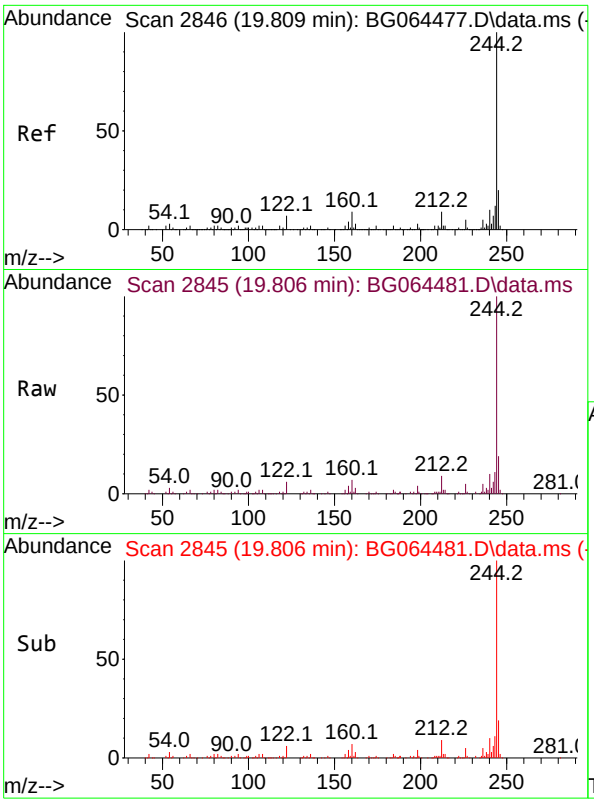


#78
Pyrene
Concen: 10.242 ng
RT: 19.601 min Scan# 2810
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:202 Resp: 109573

Ion	Ratio	Lower	Upper
202	100		
200	19.3	17.0	25.4
203	17.2	13.0	19.4

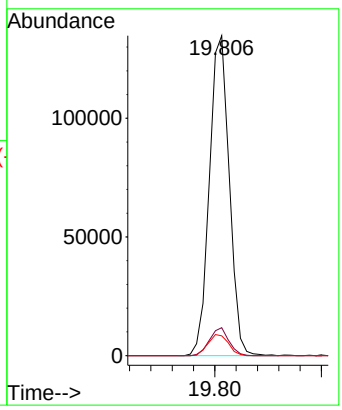




#79
Terphenyl-d14
Concen: 20.088 ng
RT: 19.806 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:244 Resp: 17497

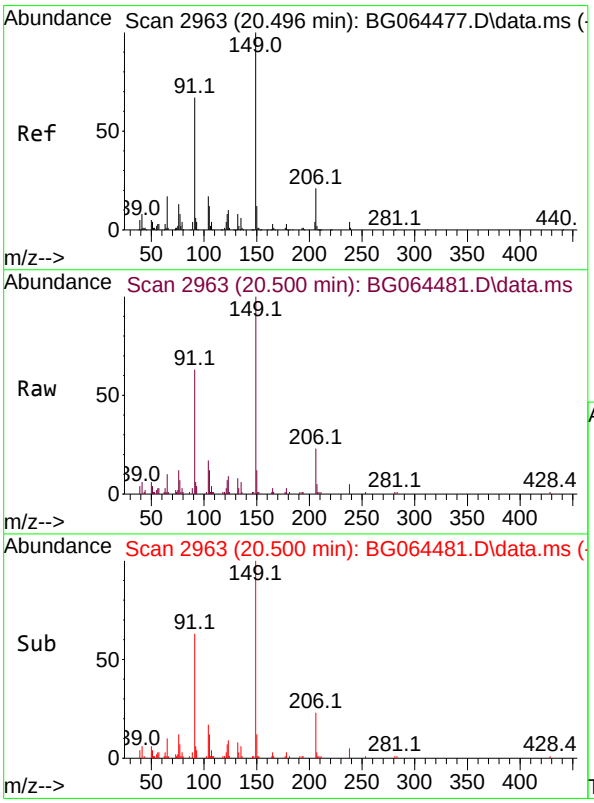
Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.6
122	6.2	5.6	8.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

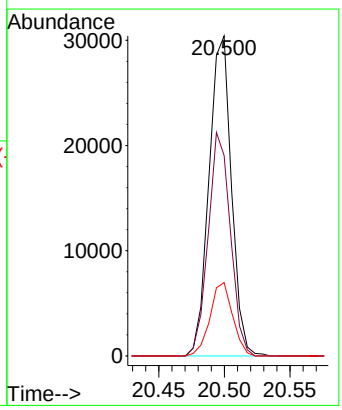
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

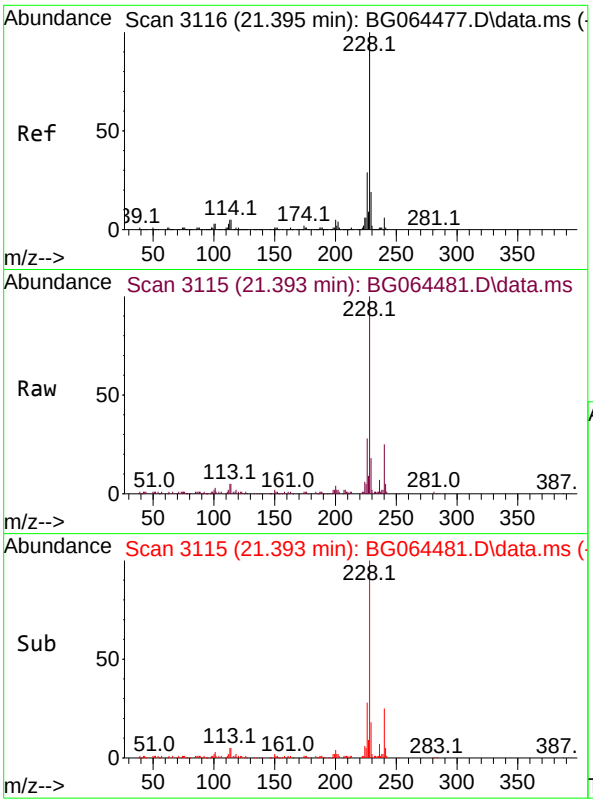


#80
Butylbenzylphthalate
Concen: 9.522 ng
RT: 20.500 min Scan# 2963
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:149 Resp: 36112

Ion	Ratio	Lower	Upper
149	100		
91	62.6	53.7	80.5
206	22.9	16.6	24.8

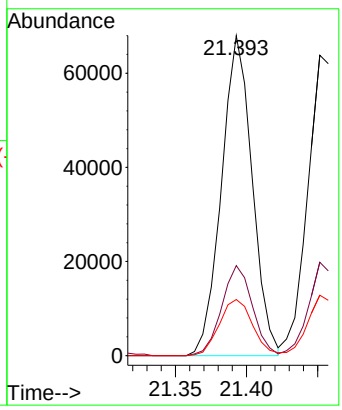




#81
Benzo(a)anthracene
Concen: 9.700 ng
RT: 21.393 min Scan# 31
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:228 Resp: 10209

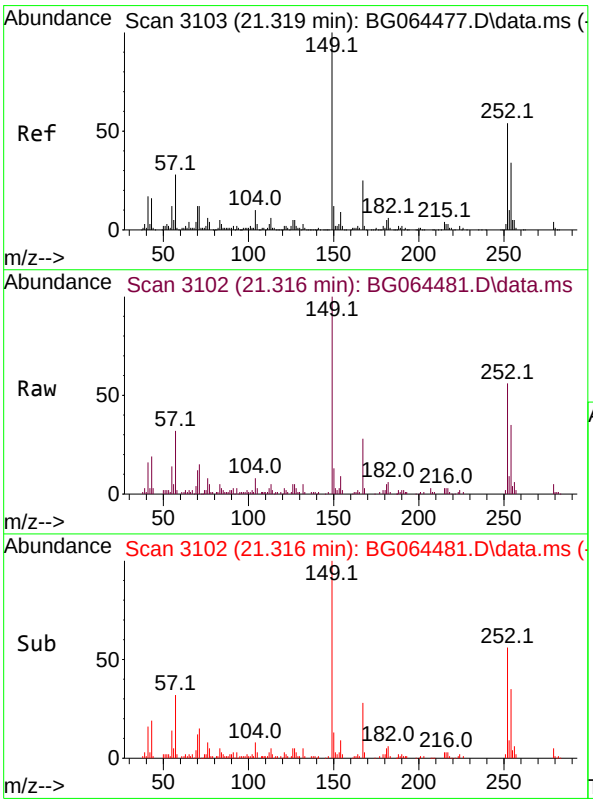
Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.8	34.2
229	17.5	15.2	22.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

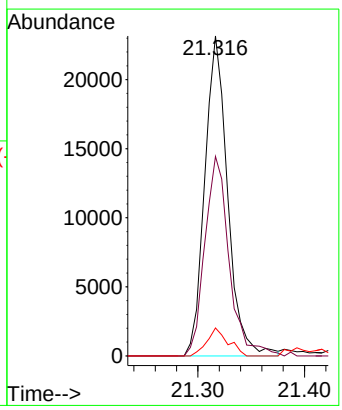
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

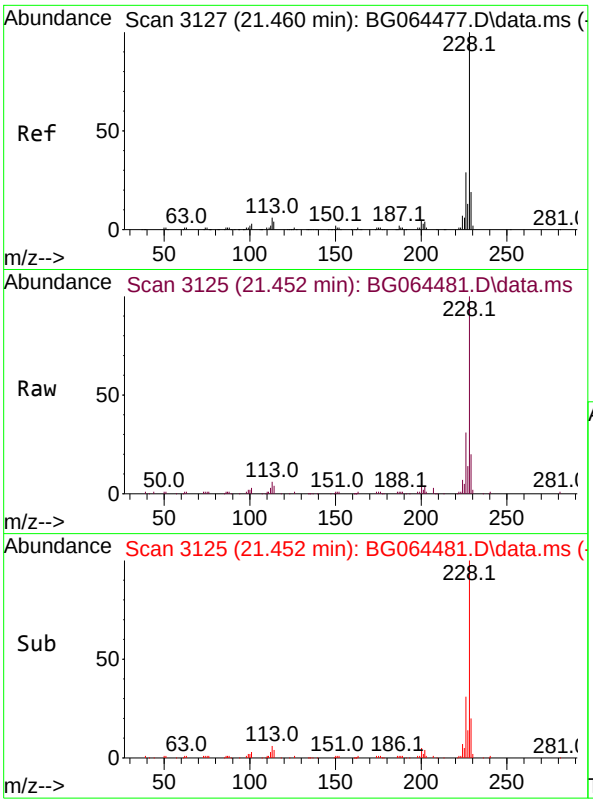


#82
3,3'-Dichlorobenzidine
Concen: 9.670 ng
RT: 21.316 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:252 Resp: 34449

Ion	Ratio	Lower	Upper
252	100		
254	62.3	50.5	75.7
126	8.7	7.1	10.7

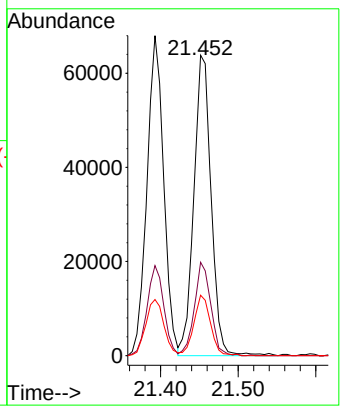




#83
Chrysene
Concen: 9.908 ng
RT: 21.452 min Scan# 31
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:228 Resp: 9889

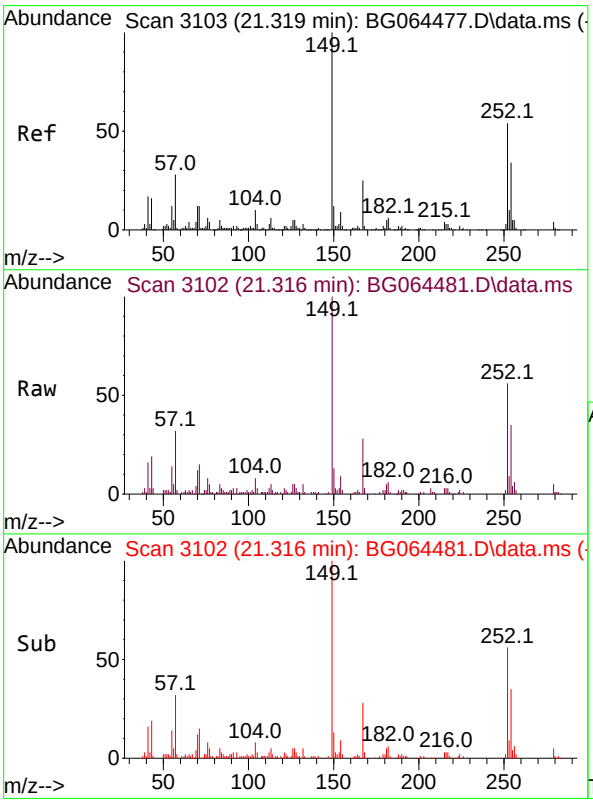
Ion	Ratio	Lower	Upper
228	100		
226	31.1	22.8	34.2
229	20.1	15.4	23.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations
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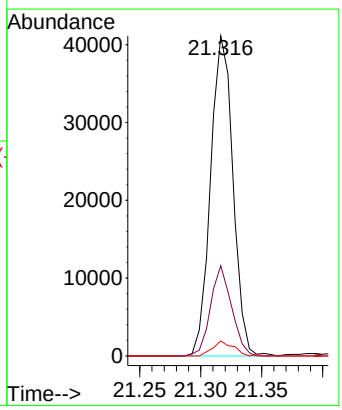
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

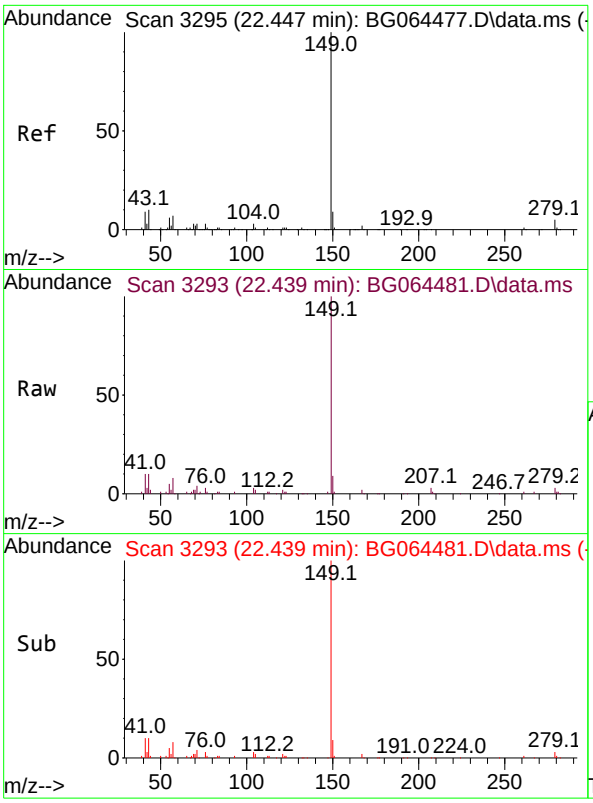


#84
Bis(2-ethylhexyl)phthalate
Concen: 9.814 ng
RT: 21.316 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:149 Resp: 52514

Ion	Ratio	Lower	Upper
149	100		
167	28.2	19.7	29.5
279	4.7	3.4	5.2

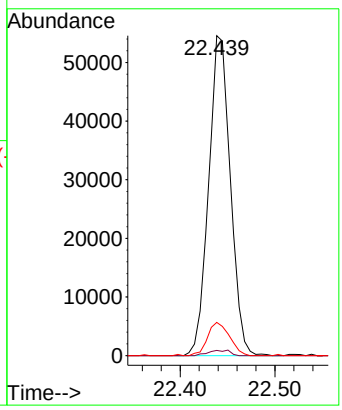




#85
Di-n-octyl phthalate
Concen: 9.673 ng
RT: 22.439 min Scan# 3
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:149 Resp: 8698

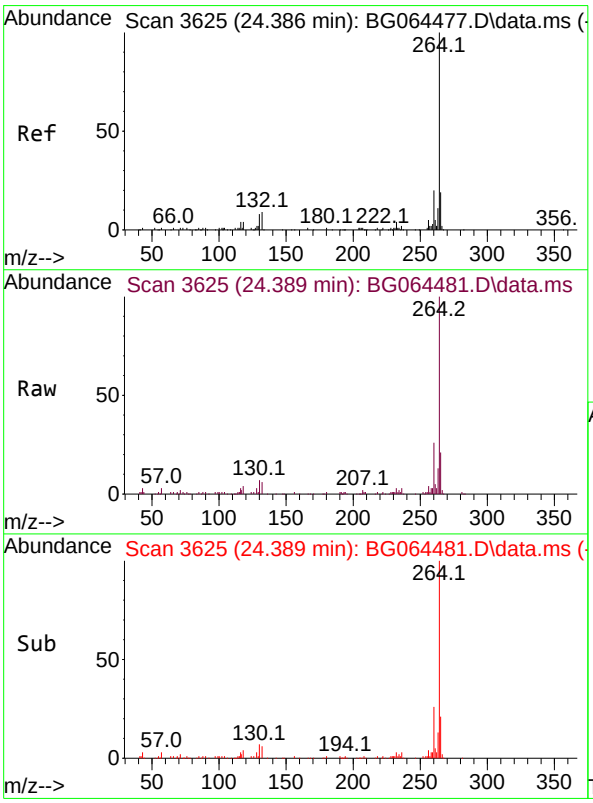
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.5	7.9	11.9



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

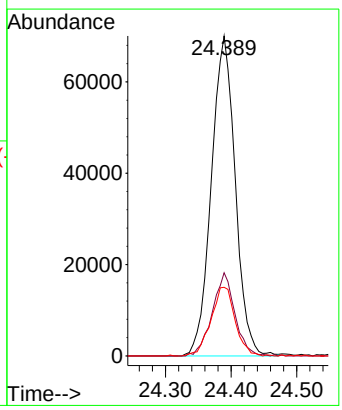
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

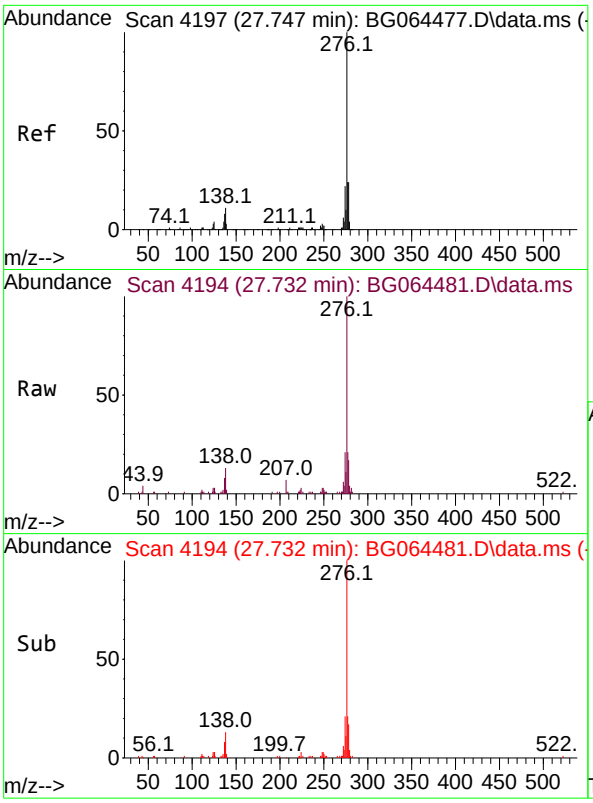


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.389 min Scan# 3625
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:264 Resp: 177771

Ion	Ratio	Lower	Upper
264	100		
260	26.0	16.2	24.4#
265	21.5	15.0	22.4

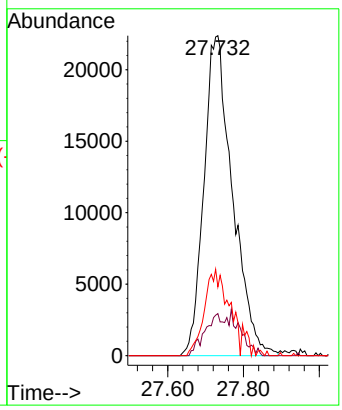




#87
Indeno(1,2,3-cd)pyrene
Concen: 9.480 ng
RT: 27.732 min Scan# 41
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:276 Resp: 11730

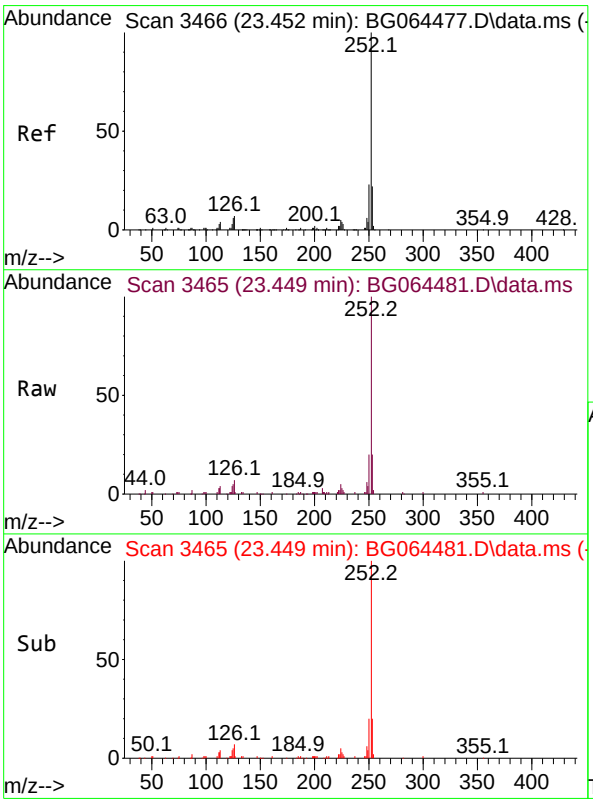
Ion	Ratio	Lower	Upper
276	100		
138	8.5	10.8	16.2#
277	9.6	20.3	30.5#



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

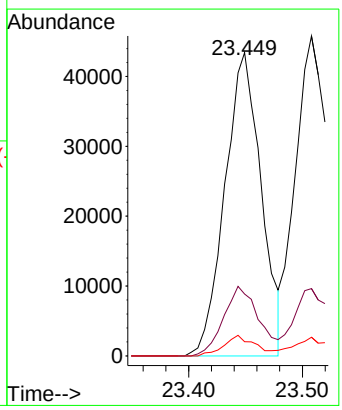
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

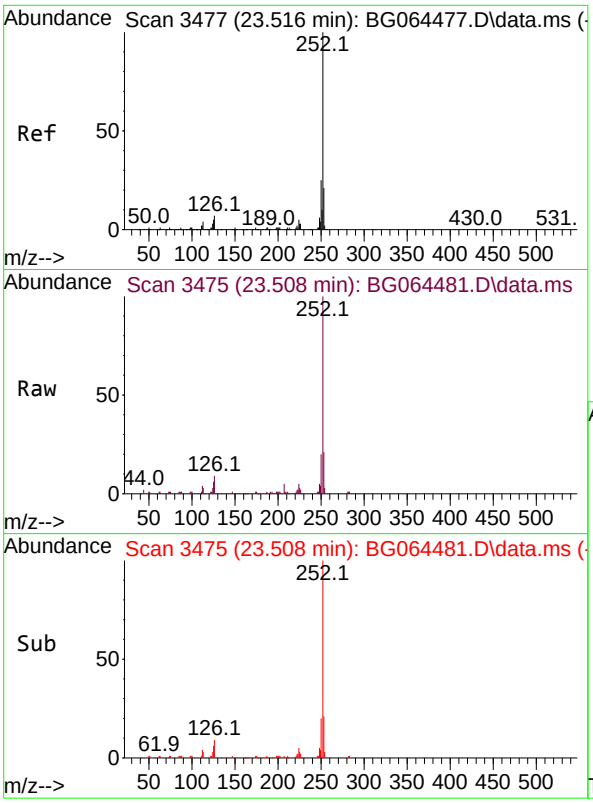


#88
Benzo(b)fluoranthene
Concen: 9.525 ng
RT: 23.449 min Scan# 3465
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:252 Resp: 96327

Ion	Ratio	Lower	Upper
252	100		
253	20.4	17.5	26.3
125	4.7	4.5	6.7

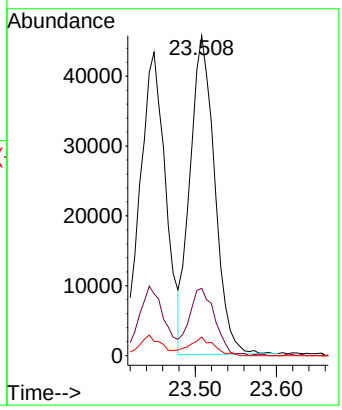




#89
Benzo(k)fluoranthene
Concen: 9.442 ng
RT: 23.508 min Scan# 34
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:252 Resp: 9617

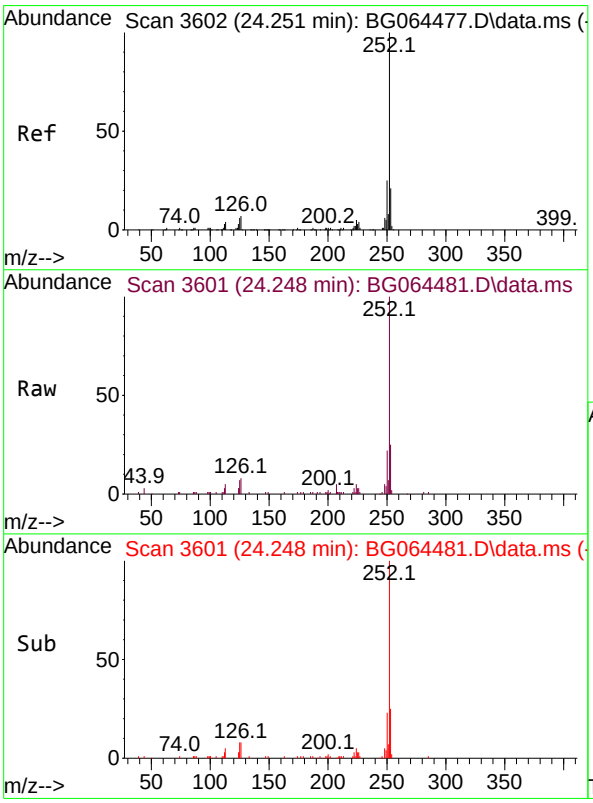
Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.4	26.2
125	5.8	4.0	6.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

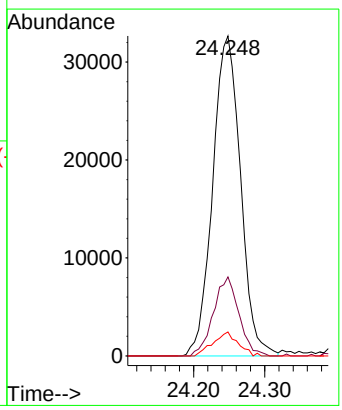
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

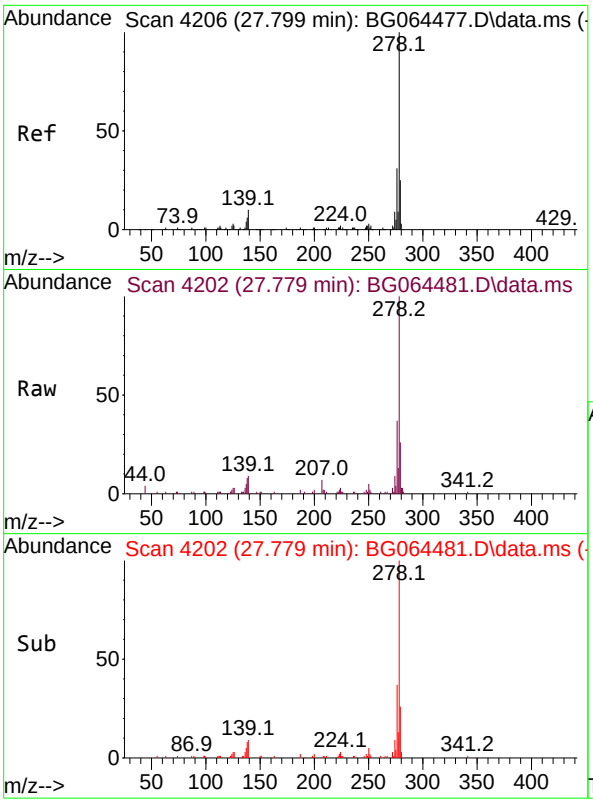


#90
Benzo(a)pyrene
Concen: 9.529 ng
RT: 24.248 min Scan# 3601
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:252 Resp: 88822

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.1	25.7
125	7.5	4.6	6.8#





#91
Dibenzo(a,h)anthracene
Concen: 9.457 ng
RT: 27.779 min Scan# 4
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

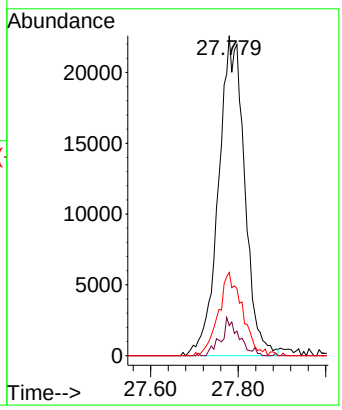
Tgt Ion:278 Resp: 9358

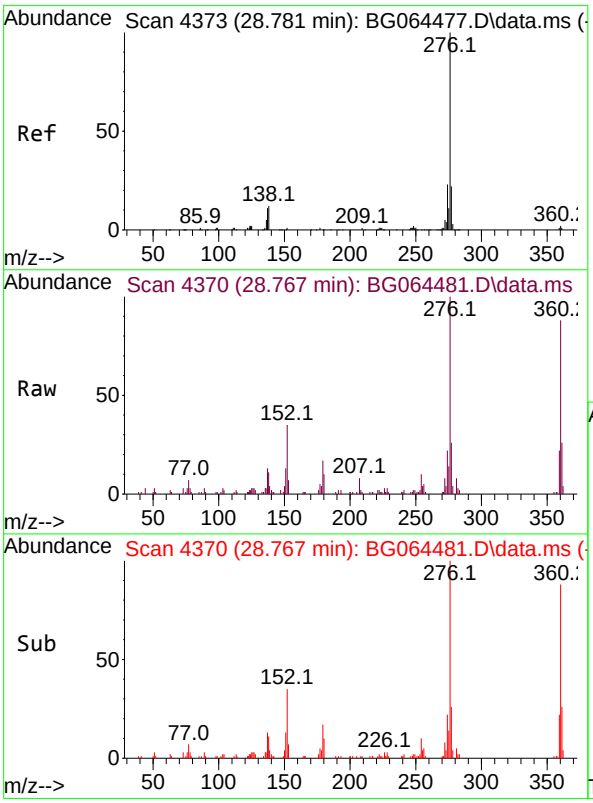
Ion	Ratio	Lower	Upper
278	100		
139	9.4	8.2	12.2
279	26.0	19.6	29.4

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

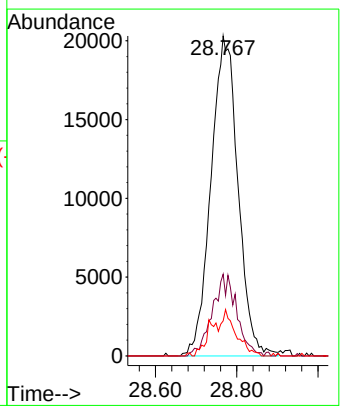




#92
Benzo(g,h,i)perylene
Concen: 9.735 ng
RT: 28.767 min Scan# 4370
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:276 Resp: 93612

Ion	Ratio	Lower	Upper
276	100		
277	25.5	17.8	26.6
138	15.1	9.4	14.0#



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
Data File : BG064482.D
Acq On : 2 Oct 2025 18:09
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Oct 02 18:56:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.826	152	15318	20.000	ng		0.00
21) Naphthalene-d8	10.611	136	68102	20.000	ng		0.00
39) Acenaphthene-d10	14.448	164	53704	20.000	ng		0.00
64) Phenanthrene-d10	17.186	188	136982	20.000	ng		0.00
76) Chrysene-d12	21.416	240	140392	20.000	ng		0.00
86) Perylene-d12	24.389	264	148372	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.411	112	62374	75.359	ng		0.00
7) Phenol-d6	6.998	99	86196	77.494	ng		0.01
23) Nitrobenzene-d5	8.978	82	92457	72.999	ng		0.01
42) 2,4,6-Tribromophenol	15.940	330	74669	76.705	ng		0.00
45) 2-Fluorobiphenyl	13.073	172	271576	74.539	ng		0.00
79) Terphenyl-d14	19.806	244	564322	76.071	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.326	88	12001	36.657	ng		96
3) Pyridine	3.713	79	31163	35.418	ng		97
4) n-Nitrosodimethylamine	3.631	42	24896	39.031	ng		91
6) Aniline	7.151	93	57677	41.109	ng		98
8) 2-Chlorophenol	7.391	128	37701	37.094	ng		96
9) Benzaldehyde	6.963	77	31860	32.268	ng		96
10) Phenol	7.021	94	45072	38.413	ng		99
11) bis(2-Chloroethyl)ether	7.250	93	29672	37.341	ng		99
12) 1,3-Dichlorobenzene	7.715	146	41698	37.504	ng		94
13) 1,4-Dichlorobenzene	7.856	146	44492	39.872	ng		97
14) 1,2-Dichlorobenzene	8.173	146	42303	38.466	ng		96
15) Benzyl Alcohol	8.061	79	41748	40.756	ng		88
16) 2,2'-oxybis(1-Chloropr...	8.349	45	48934	38.204	ng		93
17) 2-Methylphenol	8.267	107	32757	38.553	ng		96
18) Hexachloroethane	8.901	117	16683	37.877	ng		92
19) n-Nitroso-di-n-propyla...	8.625	70	30487	40.984	ng	#	92
20) 3+4-Methylphenols	8.596	107	46114	38.893	ng		92
22) Acetophenone	8.637	105	65802	39.906	ng	#	98
24) Nitrobenzene	9.019	77	46946	37.170	ng		95
25) Isophorone	9.542	82	89937	39.198	ng	#	97
26) 2-Nitrophenol	9.724	139	22245	35.388	ng	#	84
27) 2,4-Dimethylphenol	9.789	122	40285	41.959	ng		97
28) bis(2-Chloroethoxy)met...	10.024	93	45075	38.540	ng		98
29) 2,4-Dichlorophenol	10.259	162	43141	38.857	ng		86
30) 1,2,4-Trichlorobenzene	10.476	180	46901	38.743	ng		97
31) Naphthalene	10.658	128	134984	38.491	ng		97
32) Benzoic acid	9.941	122	29650m	40.223	ng		
33) 4-Chloroaniline	10.770	127	57575	42.784	ng		91
34) Hexachlorobutadiene	10.952	225	37931	36.587	ng		93
35) Caprolactam	11.534	113	14752	38.812	ng		94
36) 4-Chloro-3-methylphenol	11.898	107	51832	38.389	ng		96
37) 2-Methylnaphthalene	12.268	142	94732	35.191	ng		97
38) 1-Methylnaphthalene	12.491	142	99137	36.933	ng		100
40) 1,2,4,5-Tetrachloroben...	12.644	216	66779	38.511	ng		98
41) Hexachlorocyclopentadiene	12.621	237	45790	50.483	ng		91
43) 2,4,6-Trichlorophenol	12.879	196	43264	39.030	ng		97

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
Data File : BG064482.D
Acq On : 2 Oct 2025 18:09
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Oct 02 18:56:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.955	196	46812	37.827	ng		90
46) 1,1'-Biphenyl	13.285	154	149616	38.735	ng		98
47) 2-Chloronaphthalene	13.326	162	108769	37.716	ng		95
48) 2-Nitroaniline	13.531	65	38535	39.151	ng		98
49) Acenaphthylene	14.172	152	187686	43.842	ng		97
50) Dimethylphthalate	13.907	163	159424	37.903	ng		97
51) 2,6-Dinitrotoluene	14.025	165	33945	38.742	ng		92
52) Acenaphthene	14.512	154	109054	36.666	ng		98
53) 3-Nitroaniline	14.354	138	32910	40.727	ng		97
54) 2,4-Dinitrophenol	14.559	184	21309	33.540	ng	#	81
55) Dibenzofuran	14.847	168	187307	38.141	ng		97
56) 4-Nitrophenol	14.671	139	25265	39.712	ng		87
57) 2,4-Dinitrotoluene	14.812	165	52757	39.388	ng		98
58) Fluorene	15.500	166	161086	39.456	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.077	232	50545	40.021	ng		100
60) Diethylphthalate	15.276	149	172891	38.317	ng		97
61) 4-Chlorophenyl-phenyle...	15.494	204	81203	36.432	ng		98
62) 4-Nitroaniline	15.517	138	34897	41.435	ng		92
63) Azobenzene	15.787	77	134722	38.553	ng		98
65) 4,6-Dinitro-2-methylph...	15.582	198	36085	37.834	ng		92
66) n-Nitrosodiphenylamine	15.705	169	137047	37.465	ng		93
67) 4-Bromophenyl-phenylether	16.387	248	59351	36.819	ng		95
68) Hexachlorobenzene	16.504	284	67918	36.821	ng		96
69) Atrazine	16.657	200	68476	42.076	ng		98
70) Pentachlorophenol	16.845	266	38853	36.025	ng		91
71) Phenanthrene	17.233	178	265823	37.108	ng		96
72) Anthracene	17.321	178	274231	38.159	ng		99
73) Carbazole	17.591	167	246445	39.673	ng		99
74) Di-n-butylphthalate	18.155	149	294614	38.852	ng		99
75) Fluoranthene	19.242	202	331530	38.739	ng		100
77) Benzidine	19.424	184	152917	43.772	ng		98
78) Pyrene	19.601	202	335798	36.856	ng		99
80) Butylbenzylphthalate	20.500	149	121325	37.565	ng		98
81) Benzo(a)anthracene	21.393	228	339443	37.867	ng		98
82) 3,3'-Dichlorobenzidine	21.316	252	128504	42.355	ng		97
83) Chrysene	21.457	228	309731	36.434	ng		97
84) Bis(2-ethylhexyl)phtha...	21.316	149	168982	37.082	ng		99
85) Di-n-octyl phthalate	22.444	149	281232	36.720	ng		100
87) Indeno(1,2,3-cd)pyrene	27.738	276	390549	37.816	ng		99
88) Benzo(b)fluoranthene	23.449	252	315880	37.423	ng		99
89) Benzo(k)fluoranthene	23.514	252	337015	39.643	ng		99
90) Benzo(a)pyrene	24.254	252	307034	39.468	ng		98
91) Dibenzo(a,h)anthracene	27.791	278	318677	38.585	ng		96
92) Benzo(g,h,i)perylene	28.784	276	317018	39.498	ng		97

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

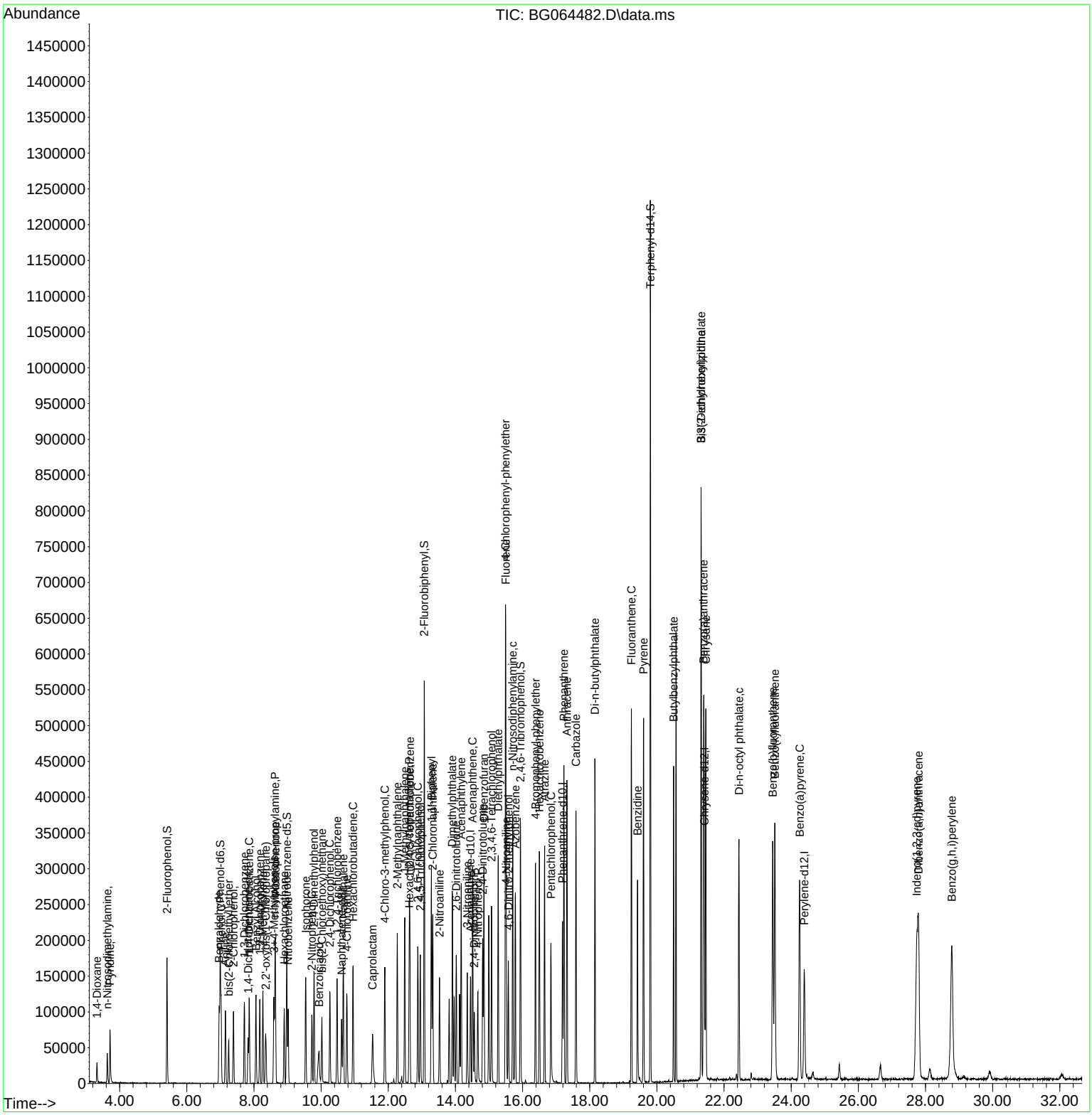
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
Data File : BG064482.D
Acq On : 2 Oct 2025 18:09
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

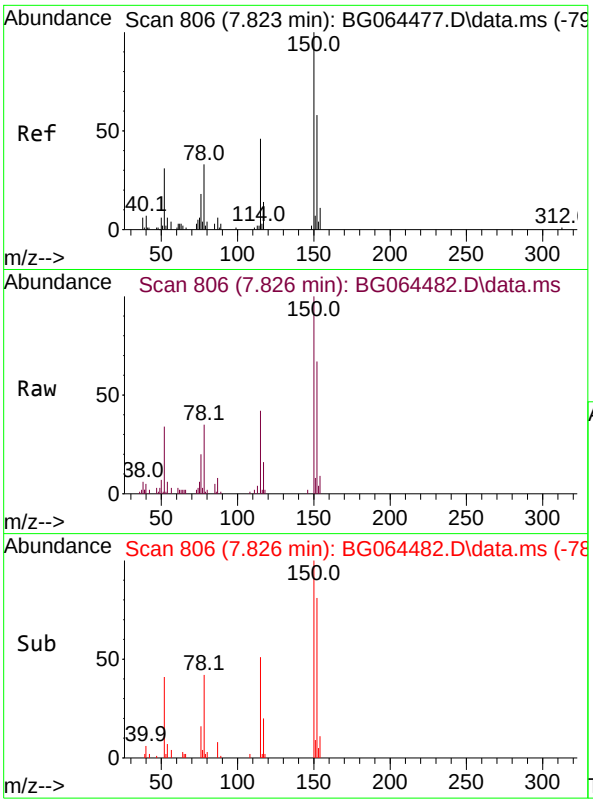
Quant Time: Oct 02 18:56:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

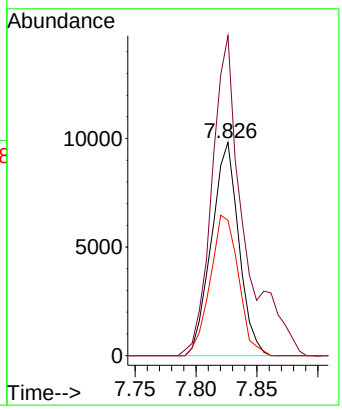




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.826 min Scan# 80
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:152 Resp: 15318

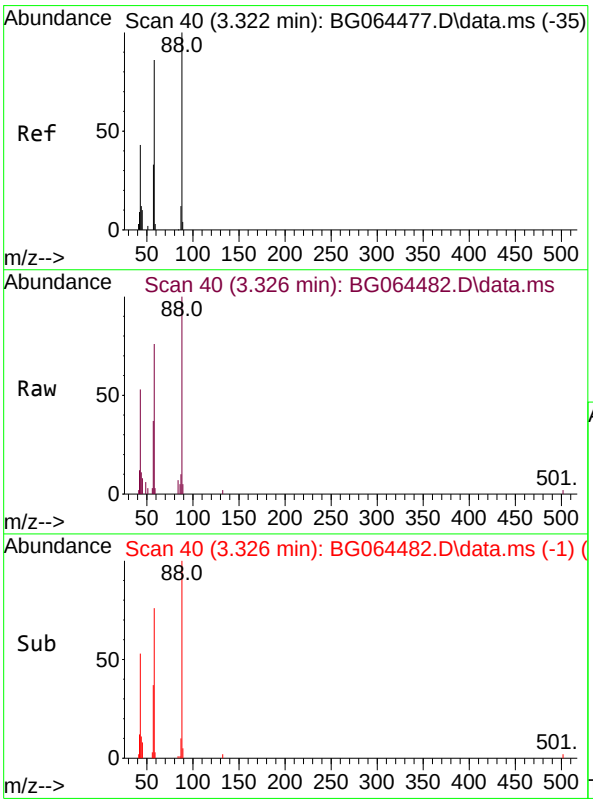
Ion	Ratio	Lower	Upper
152	100		
150	150.1	138.6	207.8
115	63.5	63.4	95.2



Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Manual Integrations APPROVED

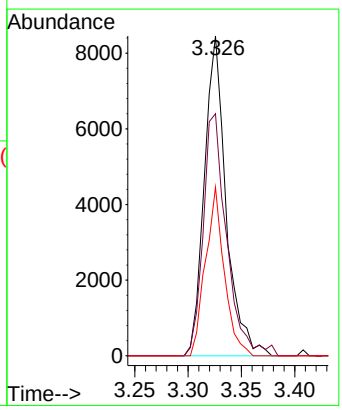
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

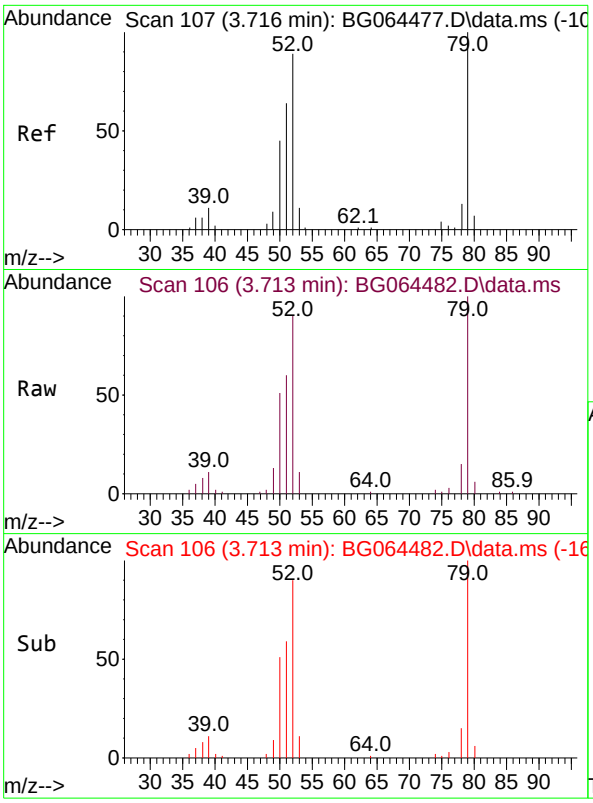


#2
1,4-Dioxane
Concen: 36.657 ng
RT: 3.326 min Scan# 40
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion: 88 Resp: 12001

Ion	Ratio	Lower	Upper
88	100		
58	81.6	69.8	104.6
43	45.8	37.4	56.0

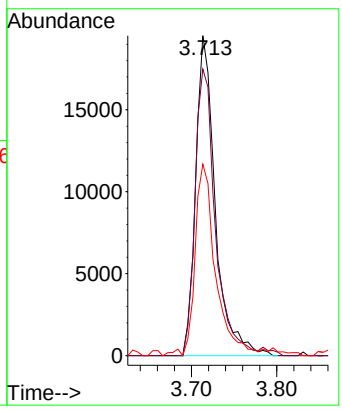




#3
Pyridine
Concen: 35.418 ng
RT: 3.713 min Scan# 10
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion: 79 Resp: 3116

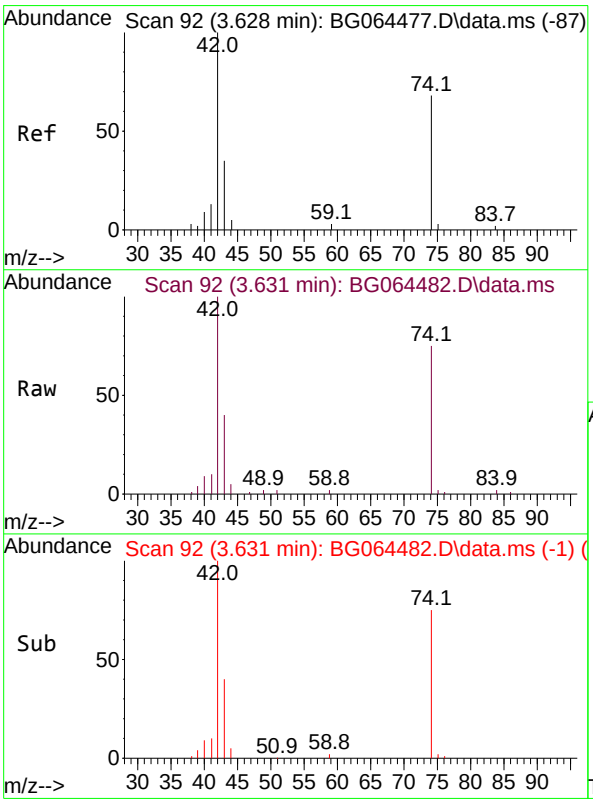
Ion	Ratio	Lower	Upper
79	100		
52	89.5	71.0	106.4
51	59.8	51.0	76.6



Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Manual Integrations APPROVED

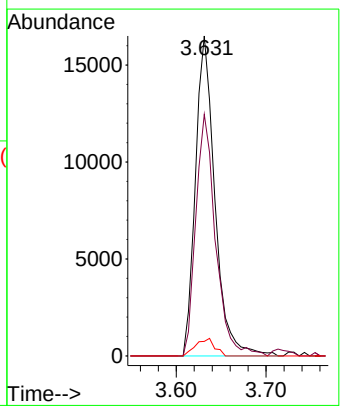
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

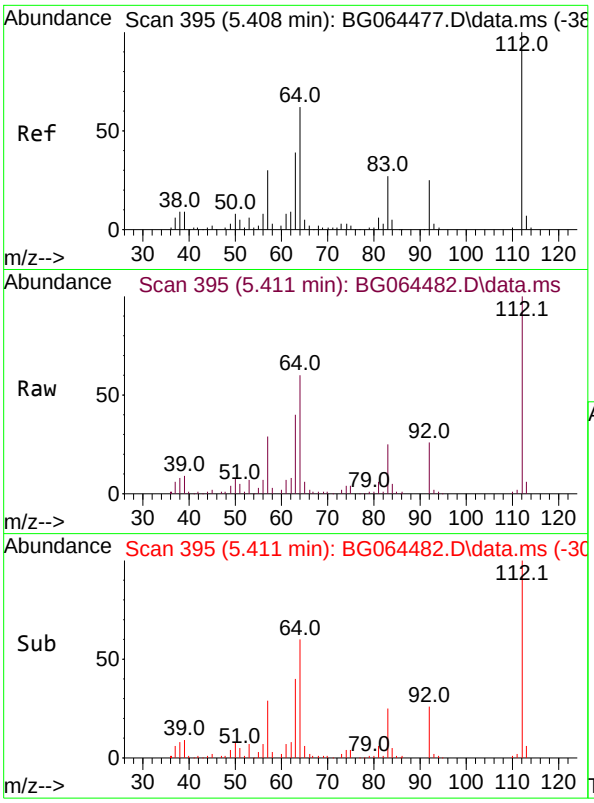


#4
n-Nitrosodimethylamine
Concen: 39.031 ng
RT: 3.631 min Scan# 92
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion: 42 Resp: 24896

Ion	Ratio	Lower	Upper
42	100		
74	75.5	54.2	81.4
44	4.5	4.2	6.2

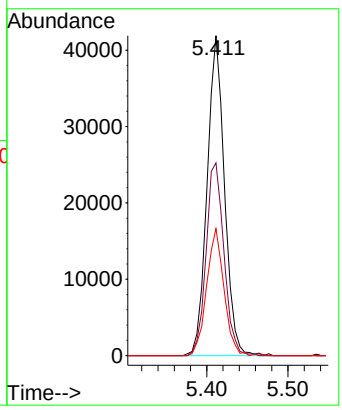




#5
2-Fluorophenol
Concen: 75.359 ng
RT: 5.411 min Scan# 39
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:112 Resp: 62374

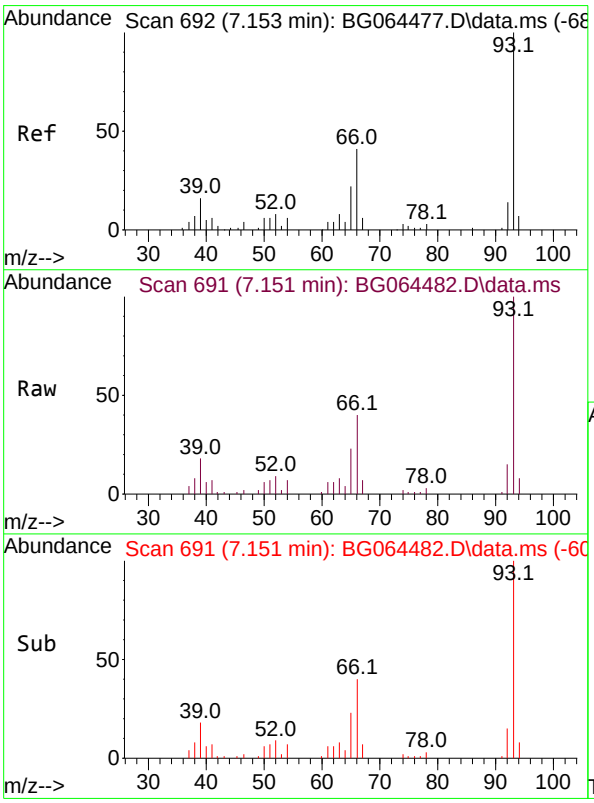
Ion	Ratio	Lower	Upper
112	100		
64	60.2	49.8	74.8
63	39.7	31.3	46.9



Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Manual Integrations APPROVED

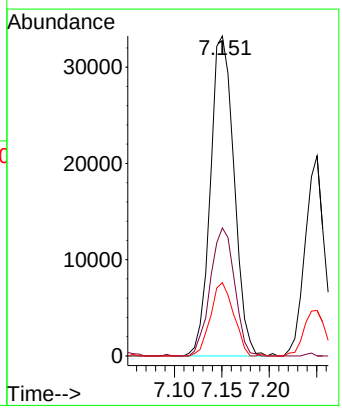
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

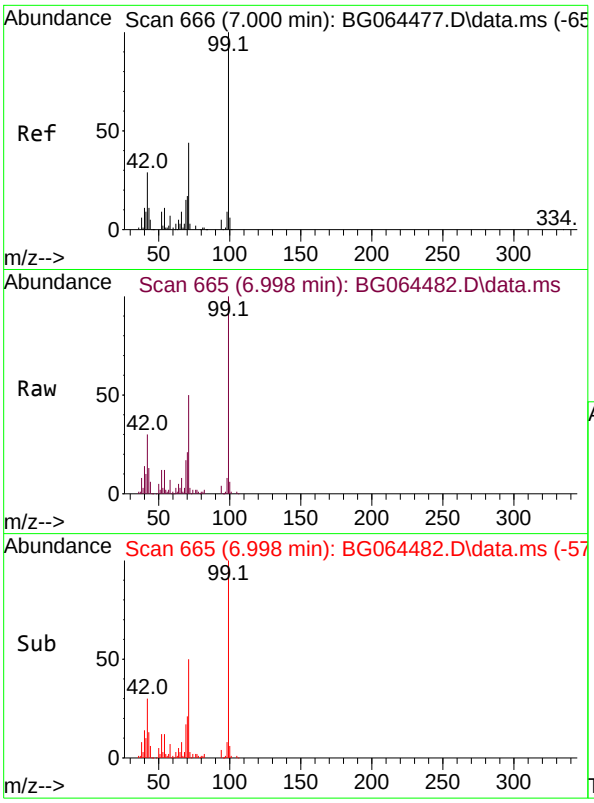


#6
Aniline
Concen: 41.109 ng
RT: 7.151 min Scan# 691
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion: 93 Resp: 57677

Ion	Ratio	Lower	Upper
93	100		
66	40.0	33.0	49.4
65	22.9	17.5	26.3

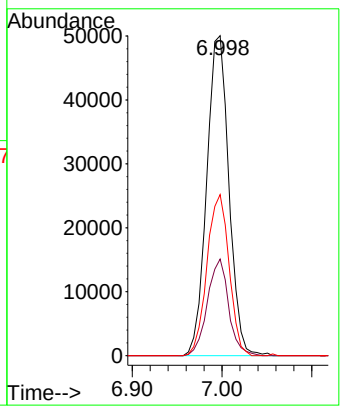




#7
Phenol-d6
Concen: 77.494 ng
RT: 6.998 min Scan# 6
Delta R.T. 0.012 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion: 99 Resp: 8619

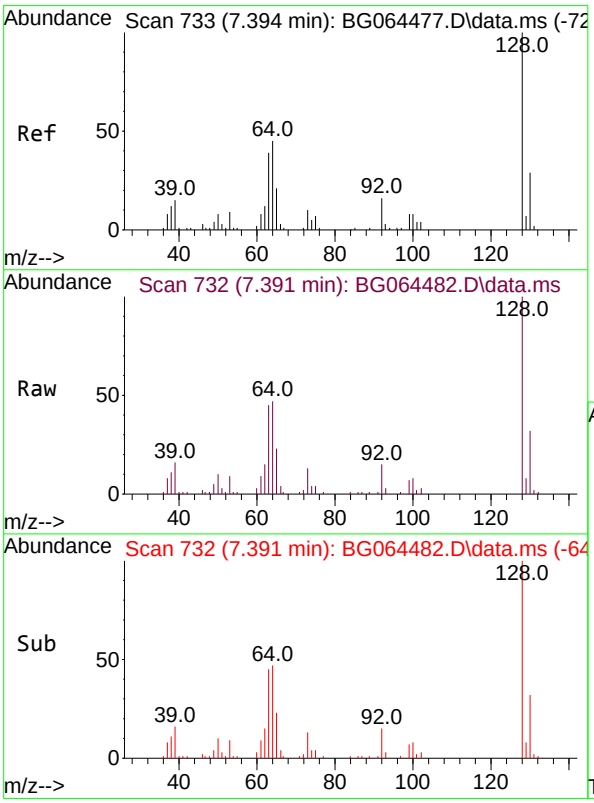
Ion	Ratio	Lower	Upper
99	100		
42	30.2	22.9	34.3
71	50.3	35.4	53.2



Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Manual Integrations APPROVED

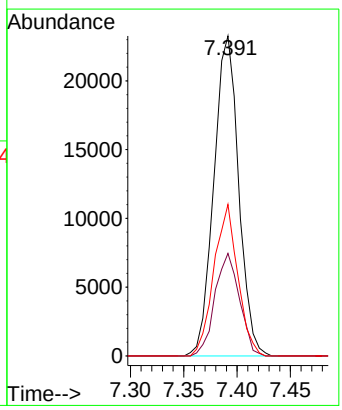
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

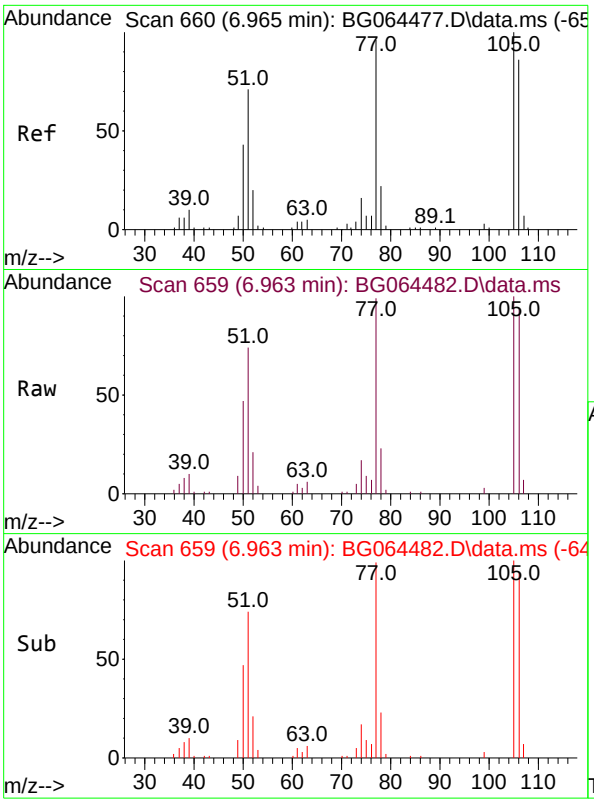


#8
2-Chlorophenol
Concen: 37.094 ng
RT: 7.391 min Scan# 732
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:128 Resp: 37701

Ion	Ratio	Lower	Upper
128	100		
130	32.0	9.2	49.2
64	47.3	25.5	65.5

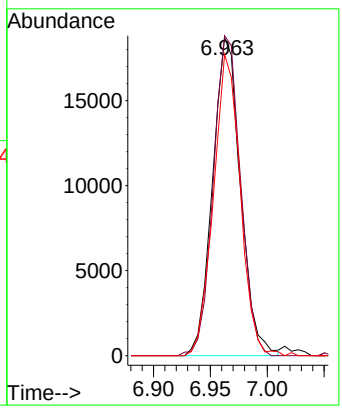




#9
Benzaldehyde
Concen: 32.268 ng
RT: 6.963 min Scan# 6
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion: 77 Resp: 3186

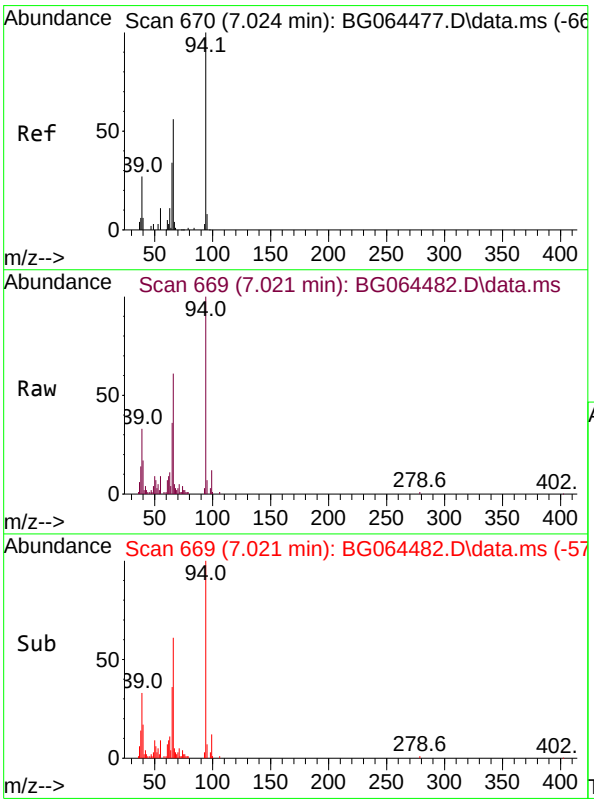
Ion	Ratio	Lower	Upper
77	100		
105	100.6	83.7	123.7
106	94.7	69.4	109.4



Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Manual Integrations APPROVED

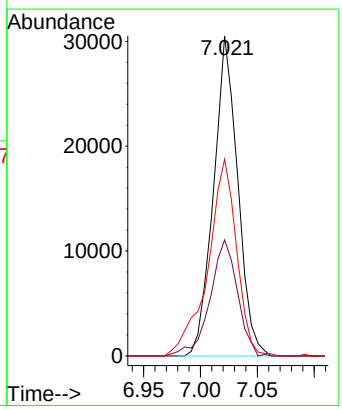
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

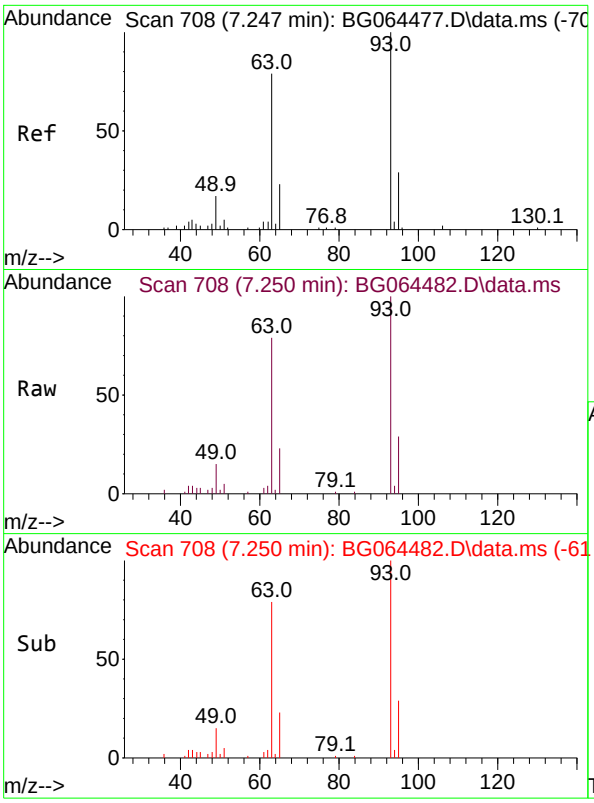


#10
Phenol
Concen: 38.413 ng
RT: 7.021 min Scan# 669
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion: 94 Resp: 45072

Ion	Ratio	Lower	Upper
94	100		
65	36.2	14.8	54.8
66	61.5	41.4	81.4

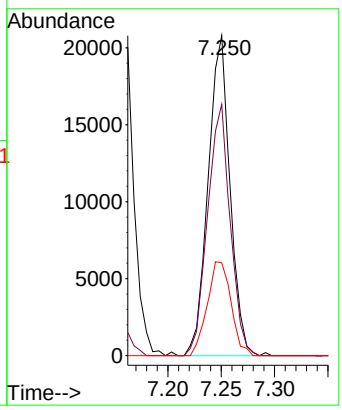




#11
bis(2-Chloroethyl)ether
Concen: 37.341 ng
RT: 7.250 min Scan# 7
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion: 93 Resp: 2967

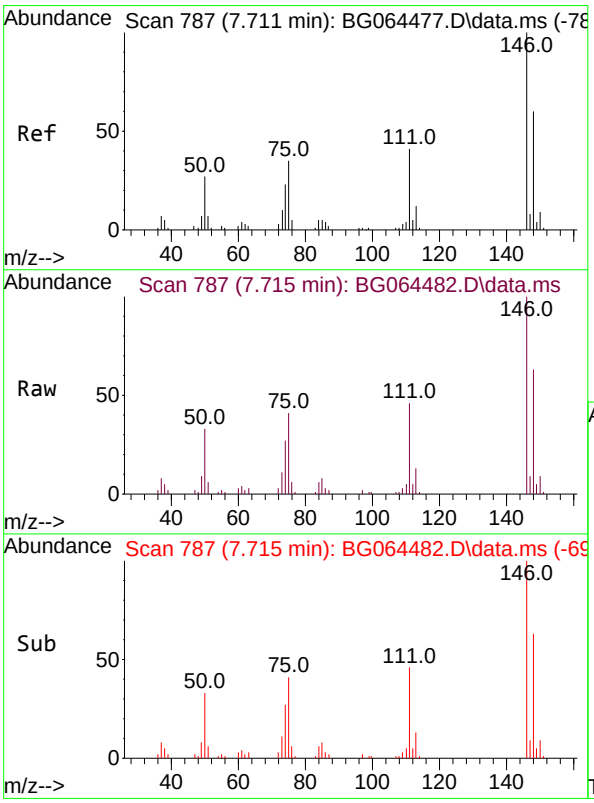
Ion	Ratio	Lower	Upper
93	100		
63	78.5	59.5	99.5
95	29.0	8.8	48.8



Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Manual Integrations APPROVED

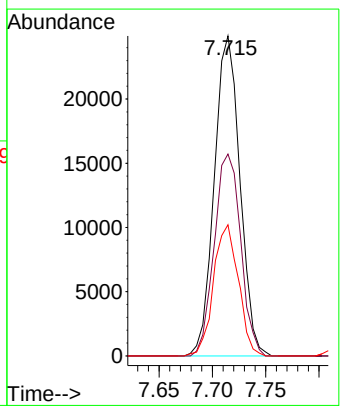
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

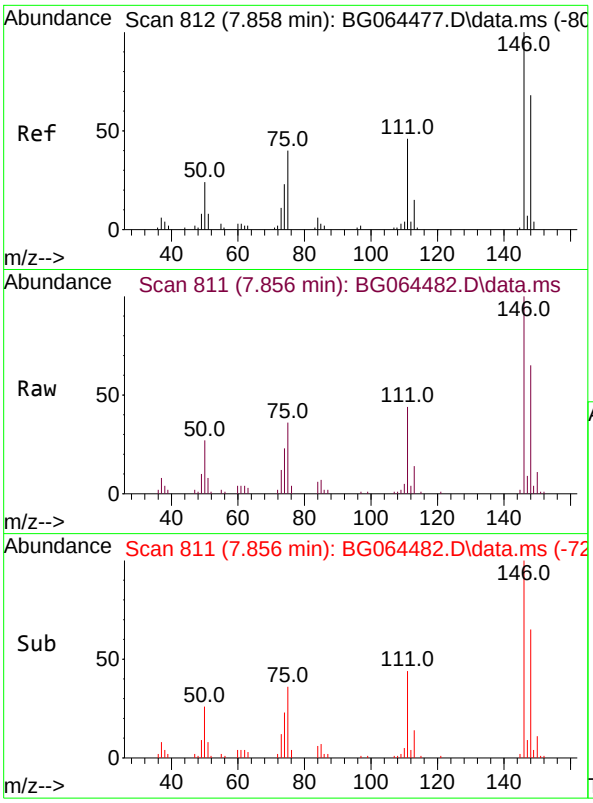


#12
1,3-Dichlorobenzene
Concen: 37.504 ng
RT: 7.715 min Scan# 787
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:146 Resp: 41698

Ion	Ratio	Lower	Upper
146	100		
148	63.1	48.4	72.6
75	41.0	28.3	42.5

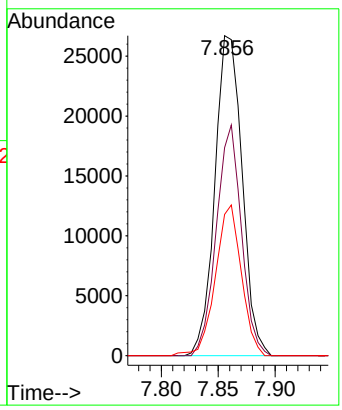




#13
1,4-Dichlorobenzene
Concen: 39.872 ng
RT: 7.856 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:146 Resp: 4449

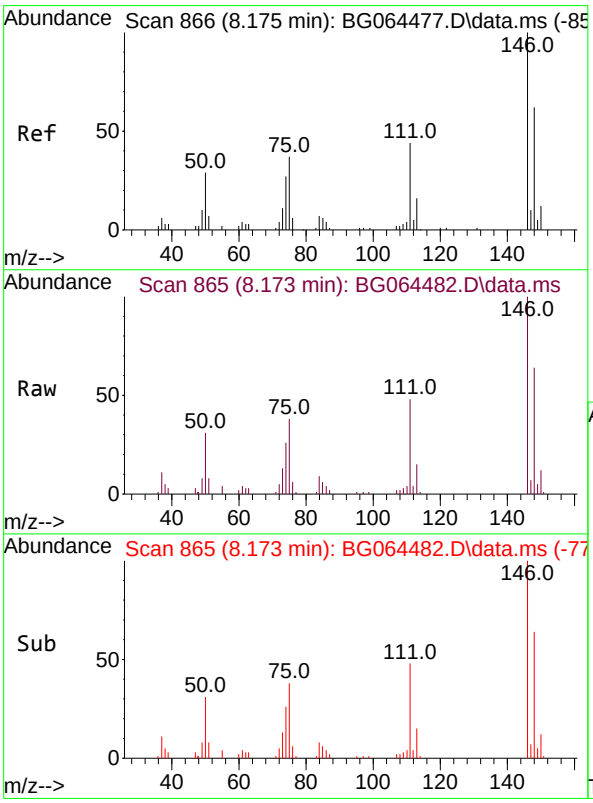
Ion	Ratio	Lower	Upper
146	100		
148	65.0	54.4	81.6
111	44.1	36.5	54.7



Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Manual Integrations
APPROVED

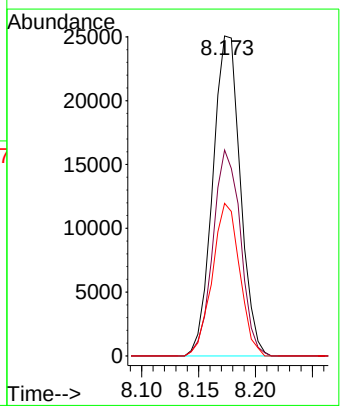
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

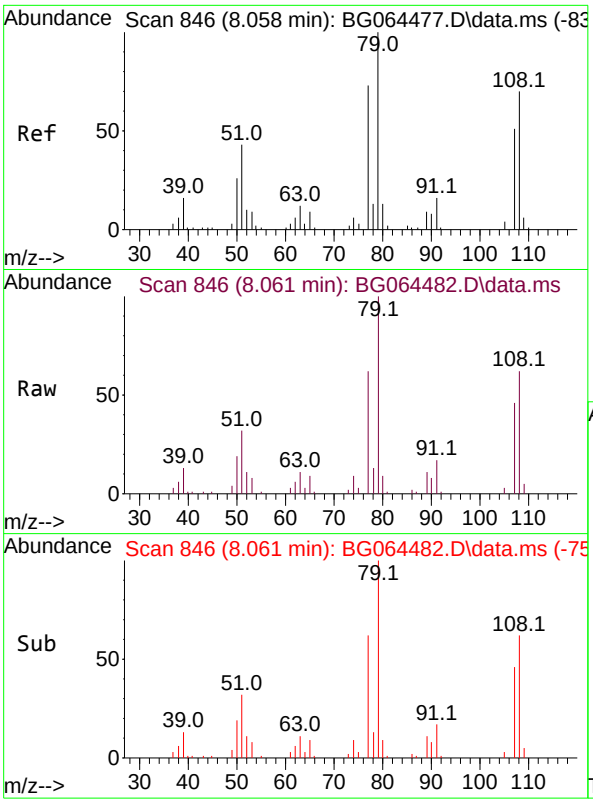


#14
1,2-Dichlorobenzene
Concen: 38.466 ng
RT: 8.173 min Scan# 865
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:146 Resp: 42303

Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.0	75.0
111	47.7	35.0	52.4

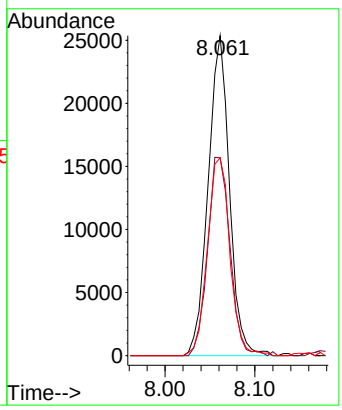




#15
Benzyl Alcohol
Concen: 40.756 ng
RT: 8.061 min Scan# 84
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion: 79 Resp: 4174

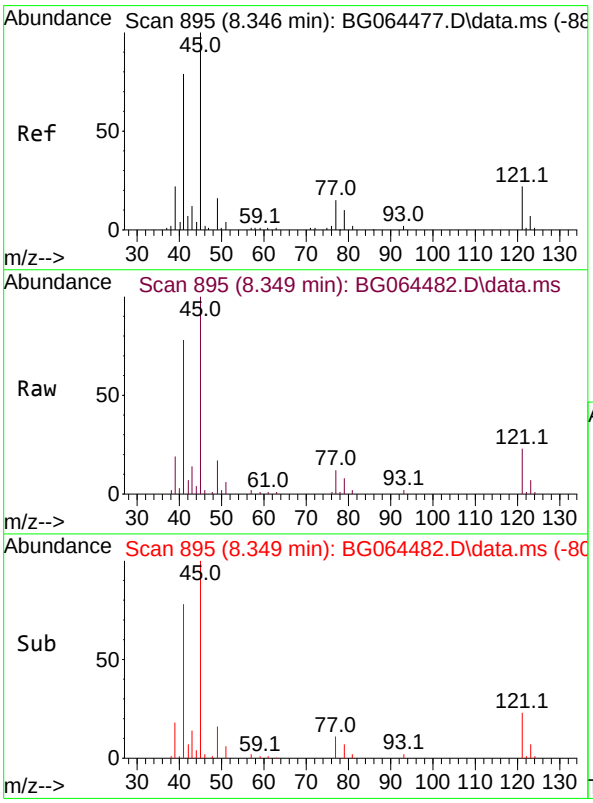
Ion	Ratio	Lower	Upper
79	100		
108	61.8	56.4	84.6
77	61.8	58.3	87.5



Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Manual Integrations APPROVED

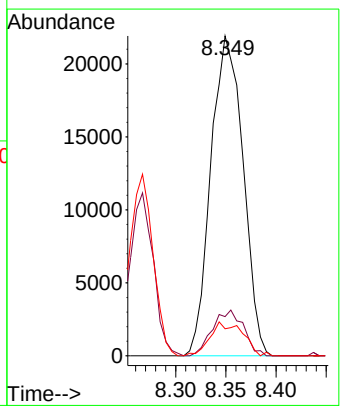
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

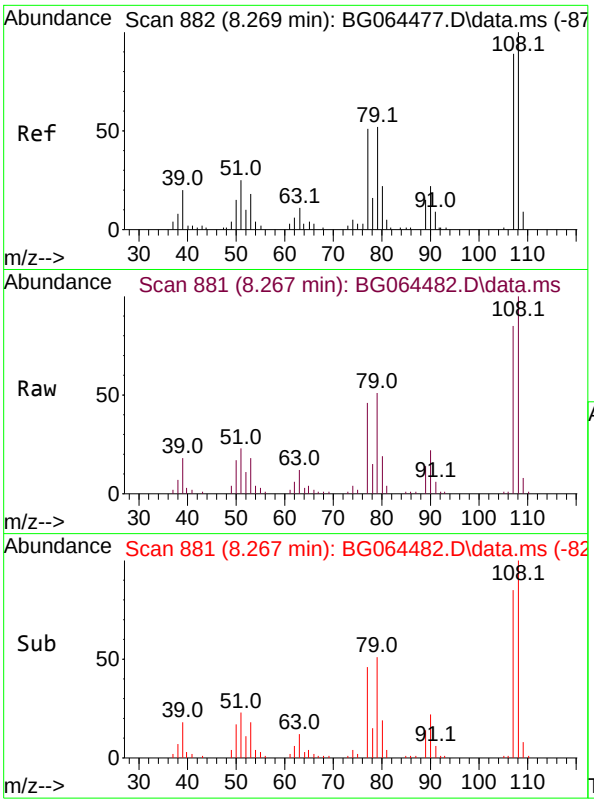


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.204 ng
RT: 8.349 min Scan# 895
Delta R.T. 0.012 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion: 45 Resp: 48934

Ion	Ratio	Lower	Upper
45	100		
77	12.3	0.0	35.6
79	8.5	0.0	30.7

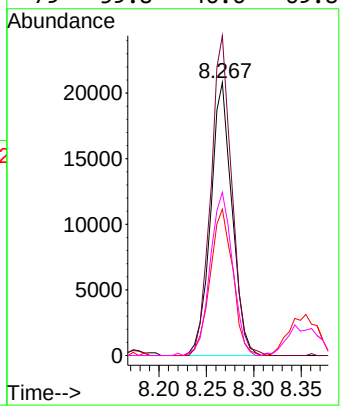




#17
2-Methylphenol
Concen: 38.553 ng
RT: 8.267 min Scan# 88
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:107 Resp: 3275

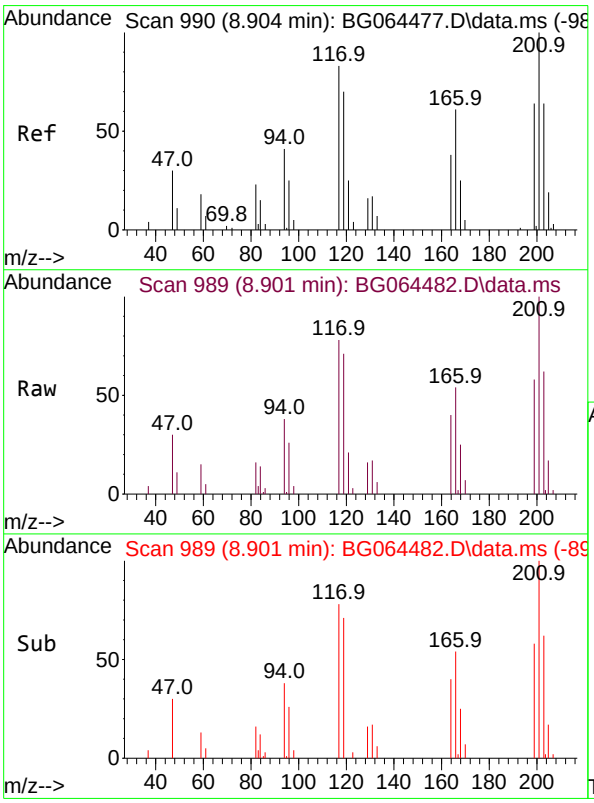
Ion	Ratio	Lower	Upper
107	100		
108	117.2	90.3	135.5
77	53.7	46.0	69.0
79	59.8	46.6	69.8



Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Manual Integrations APPROVED

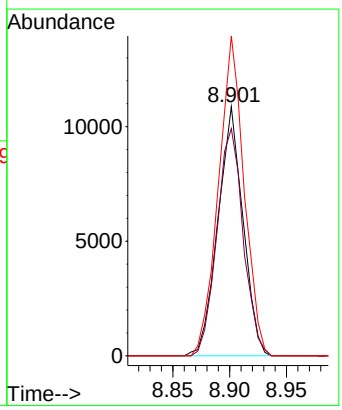
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

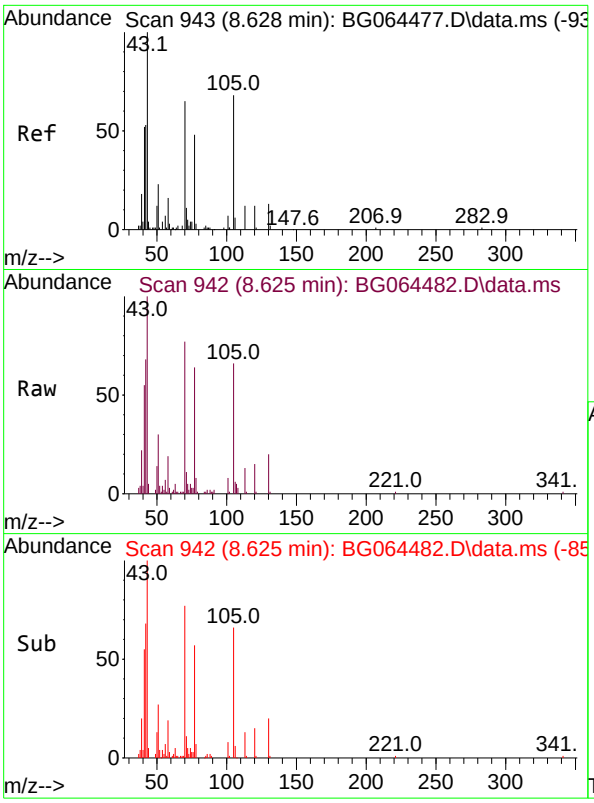


#18
Hexachloroethane
Concen: 37.877 ng
RT: 8.901 min Scan# 989
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:117 Resp: 16683

Ion	Ratio	Lower	Upper
117	100		
119	91.2	67.4	101.0
201	128.4	95.9	143.9

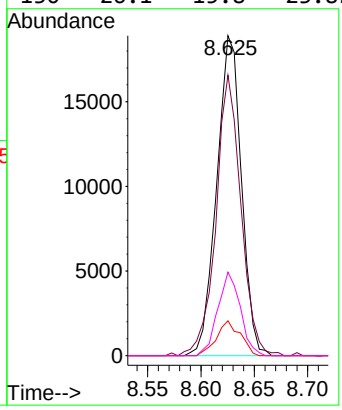




#19
n-Nitroso-di-n-propylamine
Concen: 40.984 ng
RT: 8.625 min Scan# 94
Delta R.T. 0.012 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion: 70 Resp: 3048

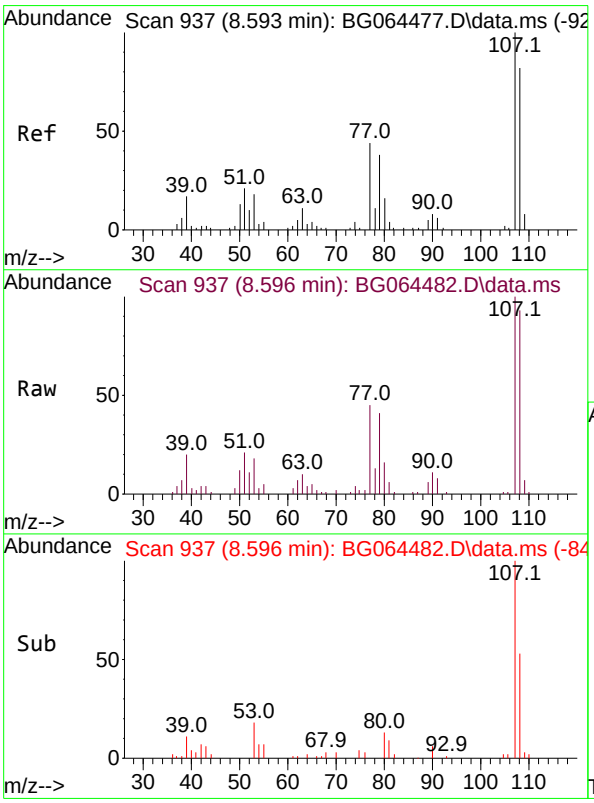
Ion	Ratio	Lower	Upper
70	100		
42	87.6	64.9	97.3
101	10.9	8.7	13.1
130	26.1	15.8	23.8#



Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Manual Integrations APPROVED

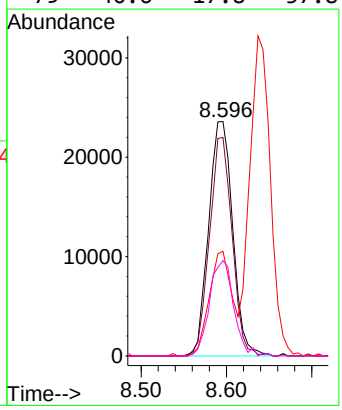
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

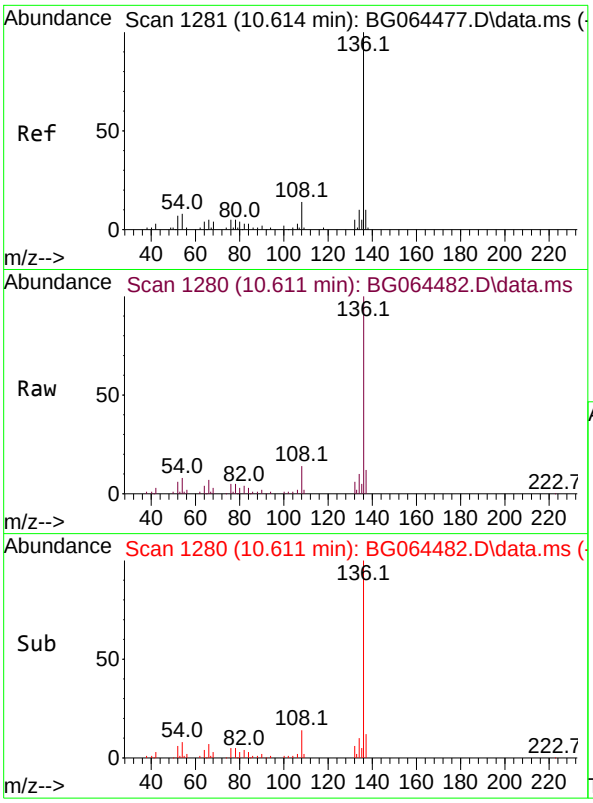


#20
3+4-Methylphenols
Concen: 38.893 ng
RT: 8.596 min Scan# 937
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:107 Resp: 46114

Ion	Ratio	Lower	Upper
107	100		
108	93.1	62.1	102.1
77	44.6	23.5	63.5
79	40.6	17.8	57.8

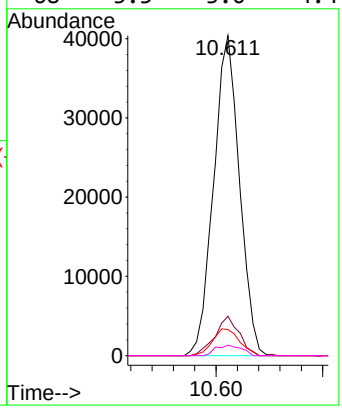




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.611 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:136 Resp: 6810

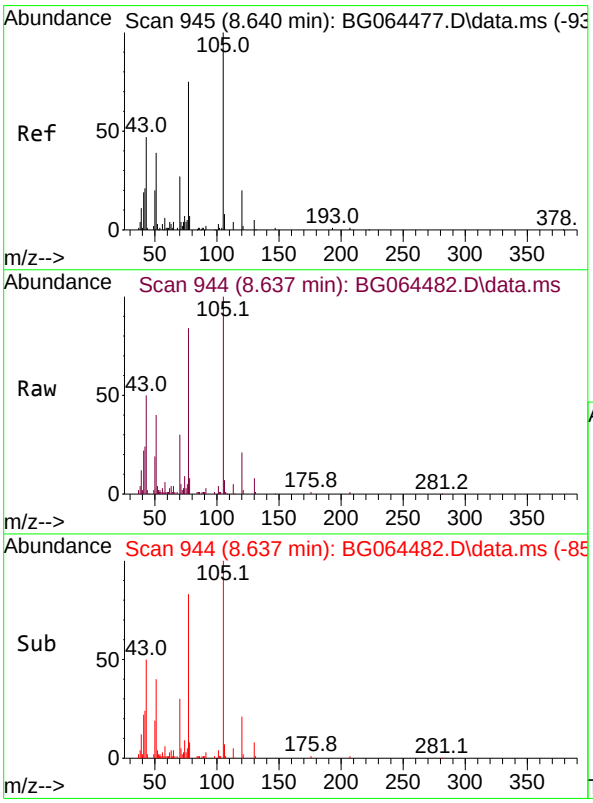
Ion	Ratio	Lower	Upper
136	100		
137	12.3	8.3	12.5
54	8.1	6.2	9.4
68	3.3	3.0	4.4



Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Manual Integrations APPROVED

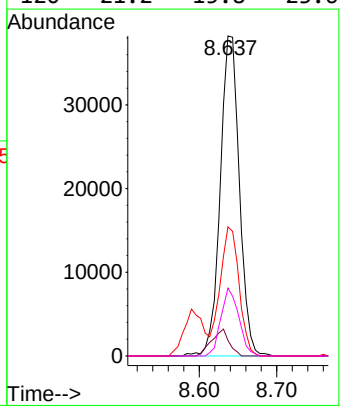
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

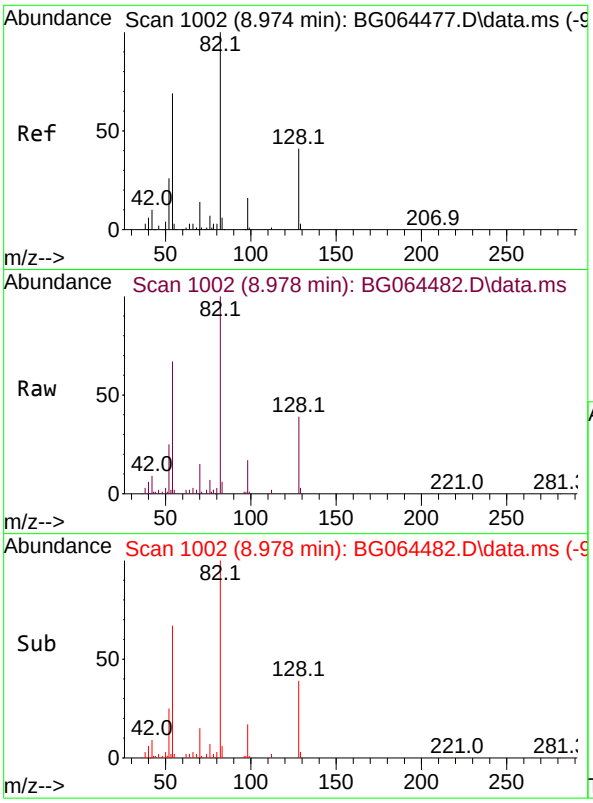


#22
Acetophenone
Concen: 39.906 ng
RT: 8.637 min Scan# 944
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:105 Resp: 65802

Ion	Ratio	Lower	Upper
105	100		
71	4.8	2.8	4.2#
51	40.3	33.0	49.4
120	21.2	15.8	23.6

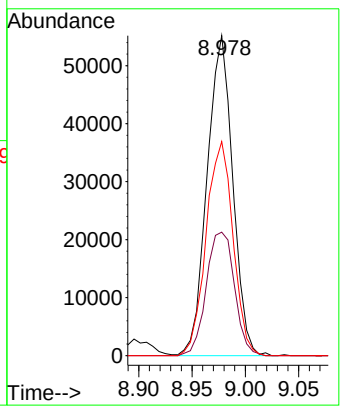




#23
Nitrobenzene-d5
Concen: 72.999 ng
RT: 8.978 min Scan# 1
Delta R.T. 0.012 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion: 82 Resp: 9245

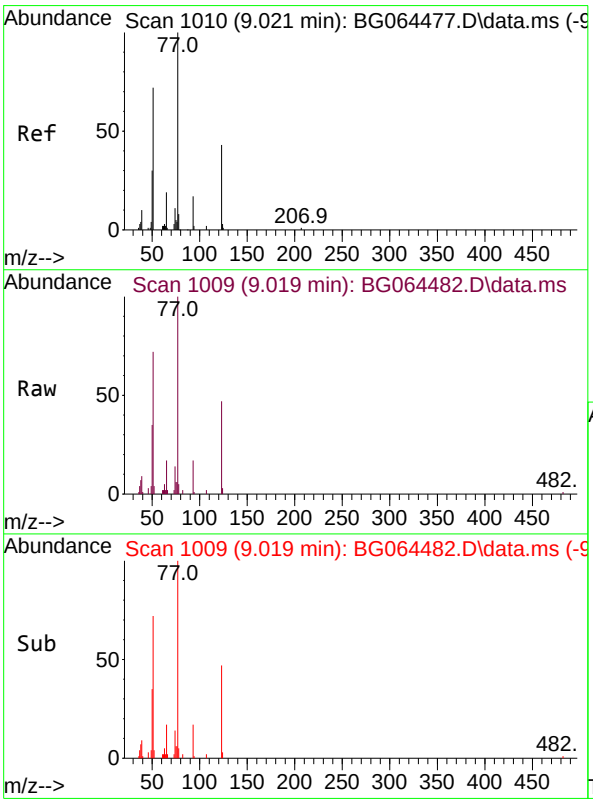
Ion	Ratio	Lower	Upper
82	100		
128	38.6	33.1	49.7
54	66.9	55.4	83.2



Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Manual Integrations
APPROVED

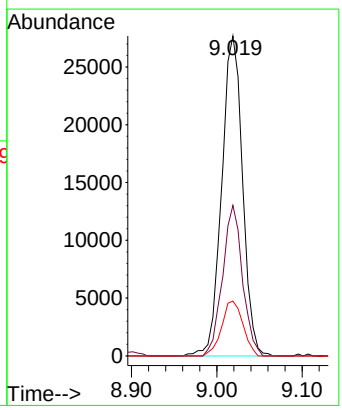
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

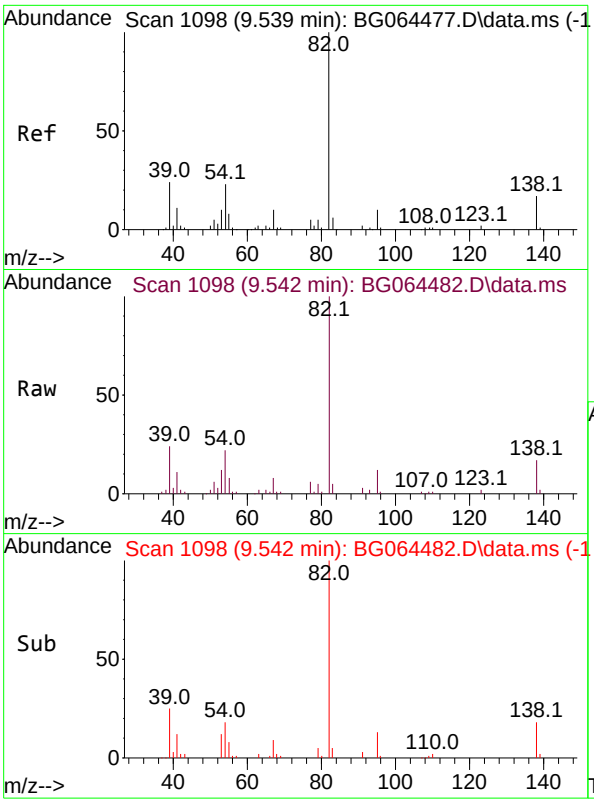


#24
Nitrobenzene
Concen: 37.170 ng
RT: 9.019 min Scan# 1009
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion: 77 Resp: 46946

Ion	Ratio	Lower	Upper
77	100		
123	47.0	34.4	51.6
65	17.1	14.8	22.2

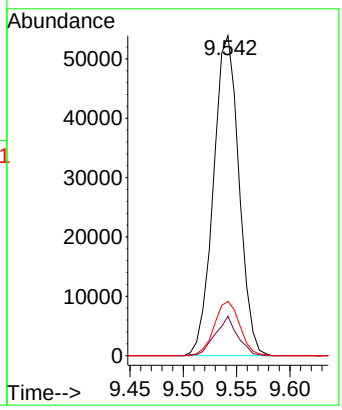




#25
Isophorone
Concen: 39.198 ng
RT: 9.542 min Scan# 1
Delta R.T. 0.012 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion: 82 Resp: 8993

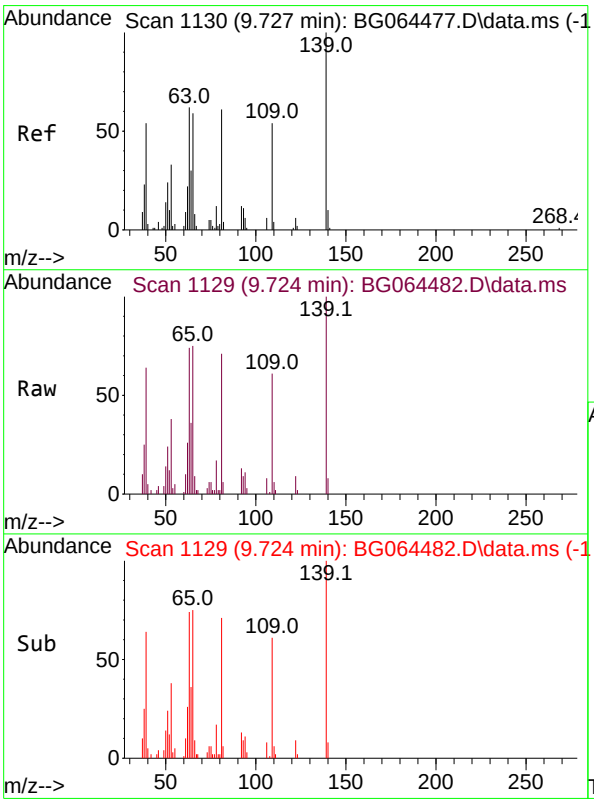
Ion	Ratio	Lower	Upper
82	100		
95	12.3	7.8	11.8#
138	16.9	13.8	20.6



Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Manual Integrations APPROVED

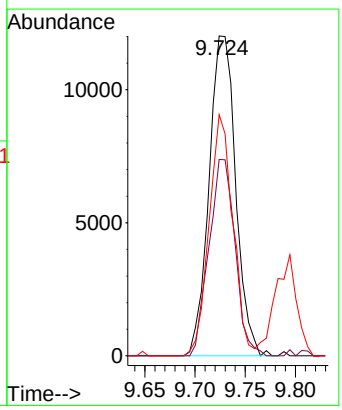
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

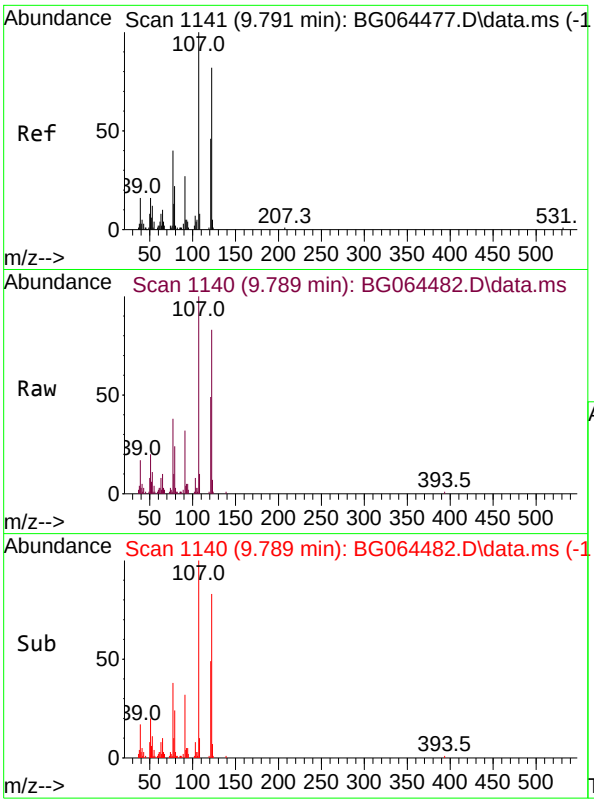


#26
2-Nitrophenol
Concen: 35.388 ng
RT: 9.724 min Scan# 1129
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:139 Resp: 22245

Ion	Ratio	Lower	Upper
139	100		
109	61.4	43.0	64.6
65	75.4	47.4	71.2#

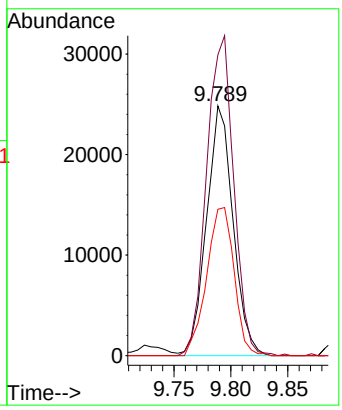




#27
2,4-Dimethylphenol
Concen: 41.959 ng
RT: 9.789 min Scan# 11
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:122 Resp: 4028

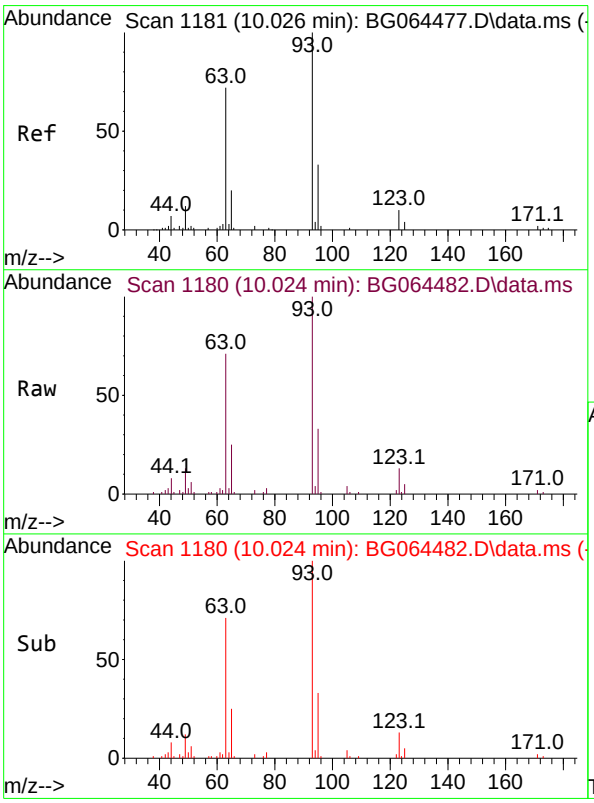
Ion	Ratio	Lower	Upper
122	100		
107	120.4	98.3	147.5
121	58.6	44.7	67.1



Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Manual Integrations
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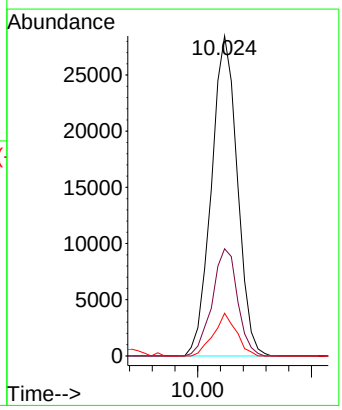
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

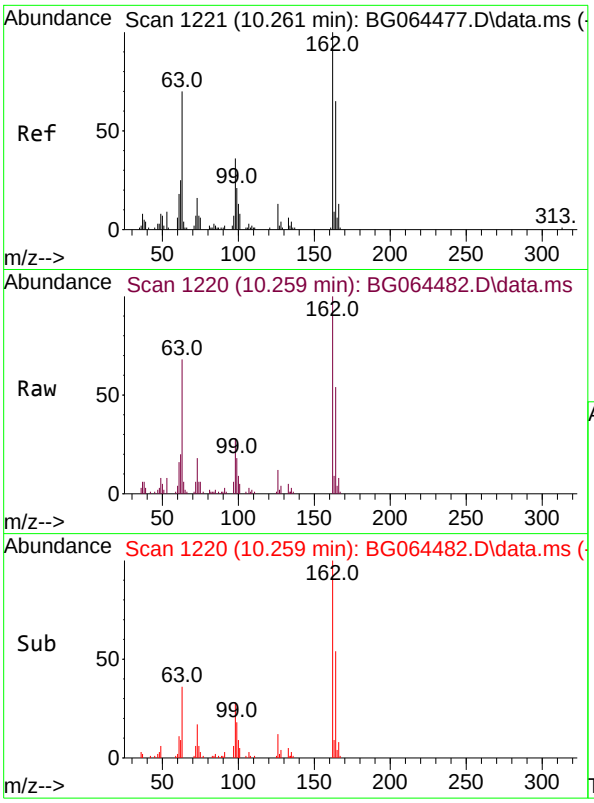


#28
bis(2-Chloroethoxy)methane
Concen: 38.540 ng
RT: 10.024 min Scan# 1180
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion: 93 Resp: 45075

Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.5	39.7
123	13.3	8.9	13.3

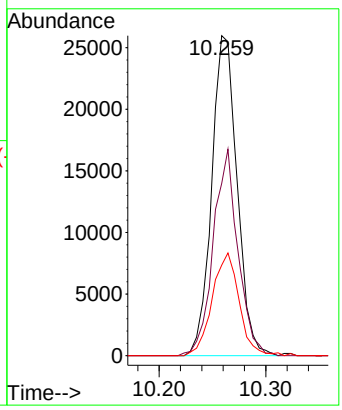




#29
2,4-Dichlorophenol
Concen: 38.857 ng
RT: 10.259 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:162 Resp: 4314

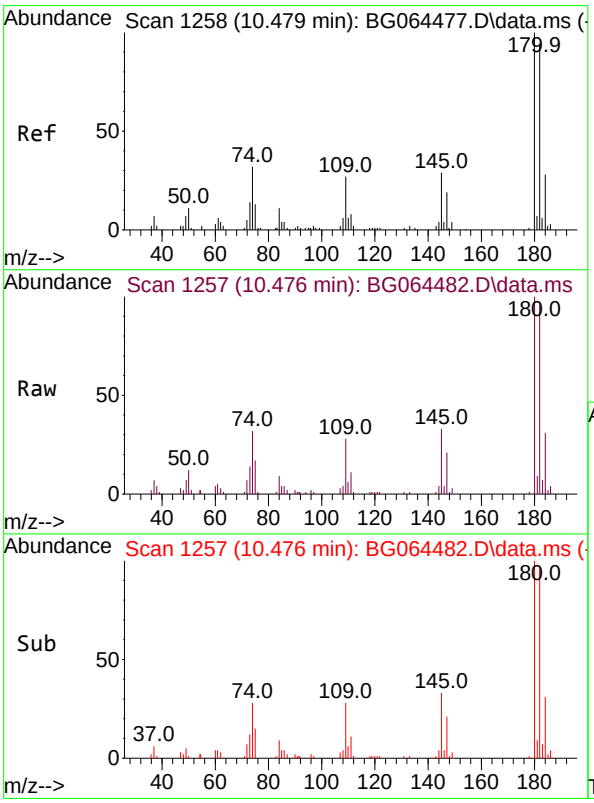
Ion	Ratio	Lower	Upper
162	100		
164	53.8	45.4	85.4
98	28.3	16.4	56.4



Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Manual Integrations
APPROVED

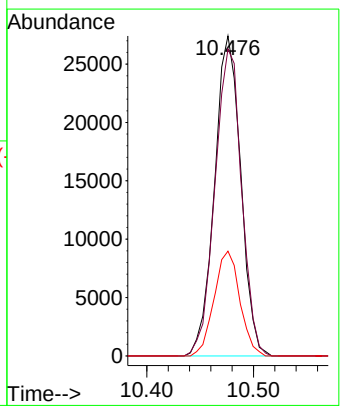
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

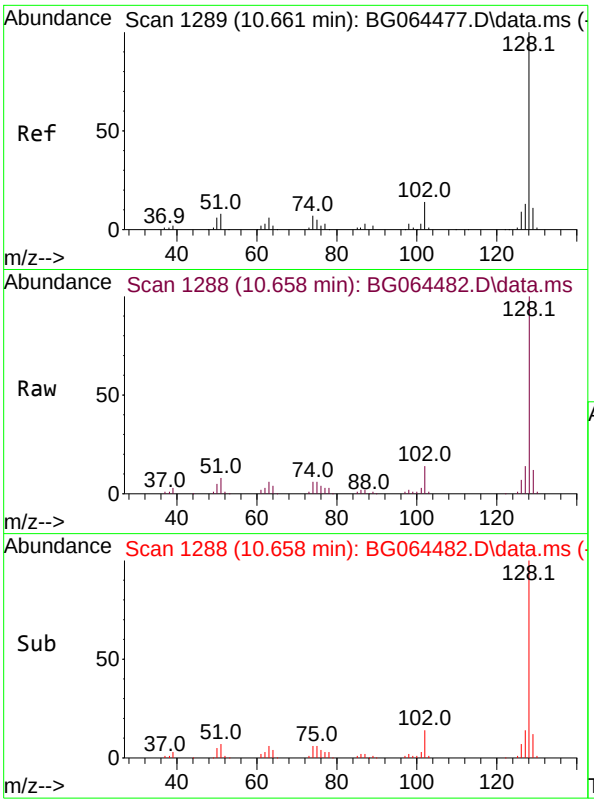


#30
1,2,4-Trichlorobenzene
Concen: 38.743 ng
RT: 10.476 min Scan# 1257
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:180 Resp: 46901

Ion	Ratio	Lower	Upper
180	100		
182	95.9	75.4	113.2
145	32.7	23.2	34.8

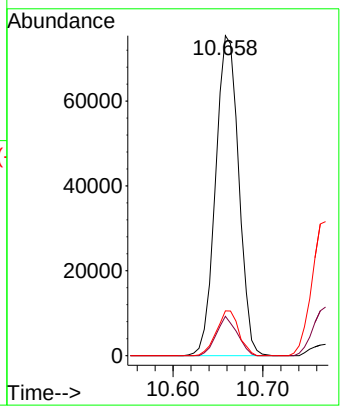




#31
Naphthalene
Concen: 38.491 ng
RT: 10.658 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:128 Resp: 13498

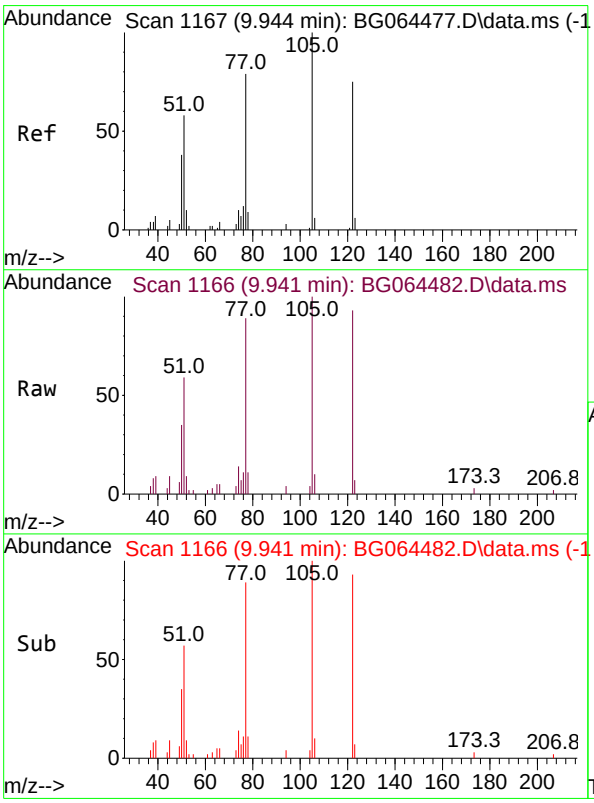
Ion	Ratio	Lower	Upper
128	100		
129	12.3	8.7	13.1
127	14.0	10.2	15.2



Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Manual Integrations APPROVED

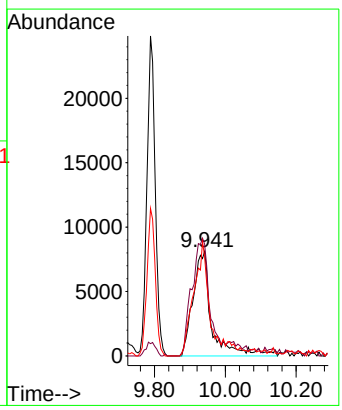
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

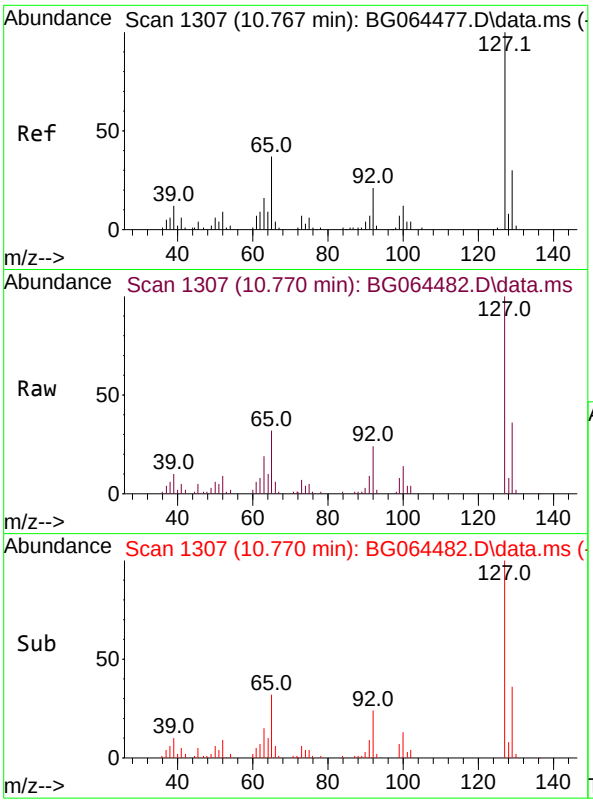


#32
Benzoic acid
Concen: 40.223 ng m
RT: 9.941 min Scan# 1166
Delta R.T. 0.053 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:122 Resp: 29650

Ion	Ratio	Lower	Upper
122	100		
105	107.2	113.9	153.9#
77	95.1	86.1	126.1

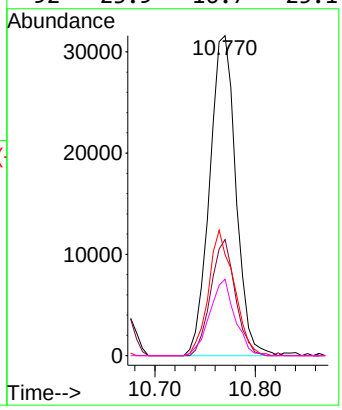




#33
4-Chloroaniline
Concen: 42.784 ng
RT: 10.770 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:127 Resp: 5757

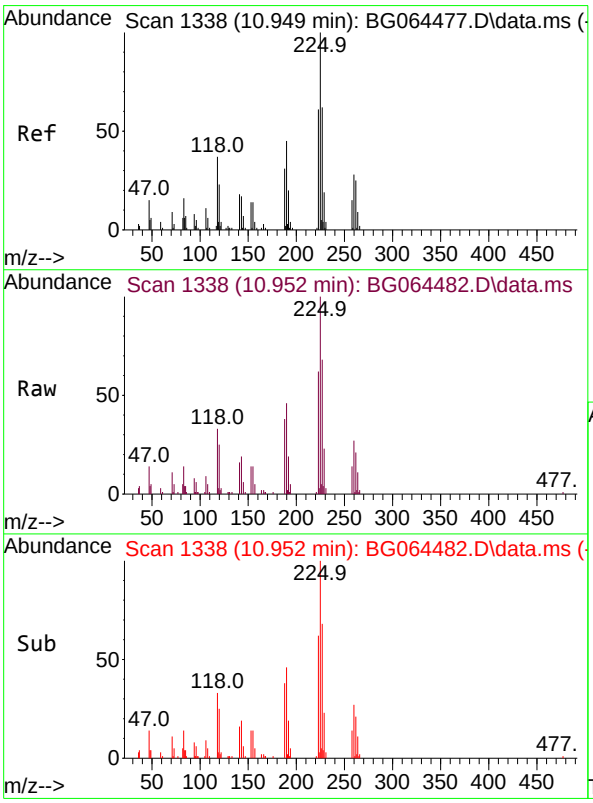
Ion	Ratio	Lower	Upper
127	100		
129	36.3	24.2	36.4
65	31.5	29.6	44.4
92	23.9	16.7	25.1



Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Manual Integrations APPROVED

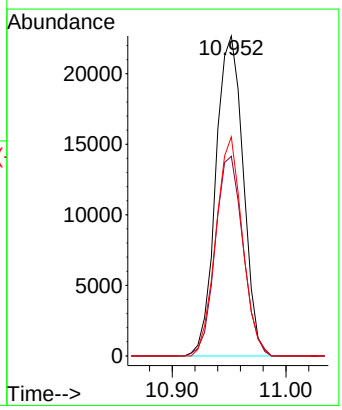
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

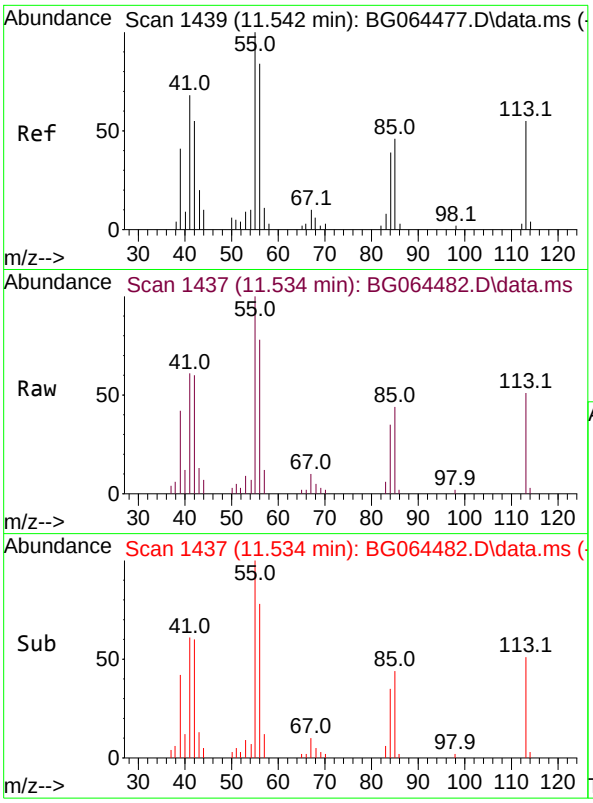


#34
Hexachlorobutadiene
Concen: 36.587 ng
RT: 10.952 min Scan# 1338
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:225 Resp: 37931

Ion	Ratio	Lower	Upper
225	100		
223	65.8	49.0	73.6
227	68.4	49.9	74.9

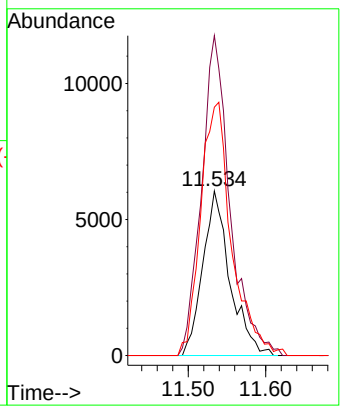




#35
Caprolactam
Concen: 38.812 ng
RT: 11.534 min Scan# 14
Delta R.T. 0.023 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:113 Resp: 1475

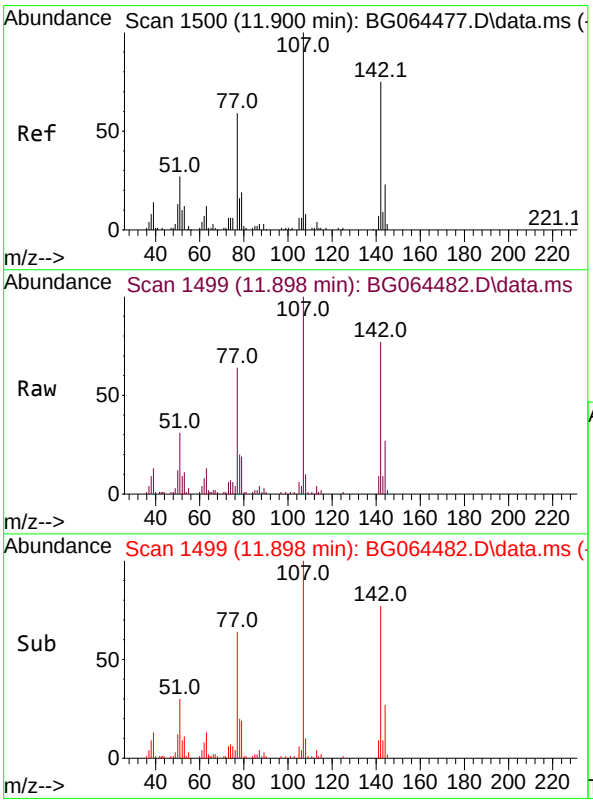
Ion	Ratio	Lower	Upper
113	100		
55	194.4	162.0	202.0
56	150.9	134.6	174.6



Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Manual Integrations APPROVED

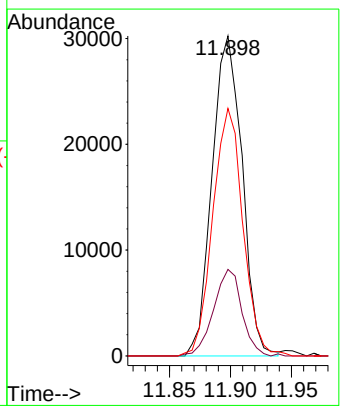
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

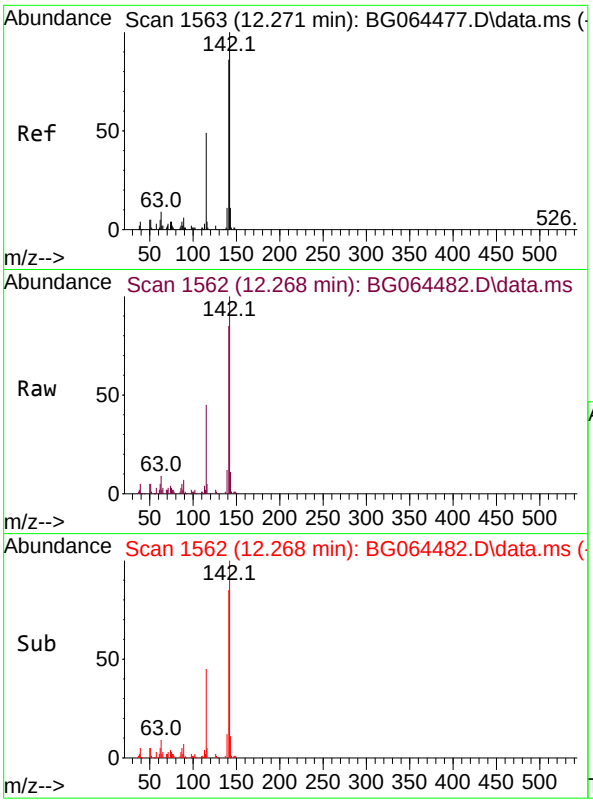


#36
4-Chloro-3-methylphenol
Concen: 38.389 ng
RT: 11.898 min Scan# 1499
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:107 Resp: 51832

Ion	Ratio	Lower	Upper
107	100		
144	27.0	18.7	28.1
142	77.3	60.2	90.2

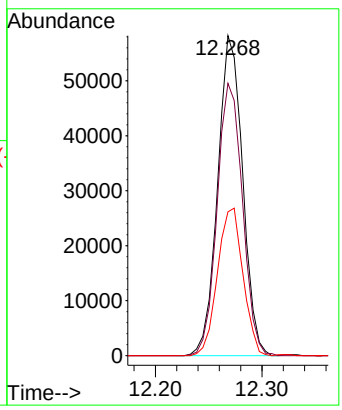




#37
2-Methylnaphthalene
Concen: 35.191 ng
RT: 12.268 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:142 Resp: 9473

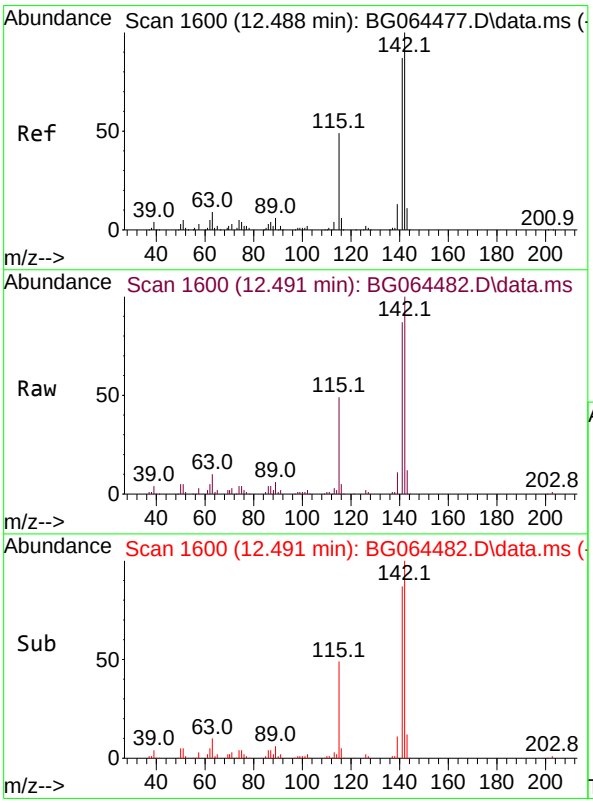
Ion	Ratio	Lower	Upper
142	100		
141	85.1	68.7	103.1
115	44.9	39.3	58.9



Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Manual Integrations
APPROVED

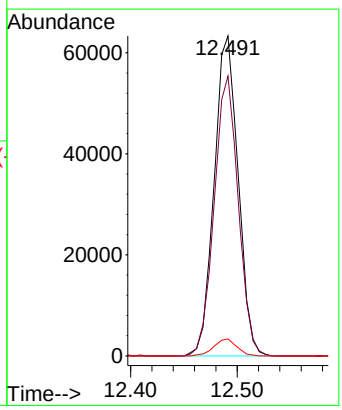
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

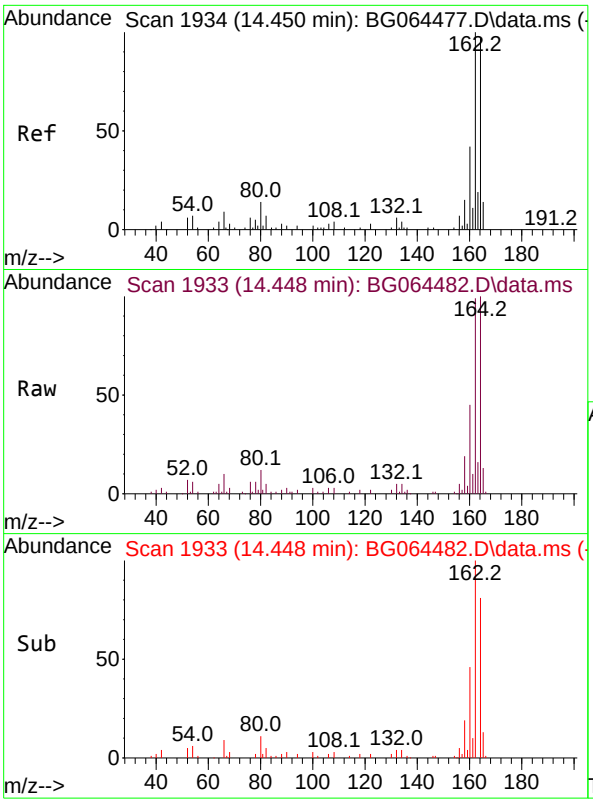


#38
1-Methylnaphthalene
Concen: 36.933 ng
RT: 12.491 min Scan# 1600
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:142 Resp: 99137

Ion	Ratio	Lower	Upper
142	100		
141	87.4	69.8	104.8
116	5.3	4.6	6.8

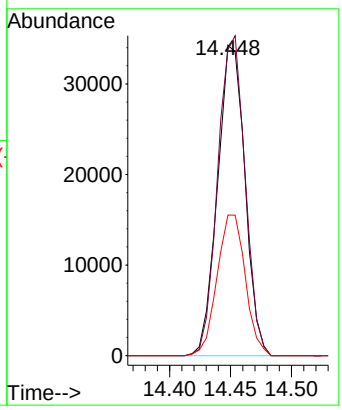




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.448 min Scan# 19
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:164 Resp: 5370

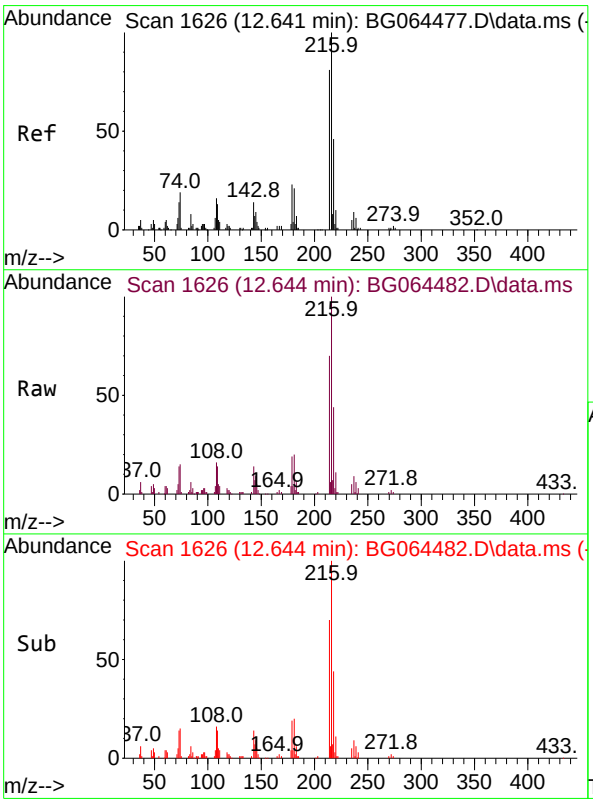
Ion	Ratio	Lower	Upper
164	100		
162	98.6	82.2	123.2
160	45.3	34.3	51.5



Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Manual Integrations
APPROVED

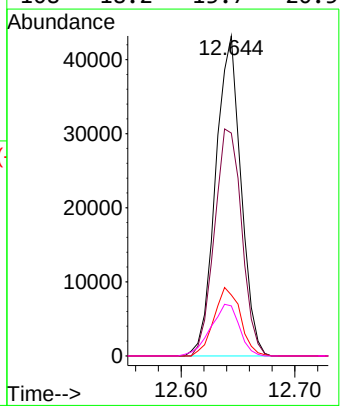
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

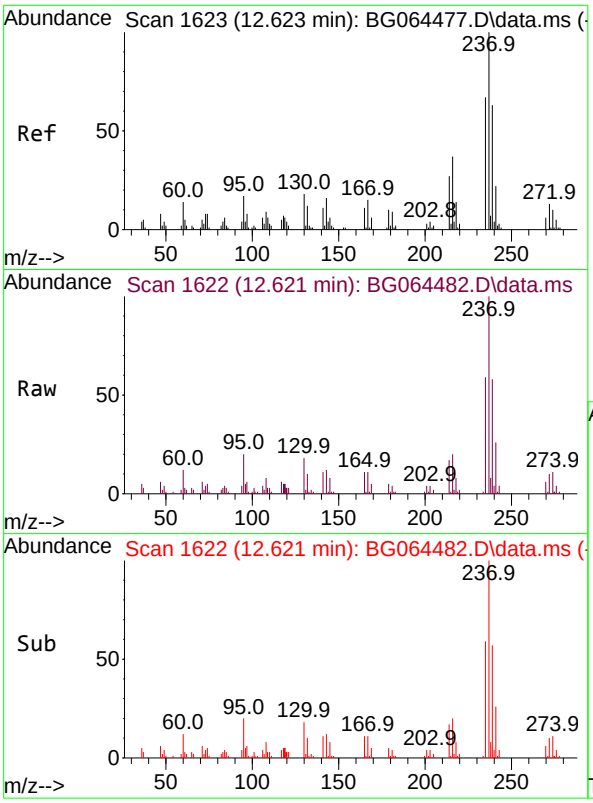


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.511 ng
RT: 12.644 min Scan# 1626
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:216 Resp: 66779

Ion	Ratio	Lower	Upper
216	100		
214	76.2	62.5	93.7
179	22.3	17.0	25.6
108	18.2	13.7	20.5

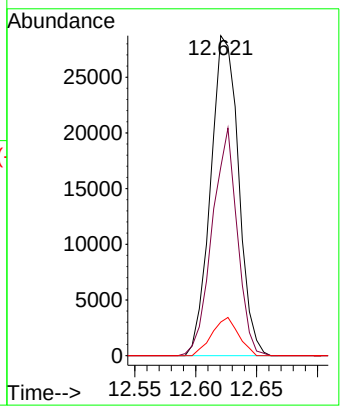




#41
Hexachlorocyclopentadiene
Concen: 50.483 ng
RT: 12.621 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:237 Resp: 4579

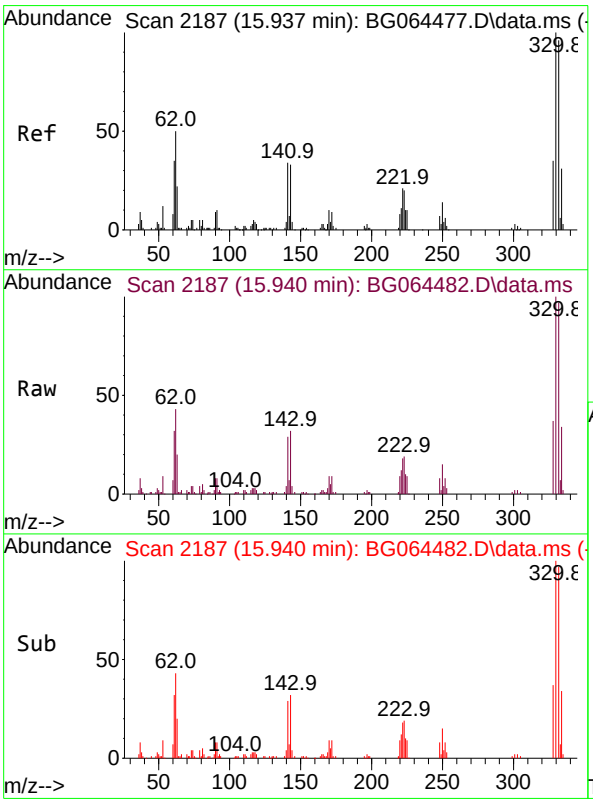
Ion	Ratio	Lower	Upper
237	100		
235	58.9	46.9	86.9
272	10.5	0.0	32.6



Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Manual Integrations
APPROVED

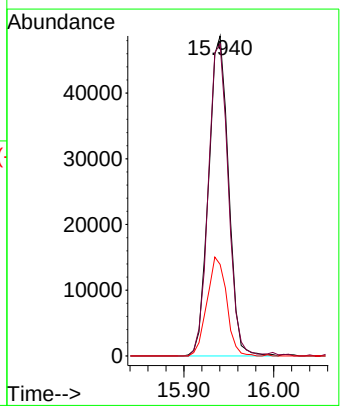
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

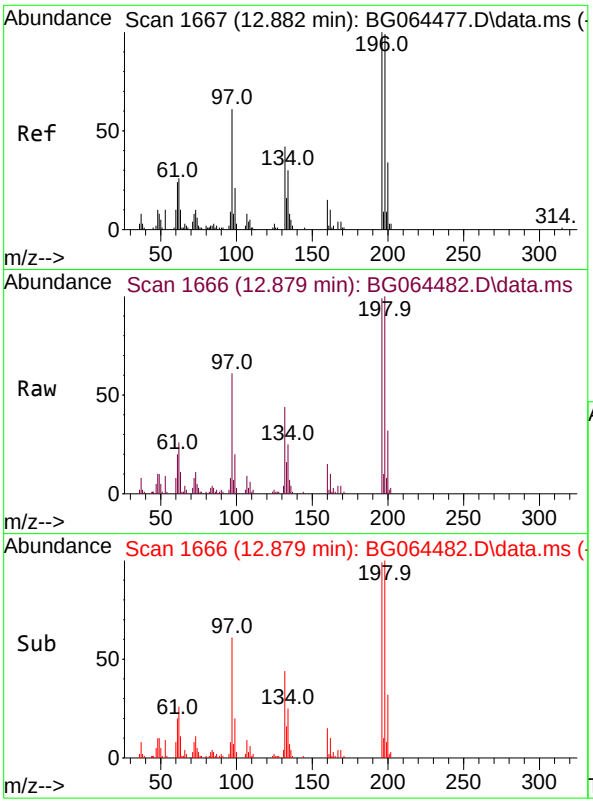


#42
2,4,6-Tribromophenol
Concen: 76.705 ng
RT: 15.940 min Scan# 2187
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:330 Resp: 74669

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.4	116.0
141	30.4	25.8	38.6

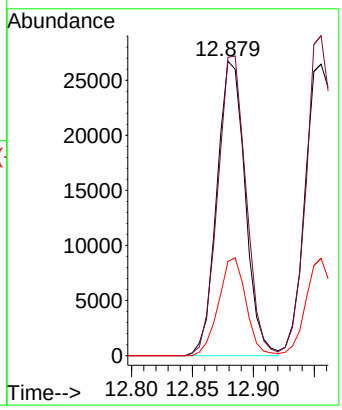




#43
2,4,6-Trichlorophenol
Concen: 39.030 ng
RT: 12.879 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:196 Resp: 4326

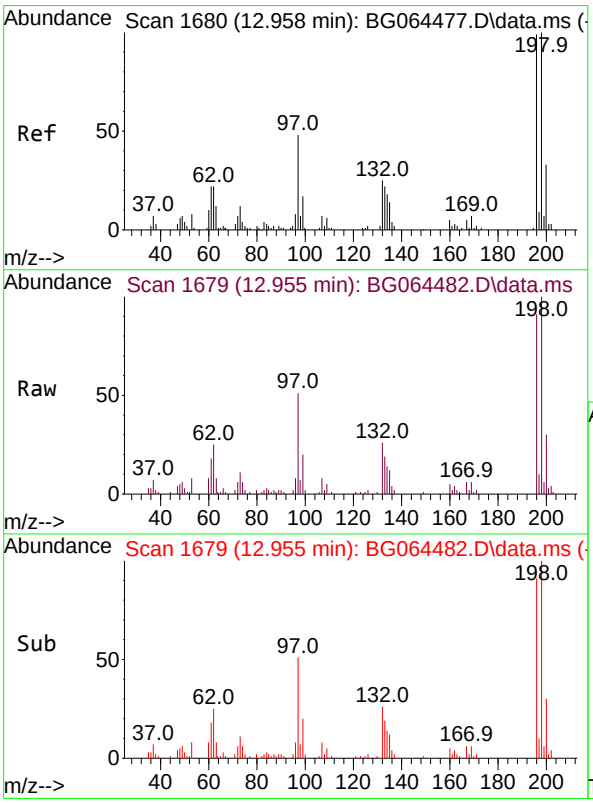
Ion	Ratio	Lower	Upper
196	100		
198	101.3	79.3	118.9
200	31.9	27.4	41.2



Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Manual Integrations
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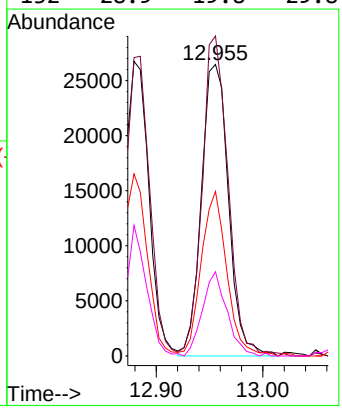
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

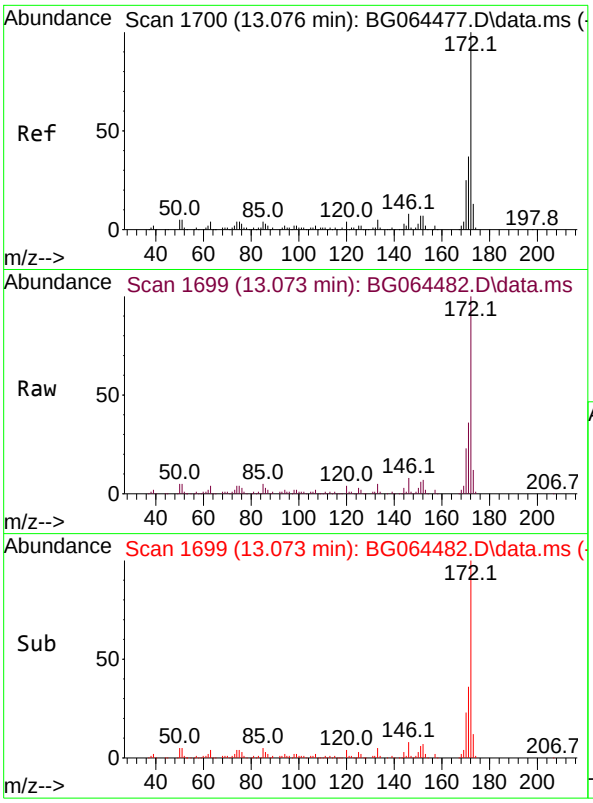


#44
2,4,5-Trichlorophenol
Concen: 37.827 ng
RT: 12.955 min Scan# 1679
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:196 Resp: 46812

Ion	Ratio	Lower	Upper
196	100		
198	109.8	80.3	120.5
97	56.4	39.4	59.0
132	28.9	19.8	29.8

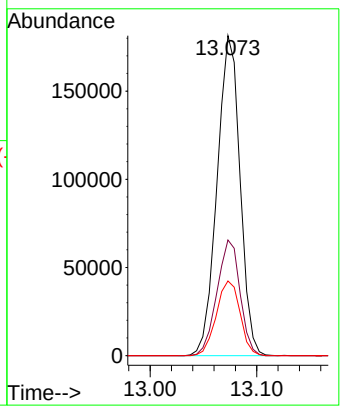




#45
2-Fluorobiphenyl
Concen: 74.539 ng
RT: 13.073 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:172 Resp: 271576

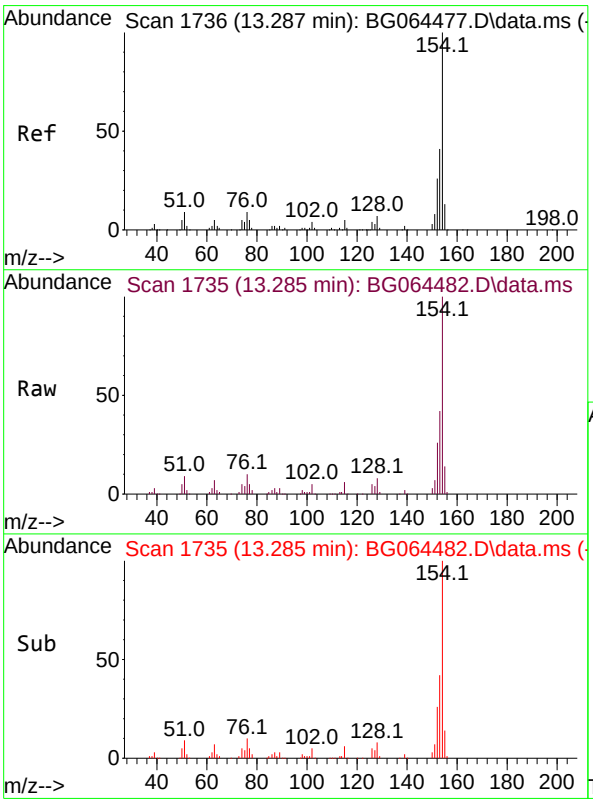
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	23.4	20.2	30.2



Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Manual Integrations APPROVED

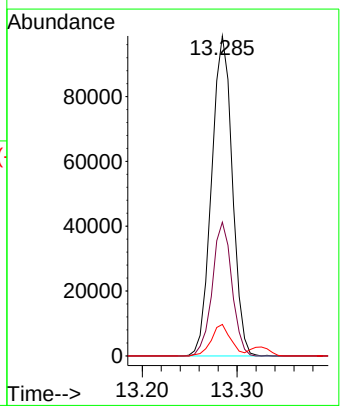
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

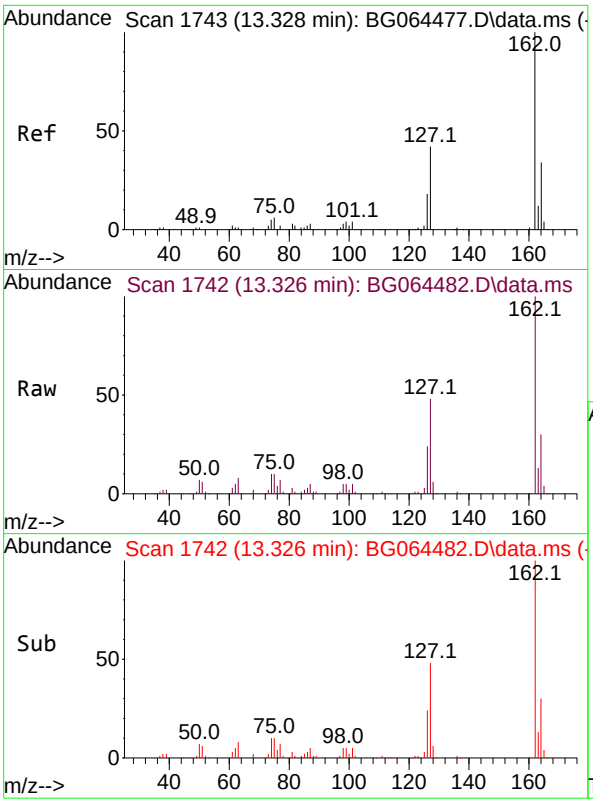


#46
1,1'-Biphenyl
Concen: 38.735 ng
RT: 13.285 min Scan# 1735
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:154 Resp: 149616

Ion	Ratio	Lower	Upper
154	100		
153	41.8	20.7	60.7
76	9.8	0.0	29.3

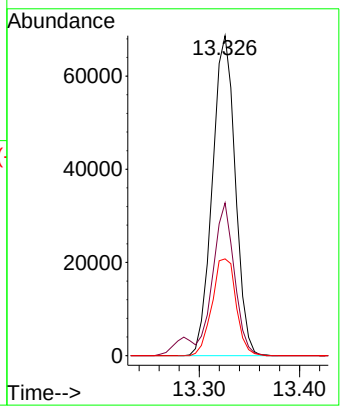




#47
2-Chloronaphthalene
Concen: 37.716 ng
RT: 13.326 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:162 Resp: 10876

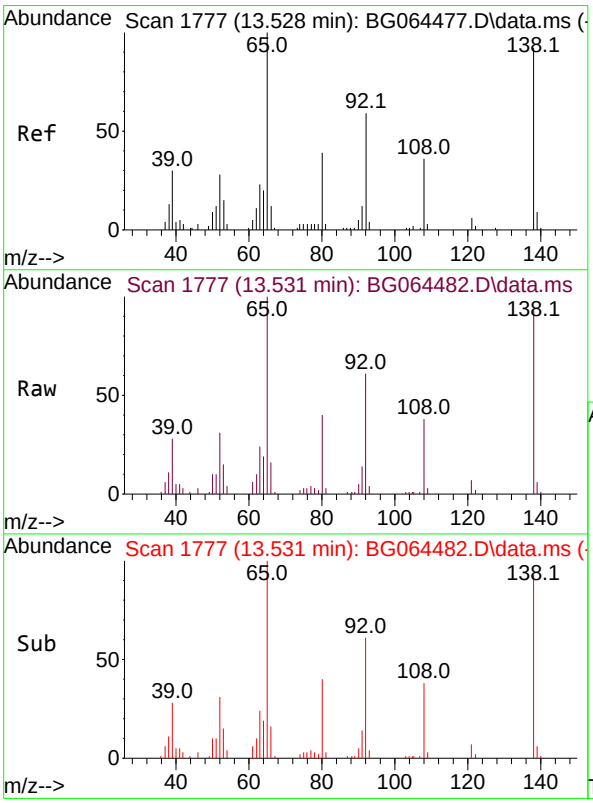
Ion	Ratio	Lower	Upper
162	100		
127	47.7	35.8	53.8
164	30.2	27.2	40.8



Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Manual Integrations APPROVED

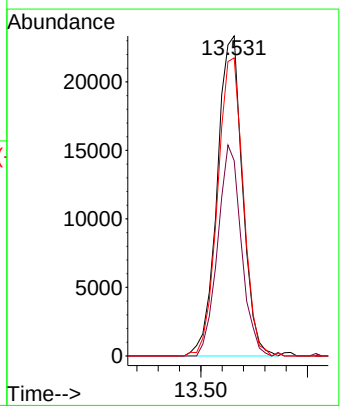
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

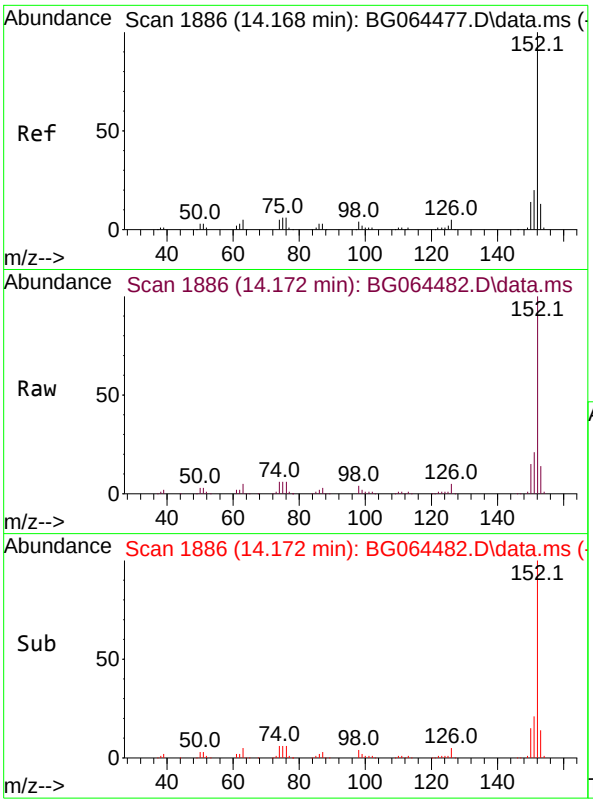


#48
2-Nitroaniline
Concen: 39.151 ng
RT: 13.531 min Scan# 1777
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion: 65 Resp: 38535

Ion	Ratio	Lower	Upper
65	100		
92	61.0	47.0	70.6
138	93.2	73.5	110.3

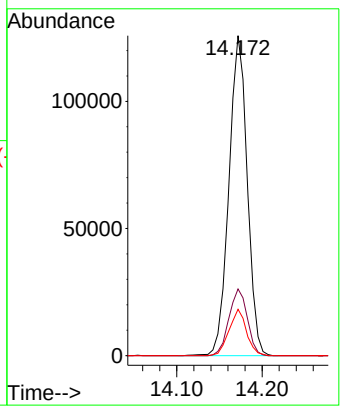




#49
Acenaphthylene
Concen: 43.842 ng
RT: 14.172 min Scan# 18
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:152 Resp: 18768

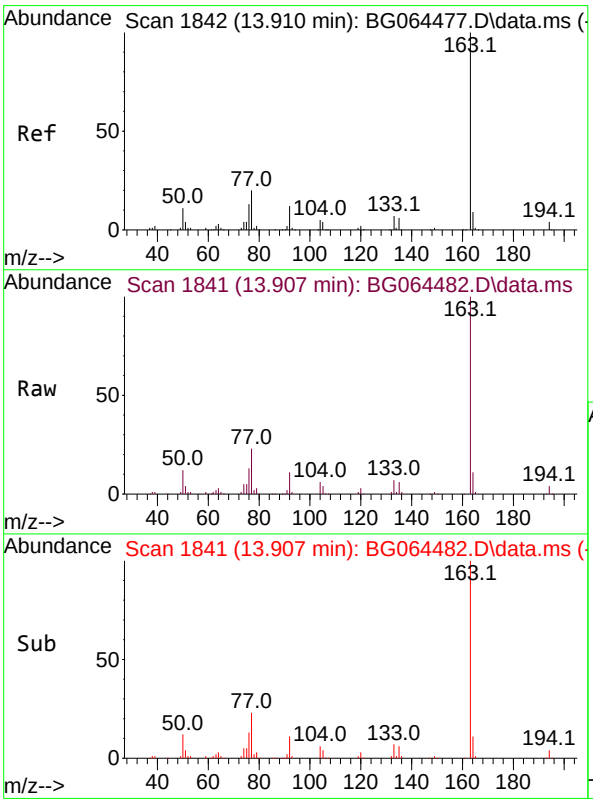
Ion	Ratio	Lower	Upper
152	100		
151	20.8	15.8	23.6
153	14.5	10.6	15.8



Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Manual Integrations
APPROVED

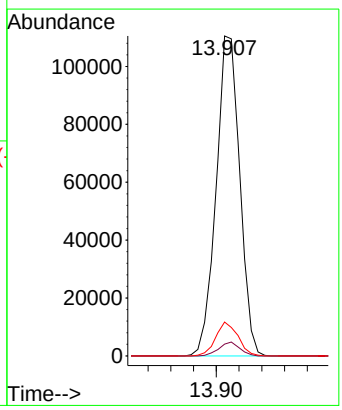
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

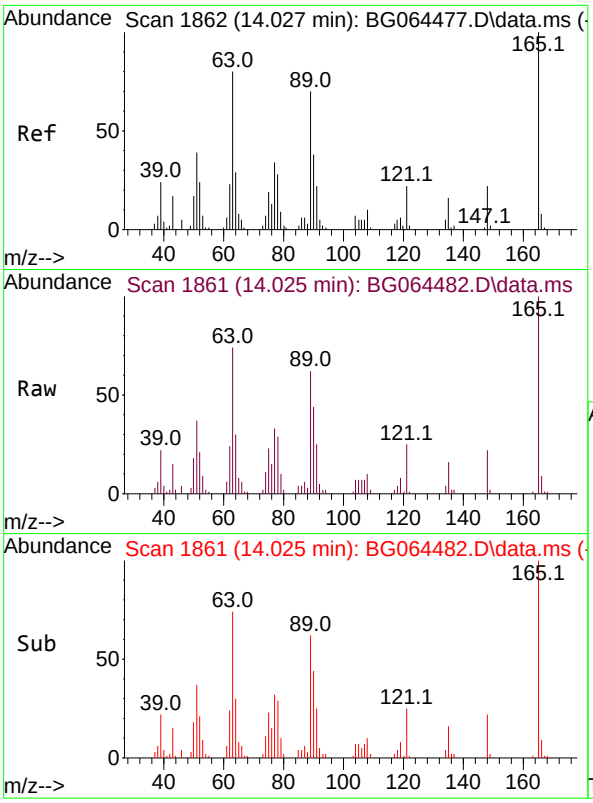


#50
Dimethylphthalate
Concen: 37.903 ng
RT: 13.907 min Scan# 1841
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:163 Resp: 159424

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.9	4.3
164	10.6	7.4	11.0





#51
2,6-Dinitrotoluene
Concen: 38.742 ng
RT: 14.025 min Scan# 18
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

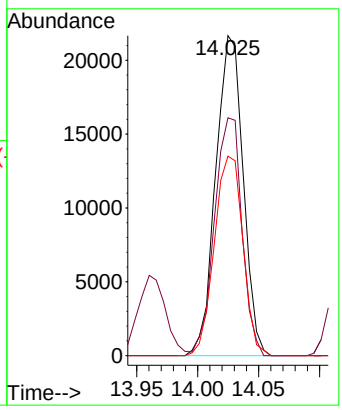
Tgt Ion:165 Resp: 3394

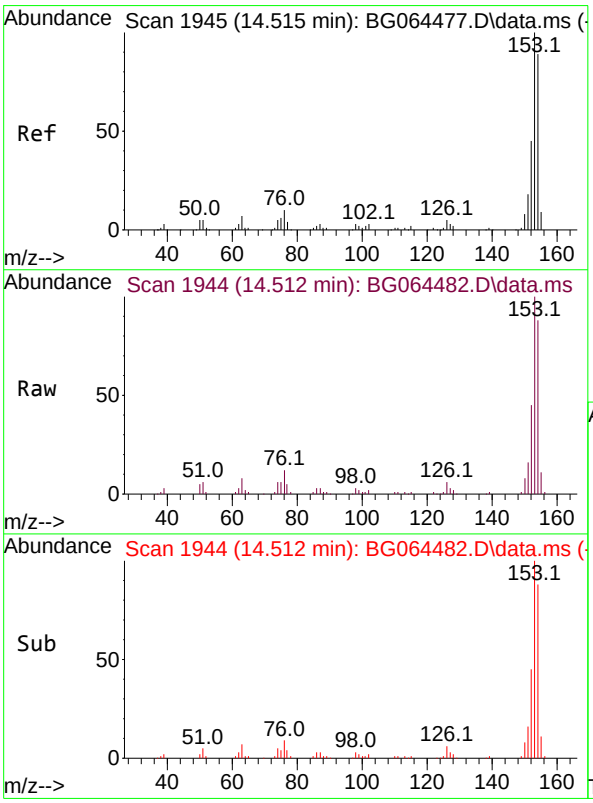
Ion	Ratio	Lower	Upper
165	100		
63	74.3	63.9	95.9
89	62.3	56.1	84.1

Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

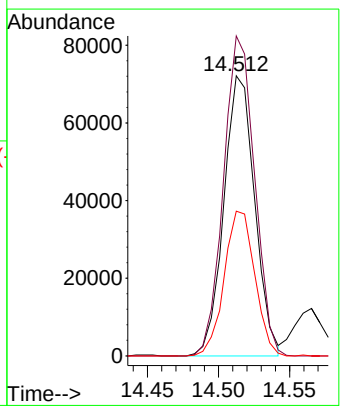


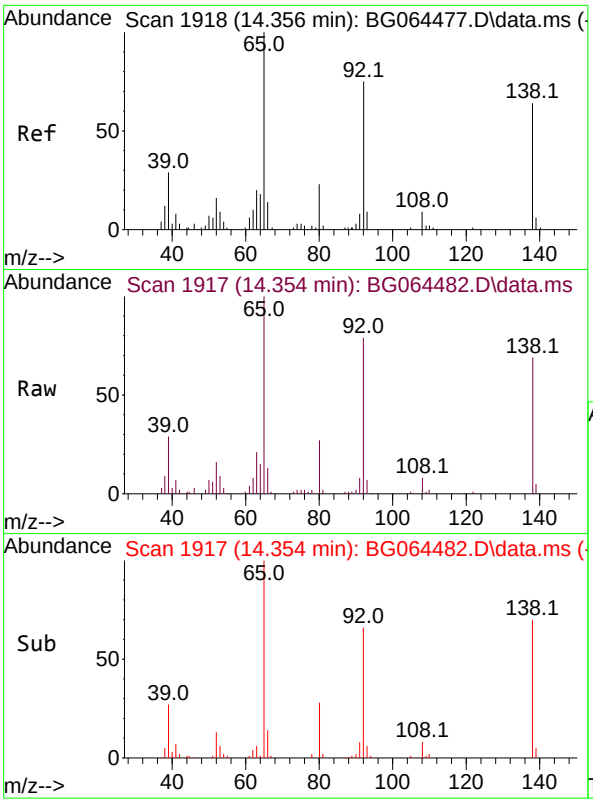


#52
Acenaphthene
Concen: 36.666 ng
RT: 14.512 min Scan# 1944
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:154 Resp: 109054

Ion	Ratio	Lower	Upper
154	100		
153	114.2	90.2	135.4
152	51.7	40.2	60.4

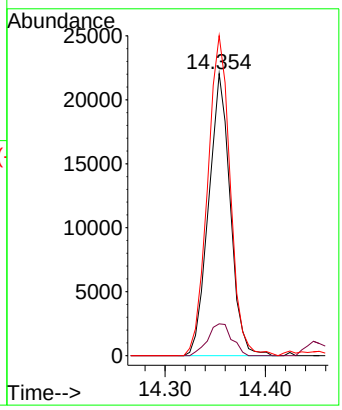




#53
3-Nitroaniline
Concen: 40.727 ng
RT: 14.354 min Scan# 19
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:138 Resp: 3291

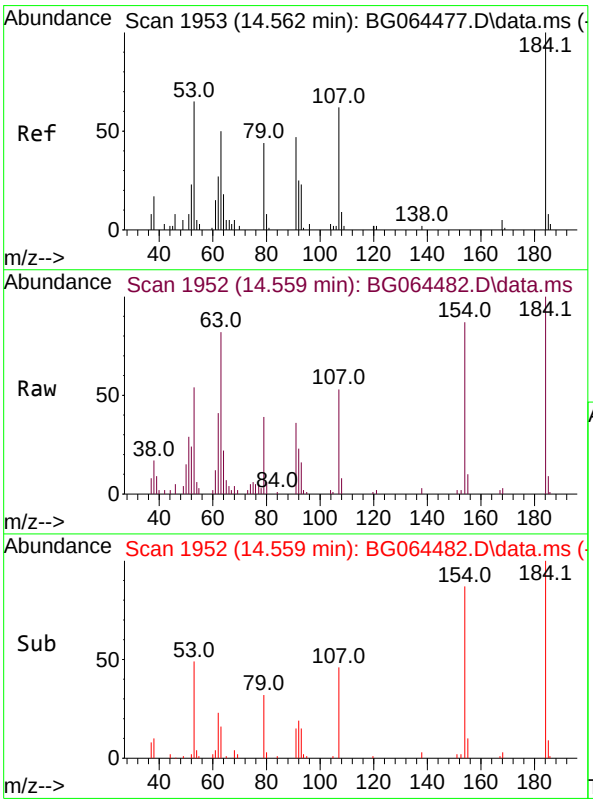
Ion	Ratio	Lower	Upper
138	100		
108	11.2	10.6	15.8
92	113.5	93.2	139.8



Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Manual Integrations
APPROVED

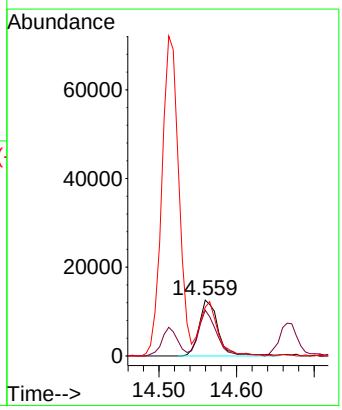
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

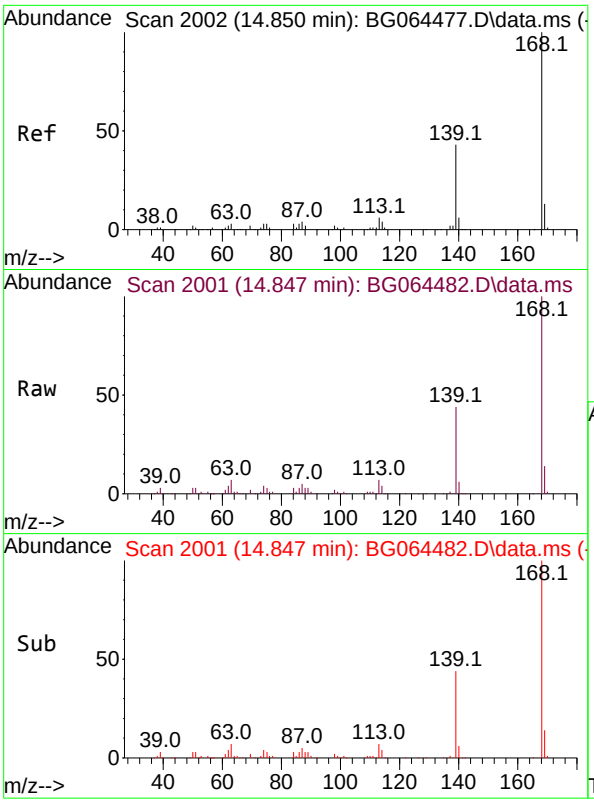


#54
2,4-Dinitrophenol
Concen: 33.540 ng
RT: 14.559 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:184 Resp: 21309

Ion	Ratio	Lower	Upper
184	100		
63	82.0	69.0	103.4
154	87.3	95.6	143.4#

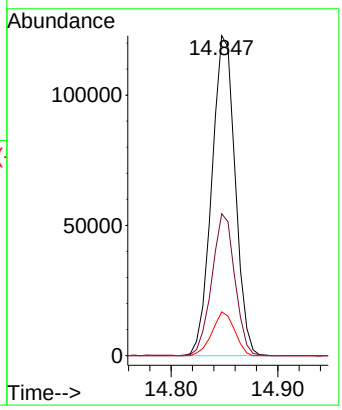




#55
Dibenzofuran
Concen: 38.141 ng
RT: 14.847 min Scan# 2
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:168 Resp: 18730

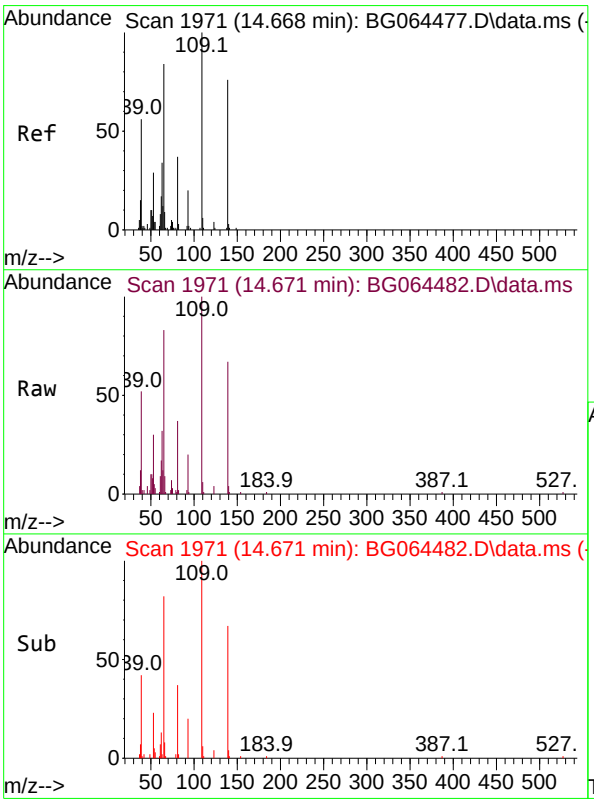
Ion	Ratio	Lower	Upper
168	100		
139	44.3	34.0	51.0
169	13.7	10.2	15.2



Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Manual Integrations
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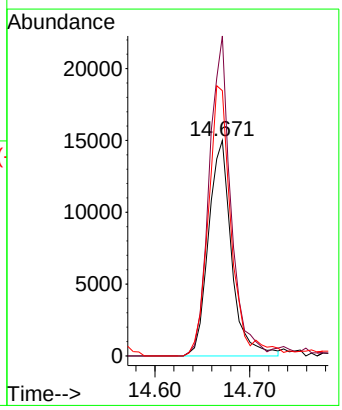
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

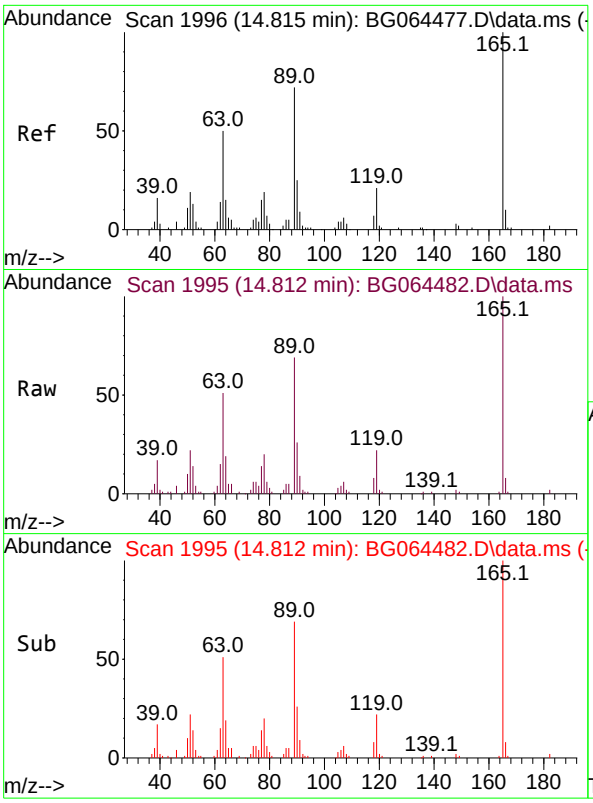


#56
4-Nitrophenol
Concen: 39.712 ng
RT: 14.671 min Scan# 1971
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:139 Resp: 25265

Ion	Ratio	Lower	Upper
139	100		
109	148.6	111.8	151.8
65	123.1	91.1	131.1

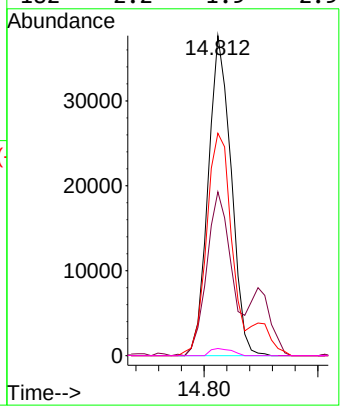




#57
2,4-Dinitrotoluene
Concen: 39.388 ng
RT: 14.812 min Scan# 19
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:165 Resp: 5275

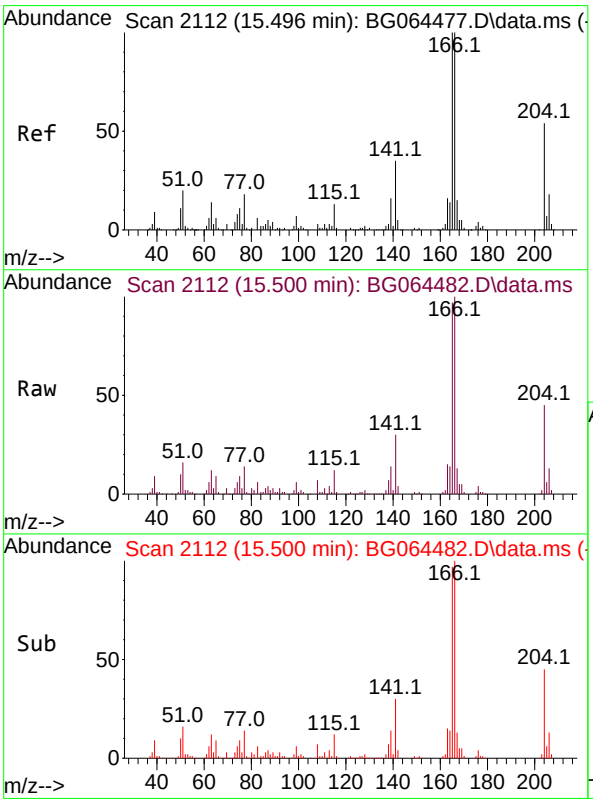
Ion	Ratio	Lower	Upper
165	100		
63	51.2	40.4	60.6
89	69.5	57.3	85.9
182	2.2	1.9	2.9



Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Manual Integrations
APPROVED

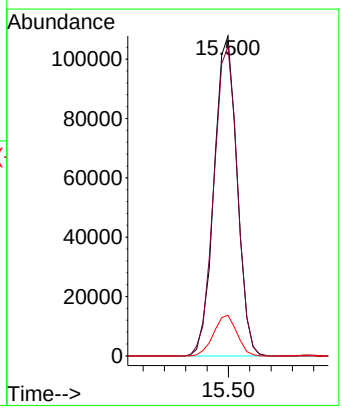
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

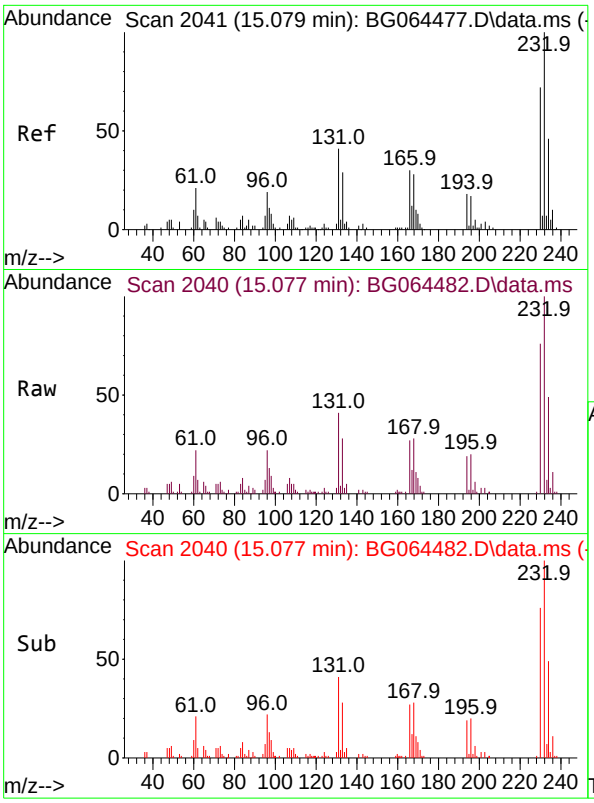


#58
Fluorene
Concen: 39.456 ng
RT: 15.500 min Scan# 2112
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:166 Resp: 161086

Ion	Ratio	Lower	Upper
166	100		
165	96.6	79.8	119.6
167	12.7	11.7	17.5

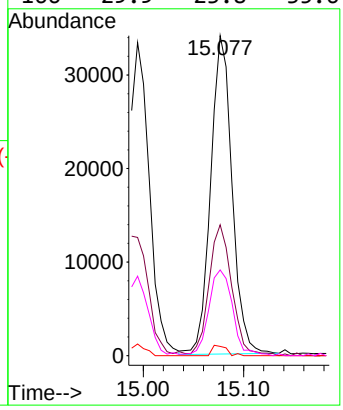




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.021 ng
RT: 15.077 min Scan# 2
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:232 Resp: 5054

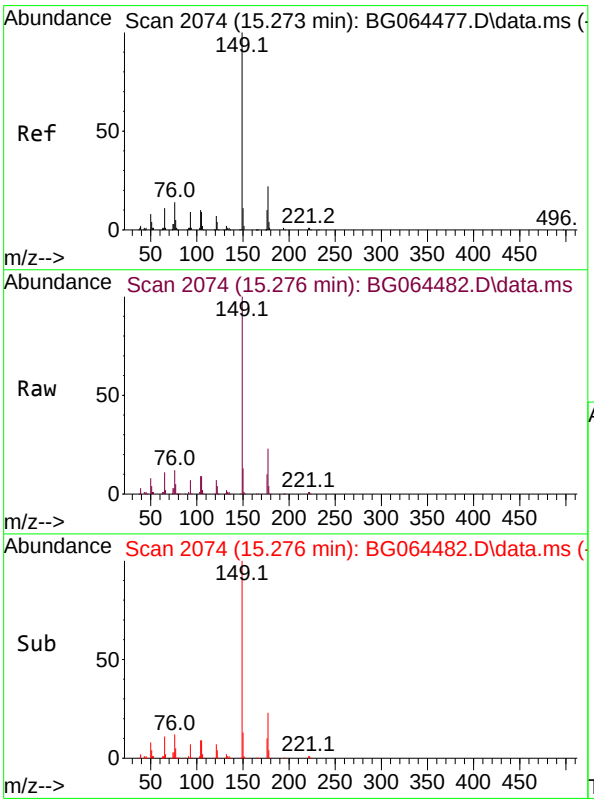
Ion	Ratio	Lower	Upper
232	100		
131	43.8	35.0	52.4
130	2.2	2.0	3.0
166	29.9	23.8	35.6



Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Manual Integrations
APPROVED

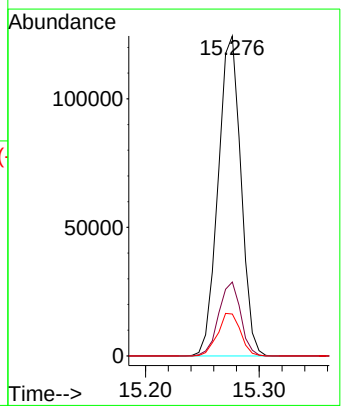
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

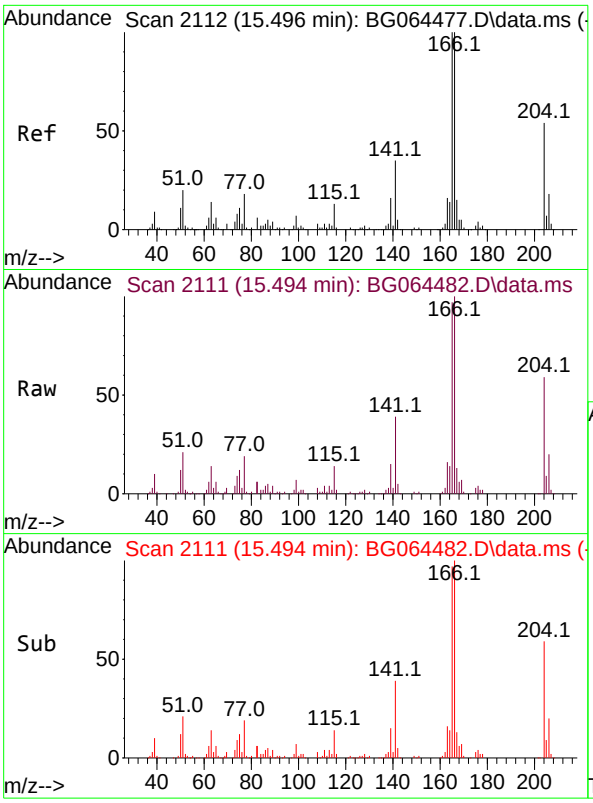


#60
Diethylphthalate
Concen: 38.317 ng
RT: 15.276 min Scan# 2074
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:149 Resp: 172891

Ion	Ratio	Lower	Upper
149	100		
177	23.1	17.4	26.0
150	13.1	9.1	13.7

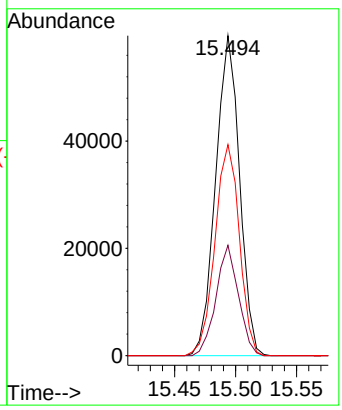




#61
4-Chlorophenyl-phenylether
Concen: 36.432 ng
RT: 15.494 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:204 Resp: 8120

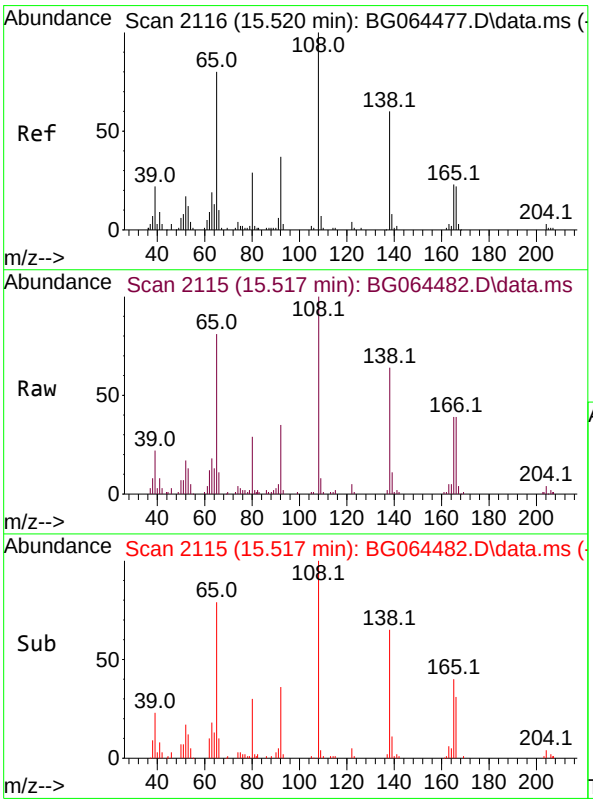
Ion	Ratio	Lower	Upper
204	100		
206	34.5	27.1	40.7
141	65.9	51.5	77.3



Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Manual Integrations
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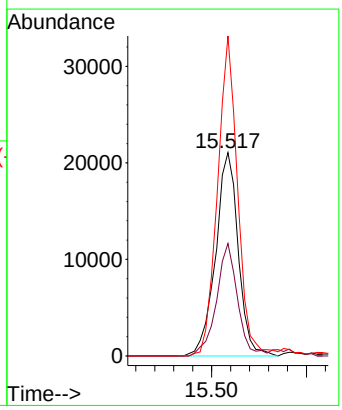
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

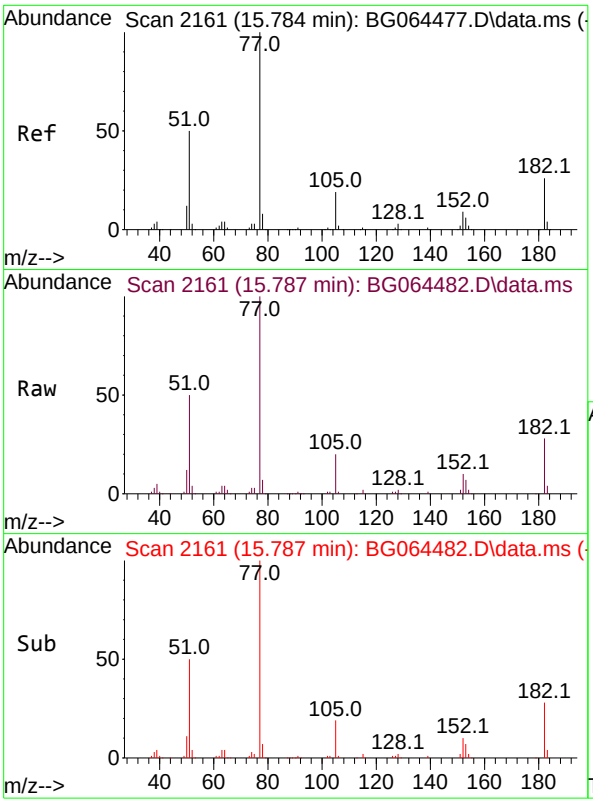


#62
4-Nitroaniline
Concen: 41.435 ng
RT: 15.517 min Scan# 2115
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:138 Resp: 34897

Ion	Ratio	Lower	Upper
138	100		
92	55.3	42.3	82.3
108	157.4	147.7	187.7

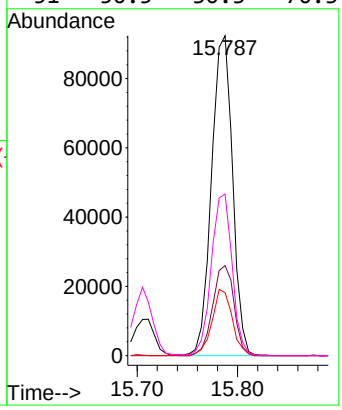




#63
Azobenzene
Concen: 38.553 ng
RT: 15.787 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion: 77 Resp: 13472

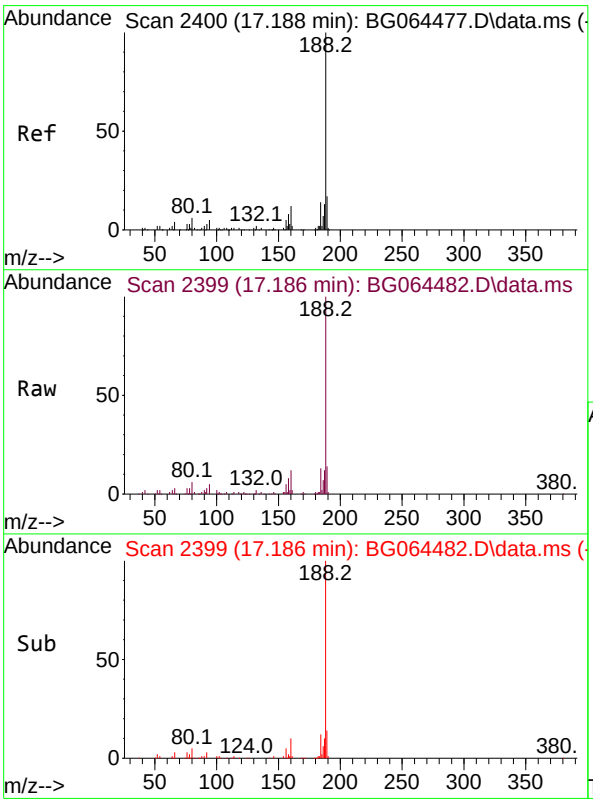
Ion	Ratio	Lower	Upper
77	100		
182	28.1	6.3	46.3
105	19.7	0.0	38.7
51	50.5	30.3	70.3



Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Manual Integrations APPROVED

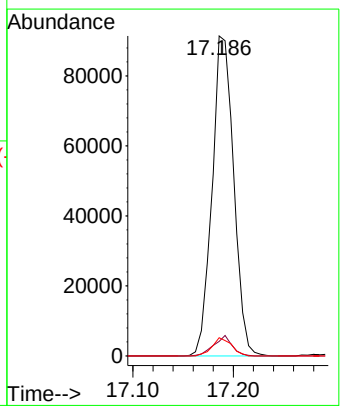
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

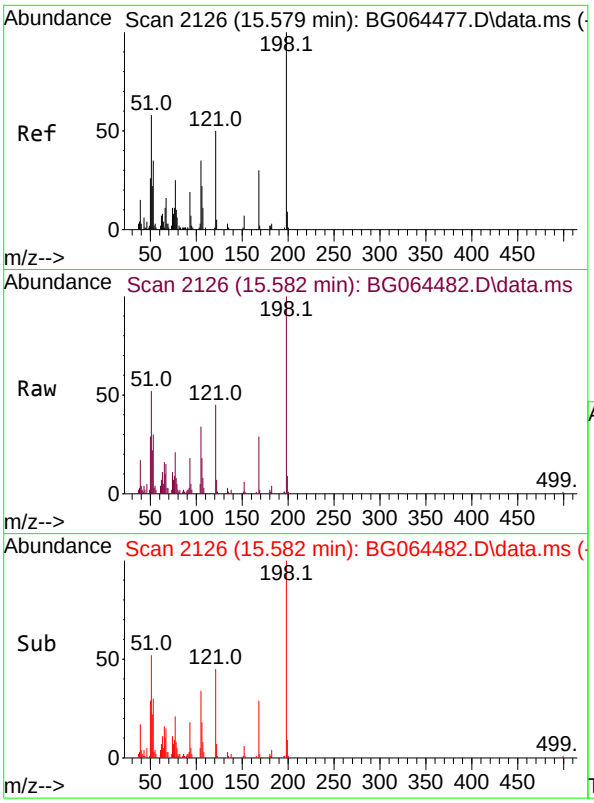


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.186 min Scan# 2399
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:188 Resp: 136982

Ion	Ratio	Lower	Upper
188	100		
94	4.5	3.7	5.5
80	5.7	4.5	6.7





#65
4,6-Dinitro-2-methylphenol
Concen: 37.834 ng
RT: 15.582 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

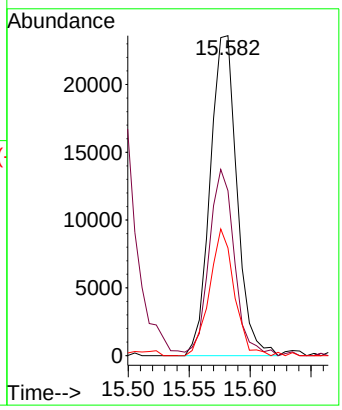
Tgt Ion:198 Resp: 3608

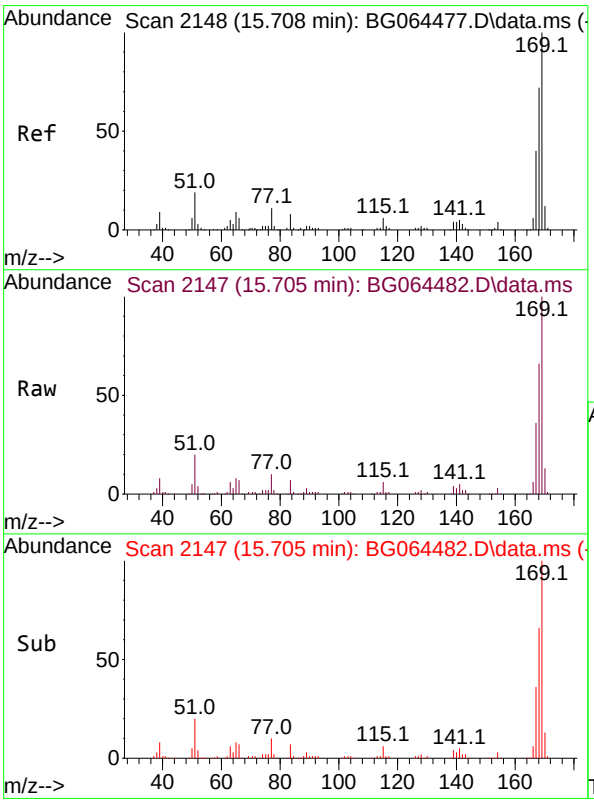
Ion	Ratio	Lower	Upper
198	100		
51	51.5	39.0	79.0
105	33.6	15.8	55.8

Instrument :
BNA_G
ClientSampleId :
ICVBG100225

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Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

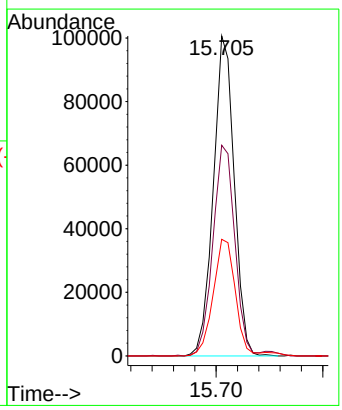


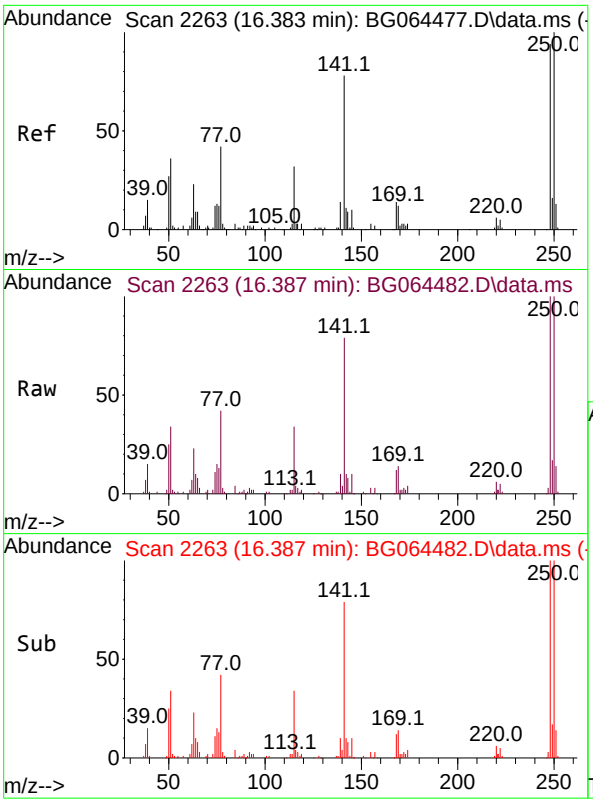


#66
n-Nitrosodiphenylamine
Concen: 37.465 ng
RT: 15.705 min Scan# 2147
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:169 Resp: 137047

Ion	Ratio	Lower	Upper
169	100		
168	65.8	57.8	86.6
167	36.4	31.7	47.5

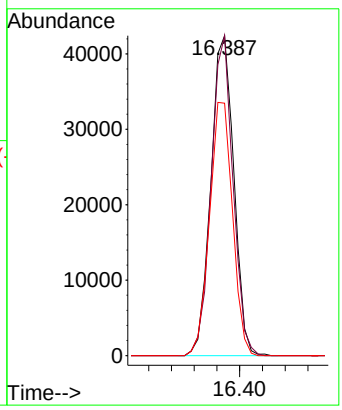




#67
4-Bromophenyl-phenylether
Concen: 36.819 ng
RT: 16.387 min Scan# 2
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:248 Resp: 5935

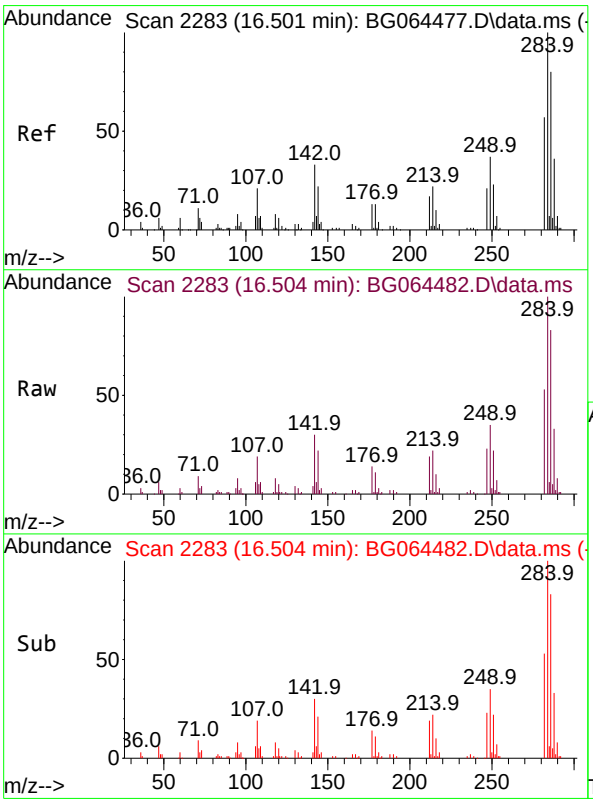
Ion	Ratio	Lower	Upper
248	100		
250	100.0	85.3	127.9
141	78.9	66.2	99.2



Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Manual Integrations
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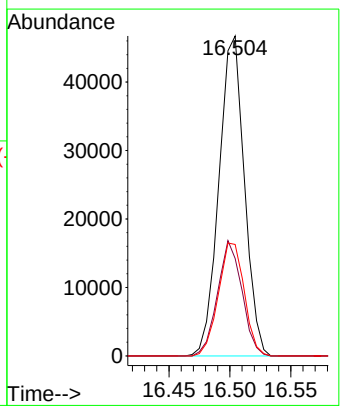
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

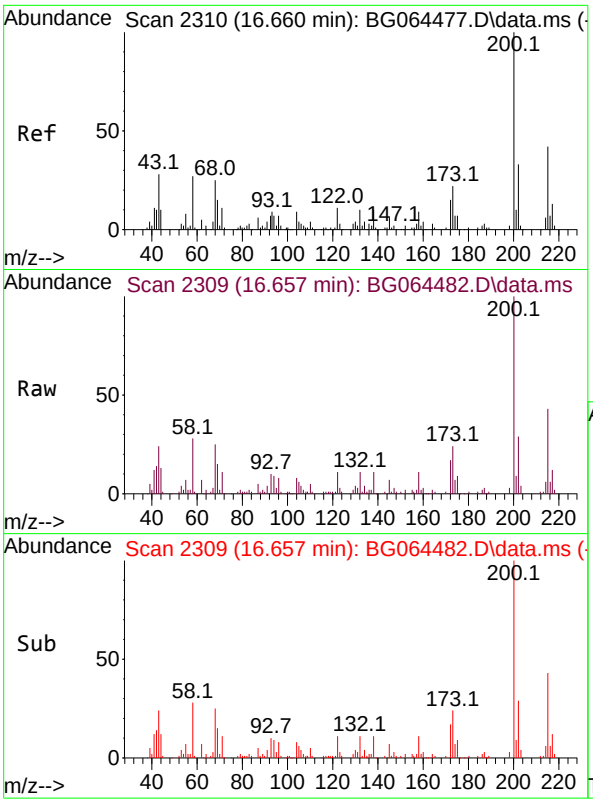


#68
Hexachlorobenzene
Concen: 36.821 ng
RT: 16.504 min Scan# 2283
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:284 Resp: 67918

Ion	Ratio	Lower	Upper
284	100		
142	30.4	26.2	39.2
249	34.8	29.4	44.0

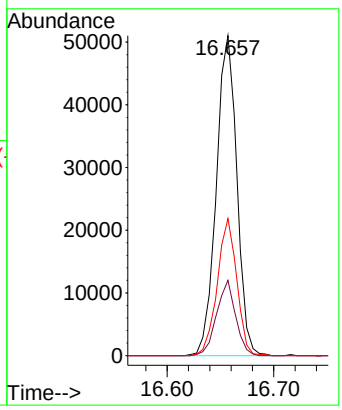




#69
Atrazine
Concen: 42.076 ng
RT: 16.657 min Scan# 2
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:200 Resp: 6847

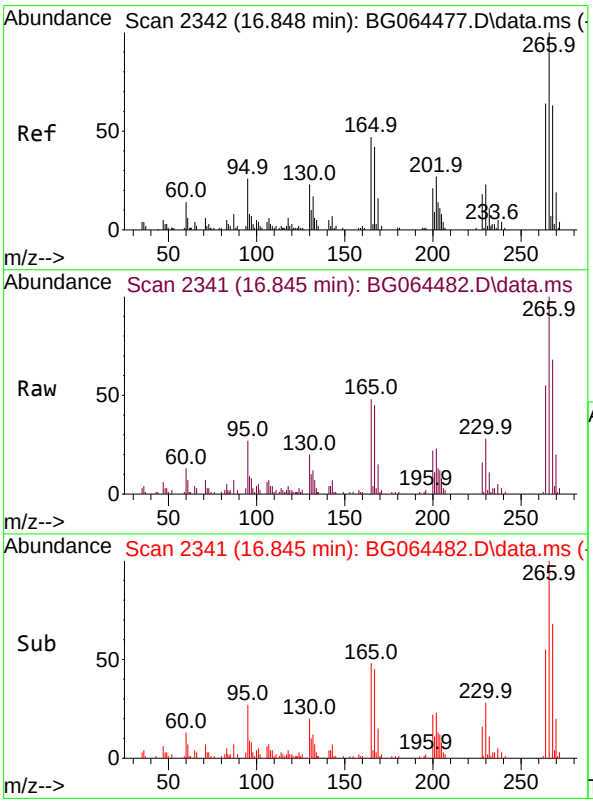
Ion	Ratio	Lower	Upper
200	100		
173	23.5	2.5	42.5
215	42.8	21.5	61.5



Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Manual Integrations APPROVED

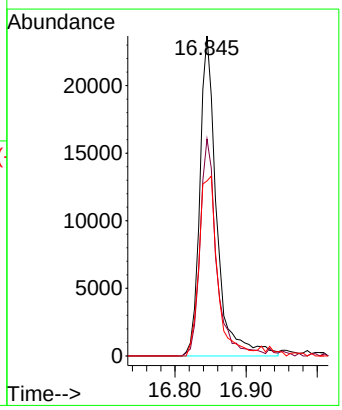
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

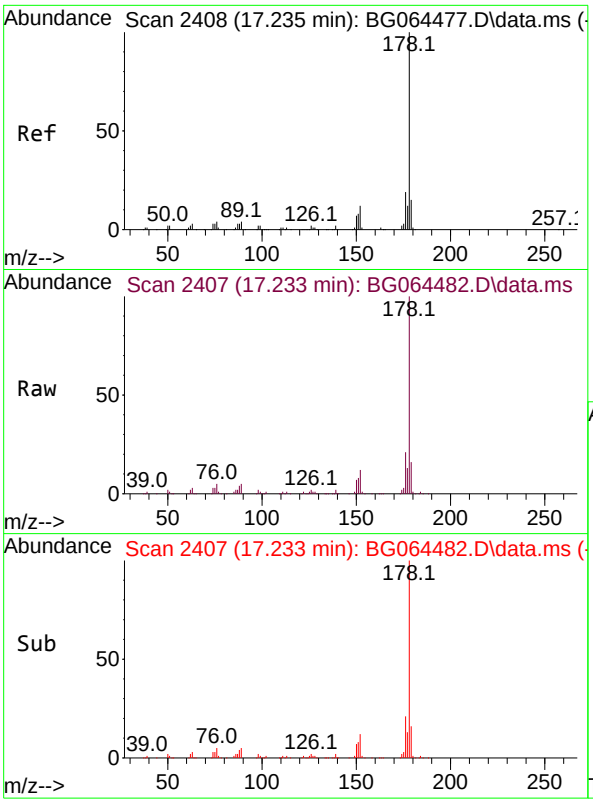


#70
Pentachlorophenol
Concen: 36.025 ng
RT: 16.845 min Scan# 2341
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:266 Resp: 38853

Ion	Ratio	Lower	Upper
266	100		
268	67.8	50.6	75.8
264	54.7	51.2	76.8

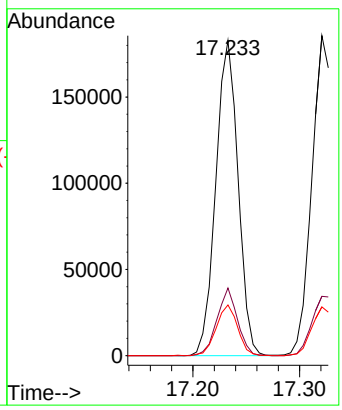




#71
Phenanthrene
Concen: 37.108 ng
RT: 17.233 min Scan# 24
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:178 Resp: 26582

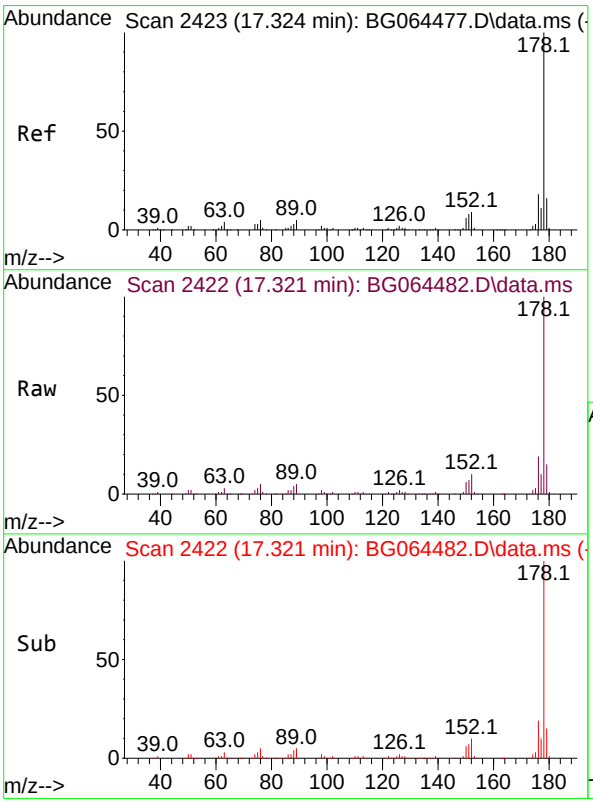
Ion	Ratio	Lower	Upper
178	100		
176	21.5	15.2	22.8
179	16.0	11.8	17.6



Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Manual Integrations APPROVED

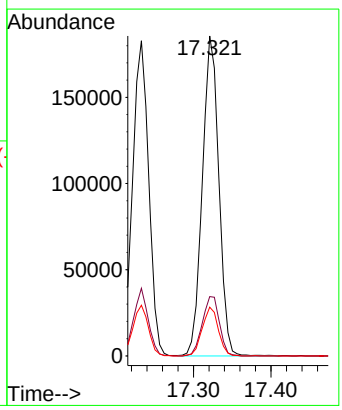
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

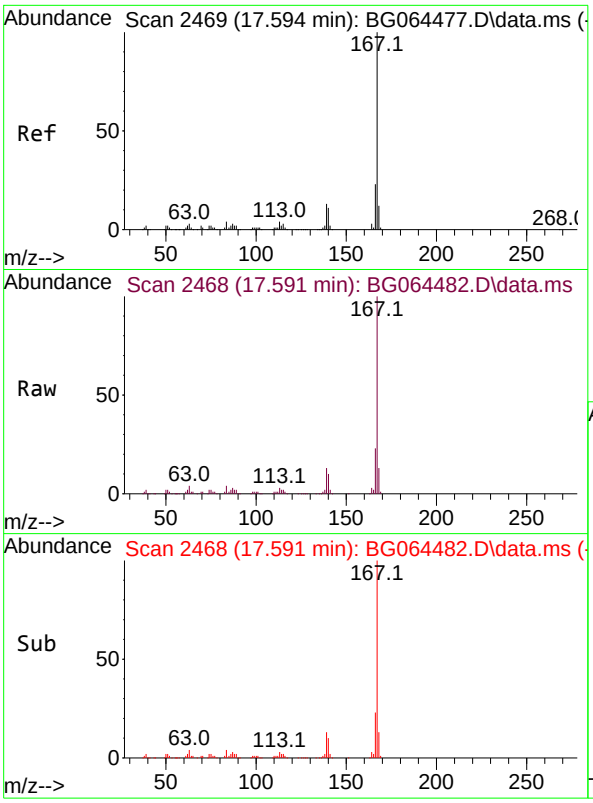


#72
Anthracene
Concen: 38.159 ng
RT: 17.321 min Scan# 2422
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:178 Resp: 274231

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	21.8
179	15.2	12.5	18.7

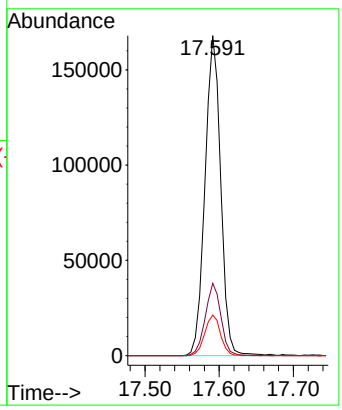




#73
Carbazole
Concen: 39.673 ng
RT: 17.591 min Scan# 24
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:167 Resp: 24644

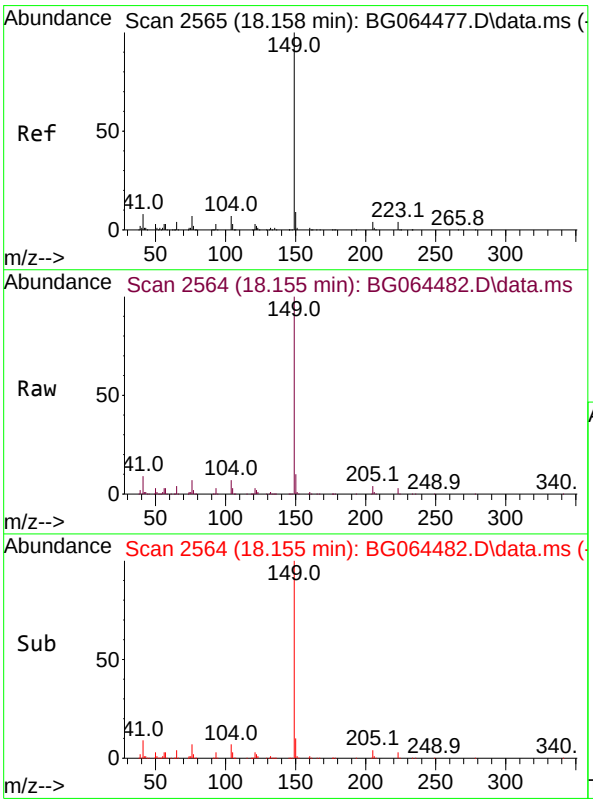
Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.6	27.8
139	12.7	10.2	15.4



Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Manual Integrations APPROVED

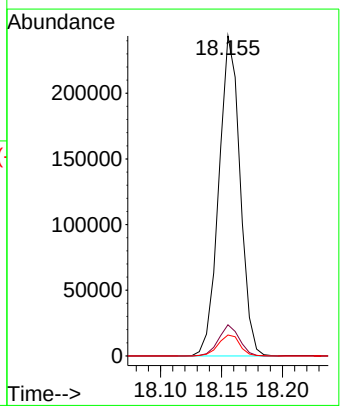
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

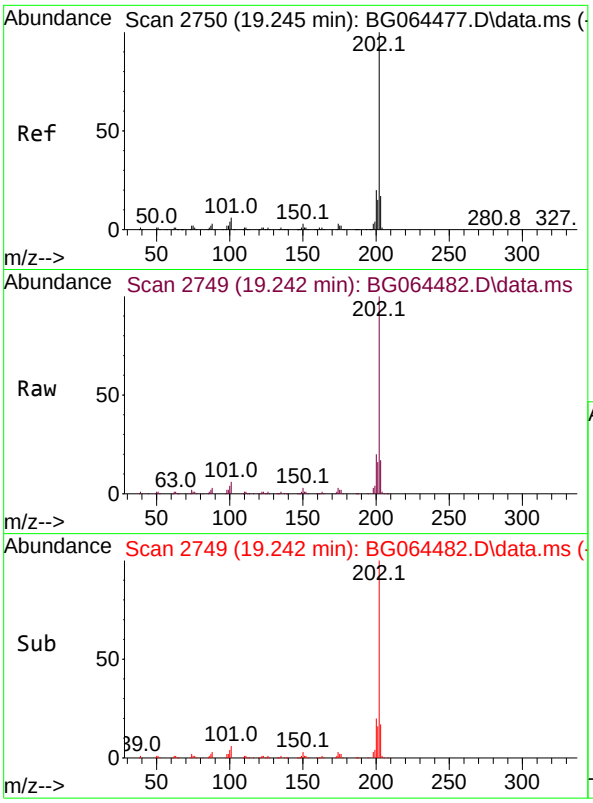


#74
Di-n-butylphthalate
Concen: 38.852 ng
RT: 18.155 min Scan# 2564
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:149 Resp: 294614

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.4	11.2
104	6.5	5.3	7.9

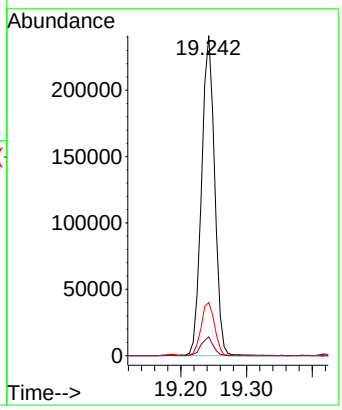




#75
Fluoranthene
Concen: 38.739 ng
RT: 19.242 min Scan# 2
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:202 Resp: 33153

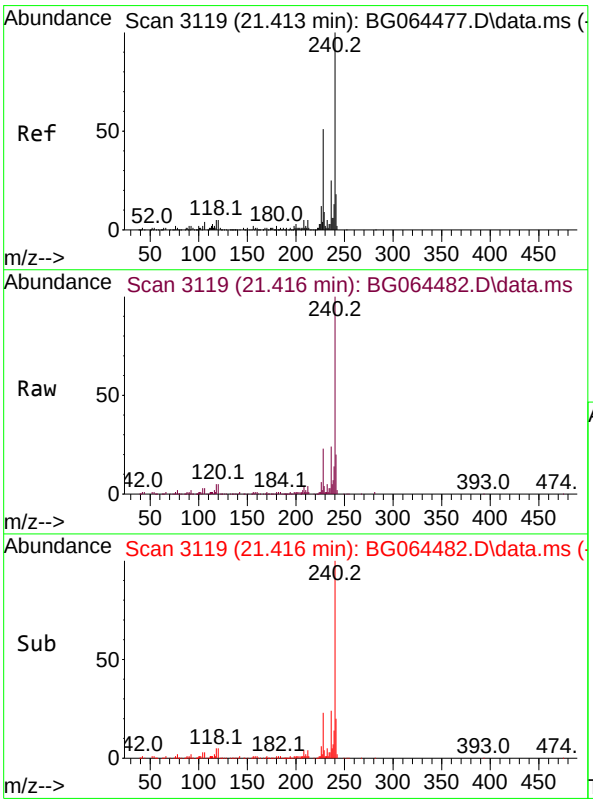
Ion	Ratio	Lower	Upper
202	100		
101	5.9	0.0	25.7
203	16.6	0.0	36.6



Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Manual Integrations
APPROVED

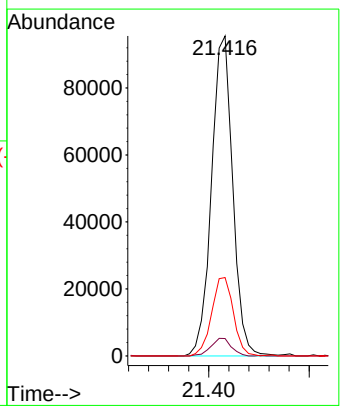
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

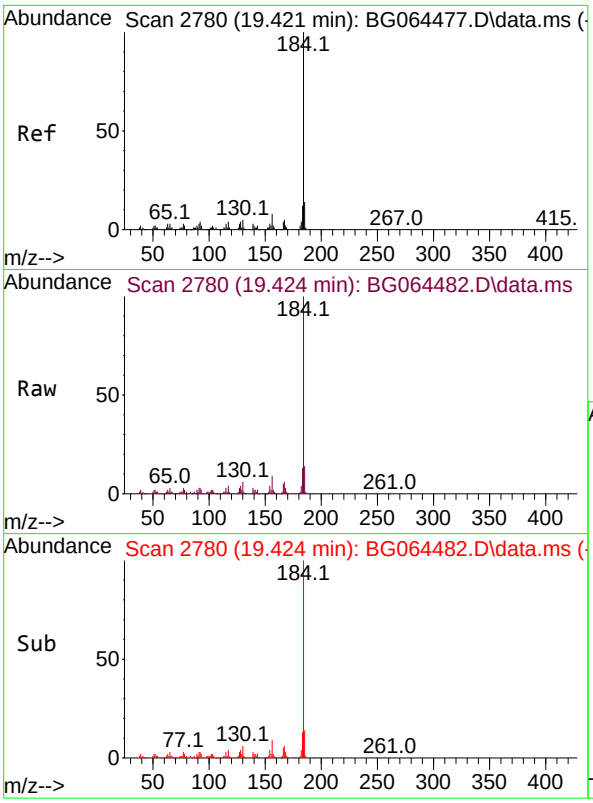


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.416 min Scan# 3119
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:240 Resp: 140392

Ion	Ratio	Lower	Upper
240	100		
120	5.4	4.3	6.5
236	24.5	20.4	30.6

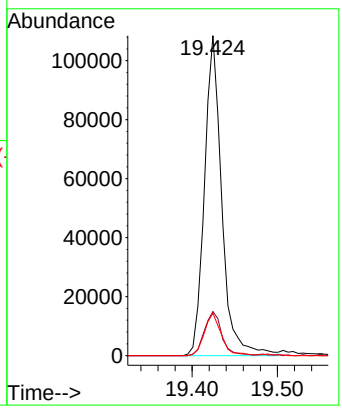




#77
Benzidine
Concen: 43.772 ng
RT: 19.424 min Scan# 2
Delta R.T. -0.001 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:184 Resp: 15291

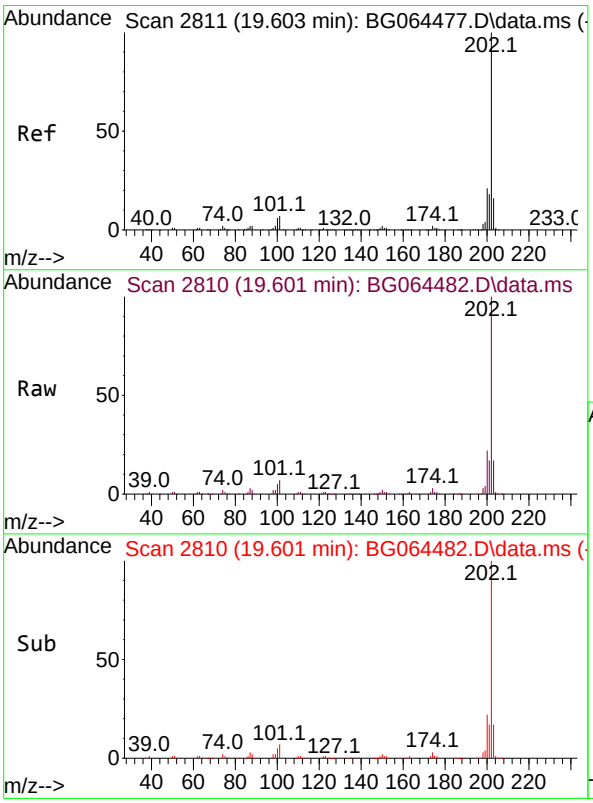
Ion	Ratio	Lower	Upper
184	100		
185	13.8	10.9	16.3
183	13.3	9.8	14.6



Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Manual Integrations APPROVED

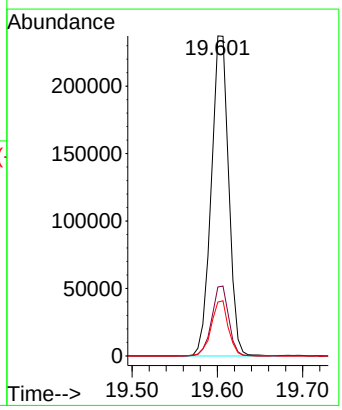
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

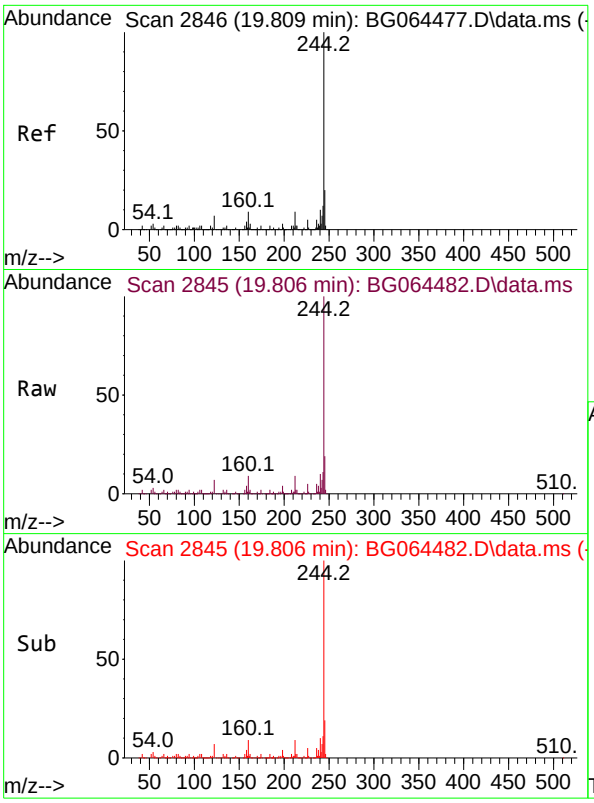


#78
Pyrene
Concen: 36.856 ng
RT: 19.601 min Scan# 2810
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:202 Resp: 335798

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.0	25.4
203	16.8	13.0	19.4

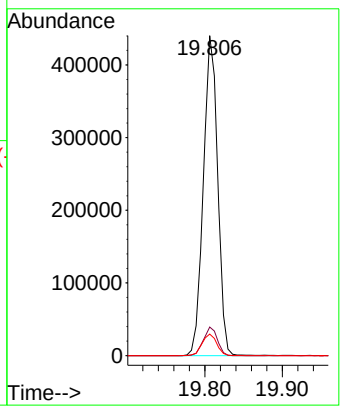




#79
Terphenyl-d14
Concen: 76.071 ng
RT: 19.806 min Scan# 2
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:244 Resp: 56432

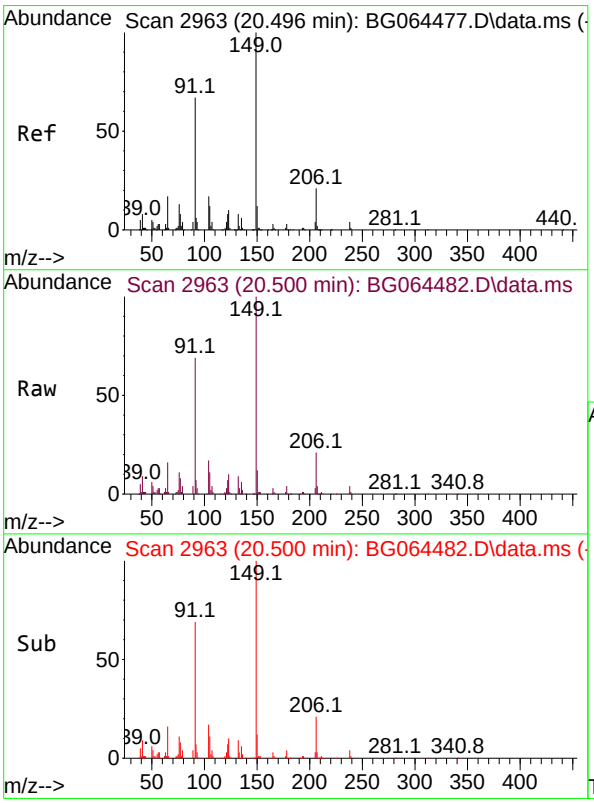
Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	6.7	5.6	8.4



Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Manual Integrations APPROVED

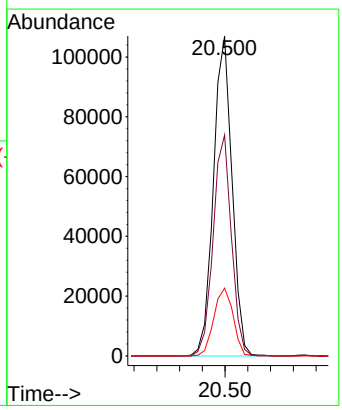
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

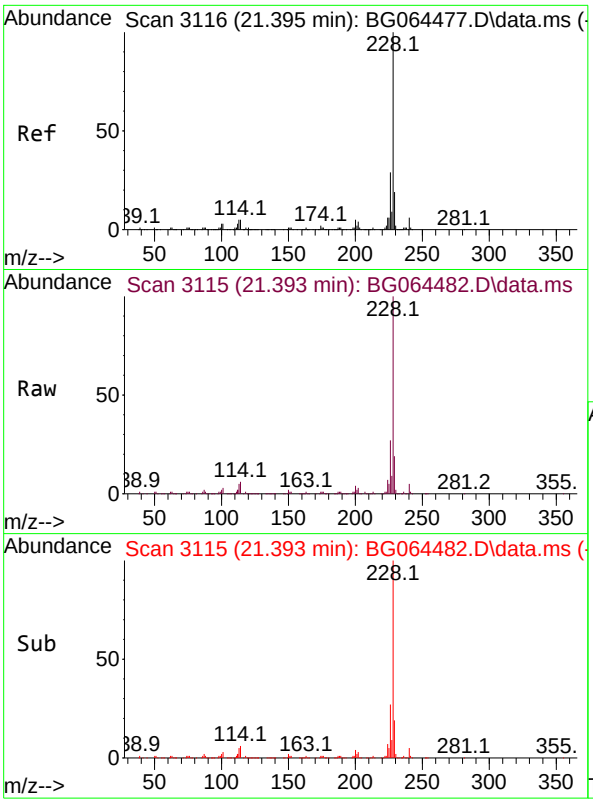


#80
Butylbenzylphthalate
Concen: 37.565 ng
RT: 20.500 min Scan# 2963
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:149 Resp: 121325

Ion	Ratio	Lower	Upper
149	100		
91	69.0	53.7	80.5
206	21.2	16.6	24.8

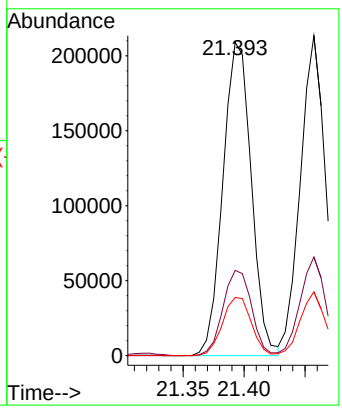




#81
Benzo(a)anthracene
Concen: 37.867 ng
RT: 21.393 min Scan# 3
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:228 Resp: 33944

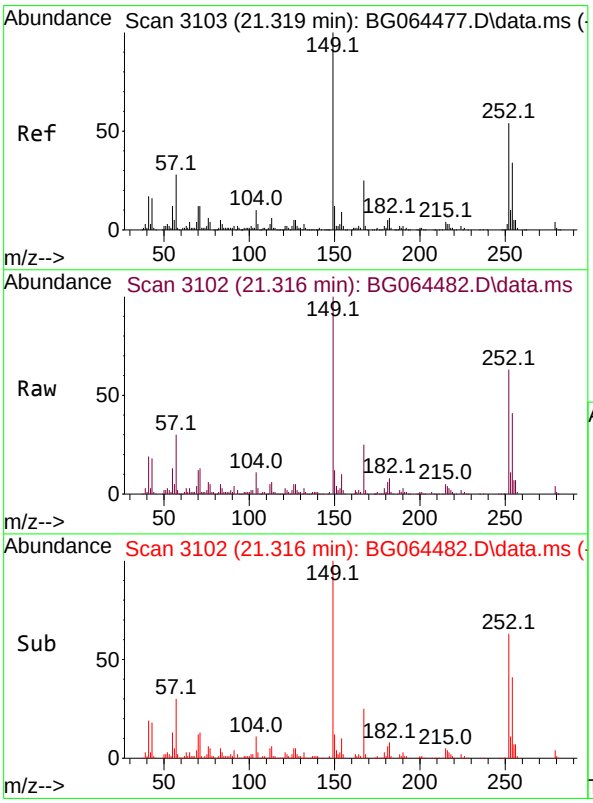
Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.8	34.2
229	18.6	15.2	22.8



Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Manual Integrations APPROVED

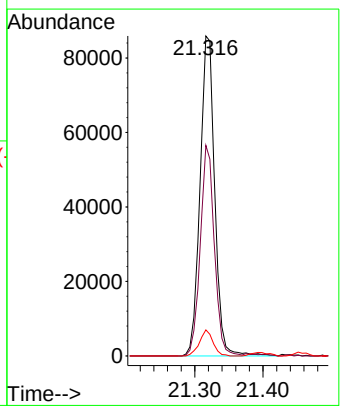
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

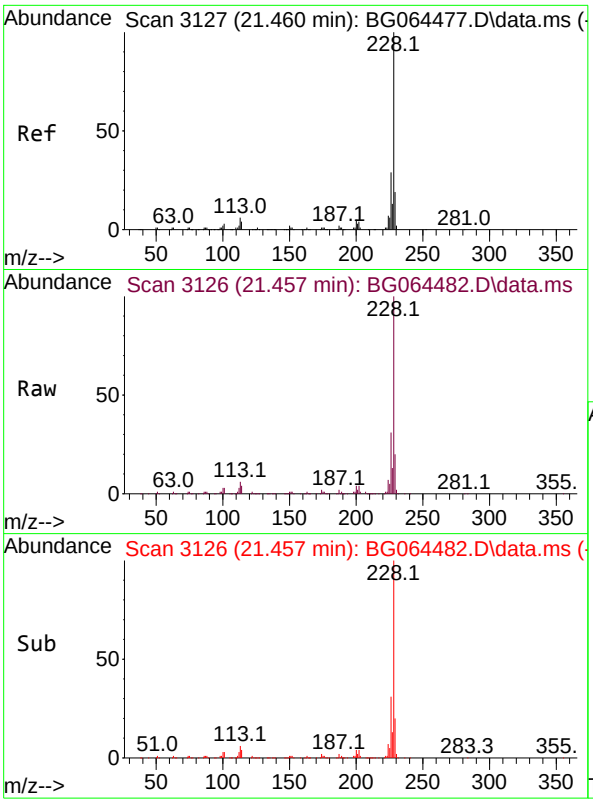


#82
3,3'-Dichlorobenzidine
Concen: 42.355 ng
RT: 21.316 min Scan# 3102
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:252 Resp: 128504

Ion	Ratio	Lower	Upper
252	100		
254	65.8	50.5	75.7
126	8.1	7.1	10.7

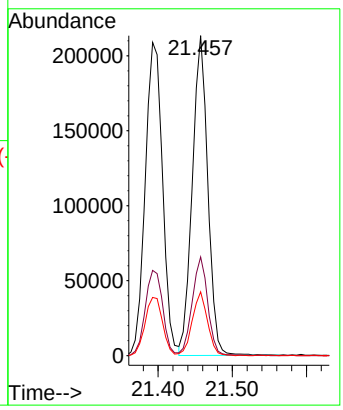




#83
Chrysene
Concen: 36.434 ng
RT: 21.457 min Scan# 31
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:228 Resp: 30973

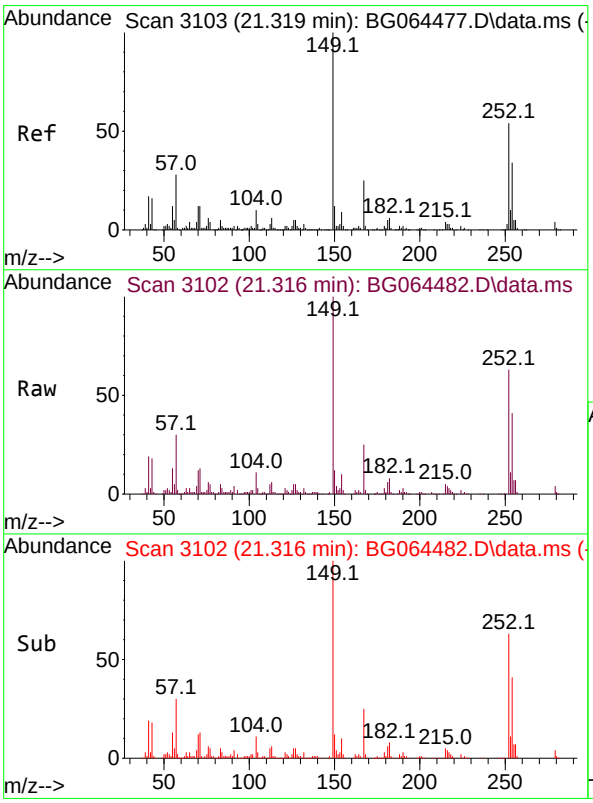
Ion	Ratio	Lower	Upper
228	100		
226	30.8	22.8	34.2
229	19.9	15.4	23.0



Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Manual Integrations
APPROVED

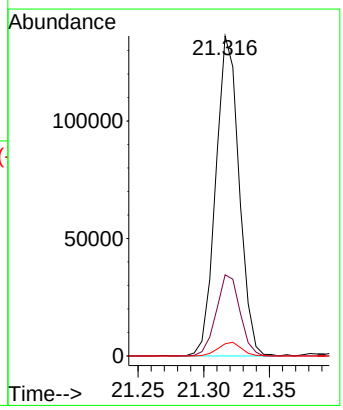
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

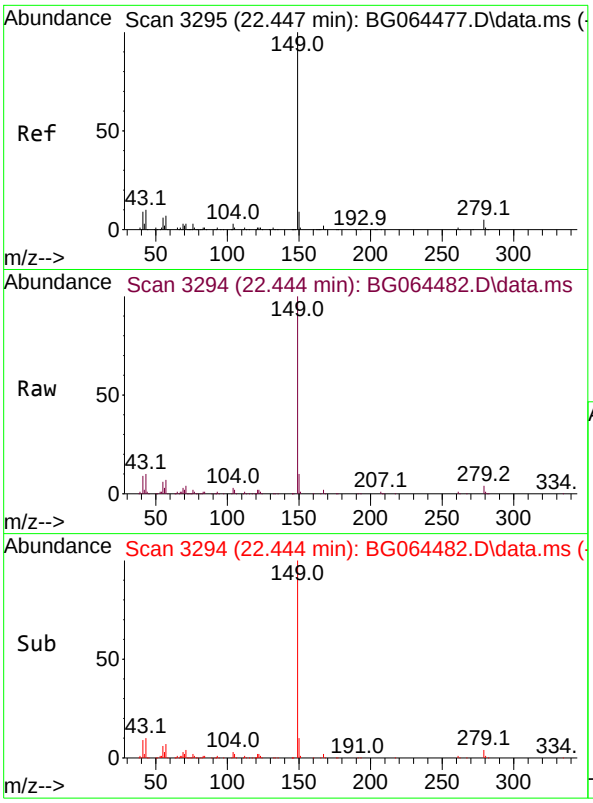


#84
Bis(2-ethylhexyl)phthalate
Concen: 37.082 ng
RT: 21.316 min Scan# 3102
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:149 Resp: 168982

Ion	Ratio	Lower	Upper
149	100		
167	25.3	19.7	29.5
279	3.8	3.4	5.2

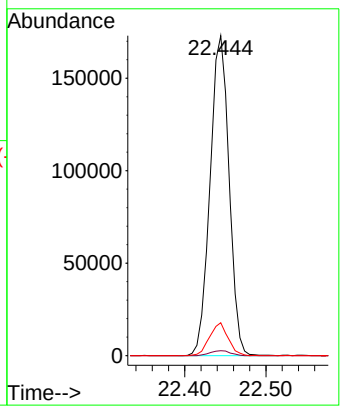




#85
Di-n-octyl phthalate
Concen: 36.720 ng
RT: 22.444 min Scan# 3
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:149 Resp: 28123

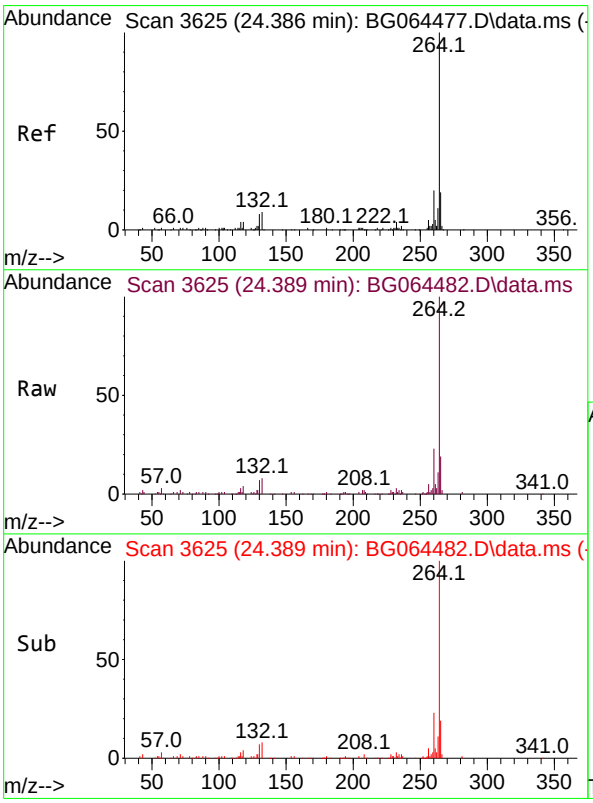
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	10.0	7.9	11.9



Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Manual Integrations APPROVED

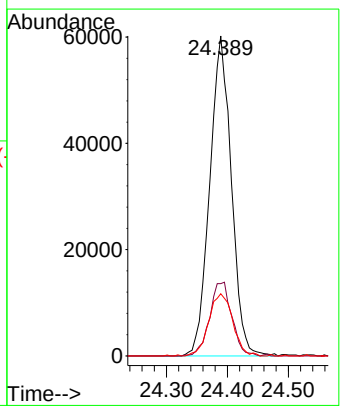
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

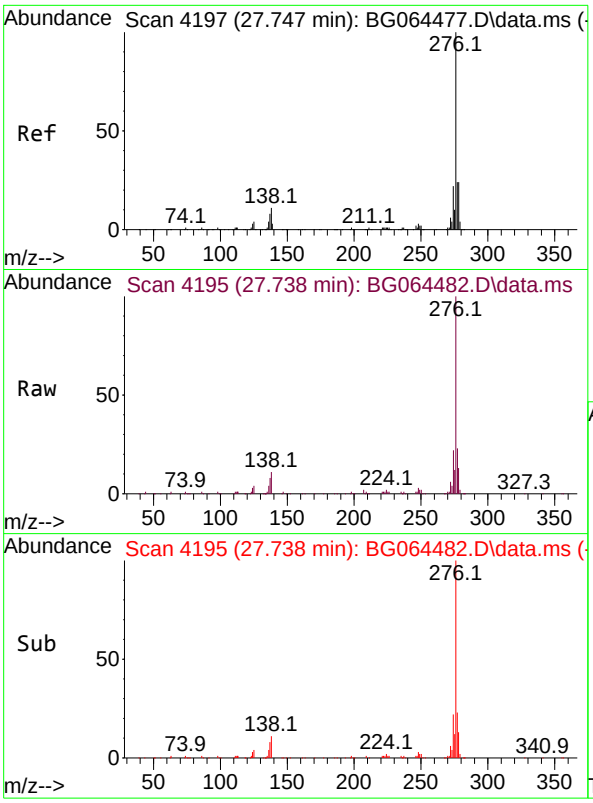


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.389 min Scan# 3625
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:264 Resp: 148372

Ion	Ratio	Lower	Upper
264	100		
260	22.6	16.2	24.4
265	19.4	15.0	22.4

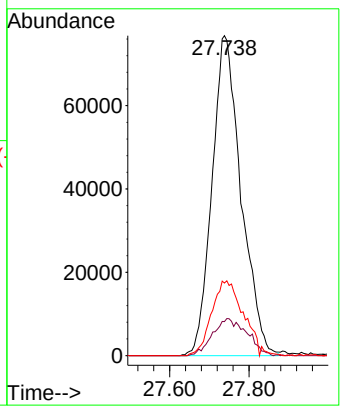




#87
Indeno(1,2,3-cd)pyrene
Concen: 37.816 ng
RT: 27.738 min Scan# 41
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:276 Resp: 390549

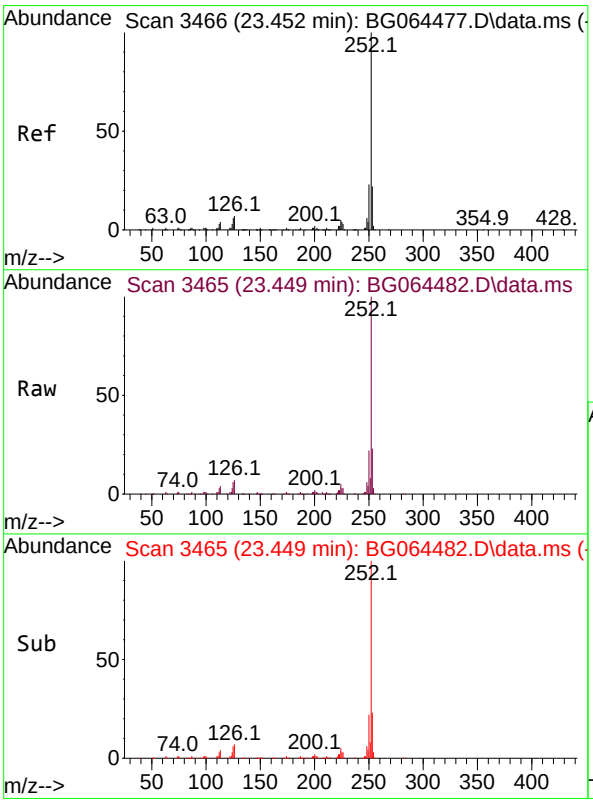
Ion	Ratio	Lower	Upper
276	100		
138	13.6	10.8	16.2
277	25.8	20.3	30.5



Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Manual Integrations APPROVED

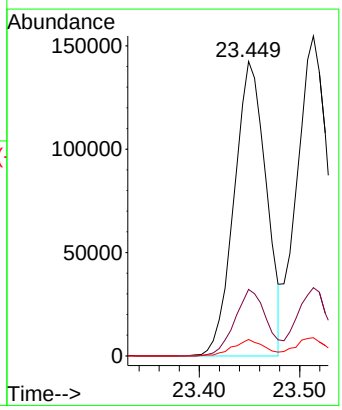
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

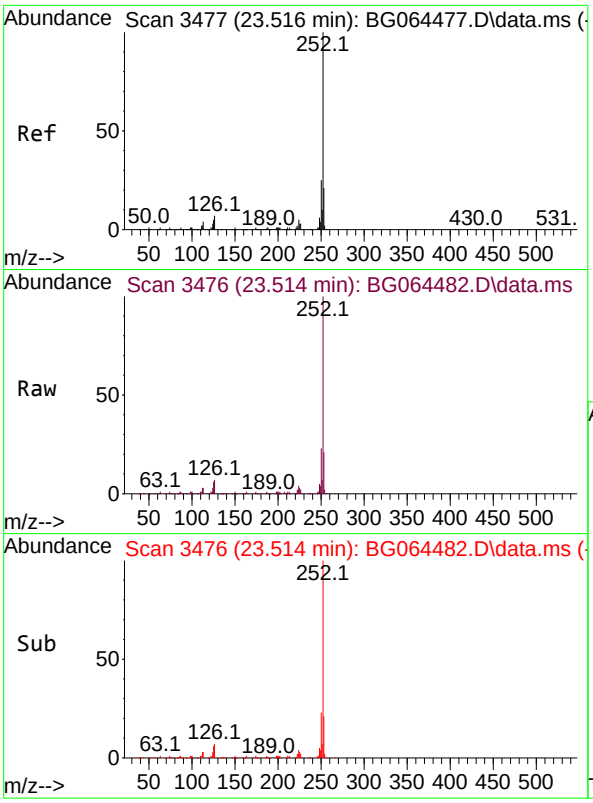


#88
Benzo(b)fluoranthene
Concen: 37.423 ng
RT: 23.449 min Scan# 3465
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:252 Resp: 315880

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	5.6	4.5	6.7

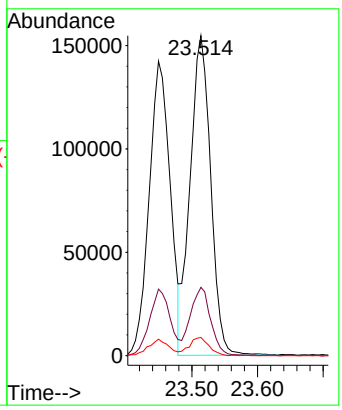




#89
Benzo(k)fluoranthene
Concen: 39.643 ng
RT: 23.514 min Scan# 34
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:252 Resp: 33701

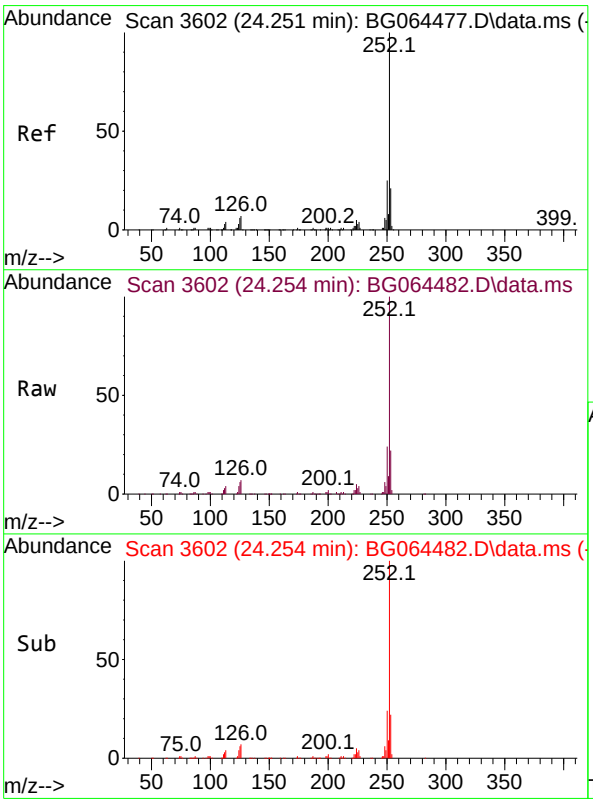
Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.4	26.2
125	5.7	4.0	6.0



Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Manual Integrations APPROVED

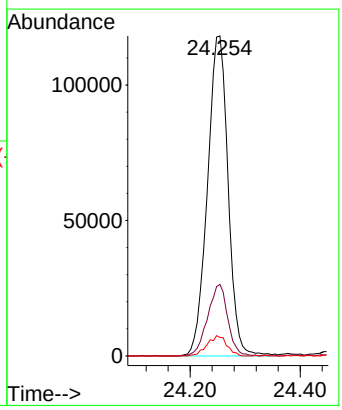
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

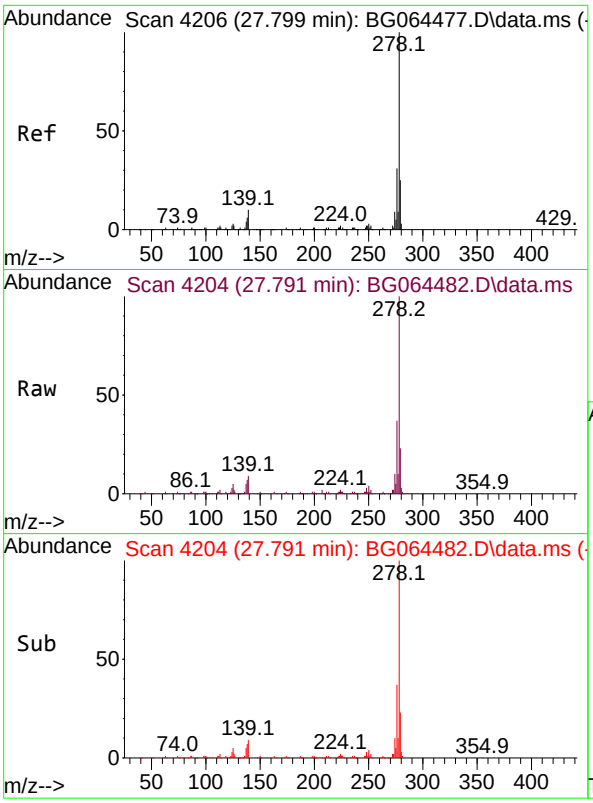


#90
Benzo(a)pyrene
Concen: 39.468 ng
RT: 24.254 min Scan# 3602
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:252 Resp: 307034

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	5.8	4.6	6.8

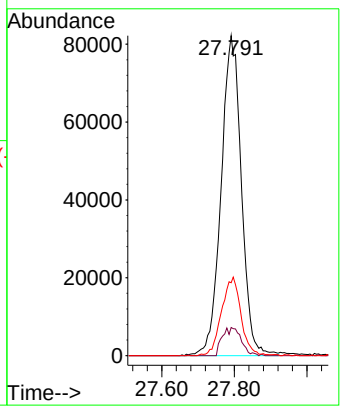




#91
Dibenzo(a,h)anthracene
Concen: 38.585 ng
RT: 27.791 min Scan# 4
Delta R.T. 0.012 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:278 Resp: 31867

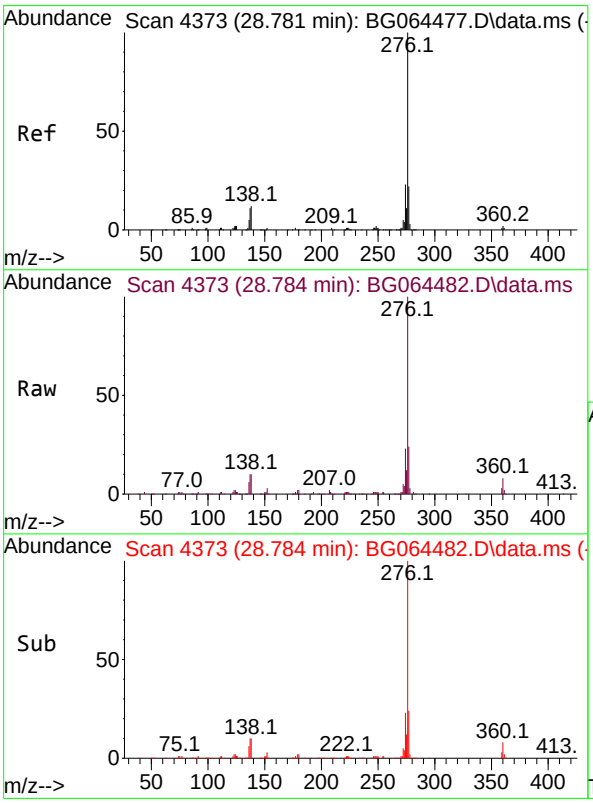
Ion	Ratio	Lower	Upper
278	100		
139	8.8	8.2	12.2
279	22.8	19.6	29.4



Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Manual Integrations APPROVED

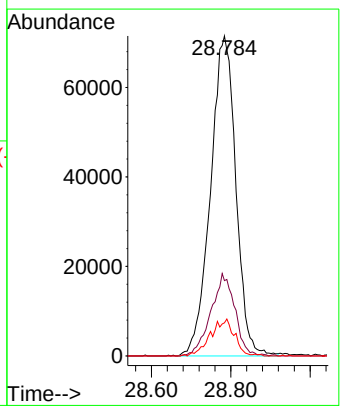
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#92
Benzo(g,h,i)perylene
Concen: 39.498 ng
RT: 28.784 min Scan# 4373
Delta R.T. 0.017 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:276 Resp: 317018

Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.8	26.6
138	10.3	9.4	14.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
Data File : BG064482.D
Acq On : 2 Oct 2025 18:09
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Quant Time: Oct 02 18:56:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 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	91	0.00
2		1,4-Dioxane	0.427	0.392	8.2	81	0.00
3		Pyridine	1.149	1.017	11.5	75	0.00
4		n-Nitrosodimethylamine	0.833	0.813	2.4	86	0.00
5	S	2-Fluorophenol	1.081	1.018	5.8	78	0.00
6		Aniline	1.832	1.883	-2.8	85	0.00
7	S	Phenol-d6	1.452	1.407	3.1	79	0.01
8		2-Chlorophenol	1.327	1.231	7.2	77	0.00
9		Benzaldehyde	1.289	1.040	19.3	62	0.00
10	C	Phenol	1.532	1.471	4.0	80	0.00
11		bis(2-Chloroethyl)ether	1.038	0.969	6.6	78	0.00
12		1,3-Dichlorobenzene	1.452	1.361	6.3	78	0.00
13	C	1,4-Dichlorobenzene	1.457	1.452	0.3	84	0.00
14		1,2-Dichlorobenzene	1.436	1.381	3.8	82	0.00
15		Benzyl Alcohol	1.337	1.363	-1.9	86	0.00
16		2,2'-oxybis(1-Chloropropane	1.672	1.597	4.5	81	0.01
17		2-Methylphenol	1.109	1.069	3.6	80	0.00
18		Hexachloroethane	0.575	0.545	5.2	82	0.00
19	P	n-Nitroso-di-n-propylamine	0.971	0.995	-2.5	83	0.01
20		3+4-Methylphenols	1.548	1.505	2.8	81	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	92	0.00
22		Acetophenone	0.484	0.483	0.2	86	0.00
23	S	Nitrobenzene-d5	0.372	0.339	8.9	79	0.01
24		Nitrobenzene	0.371	0.345	7.0	80	0.00
25		Isophorone	0.674	0.660	2.1	84	0.01
26	C	2-Nitrophenol	0.185	0.163	11.9	78	0.00
27		2,4-Dimethylphenol	0.282	0.296	-5.0	91	0.00
28		bis(2-Chloroethoxy)methane	0.343	0.331	3.5	81	0.00
29	C	2,4-Dichlorophenol	0.326	0.317	2.8	85	0.00
30		1,2,4-Trichlorobenzene	0.356	0.344	3.4	84	0.00
31		Naphthalene	1.030	0.991	3.8	82	0.00
32		Benzoic acid	0.216	0.218	-0.9	87	0.05
33		4-Chloroaniline	0.395	0.423	-7.1	93	0.00
34	C	Hexachlorobutadiene	0.304	0.278	8.6	81	0.00
35		Caprolactam	0.112	0.108	3.6	86	0.02
36	C	4-Chloro-3-methylphenol	0.397	0.381	4.0	83	0.00
37		2-Methylnaphthalene	0.791	0.696	12.0	76	0.00
38		1-Methylnaphthalene	0.788	0.728	7.6	81	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	95	0.00
40		1,2,4,5-Tetrachlorobenzene	0.646	0.622	3.7	84	0.00
41	P	Hexachlorocyclopentadiene	0.338	0.426	-26.0#	112	0.00
42	S	2,4,6-Tribromophenol	0.363	0.348	4.1	87	0.00
43	C	2,4,6-Trichlorophenol	0.413	0.403	2.4	86	0.00
44		2,4,5-Trichlorophenol	0.461	0.436	5.4	85	0.00
45	S	2-Fluorobiphenyl	1.357	1.264	6.9	84	0.00
46		1,1'-Biphenyl	1.438	1.393	3.1	87	0.00
47		2-Chloronaphthalene	1.074	1.013	5.7	84	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
Data File : BG064482.D
Acq On : 2 Oct 2025 18:09
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Quant Time: Oct 02 18:56:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 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	0.367	0.359	2.2	86	0.00
49		Acenaphthylene	1.594	1.747	-9.6	98	0.00
50		Dimethylphthalate	1.566	1.484	5.2	87	0.00
51		2,6-Dinitrotoluene	0.326	0.316	3.1	89	0.00
52	C	Acenaphthene	1.108	1.015	8.4	83	0.00
53		3-Nitroaniline	0.301	0.306	-1.7	91	0.00
54	P	2,4-Dinitrophenol	0.237	0.198	16.5	91	0.00
55		Dibenzofuran	1.829	1.744	4.6	87	0.00
56	P	4-Nitrophenol	0.237	0.235	0.8	86	0.00
57		2,4-Dinitrotoluene	0.499	0.491	1.6	89	0.00
58		Fluorene	1.520	1.500	1.3	89	0.00
59		2,3,4,6-Tetrachlorophenol	0.470	0.471	-0.2	89	0.00
60		Diethylphthalate	1.680	1.610	4.2	89	0.00
61		4-Chlorophenyl-phenylether	0.830	0.756	8.9	83	0.00
62		4-Nitroaniline	0.314	0.325	-3.5	93	0.00
63		Azobenzene	1.301	1.254	3.6	89	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	100	0.00
65		4,6-Dinitro-2-methylphenol	0.139	0.132	5.0	91	0.00
66	c	n-Nitrosodiphenylamine	0.534	0.500	6.4	88	0.00
67		4-Bromophenyl-phenylether	0.235	0.217	7.7	85	0.00
68		Hexachlorobenzene	0.269	0.248	7.8	86	0.00
69		Atrazine	0.238	0.250	-5.0	100	0.00
70	C	Pentachlorophenol	0.157	0.142	9.6	84	0.00
71		Phenanthrene	1.046	0.970	7.3	87	0.00
72		Anthracene	1.049	1.001	4.6	89	0.00
73		Carbazole	0.907	0.900	0.8	91	0.00
74		Di-n-butylphthalate	1.107	1.075	2.9	90	0.00
75	C	Fluoranthene	1.250	1.210	3.2	91	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	102	0.00
77		Benzidine	0.498	0.545	-9.4	85	0.00
78		Pyrene	1.298	1.196	7.9	88	0.00
79	S	Terphenyl-d14	1.057	1.005	4.9	91	0.00
80		Butylbenzylphthalate	0.460	0.432	6.1	89	0.00
81		Benzo(a)anthracene	1.277	1.209	5.3	91	0.00
82		3,3'-Dichlorobenzidine	0.432	0.458	-6.0	102	0.00
83		Chrysene	1.211	1.103	8.9	87	0.00
84		Bis(2-ethylhexyl)phthalate	0.649	0.602	7.2	89	0.00
85	c	Di-n-octyl phthalate	1.091	1.002	8.2	88	0.00
86	I	Perylene-d12	1.000	1.000	0.0	101	0.00
87		Indeno(1,2,3-cd)pyrene	1.392	1.316	5.5	89	0.00
88		Benzo(b)fluoranthene	1.138	1.064	6.5	89	0.00
89		Benzo(k)fluoranthene	1.146	1.136	0.9	93	0.00
90	C	Benzo(a)pyrene	1.049	1.035	1.3	93	0.00
91		Dibenzo(a,h)anthracene	1.113	1.074	3.5	91	0.01
92		Benzo(g,h,i)perylene	1.082	1.068	1.3	93	0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
Data File : BG064482.D
Acq On : 2 Oct 2025 18:09
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Quant Time: Oct 02 18:56:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 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\BG100225\
Data File : BG064482.D
Acq On : 2 Oct 2025 18:09
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Quant Time: Oct 02 18:56:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 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	91	0.00
2		1,4-Dioxane	40.000	36.657	8.4	81	0.00
3		Pyridine	40.000	35.418	11.5	75	0.00
4		n-Nitrosodimethylamine	40.000	39.031	2.4	86	0.00
5	S	2-Fluorophenol	80.000	75.359	5.8	78	0.00
6		Aniline	40.000	41.109	-2.8	85	0.00
7	S	Phenol-d6	80.000	77.494	3.1	79	0.01
8		2-Chlorophenol	40.000	37.094	7.3	77	0.00
9		Benzaldehyde	40.000	32.268	19.3	62	0.00
10	C	Phenol	40.000	38.413	4.0	80	0.00
11		bis(2-Chloroethyl)ether	40.000	37.341	6.6	78	0.00
12		1,3-Dichlorobenzene	40.000	37.504	6.2	78	0.00
13	C	1,4-Dichlorobenzene	40.000	39.872	0.3	84	0.00
14		1,2-Dichlorobenzene	40.000	38.466	3.8	82	0.00
15		Benzyl Alcohol	40.000	40.756	-1.9	86	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	38.204	4.5	81	0.01
17		2-Methylphenol	40.000	38.553	3.6	80	0.00
18		Hexachloroethane	40.000	37.877	5.3	82	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	40.984	-2.5	83	0.01
20		3+4-Methylphenols	40.000	38.893	2.8	81	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	92	0.00
22		Acetophenone	40.000	39.906	0.2	86	0.00
23	S	Nitrobenzene-d5	80.000	72.999	8.8	79	0.01
24		Nitrobenzene	40.000	37.170	7.1	80	0.00
25		Isophorone	40.000	39.198	2.0	84	0.01
26	C	2-Nitrophenol	40.000	35.388	11.5	78	0.00
27		2,4-Dimethylphenol	40.000	41.959	-4.9	91	0.00
28		bis(2-Chloroethoxy)methane	40.000	38.540	3.7	81	0.00
29	C	2,4-Dichlorophenol	40.000	38.857	2.9	85	0.00
30		1,2,4-Trichlorobenzene	40.000	38.743	3.1	84	0.00
31		Naphthalene	40.000	38.491	3.8	82	0.00
32		Benzoic acid	40.000	40.223	-0.6	87	0.05
33		4-Chloroaniline	40.000	42.784	-7.0	93	0.00
34	C	Hexachlorobutadiene	40.000	36.587	8.5	81	0.00
35		Caprolactam	40.000	38.812	3.0	86	0.02
36	C	4-Chloro-3-methylphenol	40.000	38.389	4.0	83	0.00
37		2-Methylnaphthalene	40.000	35.191	12.0	76	0.00
38		1-Methylnaphthalene	40.000	36.933	7.7	81	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	95	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	38.511	3.7	84	0.00
41	P	Hexachlorocyclopentadiene	40.000	50.483	-26.2#	112	0.00
42	S	2,4,6-Tribromophenol	80.000	76.705	4.1	87	0.00
43	C	2,4,6-Trichlorophenol	40.000	39.030	2.4	86	0.00
44		2,4,5-Trichlorophenol	40.000	37.827	5.4	85	0.00
45	S	2-Fluorobiphenyl	80.000	74.539	6.8	84	0.00
46		1,1'-Biphenyl	40.000	38.735	3.2	87	0.00
47		2-Chloronaphthalene	40.000	37.716	5.7	84	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
Data File : BG064482.D
Acq On : 2 Oct 2025 18:09
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Quant Time: Oct 02 18:56:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 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	39.151	2.1	86	0.00
49		Acenaphthylene	40.000	43.842	-9.6	98	0.00
50		Dimethylphthalate	40.000	37.903	5.2	87	0.00
51		2,6-Dinitrotoluene	40.000	38.742	3.1	89	0.00
52	C	Acenaphthene	40.000	36.666	8.3	83	0.00
53		3-Nitroaniline	40.000	40.727	-1.8	91	0.00
54	P	2,4-Dinitrophenol	40.000	33.540	16.2	91	0.00
55		Dibenzofuran	40.000	38.141	4.6	87	0.00
56	P	4-Nitrophenol	40.000	39.712	0.7	86	0.00
57		2,4-Dinitrotoluene	40.000	39.388	1.5	89	0.00
58		Fluorene	40.000	39.456	1.4	89	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	40.021	-0.1	89	0.00
60		Diethylphthalate	40.000	38.317	4.2	89	0.00
61		4-Chlorophenyl-phenylether	40.000	36.432	8.9	83	0.00
62		4-Nitroaniline	40.000	41.435	-3.6	93	0.00
63		Azobenzene	40.000	38.553	3.6	89	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	100	0.00
65		4,6-Dinitro-2-methylphenol	40.000	37.834	5.4	91	0.00
66	c	n-Nitrosodiphenylamine	40.000	37.465	6.3	88	0.00
67		4-Bromophenyl-phenylether	40.000	36.819	8.0	85	0.00
68		Hexachlorobenzene	40.000	36.821	7.9	86	0.00
69		Atrazine	40.000	42.076	-5.2	100	0.00
70	C	Pentachlorophenol	40.000	36.025	9.9	84	0.00
71		Phenanthrene	40.000	37.108	7.2	87	0.00
72		Anthracene	40.000	38.159	4.6	89	0.00
73		Carbazole	40.000	39.673	0.8	91	0.00
74		Di-n-butylphthalate	40.000	38.852	2.9	90	0.00
75	C	Fluoranthene	40.000	38.739	3.2	91	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	102	0.00
77		Benzidine	40.000	43.772	-9.4	85	0.00
78		Pyrene	40.000	36.856	7.9	88	0.00
79	S	Terphenyl-d14	80.000	76.071	4.9	91	0.00
80		Butylbenzylphthalate	40.000	37.565	6.1	89	0.00
81		Benzo(a)anthracene	40.000	37.867	5.3	91	0.00
82		3,3'-Dichlorobenzidine	40.000	42.355	-5.9	102	0.00
83		Chrysene	40.000	36.434	8.9	87	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	37.082	7.3	89	0.00
85	c	Di-n-octyl phthalate	40.000	36.720	8.2	88	0.00
86	I	Perylene-d12	20.000	20.000	0.0	101	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	37.816	5.5	89	0.00
88		Benzo(b)fluoranthene	40.000	37.423	6.4	89	0.00
89		Benzo(k)fluoranthene	40.000	39.643	0.9	93	0.00
90	C	Benzo(a)pyrene	40.000	39.468	1.3	93	0.00
91		Dibenzo(a,h)anthracene	40.000	38.585	3.5	91	0.01
92		Benzo(g,h,i)perylene	40.000	39.498	1.3	93	0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
Data File : BG064482.D
Acq On : 2 Oct 2025 18:09
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Quant Time: Oct 02 18:56:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 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: AECO02

Lab Code: ACE SDG No.: Q3375

Instrument ID: BNA_F Calibration Date/Time: 10/20/2025 13:28

Lab File ID: BF143997.D Init. Calib. Date(s): 10/06/2025 10/06/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:59 14:22

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.259	1.277		1.4	
Benzaldehyde	1.158	1.204		4.0	
Phenol-d6	1.501	1.495		-0.4	
Phenol	1.795	1.865		3.9	20.0
bis(2-Chloroethyl)ether	1.386	1.393		0.5	
2-Chlorophenol	1.231	1.238		0.6	
2-Methylphenol	1.017	1.013		-0.4	
2,2-oxybis(1-Chloropropane)	3.156	3.251		3.0	
Acetophenone	0.423	0.408		-3.5	
3+4-Methylphenols	1.179	1.202		2.0	
n-Nitroso-di-n-propylamine	1.028	0.963	0.050	-6.3	
Nitrobenzene-d5	0.329	0.338		2.7	
Hexachloroethane	0.485	0.497		2.5	
Nitrobenzene	0.366	0.371		1.4	
Isophorone	0.694	0.660		-4.9	
2-Nitrophenol	0.157	0.179		14.0	20.0
2,4-Dimethylphenol	0.282	0.286		1.4	
bis(2-Chloroethoxy)methane	0.438	0.428		-2.3	
2,4-Dichlorophenol	0.294	0.288		-2.0	20.0
Naphthalene	0.910	0.892		-2.0	
4-Chloroaniline	0.341	0.339		-0.6	
Hexachlorobutadiene	0.201	0.194		-3.5	20.0
Caprolactam	0.093	0.092		-1.1	
4-Chloro-3-methylphenol	0.282	0.273		-3.2	20.0
2-Methylnaphthalene	0.606	0.583		-3.8	
Hexachlorocyclopentadiene	0.229	0.236	0.050	3.1	
2,4,6-Trichlorophenol	0.404	0.405		0.2	20.0
2-Fluorobiphenyl	1.260	1.168		-7.3	
2,4,5-Trichlorophenol	0.427	0.422		-1.2	
1,1-Biphenyl	1.324	1.296		-2.1	
2-Chloronaphthalene	1.104	1.104		0.0	
2-Nitroaniline	0.349	0.369		5.7	
Dimethylphthalate	1.270	1.238		-2.5	
Acenaphthylene	1.552	1.553		0.1	
2,6-Dinitrotoluene	0.236	0.262		11.0	
3-Nitroaniline	0.288	0.307		6.6	
Acenaphthene	1.017	0.995		-2.2	20.0
2,4-Dinitrophenol	0.118	0.112	0.050	-5.1	
4-Nitrophenol	0.218	0.209	0.050	-4.1	

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: AECO02

Lab Code: ACE SDG No.: Q3375

Instrument ID: BNA_F Calibration Date/Time: 10/20/2025 13:28

Lab File ID: BF143997.D Init. Calib. Date(s): 10/06/2025 10/06/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:59 14:22

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.436	1.417		-1.3	
2,4-Dinitrotoluene	0.320	0.364		13.8	
Diethylphthalate	1.180	1.162		-1.5	
4-Chlorophenyl-phenylether	0.573	0.563		-1.7	
Fluorene	1.083	1.040		-4.0	
4-Nitroaniline	0.277	0.284		2.5	
4,6-Dinitro-2-methylphenol	0.101	0.110		8.9	
n-Nitrosodiphenylamine	0.628	0.625		-0.5	20.0
2,4,6-Tribromophenol	0.199	0.198		-0.5	
4-Bromophenyl-phenylether	0.221	0.220		-0.5	
Hexachlorobenzene	0.256	0.254		-0.8	
Atrazine	0.190	0.186		-2.1	
Pentachlorophenol	0.147	0.131		-10.9	20.0
Phenanthrene	0.970	0.966		-0.4	
Anthracene	0.980	0.968		-1.2	
Carbazole	0.868	0.858		-1.2	
Di-n-butylphthalate	1.005	1.014		0.9	
Fluoranthene	1.002	0.979		-2.3	20.0
Pyrene	1.667	1.712		2.7	
Terphenyl-d14	1.170	1.223		4.5	
Butylbenzylphthalate	0.542	0.563		3.9	
3,3-Dichlorobenzidine	0.399	0.393		-1.5	
Benzo(a)anthracene	1.309	1.276		-2.5	
Chrysene	1.211	1.205		-0.5	
Bis(2-ethylhexyl)phthalate	0.653	0.643		-1.5	
Di-n-octyl phthalate	1.072	1.026		-4.3	20.0
Benzo(b)fluoranthene	1.149	1.090		-5.1	
Benzo(k)fluoranthene	1.063	1.091		2.6	
Benzo(a)pyrene	0.996	1.015		1.9	20.0
Indeno(1,2,3-cd)pyrene	1.225	1.431		16.8	
Dibenzo(a,h)anthracene	0.986	1.159		17.5	
Benzo(g,h,i)perylene	0.986	1.153		16.9	
1,2,4,5-Tetrachlorobenzene	0.553	0.560		1.3	
1,4-Dioxane	0.583	0.607		4.1	20.0
2,3,4,6-Tetrachlorophenol	0.302	0.298		-1.3	

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102025\
Data File : BF143997.D
Acq On : 20 Oct 2025 13:28
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Oct 20 15:47:39 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	108923	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	424804	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	230266	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	385198	20.000	ng	0.00
76) Chrysene-d12	14.063	240	224376	20.000	ng	0.00
86) Perylene-d12	15.545	264	212318	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	556406	81.118	ng	0.00
7) Phenol-d6	6.504	99	651473	79.683	ng	-0.01
23) Nitrobenzene-d5	7.445	82	574397	82.149	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	182619	79.625	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1076099	74.153	ng	-0.01
79) Terphenyl-d14	13.004	244	1098074	83.641	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.634	88	132203	41.651	ng	96
3) Pyridine	3.405	79	371861	40.244	ng	98
4) n-Nitrosodimethylamine	3.352	42	182244	37.492	ng	94
6) Aniline	6.545	93	482464	39.380	ng	100
8) 2-Chlorophenol	6.663	128	269677	40.221	ng	99
9) Benzaldehyde	6.434	77	262349	41.597	ng	99
10) Phenol	6.522	94	406281	41.566	ng	97
11) bis(2-Chloroethyl)ether	6.616	93	303464	40.191	ng	99
12) 1,3-Dichlorobenzene	6.822	146	323149	40.264	ng	97
13) 1,4-Dichlorobenzene	6.898	146	317957	40.162	ng	98
14) 1,2-Dichlorobenzene	7.051	146	308063	40.625	ng	99
15) Benzyl Alcohol	7.022	79	250750	40.933	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	708161	41.204	ng	100
17) 2-Methylphenol	7.128	107	220591	39.810	ng	99
18) Hexachloroethane	7.392	117	108316	41.025	ng	96
19) n-Nitroso-di-n-propyla...	7.293	70	209767	37.483	ng	99
20) 3+4-Methylphenols	7.281	107	261837	40.771	ng	95
22) Acetophenone	7.293	105	346907	38.622	ng	99
24) Nitrobenzene	7.463	77	314885	40.553	ng	97
25) Isophorone	7.704	82	561074	38.057	ng	99
26) 2-Nitrophenol	7.781	139	152343	45.762	ng	98
27) 2,4-Dimethylphenol	7.816	122	242907	40.563	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	363320	39.012	ng	99
29) 2,4-Dichlorophenol	8.022	162	244787	39.243	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	242977	39.607	ng	99
31) Naphthalene	8.187	128	758157	39.234	ng	100
32) Benzoic acid	7.922	122	156304	37.714	ng	99
33) 4-Chloroaniline	8.234	127	287656	39.691	ng	99
34) Hexachlorobutadiene	8.304	225	165202	38.752	ng	97
35) Caprolactam	8.604	113	78033	39.344	ng	97
36) 4-Chloro-3-methylphenol	8.710	107	231734	38.675	ng	98
37) 2-Methylnaphthalene	8.881	142	495354	38.483	ng	99
38) 1-Methylnaphthalene	8.981	142	480130	38.454	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	257851	40.516	ng	99
41) Hexachlorocyclopentadiene	9.034	237	108840	41.223	ng	97
43) 2,4,6-Trichlorophenol	9.157	196	186670	40.143	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102025\
Data File : BF143997.D
Acq On : 20 Oct 2025 13:28
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Oct 20 15:47:39 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

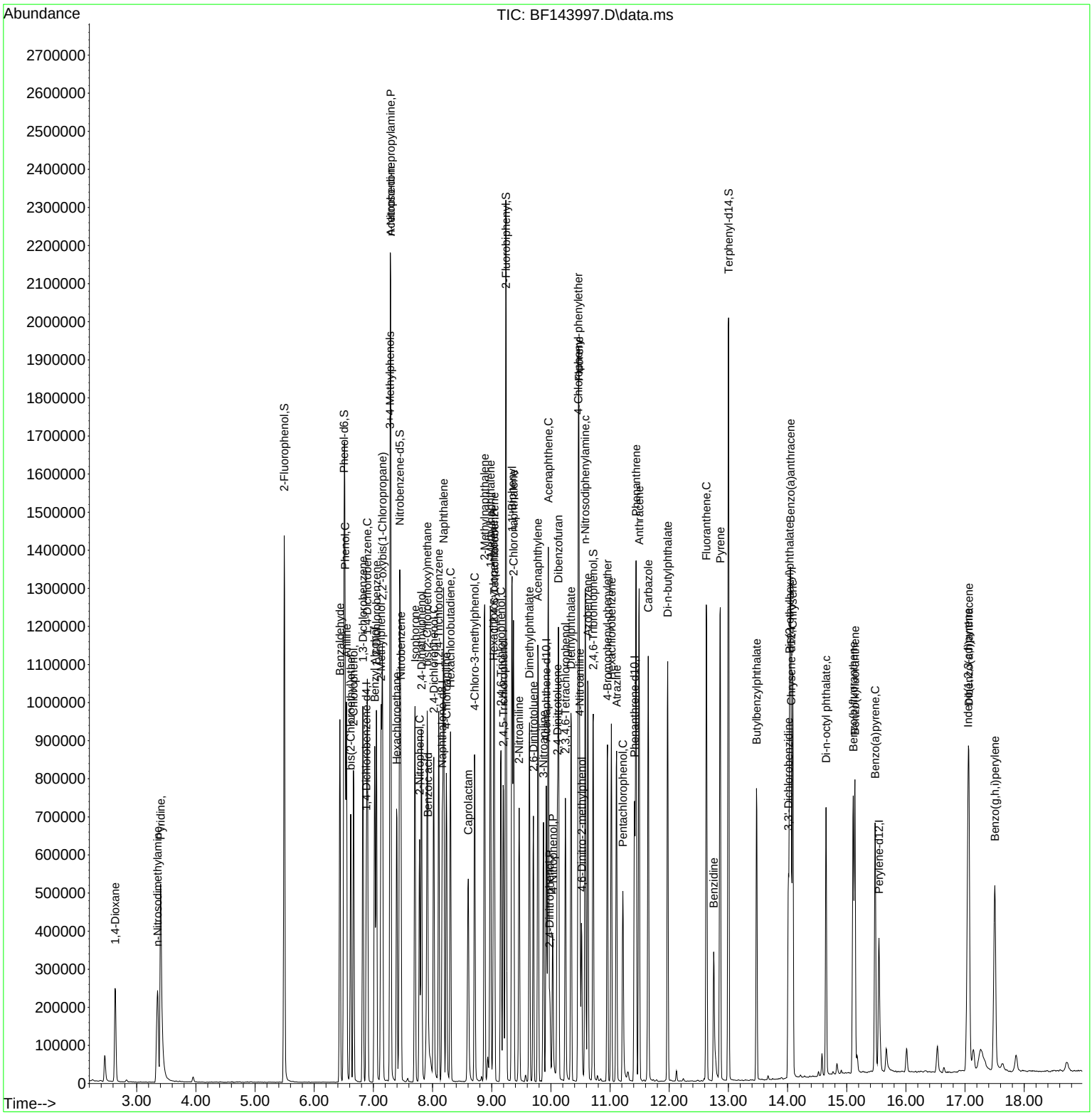
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	194558	39.592	ng		99
46) 1,1'-Biphenyl	9.345	154	597014	39.160	ng		99
47) 2-Chloronaphthalene	9.369	162	508631	40.014	ng		97
48) 2-Nitroaniline	9.463	65	169771	42.245	ng		94
49) Acenaphthylene	9.781	152	715169	40.020	ng		99
50) Dimethylphthalate	9.639	163	569940	38.976	ng		99
51) 2,6-Dinitrotoluene	9.704	165	120781	44.543	ng		97
52) Acenaphthene	9.957	154	458028	39.116	ng		100
53) 3-Nitroaniline	9.875	138	141223	42.535	ng		99
54) 2,4-Dinitrophenol	9.981	184	51582	35.105	ng		94
55) Dibenzofuran	10.128	168	652550	39.478	ng		98
56) 4-Nitrophenol	10.034	139	96087	38.222	ng		93
57) 2,4-Dinitrotoluene	10.110	165	167503	45.401	ng		96
58) Fluorene	10.475	166	478793	38.388	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.245	232	137352	39.485	ng	#	99
60) Diethylphthalate	10.339	149	535315	39.405	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	259220	39.311	ng		98
62) 4-Nitroaniline	10.486	138	130811	40.972	ng		94
63) Azobenzene	10.622	77	558403	39.330	ng		98
65) 4,6-Dinitro-2-methylph...	10.522	198	84504	43.655	ng		94
66) n-Nitrosodiphenylamine	10.581	169	481588	39.818	ng		98
67) 4-Bromophenyl-phenylether	10.957	248	169268	39.762	ng		96
68) Hexachlorobenzene	11.022	284	195530	39.674	ng		99
69) Atrazine	11.110	200	143511	39.148	ng		99
70) Pentachlorophenol	11.216	266	101251	35.771	ng		98
71) Phenanthrene	11.439	178	744542	39.869	ng		99
72) Anthracene	11.492	178	745746	39.529	ng		99
73) Carbazole	11.645	167	660829	39.550	ng		99
74) Di-n-butylphthalate	11.975	149	781181	40.340	ng		99
75) Fluoranthene	12.627	202	753991	39.088	ng		99
77) Benzidine	12.751	184	248566	31.905	ng		98
78) Pyrene	12.863	202	768419	41.079	ng		99
80) Butylbenzylphthalate	13.474	149	252520	41.567	ng		98
81) Benzo(a)anthracene	14.051	228	572605	38.997	ng		100
82) 3,3'-Dichlorobenzidine	14.016	252	176158	39.367	ng		99
83) Chrysene	14.086	228	540703	39.788	ng		100
84) Bis(2-ethylhexyl)phtha...	14.033	149	288745	39.429	ng		99
85) Di-n-octyl phthalate	14.651	149	460570	38.292	ng		100
87) Indeno(1,2,3-cd)pyrene	17.051	276	607776	46.717	ng		98
88) Benzo(b)fluoranthene	15.110	252	462937	37.957	ng		99
89) Benzo(k)fluoranthene	15.139	252	463363	41.059	ng		98
90) Benzo(a)pyrene	15.480	252	431094	40.764	ng		99
91) Dibenzo(a,h)anthracene	17.062	278	491981	47.020	ng		99
92) Benzo(g,h,i)perylene	17.504	276	489771	46.809	ng		98

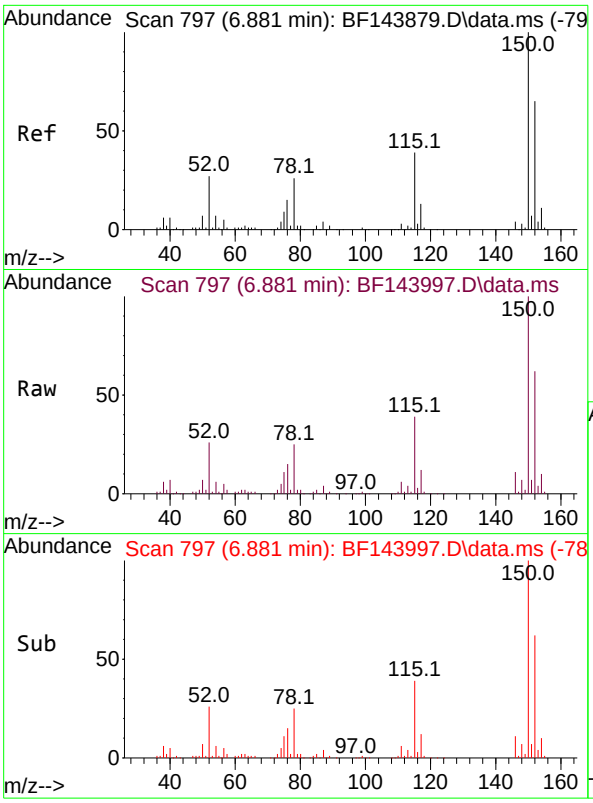
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102025\
Data File : BF143997.D
Acq On : 20 Oct 2025 13:28
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Oct 20 15:47:39 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



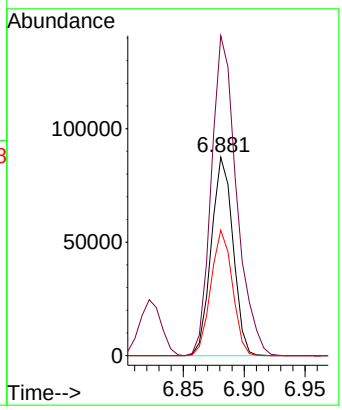


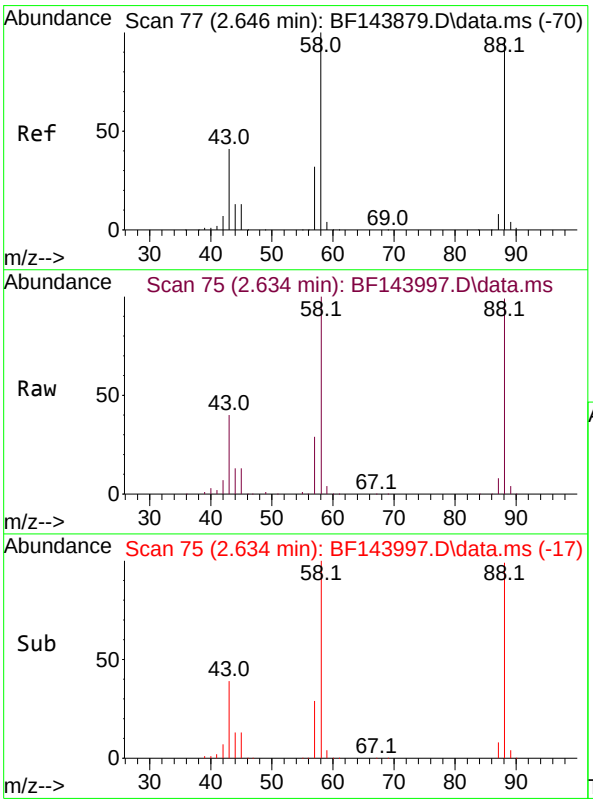
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 7
Delta R.T. -0.005 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 108923

Ion	Ratio	Lower	Upper
152	100		
150	161.4	124.4	186.6
115	63.2	48.1	72.1

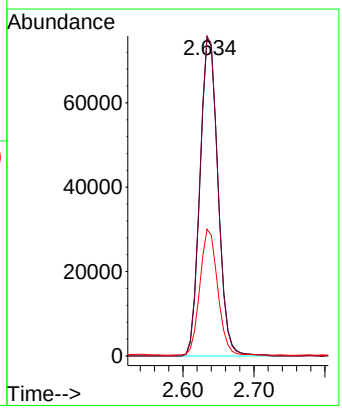


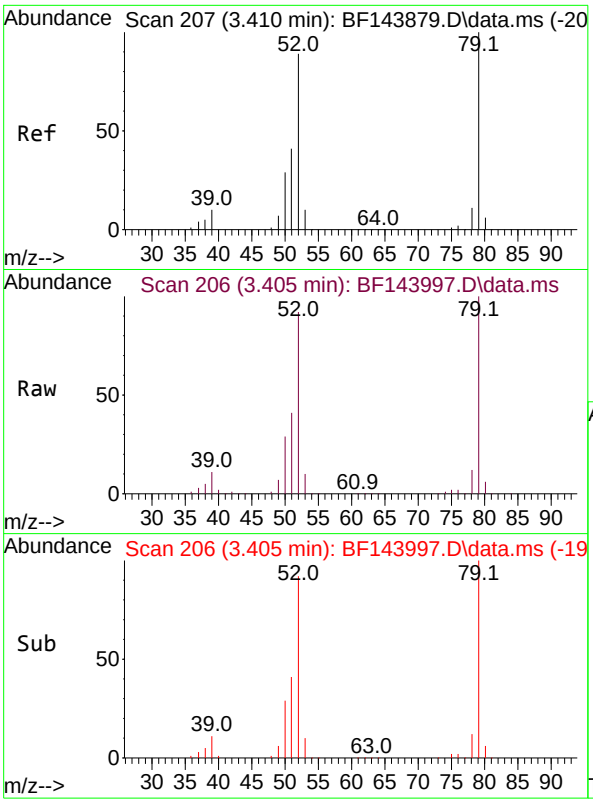


#2
1,4-Dioxane
Concen: 41.651 ng
RT: 2.634 min Scan# 75
Delta R.T. -0.012 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion: 88 Resp: 132203

Ion	Ratio	Lower	Upper
88	100		
58	100.4	83.0	124.6
43	39.2	33.9	50.9



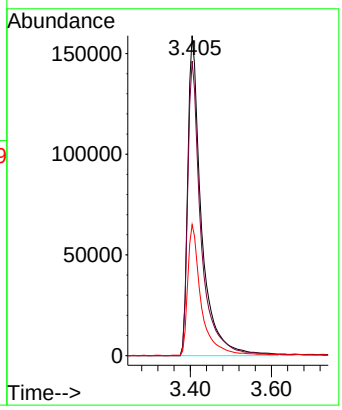


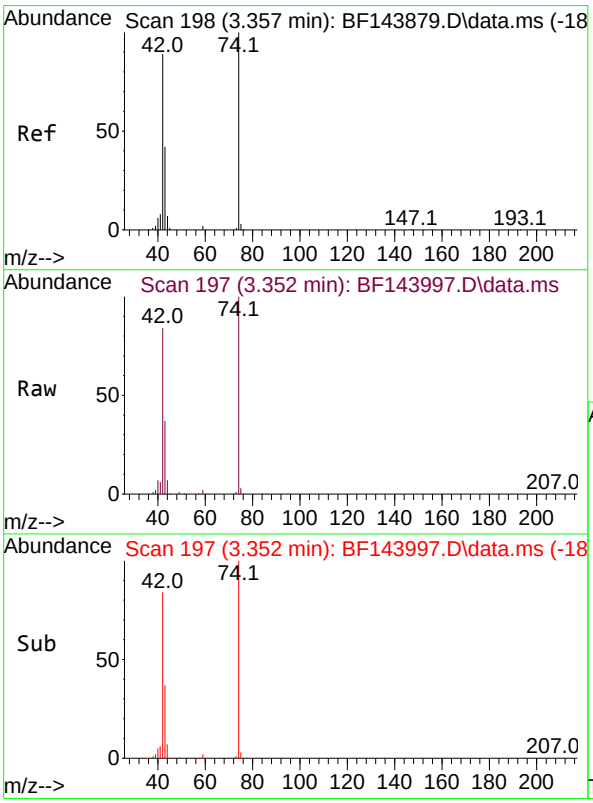
#3
Pyridine
Concen: 40.244 ng
RT: 3.405 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 371861

Ion	Ratio	Lower	Upper
79	100		
52	92.0	71.5	107.3
51	40.9	32.9	49.3

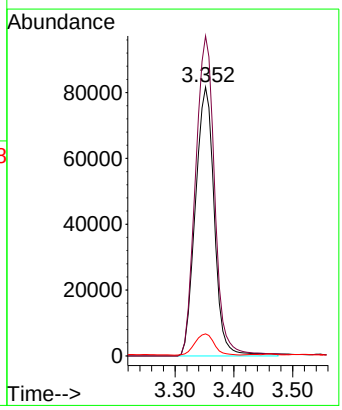


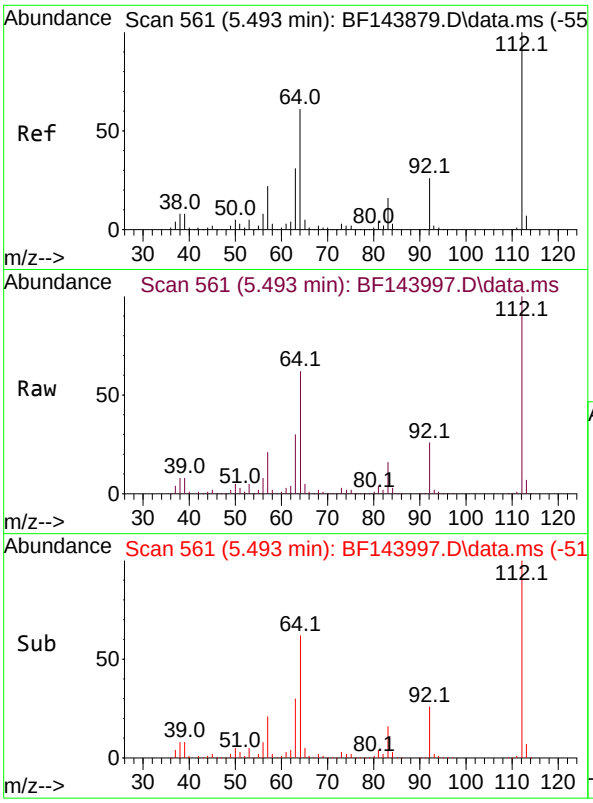


#4
n-Nitrosodimethylamine
Concen: 37.492 ng
RT: 3.352 min Scan# 197
Delta R.T. -0.035 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion: 42 Resp: 182244

Ion	Ratio	Lower	Upper
42	100		
74	119.1	90.0	135.0
44	8.2	6.2	9.2



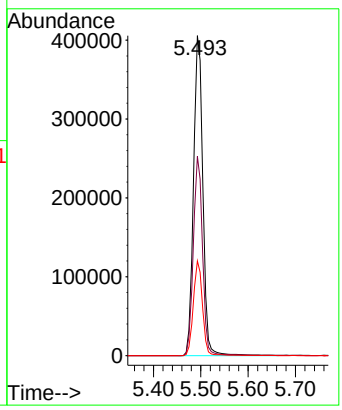


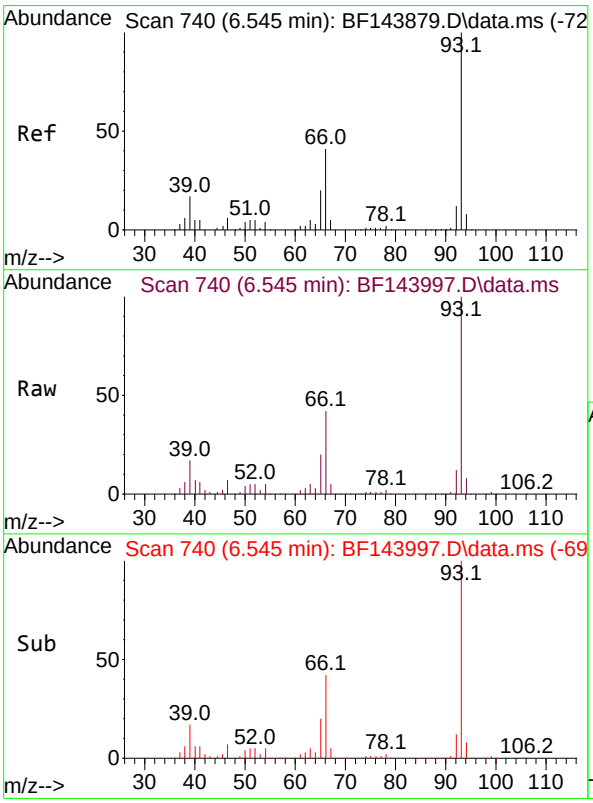
#5
2-Fluorophenol
Concen: 81.118 ng
RT: 5.493 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 556406

Ion	Ratio	Lower	Upper
112	100		
64	62.3	49.1	73.7
63	29.6	24.5	36.7

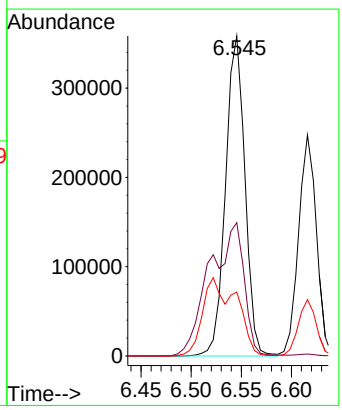


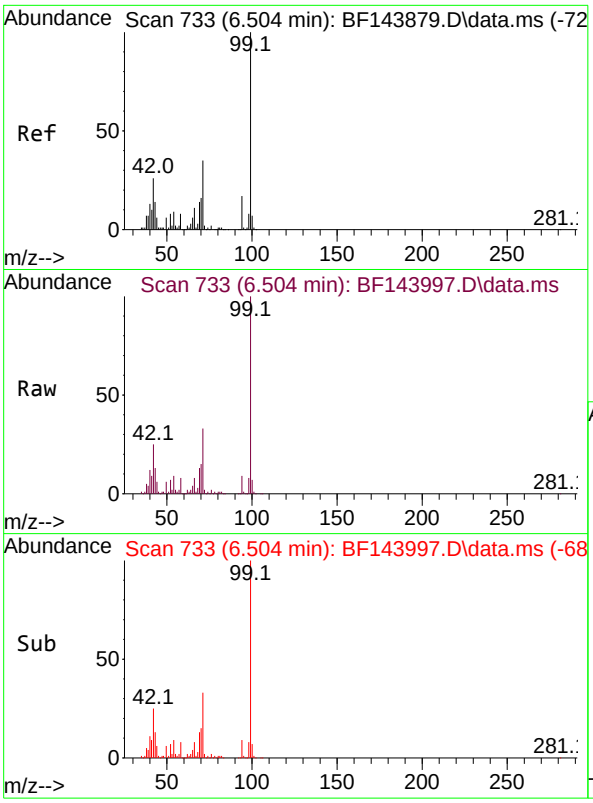


#6
Aniline
Concen: 39.380 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion: 93 Resp: 482464

Ion	Ratio	Lower	Upper
93	100		
66	41.6	33.0	49.6
65	19.9	15.8	23.8



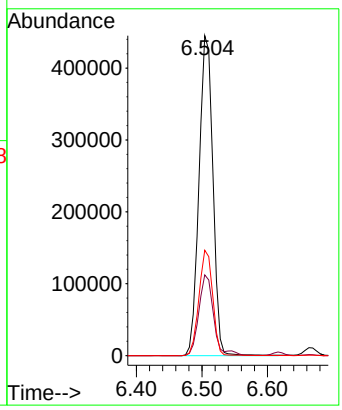


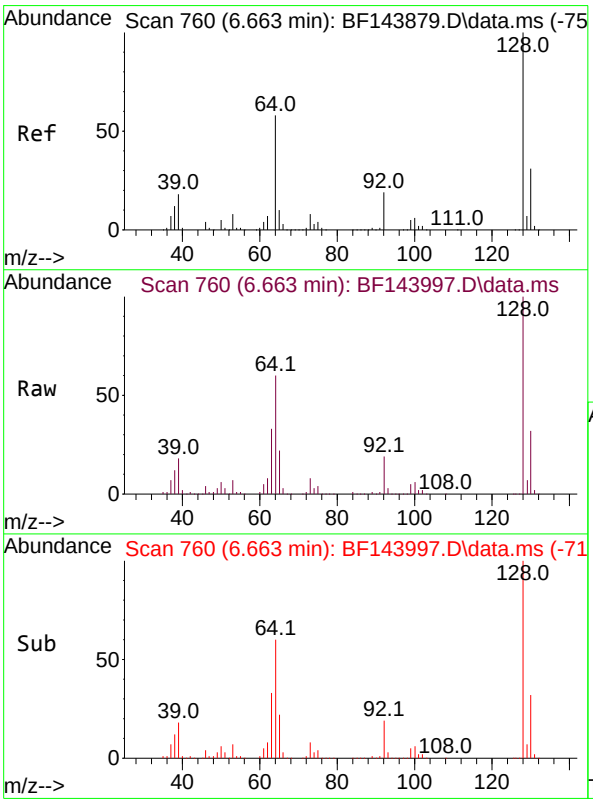
#7
Phenol-d6
Concen: 79.683 ng
RT: 6.504 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 651473

Ion	Ratio	Lower	Upper
99	100		
42	25.2	21.0	31.4
71	32.9	27.8	41.8

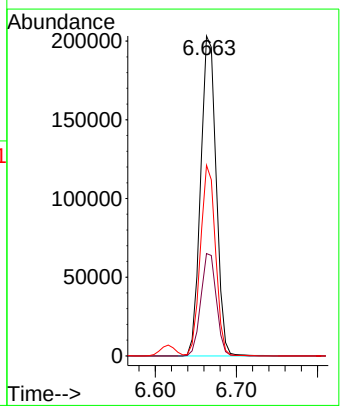


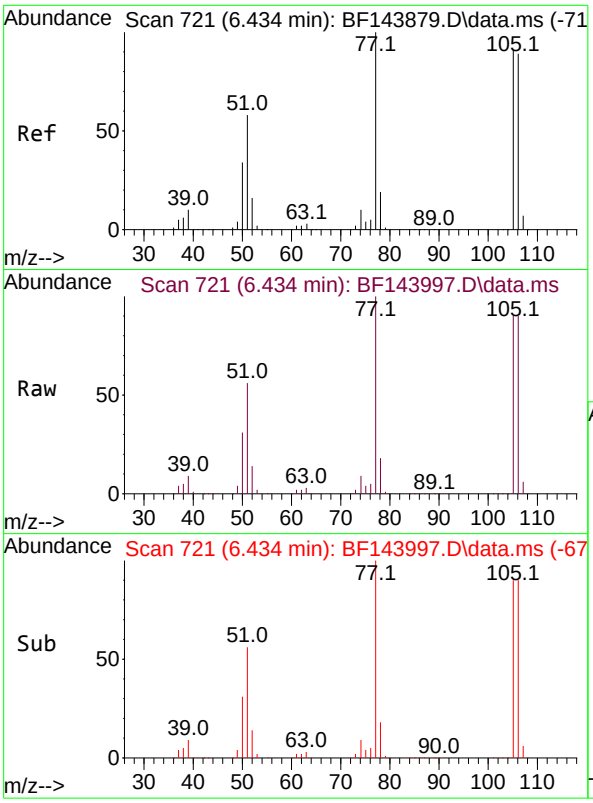


#8
2-Chlorophenol
Concen: 40.221 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:128 Resp: 269677

Ion	Ratio	Lower	Upper
128	100		
130	32.0	10.7	50.7
64	59.6	39.0	79.0



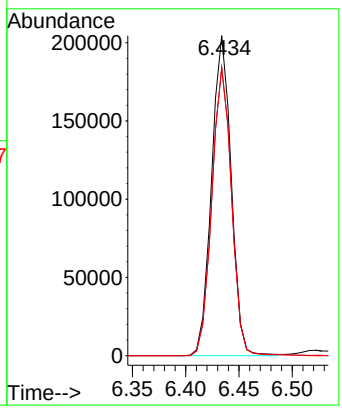


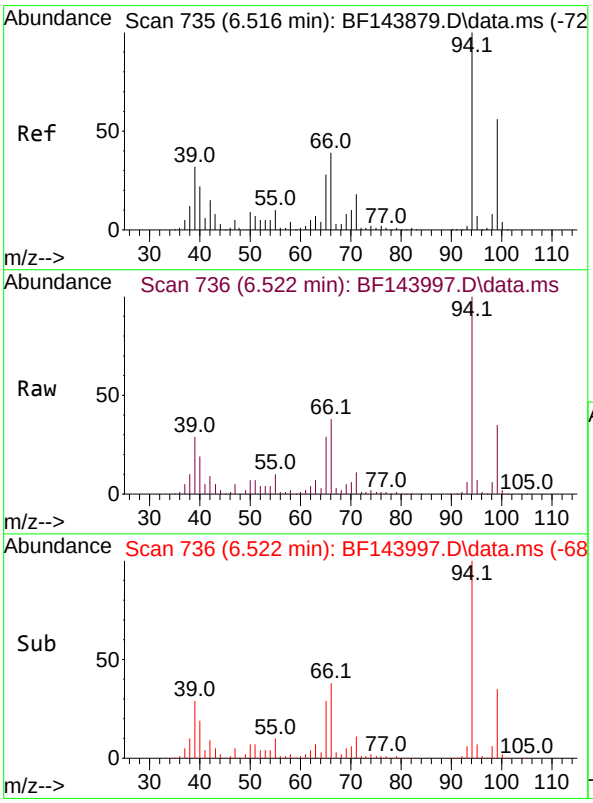
#9
Benzaldehyde
Concen: 41.597 ng
RT: 6.434 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 262349

Ion	Ratio	Lower	Upper
77	100		
105	89.9	70.9	110.9
106	90.1	68.9	108.9

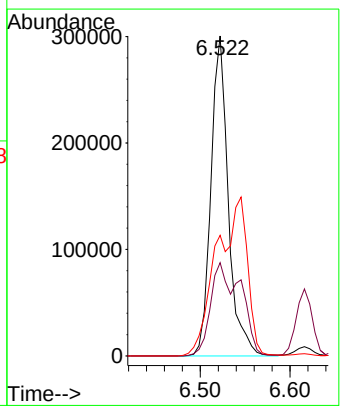


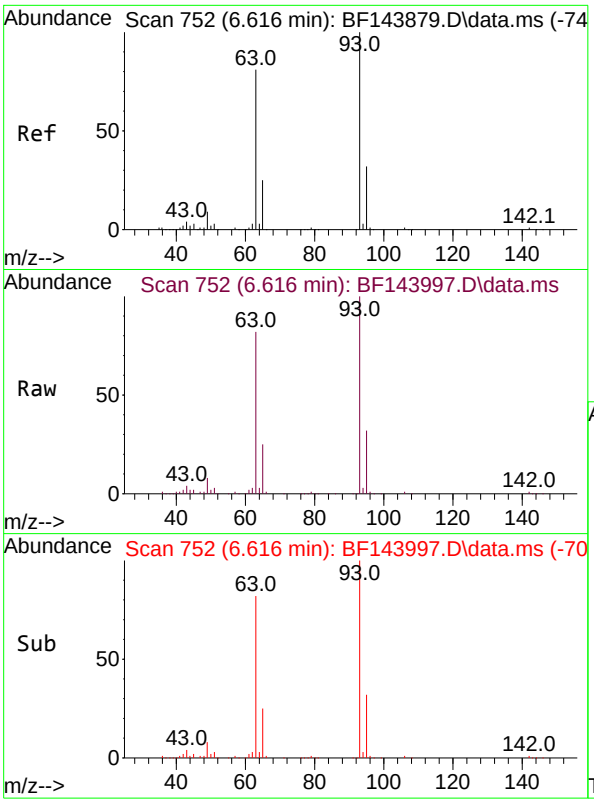


#10
Phenol
Concen: 41.566 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.012 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion: 94 Resp: 406281

Ion	Ratio	Lower	Upper
94	100		
65	29.1	8.5	48.5
66	37.7	19.9	59.9



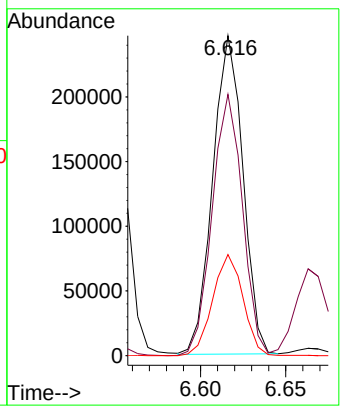


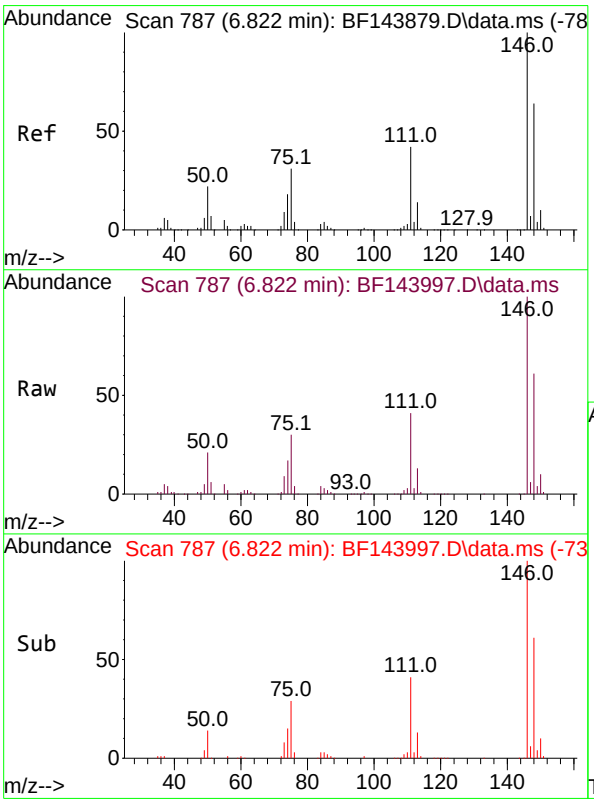
#11
bis(2-Chloroethyl)ether
Concen: 40.191 ng
RT: 6.616 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 303464

Ion	Ratio	Lower	Upper
93	100		
63	81.6	60.9	100.9
95	31.6	11.5	51.5

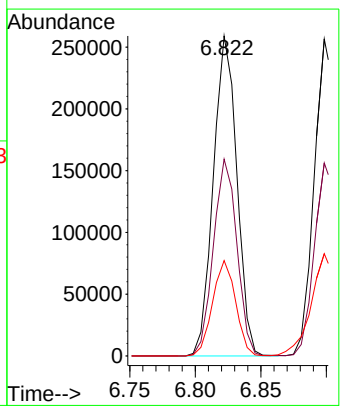


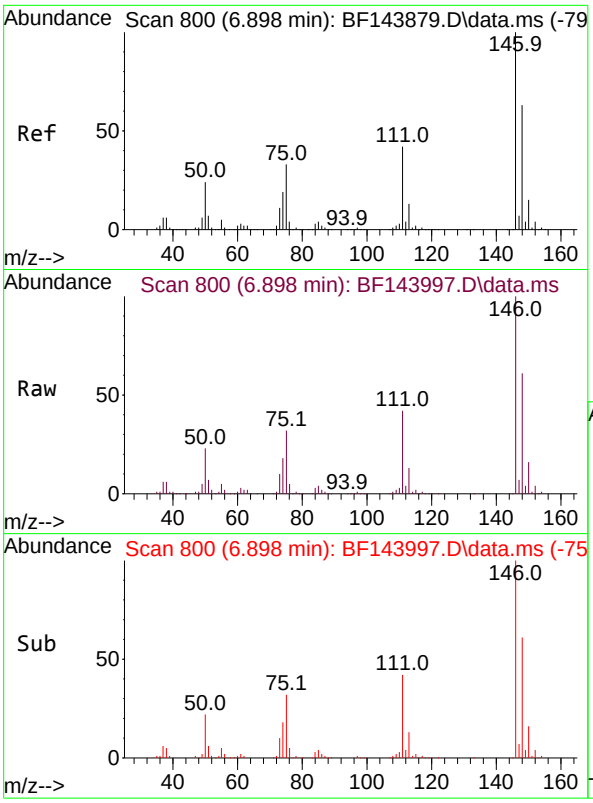


#12
1,3-Dichlorobenzene
Concen: 40.264 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:146 Resp: 323149

Ion	Ratio	Lower	Upper
146	100		
148	61.5	51.0	76.4
75	29.8	24.9	37.3



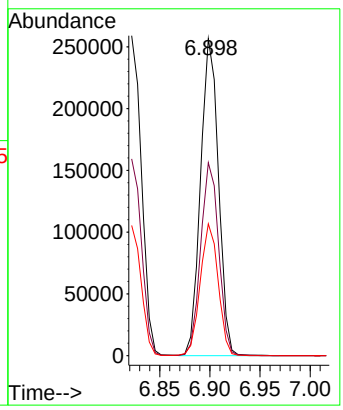


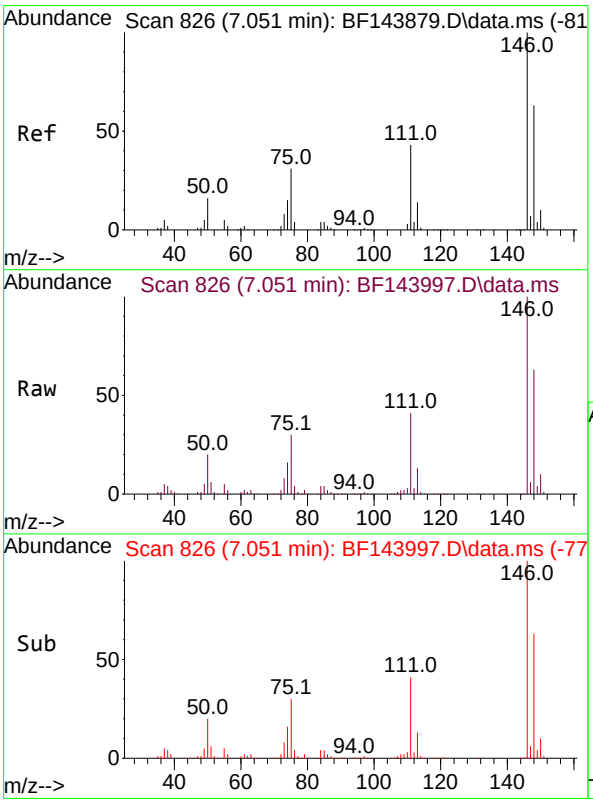
#13
1,4-Dichlorobenzene
Concen: 40.162 ng
RT: 6.898 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 317957

Ion	Ratio	Lower	Upper
146	100		
148	60.9	50.5	75.7
111	41.6	33.4	50.0

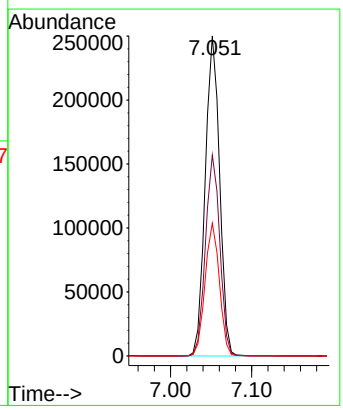


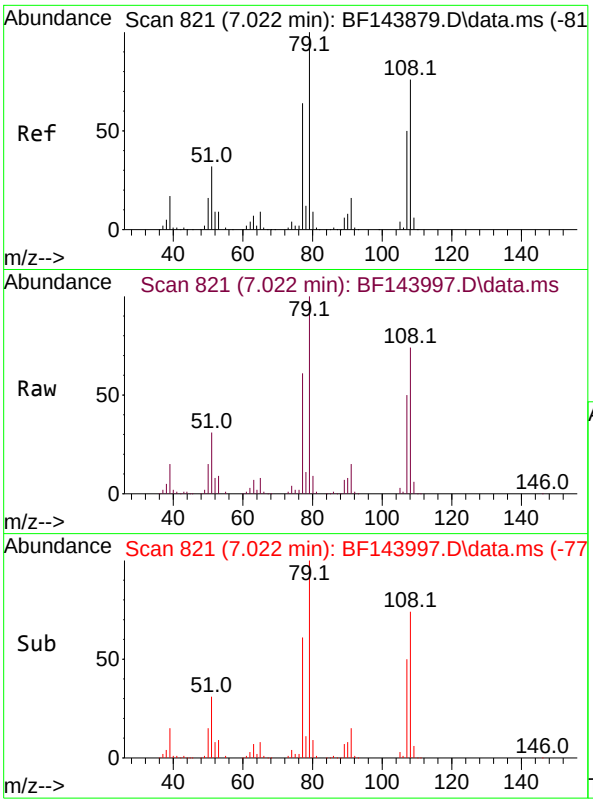


#14
1,2-Dichlorobenzene
Concen: 40.625 ng
RT: 7.051 min Scan# 826
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:146 Resp: 308063

Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.6	75.8
111	41.5	34.6	51.8



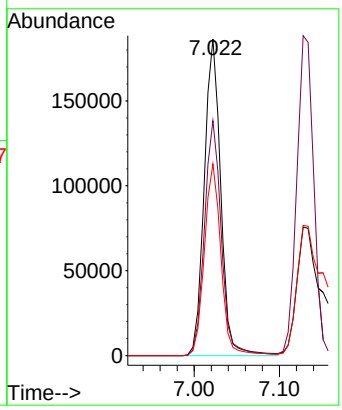


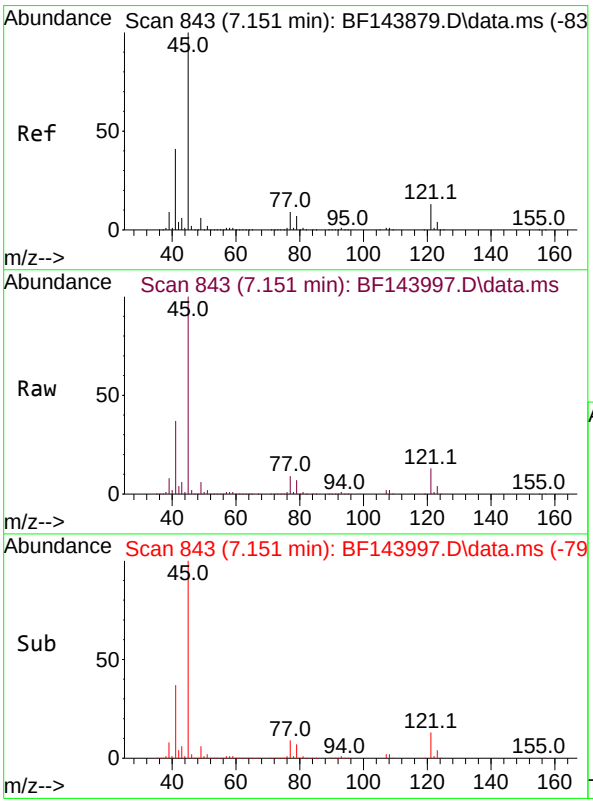
#15
Benzyl Alcohol
Concen: 40.933 ng
RT: 7.022 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 250750

Ion	Ratio	Lower	Upper
79	100		
108	74.3	60.8	91.2
77	60.6	51.0	76.6

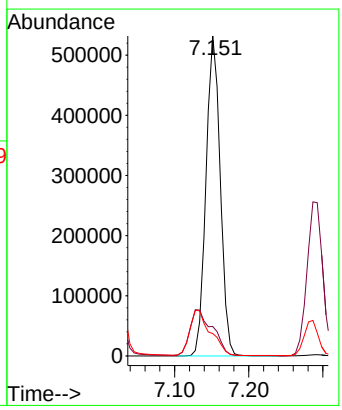


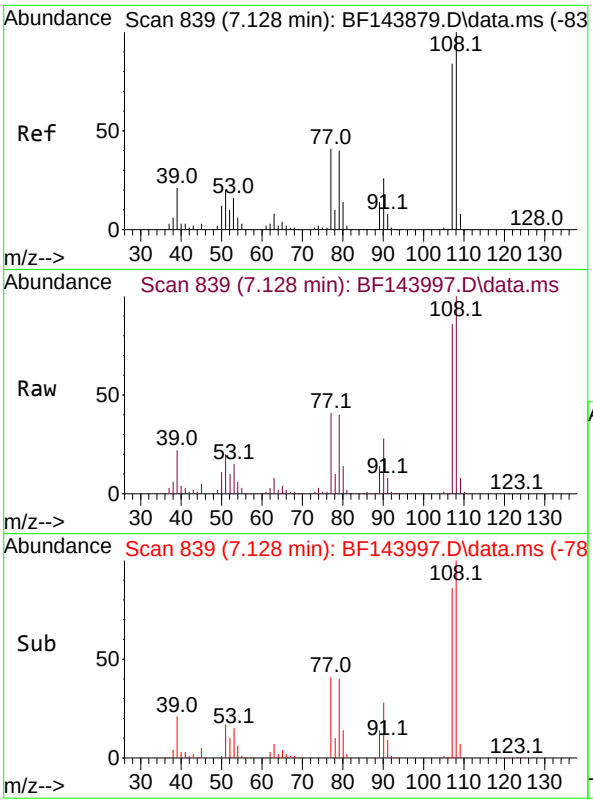


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.204 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion: 45 Resp: 708161

Ion	Ratio	Lower	Upper
45	100		
77	9.2	0.0	29.0
79	7.0	0.0	26.8



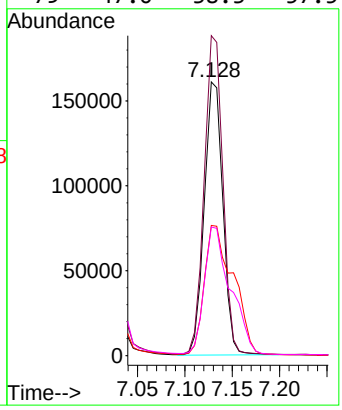


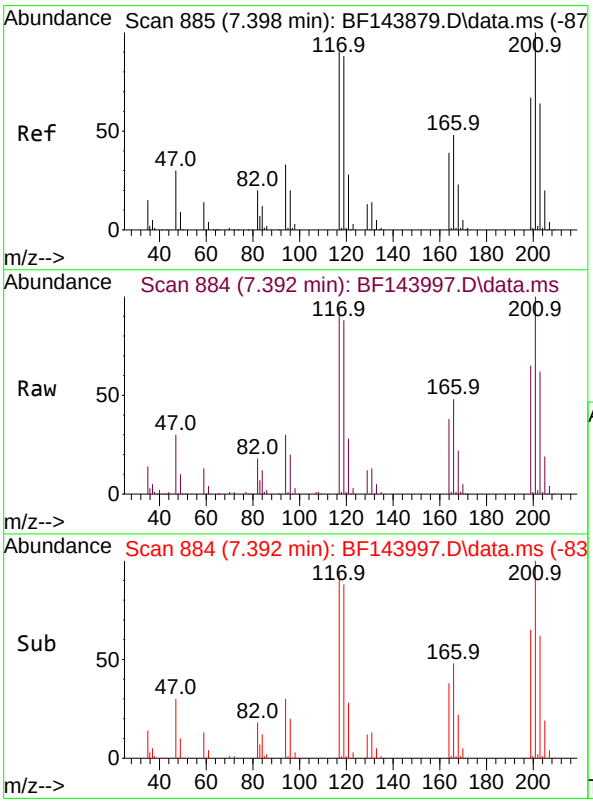
#17
2-Methylphenol
Concen: 39.810 ng
RT: 7.128 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 220591

Ion	Ratio	Lower	Upper
107	100		
108	116.9	94.7	142.1
77	47.6	38.8	58.2
79	47.0	38.3	57.5

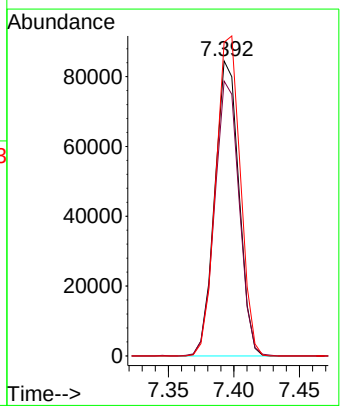


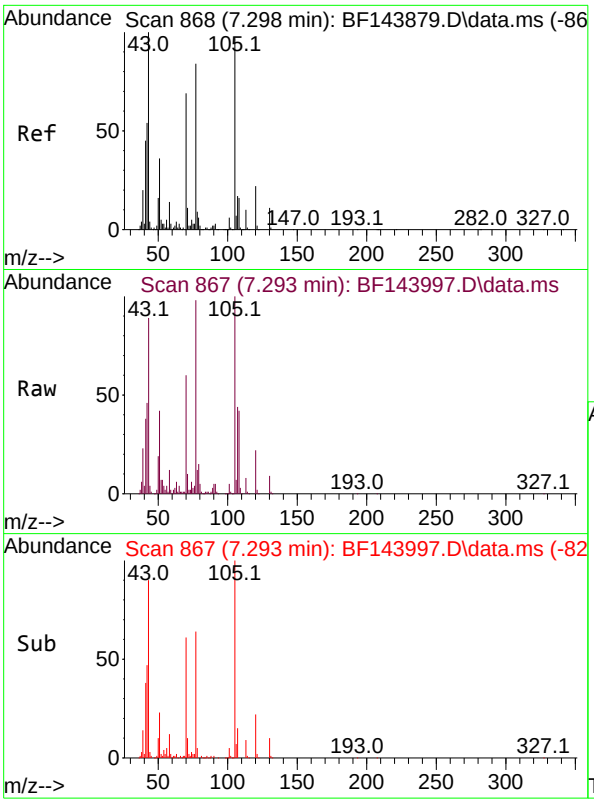


#18
Hexachloroethane
Concen: 41.025 ng
RT: 7.392 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:117 Resp: 108316

Ion	Ratio	Lower	Upper
117	100		
119	93.1	77.8	116.8
201	106.3	88.5	132.7



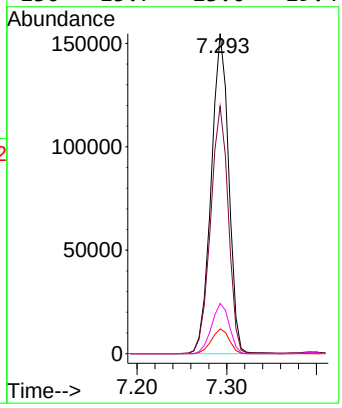


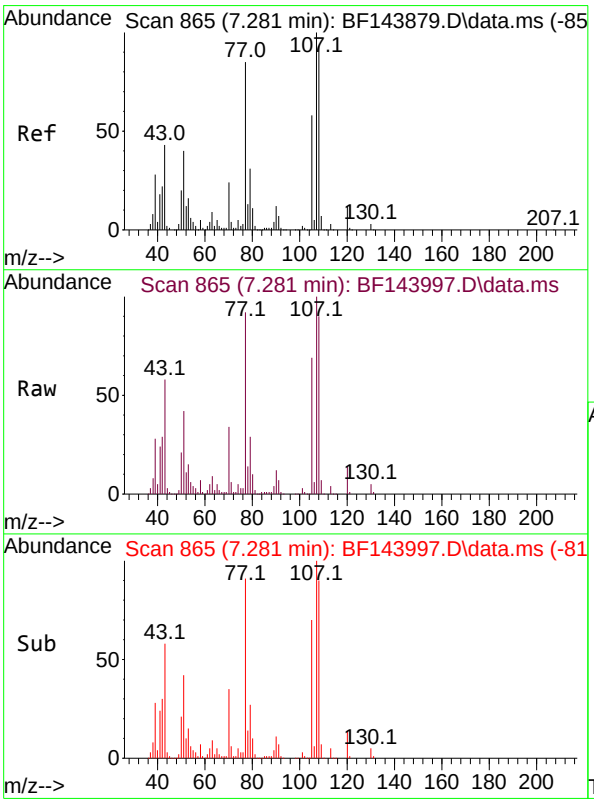
#19
n-Nitroso-di-n-propylamine
Concen: 37.483 ng
RT: 7.293 min Scan# 8
Delta R.T. -0.023 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 209767

Ion	Ratio	Lower	Upper
70	100		
42	77.3	62.8	94.2
101	7.7	6.7	10.1
130	15.7	13.0	19.4

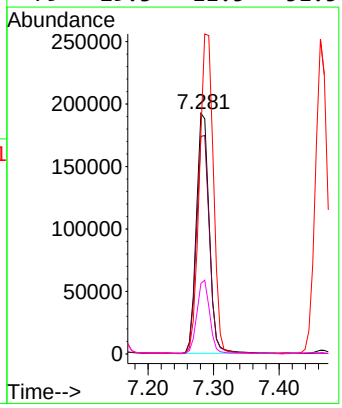


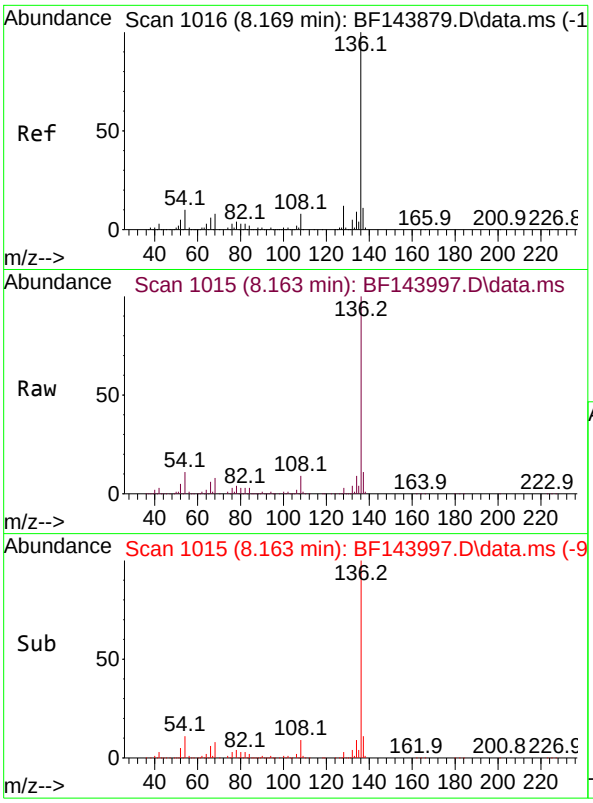


#20
3+4-Methylphenols
Concen: 40.771 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.017 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:107 Resp: 261837

Ion	Ratio	Lower	Upper
107	100		
108	90.5	73.0	113.0
77	91.8	64.6	104.6
79	29.3	11.5	51.5



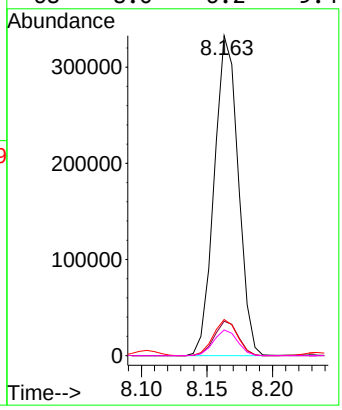


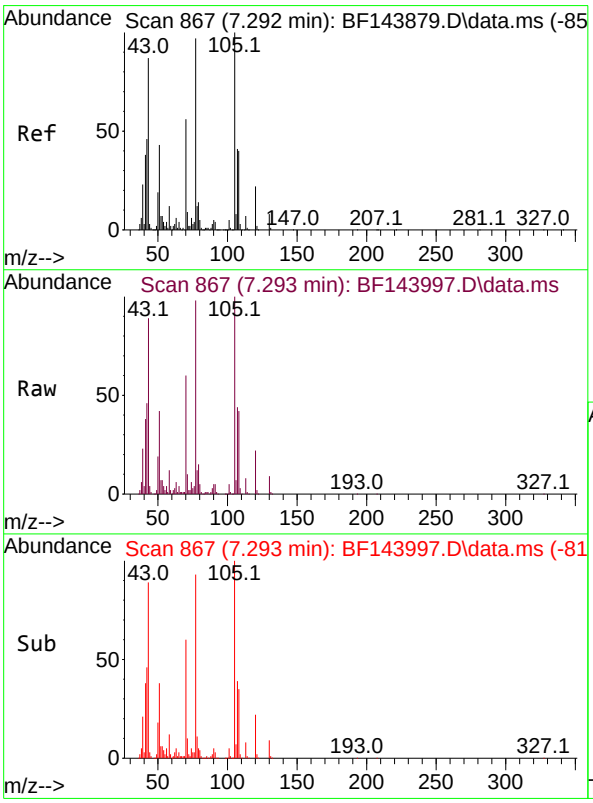
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 424804

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	11.3	8.2	12.4
68	8.0	6.2	9.4

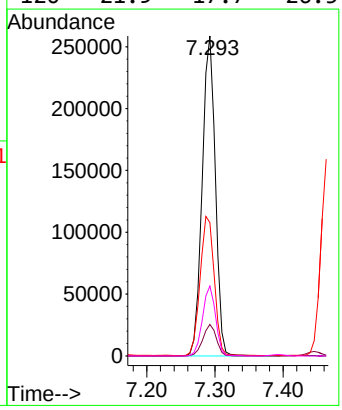


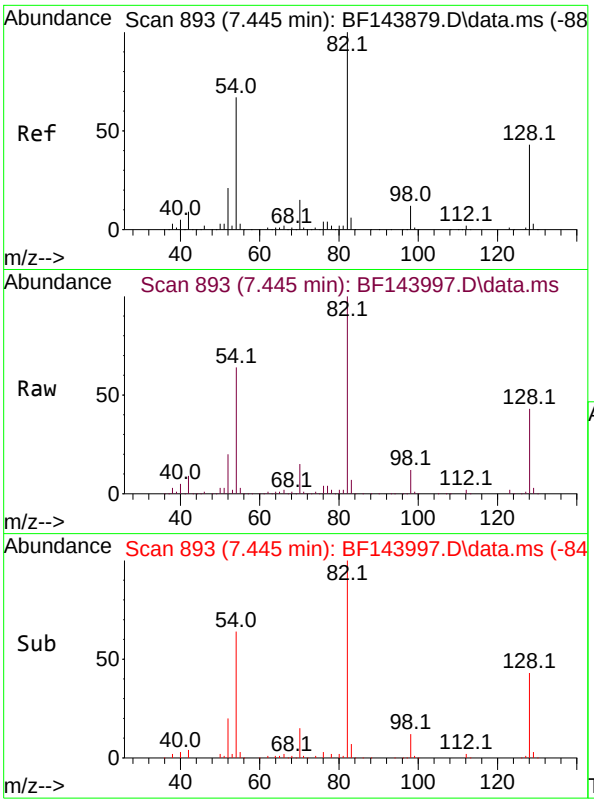


#22
Acetophenone
Concen: 38.622 ng
RT: 7.293 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:105 Resp: 346907

Ion	Ratio	Lower	Upper
105	100		
71	9.8	7.4	11.0
51	41.7	34.2	51.4
120	21.9	17.7	26.5



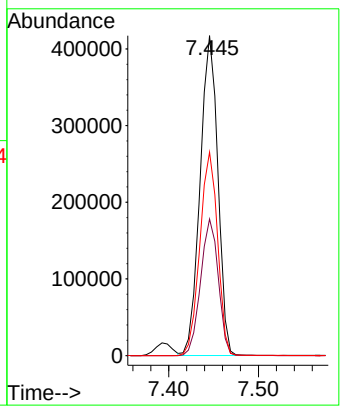


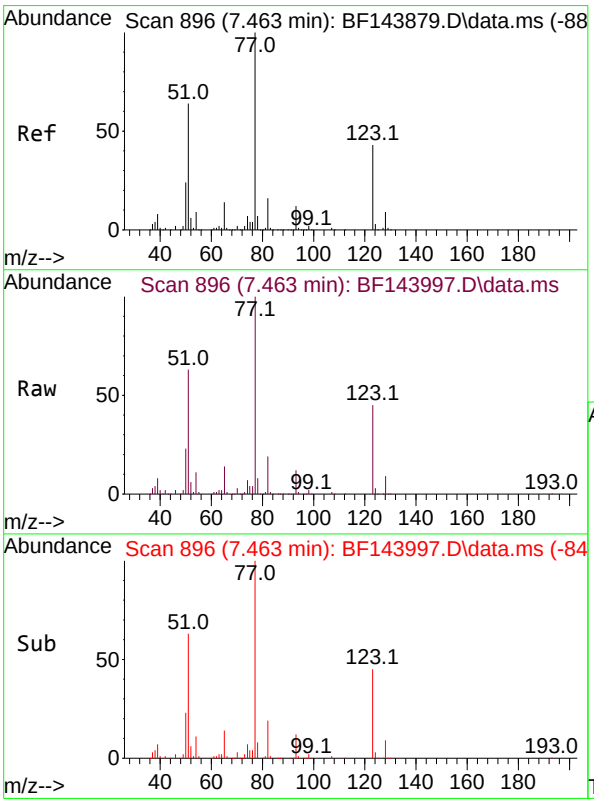
#23
Nitrobenzene-d5
Concen: 82.149 ng
RT: 7.445 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 574397

Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.0	51.0
54	63.6	53.2	79.8

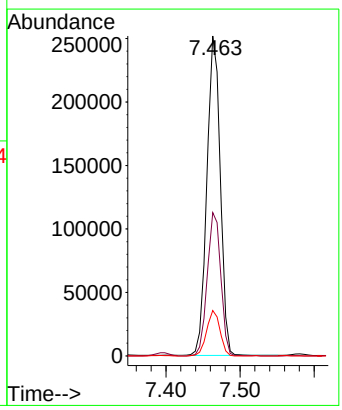


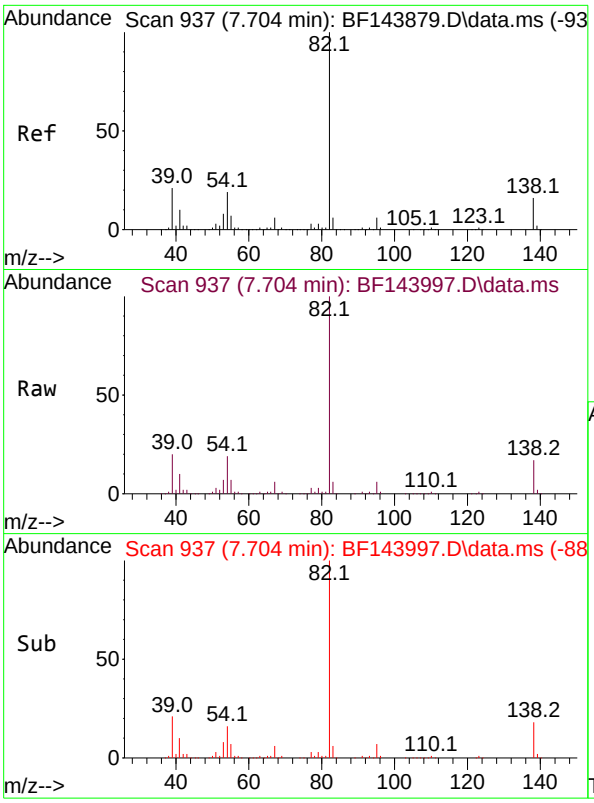


#24
Nitrobenzene
Concen: 40.553 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion: 77 Resp: 314885

Ion	Ratio	Lower	Upper
77	100		
123	44.8	34.2	51.4
65	14.2	11.0	16.6



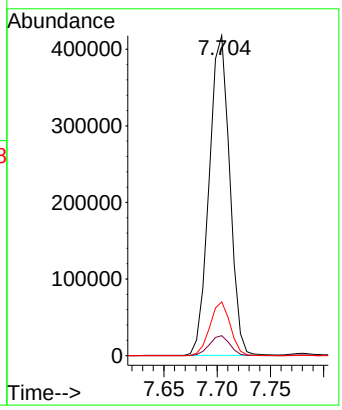


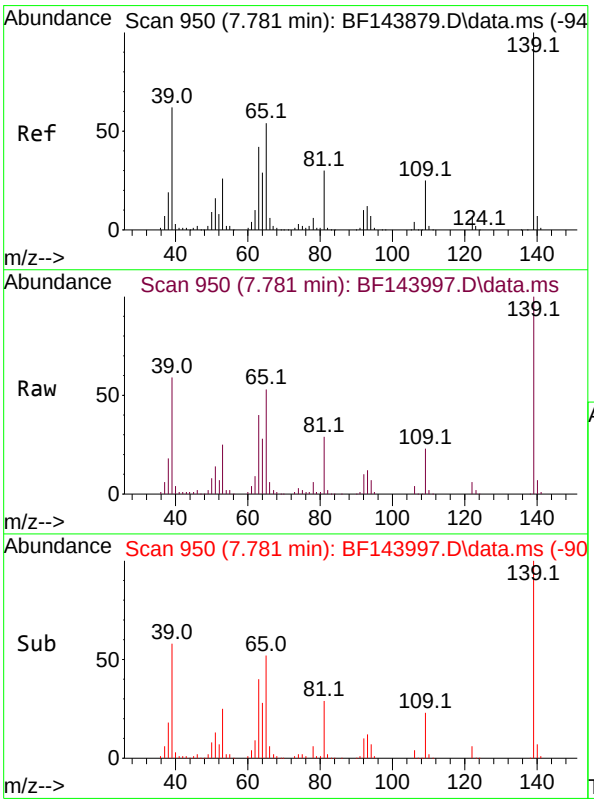
#25
Isophorone
Concen: 38.057 ng
RT: 7.704 min Scan# 9
Delta R.T. -0.017 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 561074

Ion	Ratio	Lower	Upper
82	100		
95	6.2	5.1	7.7
138	16.8	12.9	19.3

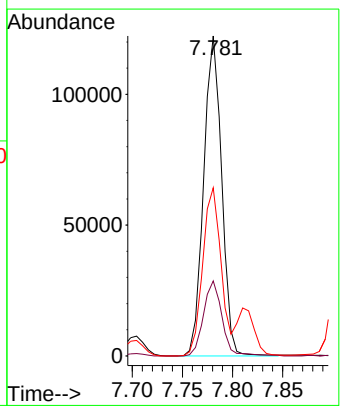


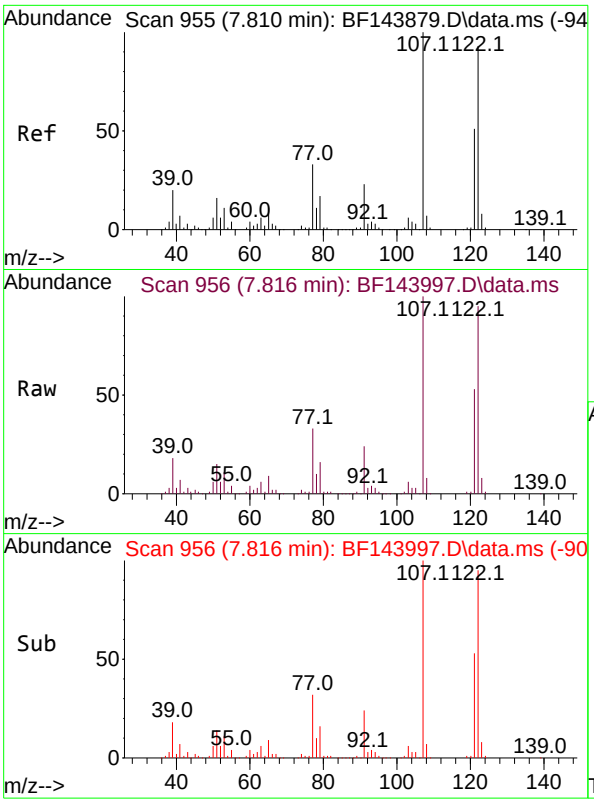


#26
2-Nitrophenol
Concen: 45.762 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:139 Resp: 152343

Ion	Ratio	Lower	Upper
139	100		
109	23.4	19.8	29.6
65	52.5	42.9	64.3



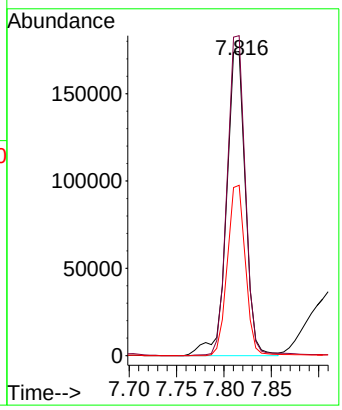


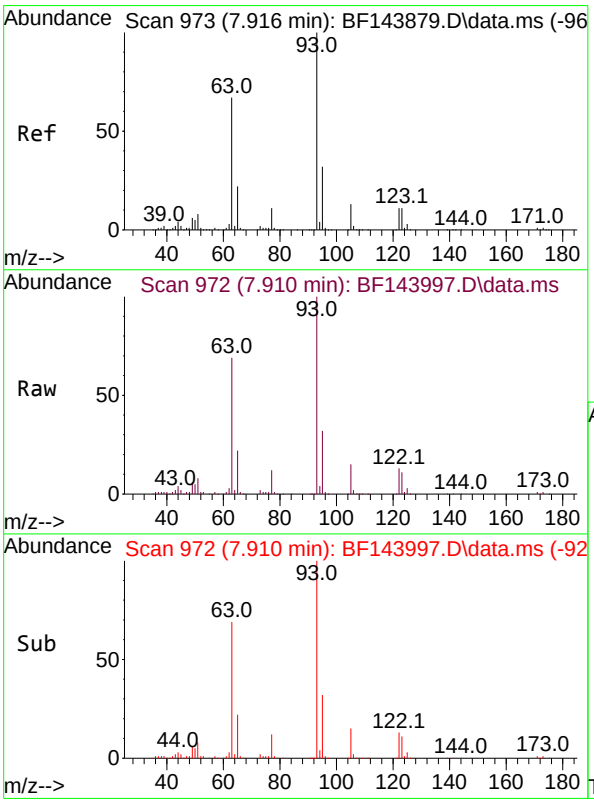
#27
2,4-Dimethylphenol
Concen: 40.563 ng
RT: 7.816 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 242907

Ion	Ratio	Lower	Upper
122	100		
107	105.2	86.1	129.1
121	56.0	43.8	65.6

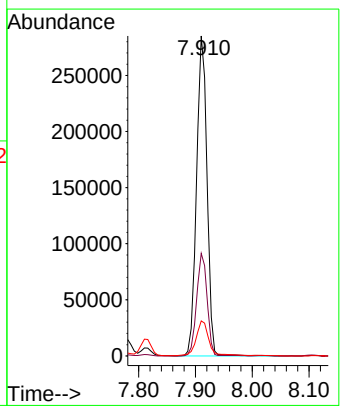


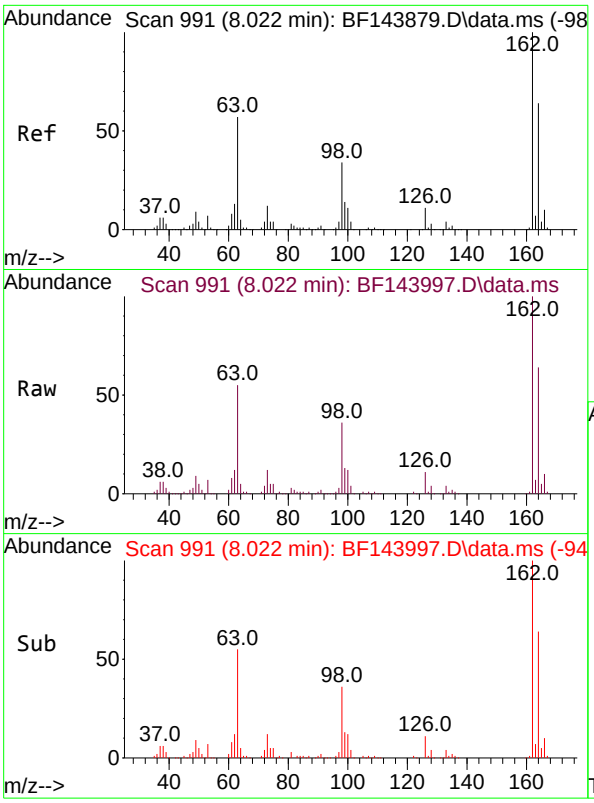


#28
bis(2-Chloroethoxy)methane
Concen: 39.012 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.012 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion: 93 Resp: 363320

Ion	Ratio	Lower	Upper
93	100		
95	32.0	25.9	38.9
123	10.9	9.4	14.0



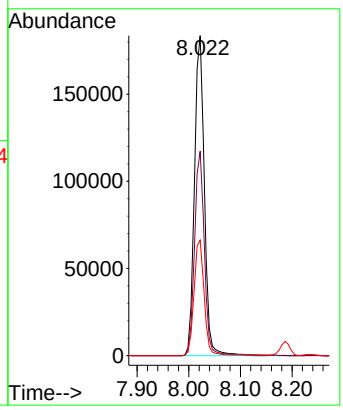


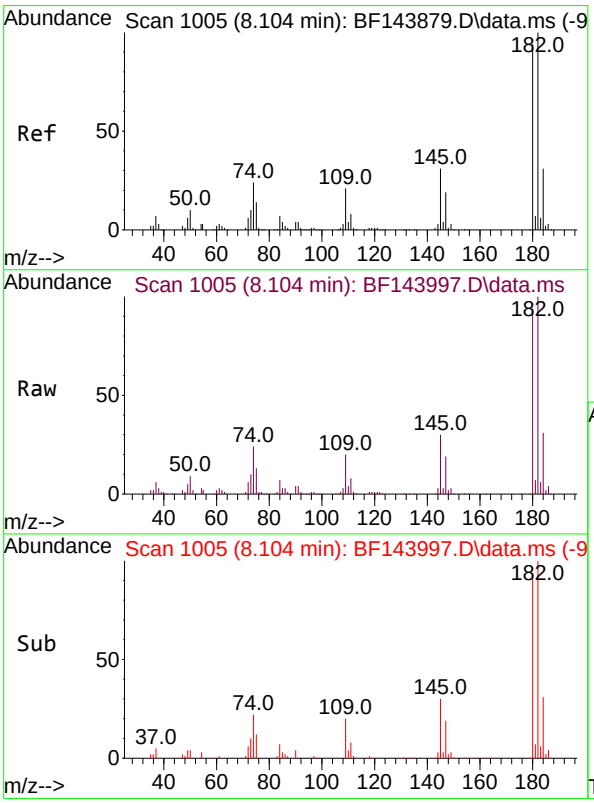
#29
2,4-Dichlorophenol
Concen: 39.243 ng
RT: 8.022 min Scan# 99
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 244787

Ion	Ratio	Lower	Upper
162	100		
164	63.9	43.9	83.9
98	36.1	14.4	54.4

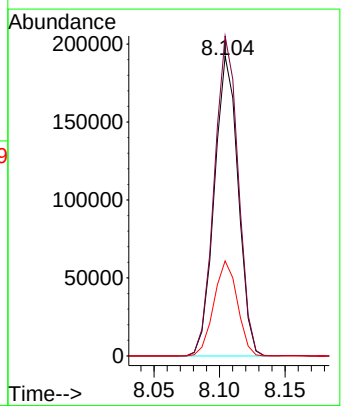


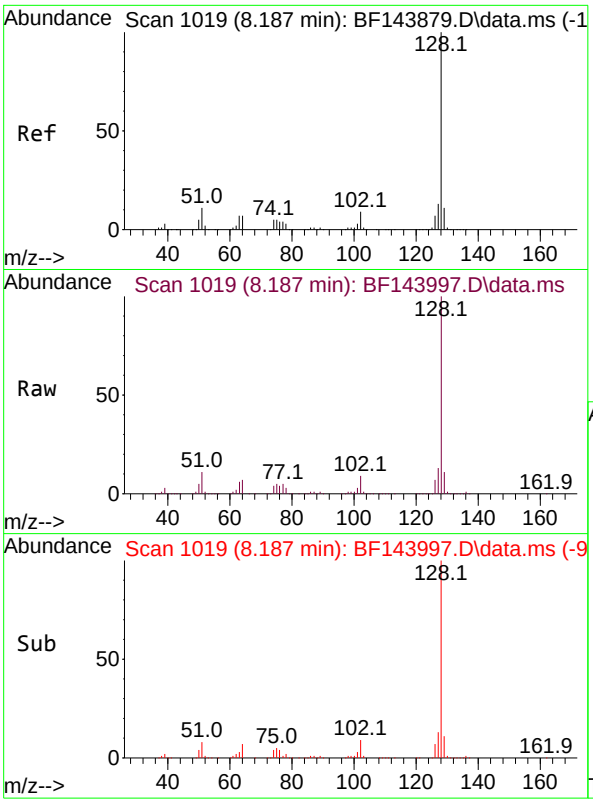


#30
1,2,4-Trichlorobenzene
Concen: 39.607 ng
RT: 8.104 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:180 Resp: 242977

Ion	Ratio	Lower	Upper
180	100		
182	106.8	85.4	128.0
145	31.7	26.3	39.5



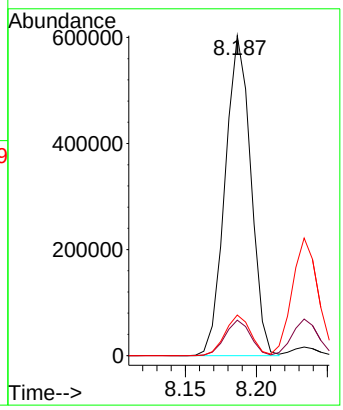


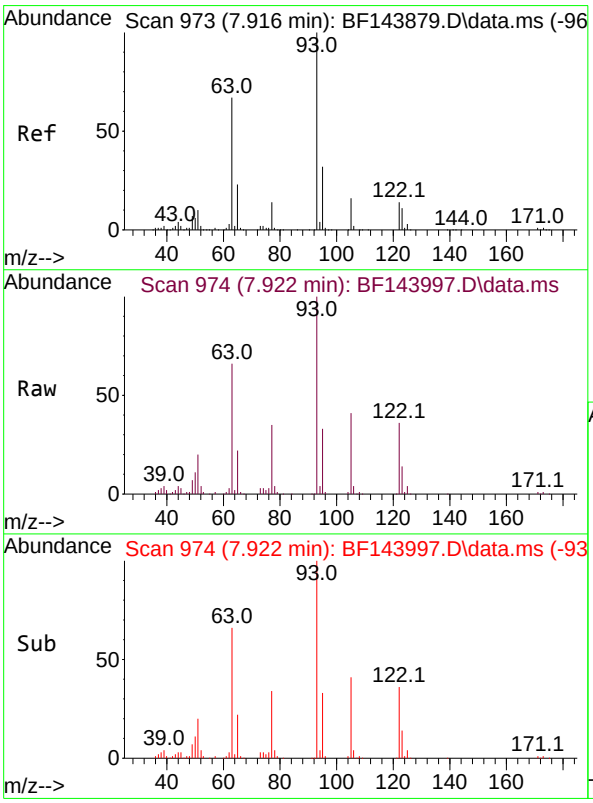
#31
Naphthalene
Concen: 39.234 ng
RT: 8.187 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 758157

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	12.7	10.0	15.0

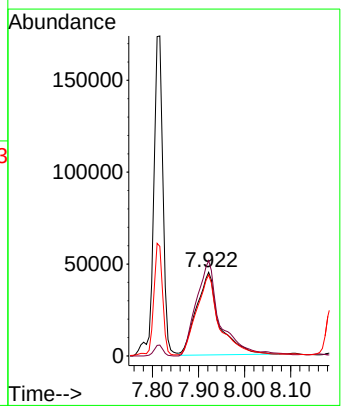


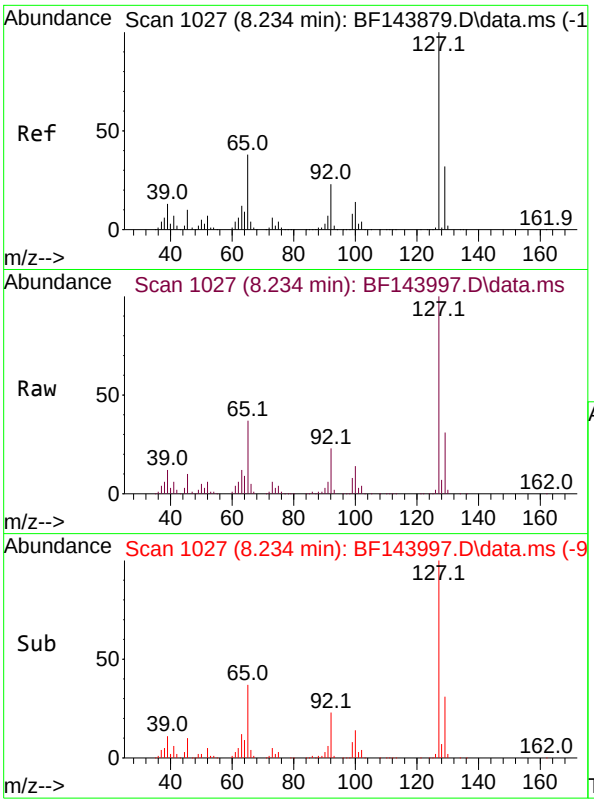


#32
Benzoic acid
Concen: 37.714 ng
RT: 7.922 min Scan# 974
Delta R.T. -0.041 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:122 Resp: 156304

Ion	Ratio	Lower	Upper
122	100		
105	114.0	93.5	133.5
77	97.0	76.3	116.3



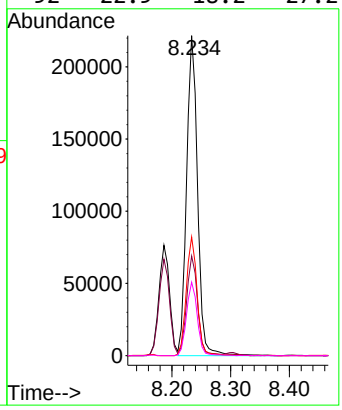


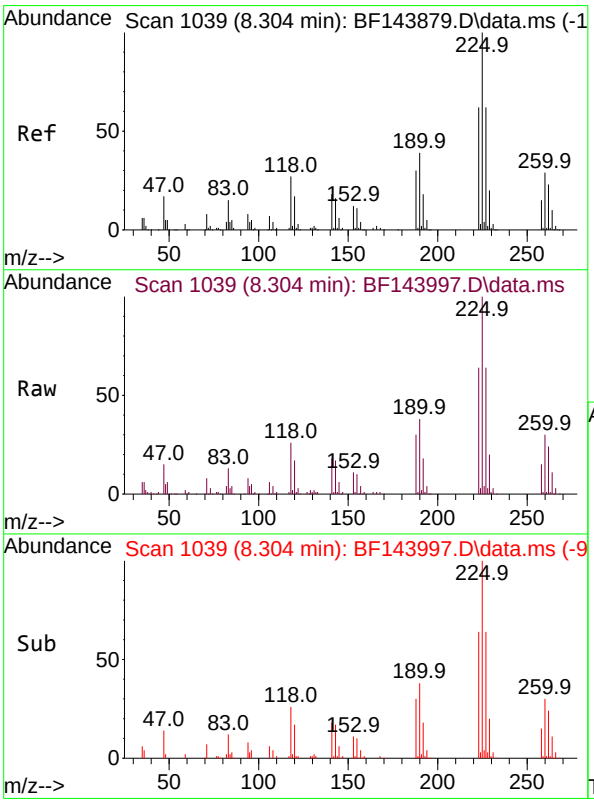
#33
4-Chloroaniline
Concen: 39.691 ng
RT: 8.234 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 287656

Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.8	38.8
65	37.1	30.0	45.0
92	22.9	18.2	27.2

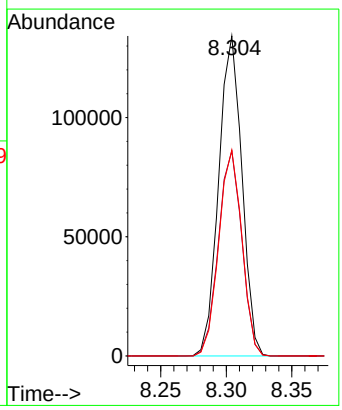


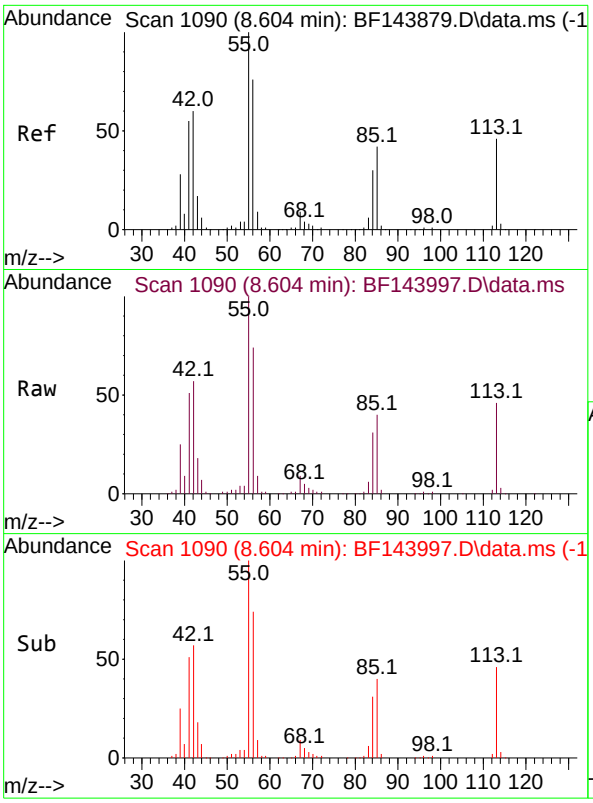


#34
Hexachlorobutadiene
Concen: 38.752 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:225 Resp: 165202

Ion	Ratio	Lower	Upper
225	100		
223	64.0	49.4	74.2
227	64.3	49.7	74.5



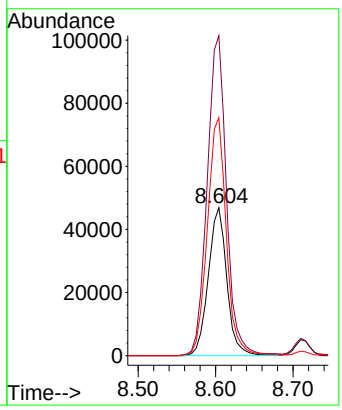


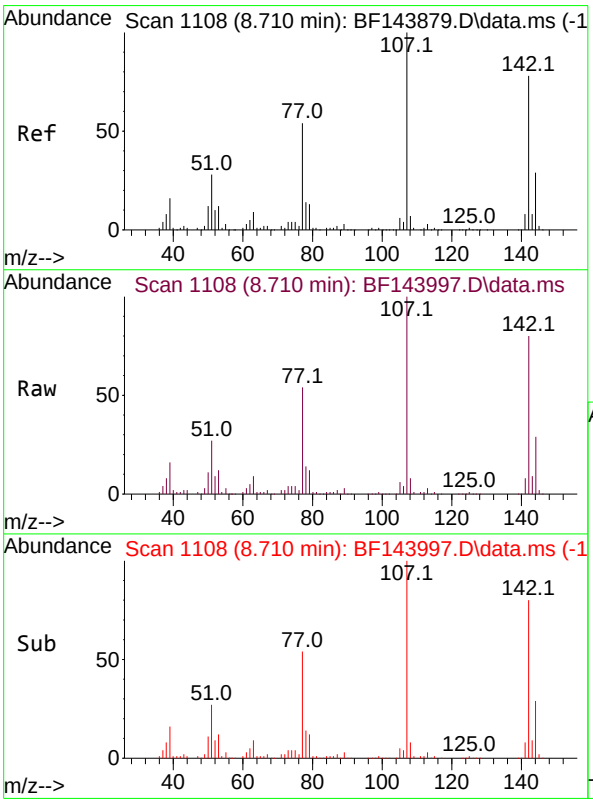
#35
Caprolactam
Concen: 39.344 ng
RT: 8.604 min Scan# 10
Delta R.T. -0.041 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 78033

Ion	Ratio	Lower	Upper
113	100		
55	216.3	199.6	239.6
56	160.7	146.0	186.0

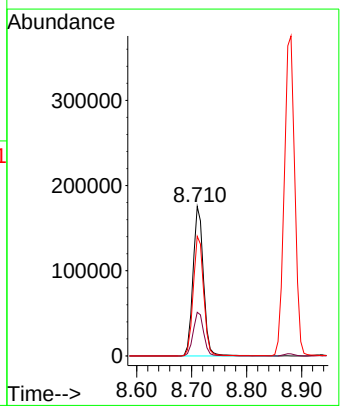


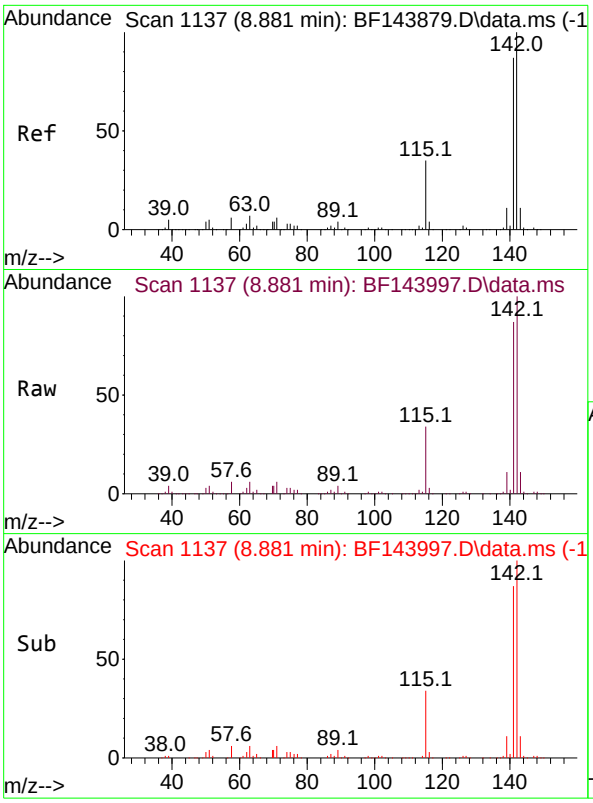


#36
4-Chloro-3-methylphenol
Concen: 38.675 ng
RT: 8.710 min Scan# 1108
Delta R.T. -0.012 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:107 Resp: 231734

Ion	Ratio	Lower	Upper
107	100		
144	29.2	23.1	34.7
142	80.0	62.6	94.0



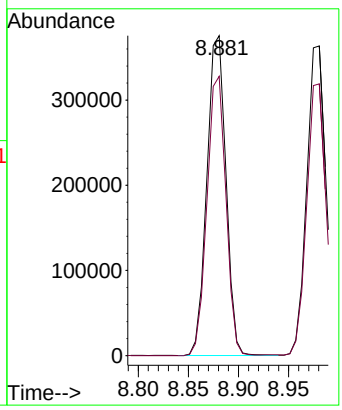


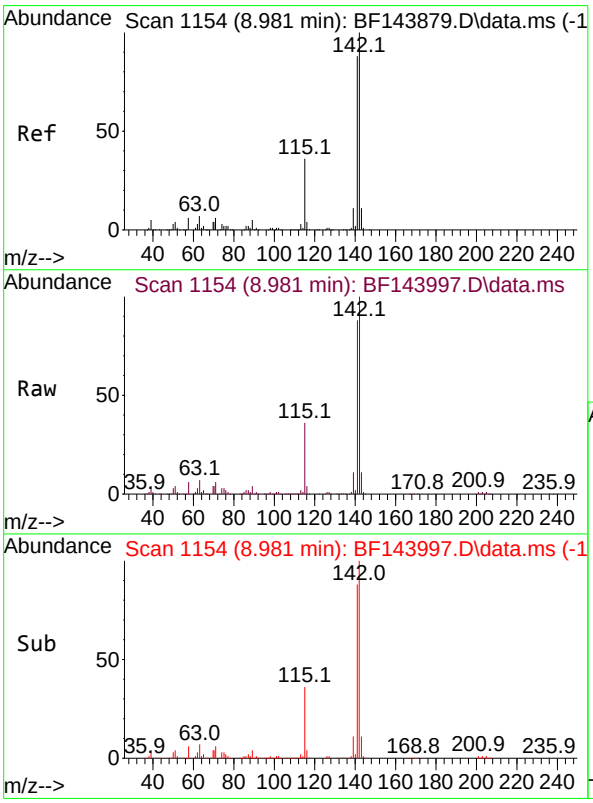
#37
2-Methylnaphthalene
Concen: 38.483 ng
RT: 8.881 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 495354

Ion	Ratio	Lower	Upper
142	100		
141	87.3	69.2	103.8

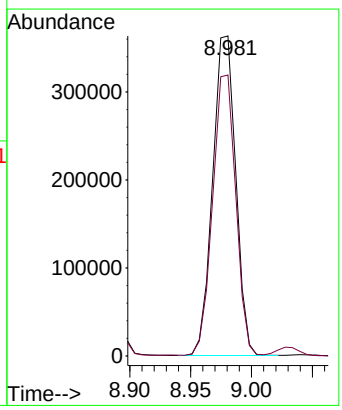


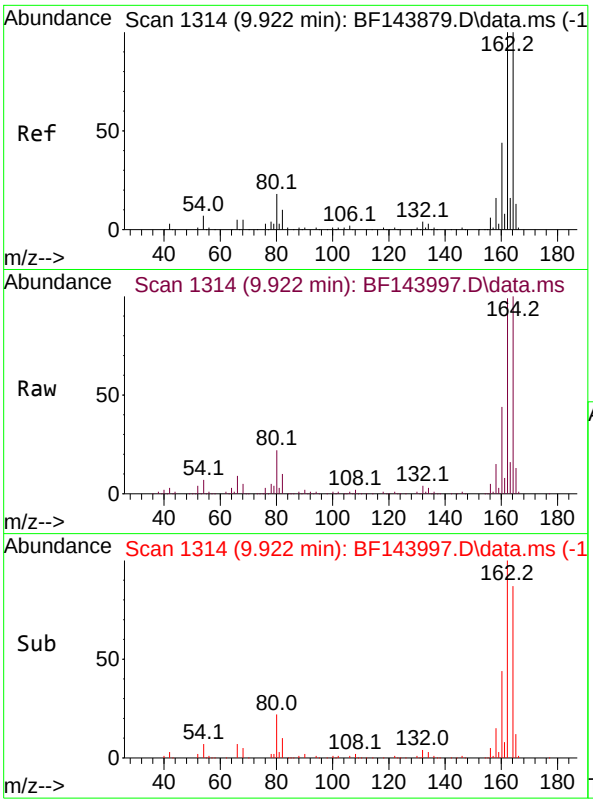


#38
1-Methylnaphthalene
Concen: 38.454 ng
RT: 8.981 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:142 Resp: 480130

Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.8	106.2



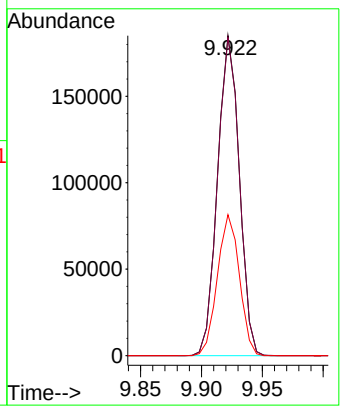


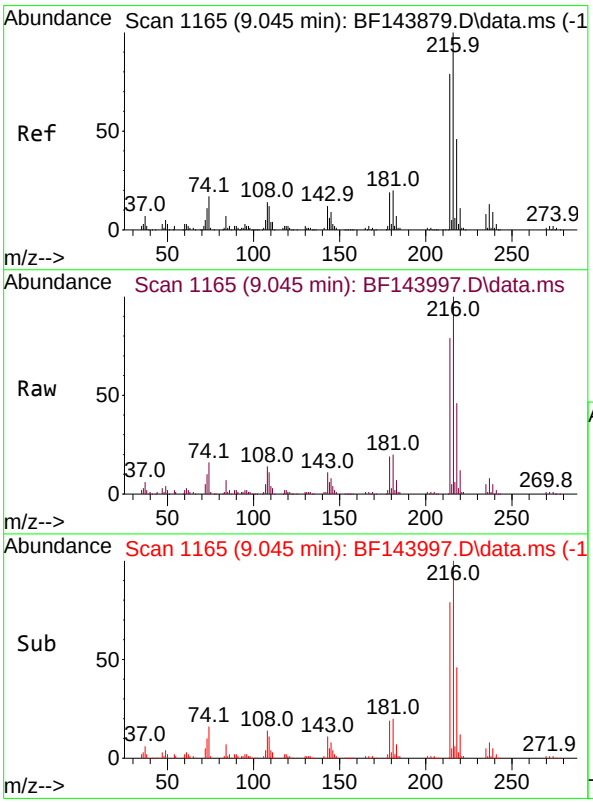
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1
Delta R.T. -0.005 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 230266

Ion	Ratio	Lower	Upper
164	100		
162	99.4	80.2	120.2
160	44.1	35.4	53.0

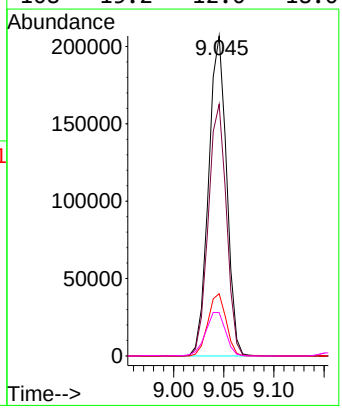


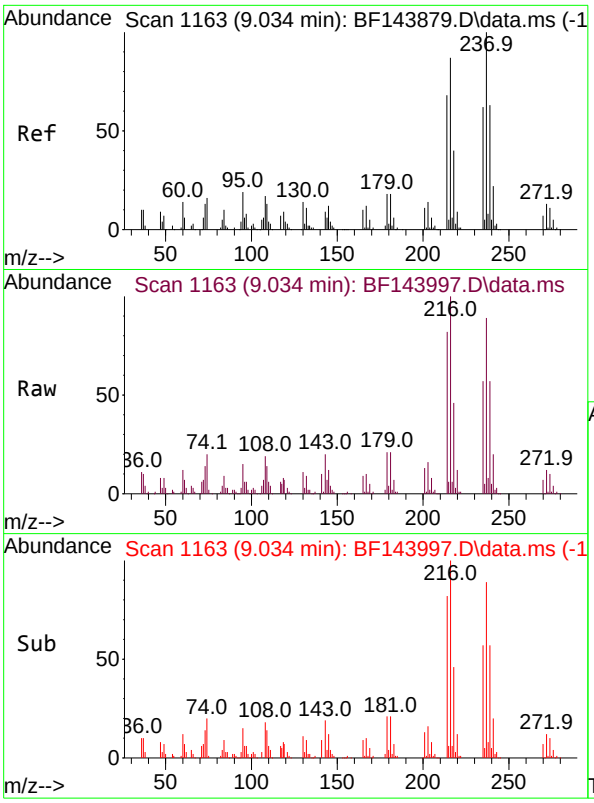


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.516 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:216 Resp: 257851

Ion	Ratio	Lower	Upper
216	100		
214	78.9	62.6	94.0
179	19.5	15.4	23.0
108	15.2	12.0	18.0



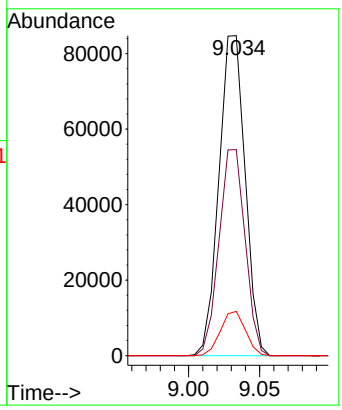


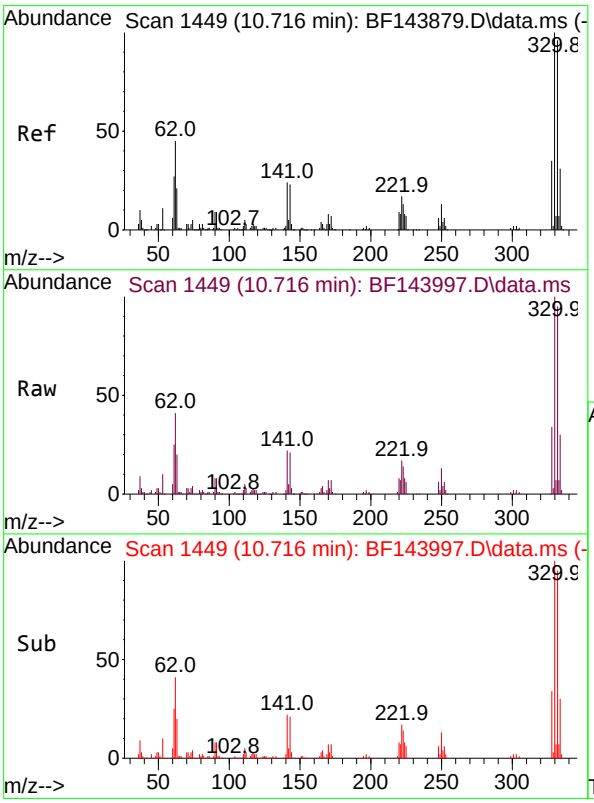
#41
Hexachlorocyclopentadiene
Concen: 41.223 ng
RT: 9.034 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 108840

Ion	Ratio	Lower	Upper
237	100		
235	64.4	42.3	82.3
272	13.8	0.0	33.1

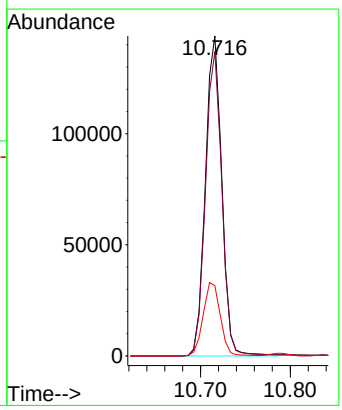


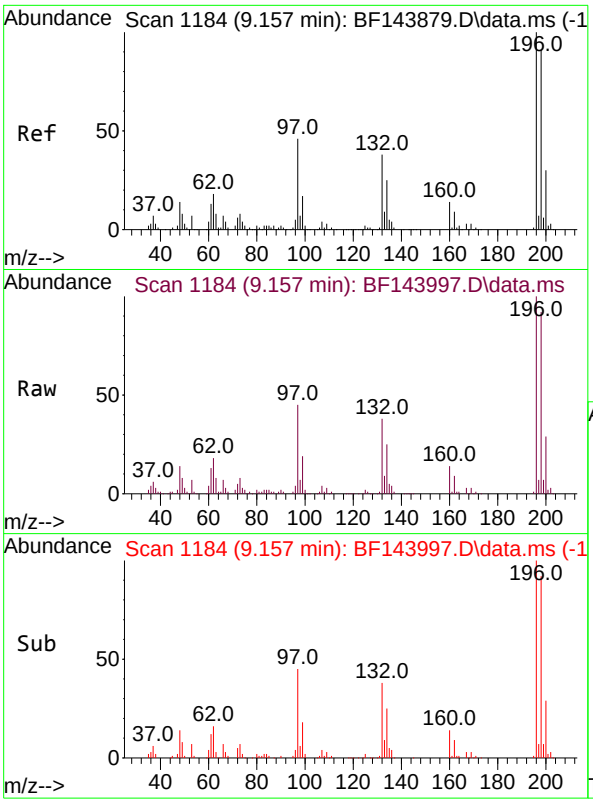


#42
2,4,6-Tribromophenol
Concen: 79.625 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:330 Resp: 182619

Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.9	115.3
141	24.0	20.2	30.4



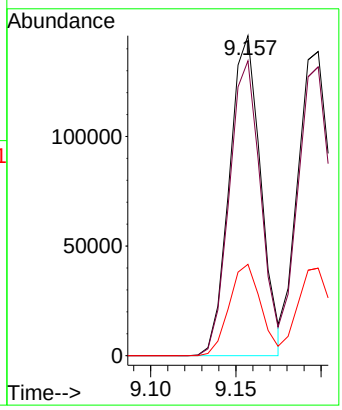


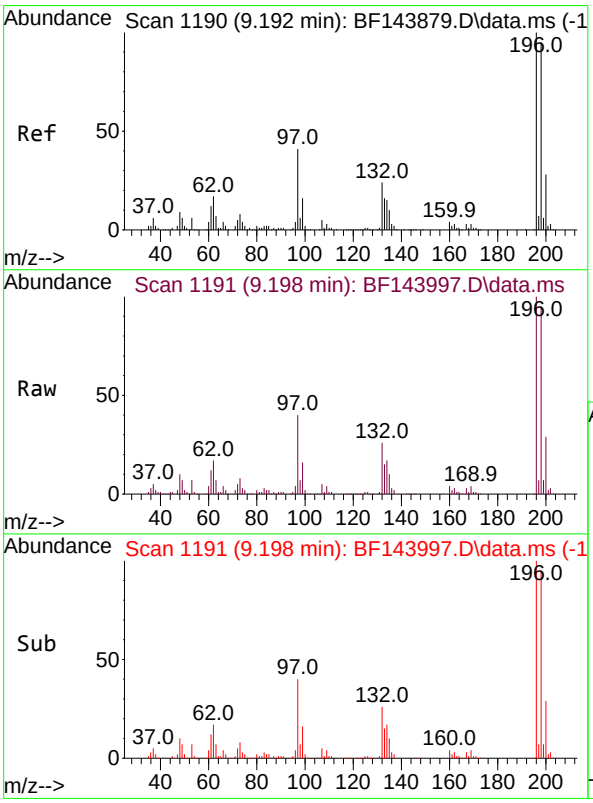
#43
2,4,6-Trichlorophenol
Concen: 40.143 ng
RT: 9.157 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 186670

Ion	Ratio	Lower	Upper
196	100		
198	92.1	72.8	109.2
200	28.5	24.0	36.0

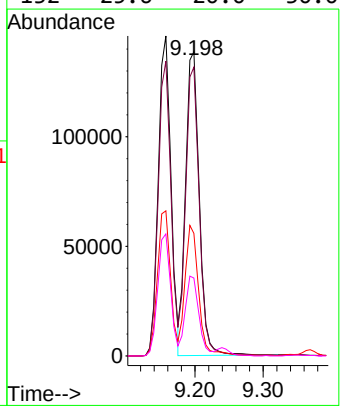


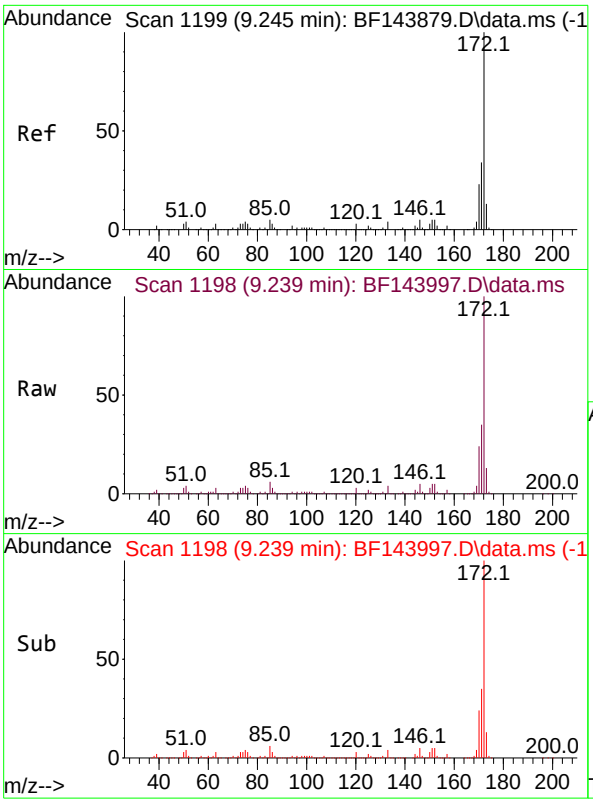


#44
2,4,5-Trichlorophenol
Concen: 39.592 ng
RT: 9.198 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:196 Resp: 194558

Ion	Ratio	Lower	Upper
196	100		
198	94.9	75.5	113.3
97	40.3	33.9	50.9
132	25.6	20.0	30.0



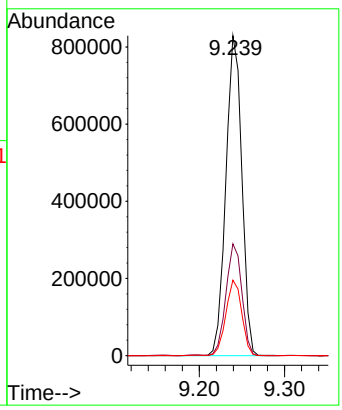


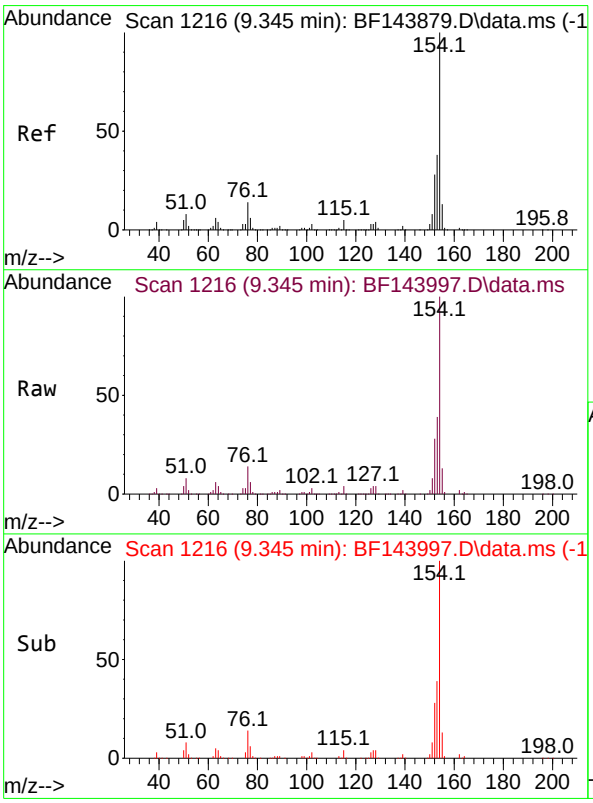
#45
2-Fluorobiphenyl
Concen: 74.153 ng
RT: 9.239 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 1076099

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.4	41.0
170	23.6	18.6	28.0

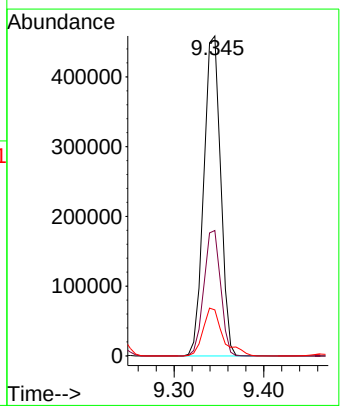


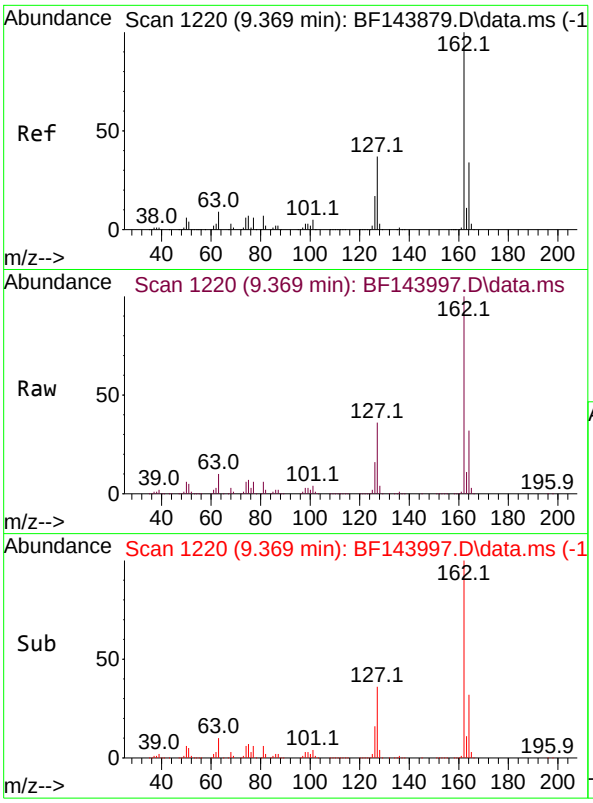


#46
1,1'-Biphenyl
Concen: 39.160 ng
RT: 9.345 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:154 Resp: 597014

Ion	Ratio	Lower	Upper
154	100		
153	39.2	18.4	58.4
76	14.4	0.0	34.0



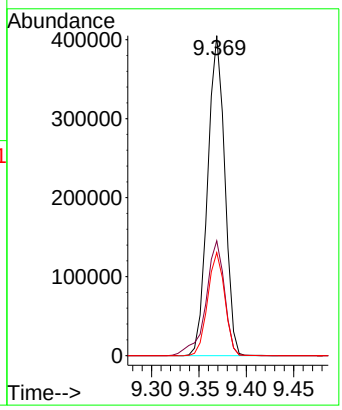


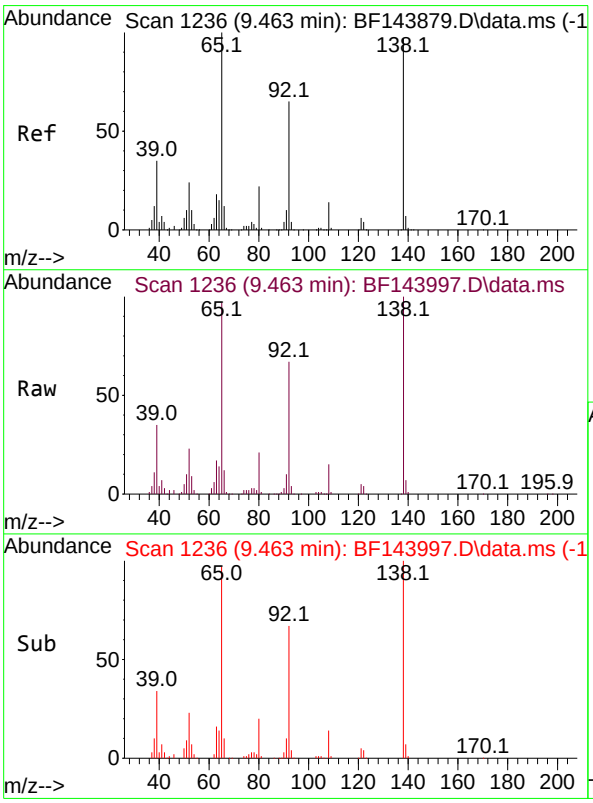
#47
2-Chloronaphthalene
Concen: 40.014 ng
RT: 9.369 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 508631

Ion	Ratio	Lower	Upper
162	100		
127	35.9	30.2	45.2
164	32.2	26.9	40.3

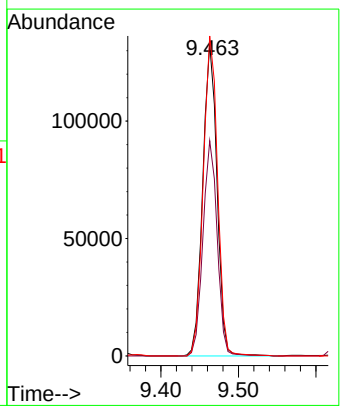


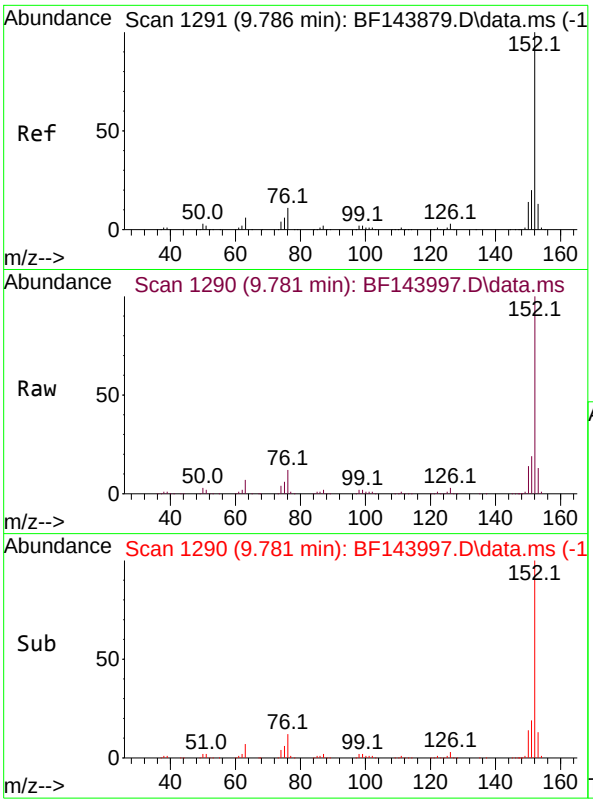


#48
2-Nitroaniline
Concen: 42.245 ng
RT: 9.463 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion: 65 Resp: 169771

Ion	Ratio	Lower	Upper
65	100		
92	69.0	52.1	78.1
138	102.6	77.4	116.2



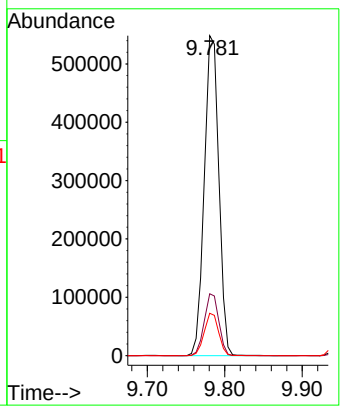


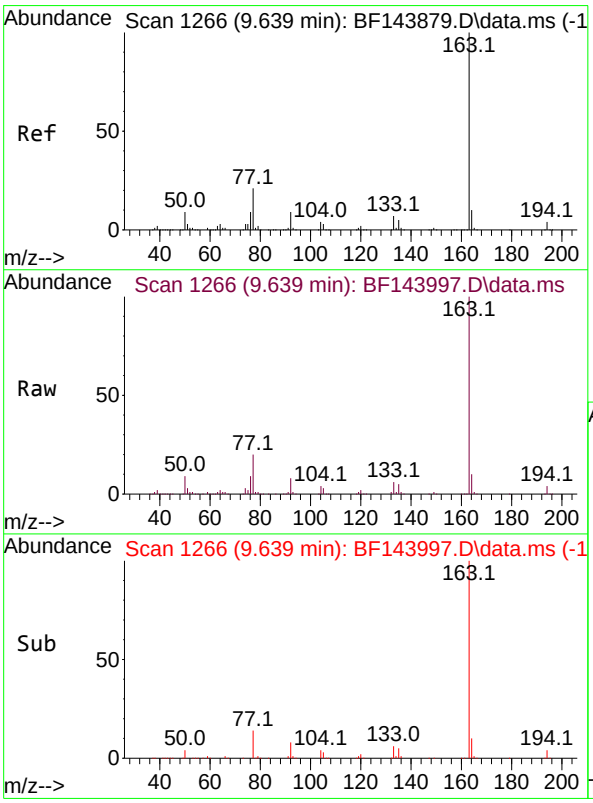
#49
Acenaphthylene
Concen: 40.020 ng
RT: 9.781 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 715169

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.8	23.6
153	13.2	10.5	15.7

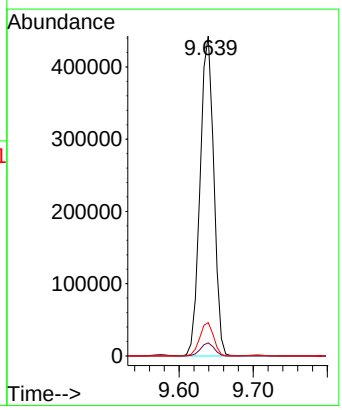


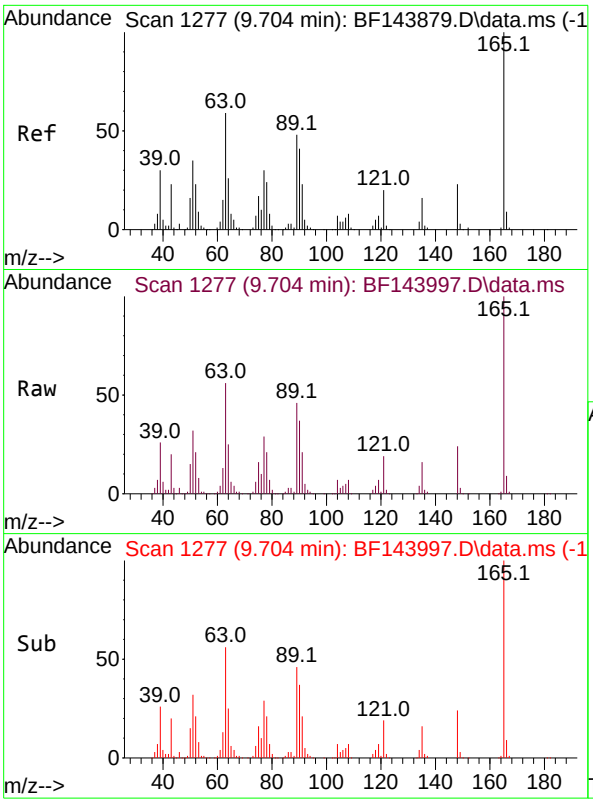


#50
Dimethylphthalate
Concen: 38.976 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:163 Resp: 569940

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.4	8.1	12.1



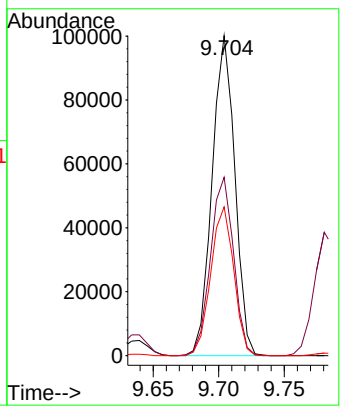


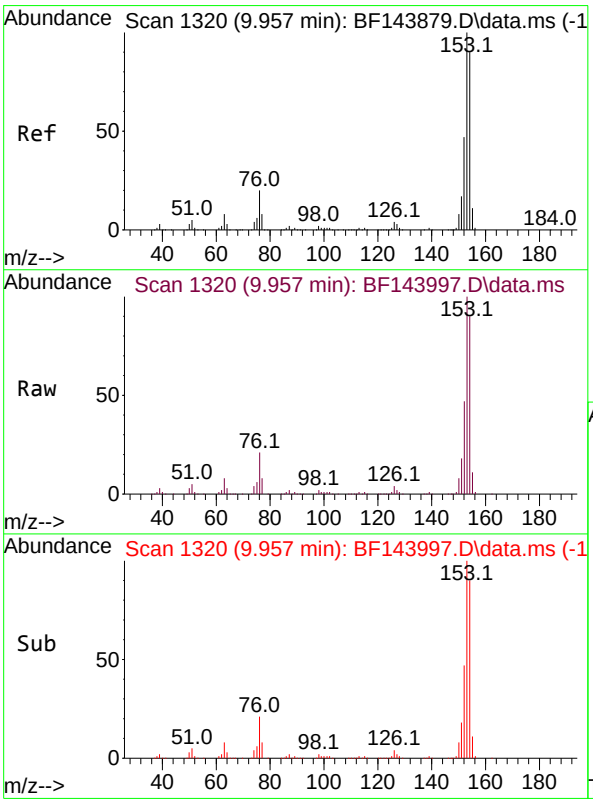
#51
2,6-Dinitrotoluene
Concen: 44.543 ng
RT: 9.704 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 120781

Ion	Ratio	Lower	Upper
165	100		
63	55.7	47.3	70.9
89	46.5	38.2	57.4

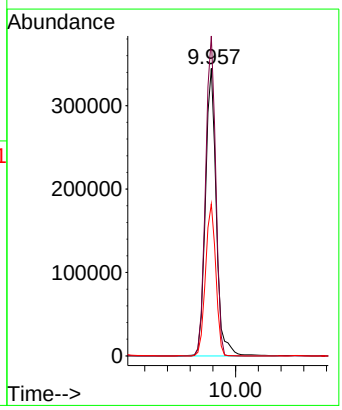


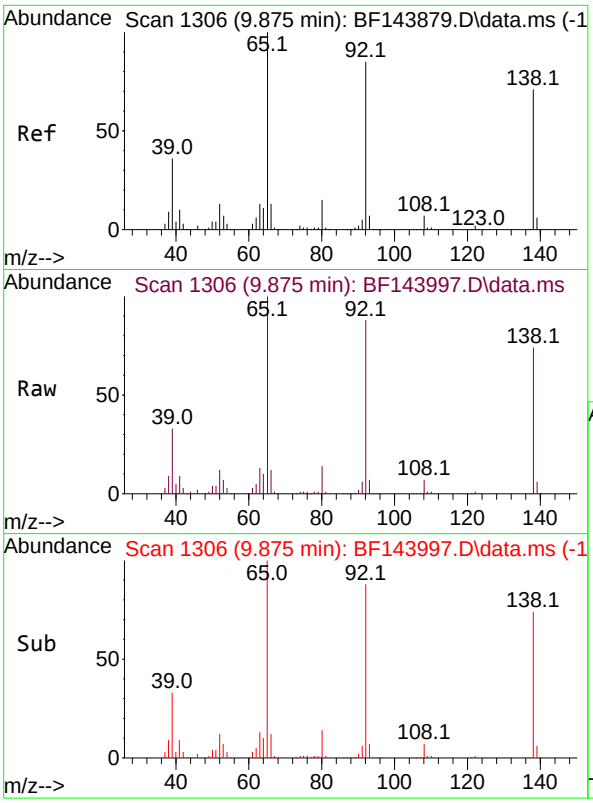


#52
Acenaphthene
Concen: 39.116 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:154 Resp: 458028

Ion	Ratio	Lower	Upper
154	100		
153	111.3	89.3	133.9
152	52.8	42.2	63.2



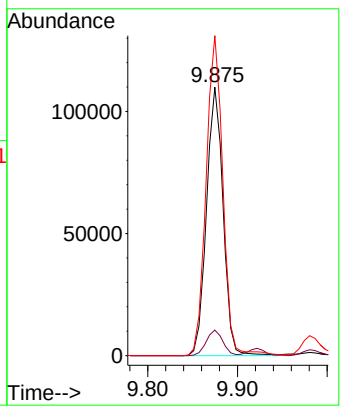


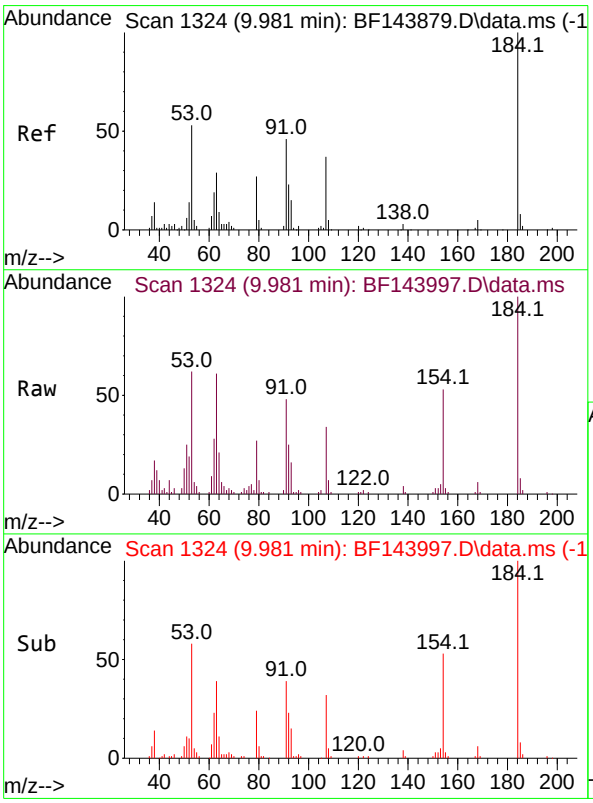
#53
3-Nitroaniline
Concen: 42.535 ng
RT: 9.875 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 141223

Ion	Ratio	Lower	Upper
138	100		
108	9.5	8.3	12.5
92	119.2	96.2	144.2

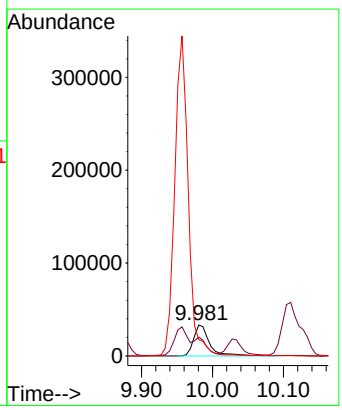


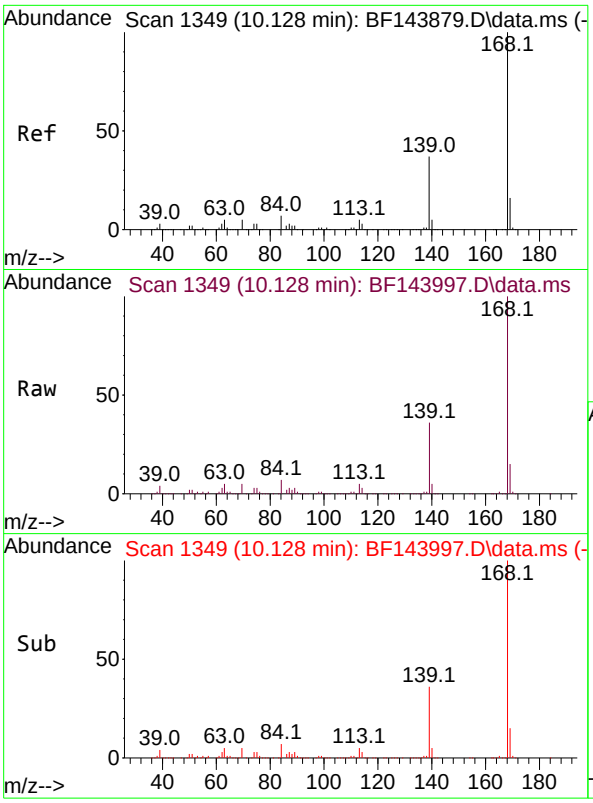


#54
2,4-Dinitrophenol
Concen: 35.105 ng
RT: 9.981 min Scan# 1324
Delta R.T. -0.005 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:184 Resp: 51582

Ion	Ratio	Lower	Upper
184	100		
63	61.4	48.2	72.4
154	53.3	49.2	73.8



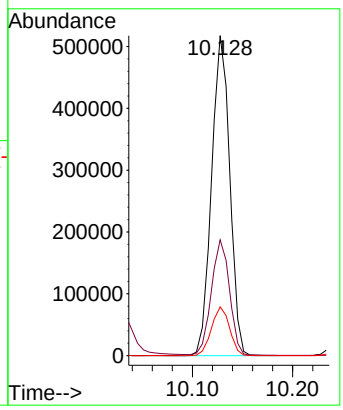


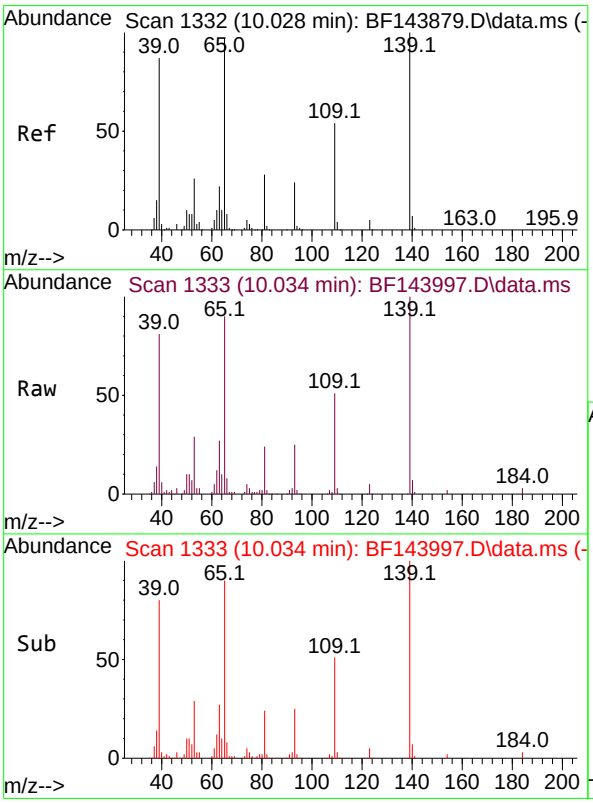
#55
Dibenzofuran
Concen: 39.478 ng
RT: 10.128 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 652550

Ion	Ratio	Lower	Upper
168	100		
139	36.2	29.8	44.8
169	15.2	12.8	19.2

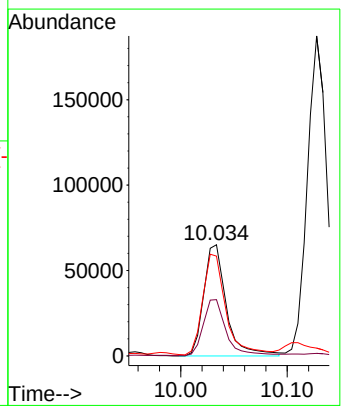


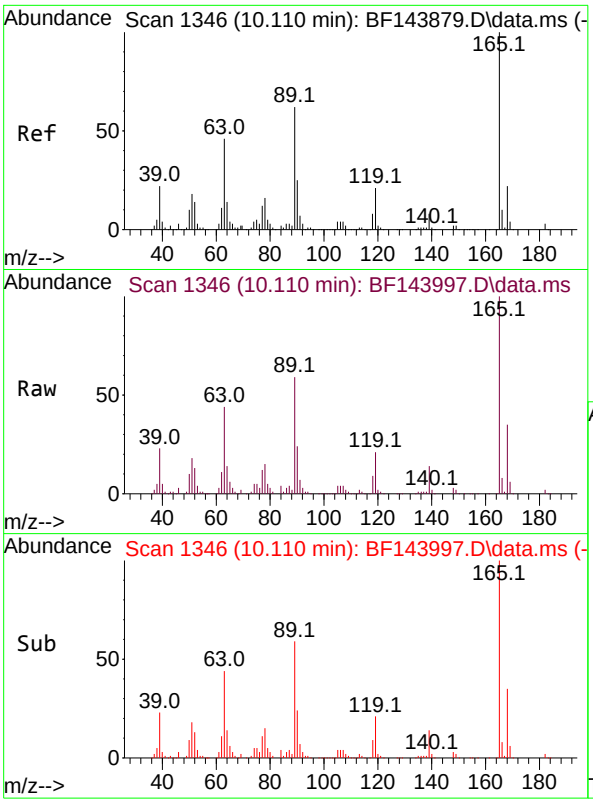


#56
4-Nitrophenol
Concen: 38.222 ng
RT: 10.034 min Scan# 1333
Delta R.T. -0.005 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:139 Resp: 96087

Ion	Ratio	Lower	Upper
139	100		
109	50.6	34.5	74.5
65	89.8	77.6	117.6



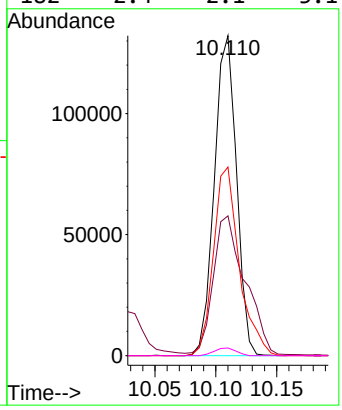


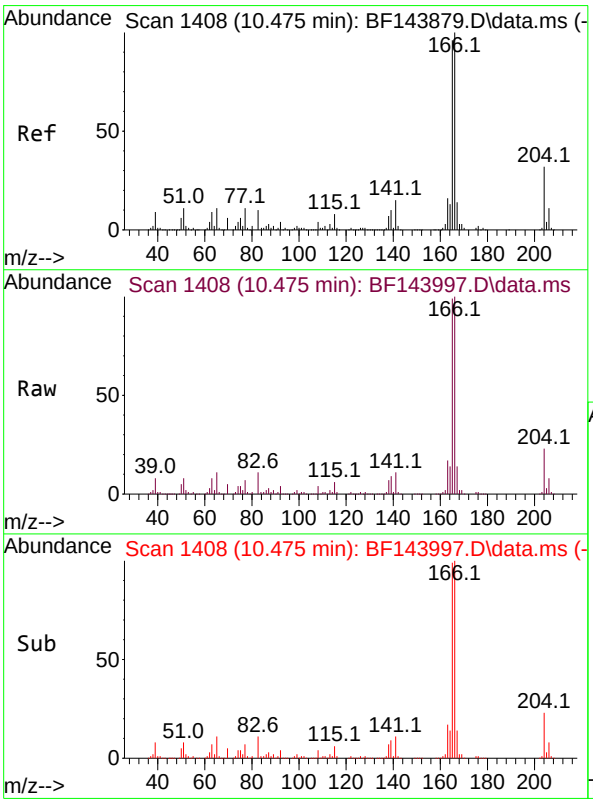
#57
2,4-Dinitrotoluene
Concen: 45.401 ng
RT: 10.110 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 167503

Ion	Ratio	Lower	Upper
165	100		
63	43.7	37.2	55.8
89	58.9	49.4	74.2
182	2.4	2.1	3.1

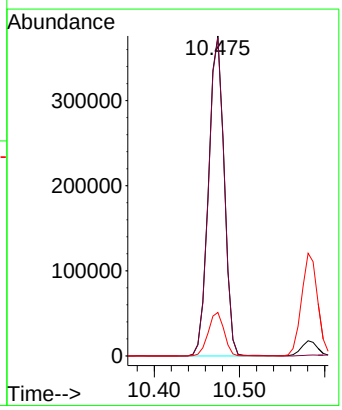


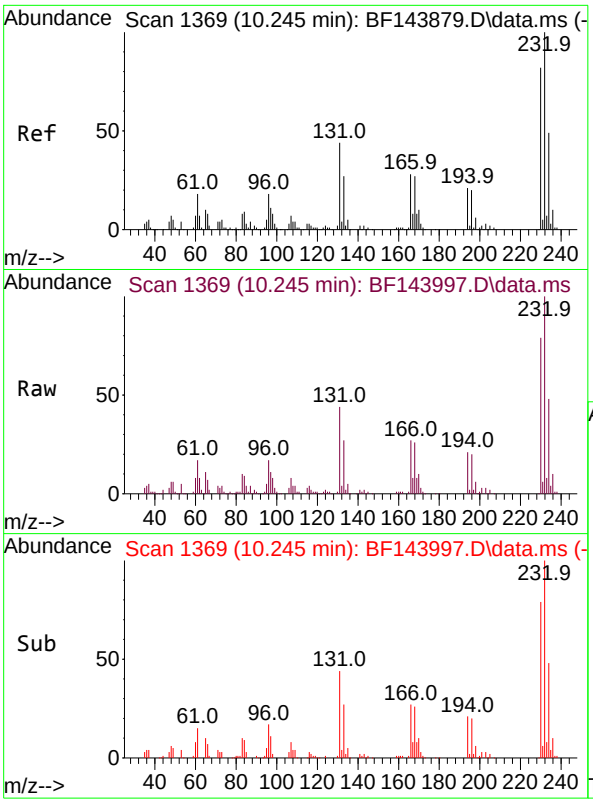


#58
Fluorene
Concen: 38.388 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:166 Resp: 478793

Ion	Ratio	Lower	Upper
166	100		
165	99.4	77.0	115.6
167	13.6	11.1	16.7



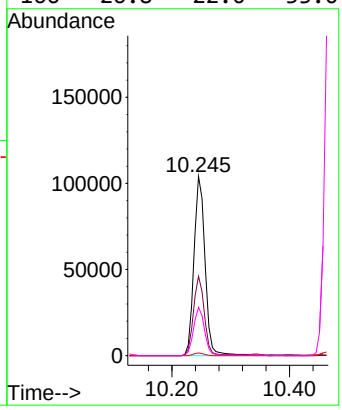


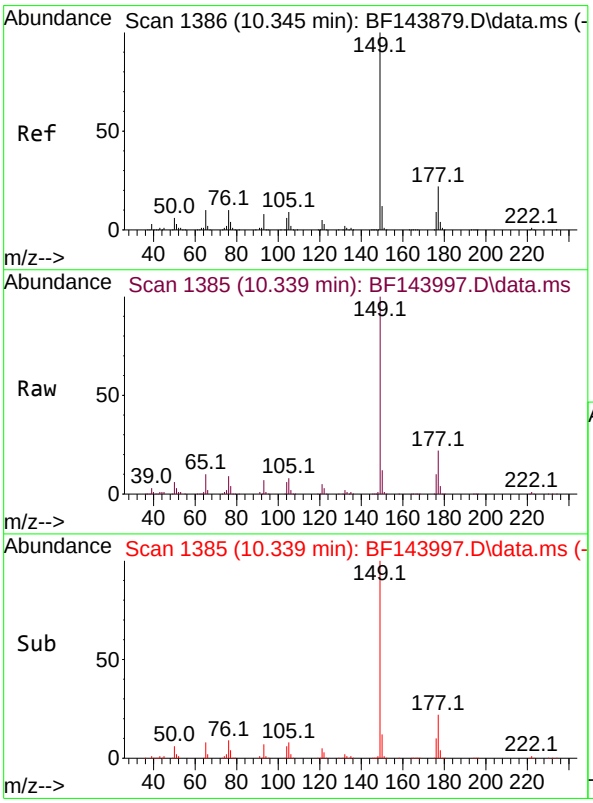
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.485 ng
RT: 10.245 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 137352

Ion	Ratio	Lower	Upper
232	100		
131	43.4	34.9	52.3
130	1.4	1.6	2.4#
166	26.8	22.0	33.0

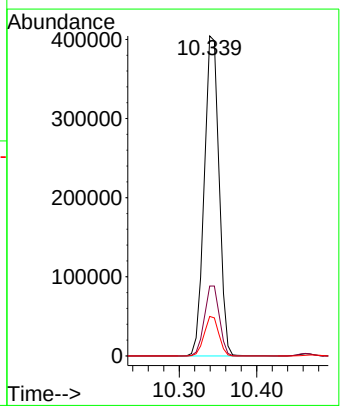


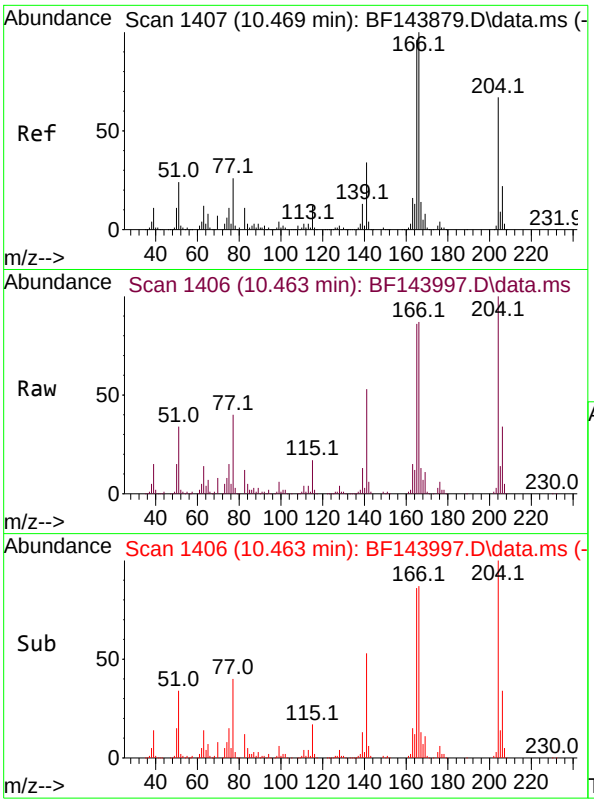


#60
Diethylphthalate
Concen: 39.405 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.012 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:149 Resp: 535315

Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.9	26.9
150	12.3	9.8	14.8



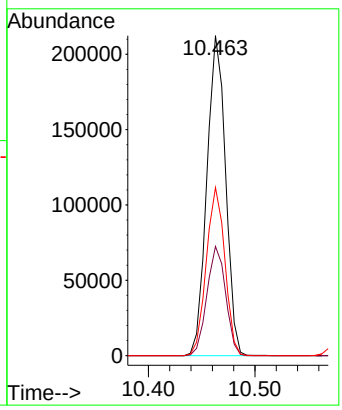


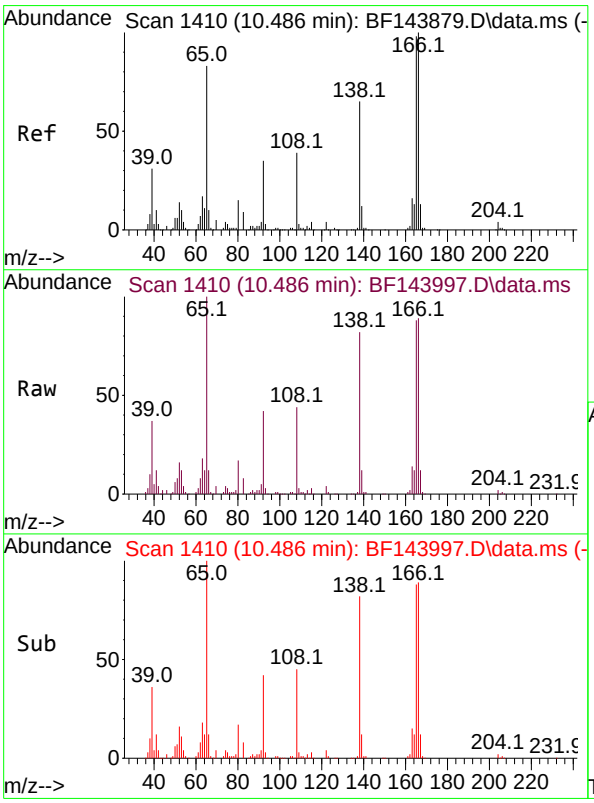
#61
4-Chlorophenyl-phenylether
Concen: 39.311 ng
RT: 10.463 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 259220

Ion	Ratio	Lower	Upper
204	100		
206	34.1	26.6	40.0
141	52.5	40.4	60.6

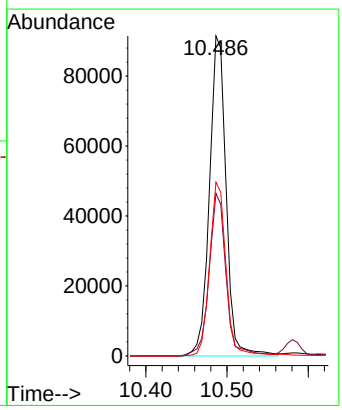


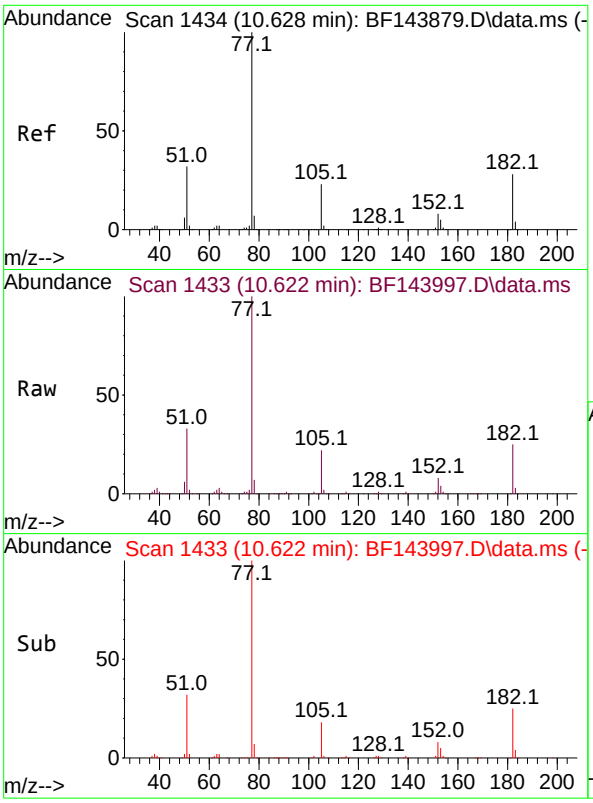


#62
4-Nitroaniline
Concen: 40.972 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.023 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:138 Resp: 130811

Ion	Ratio	Lower	Upper
138	100		
92	50.8	33.9	73.9
108	54.3	40.2	80.2



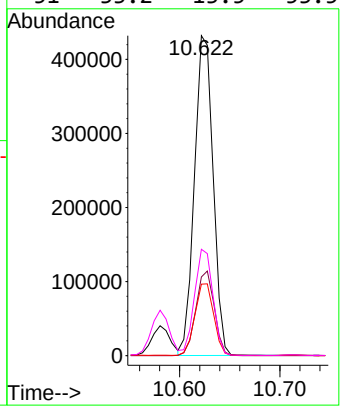


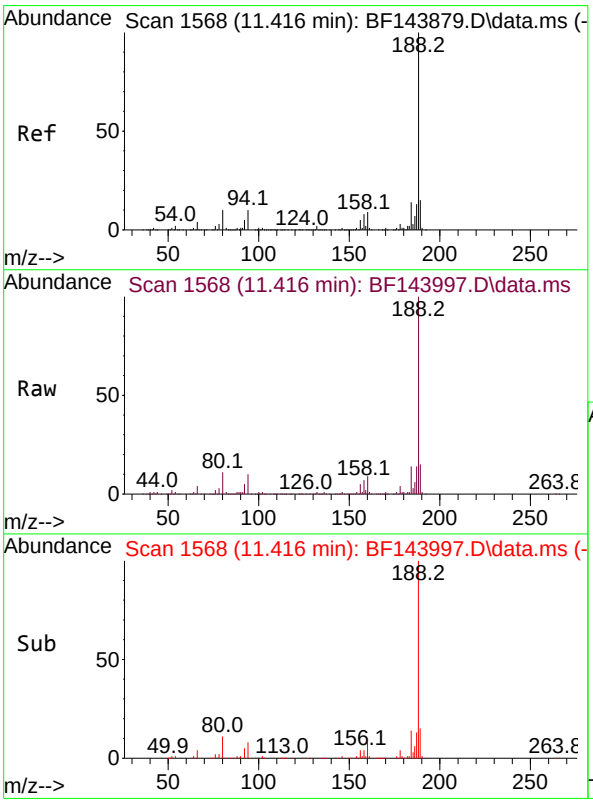
#63
Azobenzene
Concen: 39.330 ng
RT: 10.622 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 558403

Ion	Ratio	Lower	Upper
77	100		
182	24.6	7.3	47.3
105	22.3	3.0	43.0
51	33.2	13.5	53.5

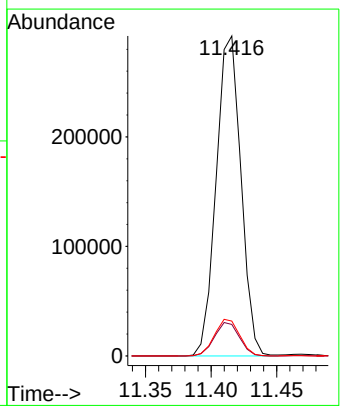


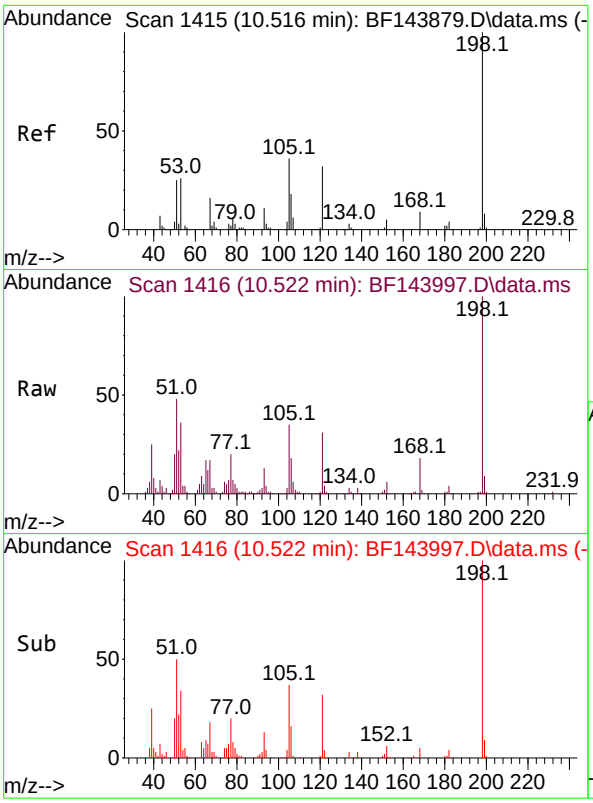


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:188 Resp: 385198

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.8	11.6
80	10.9	7.9	11.9



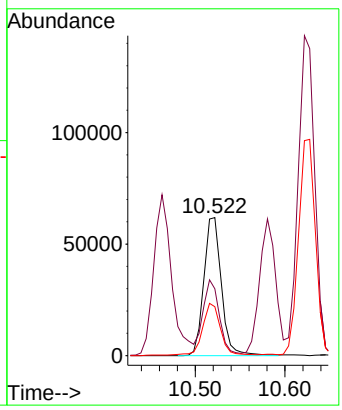


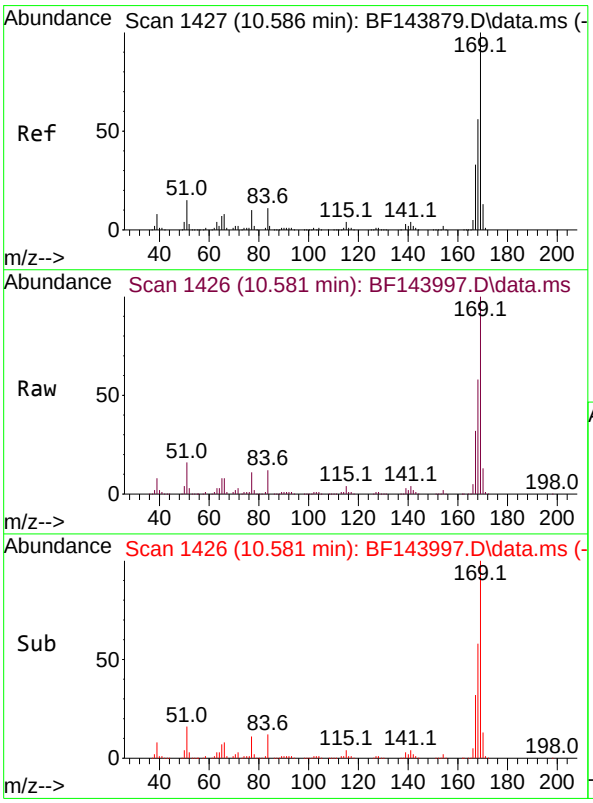
#65
4,6-Dinitro-2-methylphenol
Concen: 43.655 ng
RT: 10.522 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 84504

Ion	Ratio	Lower	Upper
198	100		
51	48.4	33.8	73.8
105	35.4	17.0	57.0

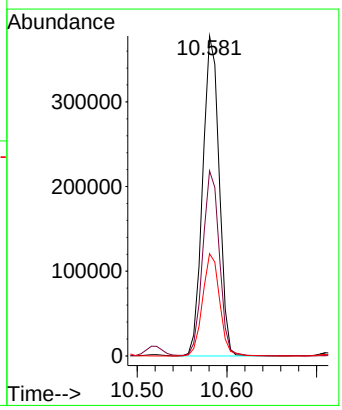


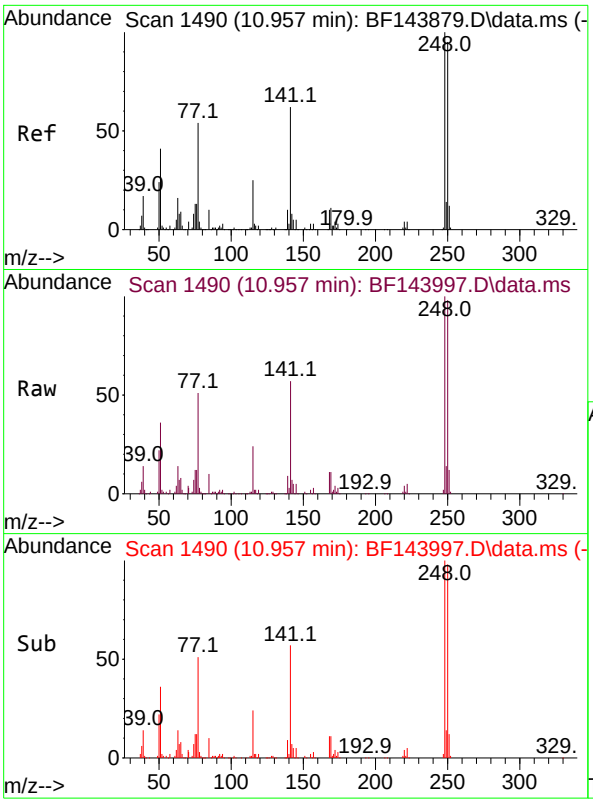


#66
n-Nitrosodiphenylamine
Concen: 39.818 ng
RT: 10.581 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:169 Resp: 481588

Ion	Ratio	Lower	Upper
169	100		
168	57.8	44.9	67.3
167	31.9	26.3	39.5



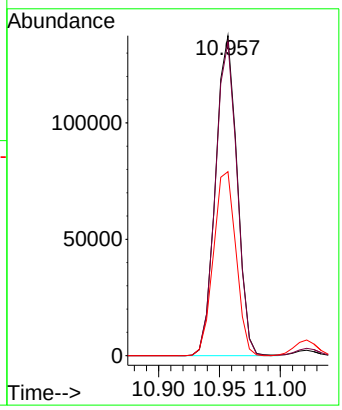


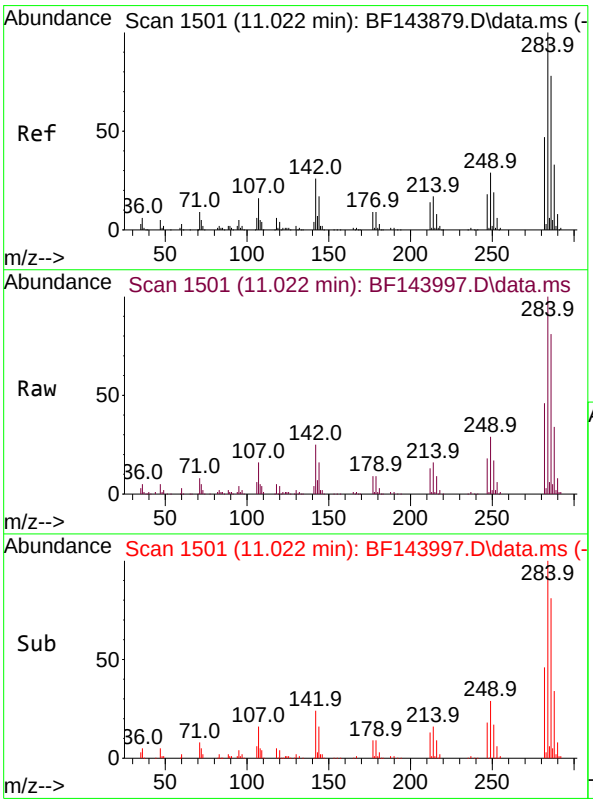
#67
4-Bromophenyl-phenylether
Concen: 39.762 ng
RT: 10.957 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 169268

Ion	Ratio	Lower	Upper
248	100		
250	97.9	76.3	114.5
141	57.5	49.7	74.5

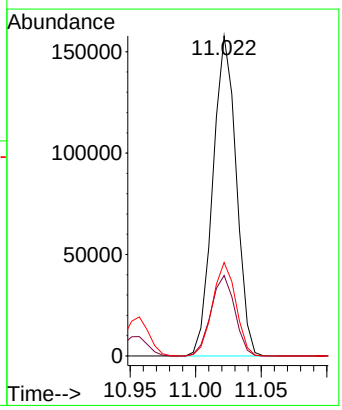


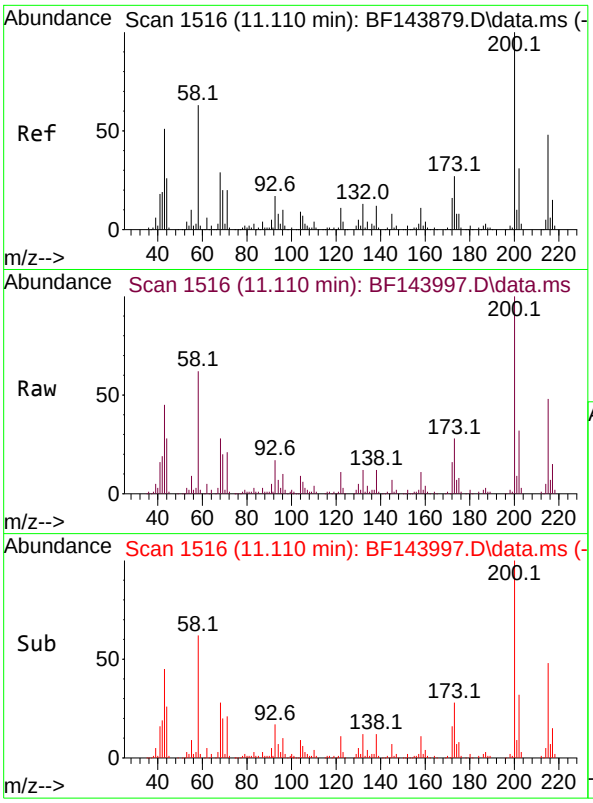


#68
Hexachlorobenzene
Concen: 39.674 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:284 Resp: 195530

Ion	Ratio	Lower	Upper
284	100		
142	25.2	20.6	30.8
249	29.2	23.2	34.8



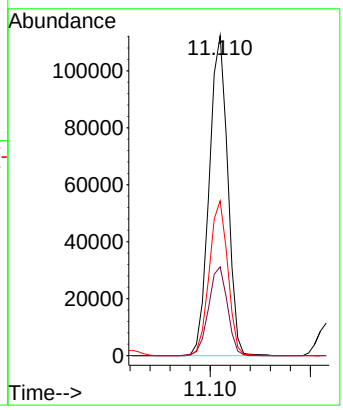


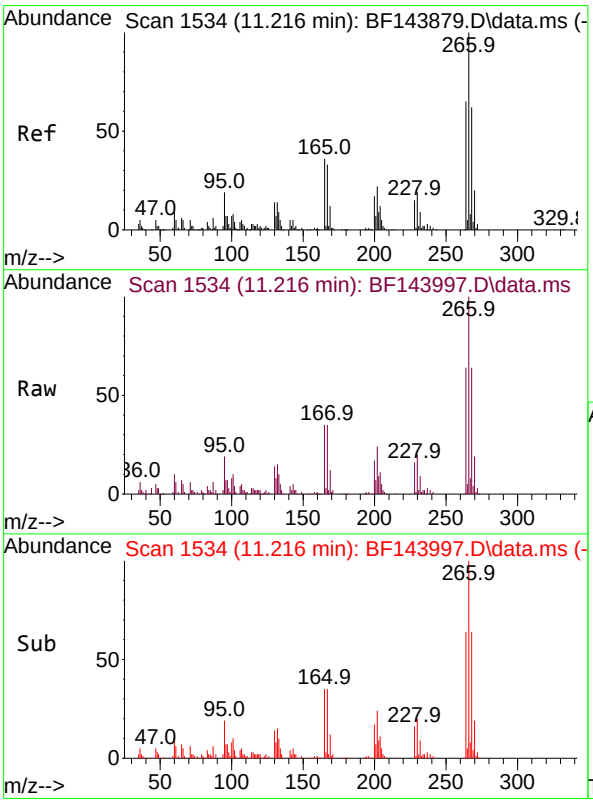
#69
Atrazine
Concen: 39.148 ng
RT: 11.110 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 143511

Ion	Ratio	Lower	Upper
200	100		
173	27.7	7.0	47.0
215	48.4	27.8	67.8

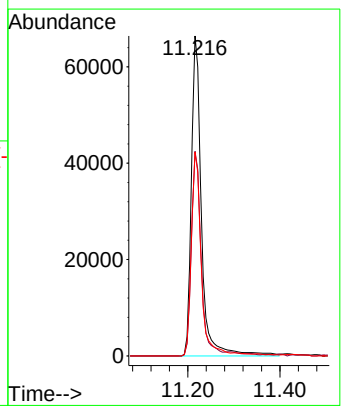


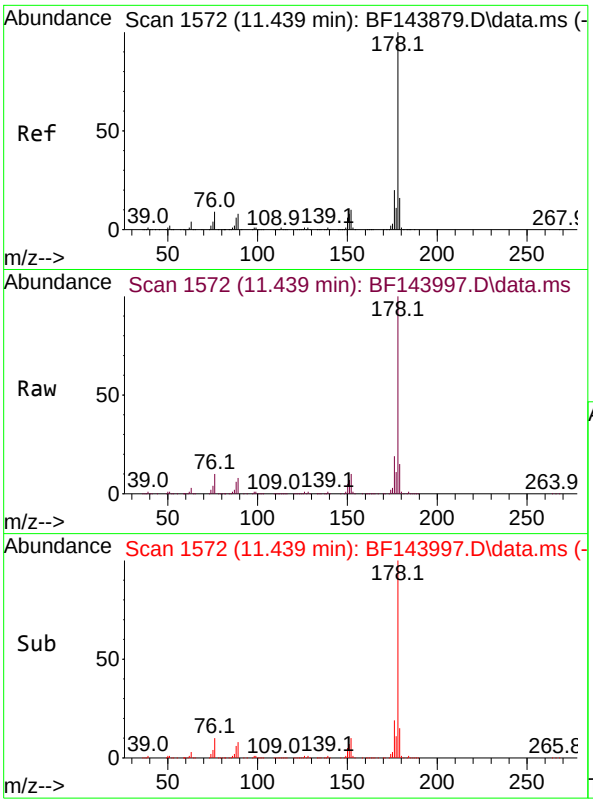


#70
Pentachlorophenol
Concen: 35.771 ng
RT: 11.216 min Scan# 1534
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:266 Resp: 101251

Ion	Ratio	Lower	Upper
266	100		
268	63.9	49.4	74.0
264	63.7	51.8	77.6



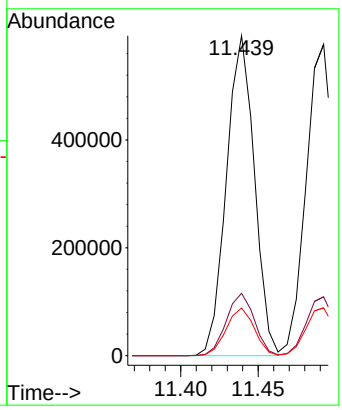


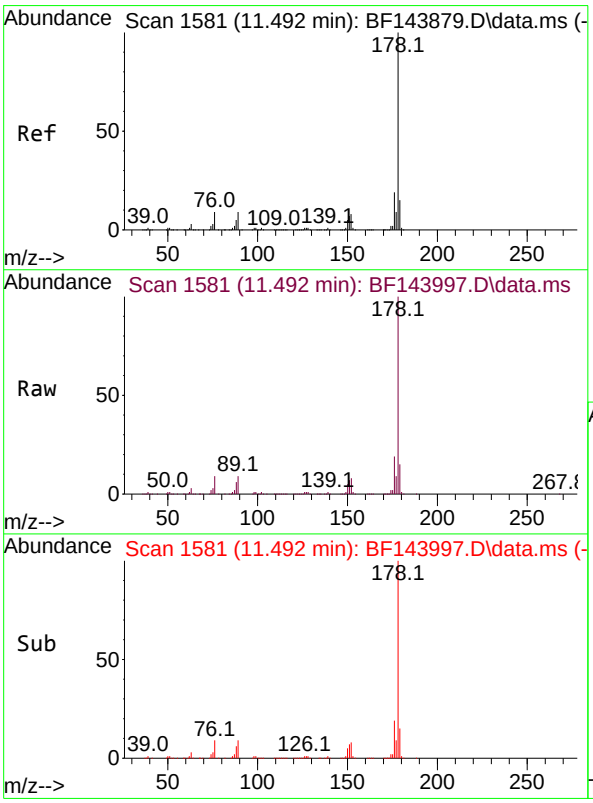
#71
Phenanthrene
Concen: 39.869 ng
RT: 11.439 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 744542

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.9	23.9
179	14.9	12.4	18.6

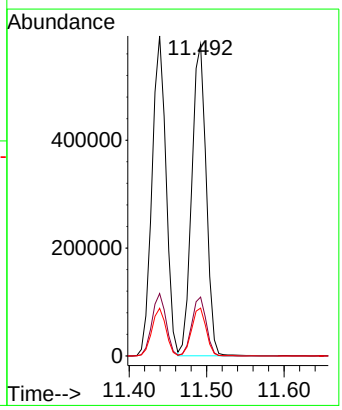


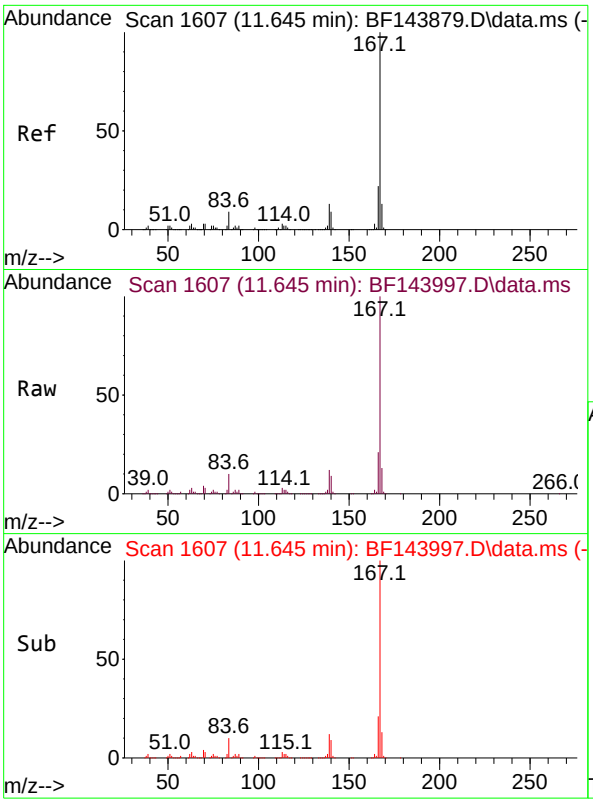


#72
Anthracene
Concen: 39.529 ng
RT: 11.492 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:178 Resp: 745746

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.9	22.3
179	15.4	12.2	18.2



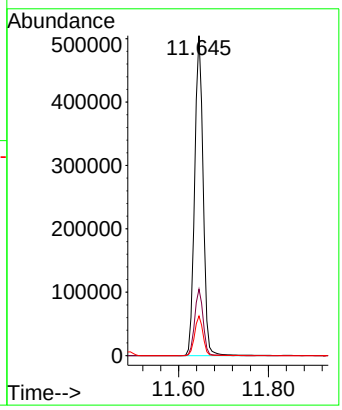


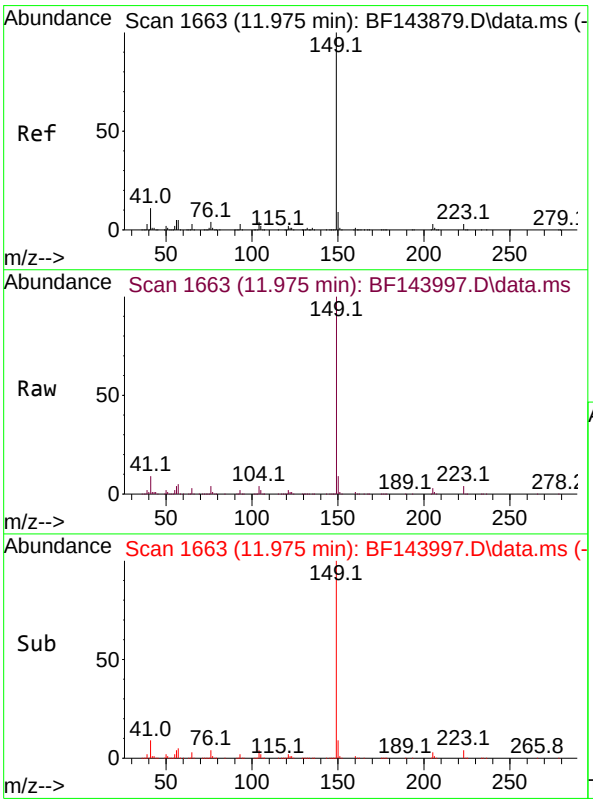
#73
Carbazole
Concen: 39.550 ng
RT: 11.645 min Scan# 1(
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 660829

Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.2	25.8
139	12.4	10.1	15.1

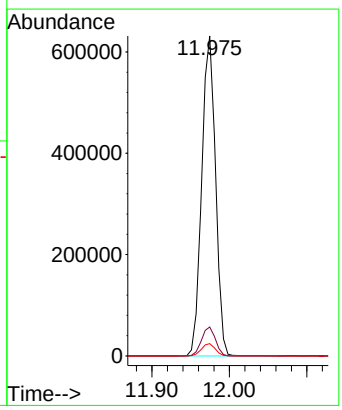


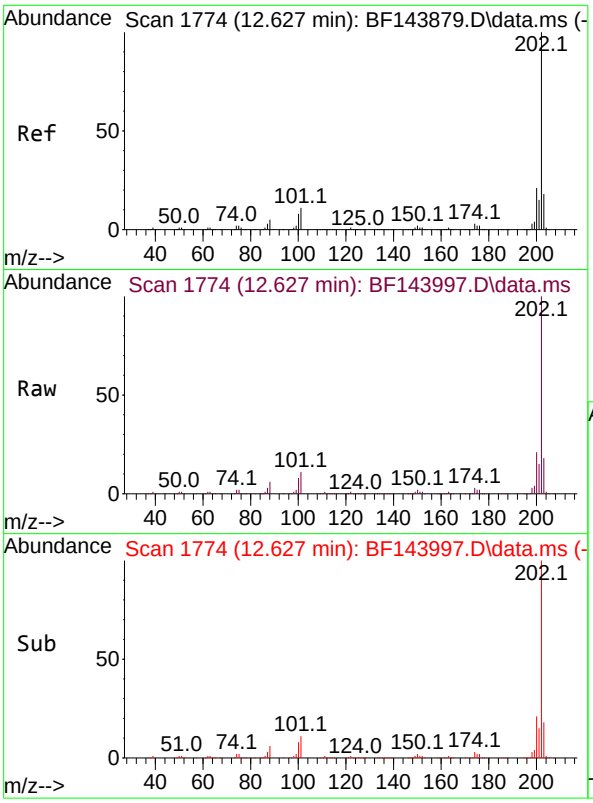


#74
Di-n-butylphthalate
Concen: 40.340 ng
RT: 11.975 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:149 Resp: 781181

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.2
104	3.8	3.4	5.2



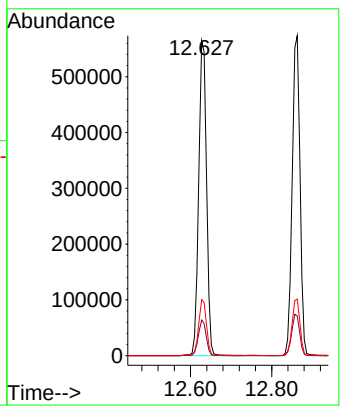


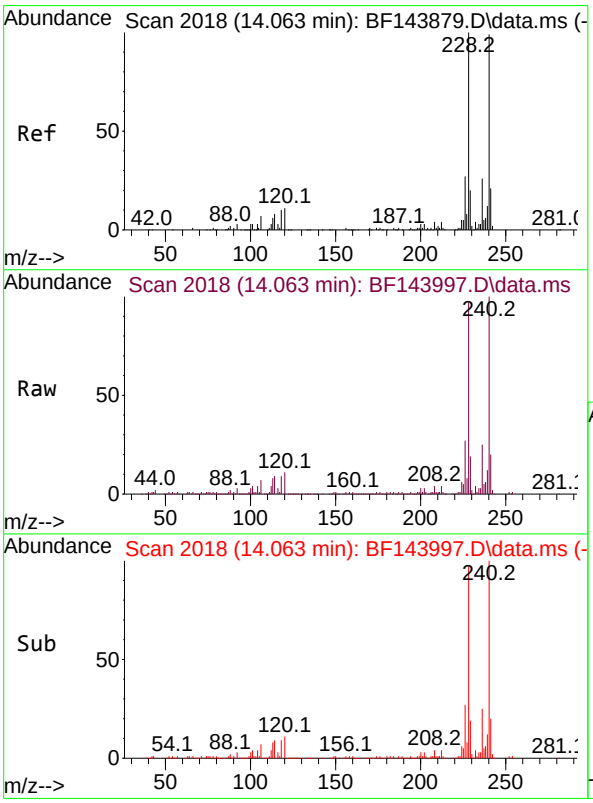
#75
Fluoranthene
Concen: 39.088 ng
RT: 12.627 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 753991

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	30.7
203	17.7	0.0	37.8

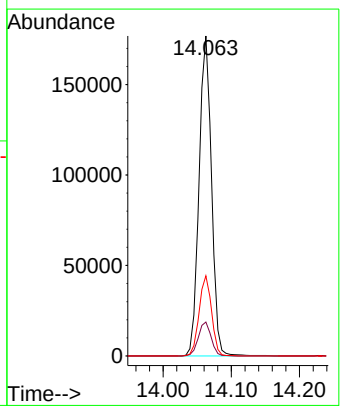


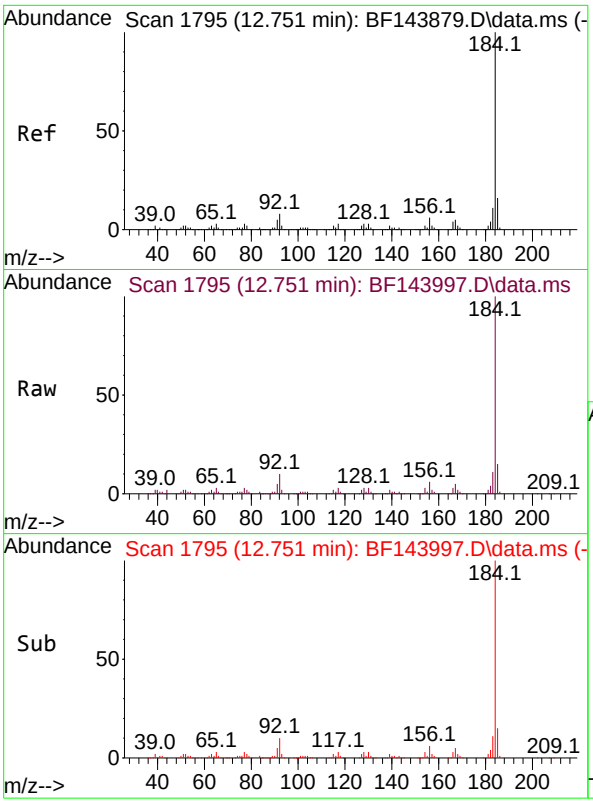


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.005 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:240 Resp: 224376

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.6	13.0
236	25.0	21.1	31.7



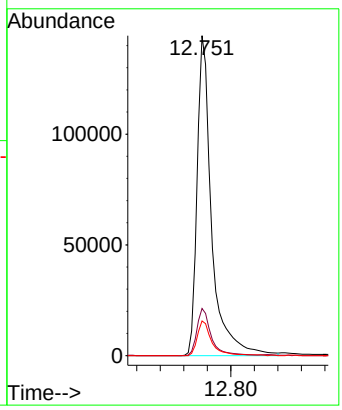


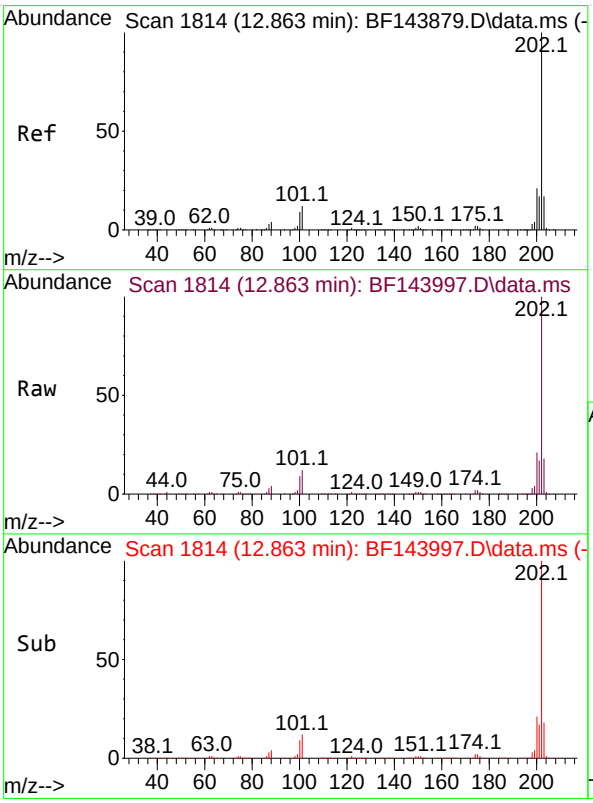
#77
Benzidine
Concen: 31.905 ng
RT: 12.751 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 248566

Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.6	18.8
183	10.8	8.8	13.2

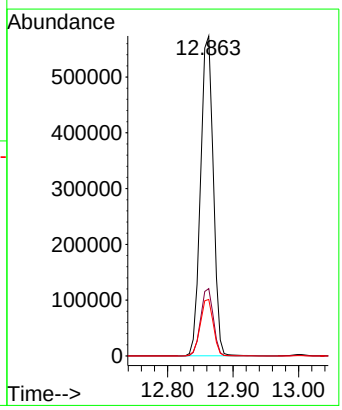


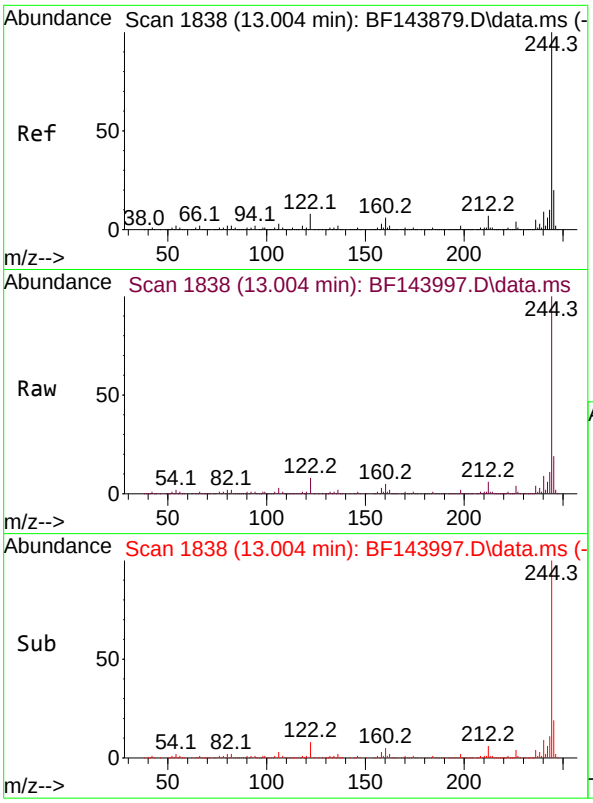


#78
Pyrene
Concen: 41.079 ng
RT: 12.863 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:202 Resp: 768419

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.6
203	17.6	13.8	20.6



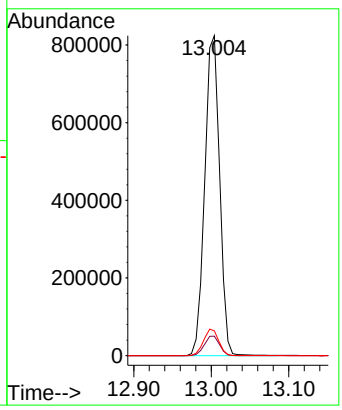


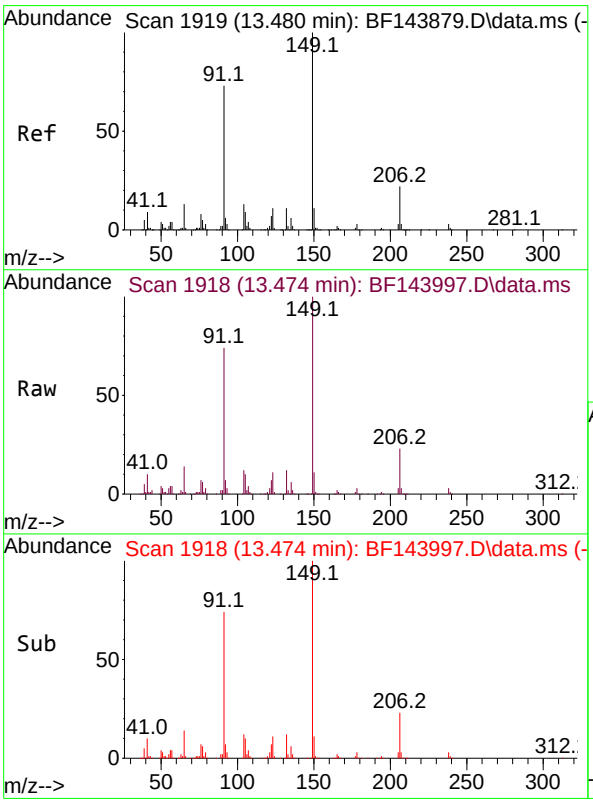
#79
Terphenyl-d14
Concen: 83.641 ng
RT: 13.004 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 1098074

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.4	8.0
122	7.7	6.4	9.6

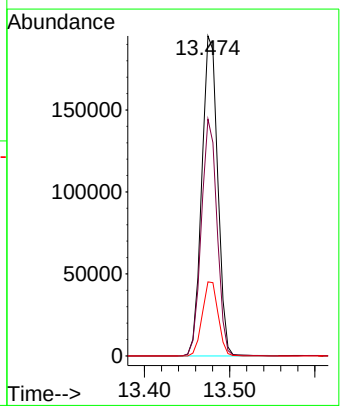


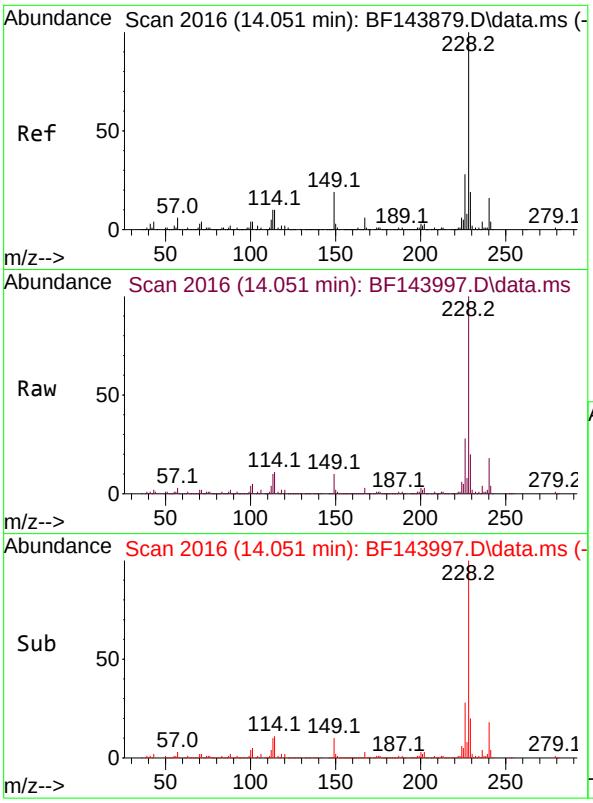


#80
Butylbenzylphthalate
Concen: 41.567 ng
RT: 13.474 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:149 Resp: 252520

Ion	Ratio	Lower	Upper
149	100		
91	74.0	58.2	87.2
206	23.1	17.9	26.9



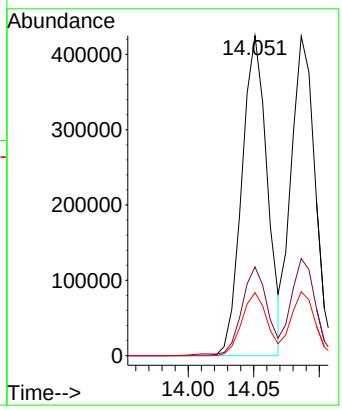


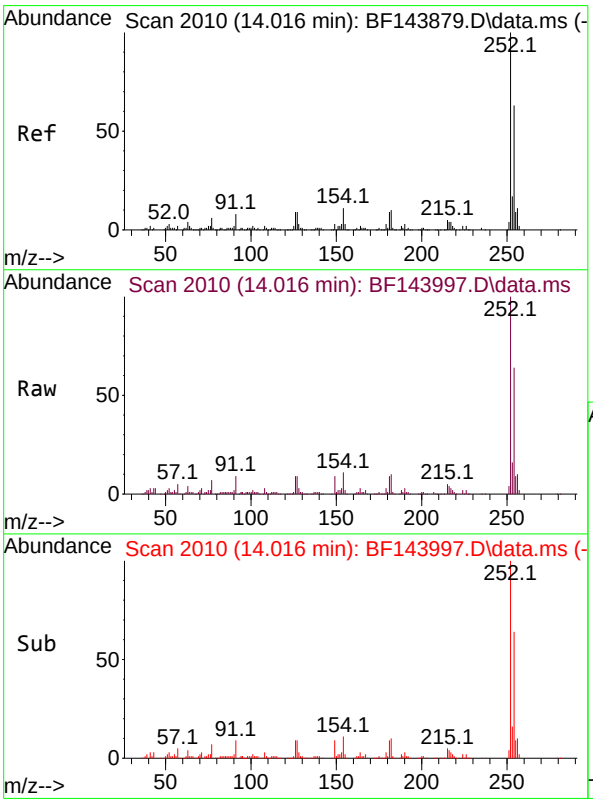
#81
Benzo(a)anthracene
Concen: 38.997 ng
RT: 14.051 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 572605

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.2	33.2
229	19.7	15.6	23.4

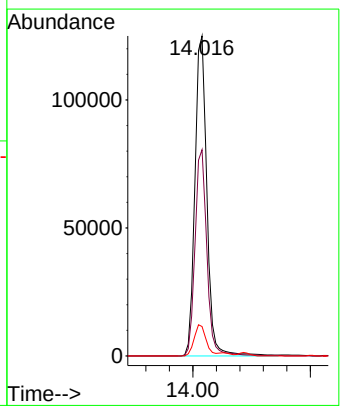


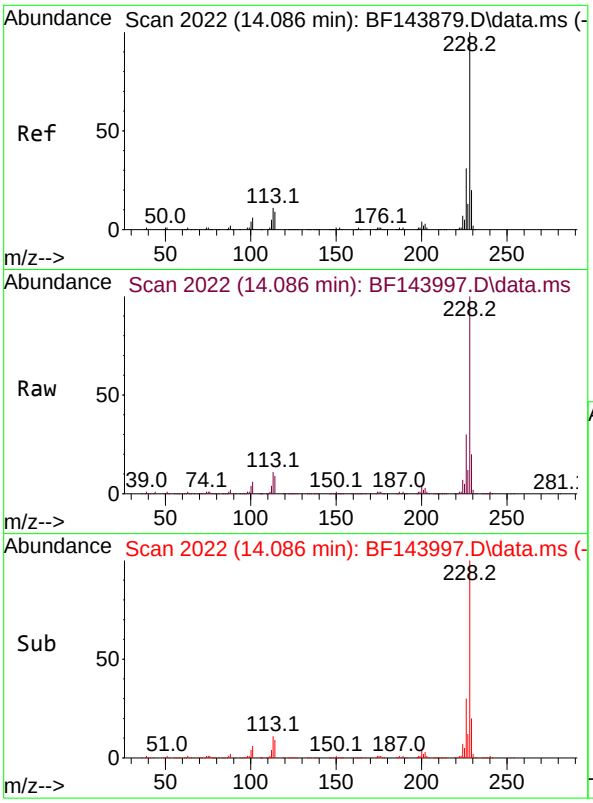


#82
3,3'-Dichlorobenzidine
Concen: 39.367 ng
RT: 14.016 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:252 Resp: 176158

Ion	Ratio	Lower	Upper
252	100		
254	64.4	50.6	76.0
126	9.2	7.0	10.6



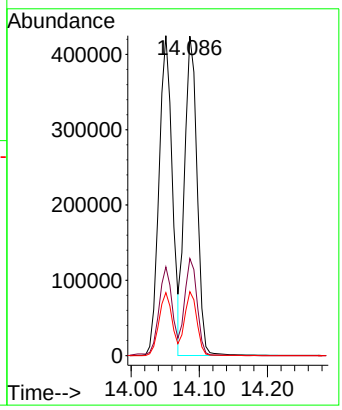


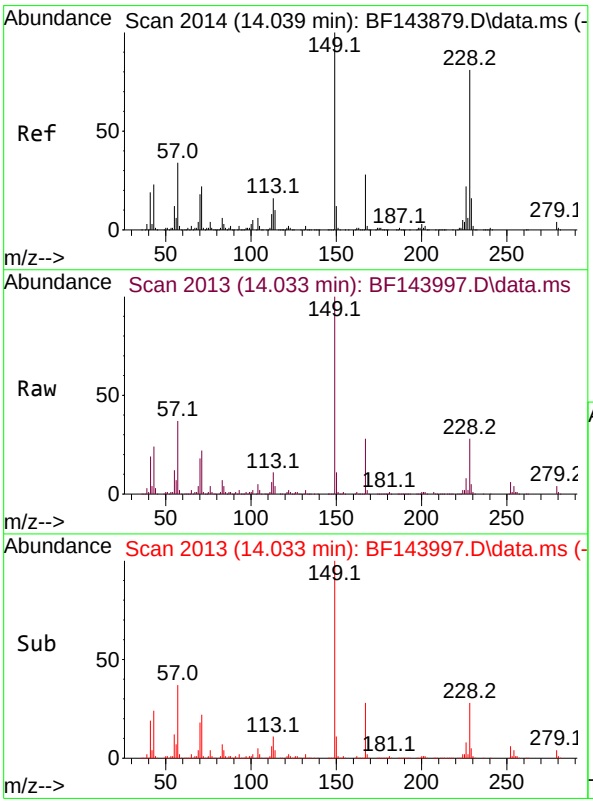
#83
Chrysene
Concen: 39.788 ng
RT: 14.086 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 540703

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.4	36.6
229	20.0	15.9	23.9

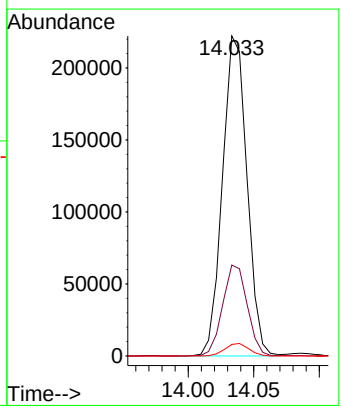


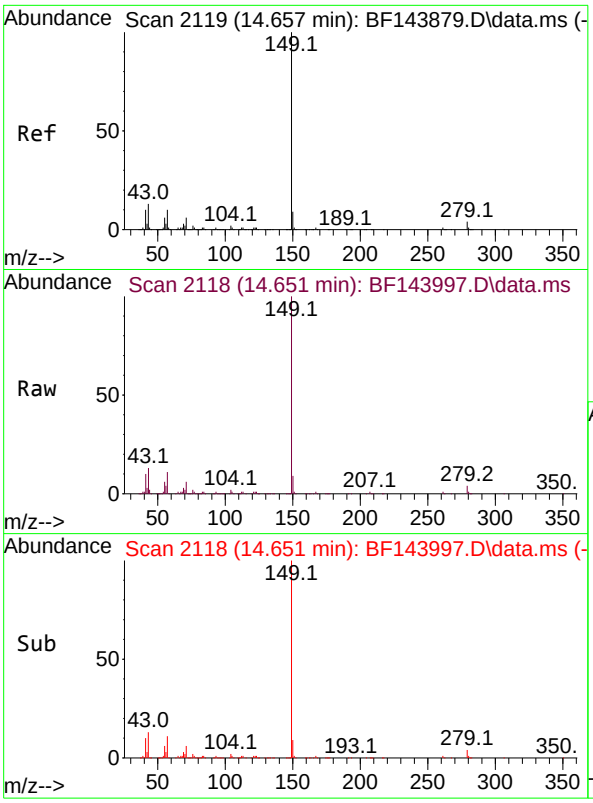


#84
Bis(2-ethylhexyl)phthalate
Concen: 39.429 ng
RT: 14.033 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:149 Resp: 288745

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.2	33.4
279	3.6	3.1	4.7



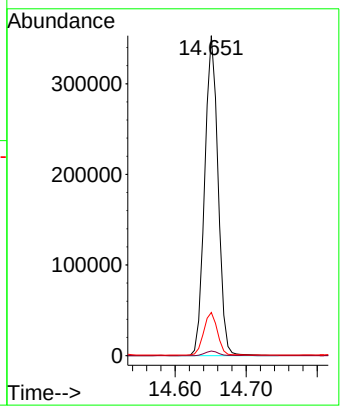


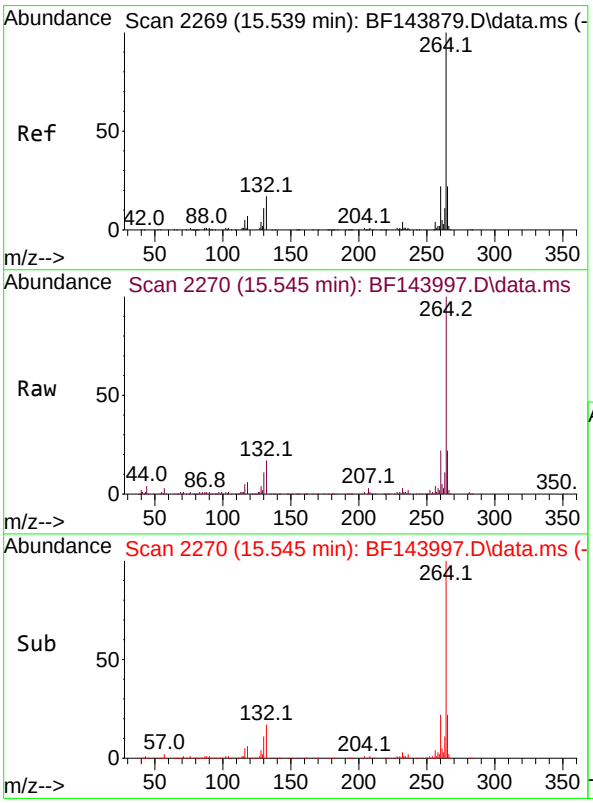
#85
Di-n-octyl phthalate
Concen: 38.292 ng
RT: 14.651 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 460570

Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.1	1.7
43	13.7	11.0	16.4

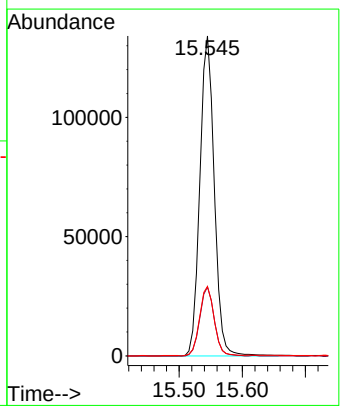


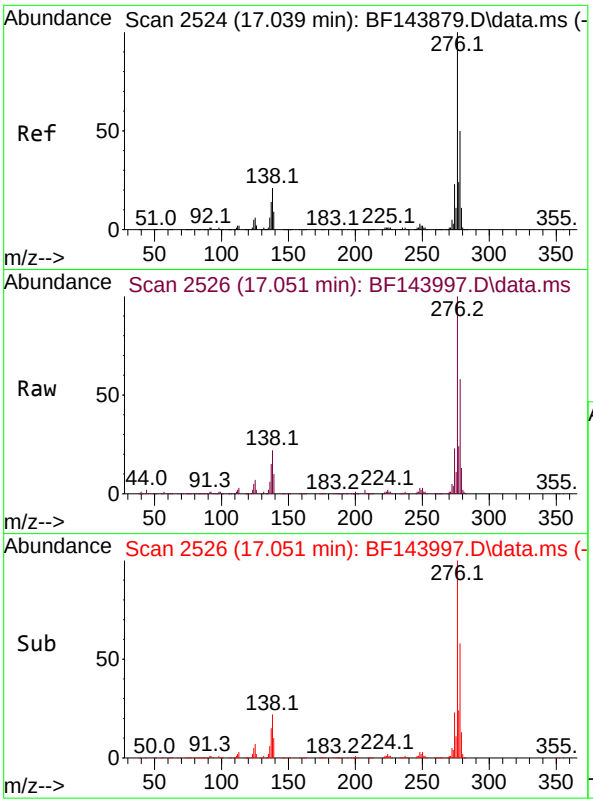


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:264 Resp: 212318

Ion	Ratio	Lower	Upper
264	100		
260	21.5	17.8	26.8
265	21.7	17.5	26.3



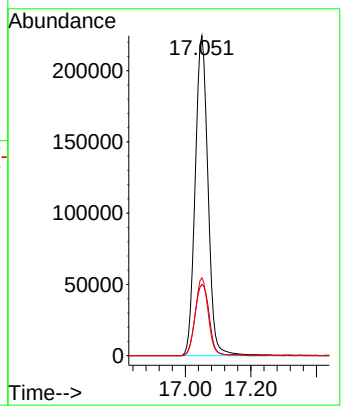


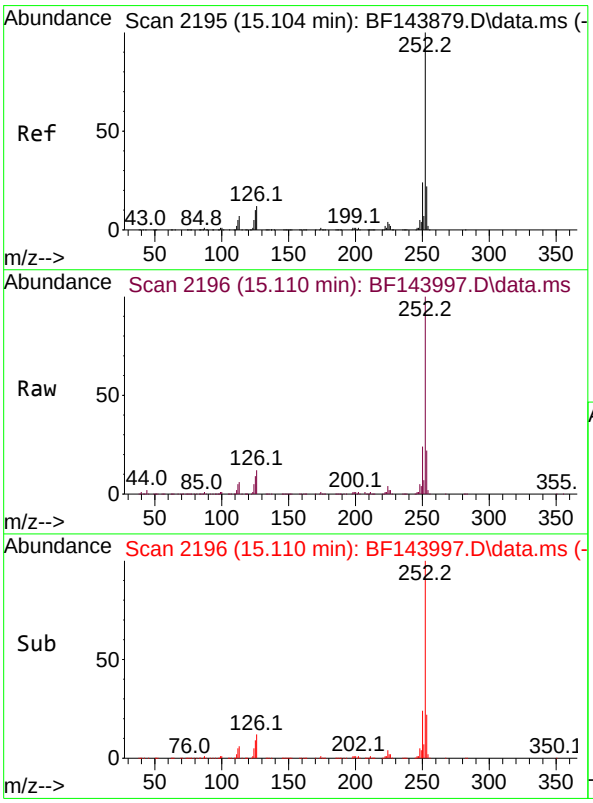
#87
Indeno(1,2,3-cd)pyrene
Concen: 46.717 ng
RT: 17.051 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 607776

Ion	Ratio	Lower	Upper
276	100		
138	24.4	18.2	27.2
277	24.6	19.8	29.6

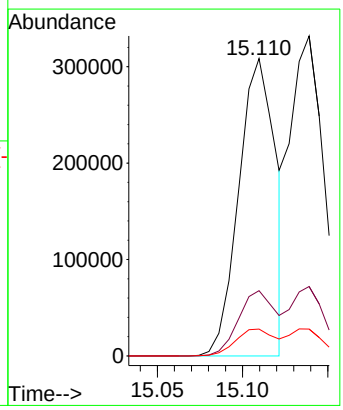


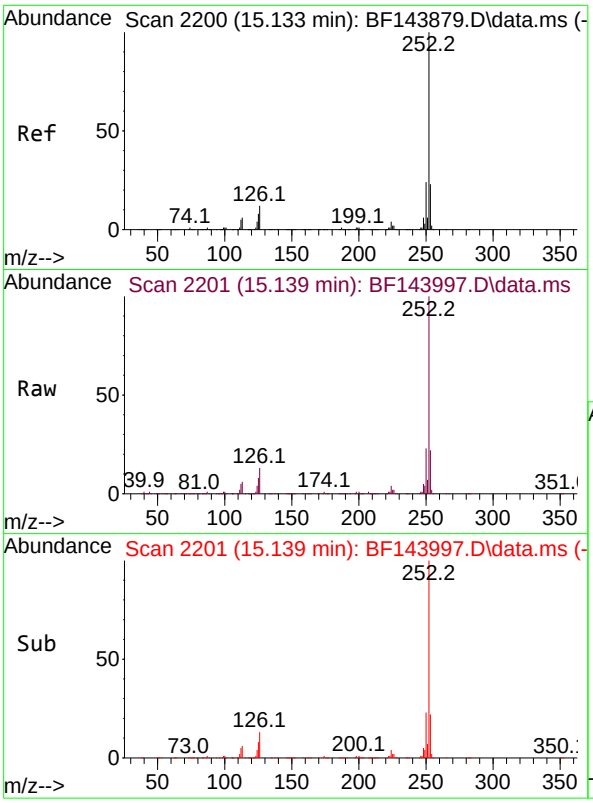


#88
Benzo(b)fluoranthene
Concen: 37.957 ng
RT: 15.110 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:252 Resp: 462937

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	9.0	7.8	11.6



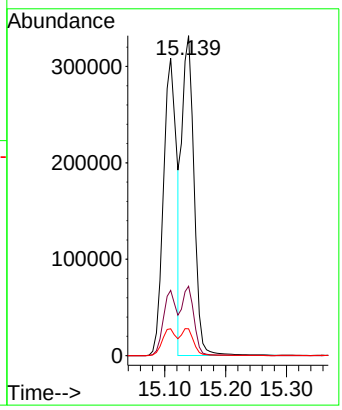


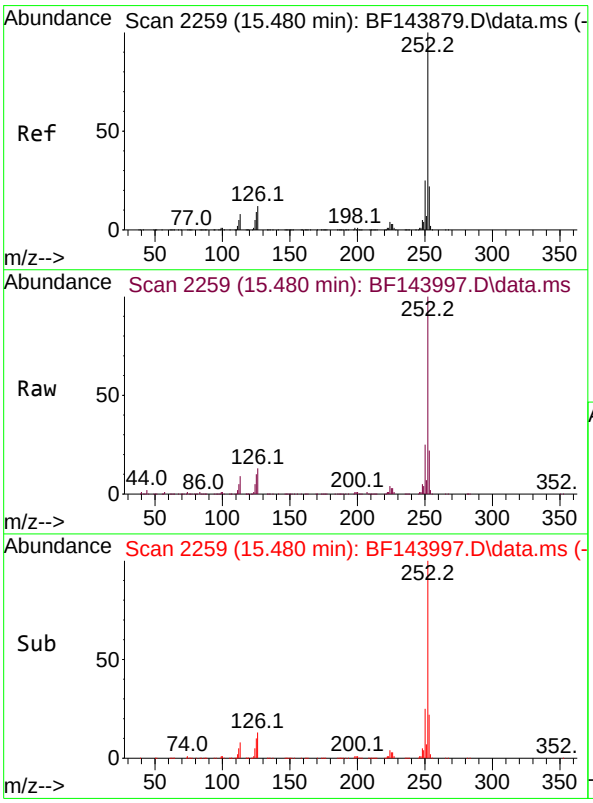
#89
Benzo(k)fluoranthene
Concen: 41.059 ng
RT: 15.139 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 463363

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.8
125	8.4	7.4	11.2

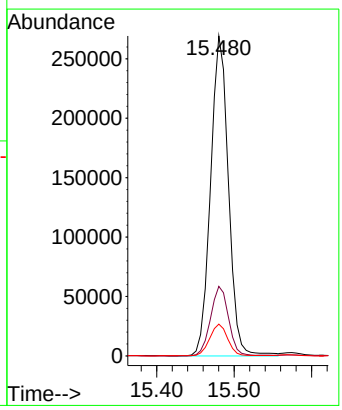


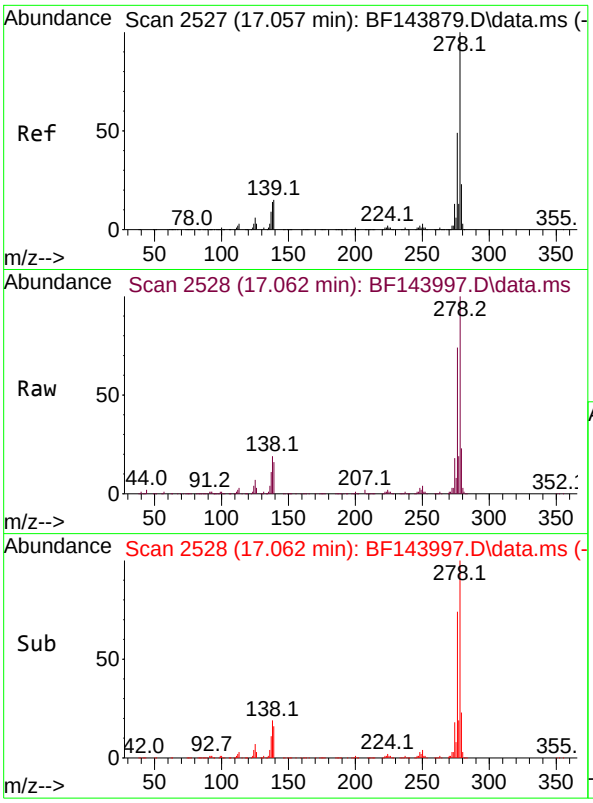


#90
Benzo(a)pyrene
Concen: 40.764 ng
RT: 15.480 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:252 Resp: 431094

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.3	25.9
125	9.9	7.0	10.4



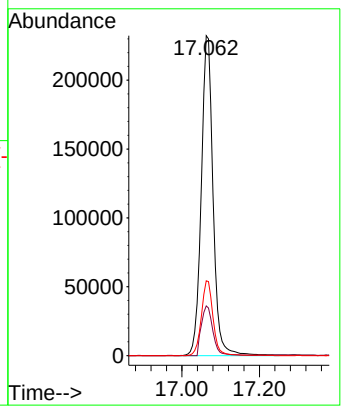


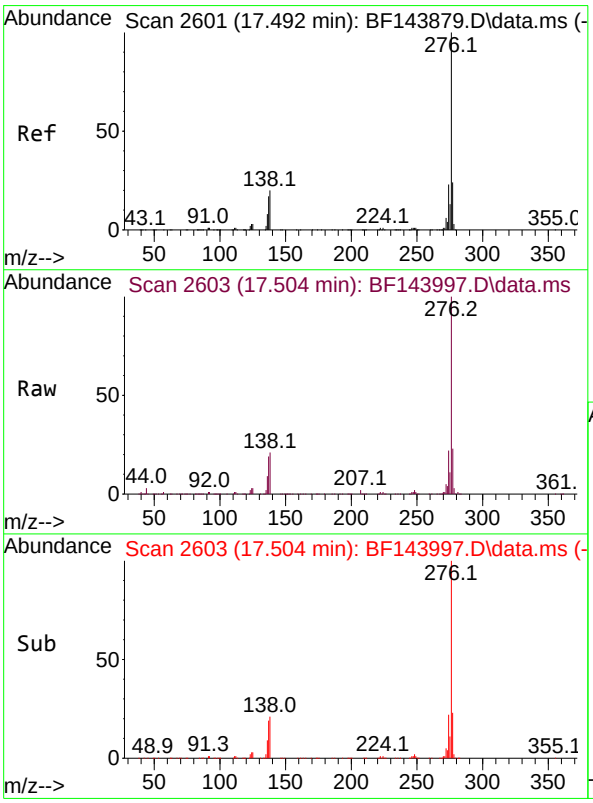
#91
Dibenzo(a,h)anthracene
Concen: 47.020 ng
RT: 17.062 min Scan# 2
Delta R.T. -0.017 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 491981

Ion	Ratio	Lower	Upper
278	100		
139	15.5	11.7	17.5
279	23.4	18.4	27.6

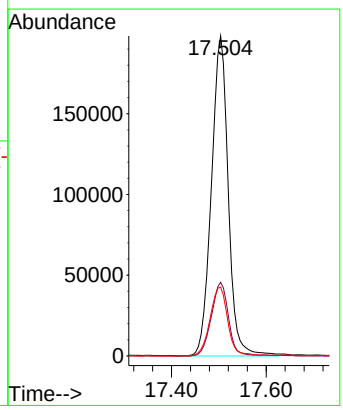




#92
Benzo(g,h,i)perylene
Concen: 46.809 ng
RT: 17.504 min Scan# 2603
Delta R.T. -0.012 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:276 Resp: 489771

Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.0	28.6
138	21.5	16.1	24.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102025\
Data File : BF143997.D
Acq On : 20 Oct 2025 13:28
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Oct 20 15:47:39 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

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	88	0.00
2		1,4-Dioxane	0.583	0.607	-4.1	87	-0.01
3		Pyridine	1.697	1.707	-0.6	85	-0.01
4		n-Nitrosodimethylamine	0.893	0.837	6.3	81	-0.04
5	S	2-Fluorophenol	1.259	1.277	-1.4	86	0.00
6		Aniline	2.250	2.215	1.6	83	0.00
7	S	Phenol-d6	1.501	1.495	0.4	85	-0.01
8		2-Chlorophenol	1.231	1.238	-0.6	84	0.00
9		Benzaldehyde	1.158	1.204	-4.0	79	0.00
10	C	Phenol	1.795	1.865	-3.9	89	-0.01
11		bis(2-Chloroethyl)ether	1.386	1.393	-0.5	85	-0.01
12		1,3-Dichlorobenzene	1.474	1.483	-0.6	86	0.00
13	C	1,4-Dichlorobenzene	1.454	1.460	-0.4	85	0.00
14		1,2-Dichlorobenzene	1.392	1.414	-1.6	87	0.00
15		Benzyl Alcohol	1.125	1.151	-2.3	86	-0.01
16		2,2'-oxybis(1-Chloropropane	3.156	3.251	-3.0	88	0.00
17		2-Methylphenol	1.017	1.013	0.4	84	0.00
18		Hexachloroethane	0.485	0.497	-2.5	87	0.00
19	P	n-Nitroso-di-n-propylamine	1.028	0.963	6.3	82	-0.02
20		3+4-Methylphenols	1.179	1.202	-2.0	83	-0.02
21	I	Naphthalene-d8	1.000	1.000	0.0	89	0.00
22		Acetophenone	0.423	0.408	3.5	83	-0.01
23	S	Nitrobenzene-d5	0.329	0.338	-2.7	87	-0.01
24		Nitrobenzene	0.366	0.371	-1.4	84	-0.01
25		Isophorone	0.694	0.660	4.9	83	-0.02
26	C	2-Nitrophenol	0.157	0.179	-14.0	91	0.00
27		2,4-Dimethylphenol	0.282	0.286	-1.4	86	0.00
28		bis(2-Chloroethoxy)methane	0.438	0.428	2.3	85	-0.01
29	C	2,4-Dichlorophenol	0.294	0.288	2.0	83	0.00
30		1,2,4-Trichlorobenzene	0.289	0.286	1.0	85	0.00
31		Naphthalene	0.910	0.892	2.0	85	0.00
32		Benzoic acid	0.195	0.184	5.6	81	-0.04
33		4-Chloroaniline	0.341	0.339	0.6	84	0.00
34	C	Hexachlorobutadiene	0.201	0.194	3.5	83	0.00
35		Caprolactam	0.093	0.092	1.1	85	-0.04
36	C	4-Chloro-3-methylphenol	0.282	0.273	3.2	84	-0.01
37		2-Methylnaphthalene	0.606	0.583	3.8	84	0.00
38		1-Methylnaphthalene	0.588	0.565	3.9	83	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	89	0.00
40		1,2,4,5-Tetrachlorobenzene	0.553	0.560	-1.3	84	0.00
41	P	Hexachlorocyclopentadiene	0.229	0.236	-3.1	81	0.00
42	S	2,4,6-Tribromophenol	0.199	0.198	0.5	85	0.00
43	C	2,4,6-Trichlorophenol	0.404	0.405	-0.2	81	0.00
44		2,4,5-Trichlorophenol	0.427	0.422	1.2	82	0.00
45	S	2-Fluorobiphenyl	1.260	1.168	7.3	85	-0.01
46		1,1'-Biphenyl	1.324	1.296	2.1	84	0.00
47		2-Chloronaphthalene	1.104	1.104	0.0	86	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102025\
Data File : BF143997.D
Acq On : 20 Oct 2025 13:28
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Oct 20 15:47:39 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

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	0.349	0.369	-5.7	83	0.00
49		Acenaphthylene	1.552	1.553	-0.1	85	0.00
50		Dimethylphthalate	1.270	1.238	2.5	85	0.00
51		2,6-Dinitrotoluene	0.236	0.262	-11.0	89	-0.01
52	C	Acenaphthene	1.017	0.995	2.2	84	0.00
53		3-Nitroaniline	0.288	0.307	-6.6	89	-0.01
54	P	2,4-Dinitrophenol	0.118	0.112	5.1	83	0.00
55		Dibenzofuran	1.436	1.417	1.3	84	0.00
56	P	4-Nitrophenol	0.218	0.209	4.1	79	0.00
57		2,4-Dinitrotoluene	0.320	0.364	-13.7	88	0.00
58		Fluorene	1.083	1.040	4.0	84	0.00
59		2,3,4,6-Tetrachlorophenol	0.302	0.298	1.3	81	0.00
60		Diethylphthalate	1.180	1.162	1.5	84	-0.01
61		4-Chlorophenyl-phenylether	0.573	0.563	1.7	84	0.00
62		4-Nitroaniline	0.277	0.284	-2.5	86	-0.02
63		Azobenzene	1.233	1.213	1.6	84	-0.01
64	I	Phenanthrene-d10	1.000	1.000	0.0	87	0.00
65		4,6-Dinitro-2-methylphenol	0.101	0.110	-8.9	86	-0.01
66	c	n-Nitrosodiphenylamine	0.628	0.625	0.5	83	-0.01
67		4-Bromophenyl-phenylether	0.221	0.220	0.5	82	0.00
68		Hexachlorobenzene	0.256	0.254	0.8	82	0.00
69		Atrazine	0.190	0.186	2.1	83	-0.01
70	C	Pentachlorophenol	0.147	0.131	10.9	72	0.00
71		Phenanthrene	0.970	0.966	0.4	86	0.00
72		Anthracene	0.980	0.968	1.2	82	0.00
73		Carbazole	0.868	0.858	1.2	84	0.00
74		Di-n-butylphthalate	1.005	1.014	-0.9	83	0.00
75	C	Fluoranthene	1.002	0.979	2.3	82	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	88	0.00
77		Benzidine	0.694	0.554	20.2	64	0.00
78		Pyrene	1.667	1.712	-2.7	81	0.00
79	S	Terphenyl-d14	1.170	1.223	-4.5	84	0.00
80		Butylbenzylphthalate	0.542	0.563	-3.9	80	0.00
81		Benzo(a)anthracene	1.309	1.276	2.5	80	0.00
82		3,3'-Dichlorobenzidine	0.399	0.393	1.5	79	0.00
83		Chrysene	1.211	1.205	0.5	82	0.00
84		Bis(2-ethylhexyl)phthalate	0.653	0.643	1.5	77	0.00
85	c	Di-n-octyl phthalate	1.072	1.026	4.3	76	0.00
86	I	Perylene-d12	1.000	1.000	0.0	85	0.00
87		Indeno(1,2,3-cd)pyrene	1.225	1.431	-16.8	87	0.00
88		Benzo(b)fluoranthene	1.149	1.090	5.1	73	0.00
89		Benzo(k)fluoranthene	1.063	1.091	-2.6	83	0.00
90	C	Benzo(a)pyrene	0.996	1.015	-1.9	78	0.00
91		Dibenzo(a,h)anthracene	0.986	1.159	-17.5	87	-0.02
92		Benzo(g,h,i)perylene	0.986	1.153	-16.9	87	-0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102025\
Data File : BF143997.D
Acq On : 20 Oct 2025 13:28
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Oct 20 15:47:39 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

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_F\Data\BF102025\
Data File : BF143997.D
Acq On : 20 Oct 2025 13:28
Operator : RC/JU
Sample : SSTDCCC040
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Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Oct 20 15:47:39 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

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	88	0.00
2		1,4-Dioxane	40.000	41.651	-4.1	87	-0.01
3		Pyridine	40.000	40.244	-0.6	85	-0.01
4		n-Nitrosodimethylamine	40.000	37.492	6.3	81	-0.04
5	S	2-Fluorophenol	80.000	81.118	-1.4	86	0.00
6		Aniline	40.000	39.380	1.5	83	0.00
7	S	Phenol-d6	80.000	79.683	0.4	85	-0.01
8		2-Chlorophenol	40.000	40.221	-0.6	84	0.00
9		Benzaldehyde	40.000	41.597	-4.0	79	0.00
10	C	Phenol	40.000	41.566	-3.9	89	-0.01
11		bis(2-Chloroethyl)ether	40.000	40.191	-0.5	85	-0.01
12		1,3-Dichlorobenzene	40.000	40.264	-0.7	86	0.00
13	C	1,4-Dichlorobenzene	40.000	40.162	-0.4	85	0.00
14		1,2-Dichlorobenzene	40.000	40.625	-1.6	87	0.00
15		Benzyl Alcohol	40.000	40.933	-2.3	86	-0.01
16		2,2'-oxybis(1-Chloropropane	40.000	41.204	-3.0	88	0.00
17		2-Methylphenol	40.000	39.810	0.5	84	0.00
18		Hexachloroethane	40.000	41.025	-2.6	87	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	37.483	6.3	82	-0.02
20		3+4-Methylphenols	40.000	40.771	-1.9	83	-0.02
21	I	Naphthalene-d8	20.000	20.000	0.0	89	0.00
22		Acetophenone	40.000	38.622	3.4	83	-0.01
23	S	Nitrobenzene-d5	80.000	82.149	-2.7	87	-0.01
24		Nitrobenzene	40.000	40.553	-1.4	84	-0.01
25		Isophorone	40.000	38.057	4.9	83	-0.02
26	C	2-Nitrophenol	40.000	45.762	-14.4	91	0.00
27		2,4-Dimethylphenol	40.000	40.563	-1.4	86	0.00
28		bis(2-Chloroethoxy)methane	40.000	39.012	2.5	85	-0.01
29	C	2,4-Dichlorophenol	40.000	39.243	1.9	83	0.00
30		1,2,4-Trichlorobenzene	40.000	39.607	1.0	85	0.00
31		Naphthalene	40.000	39.234	1.9	85	0.00
32		Benzoic acid	40.000	37.714	5.7	81	-0.04
33		4-Chloroaniline	40.000	39.691	0.8	84	0.00
34	C	Hexachlorobutadiene	40.000	38.752	3.1	83	0.00
35		Caprolactam	40.000	39.344	1.6	85	-0.04
36	C	4-Chloro-3-methylphenol	40.000	38.675	3.3	84	-0.01
37		2-Methylnaphthalene	40.000	38.483	3.8	84	0.00
38		1-Methylnaphthalene	40.000	38.454	3.9	83	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	89	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	40.516	-1.3	84	0.00
41	P	Hexachlorocyclopentadiene	40.000	41.223	-3.1	81	0.00
42	S	2,4,6-Tribromophenol	80.000	79.625	0.5	85	0.00
43	C	2,4,6-Trichlorophenol	40.000	40.143	-0.4	81	0.00
44		2,4,5-Trichlorophenol	40.000	39.592	1.0	82	0.00
45	S	2-Fluorobiphenyl	80.000	74.153	7.3	85	-0.01
46		1,1'-Biphenyl	40.000	39.160	2.1	84	0.00
47		2-Chloronaphthalene	40.000	40.014	-0.0	86	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102025\
Data File : BF143997.D
Acq On : 20 Oct 2025 13:28
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Oct 20 15:47:39 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

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	42.245	-5.6	83	0.00
49		Acenaphthylene	40.000	40.020	-0.1	85	0.00
50		Dimethylphthalate	40.000	38.976	2.6	85	0.00
51		2,6-Dinitrotoluene	40.000	44.543	-11.4	89	-0.01
52	C	Acenaphthene	40.000	39.116	2.2	84	0.00
53		3-Nitroaniline	40.000	42.535	-6.3	89	-0.01
54	P	2,4-Dinitrophenol	40.000	35.105	12.2	83	0.00
55		Dibenzofuran	40.000	39.478	1.3	84	0.00
56	P	4-Nitrophenol	40.000	38.222	4.4	79	0.00
57		2,4-Dinitrotoluene	40.000	45.401	-13.5	88	0.00
58		Fluorene	40.000	38.388	4.0	84	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	39.485	1.3	81	0.00
60		Diethylphthalate	40.000	39.405	1.5	84	-0.01
61		4-Chlorophenyl-phenylether	40.000	39.311	1.7	84	0.00
62		4-Nitroaniline	40.000	40.972	-2.4	86	-0.02
63		Azobenzene	40.000	39.330	1.7	84	-0.01
64	I	Phenanthrene-d10	20.000	20.000	0.0	87	0.00
65		4,6-Dinitro-2-methylphenol	40.000	43.655	-9.1	86	-0.01
66	c	n-Nitrosodiphenylamine	40.000	39.818	0.5	83	-0.01
67		4-Bromophenyl-phenylether	40.000	39.762	0.6	82	0.00
68		Hexachlorobenzene	40.000	39.674	0.8	82	0.00
69		Atrazine	40.000	39.148	2.1	83	-0.01
70	C	Pentachlorophenol	40.000	35.771	10.6	72	0.00
71		Phenanthrene	40.000	39.869	0.3	86	0.00
72		Anthracene	40.000	39.529	1.2	82	0.00
73		Carbazole	40.000	39.550	1.1	84	0.00
74		Di-n-butylphthalate	40.000	40.340	-0.9	83	0.00
75	C	Fluoranthene	40.000	39.088	2.3	82	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	88	0.00
77		Benzidine	40.000	31.905	20.2	64	0.00
78		Pyrene	40.000	41.079	-2.7	81	0.00
79	S	Terphenyl-d14	80.000	83.641	-4.6	84	0.00
80		Butylbenzylphthalate	40.000	41.567	-3.9	80	0.00
81		Benzo(a)anthracene	40.000	38.997	2.5	80	0.00
82		3,3'-Dichlorobenzidine	40.000	39.367	1.6	79	0.00
83		Chrysene	40.000	39.788	0.5	82	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	39.429	1.4	77	0.00
85	c	Di-n-octyl phthalate	40.000	38.292	4.3	76	0.00
86	I	Perylene-d12	20.000	20.000	0.0	85	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	46.717	-16.8	87	0.00
88		Benzo(b)fluoranthene	40.000	37.957	5.1	73	0.00
89		Benzo(k)fluoranthene	40.000	41.059	-2.6	83	0.00
90	C	Benzo(a)pyrene	40.000	40.764	-1.9	78	0.00
91		Dibenzo(a,h)anthracene	40.000	47.020	-17.6	87	-0.02
92		Benzo(g,h,i)perylene	40.000	46.809	-17.0	87	-0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102025\
Data File : BF143997.D
Acq On : 20 Oct 2025 13:28
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Oct 20 15:47:39 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

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: AECO02

Lab Code: ACE SDG No.: Q3375

Instrument ID: BNA_F Calibration Date/Time: 10/21/2025 13:29

Lab File ID: BF144009.D Init. Calib. Date(s): 10/06/2025 10/06/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:59 14:22

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.259	1.299		3.2	
Benzaldehyde	1.158	1.203		3.9	
Phenol-d6	1.501	1.494		-0.5	
Phenol	1.795	1.901		5.9	20.0
bis(2-Chloroethyl)ether	1.386	1.376		-0.7	
2-Chlorophenol	1.231	1.267		2.9	
2-Methylphenol	1.017	1.009		-0.8	
2,2-oxybis(1-Chloropropane)	3.156	3.225		2.2	
Acetophenone	0.423	0.409		-3.3	
3+4-Methylphenols	1.179	1.177		-0.2	
n-Nitroso-di-n-propylamine	1.028	0.983	0.050	-4.4	
Nitrobenzene-d5	0.329	0.341		3.6	
Hexachloroethane	0.485	0.486		0.2	
Nitrobenzene	0.366	0.382		4.4	
Isophorone	0.694	0.664		-4.3	
2-Nitrophenol	0.157	0.182		15.9	20.0
2,4-Dimethylphenol	0.282	0.290		2.8	
bis(2-Chloroethoxy)methane	0.438	0.433		-1.1	
2,4-Dichlorophenol	0.294	0.295		0.3	20.0
Naphthalene	0.910	0.902		-0.9	
4-Chloroaniline	0.341	0.341		0.0	
Hexachlorobutadiene	0.201	0.197		-2.0	20.0
Caprolactam	0.093	0.095		2.2	
4-Chloro-3-methylphenol	0.282	0.281		-0.4	20.0
2-Methylnaphthalene	0.606	0.599		-1.2	
Hexachlorocyclopentadiene	0.229	0.224	0.050	-2.2	
2,4,6-Trichlorophenol	0.404	0.394		-2.5	20.0
2-Fluorobiphenyl	1.260	1.174		-6.8	
2,4,5-Trichlorophenol	0.427	0.432		1.2	
1,1-Biphenyl	1.324	1.283		-3.1	
2-Chloronaphthalene	1.104	1.099		-0.5	
2-Nitroaniline	0.349	0.372		6.6	
Dimethylphthalate	1.270	1.246		-1.9	
Acenaphthylene	1.552	1.531		-1.4	
2,6-Dinitrotoluene	0.236	0.265		12.3	
3-Nitroaniline	0.288	0.299		3.8	
Acenaphthene	1.017	0.980		-3.6	20.0
2,4-Dinitrophenol	0.118	0.105	0.050	-11.0	
4-Nitrophenol	0.218	0.197	0.050	-9.6	

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: AECO02

Lab Code: ACE SDG No.: Q3375

Instrument ID: BNA_F Calibration Date/Time: 10/21/2025 13:29

Lab File ID: BF144009.D Init. Calib. Date(s): 10/06/2025 10/06/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:59 14:22

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.436	1.413		-1.6	
2,4-Dinitrotoluene	0.320	0.350		9.4	
Diethylphthalate	1.180	1.127		-4.5	
4-Chlorophenyl-phenylether	0.573	0.561		-2.1	
Fluorene	1.083	1.053		-2.9	
4-Nitroaniline	0.277	0.278		0.4	
4,6-Dinitro-2-methylphenol	0.101	0.109		7.9	
n-Nitrosodiphenylamine	0.628	0.632		0.6	20.0
2,4,6-Tribromophenol	0.199	0.191		-4.0	
4-Bromophenyl-phenylether	0.221	0.213		-3.6	
Hexachlorobenzene	0.256	0.249		-2.7	
Atrazine	0.190	0.184		-3.2	
Pentachlorophenol	0.147	0.129		-12.2	20.0
Phenanthrene	0.970	0.933		-3.8	
Anthracene	0.980	0.987		0.7	
Carbazole	0.868	0.845		-2.7	
Di-n-butylphthalate	1.005	1.014		0.9	
Fluoranthene	1.002	0.960		-4.2	20.0
Pyrene	1.667	1.805		8.3	
Terphenyl-d14	1.170	1.282		9.6	
Butylbenzylphthalate	0.542	0.567		4.6	
3,3-Dichlorobenzidine	0.399	0.400		0.3	
Benzo(a)anthracene	1.309	1.372		4.8	
Chrysene	1.211	1.172		-3.2	
Bis(2-ethylhexyl)phthalate	0.653	0.671		2.8	
Di-n-octyl phthalate	1.072	1.175		9.6	20.0
Benzo(b)fluoranthene	1.149	1.144		-0.4	
Benzo(k)fluoranthene	1.063	0.968		-8.9	
Benzo(a)pyrene	0.996	1.033		3.7	20.0
Indeno(1,2,3-cd)pyrene	1.225	1.420		15.9	
Dibenzo(a,h)anthracene	0.986	1.157		17.3	
Benzo(g,h,i)perylene	0.986	1.143		15.9	
1,2,4,5-Tetrachlorobenzene	0.553	0.559		1.1	
1,4-Dioxane	0.583	0.600		2.9	20.0
2,3,4,6-Tetrachlorophenol	0.302	0.299		-1.0	

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144009.D
Acq On : 21 Oct 2025 13:29
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Oct 21 13:57:29 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	126907	20.00	ng		0.00
21) Naphthalene-d8	8.163	136	483648	20.00	ng		0.00
39) Acenaphthene-d10	9.922	164	263342	20.00	ng		0.00
64) Phenanthrene-d10	11.416	188	430811	20.00	ng		0.00
76) Chrysene-d12	14.063	240	235758	20.00	ng		0.00
86) Perylene-d12	15.545	264	243917	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	659598	82.54	ng		0.00
7) Phenol-d6	6.510	99	758257	79.60	ng		0.00
23) Nitrobenzene-d5	7.445	82	659772	82.88	ng		-0.01
42) 2,4,6-Tribromophenol	10.716	330	201018	76.64	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	1236786	74.52	ng		-0.01
79) Terphenyl-d14	13.004	244	1208859	87.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.640	88	152307	41.18	ng		95
3) Pyridine	3.404	79	433211	40.24	ng		99
4) n-Nitrosodimethylamine	3.357	42	214136	37.81	ng		96
6) Aniline	6.545	93	562479	39.41	ng		98
8) 2-Chlorophenol	6.663	128	321477	41.15	ng		99
9) Benzaldehyde	6.434	77	305342	41.55	ng		100
10) Phenol	6.522	94	482522	42.37	ng		98
11) bis(2-Chloroethyl)ether	6.616	93	349275	39.70	ng		96
12) 1,3-Dichlorobenzene	6.822	146	371419	39.72	ng		99
13) 1,4-Dichlorobenzene	6.898	146	363777	39.44	ng		100
14) 1,2-Dichlorobenzene	7.051	146	358067	40.53	ng		99
15) Benzyl Alcohol	7.022	79	284416	39.85	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	818434	40.87	ng		100
17) 2-Methylphenol	7.134	107	256143	39.68	ng		98
18) Hexachloroethane	7.392	117	123432	40.13	ng		96
19) n-Nitroso-di-n-propyla...	7.292	70	249549	38.27	ng		99
20) 3+4-Methylphenols	7.287	107	298653	39.91	ng	#	79
22) Acetophenone	7.292	105	395279	38.65	ng		99
24) Nitrobenzene	7.463	77	369646	41.81	ng		99
25) Isophorone	7.704	82	642035	38.25	ng		98
26) 2-Nitrophenol	7.781	139	175637	46.34	ng		97
27) 2,4-Dimethylphenol	7.816	122	280851	41.19	ng		96
28) bis(2-Chloroethoxy)met...	7.910	93	419161	39.53	ng		98
29) 2,4-Dichlorophenol	8.022	162	284947	40.12	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	278910	39.93	ng		100
31) Naphthalene	8.186	128	872696	39.67	ng		99
32) Benzoic acid	7.922	122	177272	37.57	ng		97
33) 4-Chloroaniline	8.233	127	329949	39.99	ng		99
34) Hexachlorobutadiene	8.304	225	190984	39.35	ng		98
35) Caprolactam	8.604	113	91608	40.57	ng		97
36) 4-Chloro-3-methylphenol	8.716	107	271348	39.78	ng		98
37) 2-Methylnaphthalene	8.881	142	579595	39.55	ng		99
38) 1-Methylnaphthalene	8.980	142	554429	39.00	ng		99
40) 1,2,4,5-Tetrachloroben...	9.045	216	294341	40.44	ng		99
41) Hexachlorocyclopentadiene	9.033	237	117733	38.99	ng		96
43) 2,4,6-Trichlorophenol	9.157	196	207739	39.06	ng		96

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144009.D
Acq On : 21 Oct 2025 13:29
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Oct 21 13:57:29 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

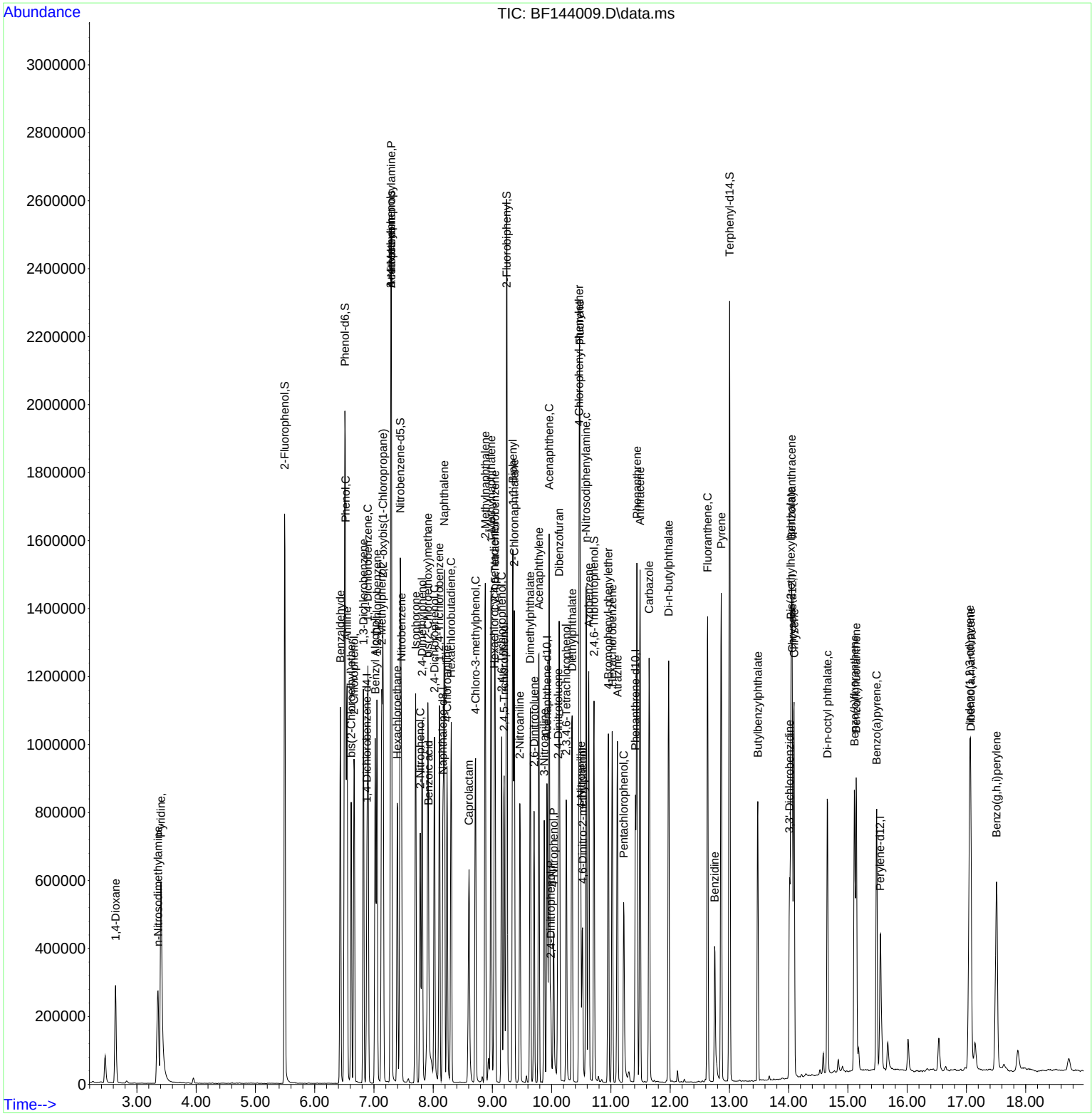
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	227628	40.50	ng		99
46) 1,1'-Biphenyl	9.345	154	675634	38.75	ng		99
47) 2-Chloronaphthalene	9.369	162	579022	39.83	ng		97
48) 2-Nitroaniline	9.463	65	195755	42.59	ng		97
49) Acenaphthylene	9.786	152	806476	39.46	ng		99
50) Dimethylphthalate	9.639	163	656275	39.24	ng		99
51) 2,6-Dinitrotoluene	9.704	165	139509	44.99	ng		97
52) Acenaphthene	9.957	154	516301	38.55	ng		98
53) 3-Nitroaniline	9.875	138	157431	41.46	ng		99
54) 2,4-Dinitrophenol	9.986	184	55464	33.42	ng		92
55) Dibenzofuran	10.127	168	744098	39.36	ng		98
56) 4-Nitrophenol	10.033	139	103581	36.03	ng		98
57) 2,4-Dinitrotoluene	10.110	165	184180	43.65	ng		98
58) Fluorene	10.475	166	554334	38.86	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.245	232	157324	39.55	ng	#	97
60) Diethylphthalate	10.345	149	593454	38.20	ng		98
61) 4-Chlorophenyl-phenyle...	10.463	204	295638	39.20	ng		99
62) 4-Nitroaniline	10.492	138	146339	40.08	ng		93
63) Azobenzene	10.627	77	637557	39.26	ng		99
65) 4,6-Dinitro-2-methylph...	10.522	198	93751	43.30	ng		97
66) n-Nitrosodiphenylamine	10.580	169	544516	40.25	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	183591	38.56	ng		96
68) Hexachlorobenzene	11.022	284	214871	38.98	ng		99
69) Atrazine	11.110	200	158713	38.71	ng		99
70) Pentachlorophenol	11.216	266	110842	35.01	ng		99
71) Phenanthrene	11.439	178	804054	38.50	ng		99
72) Anthracene	11.492	178	850834	40.32	ng		100
73) Carbazole	11.645	167	728491	38.98	ng		99
74) Di-n-butylphthalate	11.974	149	873478	40.33	ng		99
75) Fluoranthene	12.633	202	827067	38.34	ng		99
77) Benzidine	12.751	184	288239	35.21	ng		97
78) Pyrene	12.863	202	850887	43.29	ng		99
80) Butylbenzylphthalate	13.480	149	267401	41.89	ng		99
81) Benzo(a)anthracene	14.051	228	646917	41.93	ng		99
82) 3,3'-Dichlorobenzidine	14.015	252	188768	40.15	ng		99
83) Chrysene	14.092	228	552423	38.69	ng		100
84) Bis(2-ethylhexyl)phtha...	14.039	149	316468	41.13	ng		99
85) Di-n-octyl phthalate	14.657	149	554105	43.84	ng		99
87) Indeno(1,2,3-cd)pyrene	17.056	276	692814	46.35	ng		98
88) Benzo(b)fluoranthene	15.110	252	558030	39.83	ng		99
89) Benzo(k)fluoranthene	15.139	252	472182	36.42	ng		100
90) Benzo(a)pyrene	15.486	252	503690	41.46	ng	#	98
91) Dibenzo(a,h)anthracene	17.074	278	564523	46.96	ng		99
92) Benzo(g,h,i)perylene	17.509	276	557435	46.37	ng		98

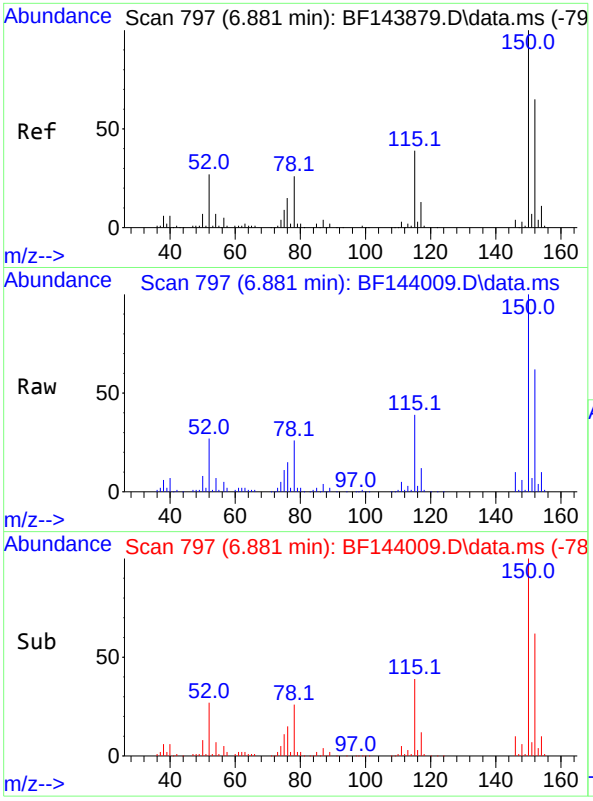
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Data File : BF144009.D
Acq On : 21 Oct 2025 13:29
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Oct 21 13:57:29 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



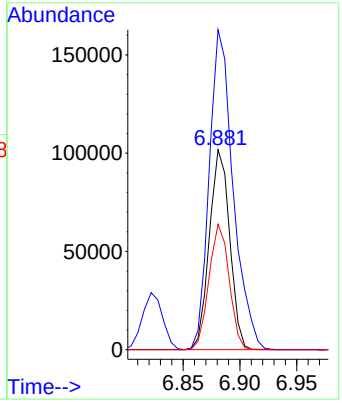


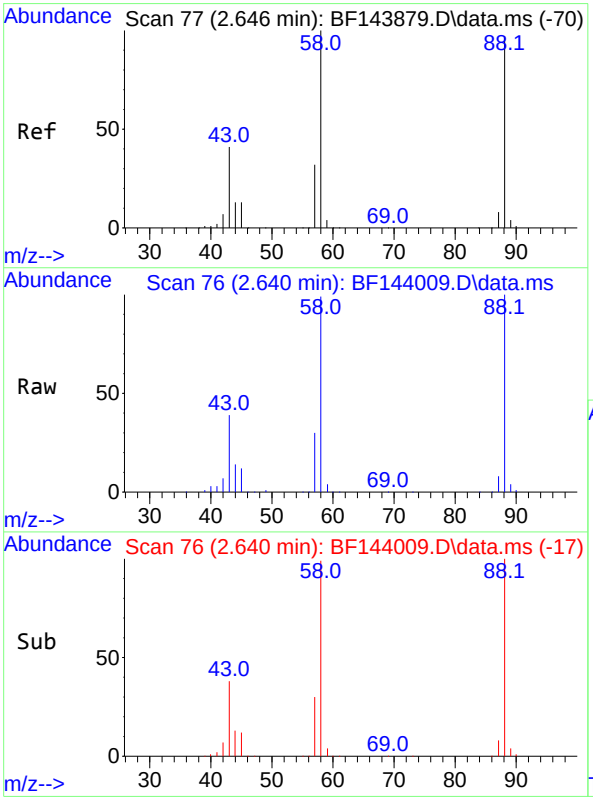
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.881 min Scan# 7
Delta R.T. -0.005 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 126907

Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.4	186.6
115	62.8	48.1	72.1

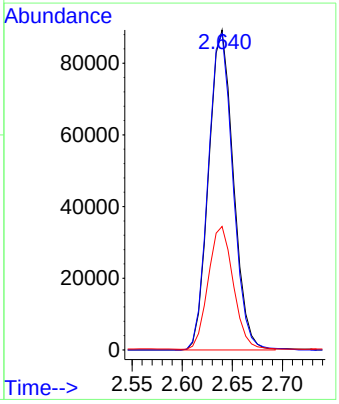


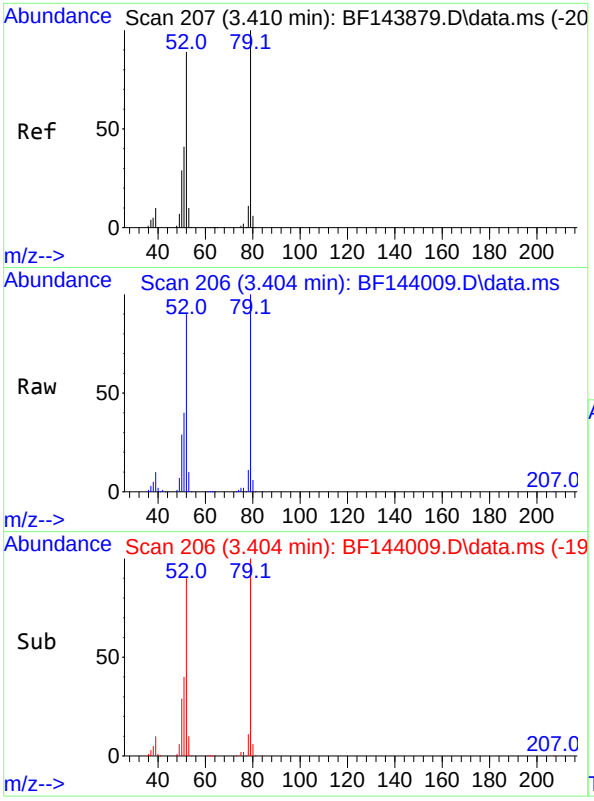


#2
1,4-Dioxane
Concen: 41.18 ng
RT: 2.640 min Scan# 76
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Tgt Ion: 88 Resp: 152307

Ion	Ratio	Lower	Upper
88	100		
58	98.9	83.0	124.6
43	39.0	33.9	50.9



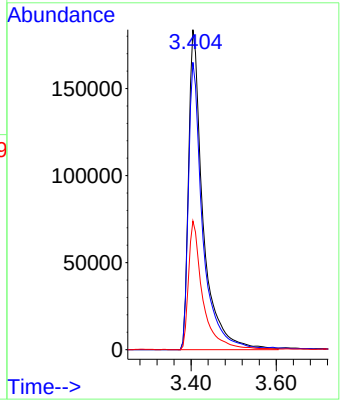


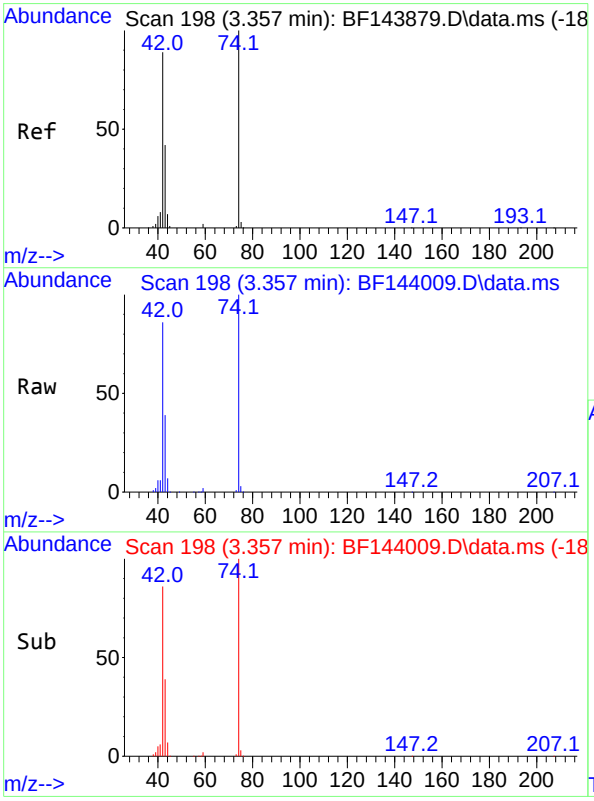
#3
Pyridine
Concen: 40.24 ng
RT: 3.404 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 433211

Ion	Ratio	Lower	Upper
79	100		
52	89.8	71.5	107.3
51	40.2	32.9	49.3

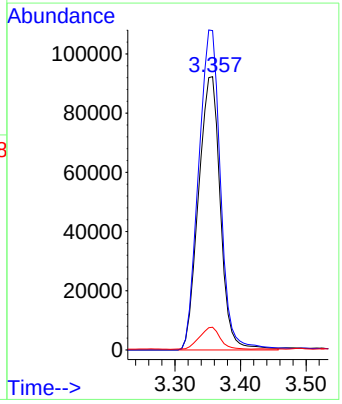


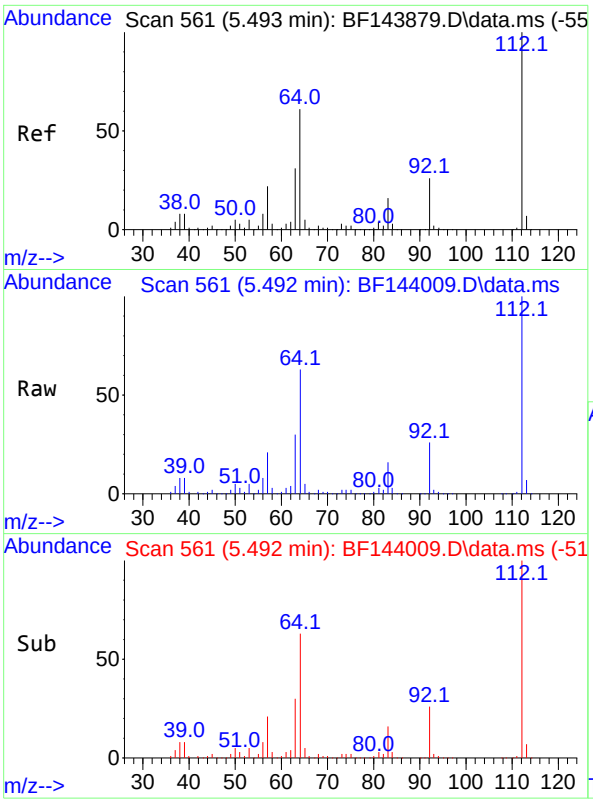


#4
n-Nitrosodimethylamine
Concen: 37.81 ng
RT: 3.357 min Scan# 198
Delta R.T. -0.029 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Tgt Ion: 42 Resp: 214136

Ion	Ratio	Lower	Upper
42	100		
74	116.8	90.0	135.0
44	8.3	6.2	9.2



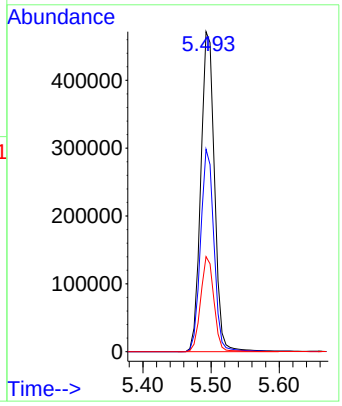


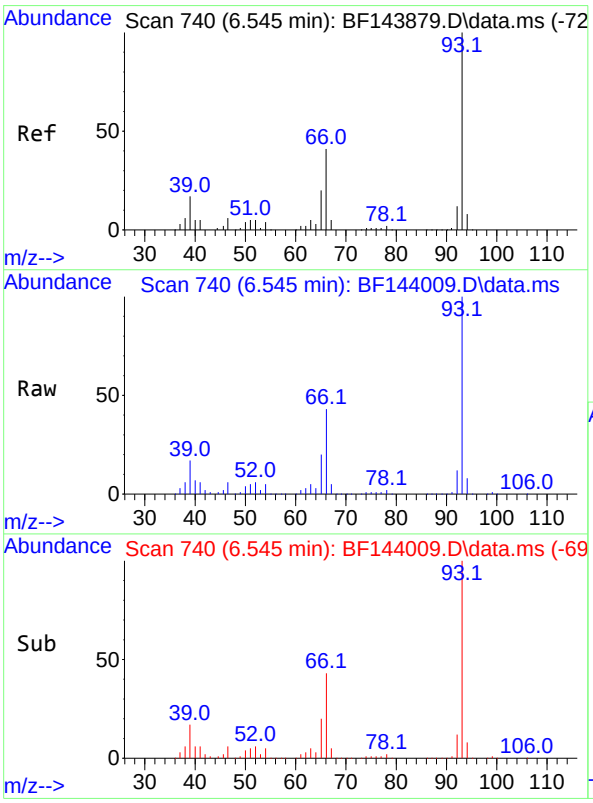
#5
2-Fluorophenol
Concen: 82.54 ng
RT: 5.492 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 659598

Ion	Ratio	Lower	Upper
112	100		
64	63.3	49.1	73.7
63	29.7	24.5	36.7

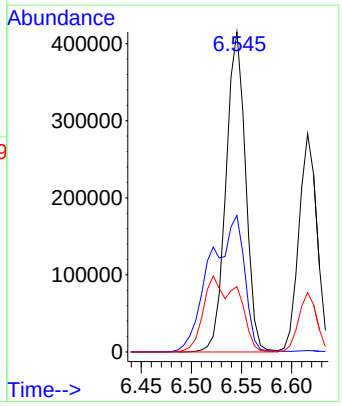


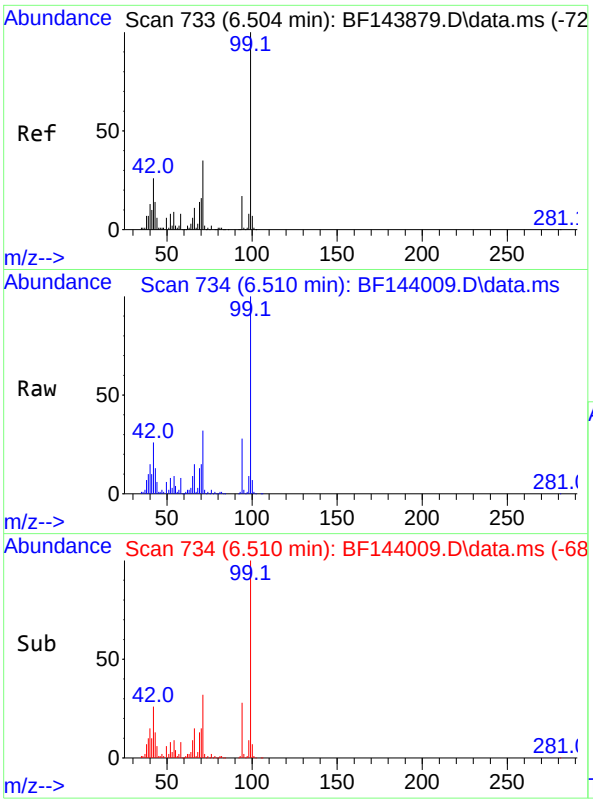


#6
Aniline
Concen: 39.41 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Tgt Ion: 93 Resp: 562479

Ion	Ratio	Lower	Upper
93	100		
66	42.7	33.0	49.6
65	20.4	15.8	23.8



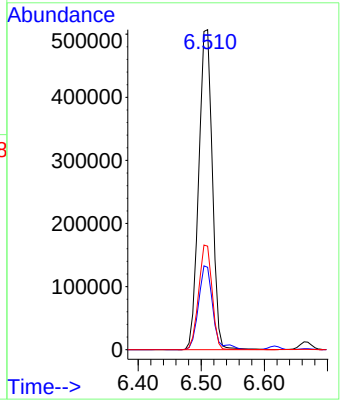


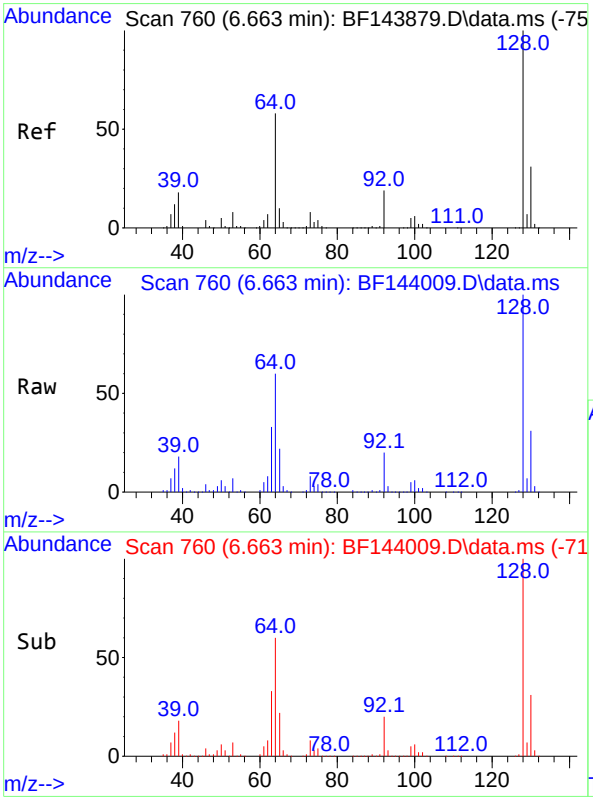
#7
Phenol-d6
Concen: 79.60 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 758257

Ion	Ratio	Lower	Upper
99	100		
42	25.8	21.0	31.4
71	32.3	27.8	41.8

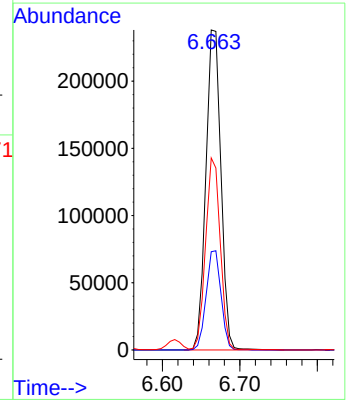


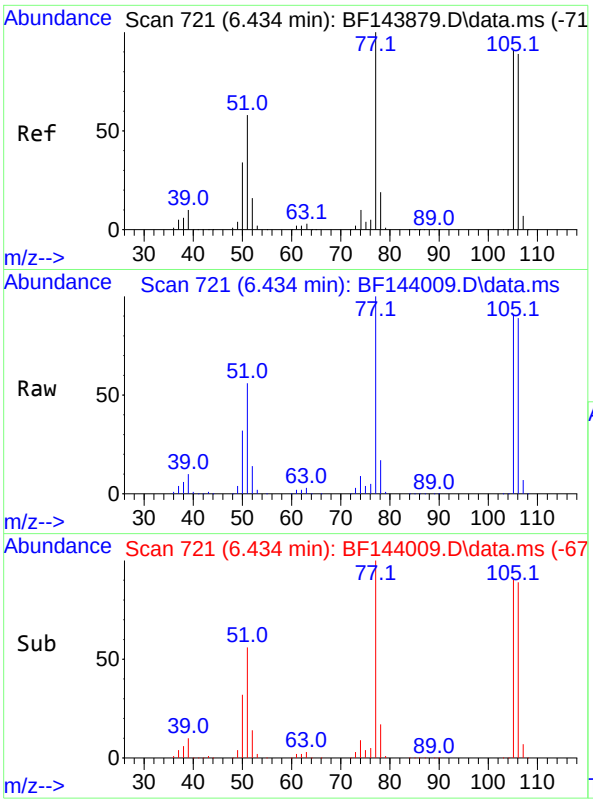


#8
2-Chlorophenol
Concen: 41.15 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Tgt Ion:128 Resp: 321477

Ion	Ratio	Lower	Upper
128	100		
130	30.7	10.7	50.7
64	60.0	39.0	79.0



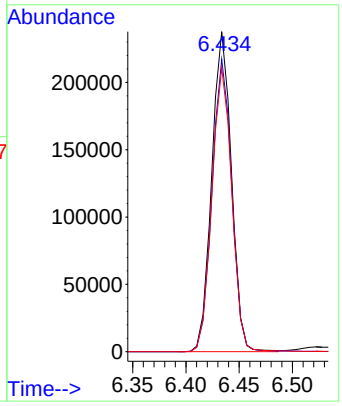


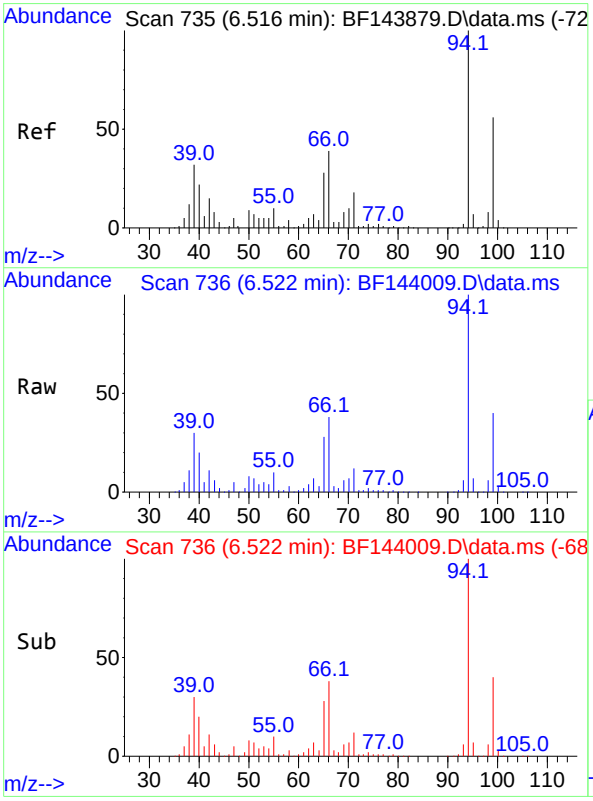
#9
Benzaldehyde
Concen: 41.55 ng
RT: 6.434 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 305342

Ion	Ratio	Lower	Upper
77	100		
105	91.4	70.9	110.9
106	88.7	68.9	108.9

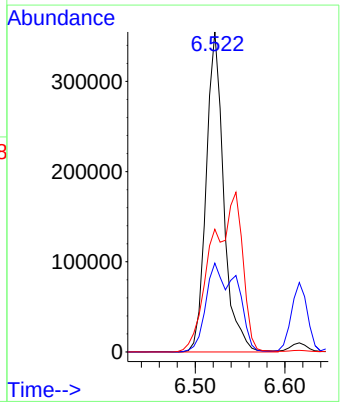


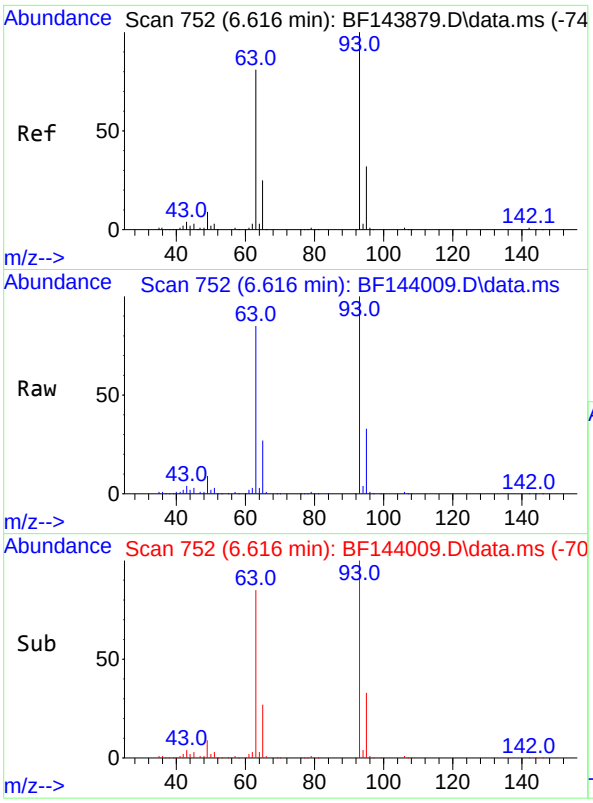


#10
Phenol
Concen: 42.37 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.012 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Tgt Ion: 94 Resp: 482522

Ion	Ratio	Lower	Upper
94	100		
65	27.7	8.5	48.5
66	38.4	19.9	59.9



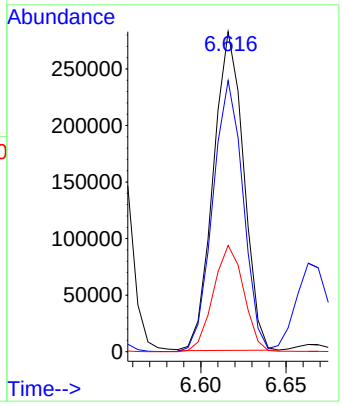


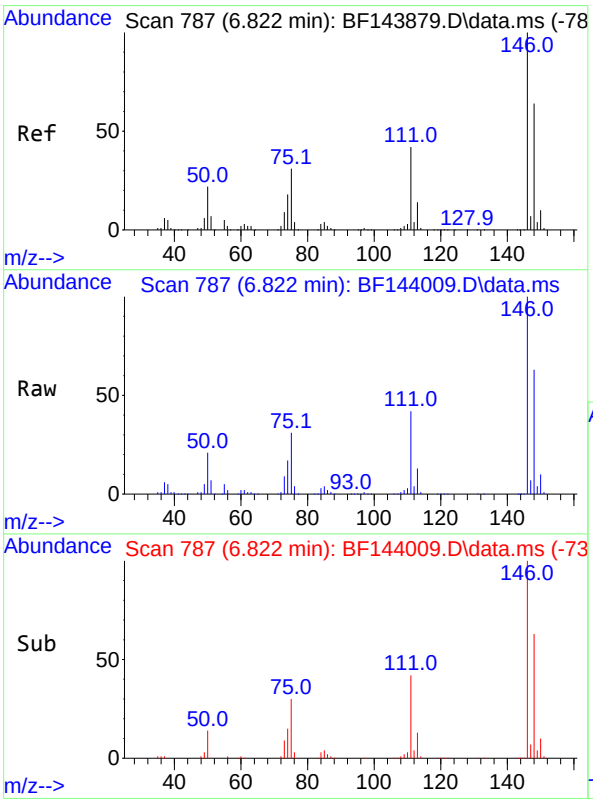
#11
bis(2-Chloroethyl)ether
Concen: 39.70 ng
RT: 6.616 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 349275

Ion	Ratio	Lower	Upper
93	100		
63	84.7	60.9	100.9
95	33.2	11.5	51.5

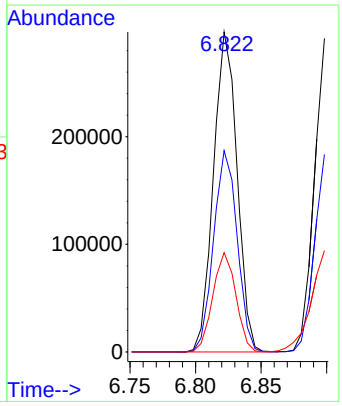


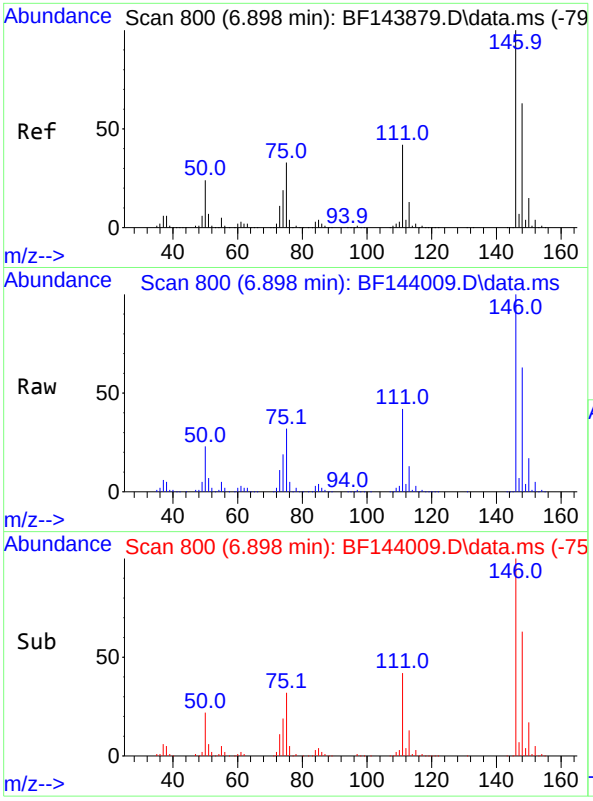


#12
1,3-Dichlorobenzene
Concen: 39.72 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Tgt Ion:146 Resp: 371419

Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.0	76.4
75	31.1	24.9	37.3



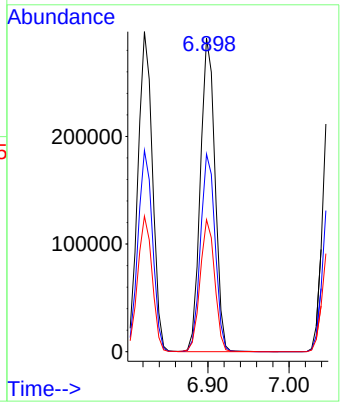


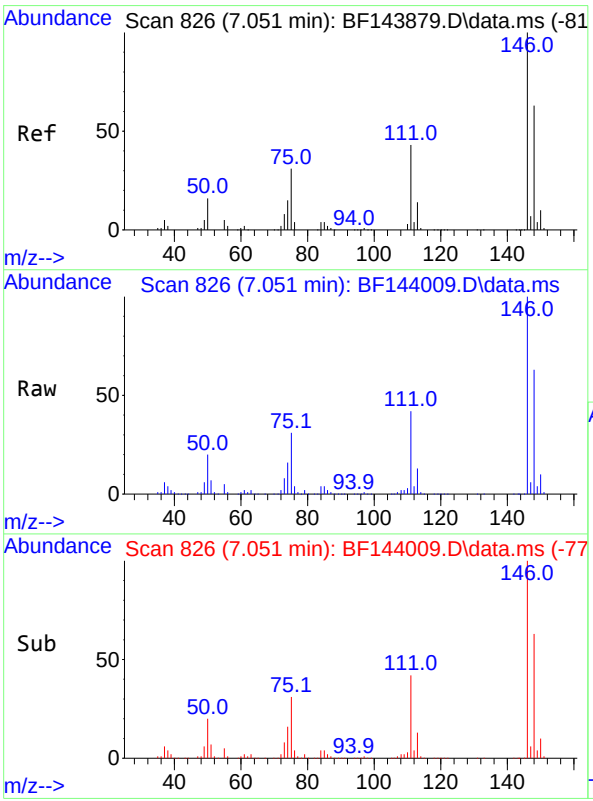
#13
1,4-Dichlorobenzene
Concen: 39.44 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 363777

Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.5	75.7
111	42.1	33.4	50.0

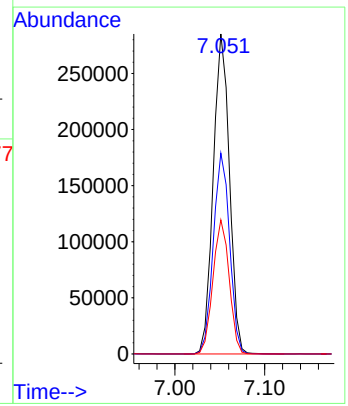


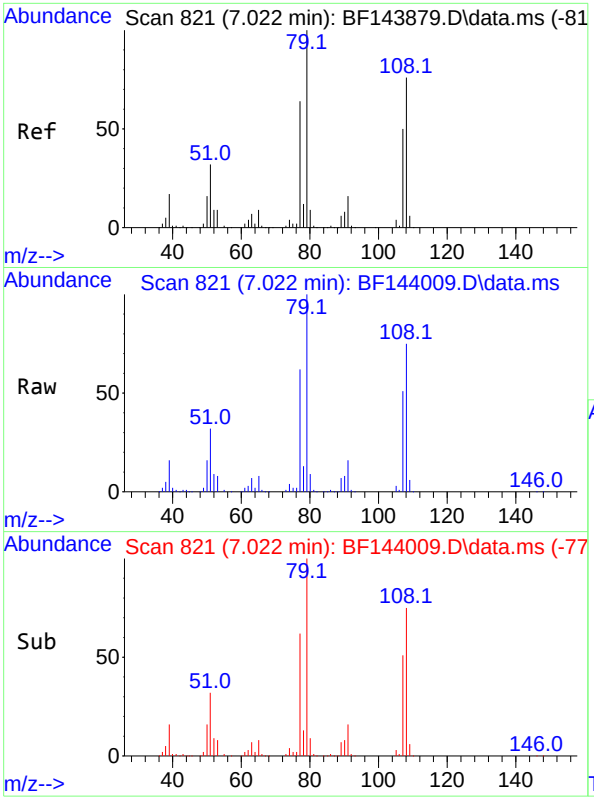


#14
1,2-Dichlorobenzene
Concen: 40.53 ng
RT: 7.051 min Scan# 826
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Tgt Ion:146 Resp: 358067

Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.6	75.8
111	41.9	34.6	51.8



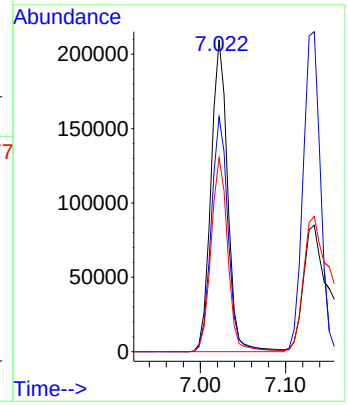


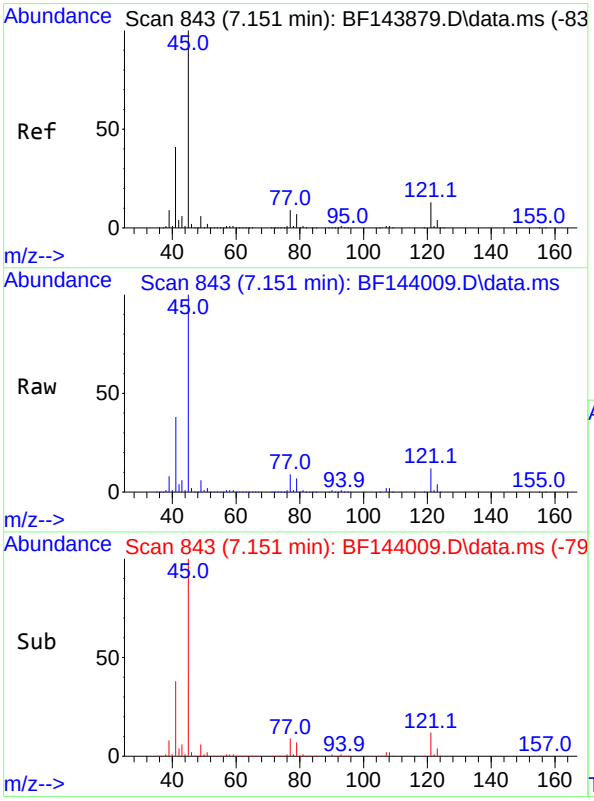
#15
Benzyl Alcohol
Concen: 39.85 ng
RT: 7.022 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 284416

Ion	Ratio	Lower	Upper
79	100		
108	75.3	60.8	91.2
77	62.2	51.0	76.6

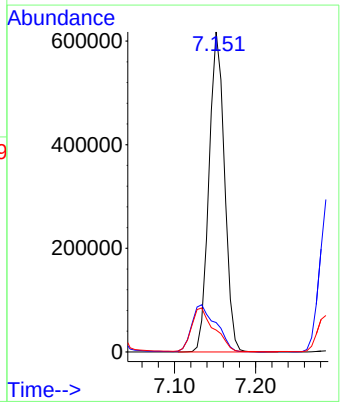


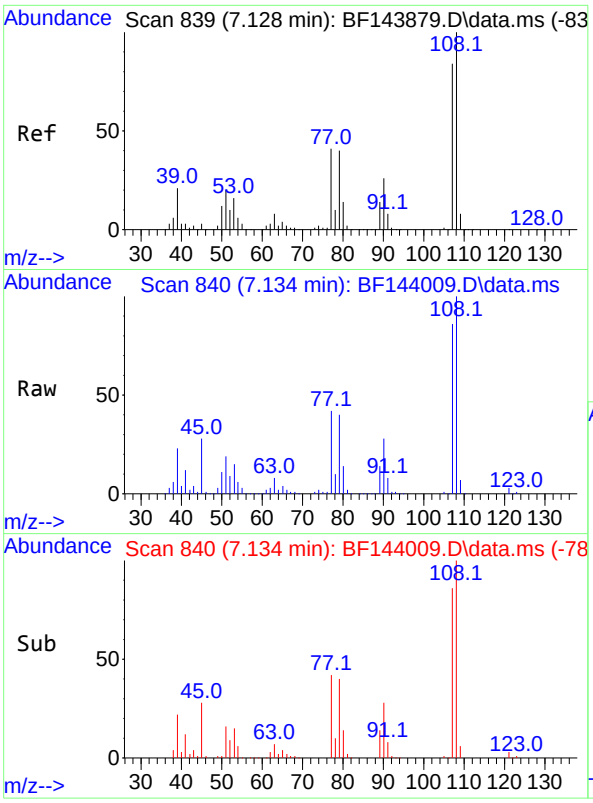


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.87 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Tgt Ion: 45 Resp: 818434

Ion	Ratio	Lower	Upper
45	100		
77	9.2	0.0	29.0
79	6.9	0.0	26.8



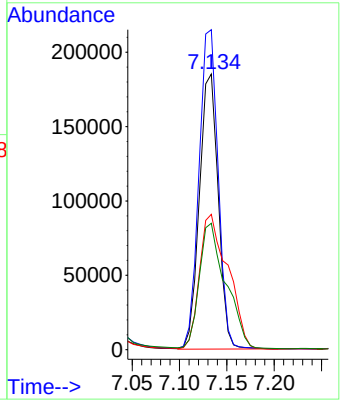


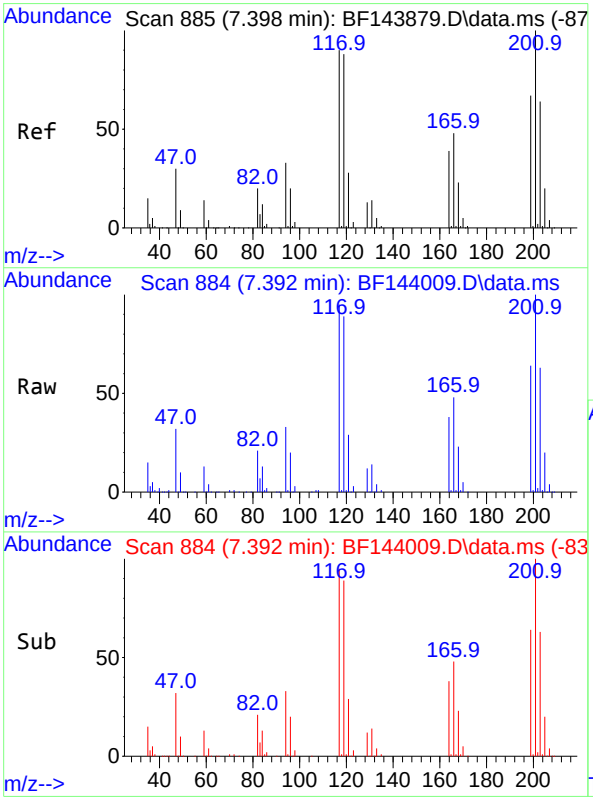
#17
2-Methylphenol
Concen: 39.68 ng
RT: 7.134 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 256143

Ion	Ratio	Lower	Upper
107	100		
108	116.1	94.7	142.1
77	49.1	38.8	58.2
79	45.8	38.3	57.5

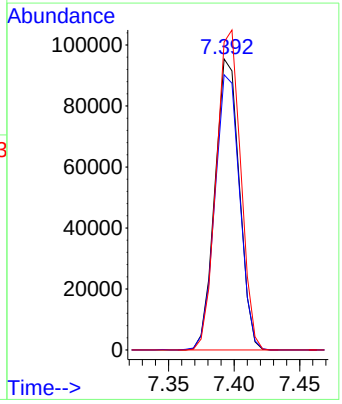


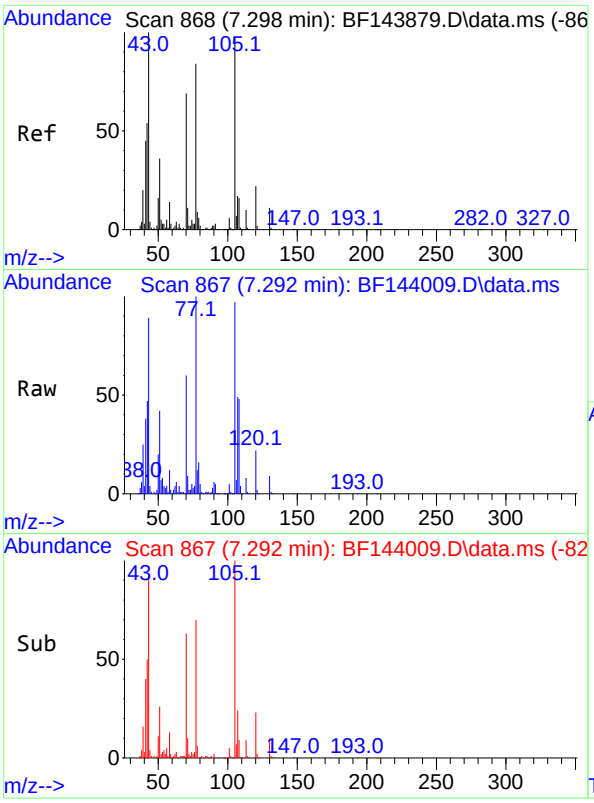


#18
Hexachloroethane
Concen: 40.13 ng
RT: 7.392 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Tgt Ion:117 Resp: 123432

Ion	Ratio	Lower	Upper
117	100		
119	94.6	77.8	116.8
201	105.8	88.5	132.7



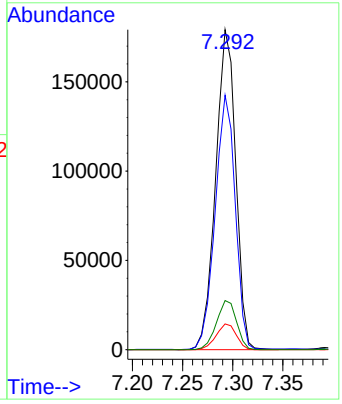


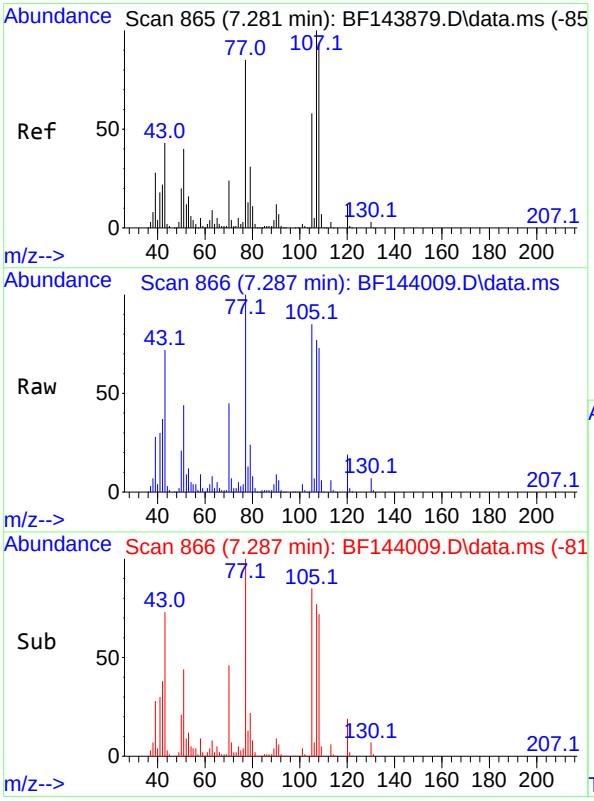
#19
n-Nitroso-di-n-propylamine
Concen: 38.27 ng
RT: 7.292 min Scan# 8
Delta R.T. -0.023 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 249549

Ion	Ratio	Lower	Upper
70	100		
42	79.5	62.8	94.2
101	8.1	6.7	10.1
130	15.4	13.0	19.4

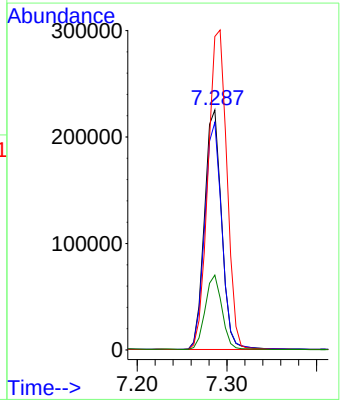


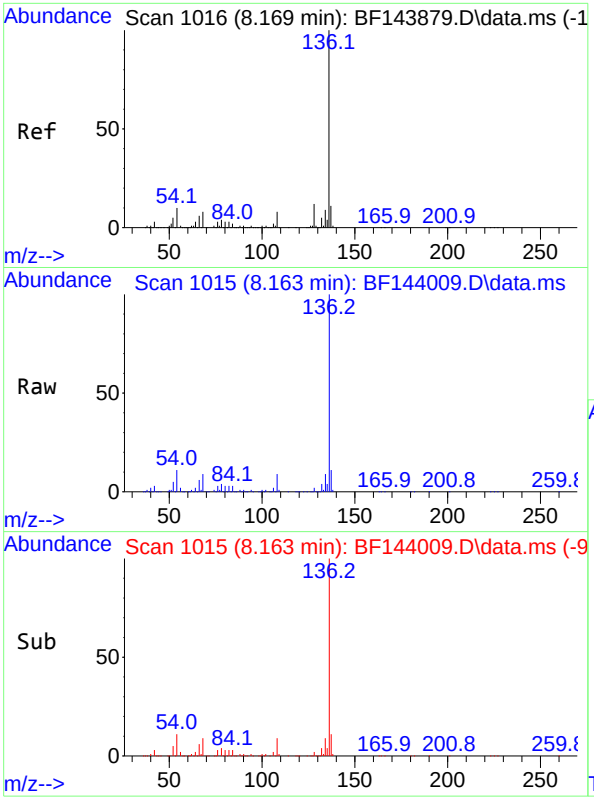


#20
3+4-Methylphenols
Concen: 39.91 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.012 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Tgt Ion:107 Resp: 298653

Ion	Ratio	Lower	Upper
107	100		
108	94.8	73.0	113.0
77	130.6	64.6	104.6#
79	31.2	11.5	51.5



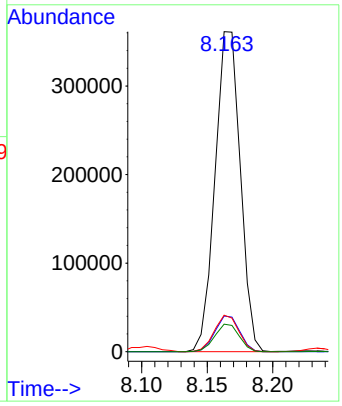


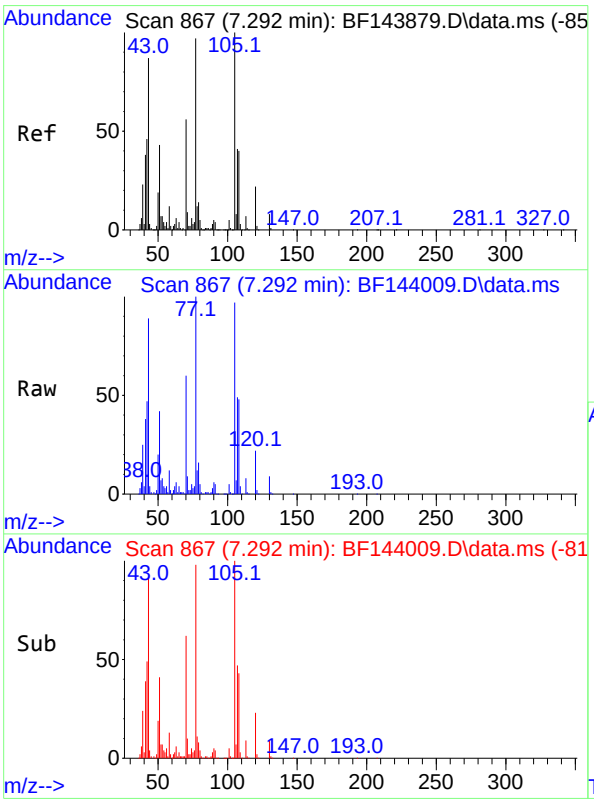
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.163 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 483648

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	11.4	8.2	12.4
68	8.6	6.2	9.4

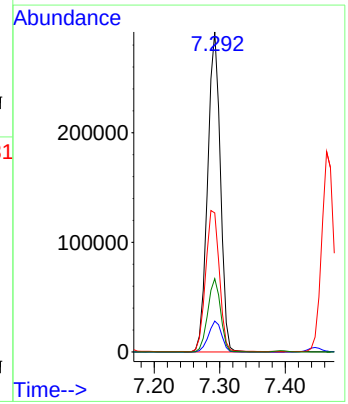


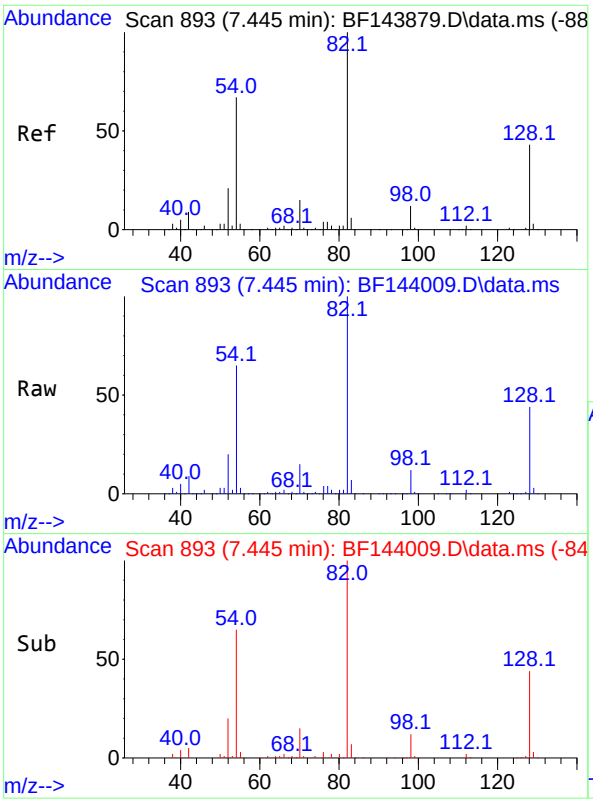


#22
Acetophenone
Concen: 38.65 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Tgt Ion:105 Resp: 395279

Ion	Ratio	Lower	Upper
105	100		
71	9.7	7.4	11.0
51	43.5	34.2	51.4
120	22.9	17.7	26.5



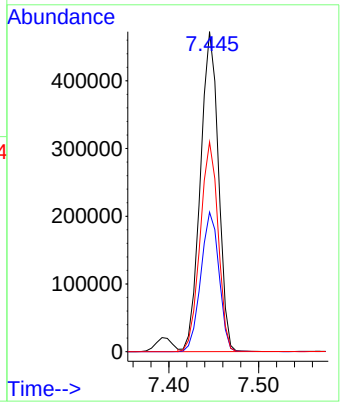


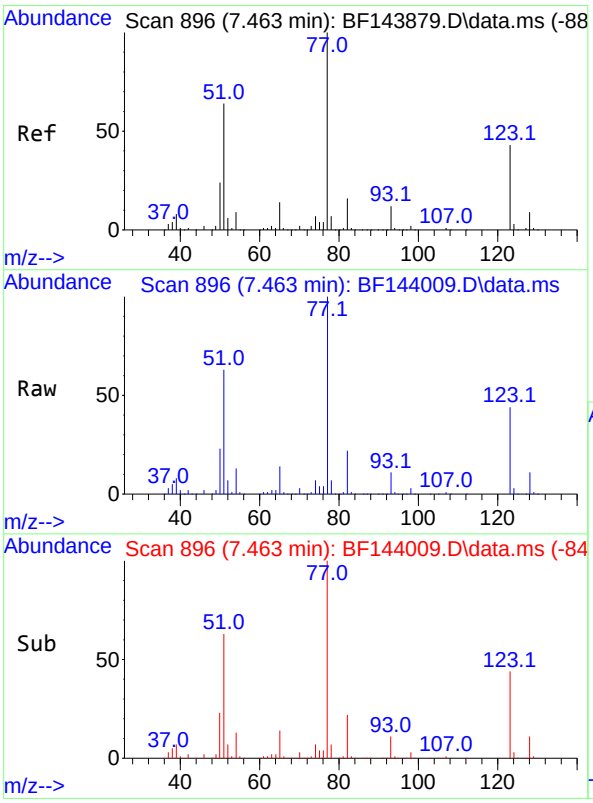
#23
Nitrobenzene-d5
Concen: 82.88 ng
RT: 7.445 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 659772

Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.0	51.0
54	65.5	53.2	79.8

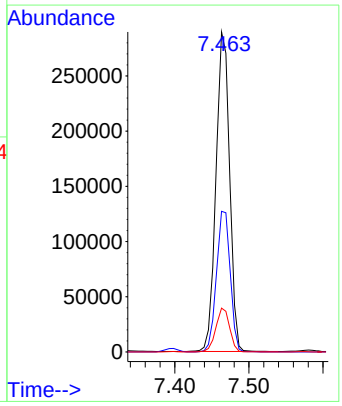


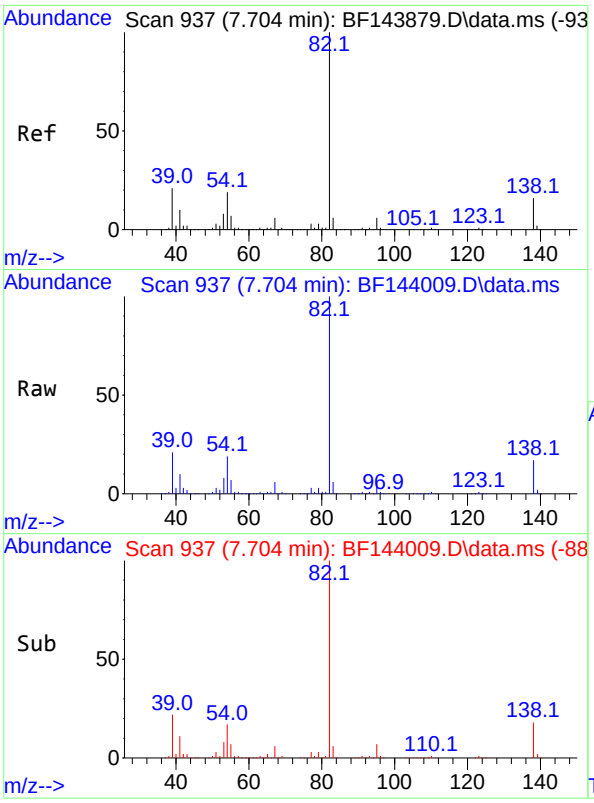


#24
Nitrobenzene
Concen: 41.81 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Tgt Ion: 77 Resp: 369646

Ion	Ratio	Lower	Upper
77	100		
123	43.9	34.2	51.4
65	13.7	11.0	16.6



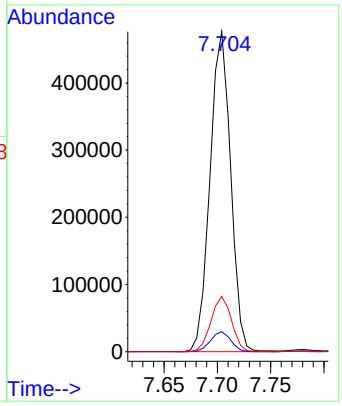


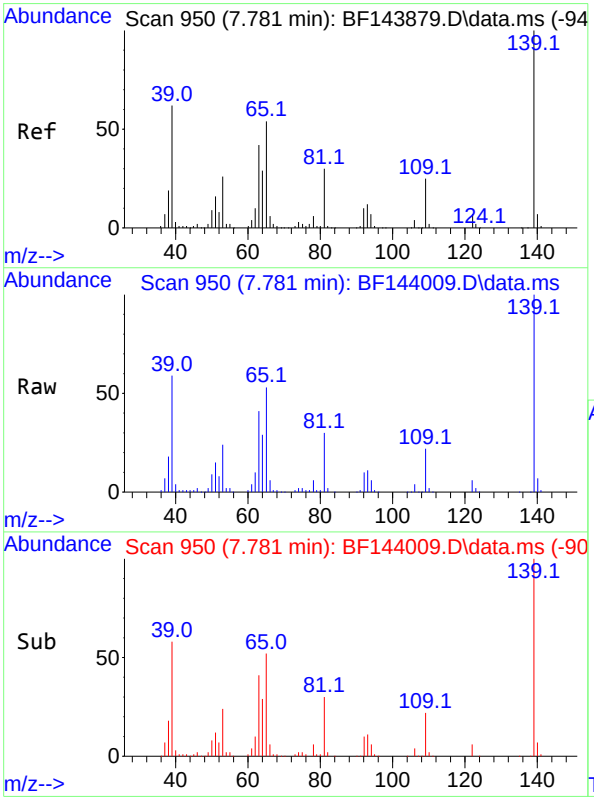
#25
Isophorone
Concen: 38.25 ng
RT: 7.704 min Scan# 9
Delta R.T. -0.018 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 642035

Ion	Ratio	Lower	Upper
82	100		
95	6.3	5.1	7.7
138	17.3	12.9	19.3

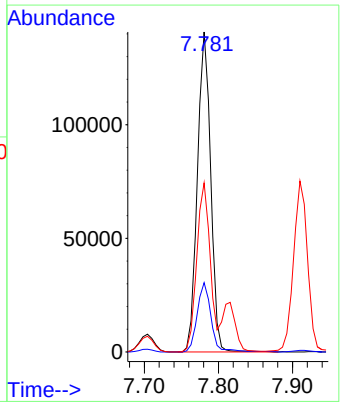


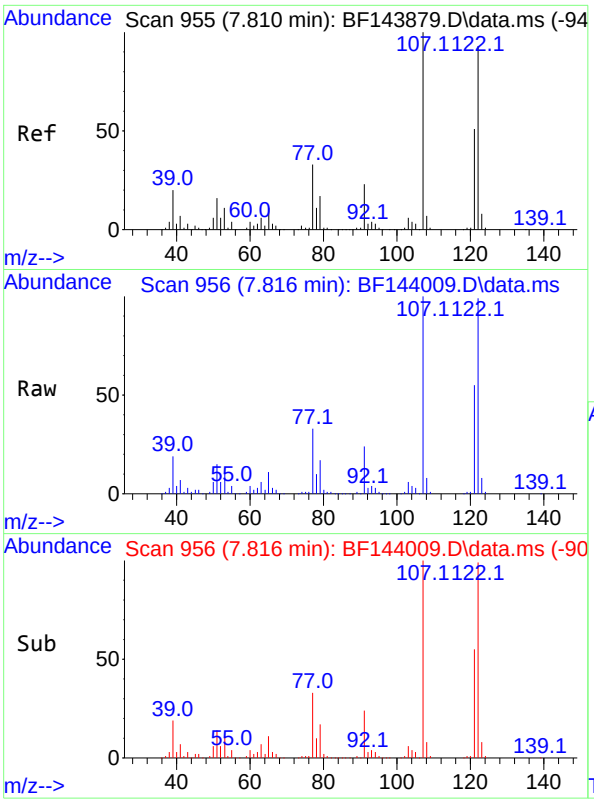


#26
2-Nitrophenol
Concen: 46.34 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Tgt Ion:139 Resp: 175637

Ion	Ratio	Lower	Upper
139	100		
109	21.6	19.8	29.6
65	52.8	42.9	64.3



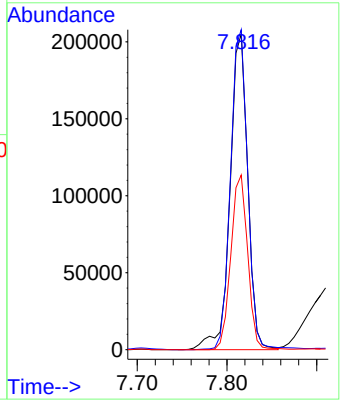


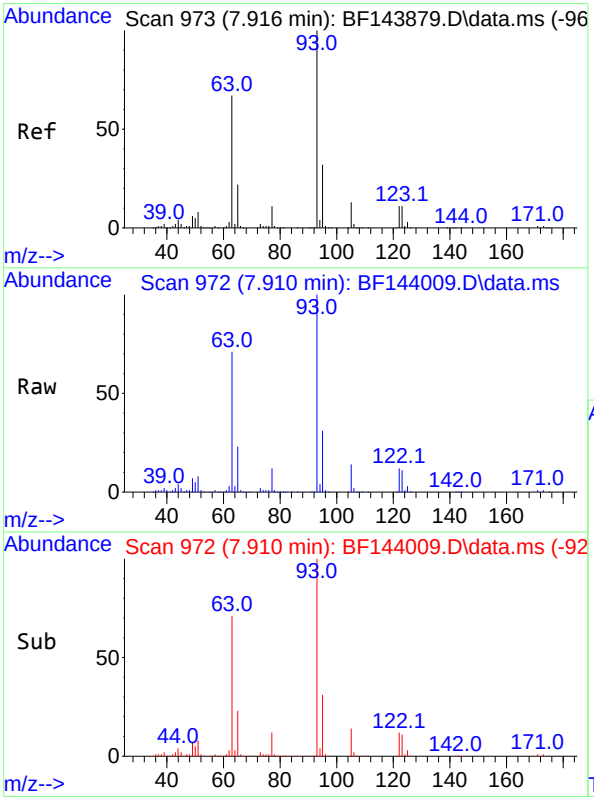
#27
2,4-Dimethylphenol
Concen: 41.19 ng
RT: 7.816 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 280851

Ion	Ratio	Lower	Upper
122	100		
107	101.4	86.1	129.1
121	55.3	43.8	65.6

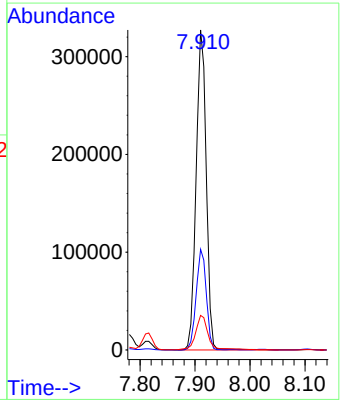


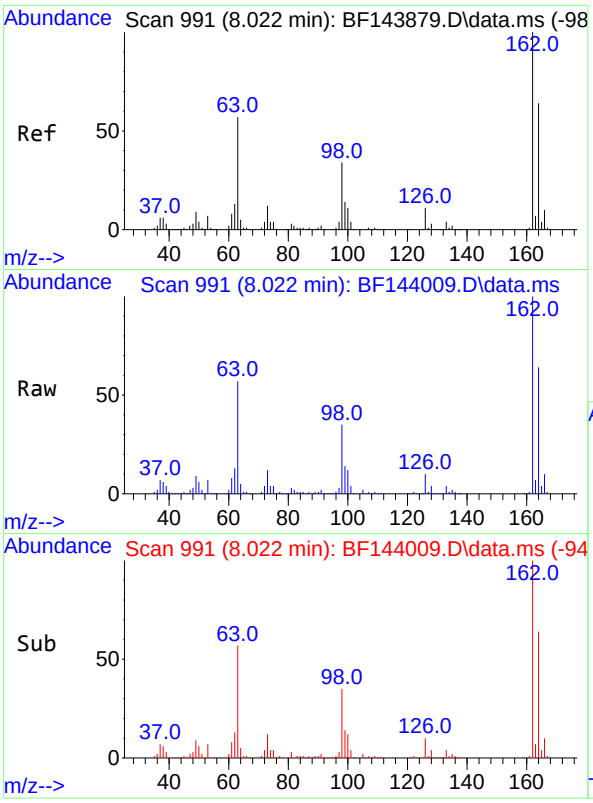


#28
bis(2-Chloroethoxy)methane
Concen: 39.53 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.012 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Tgt Ion: 93 Resp: 419161

Ion	Ratio	Lower	Upper
93	100		
95	31.5	25.9	38.9
123	10.8	9.4	14.0



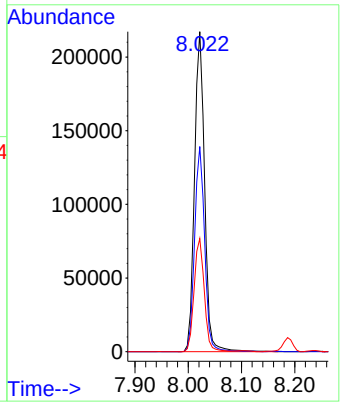


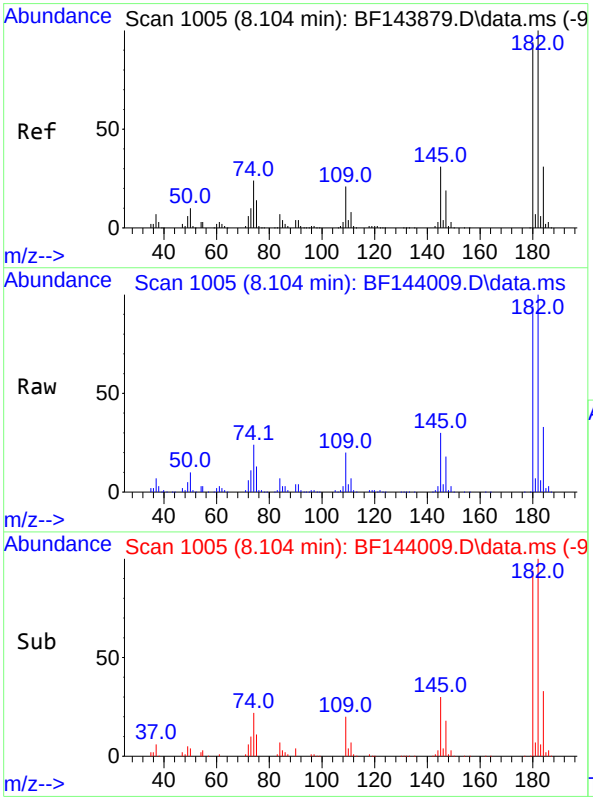
#29
2,4-Dichlorophenol
Concen: 40.12 ng
RT: 8.022 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 284947

Ion	Ratio	Lower	Upper
162	100		
164	64.1	43.9	83.9
98	35.3	14.4	54.4

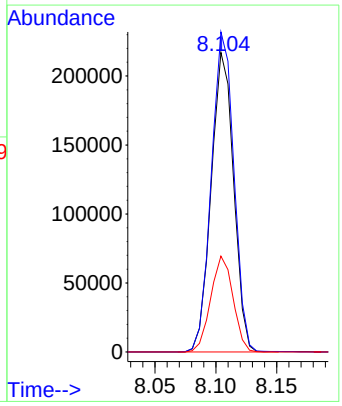


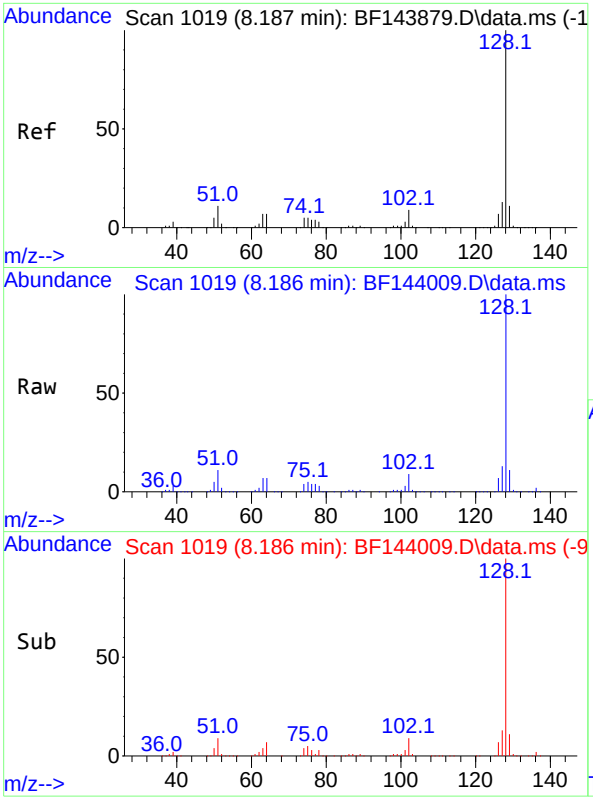


#30
1,2,4-Trichlorobenzene
Concen: 39.93 ng
RT: 8.104 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Tgt Ion:180 Resp: 278910

Ion	Ratio	Lower	Upper
180	100		
182	106.8	85.4	128.0
145	32.0	26.3	39.5



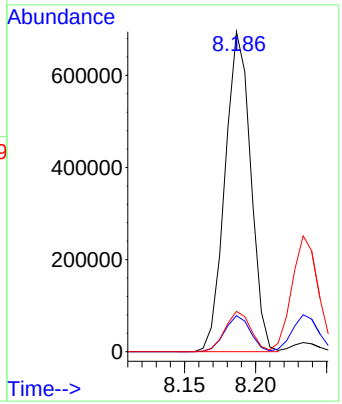


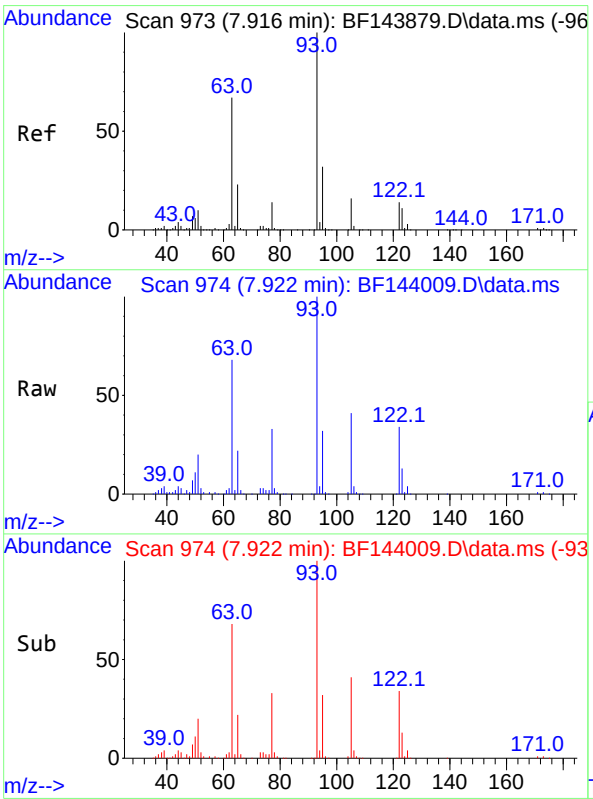
#31
Naphthalene
Concen: 39.67 ng
RT: 8.186 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 872696

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	12.6	10.0	15.0

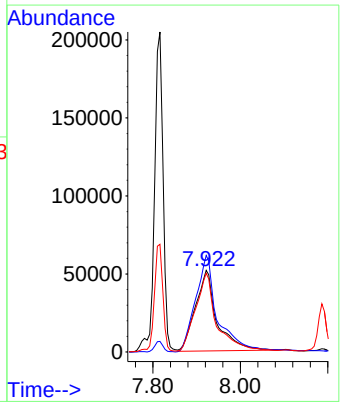


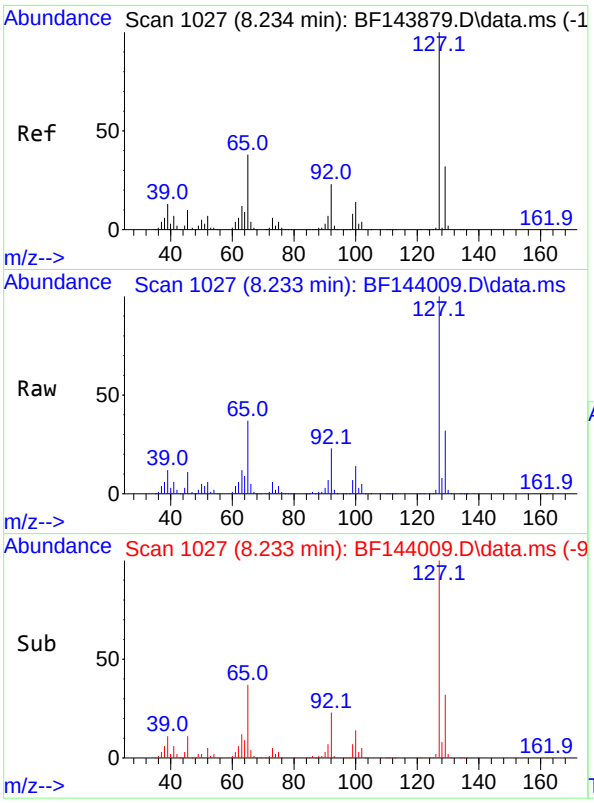


#32
Benzoic acid
Concen: 37.57 ng
RT: 7.922 min Scan# 974
Delta R.T. -0.041 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Tgt Ion:122 Resp: 177272

Ion	Ratio	Lower	Upper
122	100		
105	118.3	93.5	133.5
77	96.6	76.3	116.3



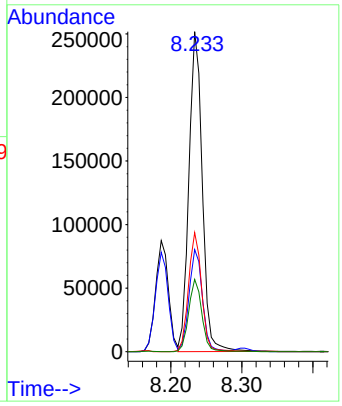


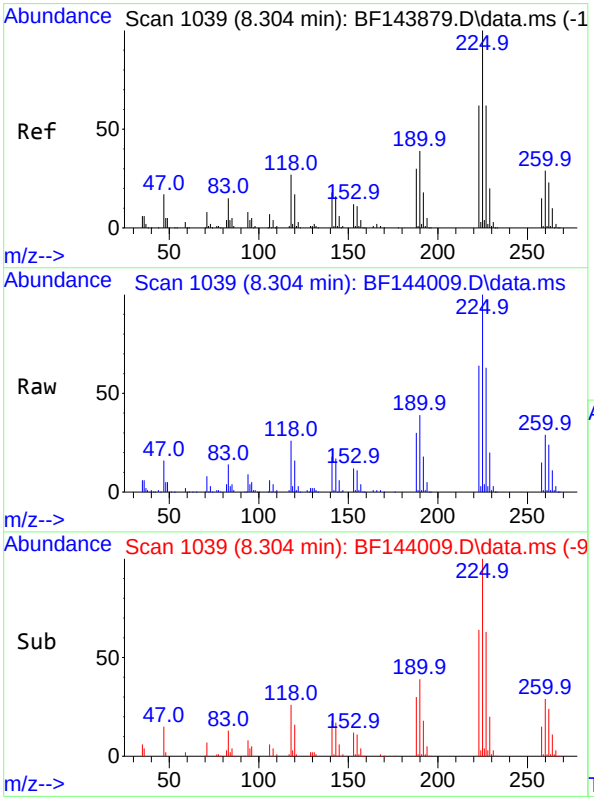
#33
4-Chloroaniline
Concen: 39.99 ng
RT: 8.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 329949

Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.8	38.8
65	37.2	30.0	45.0
92	22.6	18.2	27.2

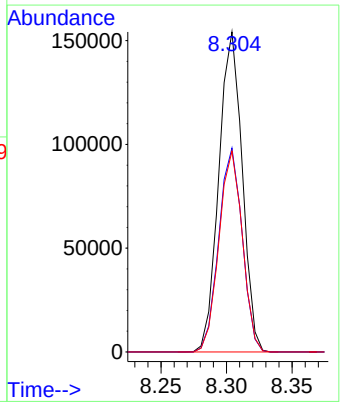


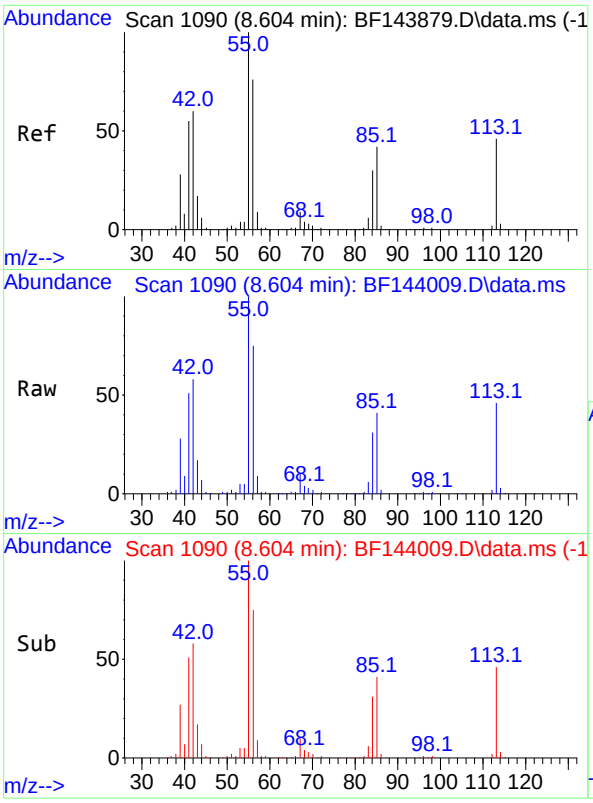


#34
Hexachlorobutadiene
Concen: 39.35 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Tgt Ion:225 Resp: 190984

Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.4	74.2
227	62.7	49.7	74.5



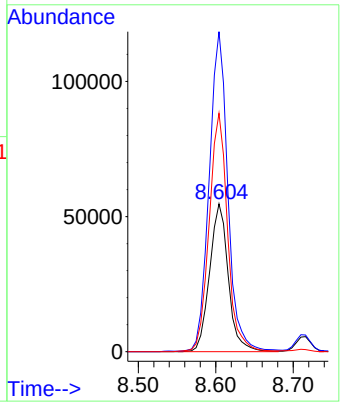


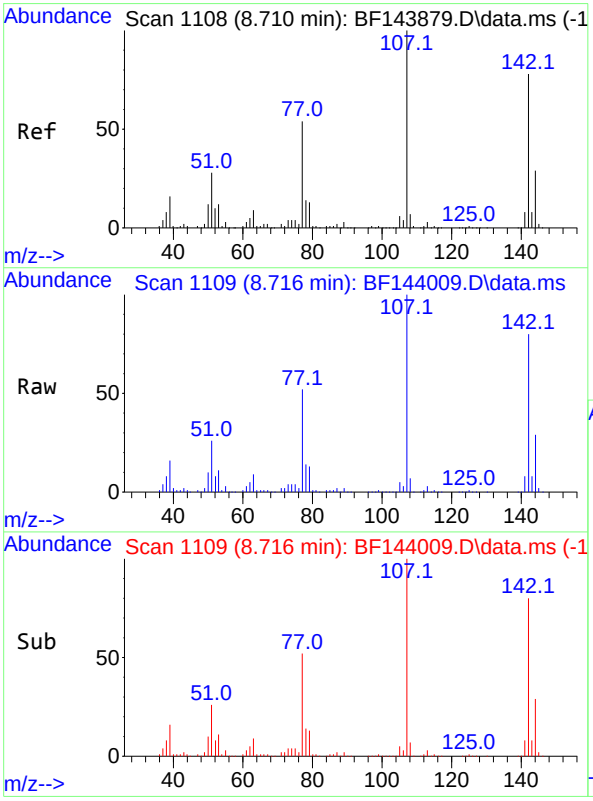
#35
Caprolactam
Concen: 40.57 ng
RT: 8.604 min Scan# 1
Delta R.T. -0.041 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 91608

Ion	Ratio	Lower	Upper
113	100		
55	216.4	199.6	239.6
56	161.3	146.0	186.0

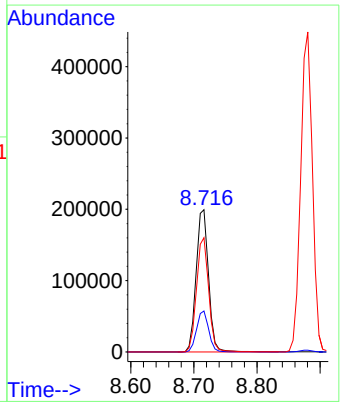


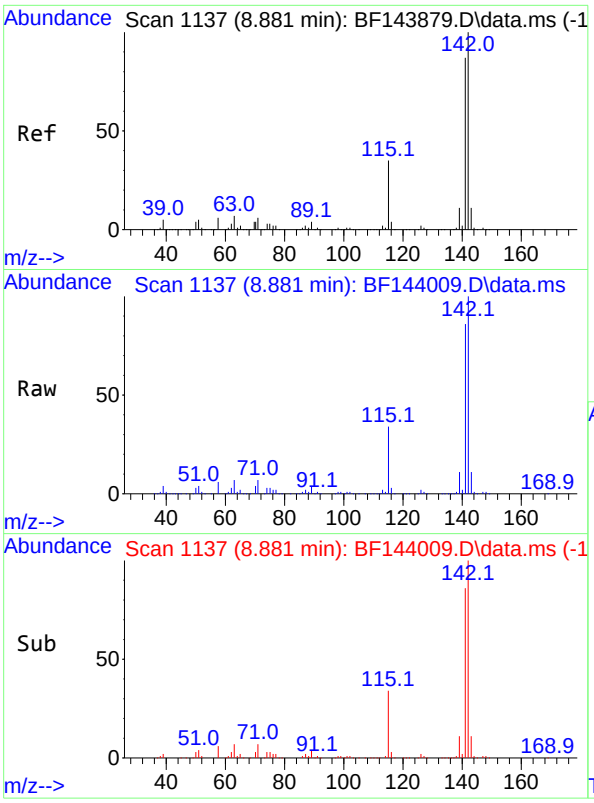


#36
4-Chloro-3-methylphenol
Concen: 39.78 ng
RT: 8.716 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Tgt Ion:107 Resp: 271348

Ion	Ratio	Lower	Upper
107	100		
144	28.8	23.1	34.7
142	80.4	62.6	94.0



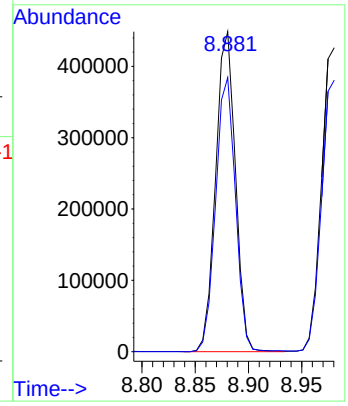


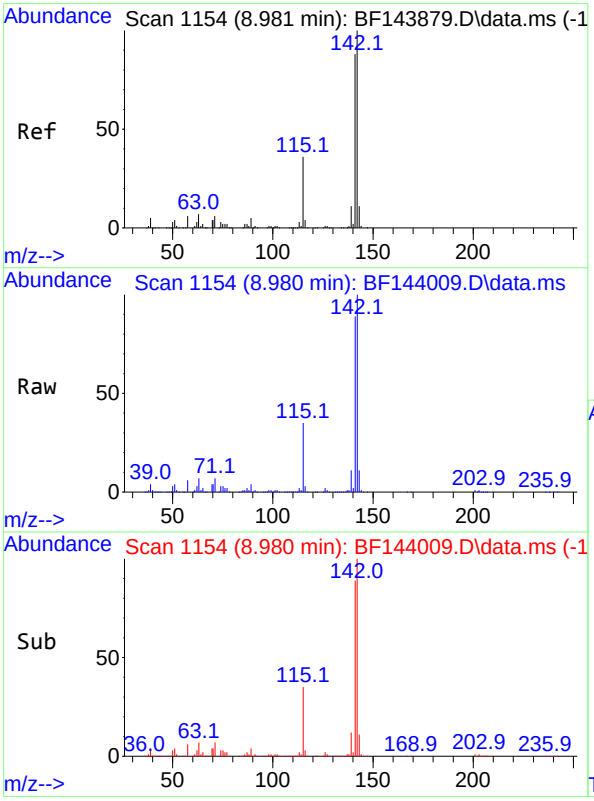
#37
2-Methylnaphthalene
Concen: 39.55 ng
RT: 8.881 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 579595

Ion	Ratio	Lower	Upper
142	100		
141	85.6	69.2	103.8

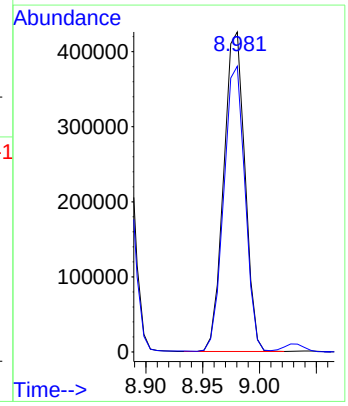


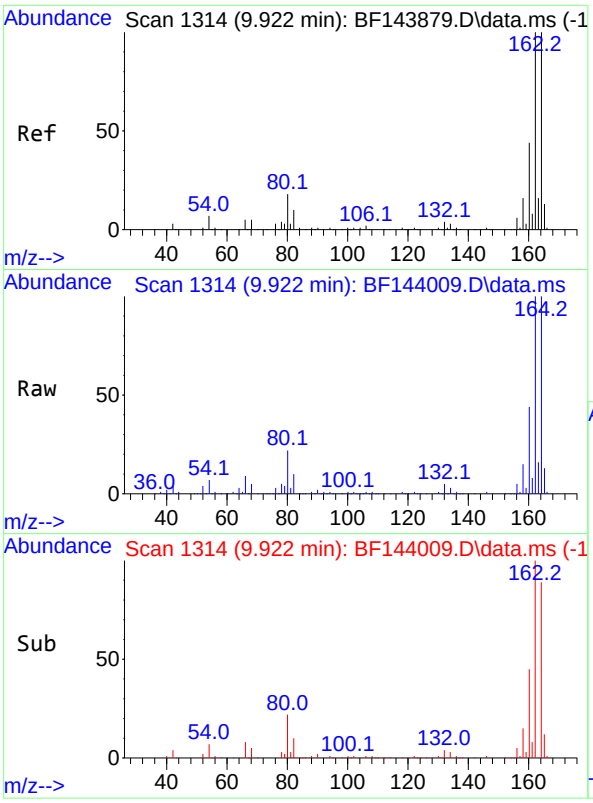


#38
1-Methylnaphthalene
Concen: 39.00 ng
RT: 8.980 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Tgt Ion:142 Resp: 554429

Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.8	106.2



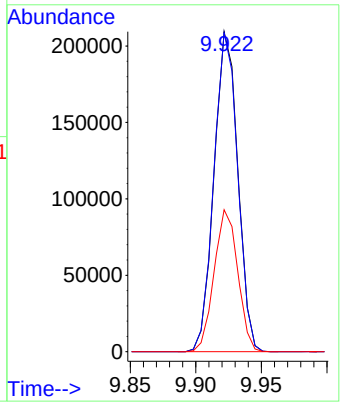


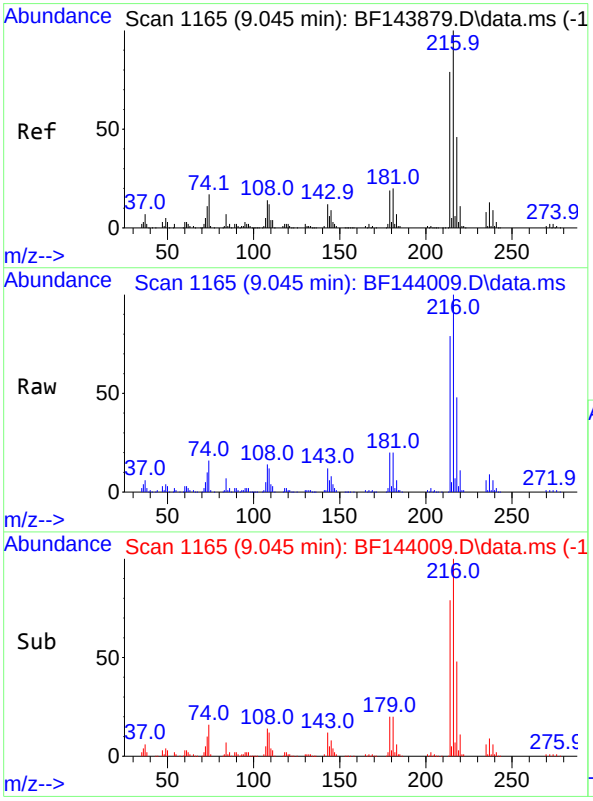
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.922 min Scan# 1
Delta R.T. -0.005 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 263342

Ion	Ratio	Lower	Upper
164	100		
162	99.6	80.2	120.2
160	44.4	35.4	53.0

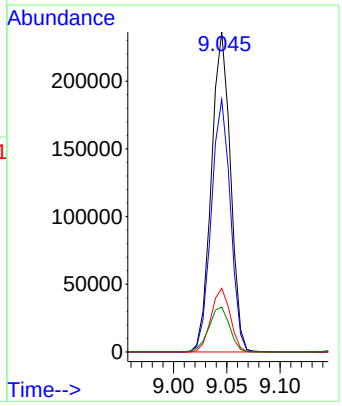


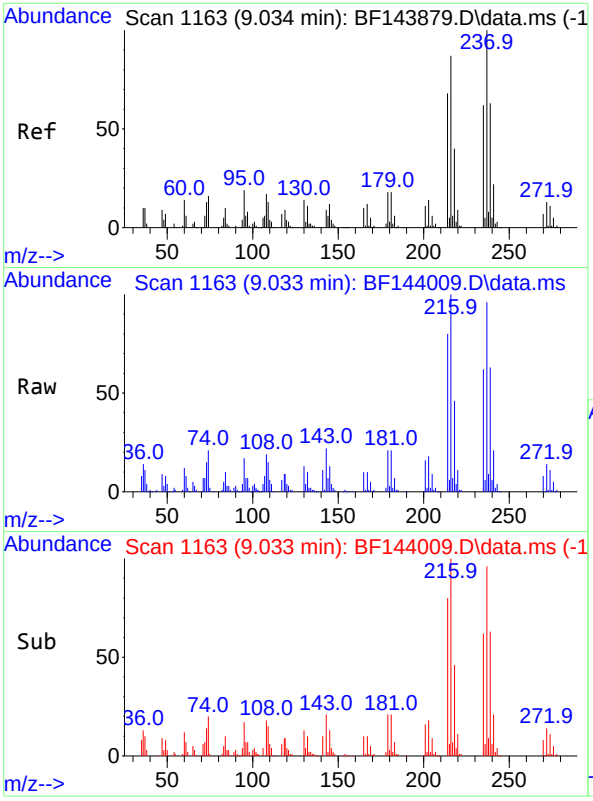


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.44 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Tgt Ion:216 Resp: 294341

Ion	Ratio	Lower	Upper
216	100		
214	79.0	62.6	94.0
179	19.9	15.4	23.0
108	15.3	12.0	18.0



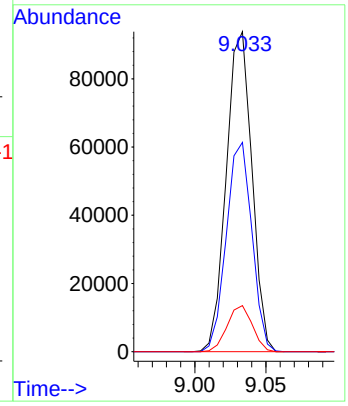


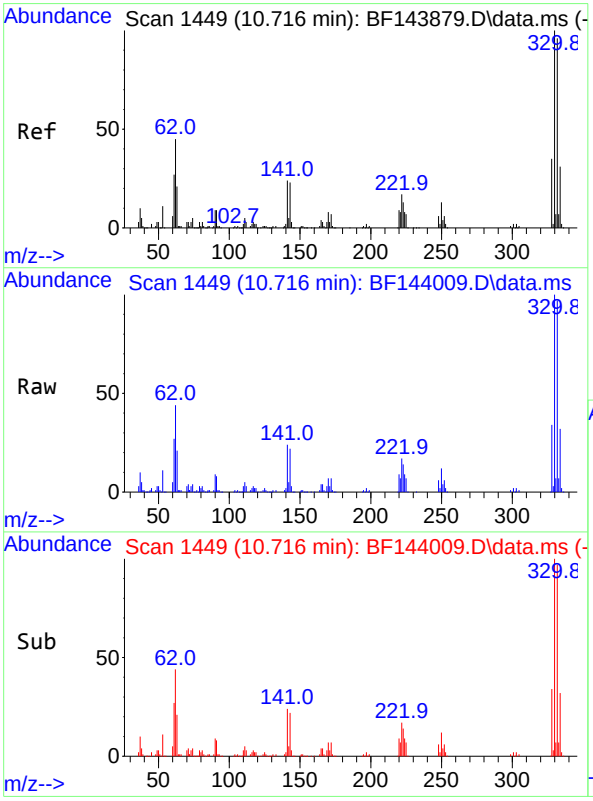
#41
Hexachlorocyclopentadiene
Concen: 38.99 ng
RT: 9.033 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 117733

Ion	Ratio	Lower	Upper
237	100		
235	65.4	42.3	82.3
272	14.4	0.0	33.1

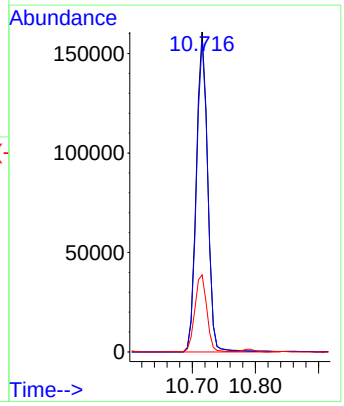


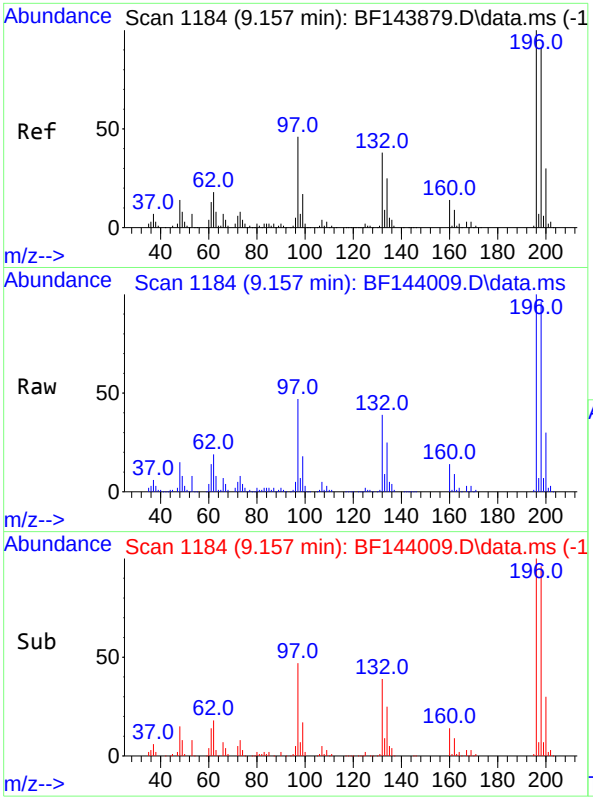


#42
2,4,6-Tribromophenol
Concen: 76.64 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Tgt Ion:330 Resp: 201018

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.9	115.3
141	25.1	20.2	30.4



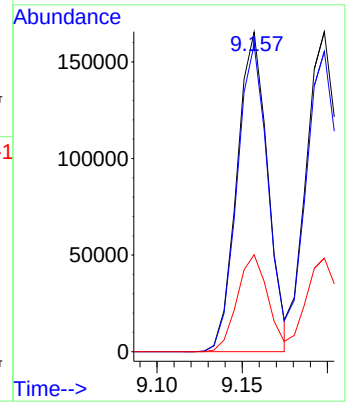


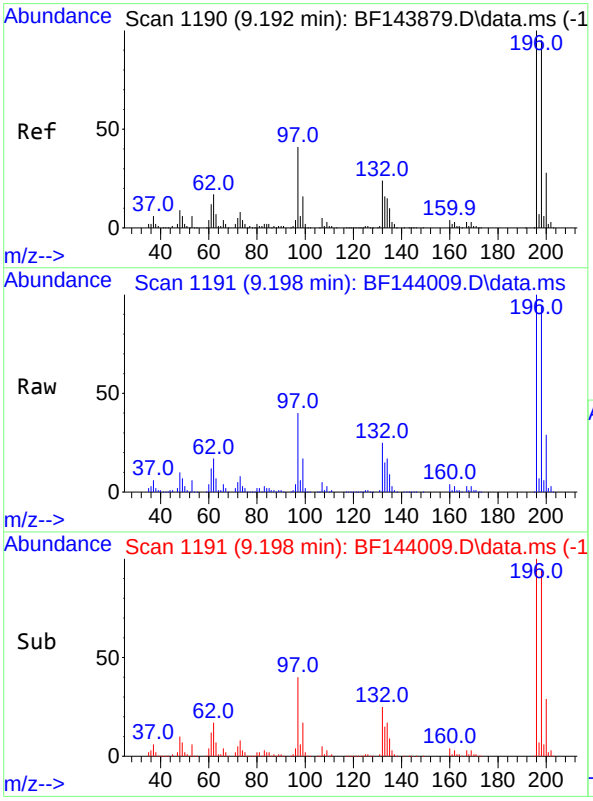
#43
2,4,6-Trichlorophenol
Concen: 39.06 ng
RT: 9.157 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 207739

Ion	Ratio	Lower	Upper
196	100		
198	96.1	72.8	109.2
200	30.4	24.0	36.0

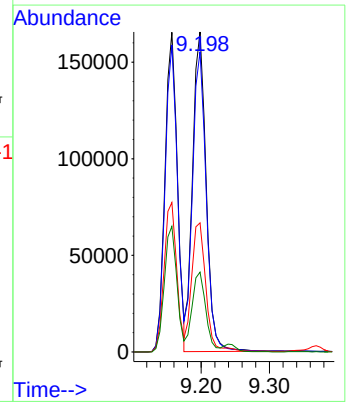


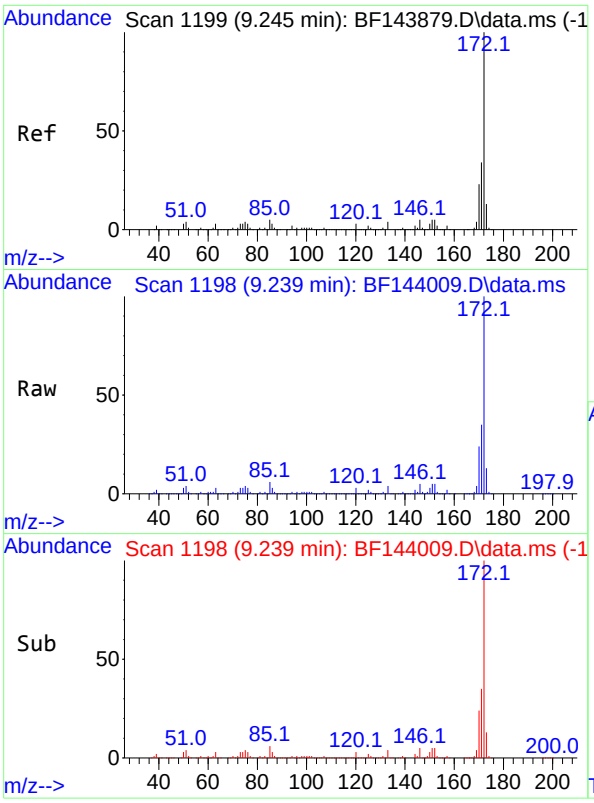


#44
2,4,5-Trichlorophenol
Concen: 40.50 ng
RT: 9.198 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Tgt Ion:196 Resp: 227628

Ion	Ratio	Lower	Upper
196	100		
198	93.9	75.5	113.3
97	40.4	33.9	50.9
132	24.9	20.0	30.0



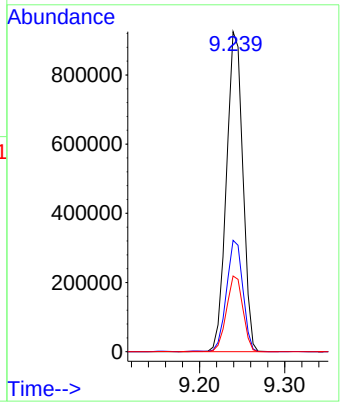


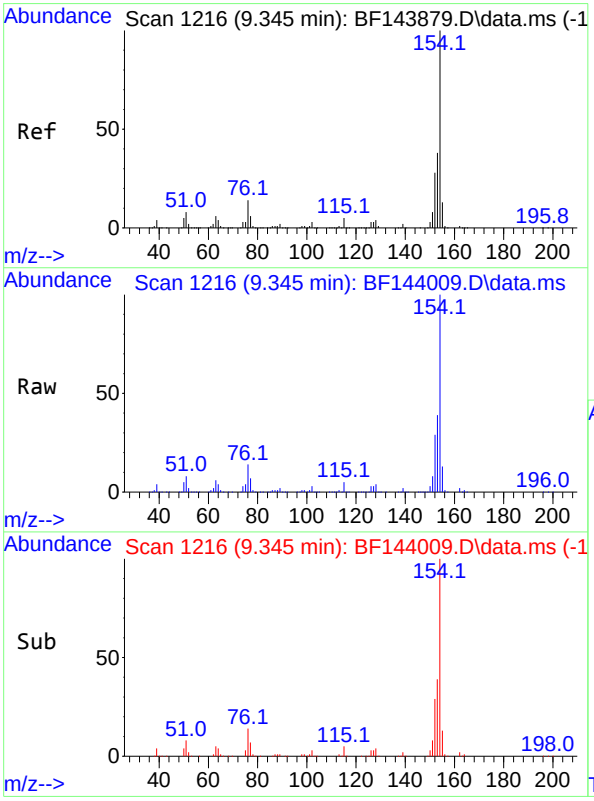
#45
2-Fluorobiphenyl
Concen: 74.52 ng
RT: 9.239 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 1236786

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.4	41.0
170	23.6	18.6	28.0

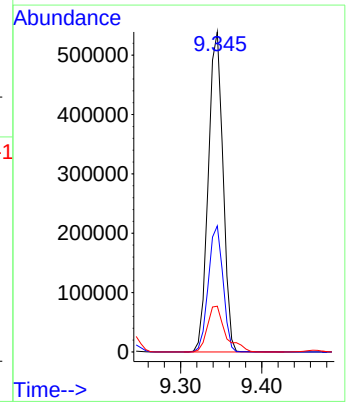


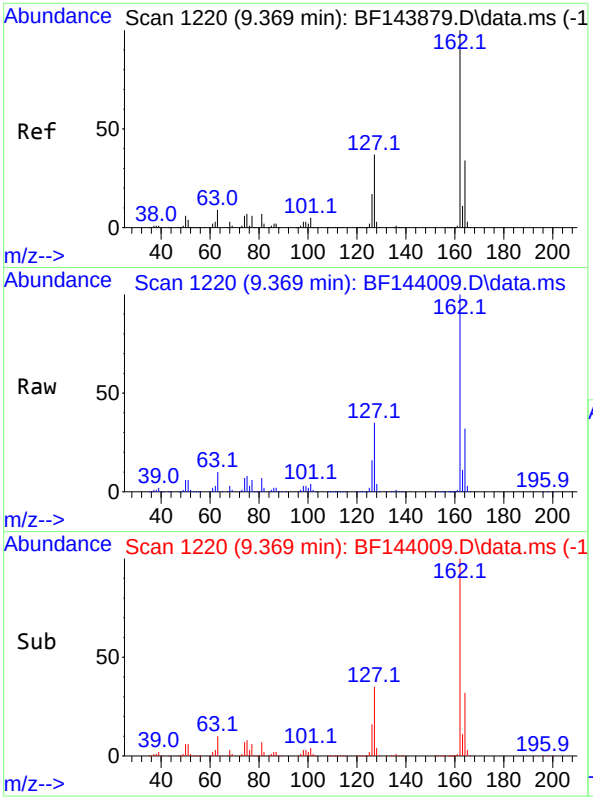


#46
1,1'-Biphenyl
Concen: 38.75 ng
RT: 9.345 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Tgt Ion:154 Resp: 675634

Ion	Ratio	Lower	Upper
154	100		
153	39.4	18.4	58.4
76	14.3	0.0	34.0



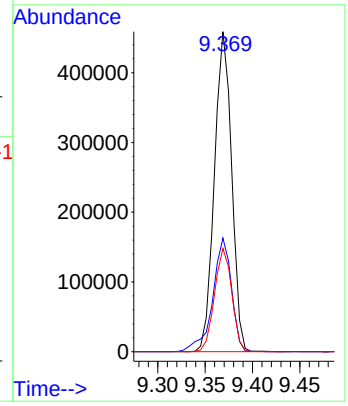


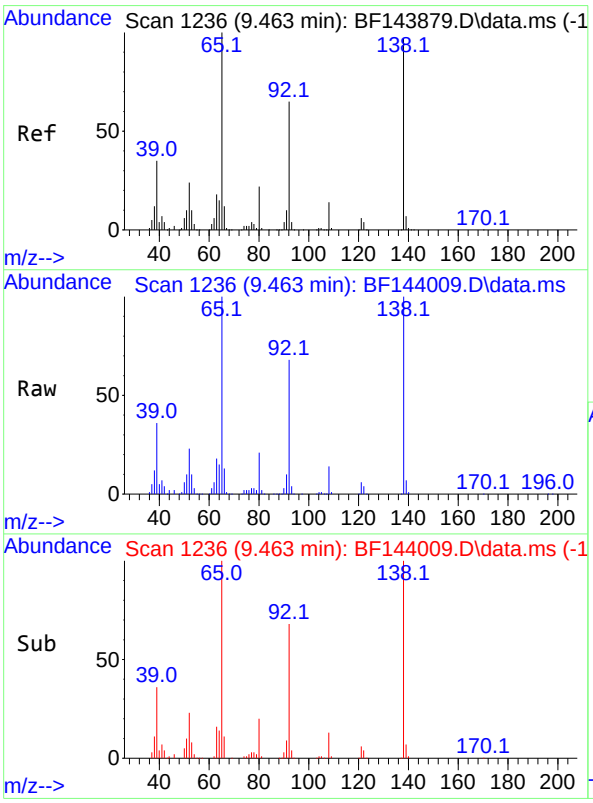
#47
2-Chloronaphthalene
Concen: 39.83 ng
RT: 9.369 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 579022

Ion	Ratio	Lower	Upper
162	100		
127	35.5	30.2	45.2
164	32.2	26.9	40.3

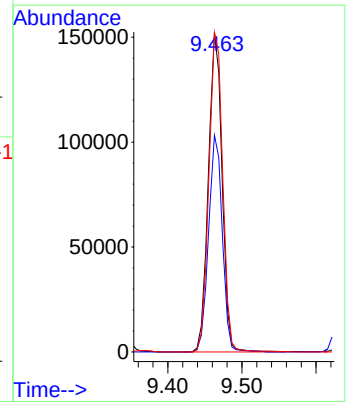


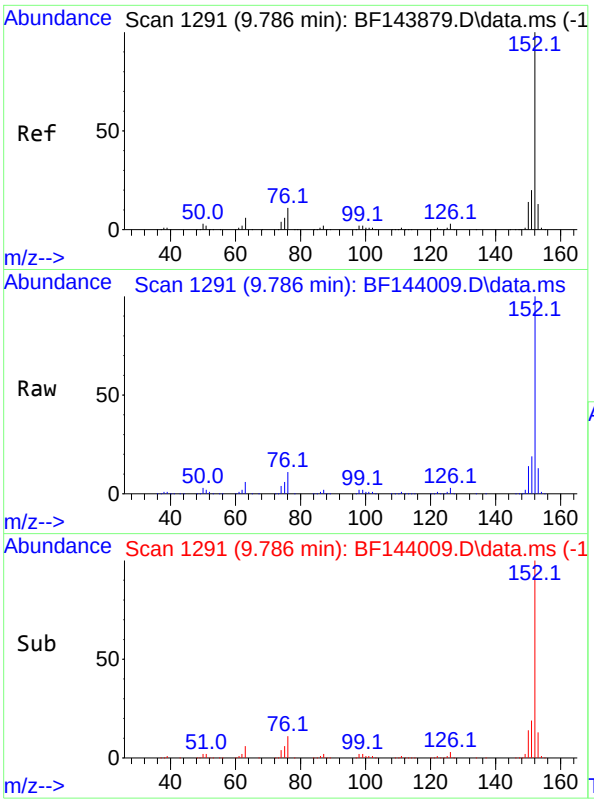


#48
2-Nitroaniline
Concen: 42.59 ng
RT: 9.463 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Tgt Ion: 65 Resp: 195755

Ion	Ratio	Lower	Upper
65	100		
92	67.7	52.1	78.1
138	99.9	77.4	116.2



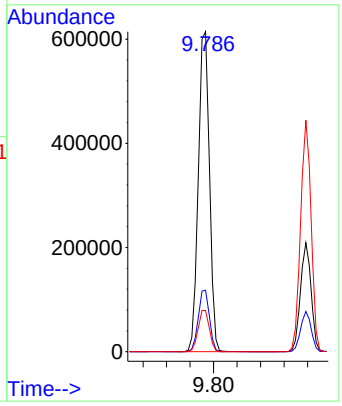


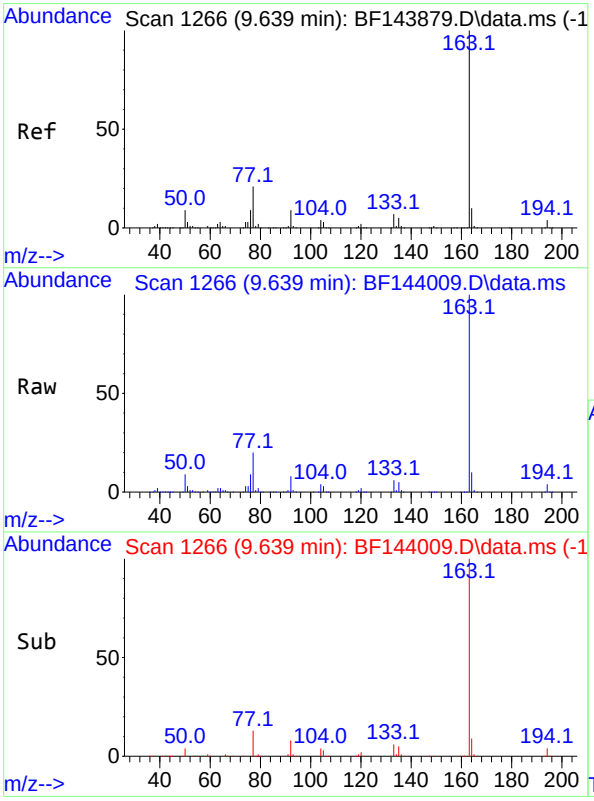
#49
Acenaphthylene
Concen: 39.46 ng
RT: 9.786 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 806476

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.8	23.6
153	12.9	10.5	15.7

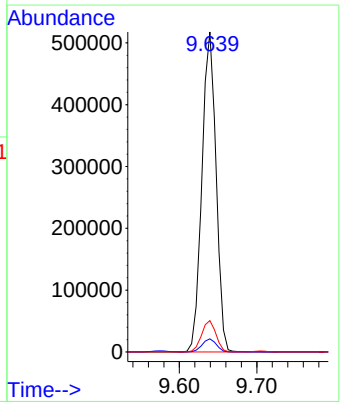


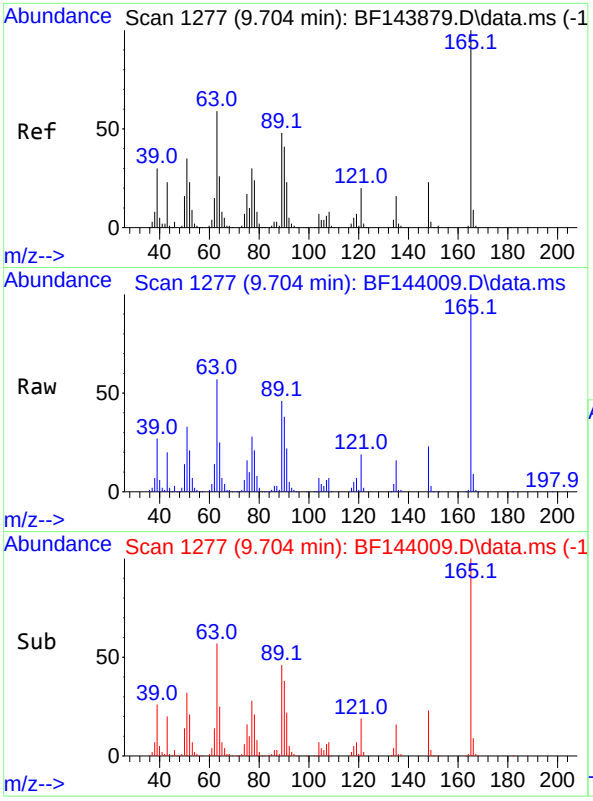


#50
Dimethylphthalate
Concen: 39.24 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Tgt Ion:163 Resp: 656275

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	9.8	8.1	12.1



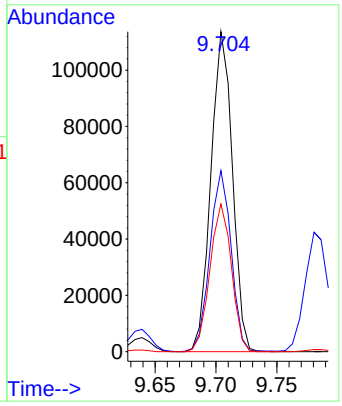


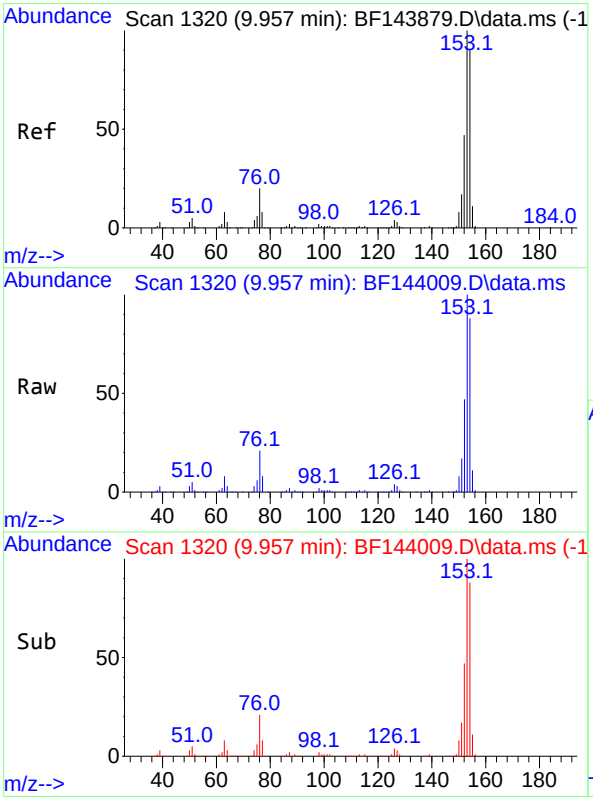
#51
2,6-Dinitrotoluene
Concen: 44.99 ng
RT: 9.704 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 139509

Ion	Ratio	Lower	Upper
165	100		
63	56.6	47.3	70.9
89	46.1	38.2	57.4

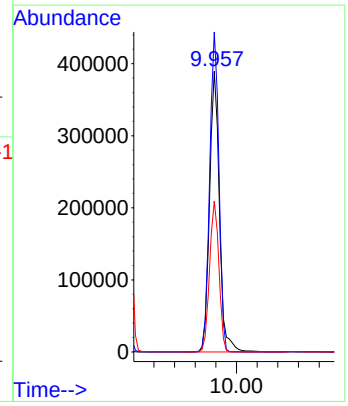


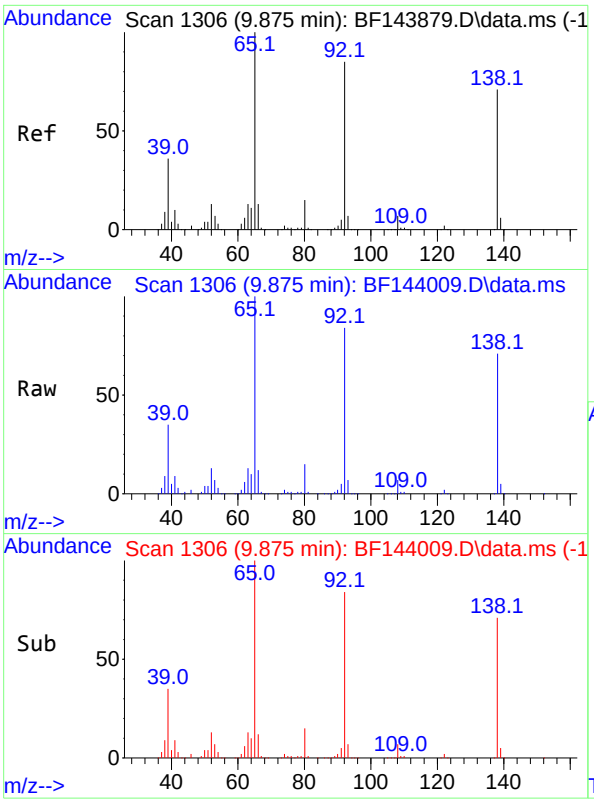


#52
Acenaphthene
Concen: 38.55 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Tgt Ion:154 Resp: 516301

Ion	Ratio	Lower	Upper
154	100		
153	114.0	89.3	133.9
152	53.8	42.2	63.2



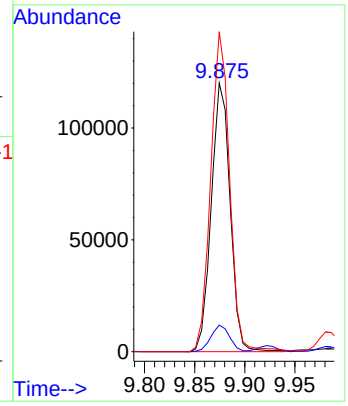


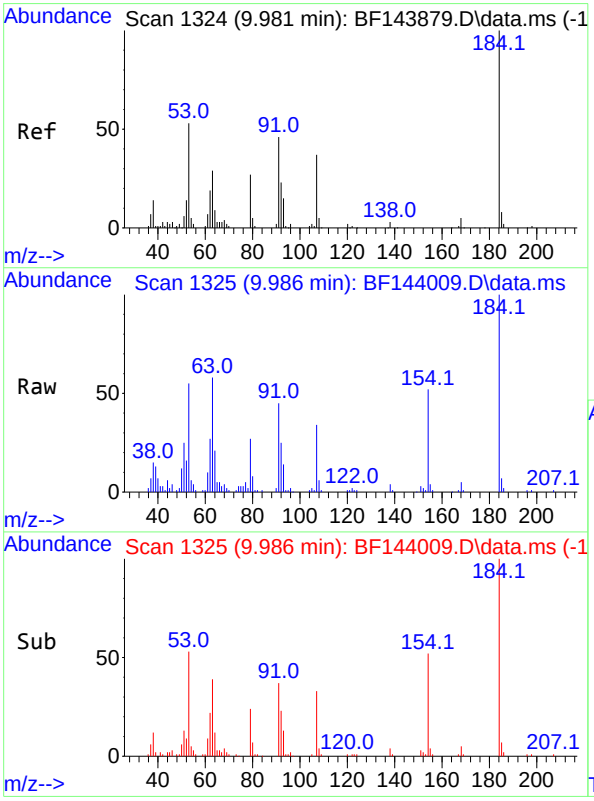
#53
3-Nitroaniline
Concen: 41.46 ng
RT: 9.875 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 157431

Ion	Ratio	Lower	Upper
138	100		
108	9.9	8.3	12.5
92	119.1	96.2	144.2

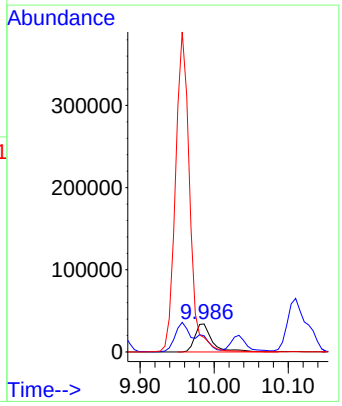


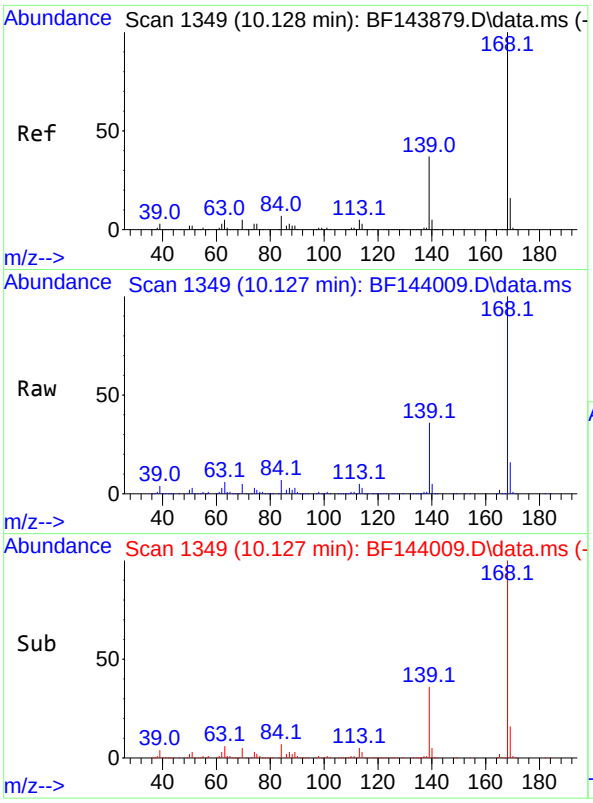


#54
2,4-Dinitrophenol
Concen: 33.42 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Tgt Ion:184 Resp: 55464

Ion	Ratio	Lower	Upper
184	100		
63	57.6	48.2	72.4
154	52.2	49.2	73.8



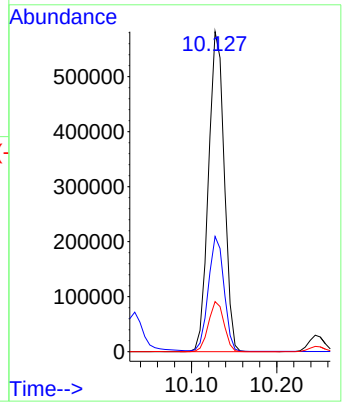


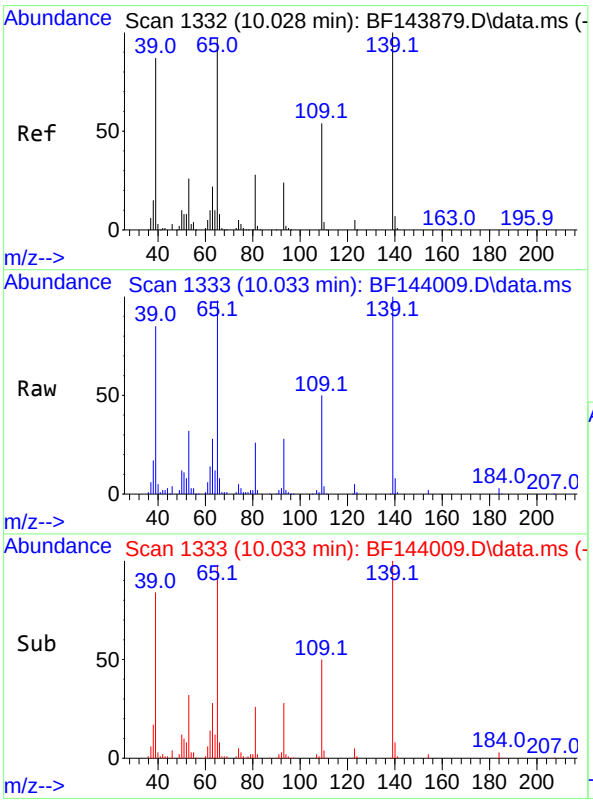
#55
Dibenzofuran
Concen: 39.36 ng
RT: 10.127 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 744098

Ion	Ratio	Lower	Upper
168	100		
139	36.0	29.8	44.8
169	15.6	12.8	19.2

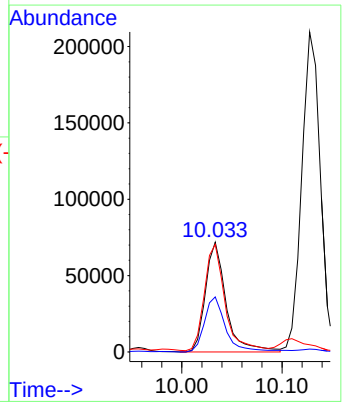


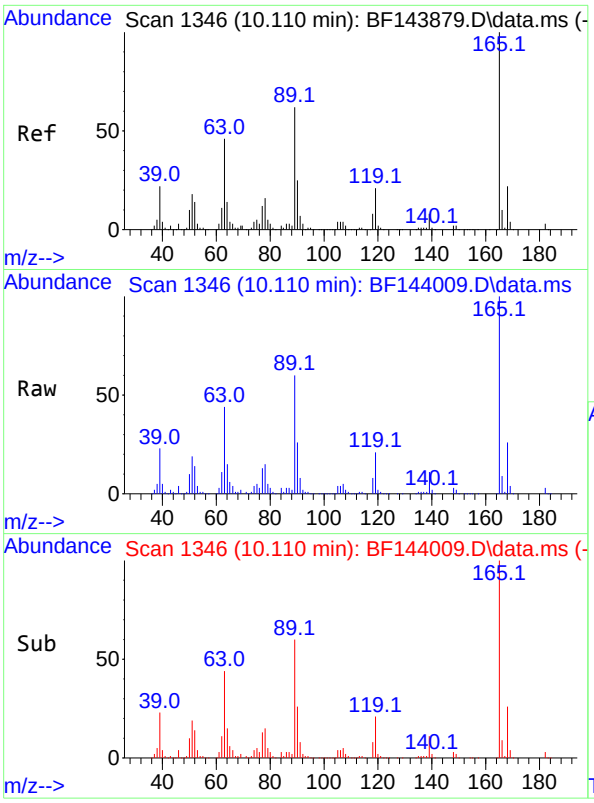


#56
4-Nitrophenol
Concen: 36.03 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Tgt Ion:139 Resp: 103581

Ion	Ratio	Lower	Upper
139	100		
109	50.1	34.5	74.5
65	98.0	77.6	117.6



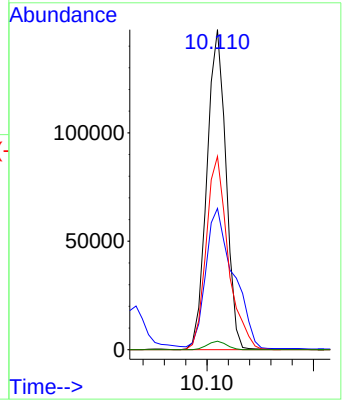


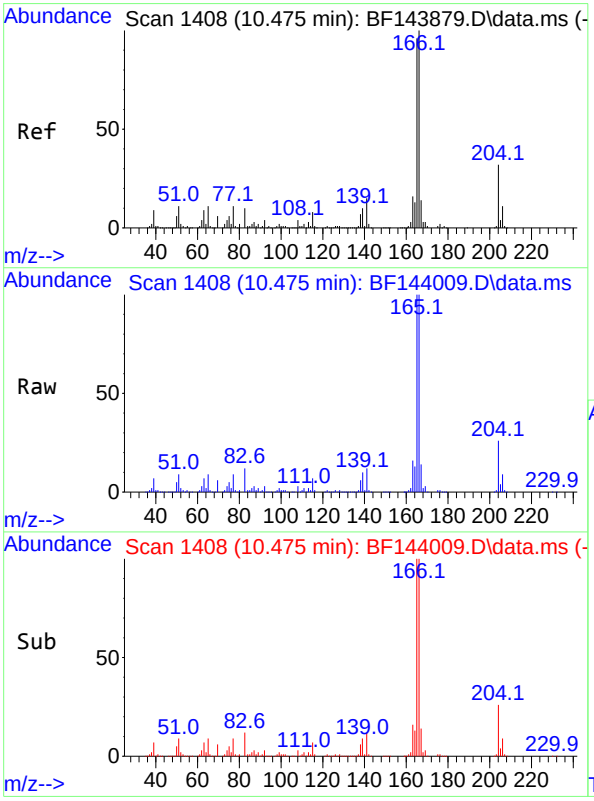
#57
2,4-Dinitrotoluene
Concen: 43.65 ng
RT: 10.110 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 184180

Ion	Ratio	Lower	Upper
165	100		
63	44.2	37.2	55.8
89	60.4	49.4	74.2
182	2.6	2.1	3.1

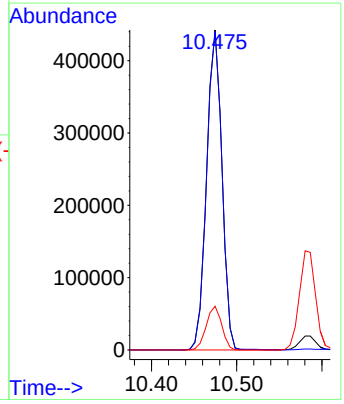


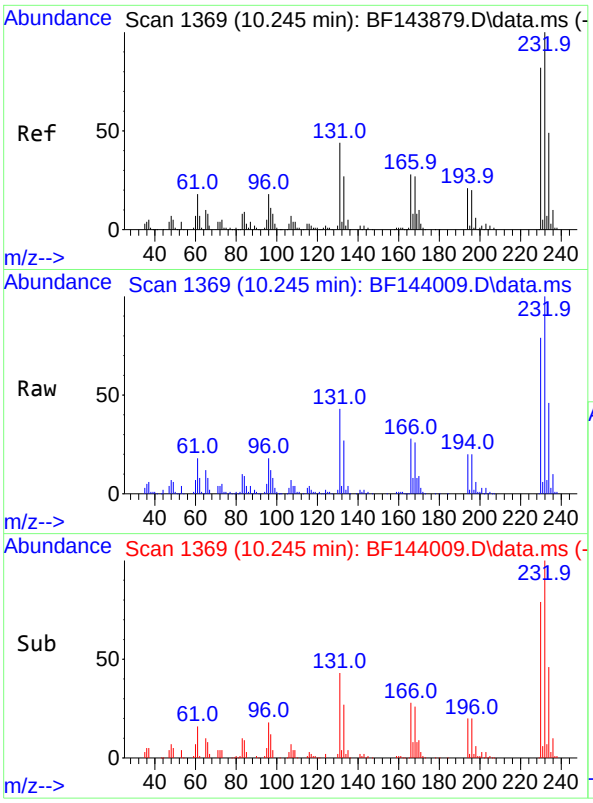


#58
Fluorene
Concen: 38.86 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Tgt Ion:166 Resp: 554334

Ion	Ratio	Lower	Upper
166	100		
165	99.6	77.0	115.6
167	13.6	11.1	16.7



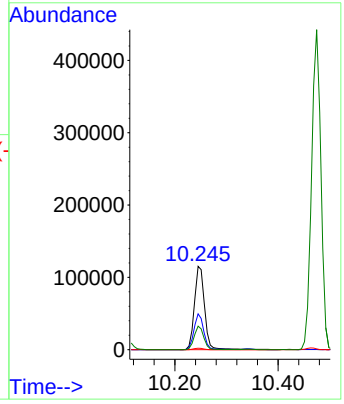


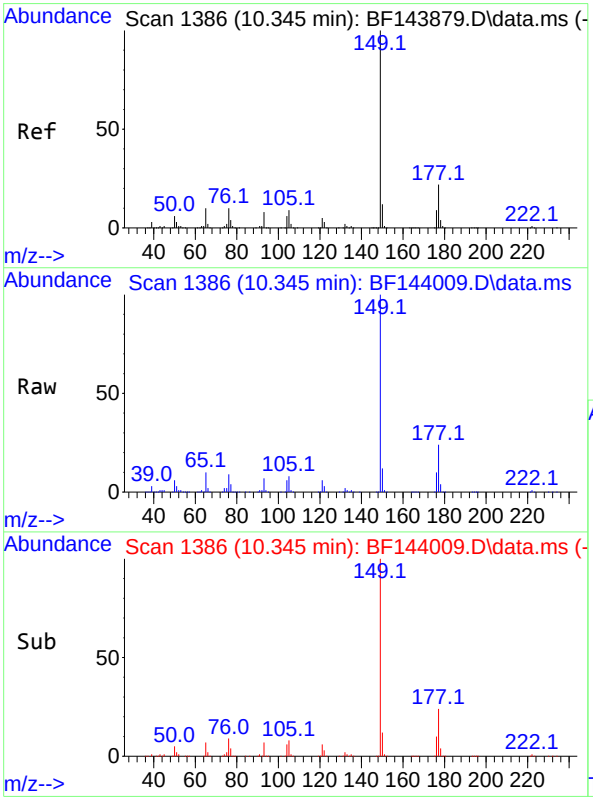
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.55 ng
RT: 10.245 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 157324

Ion	Ratio	Lower	Upper
232	100		
131	41.1	34.9	52.3
130	1.6	1.6	2.4#
166	26.5	22.0	33.0

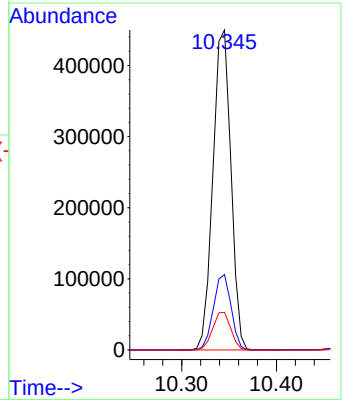


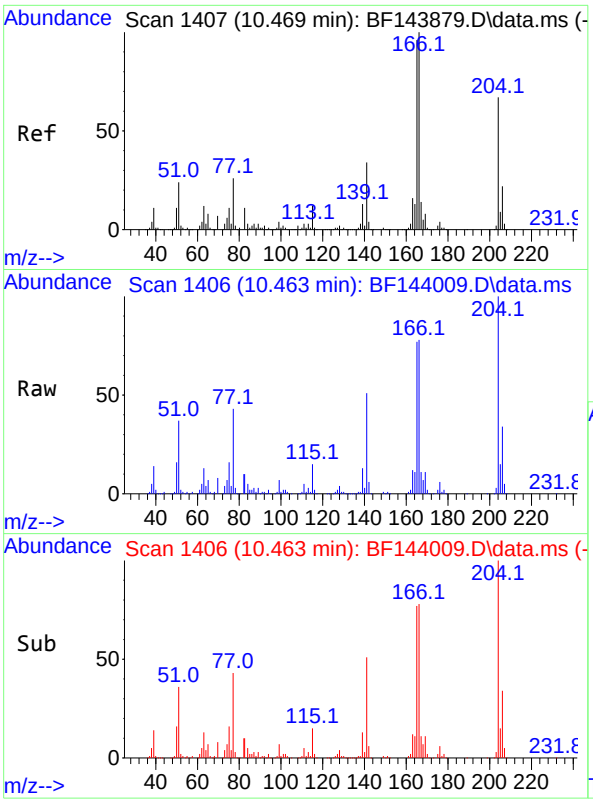


#60
Diethylphthalate
Concen: 38.20 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Tgt Ion:149 Resp: 593454

Ion	Ratio	Lower	Upper
149	100		
177	23.6	17.9	26.9
150	11.7	9.8	14.8



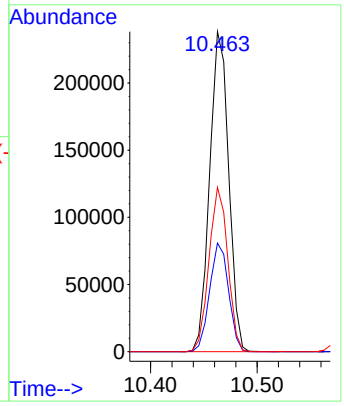


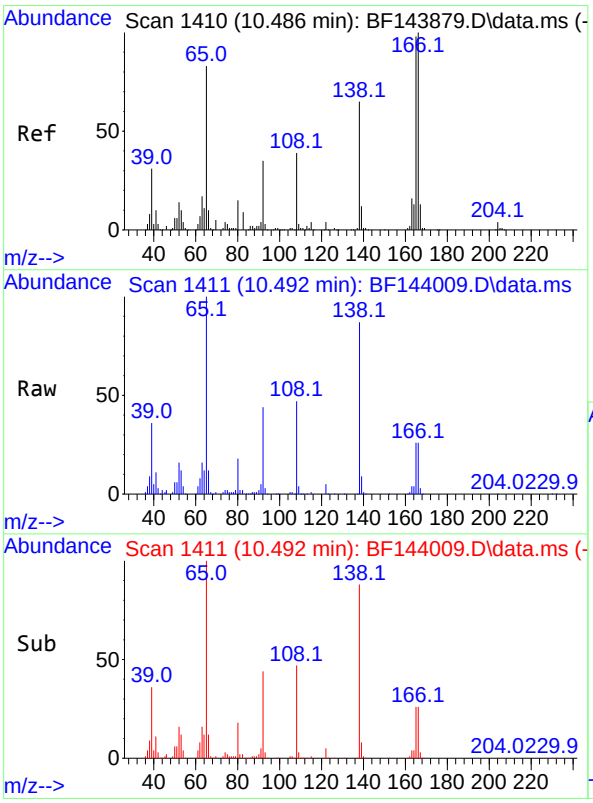
#61
4-Chlorophenyl-phenylether
Concen: 39.20 ng
RT: 10.463 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 295638

Ion	Ratio	Lower	Upper
204	100		
206	34.0	26.6	40.0
141	51.3	40.4	60.6

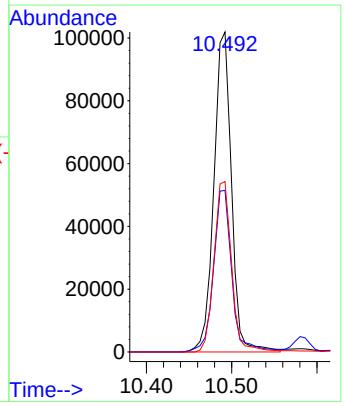


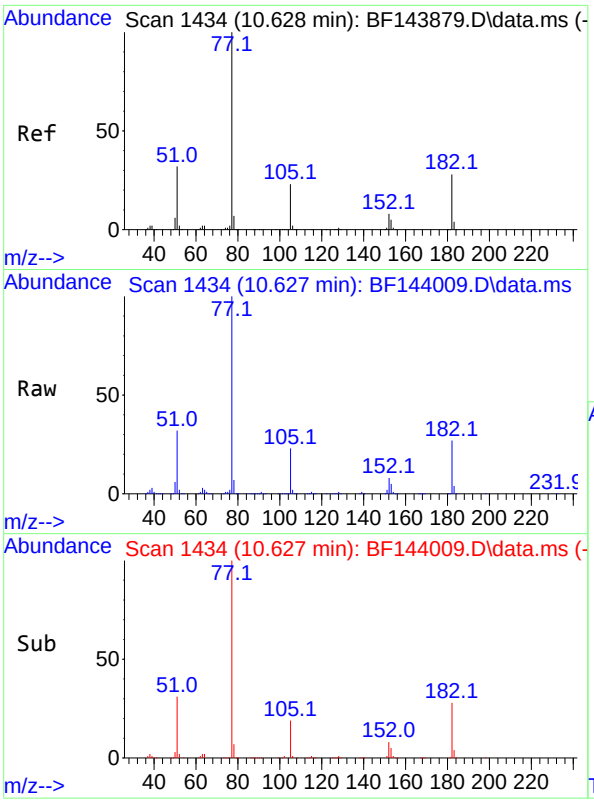


#62
4-Nitroaniline
Concen: 40.08 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.018 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Tgt Ion:138 Resp: 146339

Ion	Ratio	Lower	Upper
138	100		
92	50.5	33.9	73.9
108	53.3	40.2	80.2



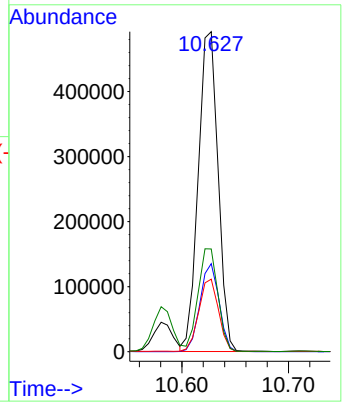


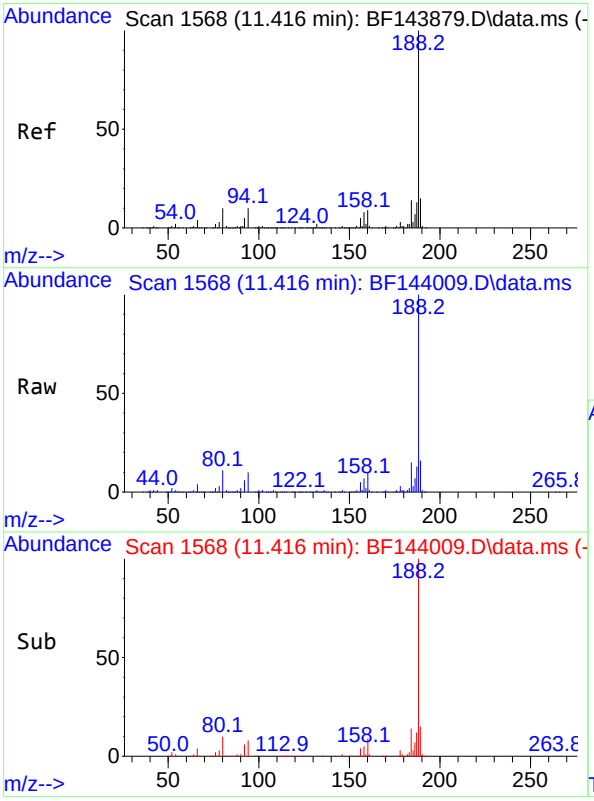
#63
Azobenzene
Concen: 39.26 ng
RT: 10.627 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 637557

Ion	Ratio	Lower	Upper
77	100		
182	27.5	7.3	47.3
105	22.7	3.0	43.0
51	32.1	13.5	53.5

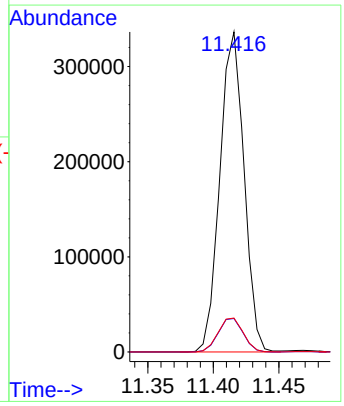


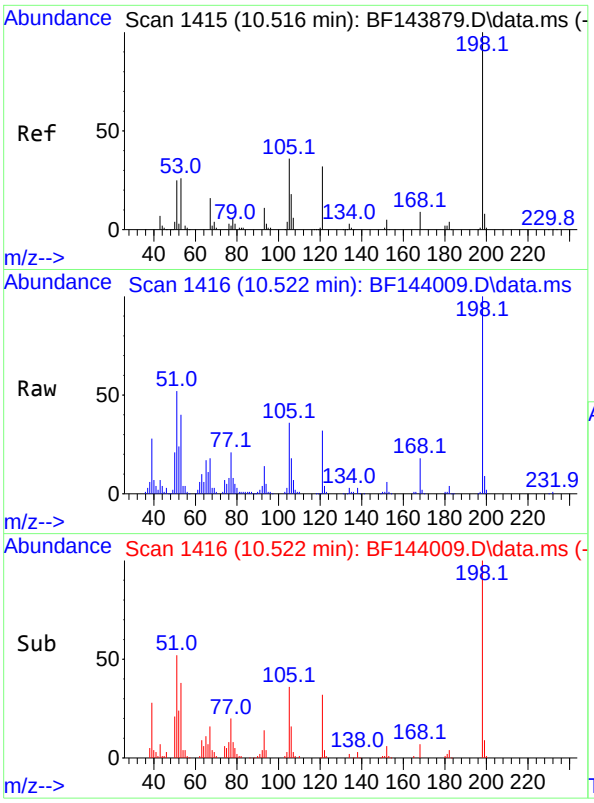


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Tgt Ion:188 Resp: 430811

Ion	Ratio	Lower	Upper
188	100		
94	10.5	7.8	11.6
80	10.6	7.9	11.9



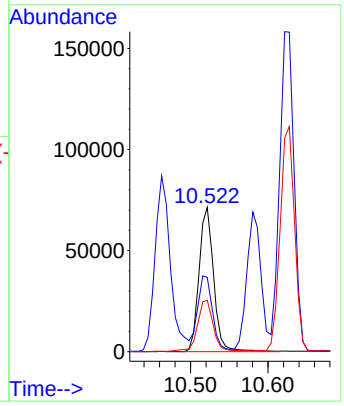


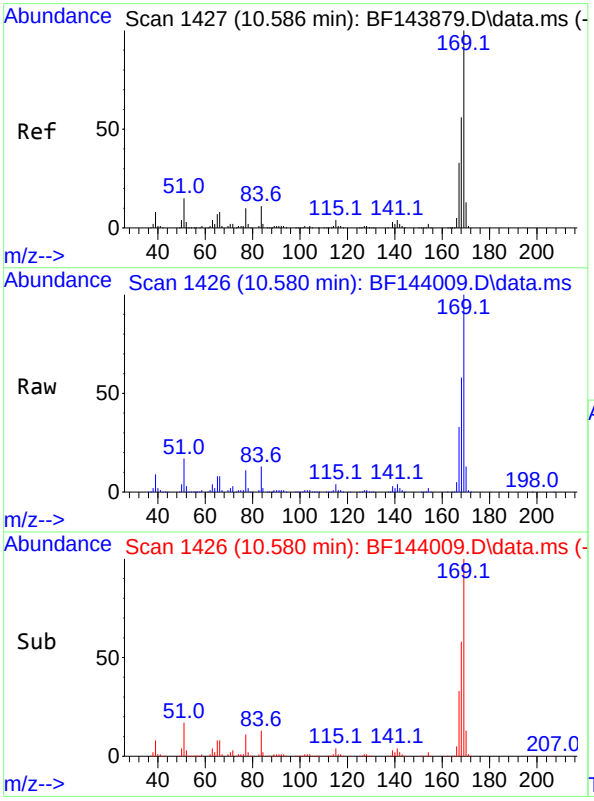
#65
4,6-Dinitro-2-methylphenol
Concen: 43.30 ng
RT: 10.522 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 93751

Ion	Ratio	Lower	Upper
198	100		
51	51.6	33.8	73.8
105	35.7	17.0	57.0

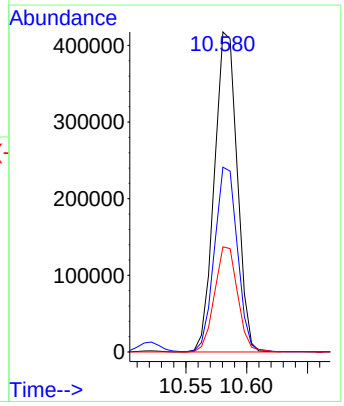


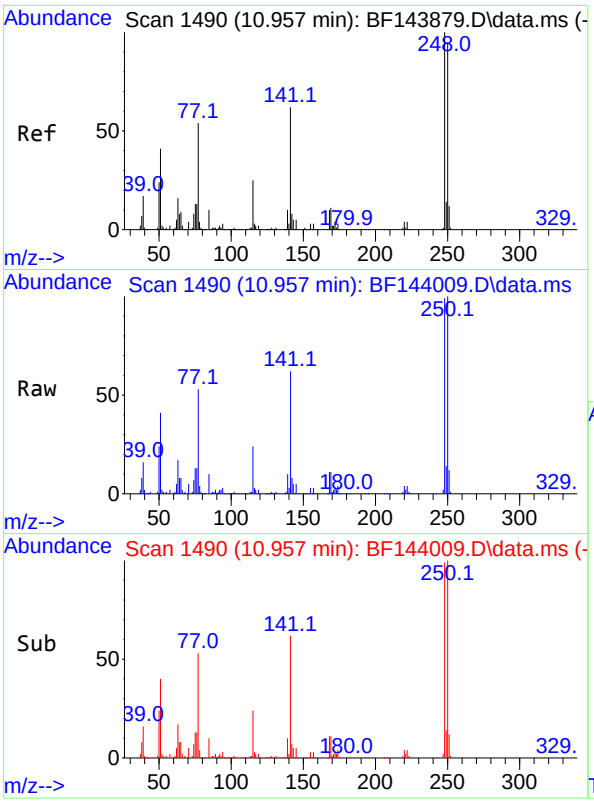


#66
n-Nitrosodiphenylamine
Concen: 40.25 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Tgt Ion:169 Resp: 544516

Ion	Ratio	Lower	Upper
169	100		
168	57.8	44.9	67.3
167	32.9	26.3	39.5



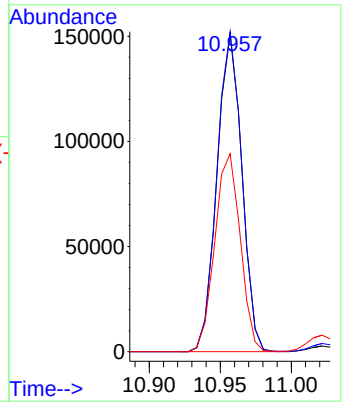


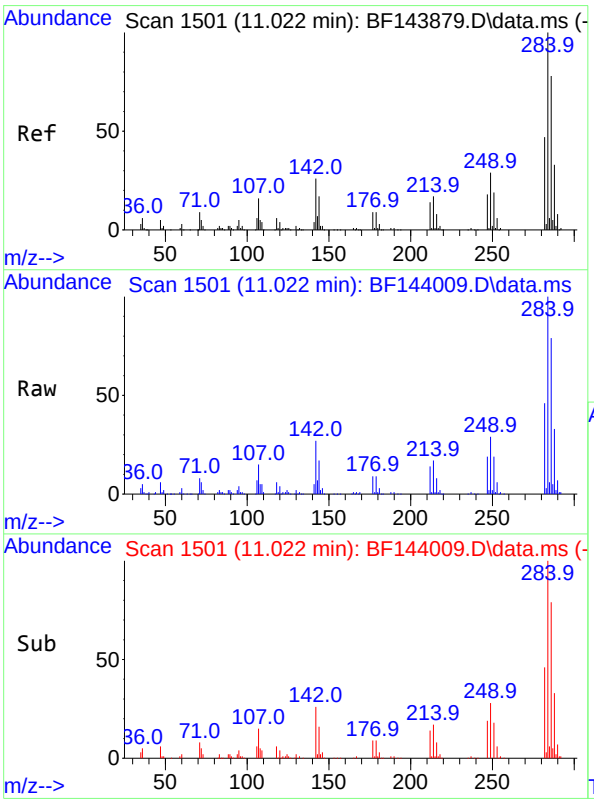
#67
4-Bromophenyl-phenylether
Concen: 38.56 ng
RT: 10.957 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 183591

Ion	Ratio	Lower	Upper
248	100		
250	100.8	76.3	114.5
141	62.4	49.7	74.5

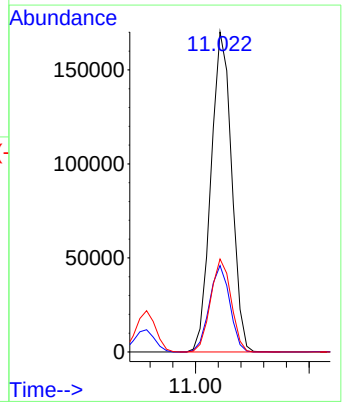


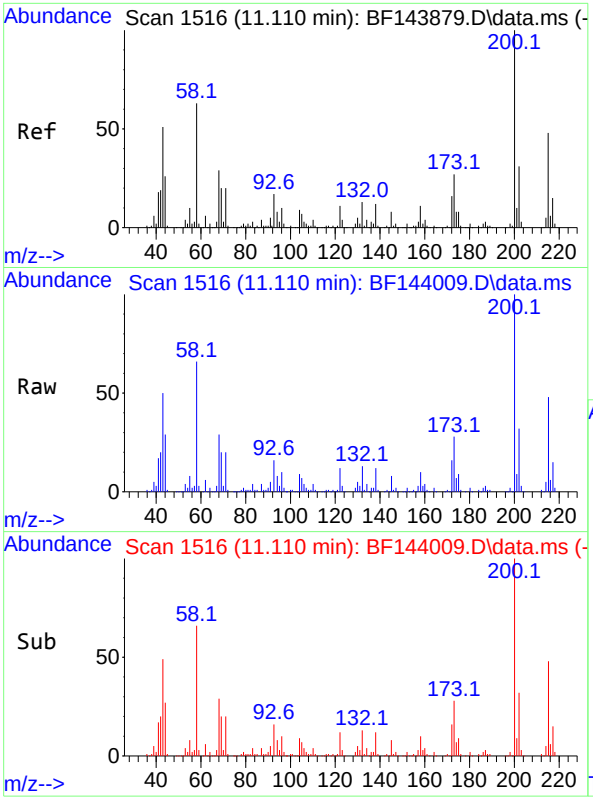


#68
Hexachlorobenzene
Concen: 38.98 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Tgt Ion:284 Resp: 214871

Ion	Ratio	Lower	Upper
284	100		
142	27.0	20.6	30.8
249	29.1	23.2	34.8



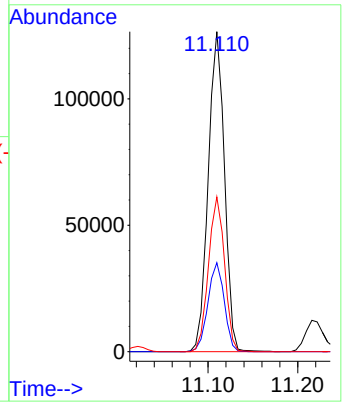


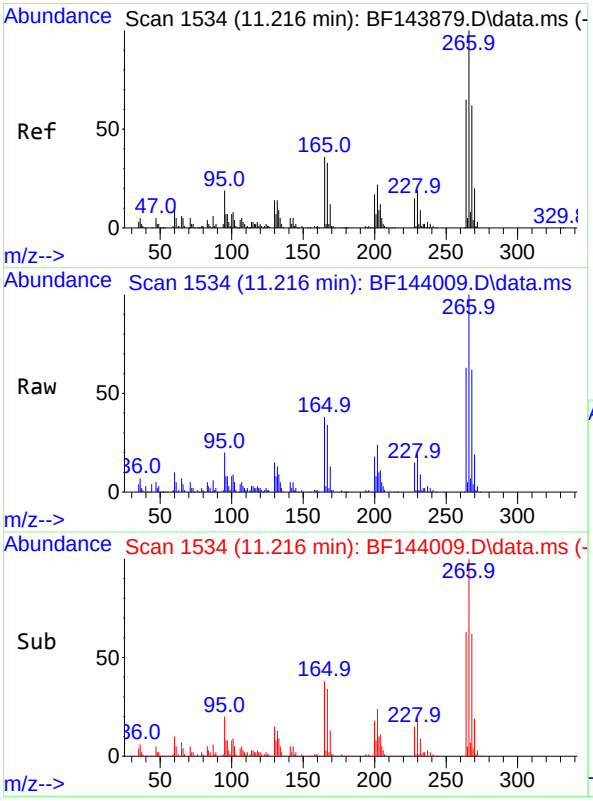
#69
Atrazine
Concen: 38.71 ng
RT: 11.110 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 158713

Ion	Ratio	Lower	Upper
200	100		
173	27.8	7.0	47.0
215	48.3	27.8	67.8

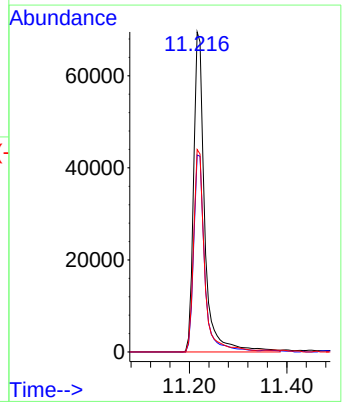


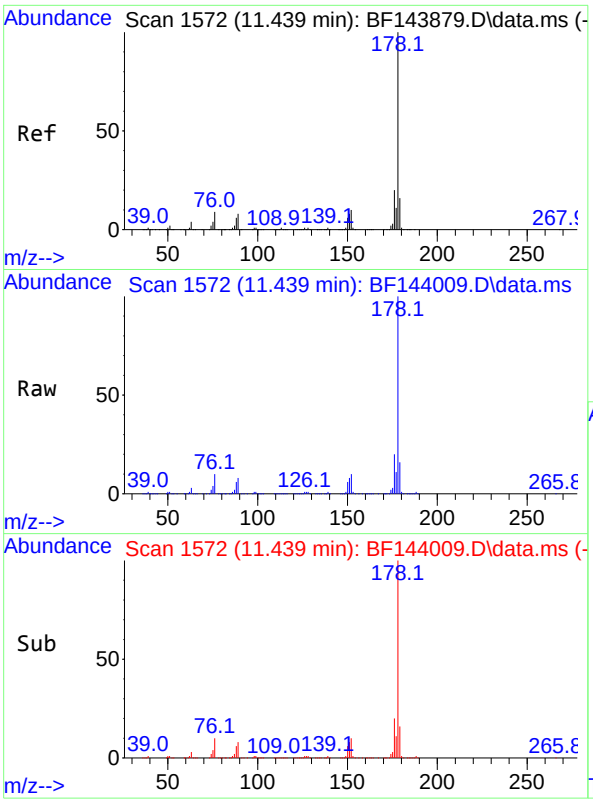


#70
Pentachlorophenol
Concen: 35.01 ng
RT: 11.216 min Scan# 1534
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Tgt Ion:266 Resp: 110842

Ion	Ratio	Lower	Upper
266	100		
268	61.6	49.4	74.0
264	63.3	51.8	77.6



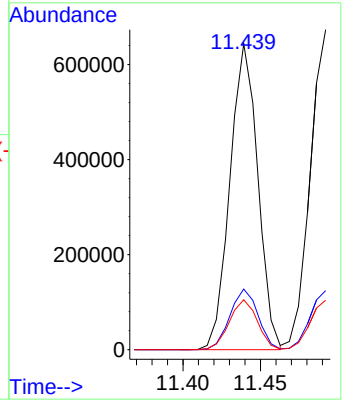


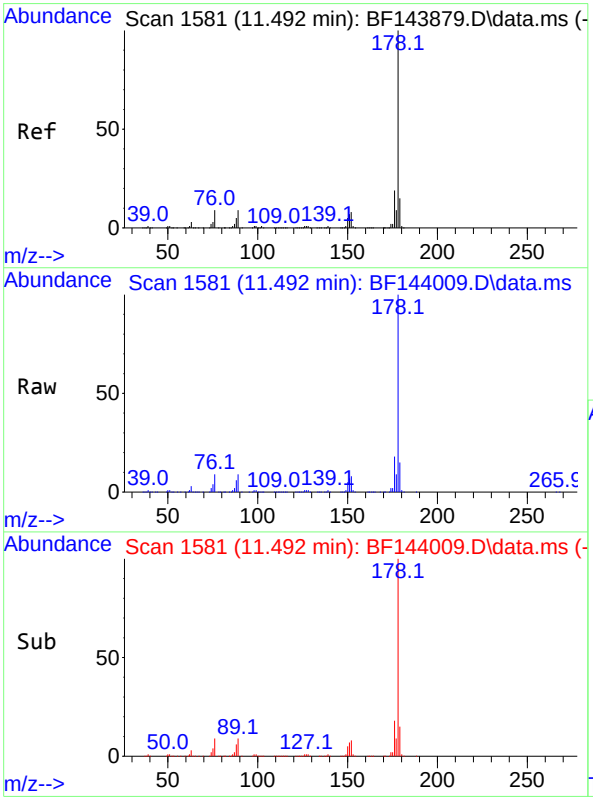
#71
Phenanthrene
Concen: 38.50 ng
RT: 11.439 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 804054

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.9	23.9
179	16.3	12.4	18.6

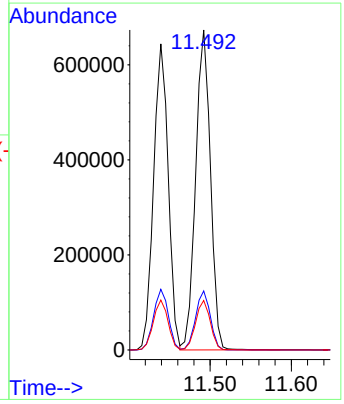


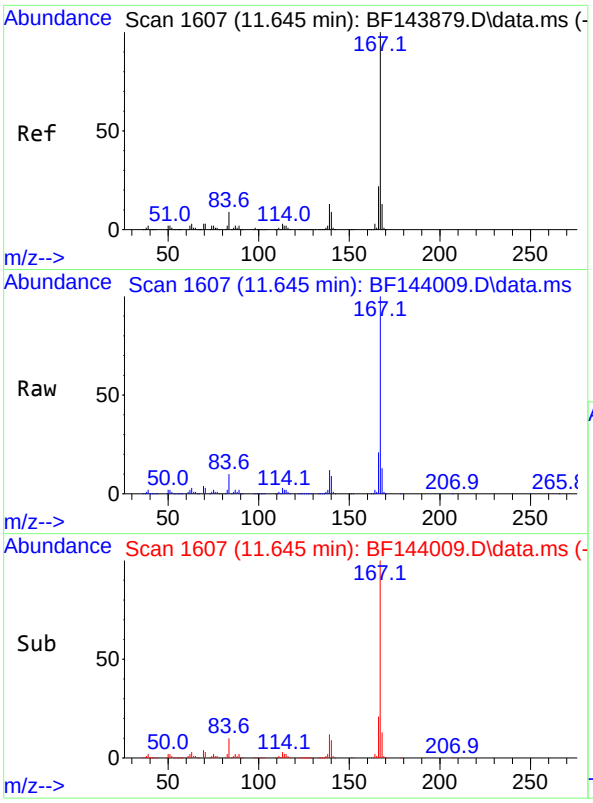


#72
Anthracene
Concen: 40.32 ng
RT: 11.492 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Tgt Ion:178 Resp: 850834

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.9	22.3
179	15.4	12.2	18.2



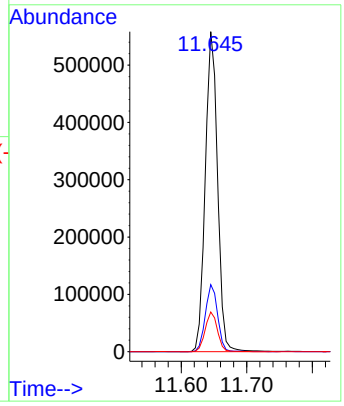


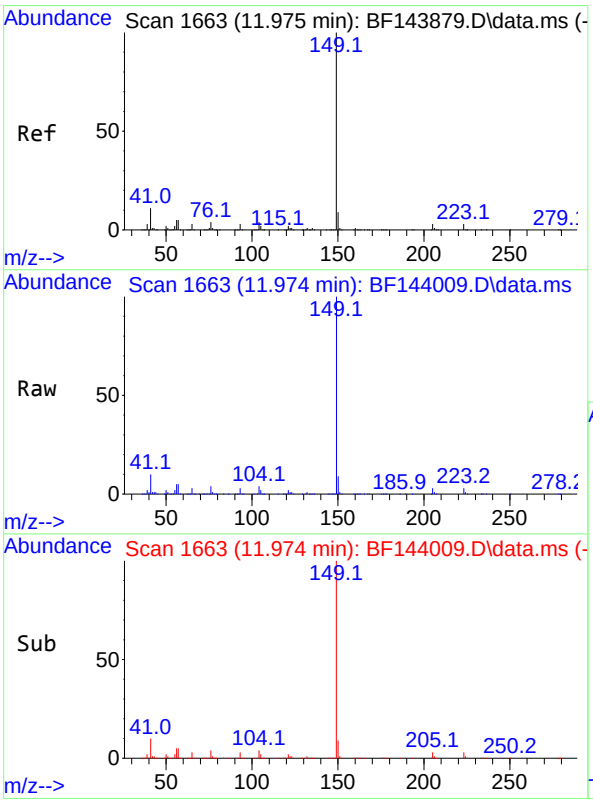
#73
Carbazole
Concen: 38.98 ng
RT: 11.645 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 728491

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.2	25.8
139	12.4	10.1	15.1

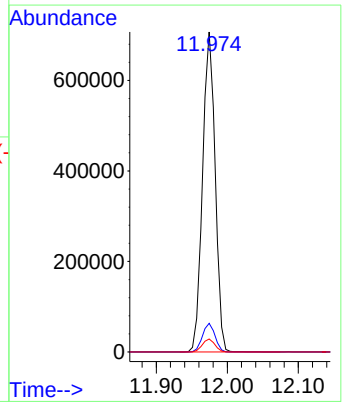


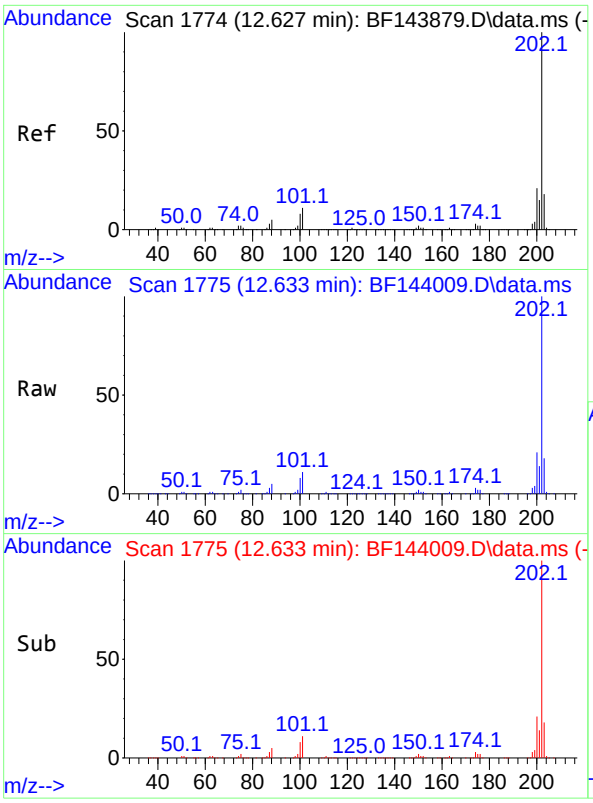


#74
Di-n-butylphthalate
Concen: 40.33 ng
RT: 11.974 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Tgt Ion:149 Resp: 873478

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.2
104	4.0	3.4	5.2



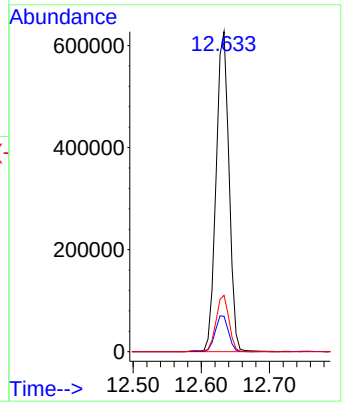


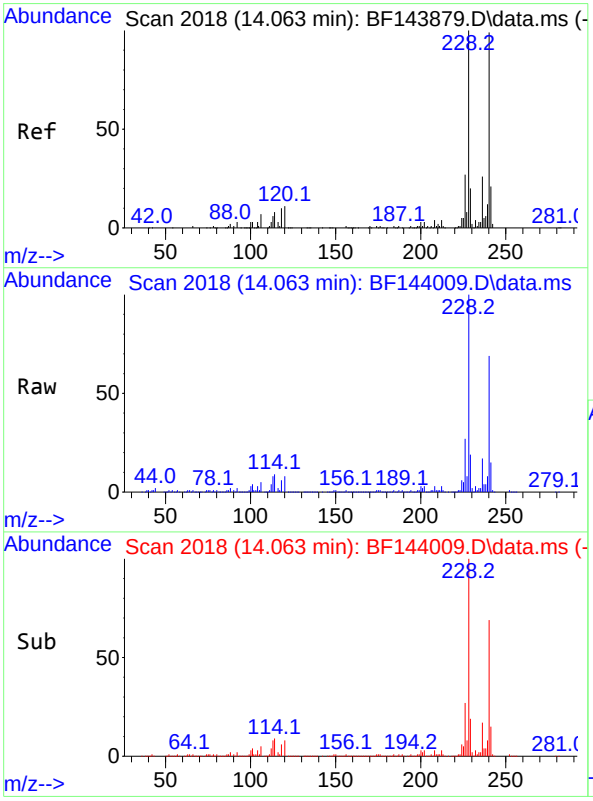
#75
Fluoranthene
Concen: 38.34 ng
RT: 12.633 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 827067

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	30.7
203	17.6	0.0	37.8

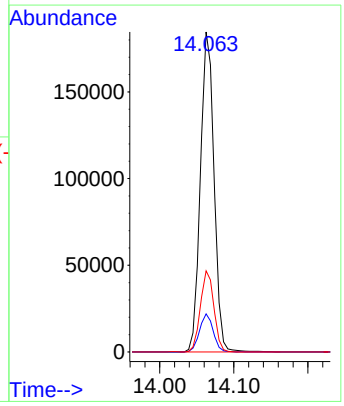


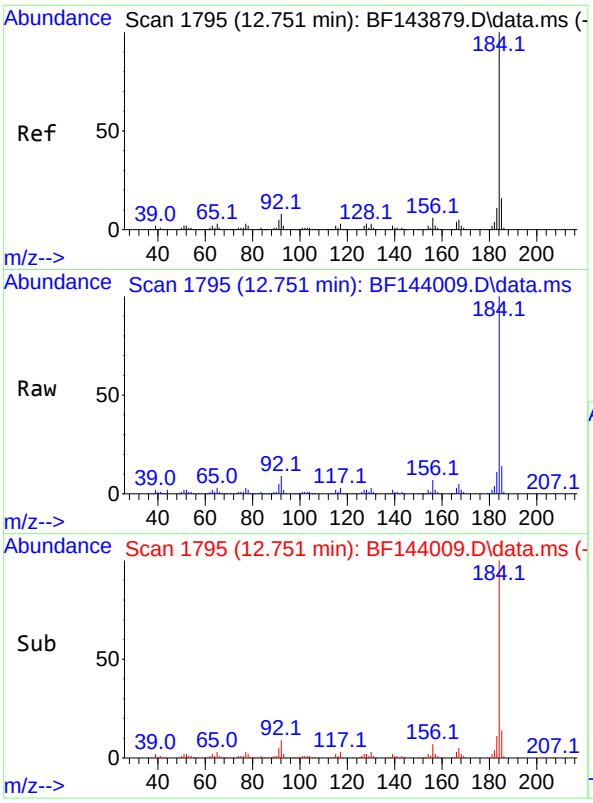


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.005 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Tgt Ion:240 Resp: 235758

Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.6	13.0
236	25.4	21.1	31.7



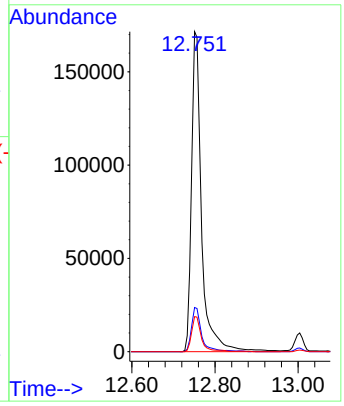


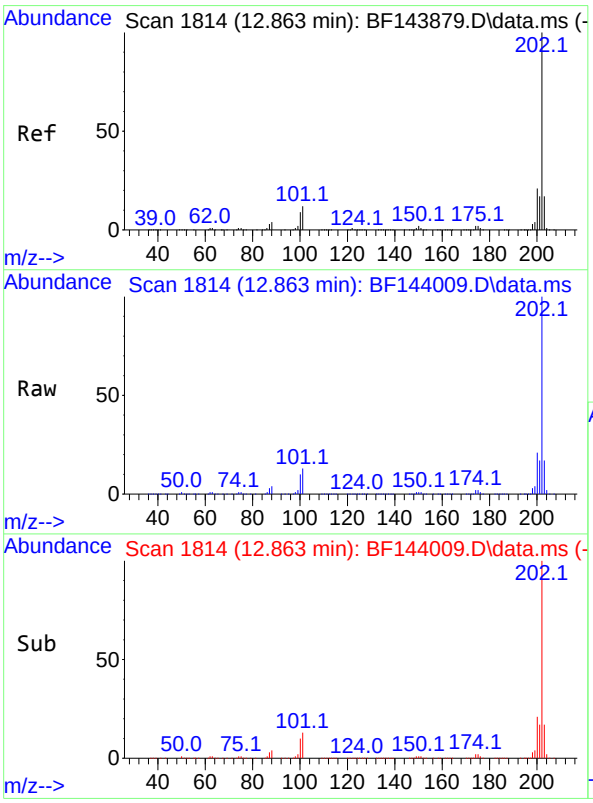
#77
Benzidine
Concen: 35.21 ng
RT: 12.751 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 288239

Ion	Ratio	Lower	Upper
184	100		
185	13.8	12.6	18.8
183	11.0	8.8	13.2

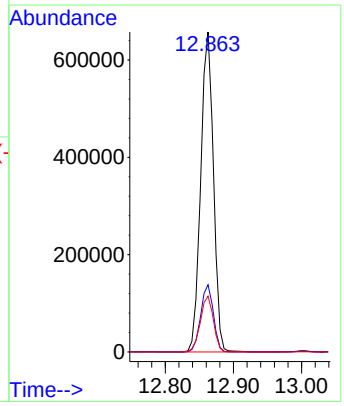


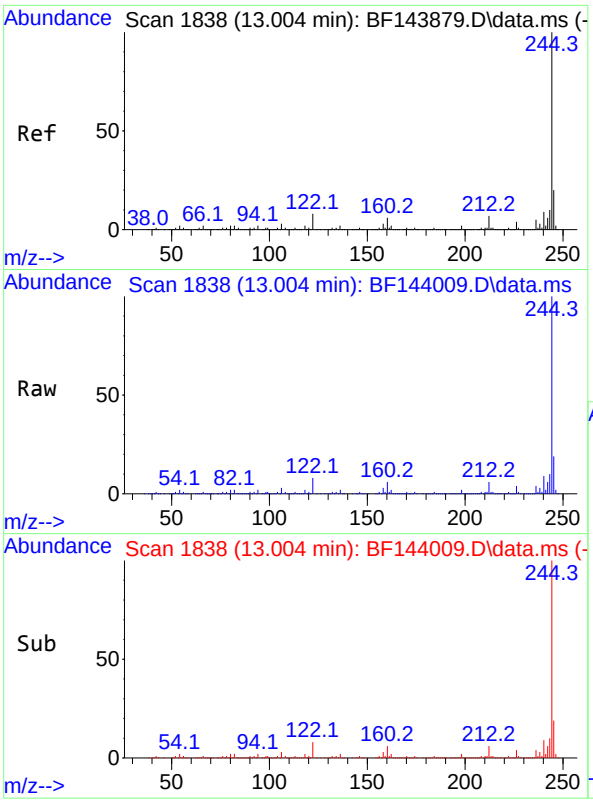


#78
Pyrene
Concen: 43.29 ng
RT: 12.863 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Tgt Ion:202 Resp: 850887

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.6
203	17.5	13.8	20.6



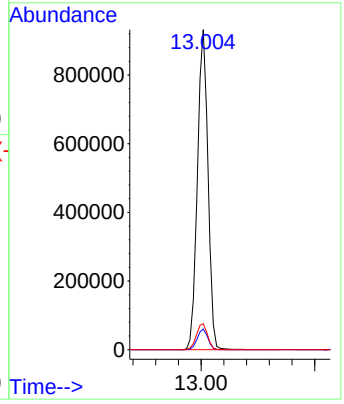


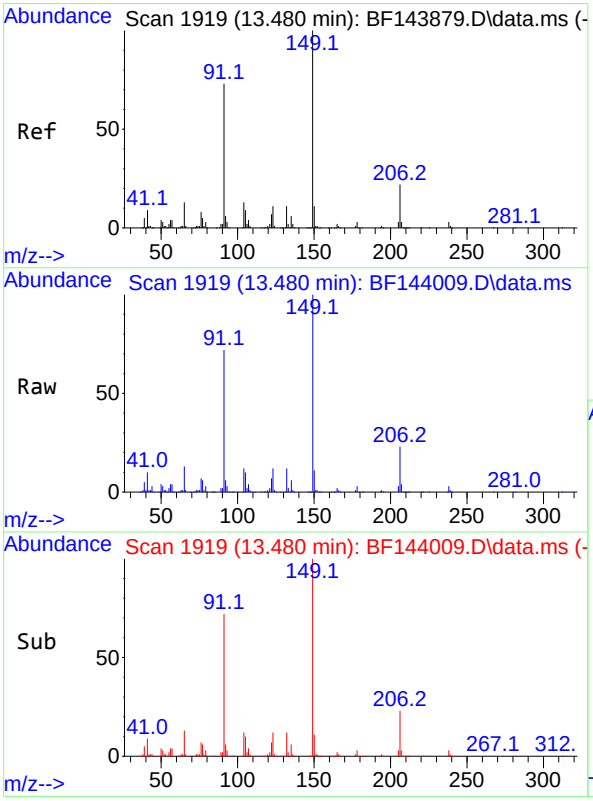
#79
Terphenyl-d14
Concen: 87.63 ng
RT: 13.004 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 1208859

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	8.1	6.4	9.6

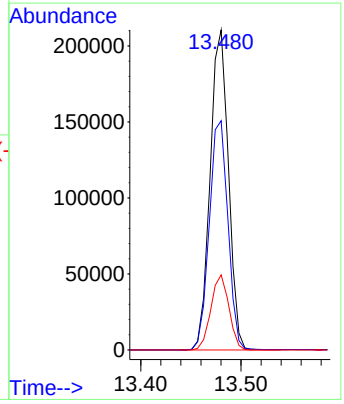


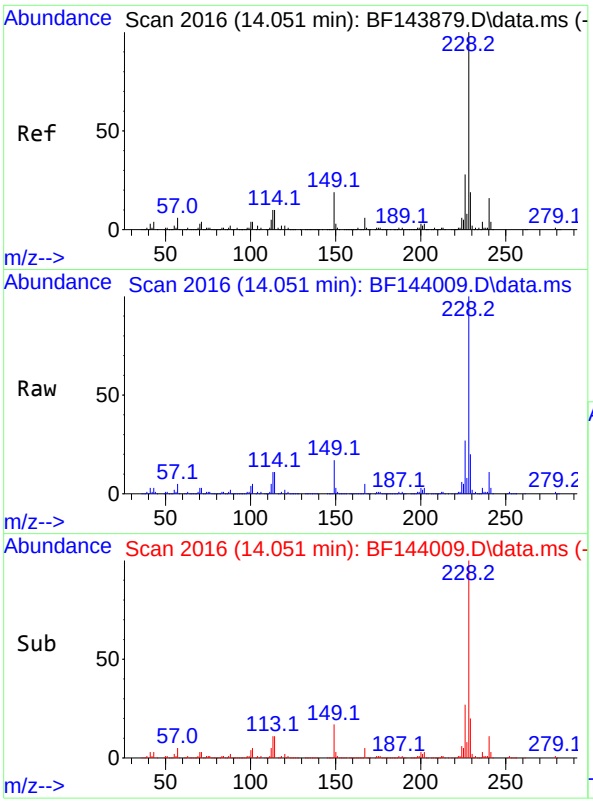


#80
Butylbenzylphthalate
Concen: 41.89 ng
RT: 13.480 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Tgt Ion:149 Resp: 267401

Ion	Ratio	Lower	Upper
149	100		
91	71.6	58.2	87.2
206	23.4	17.9	26.9



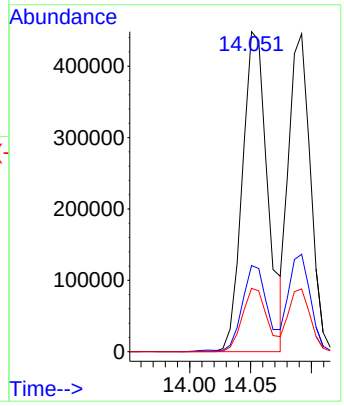


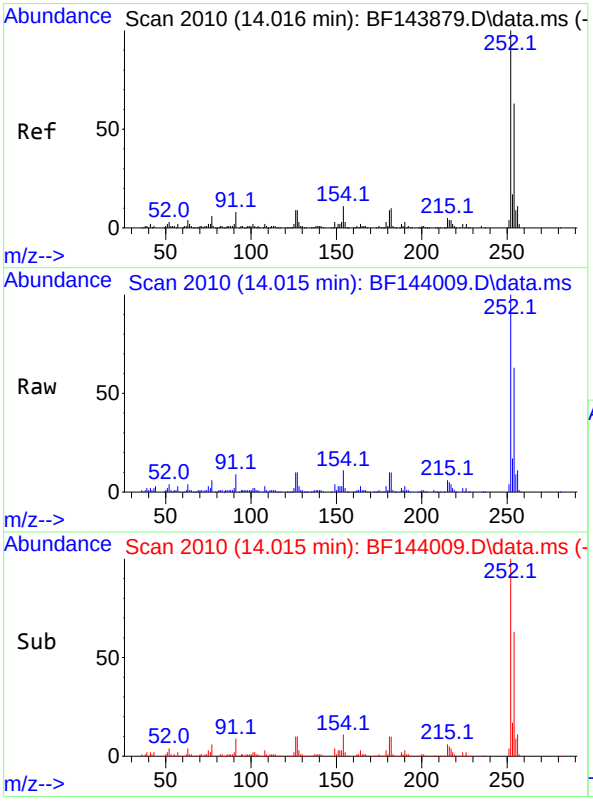
#81
Benzo(a)anthracene
Concen: 41.93 ng
RT: 14.051 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 646917

Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.2	33.2
229	19.8	15.6	23.4

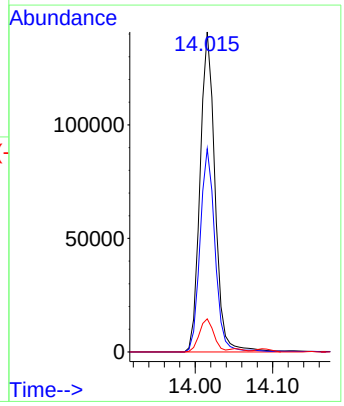


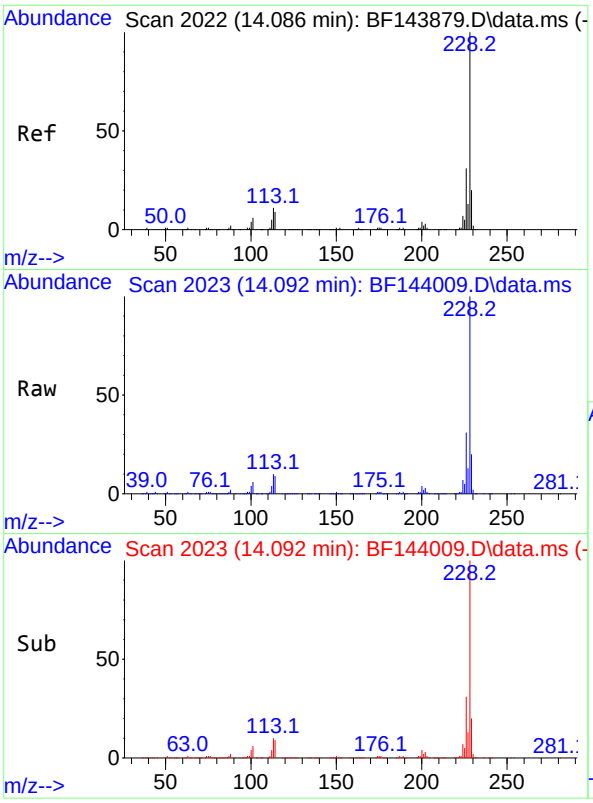


#82
3,3'-Dichlorobenzidine
Concen: 40.15 ng
RT: 14.015 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Tgt Ion:252 Resp: 188768

Ion	Ratio	Lower	Upper
252	100		
254	63.5	50.6	76.0
126	10.4	7.0	10.6



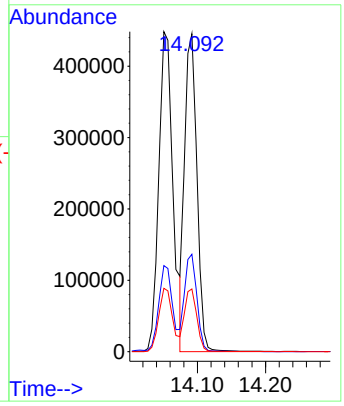


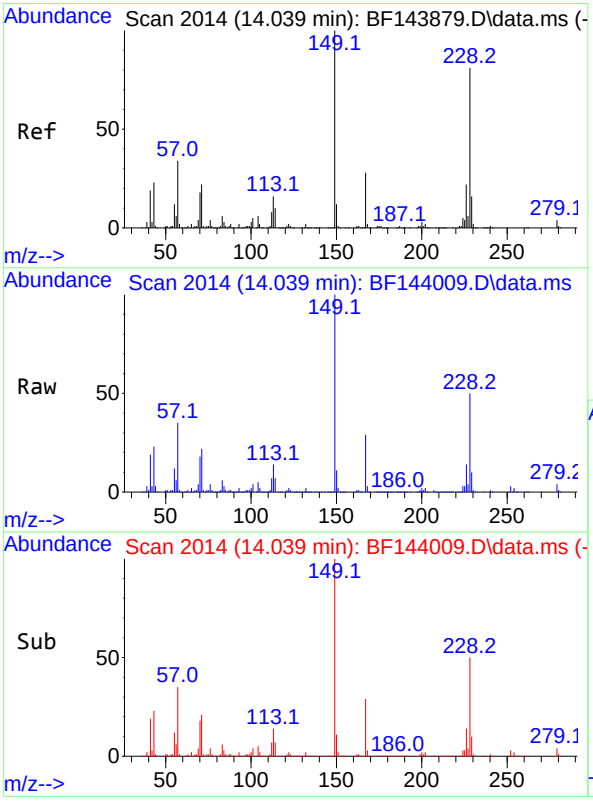
#83
Chrysene
Concen: 38.69 ng
RT: 14.092 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 552423

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.4	36.6
229	19.8	15.9	23.9

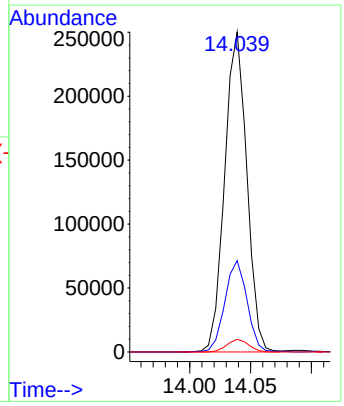


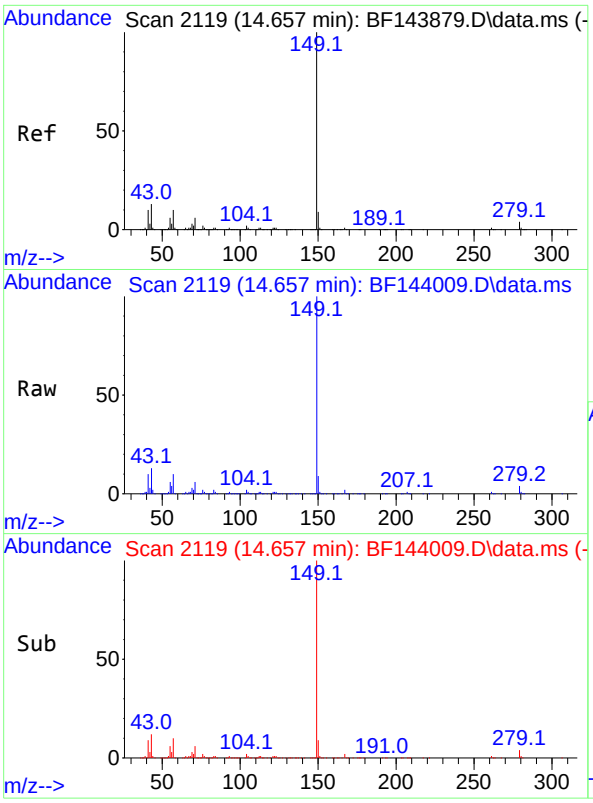


#84
Bis(2-ethylhexyl)phthalate
Concen: 41.13 ng
RT: 14.039 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Tgt Ion:149 Resp: 316468

Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.2	33.4
279	4.0	3.1	4.7



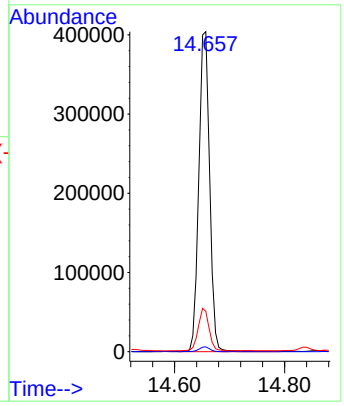


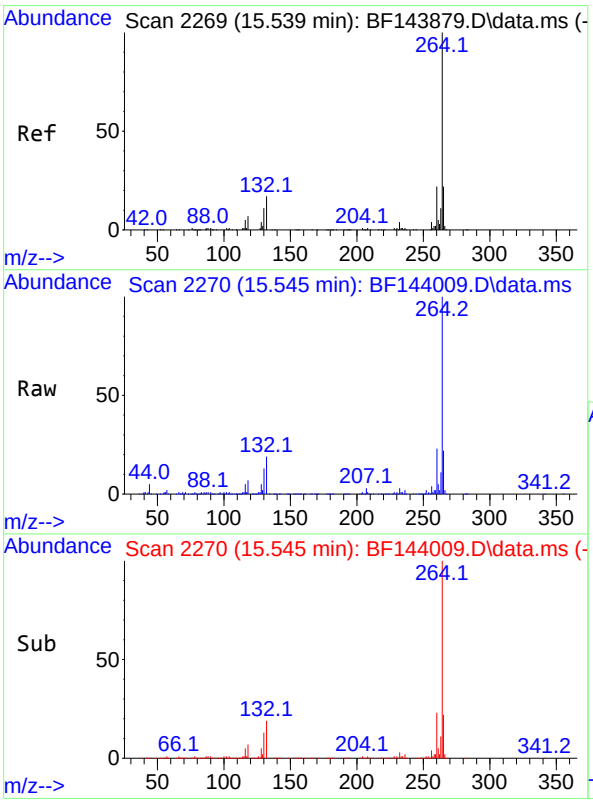
#85
Di-n-octyl phthalate
Concen: 43.84 ng
RT: 14.657 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 554105

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	13.3	11.0	16.4

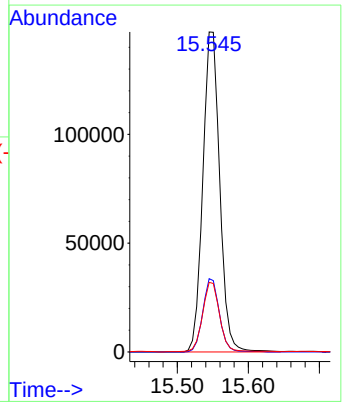


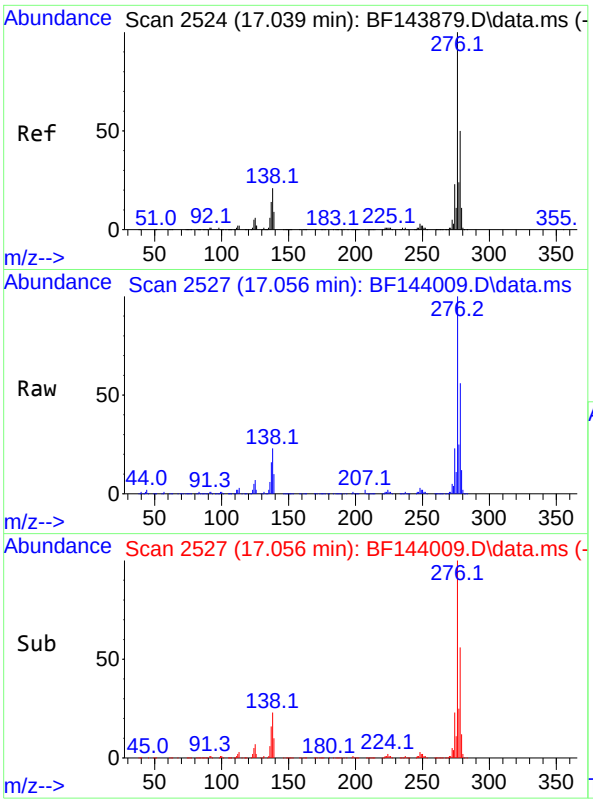


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Tgt Ion:264 Resp: 243917

Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.8	26.8
265	21.8	17.5	26.3



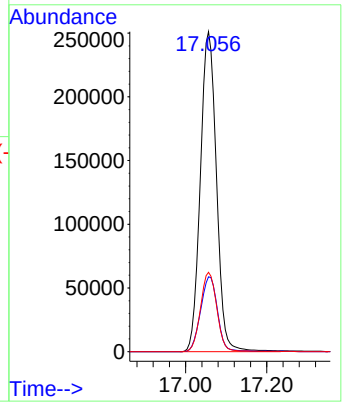


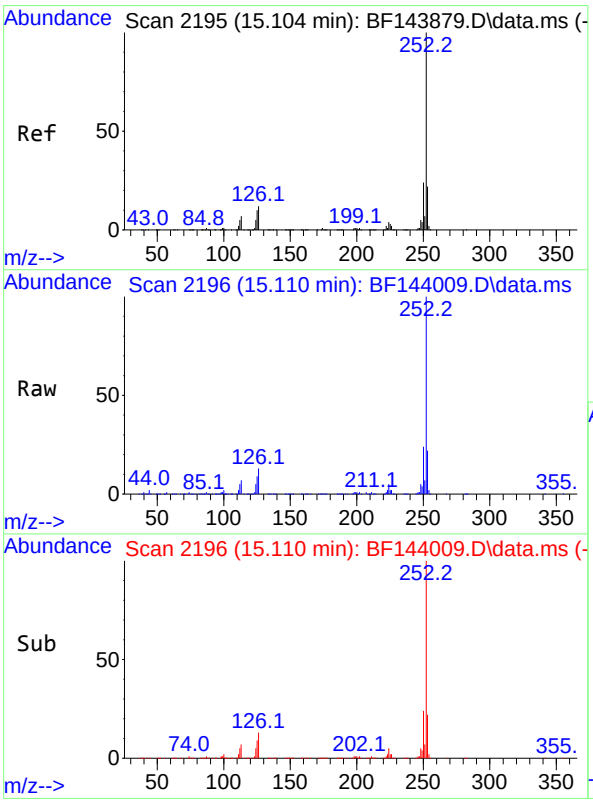
#87
Indeno(1,2,3-cd)pyrene
Concen: 46.35 ng
RT: 17.056 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 692814

Ion	Ratio	Lower	Upper
276	100		
138	24.5	18.2	27.2
277	25.1	19.8	29.6

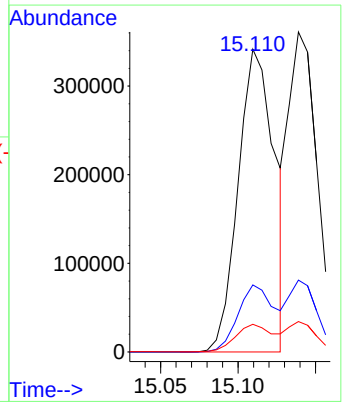


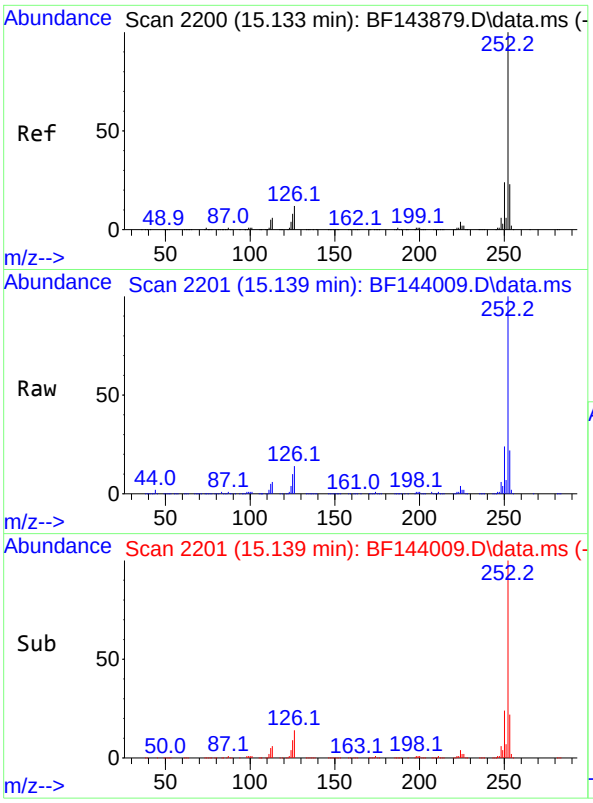


#88
Benzo(b)fluoranthene
Concen: 39.83 ng
RT: 15.110 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Tgt Ion:252 Resp: 558030

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	9.1	7.8	11.6



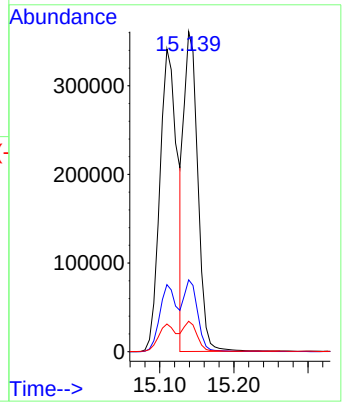


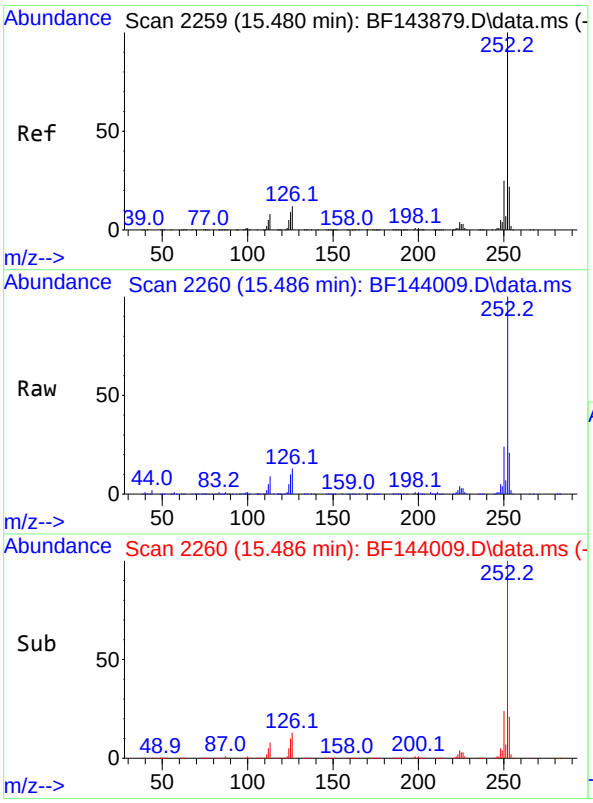
#89
Benzo(k)fluoranthene
Concen: 36.42 ng
RT: 15.139 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 472182

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	9.5	7.4	11.2

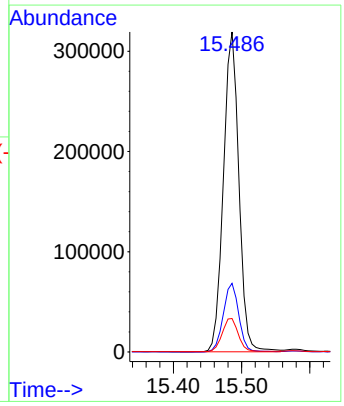


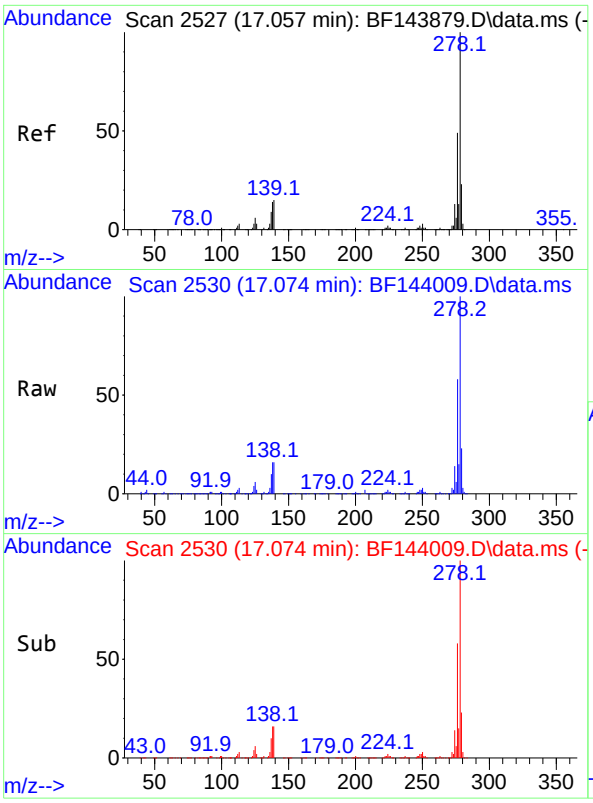


#90
Benzo(a)pyrene
Concen: 41.46 ng
RT: 15.486 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Tgt Ion:252 Resp: 503690

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.3	25.9
125	10.4	7.0	10.4#



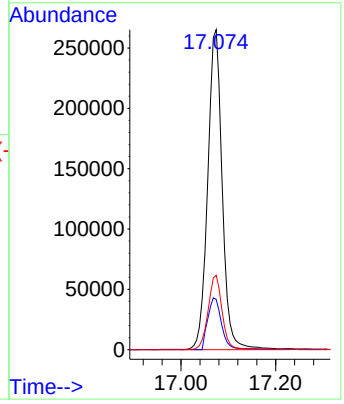


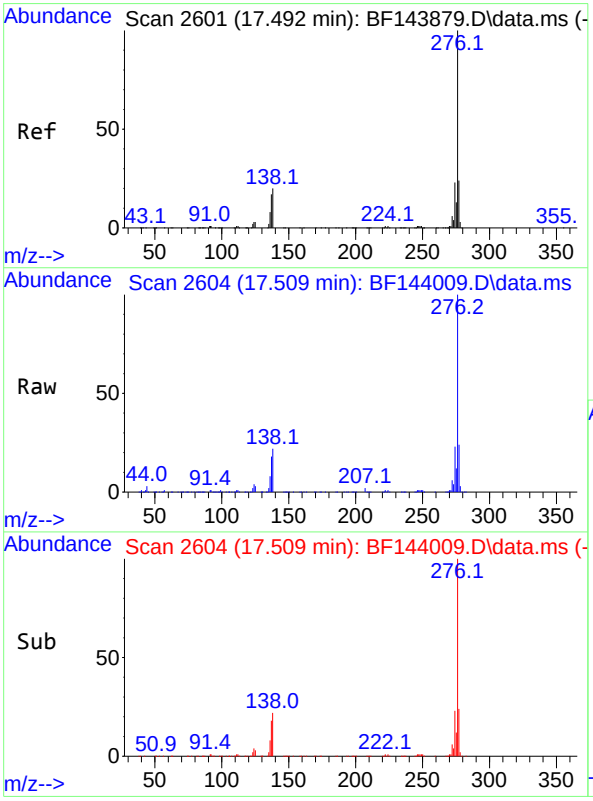
#91
Dibenzo(a,h)anthracene
Concen: 46.96 ng
RT: 17.074 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 564523

Ion	Ratio	Lower	Upper
278	100		
139	15.7	11.7	17.5
279	23.3	18.4	27.6

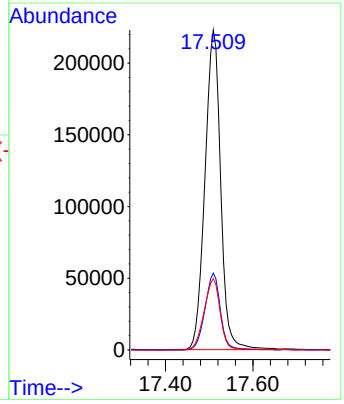




#92
Benzo(g,h,i)perylene
Concen: 46.37 ng
RT: 17.509 min Scan# 2604
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Tgt Ion:276 Resp: 557435

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.0	28.6
138	22.3	16.1	24.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144009.D
Acq On : 21 Oct 2025 13:29
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Oct 21 13:57:29 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

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	102	0.00
2		1,4-Dioxane	0.583	0.600	-2.9	101	0.00
3		Pyridine	1.697	1.707	-0.6	98	-0.01
4		n-Nitrosodimethylamine	0.893	0.844	5.5	95	-0.03
5	S	2-Fluorophenol	1.259	1.299	-3.2	102	0.00
6		Aniline	2.250	2.216	1.5	97	0.00
7	S	Phenol-d6	1.501	1.494	0.5	99	0.00
8		2-Chlorophenol	1.231	1.267	-2.9	100	0.00
9		Benzaldehyde	1.158	1.203	-3.9	93	0.00
10	C	Phenol	1.795	1.901	-5.9	106	-0.01
11		bis(2-Chloroethyl)ether	1.386	1.376	0.7	97	-0.01
12		1,3-Dichlorobenzene	1.474	1.463	0.7	99	0.00
13	C	1,4-Dichlorobenzene	1.454	1.433	1.4	98	0.00
14		1,2-Dichlorobenzene	1.392	1.411	-1.4	101	0.00
15		Benzyl Alcohol	1.125	1.121	0.4	98	-0.01
16		2,2'-oxybis(1-Chloropropane	3.156	3.225	-2.2	102	0.00
17		2-Methylphenol	1.017	1.009	0.8	98	0.00
18		Hexachloroethane	0.485	0.486	-0.2	99	0.00
19	P	n-Nitroso-di-n-propylamine	1.028	0.983	4.4	98	-0.02
20		3+4-Methylphenols	1.179	1.177	0.2	95	-0.01
21	I	Naphthalene-d8	1.000	1.000	0.0	101	0.00
22		Acetophenone	0.423	0.409	3.3	95	-0.01
23	S	Nitrobenzene-d5	0.329	0.341	-3.6	100	-0.01
24		Nitrobenzene	0.366	0.382	-4.4	98	-0.01
25		Isophorone	0.694	0.664	4.3	95	-0.02
26	C	2-Nitrophenol	0.157	0.182	-15.9	105	0.00
27		2,4-Dimethylphenol	0.282	0.290	-2.8	99	0.00
28		bis(2-Chloroethoxy)methane	0.438	0.433	1.1	98	-0.01
29	C	2,4-Dichlorophenol	0.294	0.295	-0.3	97	0.00
30		1,2,4-Trichlorobenzene	0.289	0.288	0.3	97	0.00
31		Naphthalene	0.910	0.902	0.9	98	0.00
32		Benzoic acid	0.195	0.183	6.2	92	-0.04
33		4-Chloroaniline	0.341	0.341	0.0	97	0.00
34	C	Hexachlorobutadiene	0.201	0.197	2.0	96	0.00
35		Caprolactam	0.093	0.095	-2.2	100	-0.04
36	C	4-Chloro-3-methylphenol	0.282	0.281	0.4	98	0.00
37		2-Methylnaphthalene	0.606	0.599	1.2	98	0.00
38		1-Methylnaphthalene	0.588	0.573	2.6	95	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	101	0.00
40		1,2,4,5-Tetrachlorobenzene	0.553	0.559	-1.1	96	0.00
41	P	Hexachlorocyclopentadiene	0.229	0.224	2.2	88	0.00
42	S	2,4,6-Tribromophenol	0.199	0.191	4.0	93	0.00
43	C	2,4,6-Trichlorophenol	0.404	0.394	2.5	90	0.00
44		2,4,5-Trichlorophenol	0.427	0.432	-1.2	96	0.00
45	S	2-Fluorobiphenyl	1.260	1.174	6.8	97	-0.01
46		1,1'-Biphenyl	1.324	1.283	3.1	95	0.00
47		2-Chloronaphthalene	1.104	1.099	0.5	98	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144009.D
Acq On : 21 Oct 2025 13:29
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Oct 21 13:57:29 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

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	0.349	0.372	-6.6	96	0.00
49		Acenaphthylene	1.552	1.531	1.4	96	0.00
50		Dimethylphthalate	1.270	1.246	1.9	98	0.00
51		2,6-Dinitrotoluene	0.236	0.265	-12.3	102	-0.01
52	C	Acenaphthene	1.017	0.980	3.6	94	0.00
53		3-Nitroaniline	0.288	0.299	-3.8	99	-0.01
54	P	2,4-Dinitrophenol	0.118	0.105	11.0	89	0.00
55		Dibenzofuran	1.436	1.413	1.6	96	0.00
56	P	4-Nitrophenol	0.218	0.197	9.6	85	0.00
57		2,4-Dinitrotoluene	0.320	0.350	-9.4	97	0.00
58		Fluorene	1.083	1.052	2.9	97	0.00
59		2,3,4,6-Tetrachlorophenol	0.302	0.299	1.0	93	0.00
60		Diethylphthalate	1.180	1.127	4.5	93	0.00
61		4-Chlorophenyl-phenylether	0.573	0.561	2.1	95	0.00
62		4-Nitroaniline	0.277	0.278	-0.4	96	-0.02
63		Azobenzene	1.233	1.211	1.8	96	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	97	0.00
65		4,6-Dinitro-2-methylphenol	0.101	0.109	-7.9	95	-0.01
66	c	n-Nitrosodiphenylamine	0.628	0.632	-0.6	93	-0.01
67		4-Bromophenyl-phenylether	0.221	0.213	3.6	89	0.00
68		Hexachlorobenzene	0.256	0.249	2.7	91	0.00
69		Atrazine	0.190	0.184	3.2	92	-0.01
70	C	Pentachlorophenol	0.147	0.129	12.2	79	0.00
71		Phenanthrene	0.970	0.933	3.8	93	0.00
72		Anthracene	0.980	0.987	-0.7	93	0.00
73		Carbazole	0.868	0.845	2.6	93	0.00
74		Di-n-butylphthalate	1.005	1.014	-0.9	93	0.00
75	C	Fluoranthene	1.002	0.960	4.2	90	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	93	0.00
77		Benzidine	0.694	0.611	12.0	74	0.00
78		Pyrene	1.667	1.805	-8.3	90	0.00
79	S	Terphenyl-d14	1.170	1.282	-9.6	93	0.00
80		Butylbenzylphthalate	0.542	0.567	-4.6	85	0.00
81		Benzo(a)anthracene	1.309	1.372	-4.8	91	0.00
82		3,3'-Dichlorobenzidine	0.399	0.400	-0.3	84	0.00
83		Chrysene	1.211	1.172	3.2	84	0.00
84		Bis(2-ethylhexyl)phthalate	0.653	0.671	-2.8	84	0.00
85	c	Di-n-octyl phthalate	1.072	1.175	-9.6	91	0.00
86	I	Perylene-d12	1.000	1.000	0.0	97	0.00
87		Indeno(1,2,3-cd)pyrene	1.225	1.420	-15.9	99	0.00
88		Benzo(b)fluoranthene	1.149	1.144	0.4	88	0.00
89		Benzo(k)fluoranthene	1.063	0.968	8.9	85	0.00
90	C	Benzo(a)pyrene	0.996	1.033	-3.7	91	0.00
91		Dibenzo(a,h)anthracene	0.986	1.157	-17.3	100	0.00
92		Benzo(g,h,i)perylene	0.986	1.143	-15.9	99	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144009.D
Acq On : 21 Oct 2025 13:29
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Oct 21 13:57:29 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

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_F\Data\BF102125\
Data File : BF144009.D
Acq On : 21 Oct 2025 13:29
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Oct 21 13:57:29 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

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	102	0.00
2		1,4-Dioxane	40.000	41.185	-3.0	101	0.00
3		Pyridine	40.000	40.239	-0.6	98	-0.01
4		n-Nitrosodimethylamine	40.000	37.810	5.5	95	-0.03
5	S	2-Fluorophenol	80.000	82.536	-3.2	102	0.00
6		Aniline	40.000	39.405	1.5	97	0.00
7	S	Phenol-d6	80.000	79.601	0.5	99	0.00
8		2-Chlorophenol	40.000	41.153	-2.9	100	0.00
9		Benzaldehyde	40.000	41.553	-3.9	93	0.00
10	C	Phenol	40.000	42.370	-5.9	106	-0.01
11		bis(2-Chloroethyl)ether	40.000	39.703	0.7	97	-0.01
12		1,3-Dichlorobenzene	40.000	39.720	0.7	99	0.00
13	C	1,4-Dichlorobenzene	40.000	39.438	1.4	98	0.00
14		1,2-Dichlorobenzene	40.000	40.528	-1.3	101	0.00
15		Benzyl Alcohol	40.000	39.850	0.4	98	-0.01
16		2,2'-oxybis(1-Chloropropane	40.000	40.872	-2.2	102	0.00
17		2-Methylphenol	40.000	39.675	0.8	98	0.00
18		Hexachloroethane	40.000	40.126	-0.3	99	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	38.272	4.3	98	-0.02
20		3+4-Methylphenols	40.000	39.914	0.2	95	-0.01
21	I	Naphthalene-d8	20.000	20.000	0.0	101	0.00
22		Acetophenone	40.000	38.653	3.4	95	-0.01
23	S	Nitrobenzene-d5	80.000	82.879	-3.6	100	-0.01
24		Nitrobenzene	40.000	41.813	-4.5	98	-0.01
25		Isophorone	40.000	38.250	4.4	95	-0.02
26	C	2-Nitrophenol	40.000	46.340	-15.9	105	0.00
27		2,4-Dimethylphenol	40.000	41.193	-3.0	99	0.00
28		bis(2-Chloroethoxy)methane	40.000	39.532	1.2	98	-0.01
29	C	2,4-Dichlorophenol	40.000	40.123	-0.3	97	0.00
30		1,2,4-Trichlorobenzene	40.000	39.933	0.2	97	0.00
31		Naphthalene	40.000	39.667	0.8	98	0.00
32		Benzoic acid	40.000	37.569	6.1	92	-0.04
33		4-Chloroaniline	40.000	39.987	0.0	97	0.00
34	C	Hexachlorobutadiene	40.000	39.350	1.6	96	0.00
35		Caprolactam	40.000	40.569	-1.4	100	-0.04
36	C	4-Chloro-3-methylphenol	40.000	39.776	0.6	98	0.00
37		2-Methylnaphthalene	40.000	39.549	1.1	98	0.00
38		1-Methylnaphthalene	40.000	39.003	2.5	95	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	101	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	40.440	-1.1	96	0.00
41	P	Hexachlorocyclopentadiene	40.000	38.991	2.5	88	0.00
42	S	2,4,6-Tribromophenol	80.000	76.638	4.2	93	0.00
43	C	2,4,6-Trichlorophenol	40.000	39.063	2.3	90	0.00
44		2,4,5-Trichlorophenol	40.000	40.504	-1.3	96	0.00
45	S	2-Fluorobiphenyl	80.000	74.521	6.8	97	-0.01
46		1,1'-Biphenyl	40.000	38.750	3.1	95	0.00
47		2-Chloronaphthalene	40.000	39.831	0.4	98	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144009.D
Acq On : 21 Oct 2025 13:29
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Oct 21 13:57:29 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

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	42.593	-6.5	96	0.00
49		Acenaphthylene	40.000	39.462	1.3	96	0.00
50		Dimethylphthalate	40.000	39.243	1.9	98	0.00
51		2,6-Dinitrotoluene	40.000	44.988	-12.5	102	-0.01
52	C	Acenaphthene	40.000	38.554	3.6	94	0.00
53		3-Nitroaniline	40.000	41.461	-3.7	99	-0.01
54	P	2,4-Dinitrophenol	40.000	33.421	16.4	89	0.00
55		Dibenzofuran	40.000	39.362	1.6	96	0.00
56	P	4-Nitrophenol	40.000	36.028	9.9	85	0.00
57		2,4-Dinitrotoluene	40.000	43.651	-9.1	97	0.00
58		Fluorene	40.000	38.862	2.8	97	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	39.546	1.1	93	0.00
60		Diethylphthalate	40.000	38.198	4.5	93	0.00
61		4-Chlorophenyl-phenylether	40.000	39.202	2.0	95	0.00
62		4-Nitroaniline	40.000	40.078	-0.2	96	-0.02
63		Azobenzene	40.000	39.265	1.8	96	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	97	0.00
65		4,6-Dinitro-2-methylphenol	40.000	43.304	-8.3	95	-0.01
66	c	n-Nitrosodiphenylamine	40.000	40.254	-0.6	93	-0.01
67		4-Bromophenyl-phenylether	40.000	38.560	3.6	89	0.00
68		Hexachlorobenzene	40.000	38.982	2.5	91	0.00
69		Atrazine	40.000	38.711	3.2	92	-0.01
70	C	Pentachlorophenol	40.000	35.013	12.5	79	0.00
71		Phenanthrene	40.000	38.498	3.8	93	0.00
72		Anthracene	40.000	40.324	-0.8	93	0.00
73		Carbazole	40.000	38.983	2.5	93	0.00
74		Di-n-butylphthalate	40.000	40.330	-0.8	93	0.00
75	C	Fluoranthene	40.000	38.337	4.2	90	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	93	0.00
77		Benzidine	40.000	35.211	12.0	74	0.00
78		Pyrene	40.000	43.291	-8.2	90	0.00
79	S	Terphenyl-d14	80.000	87.634	-9.5	93	0.00
80		Butylbenzylphthalate	40.000	41.891	-4.7	85	0.00
81		Benzo(a)anthracene	40.000	41.931	-4.8	91	0.00
82		3,3'-Dichlorobenzidine	40.000	40.149	-0.4	84	0.00
83		Chrysene	40.000	38.688	3.3	84	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	41.128	-2.8	84	0.00
85	c	Di-n-octyl phthalate	40.000	43.844	-9.6	91	0.00
86	I	Perylene-d12	20.000	20.000	0.0	97	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	46.355	-15.9	99	0.00
88		Benzo(b)fluoranthene	40.000	39.827	0.4	88	0.00
89		Benzo(k)fluoranthene	40.000	36.420	8.9	85	0.00
90	C	Benzo(a)pyrene	40.000	41.459	-3.6	91	0.00
91		Dibenzo(a,h)anthracene	40.000	46.964	-17.4	100	0.00
92		Benzo(g,h,i)perylene	40.000	46.374	-15.9	99	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144009.D
Acq On : 21 Oct 2025 13:29
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Oct 21 13:57:29 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

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: AECO02

Lab Code: ACE SDG No.: Q3375

Instrument ID: BNA_G Calibration Date/Time: 10/20/2025 12:44

Lab File ID: BG064547.D Init. Calib. Date(s): 10/02/2025 10/02/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:01 15:49

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.081	1.194		10.5	
Benzaldehyde	1.290	1.393		8.0	
Phenol-d6	1.452	1.610		10.9	
Phenol	1.532	1.641		7.1	20.0
bis(2-Chloroethyl)ether	1.038	1.092		5.2	
2-Chlorophenol	1.327	1.449		9.2	
2-Methylphenol	1.109	1.242		12.0	
2,2-oxybis(1-Chloropropane)	1.672	1.575		-5.8	
Acetophenone	0.484	0.526		8.7	
3+4-Methylphenols	1.548	1.686		8.9	
n-Nitroso-di-n-propylamine	0.971	1.105	0.050	13.8	
Nitrobenzene-d5	0.372	0.403		8.3	
Hexachloroethane	0.575	0.619		7.7	
Nitrobenzene	0.371	0.388		4.6	
Isophorone	0.674	0.707		4.9	
2-Nitrophenol	0.185	0.203		9.7	20.0
2,4-Dimethylphenol	0.282	0.312		10.6	
bis(2-Chloroethoxy)methane	0.343	0.365		6.4	
2,4-Dichlorophenol	0.326	0.358		9.8	20.0
Naphthalene	1.030	1.119		8.6	
4-Chloroaniline	0.395	0.412		4.3	
Hexachlorobutadiene	0.304	0.337		10.9	20.0
Caprolactam	0.112	0.118		5.4	
4-Chloro-3-methylphenol	0.397	0.427		7.6	20.0
2-Methylnaphthalene	0.791	0.842		6.4	
Hexachlorocyclopentadiene	0.338	0.380	0.050	12.4	
2,4,6-Trichlorophenol	0.413	0.471		14.0	20.0
2-Fluorobiphenyl	1.357	1.453		7.1	
2,4,5-Trichlorophenol	0.461	0.485		5.2	
1,1-Biphenyl	1.438	1.493		3.8	
2-Chloronaphthalene	1.074	1.136		5.8	
2-Nitroaniline	0.367	0.404		10.1	
Dimethylphthalate	1.566	1.653		5.6	
Acenaphthylene	1.594	1.720		7.9	
2,6-Dinitrotoluene	0.326	0.349		7.1	
3-Nitroaniline	0.301	0.316		5.0	
Acenaphthene	1.108	1.160		4.7	20.0
2,4-Dinitrophenol	0.237	0.201	0.050	-15.2	
4-Nitrophenol	0.237	0.224	0.050	-5.5	

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: AECO02

Lab Code: ACE SDG No.: Q3375

Instrument ID: BNA_G Calibration Date/Time: 10/20/2025 12:44

Lab File ID: BG064547.D Init. Calib. Date(s): 10/02/2025 10/02/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:01 15:49

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.829	1.957		7.0	
2,4-Dinitrotoluene	0.499	0.527		5.6	
Diethylphthalate	1.680	1.793		6.7	
4-Chlorophenyl-phenylether	0.830	0.883		6.4	
Fluorene	1.520	1.623		6.8	
4-Nitroaniline	0.314	0.338		7.6	
4,6-Dinitro-2-methylphenol	0.139	0.145		4.3	
n-Nitrosodiphenylamine	0.534	0.568		6.4	20.0
2,4,6-Tribromophenol	0.363	0.393		8.3	
4-Bromophenyl-phenylether	0.235	0.253		7.7	
Hexachlorobenzene	0.269	0.296		10.0	
Atrazine	0.238	0.240		0.8	
Pentachlorophenol	0.157	0.169		7.6	20.0
Phenanthrene	1.046	1.100		5.2	
Anthracene	1.049	1.130		7.7	
Carbazole	0.907	0.960		5.8	
Di-n-butylphthalate	1.107	1.175		6.1	
Fluoranthene	1.250	1.308		4.6	20.0
Pyrene	1.298	1.355		4.4	
Terphenyl-d14	1.057	1.133		7.2	
Butylbenzylphthalate	0.460	0.496		7.8	
3,3-Dichlorobenzidine	0.432	0.455		5.3	
Benzo(a)anthracene	1.277	1.361		6.6	
Chrysene	1.211	1.287		6.3	
Bis(2-ethylhexyl)phthalate	0.649	0.709		9.2	
Di-n-octyl phthalate	1.091	1.198		9.8	20.0
Benzo(b)fluoranthene	1.138	1.217		6.9	
Benzo(k)fluoranthene	1.146	1.257		9.7	
Benzo(a)pyrene	1.049	1.138		8.5	20.0
Indeno(1,2,3-cd)pyrene	1.392	1.498		7.6	
Dibenzo(a,h)anthracene	1.113	1.205		8.3	
Benzo(g,h,i)perylene	1.082	1.159		7.1	
1,2,4,5-Tetrachlorobenzene	0.646	0.669		3.6	
1,4-Dioxane	0.427	0.377		-11.7	20.0
2,3,4,6-Tetrachlorophenol	0.470	0.507		7.9	

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
Data File : BG064547.D
Acq On : 20 Oct 2025 12:44
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 20 16:36:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.817	152	12980	20.000	ng		0.00
21) Naphthalene-d8	10.607	136	58801	20.000	ng	#	0.00
39) Acenaphthene-d10	14.444	164	45965	20.000	ng		0.00
64) Phenanthrene-d10	17.188	188	112639	20.000	ng		0.00
76) Chrysene-d12	21.418	240	113403	20.000	ng		0.00
86) Perylene-d12	24.403	264	125032	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.414	112	62014	88.419	ng		0.00
7) Phenol-d6	7.000	99	83578	88.675	ng		0.01
23) Nitrobenzene-d5	8.974	82	94792	86.682	ng		0.00
42) 2,4,6-Tribromophenol	15.942	330	72187	86.640	ng		0.00
45) 2-Fluorobiphenyl	13.069	172	267175	85.677	ng		0.00
79) Terphenyl-d14	19.808	244	514123	85.798	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	9778	35.246	ng		92
3) Pyridine	3.715	79	22435	30.091	ng		90
4) n-Nitrosodimethylamine	3.627	42	22126	40.937	ng	#	84
6) Aniline	7.147	93	53888	45.327	ng		97
8) 2-Chlorophenol	7.388	128	37614	43.674	ng		97
9) Benzaldehyde	6.965	77	36156	43.215	ng		93
10) Phenol	7.029	94	42594	42.839	ng		92
11) bis(2-Chloroethyl)ether	7.247	93	28339	42.087	ng		95
12) 1,3-Dichlorobenzene	7.711	146	41865	44.437	ng		89
13) 1,4-Dichlorobenzene	7.858	146	41670	44.070	ng		93
14) 1,2-Dichlorobenzene	8.169	146	40313	43.259	ng		95
15) Benzyl Alcohol	8.057	79	39179	45.138	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.339	45	40888	37.672	ng		98
17) 2-Methylphenol	8.269	107	32231	44.767	ng		96
18) Hexachloroethane	8.892	117	16062	43.036	ng		89
19) n-Nitroso-di-n-propyla...	8.621	70	28682	45.502	ng	#	91
20) 3+4-Methylphenols	8.598	107	43764	43.559	ng		95
22) Acetophenone	8.639	105	61862	43.451	ng	#	94
24) Nitrobenzene	9.021	77	45681	41.889	ng		97
25) Isophorone	9.538	82	83098	41.946	ng	#	94
26) 2-Nitrophenol	9.726	139	23843	43.930	ng		97
27) 2,4-Dimethylphenol	9.791	122	36645	44.205	ng		97
28) bis(2-Chloroethoxy)met...	10.020	93	42902	42.484	ng		99
29) 2,4-Dichlorophenol	10.267	162	42122	43.940	ng		98
30) 1,2,4-Trichlorobenzene	10.472	180	45818	43.835	ng		97
31) Naphthalene	10.660	128	131618	43.468	ng		97
32) Benzoic acid	9.961	122	26292	41.310	ng		93
33) 4-Chloroaniline	10.766	127	48497	41.738	ng		95
34) Hexachlorobutadiene	10.942	225	39674	44.321	ng		97
35) Caprolactam	11.559	113	13863	42.243	ng		99
36) 4-Chloro-3-methylphenol	11.906	107	50241	43.097	ng		98
37) 2-Methylnaphthalene	12.270	142	98977	42.584	ng		95
38) 1-Methylnaphthalene	12.488	142	97763	42.182	ng	#	95
40) 1,2,4,5-Tetrachloroben...	12.640	216	61472	41.420	ng		95
41) Hexachlorocyclopentadiene	12.623	237	34940	45.006	ng		92
43) 2,4,6-Trichlorophenol	12.887	196	43274m	45.612	ng		

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
Data File : BG064547.D
Acq On : 20 Oct 2025 12:44
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 20 16:36:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.963	196	44631	42.137	ng		99
46) 1,1'-Biphenyl	13.281	154	137212	41.504	ng		100
47) 2-Chloronaphthalene	13.322	162	104440	42.313	ng		96
48) 2-Nitroaniline	13.528	65	37118	44.061	ng		94
49) Acenaphthylene	14.168	152	158153	43.163	ng		97
50) Dimethylphthalate	13.909	163	152000	42.222	ng		98
51) 2,6-Dinitrotoluene	14.027	165	32112	42.820	ng		94
52) Acenaphthene	14.515	154	106658	41.898	ng		98
53) 3-Nitroaniline	14.362	138	29028	41.972	ng		87
54) 2,4-Dinitrophenol	14.567	184	18483	33.990	ng		92
55) Dibenzofuran	14.850	168	179871	42.794	ng		100
56) 4-Nitrophenol	14.685	139	20574	37.784	ng		89
57) 2,4-Dinitrotoluene	14.820	165	48459	42.271	ng		96
58) Fluorene	15.496	166	149180	42.692	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.079	232	46621	43.129	ng		97
60) Diethylphthalate	15.273	149	164785	42.669	ng		98
61) 4-Chlorophenyl-phenyle...	15.490	204	81170	42.549	ng		97
62) 4-Nitroaniline	15.519	138	31076	43.111	ng		95
63) Azobenzene	15.784	77	123898	41.425	ng		96
65) 4,6-Dinitro-2-methylph...	15.584	198	32740	41.746	ng		91
66) n-Nitrosodiphenylamine	15.707	169	127857	42.507	ng		97
67) 4-Bromophenyl-phenylether	16.383	248	57057	43.046	ng		96
68) Hexachlorobenzene	16.500	284	66733	43.997	ng		98
69) Atrazine	16.659	200	54086	40.416	ng		97
70) Pentachlorophenol	16.847	266	37971	42.817	ng		97
71) Phenanthrene	17.235	178	247916	42.087	ng		99
72) Anthracene	17.323	178	254501	43.067	ng		98
73) Carbazole	17.599	167	216198	42.326	ng		98
74) Di-n-butylphthalate	18.157	149	264589	42.433	ng		99
75) Fluoranthene	19.244	202	294741	41.884	ng		98
77) Benzidine	19.432	184	134588	47.695	ng		99
78) Pyrene	19.609	202	307402	41.769	ng		99
80) Butylbenzylphthalate	20.502	149	112428	43.094	ng		97
81) Benzo(a)anthracene	21.401	228	308599	42.619	ng		99
82) 3,3'-Dichlorobenzidine	21.324	252	103237	42.125	ng		98
83) Chrysene	21.465	228	291852	42.501	ng		96
84) Bis(2-ethylhexyl)phtha...	21.318	149	160868	43.703	ng		97
85) Di-n-octyl phthalate	22.446	149	271723	43.922	ng		99
87) Indeno(1,2,3-cd)pyrene	27.770	276	374535	43.035	ng	#	88
88) Benzo(b)fluoranthene	23.463	252	304295	42.780	ng		98
89) Benzo(k)fluoranthene	23.528	252	314452	43.893	ng		99
90) Benzo(a)pyrene	24.268	252	284628	43.417	ng		99
91) Dibenzo(a,h)anthracene	27.823	278	301308	43.292	ng	#	97
92) Benzo(g,h,i)perylene	28.821	276	289782	42.845	ng		97

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

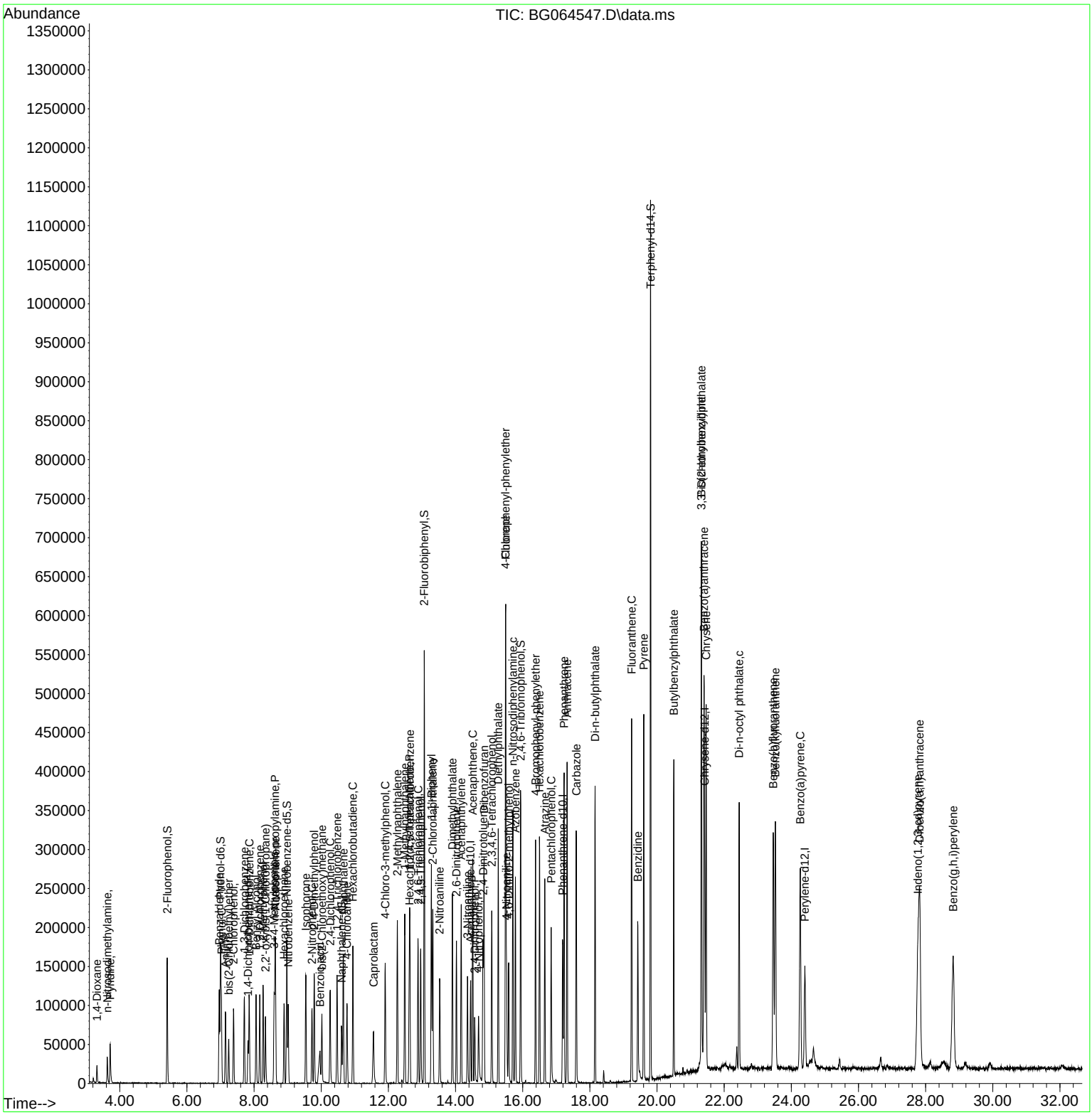
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
Data File : BG064547.D
Acq On : 20 Oct 2025 12:44
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

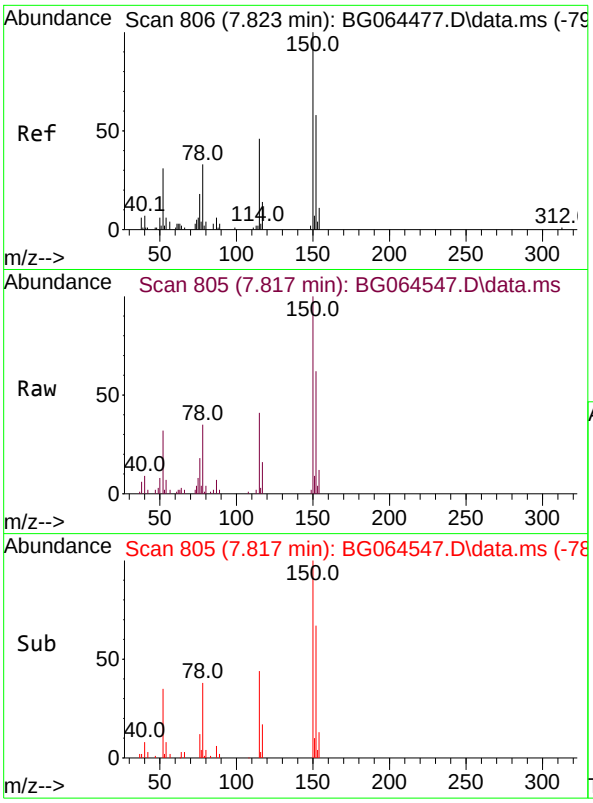
Quant Time: Oct 20 16:36:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

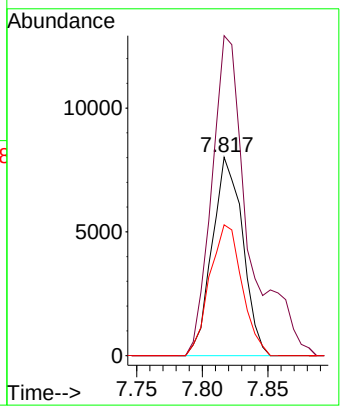




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.817 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:152 Resp: 1298

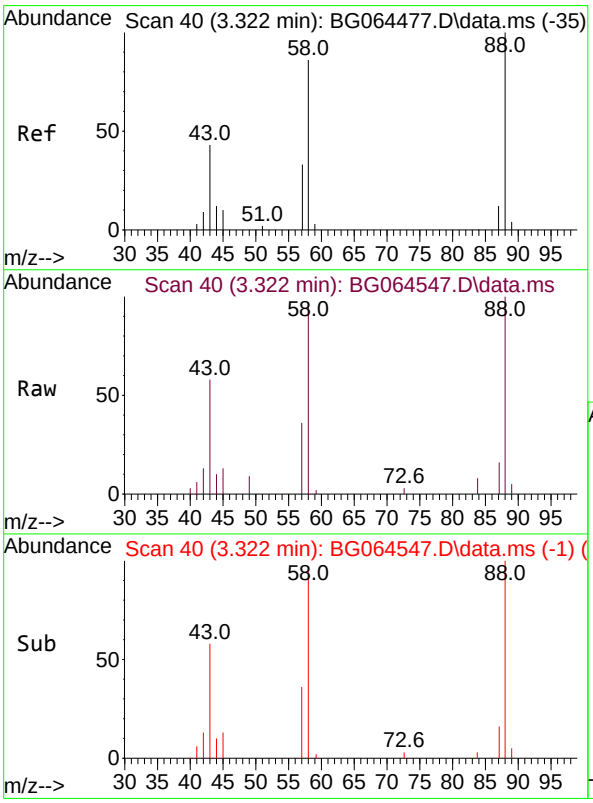
Ion	Ratio	Lower	Upper
152	100		
150	161.4	138.6	207.8
115	66.0	63.4	95.2



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
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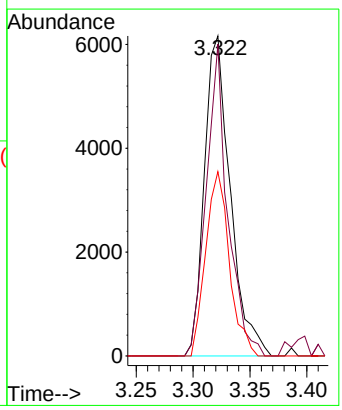
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

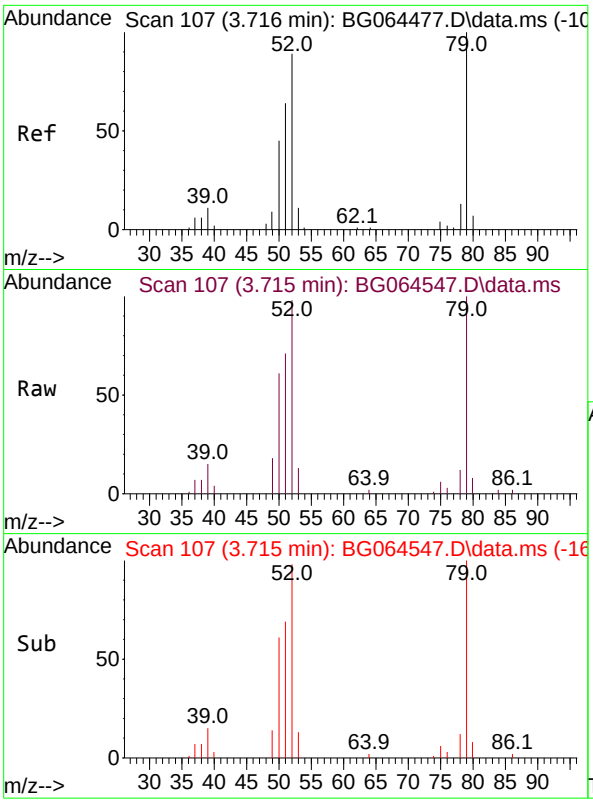


#2
1,4-Dioxane
Concen: 35.246 ng
RT: 3.322 min Scan# 40
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion: 88 Resp: 9778

Ion	Ratio	Lower	Upper
88	100		
58	80.8	69.8	104.6
43	52.7	37.4	56.0

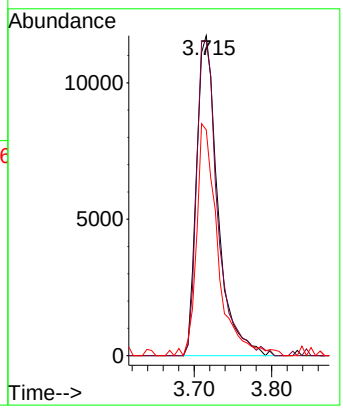




#3
Pyridine
Concen: 30.091 ng
RT: 3.715 min Scan# 10
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion: 79 Resp: 2243

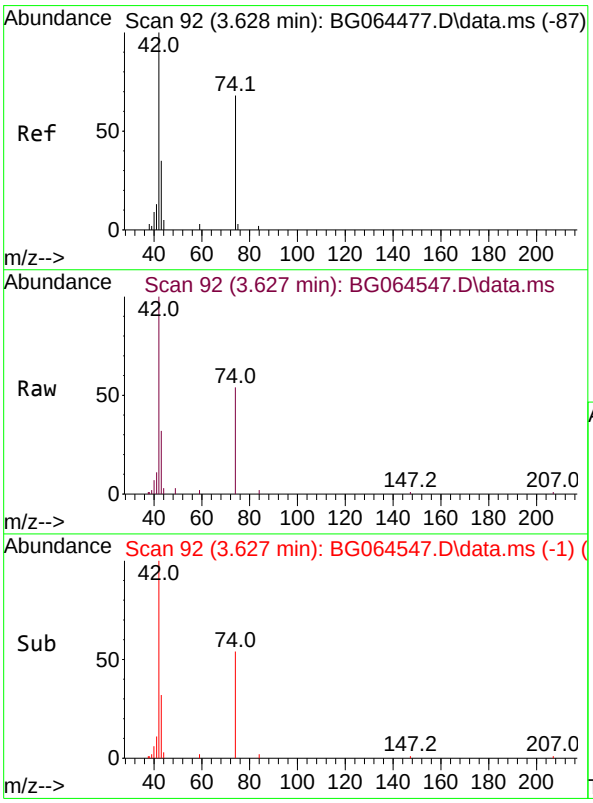
Ion	Ratio	Lower	Upper
79	100		
52	98.3	71.0	106.4
51	70.5	51.0	76.6



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

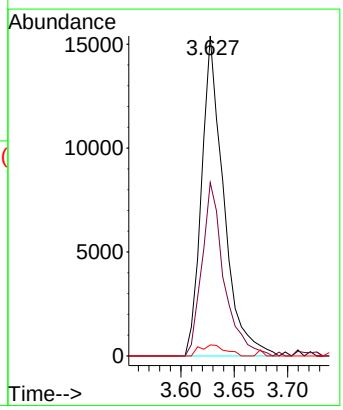
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

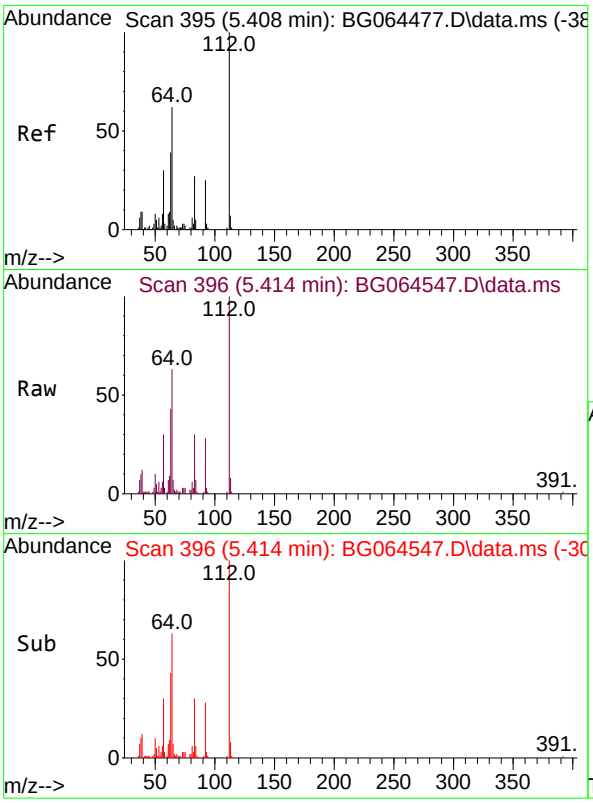


#4
n-Nitrosodimethylamine
Concen: 40.937 ng
RT: 3.627 min Scan# 92
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion: 42 Resp: 22126

Ion	Ratio	Lower	Upper
42	100		
74	54.2	54.2	81.4#
44	3.4	4.2	6.2#





#5
2-Fluorophenol
Concen: 88.419 ng
RT: 5.414 min Scan# 3
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

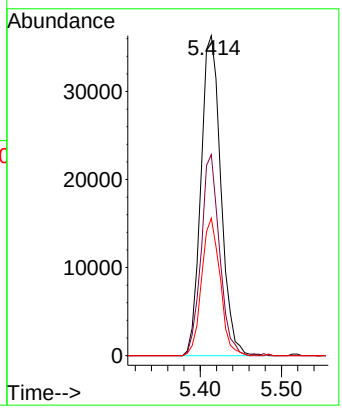
Tgt Ion:112 Resp: 6201

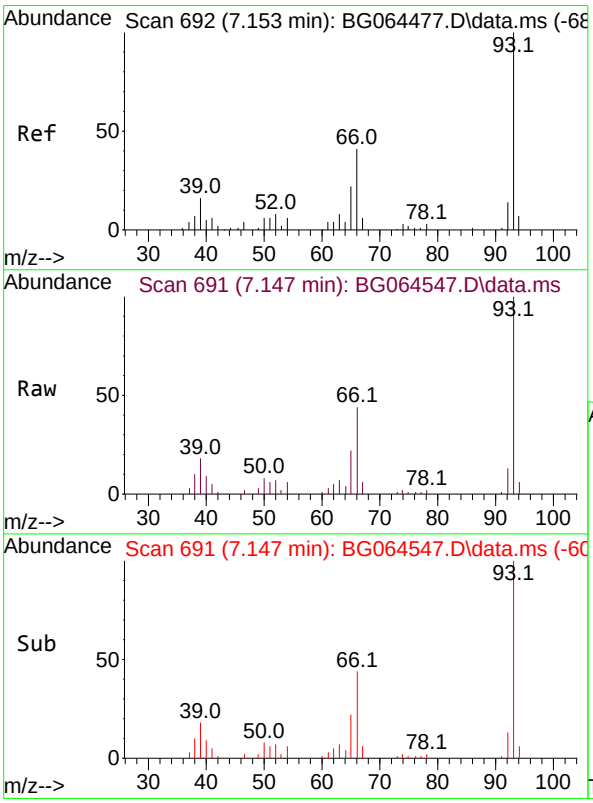
Ion	Ratio	Lower	Upper
112	100		
64	62.8	49.8	74.8
63	42.9	31.3	46.9

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
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Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

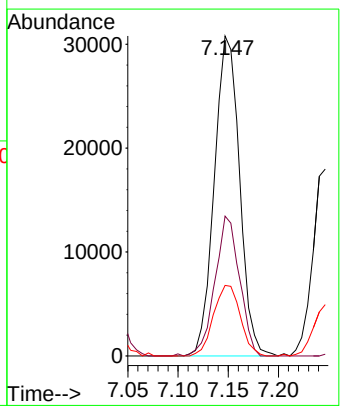


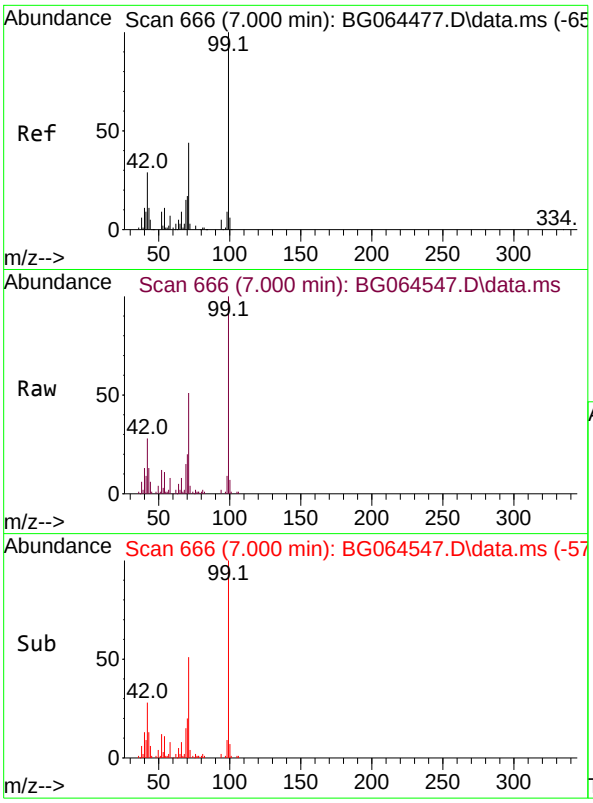


#6
Aniline
Concen: 45.327 ng
RT: 7.147 min Scan# 691
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion: 93 Resp: 53888

Ion	Ratio	Lower	Upper
93	100		
66	43.7	33.0	49.4
65	22.0	17.5	26.3

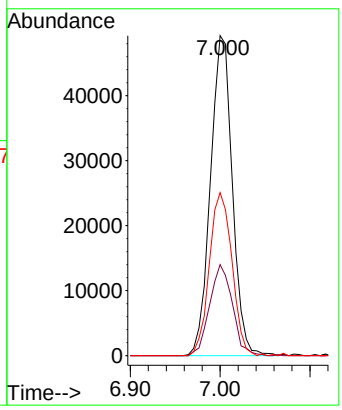




#7
Phenol-d6
Concen: 88.675 ng
RT: 7.000 min Scan# 6
Delta R.T. 0.014 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion: 99 Resp: 8357

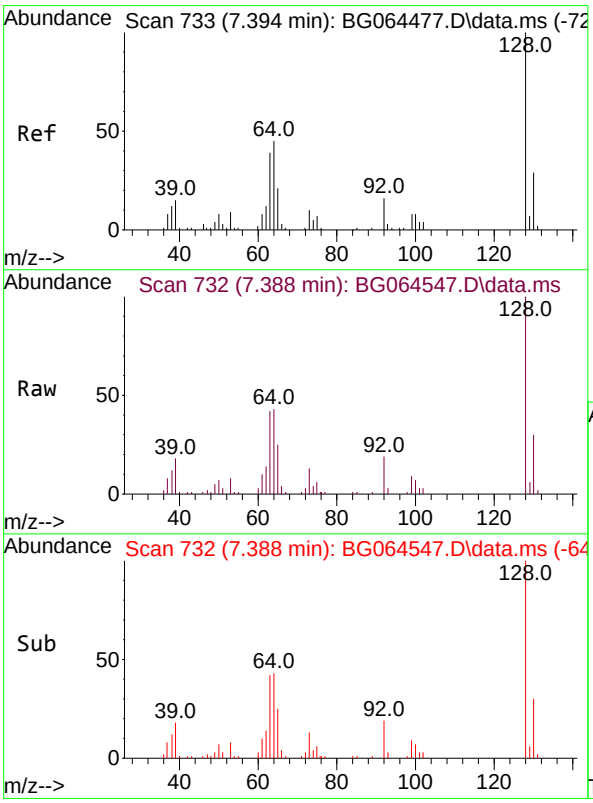
Ion	Ratio	Lower	Upper
99	100		
42	28.4	22.9	34.3
71	50.9	35.4	53.2



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

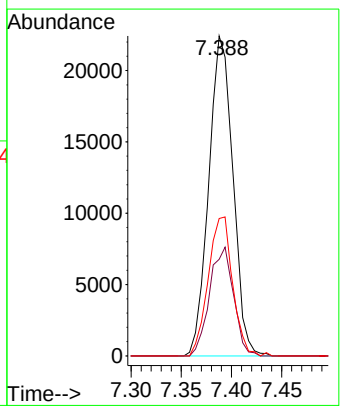
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

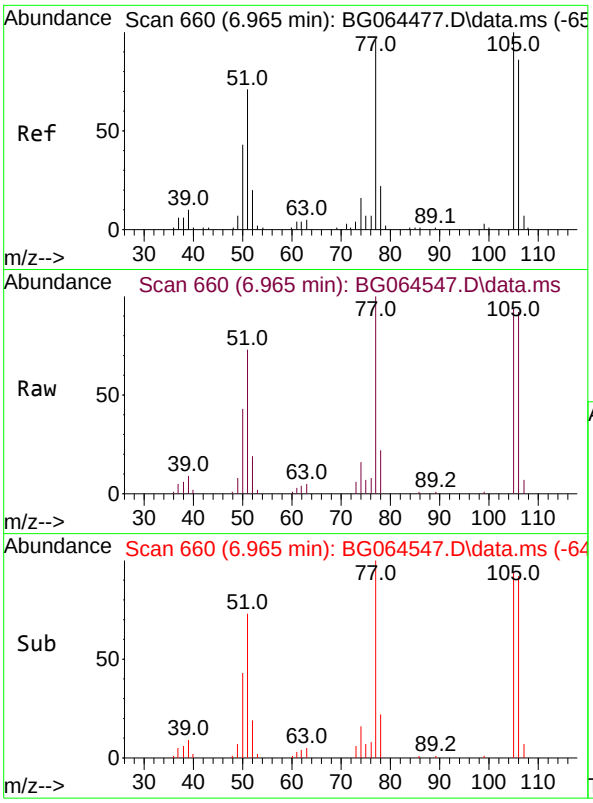


#8
2-Chlorophenol
Concen: 43.674 ng
RT: 7.388 min Scan# 732
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:128 Resp: 37614

Ion	Ratio	Lower	Upper
128	100		
130	30.2	9.2	49.2
64	42.9	25.5	65.5

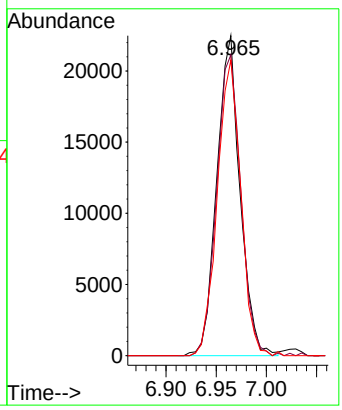




#9
Benzaldehyde
Concen: 43.215 ng
RT: 6.965 min Scan# 66
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion: 77 Resp: 3615

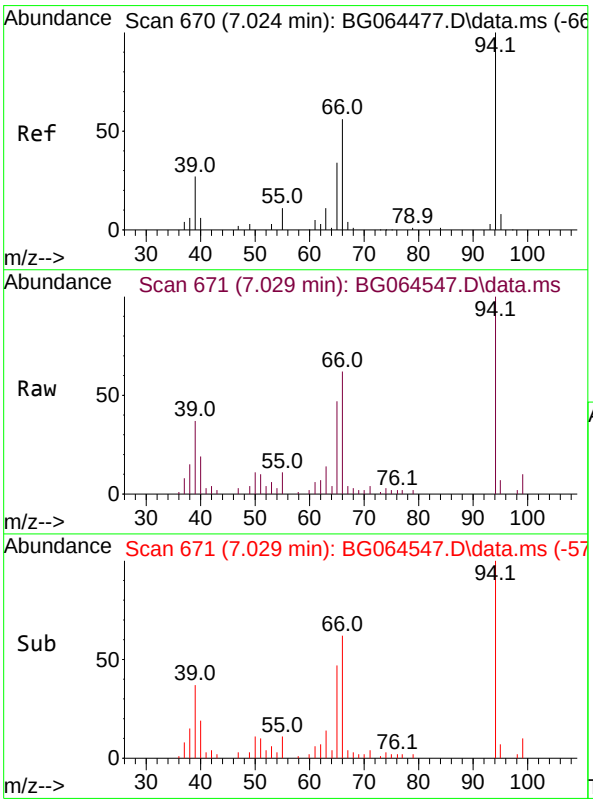
Ion	Ratio	Lower	Upper
77	100		
105	94.0	83.7	123.7
106	92.4	69.4	109.4



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
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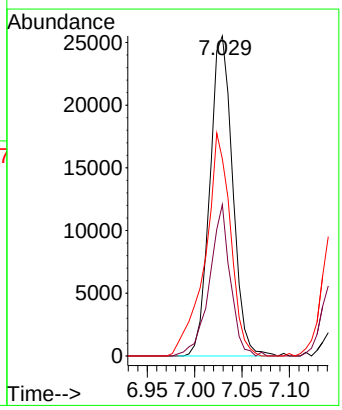
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

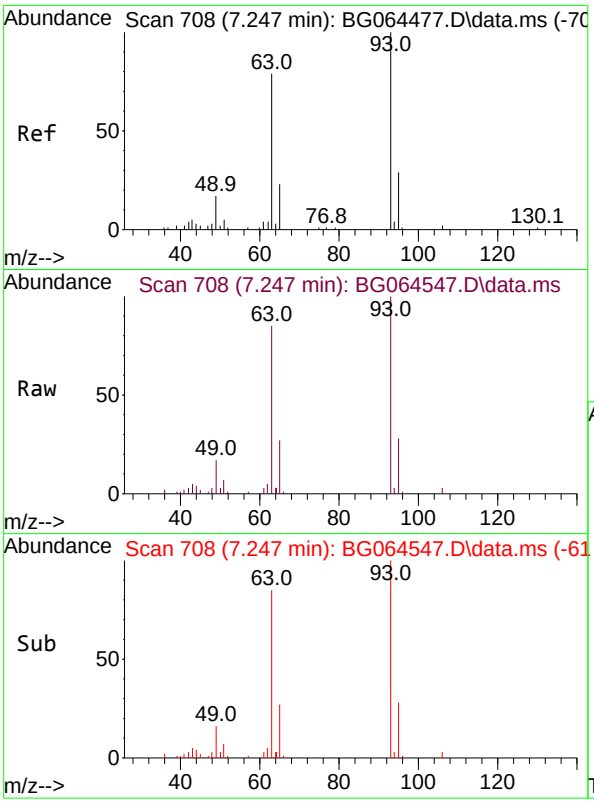


#10
Phenol
Concen: 42.839 ng
RT: 7.029 min Scan# 671
Delta R.T. 0.014 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion: 94 Resp: 42594

Ion	Ratio	Lower	Upper
94	100		
65	47.3	14.8	54.8
66	61.5	41.4	81.4

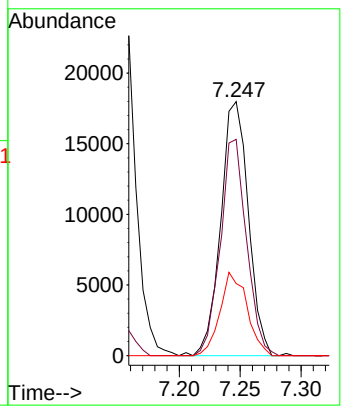




#11
bis(2-Chloroethyl)ether
Concen: 42.087 ng
RT: 7.247 min Scan# 70
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion: 93 Resp: 2833

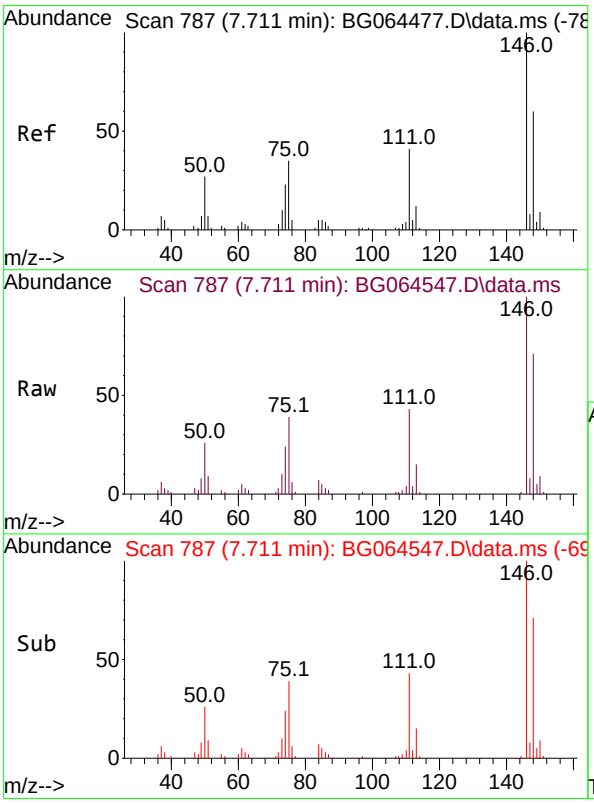
Ion	Ratio	Lower	Upper
93	100		
63	85.1	59.5	99.5
95	28.4	8.8	48.8



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

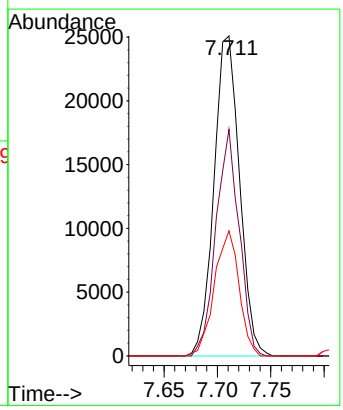
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

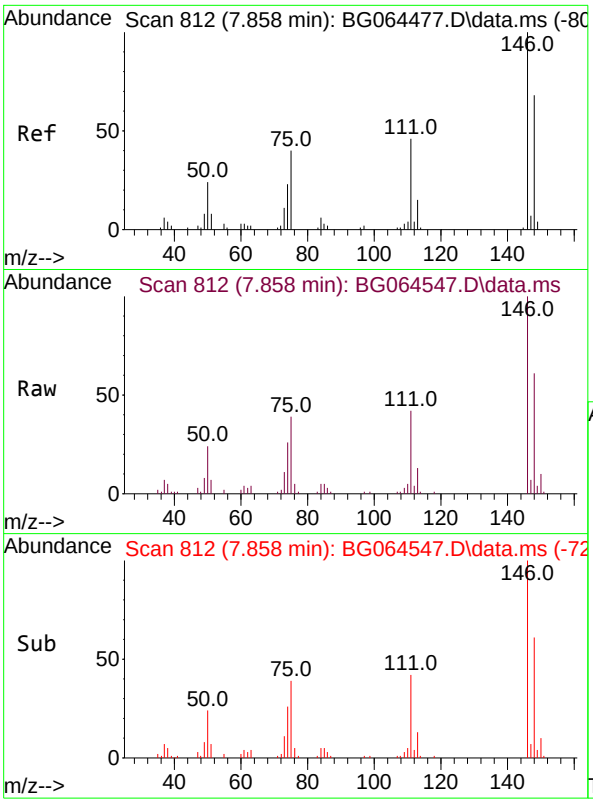


#12
1,3-Dichlorobenzene
Concen: 44.437 ng
RT: 7.711 min Scan# 787
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:146 Resp: 41865

Ion	Ratio	Lower	Upper
146	100		
148	70.8	48.4	72.6
75	39.1	28.3	42.5

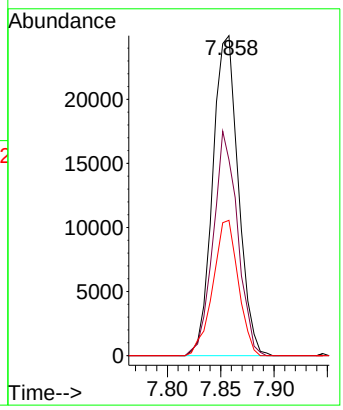




#13
1,4-Dichlorobenzene
Concen: 44.070 ng
RT: 7.858 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:146 Resp: 4167

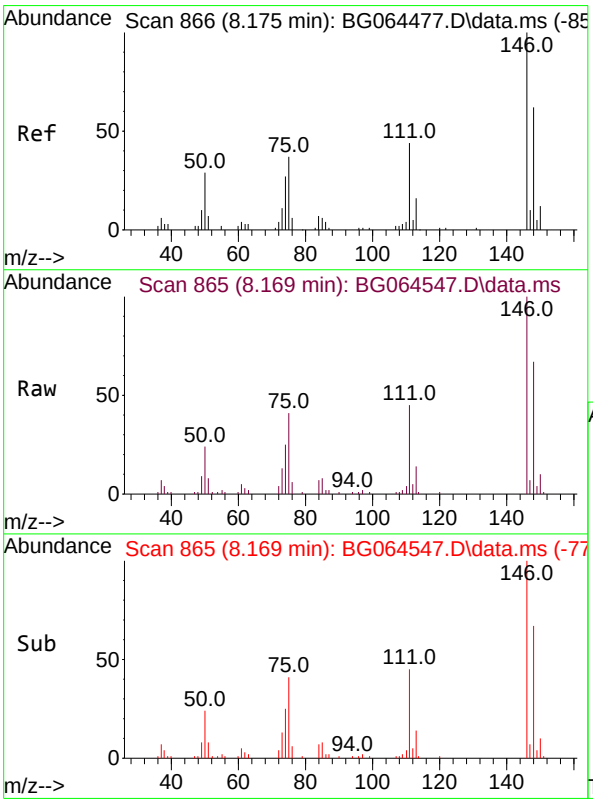
Ion	Ratio	Lower	Upper
146	100		
148	61.2	54.4	81.6
111	42.3	36.5	54.7



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

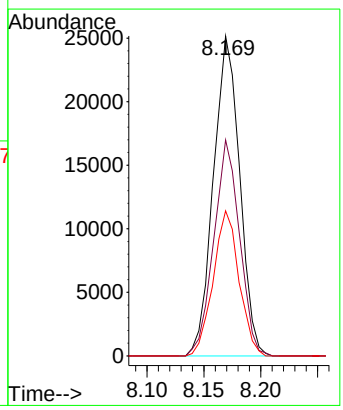
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

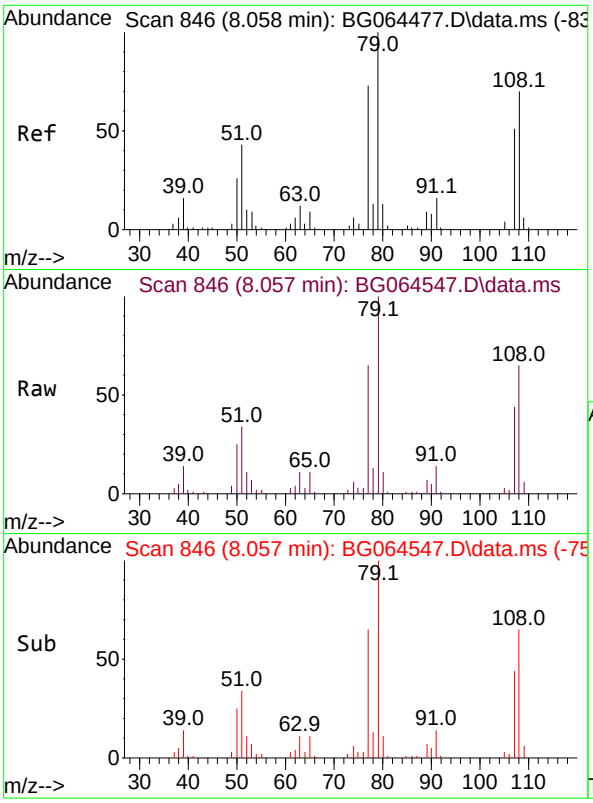


#14
1,2-Dichlorobenzene
Concen: 43.259 ng
RT: 8.169 min Scan# 865
Delta R.T. -0.004 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:146 Resp: 40313

Ion	Ratio	Lower	Upper
146	100		
148	67.5	50.0	75.0
111	45.3	35.0	52.4





#15
Benzyl Alcohol
Concen: 45.138 ng
RT: 8.057 min Scan# 84
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

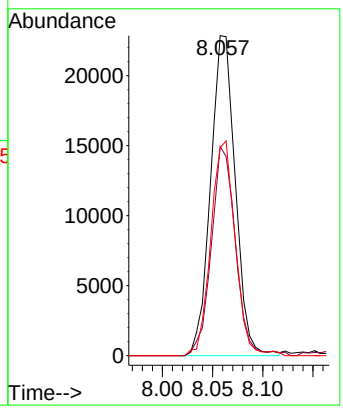
Tgt Ion: 79 Resp: 39179

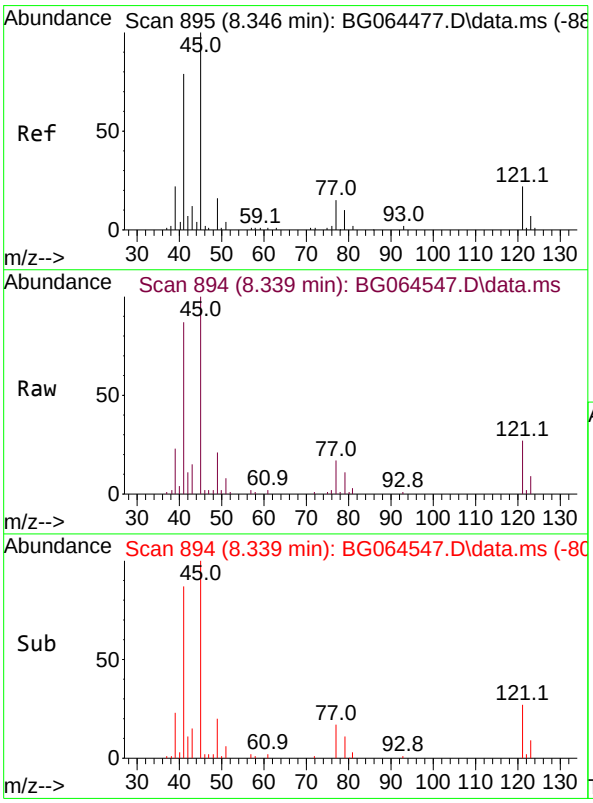
Ion	Ratio	Lower	Upper
79	100		
108	65.4	56.4	84.6
77	65.0	58.3	87.5

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

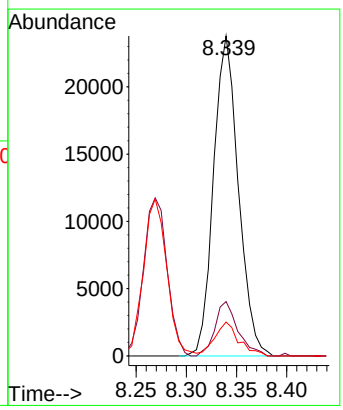


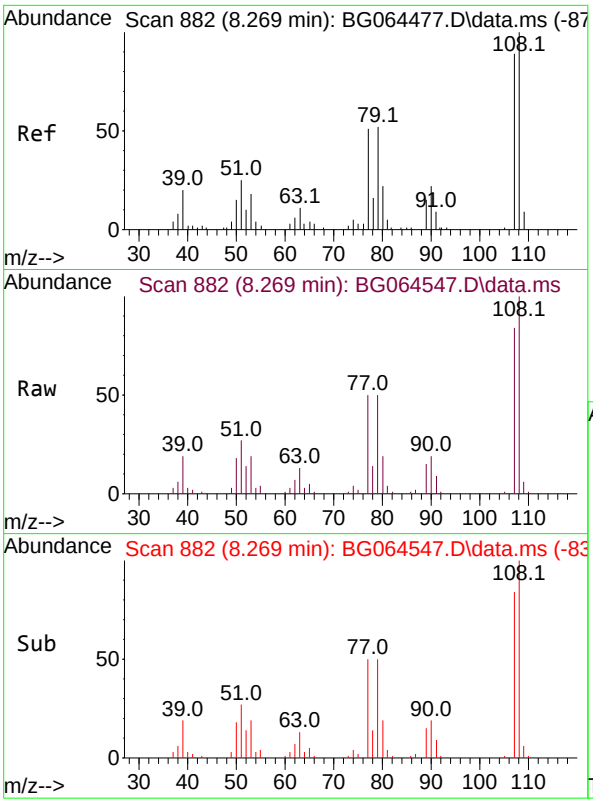


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.672 ng
RT: 8.339 min Scan# 894
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion: 45 Resp: 40888

Ion	Ratio	Lower	Upper
45	100		
77	17.0	0.0	35.6
79	10.6	0.0	30.7

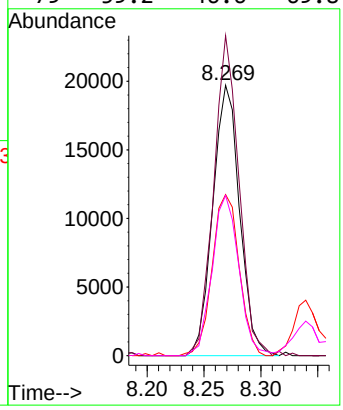




#17
2-Methylphenol
Concen: 44.767 ng
RT: 8.269 min Scan# 88
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:107 Resp: 3223

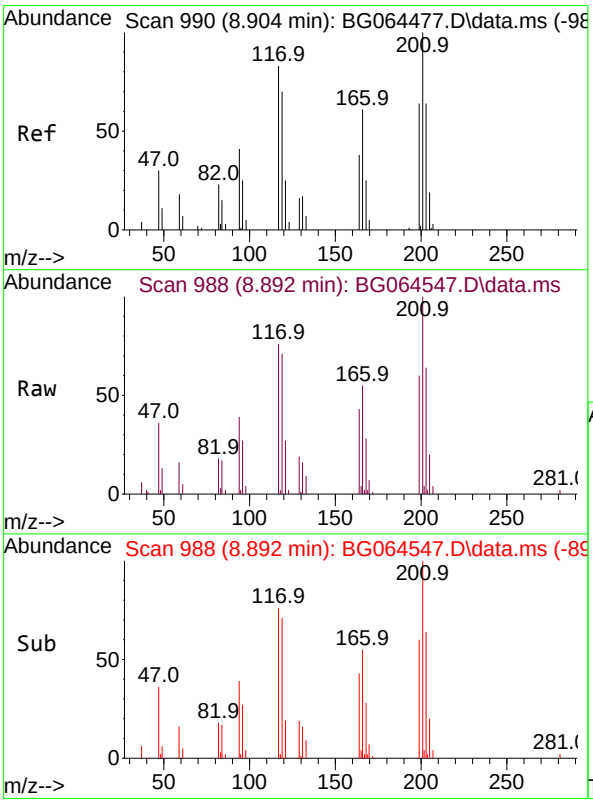
Ion	Ratio	Lower	Upper
107	100		
108	118.4	90.3	135.5
77	59.6	46.0	69.0
79	59.2	46.6	69.8



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
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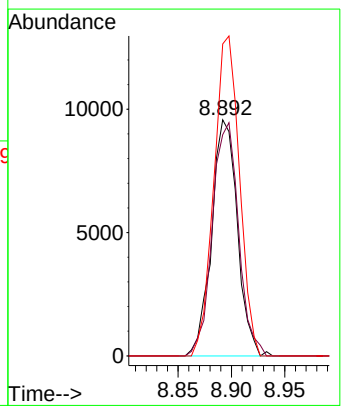
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

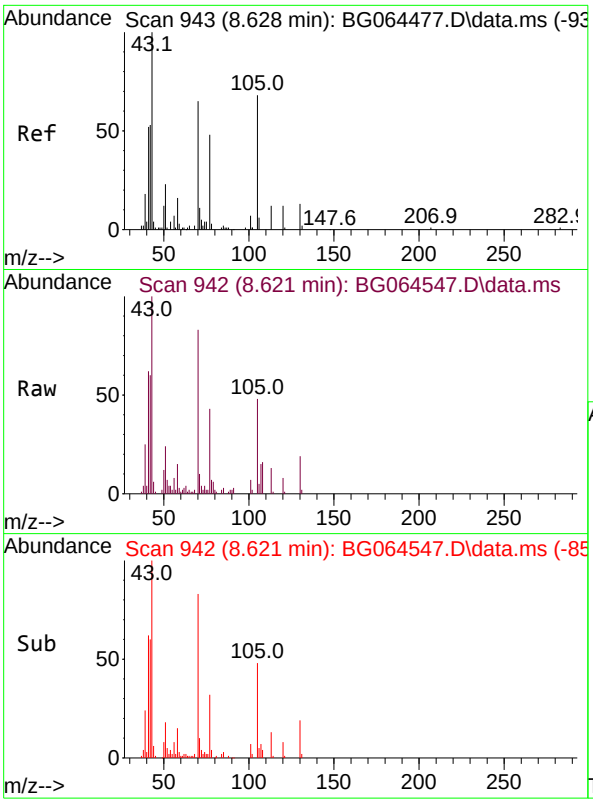


#18
Hexachloroethane
Concen: 43.036 ng
RT: 8.892 min Scan# 988
Delta R.T. -0.004 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:117 Resp: 16062

Ion	Ratio	Lower	Upper
117	100		
119	93.7	67.4	101.0
201	132.2	95.9	143.9

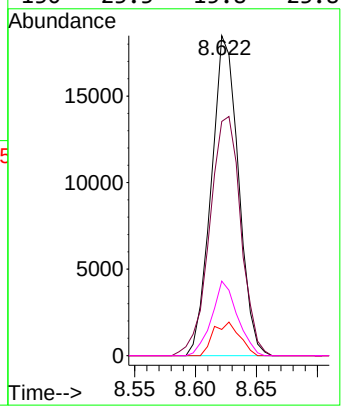




#19
n-Nitroso-di-n-propylamine
Concen: 45.502 ng
RT: 8.621 min Scan# 94
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion: 70 Resp: 2868

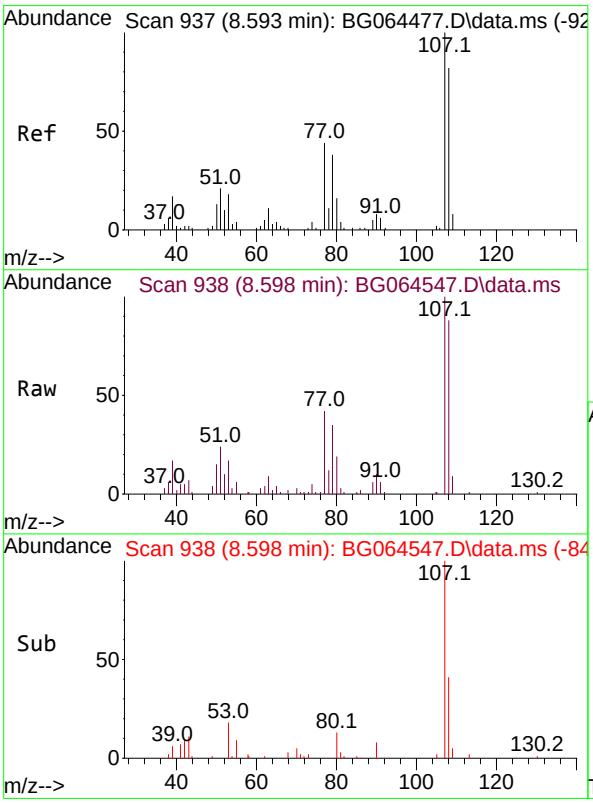
Ion	Ratio	Lower	Upper
70	100		
42	73.2	64.9	97.3
101	8.2	8.7	13.1#
130	23.3	15.8	23.8



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

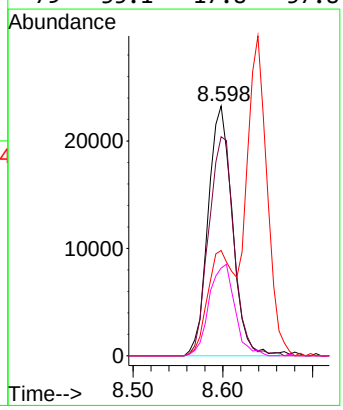
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

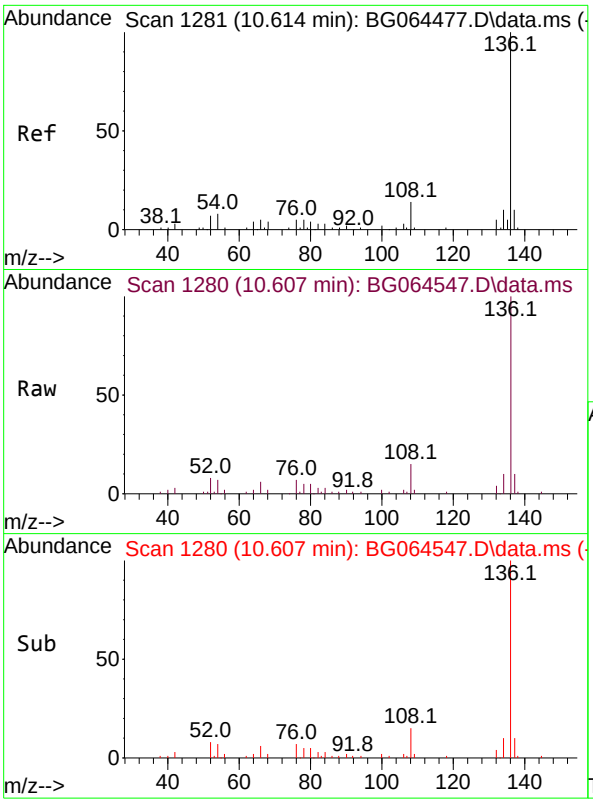


#20
3+4-Methylphenols
Concen: 43.559 ng
RT: 8.598 min Scan# 938
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:107 Resp: 43764

Ion	Ratio	Lower	Upper
107	100		
108	87.7	62.1	102.1
77	42.2	23.5	63.5
79	35.1	17.8	57.8

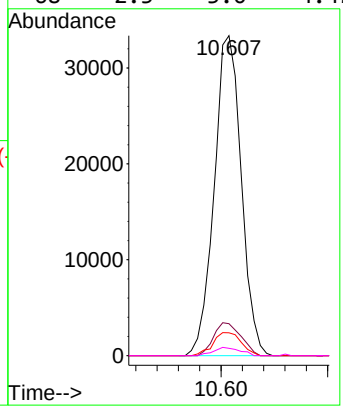




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.607 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:136 Resp: 5880

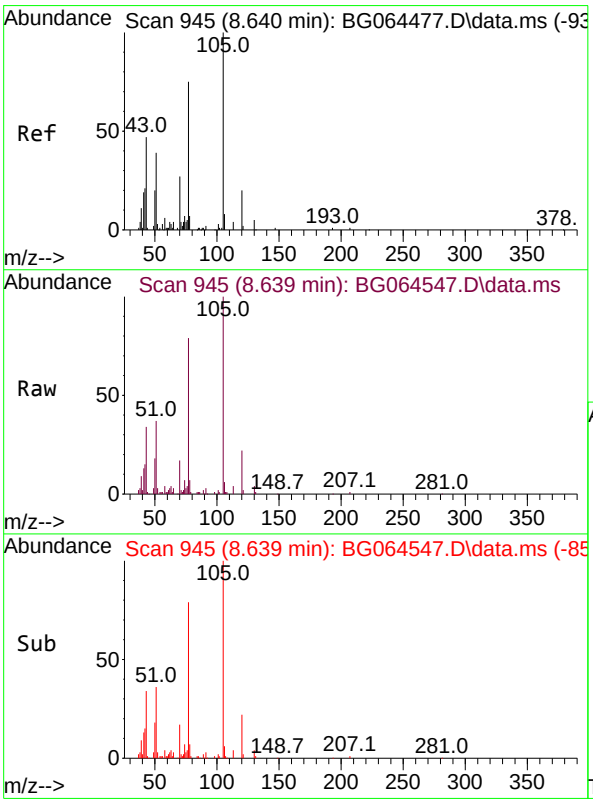
Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.3	12.5
54	7.1	6.2	9.4
68	2.3	3.0	4.4#



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
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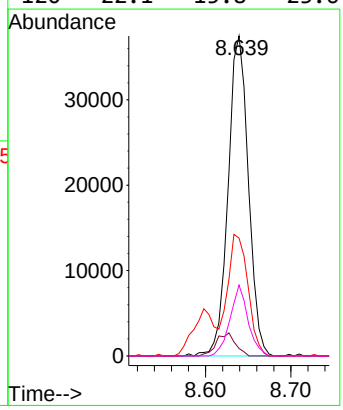
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

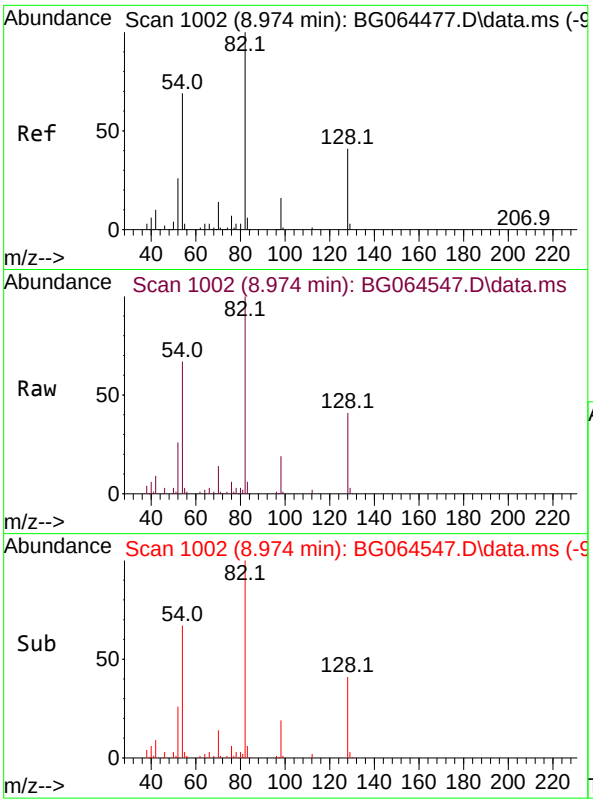


#22
Acetophenone
Concen: 43.451 ng
RT: 8.639 min Scan# 945
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:105 Resp: 61862

Ion	Ratio	Lower	Upper
105	100		
71	2.3	2.8	4.2#
51	36.8	33.0	49.4
120	22.1	15.8	23.6

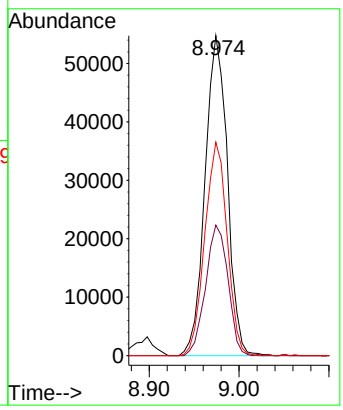




#23
Nitrobenzene-d5
Concen: 86.682 ng
RT: 8.974 min Scan# 1
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion: 82 Resp: 9479

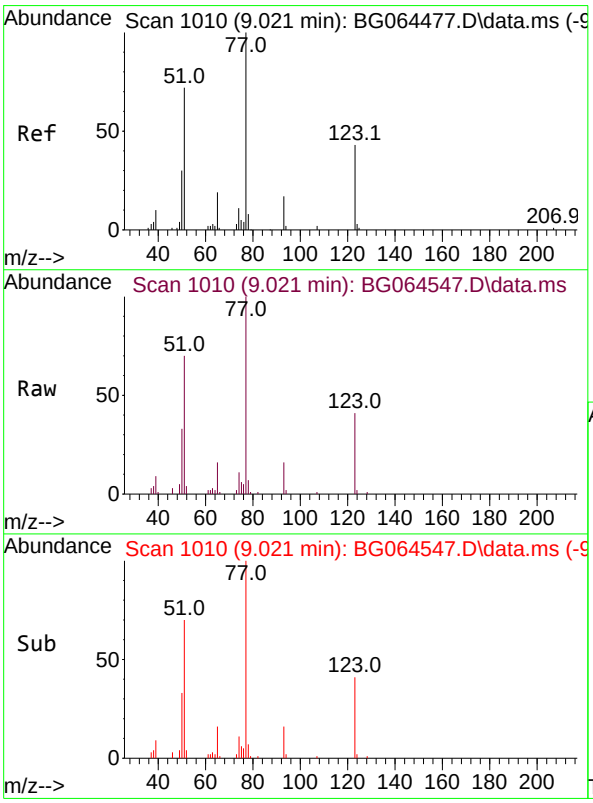
Ion	Ratio	Lower	Upper
82	100		
128	40.8	33.1	49.7
54	66.7	55.4	83.2



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

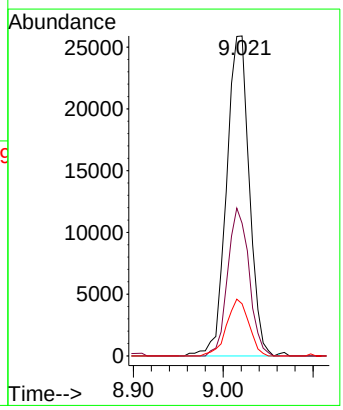
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

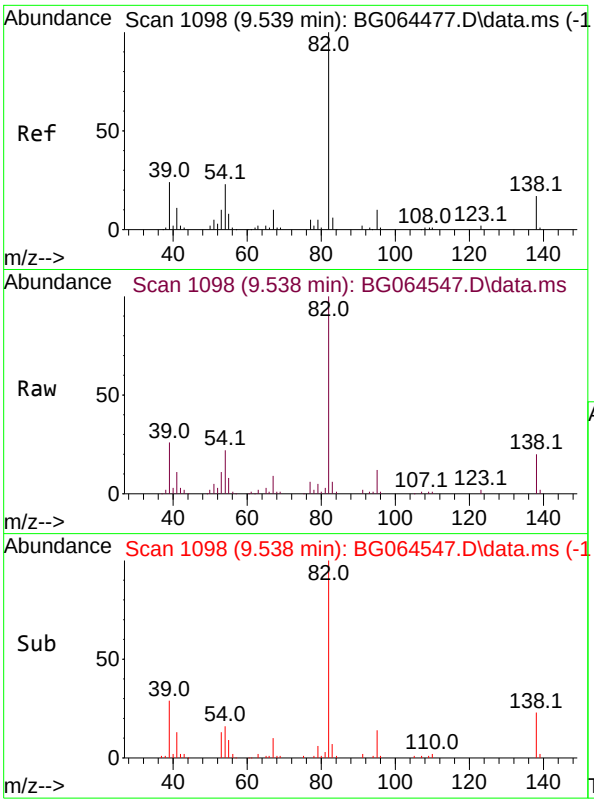


#24
Nitrobenzene
Concen: 41.889 ng
RT: 9.021 min Scan# 1010
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion: 77 Resp: 45681

Ion	Ratio	Lower	Upper
77	100		
123	41.4	34.4	51.6
65	16.3	14.8	22.2

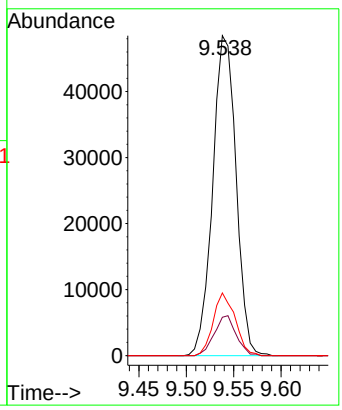




#25
Isophorone
Concen: 41.946 ng
RT: 9.538 min Scan# 1
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion: 82 Resp: 8309

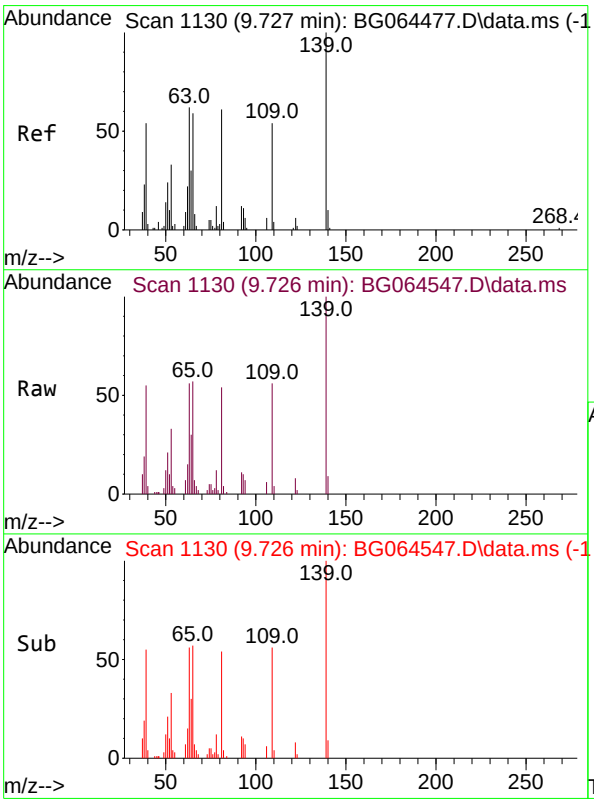
Ion	Ratio	Lower	Upper
82	100		
95	12.0	7.8	11.8
138	19.6	13.8	20.6



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
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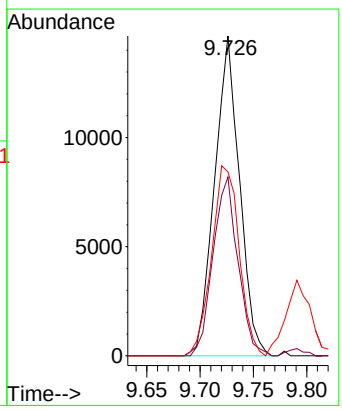
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

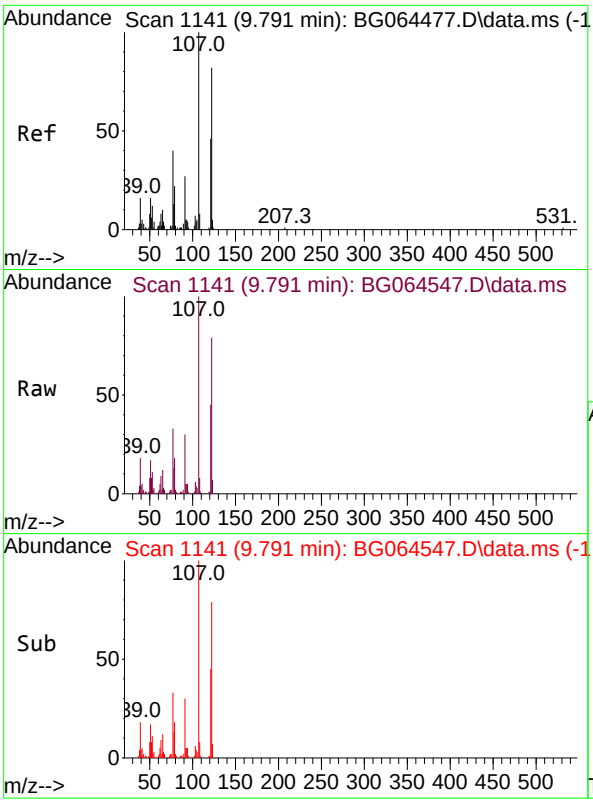


#26
2-Nitrophenol
Concen: 43.930 ng
RT: 9.726 min Scan# 1130
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:139 Resp: 23843

Ion	Ratio	Lower	Upper
139	100		
109	55.9	43.0	64.6
65	57.5	47.4	71.2





#27
2,4-Dimethylphenol
Concen: 44.205 ng
RT: 9.791 min Scan# 11
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

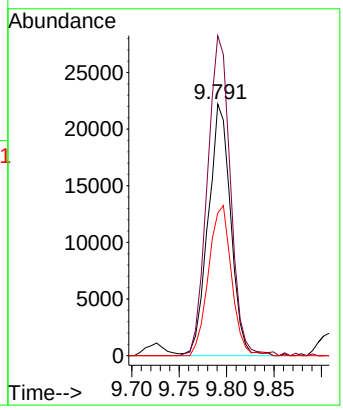
Tgt Ion:122 Resp: 3664

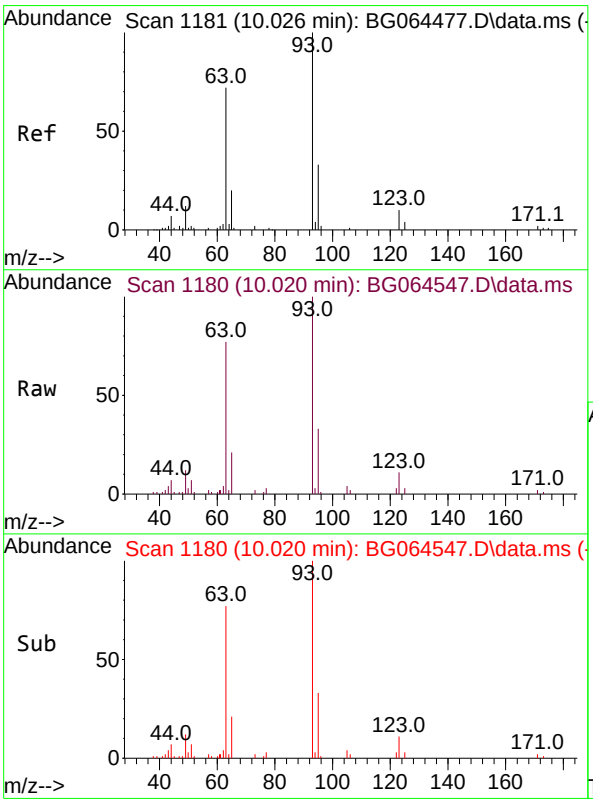
Ion	Ratio	Lower	Upper
122	100		
107	127.2	98.3	147.5
121	56.6	44.7	67.1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
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Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

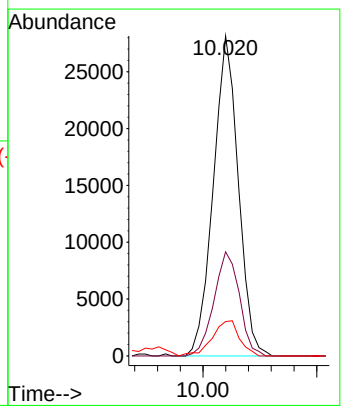


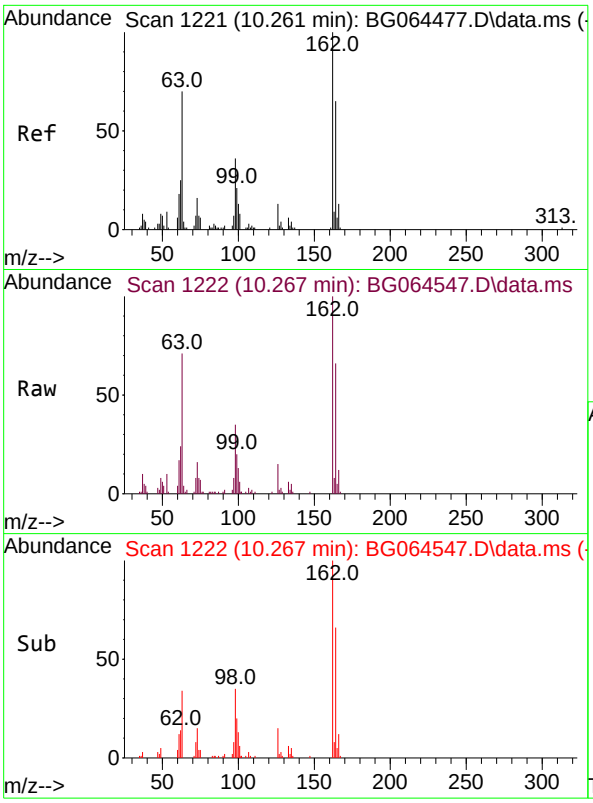


#28
bis(2-Chloroethoxy)methane
Concen: 42.484 ng
RT: 10.020 min Scan# 1180
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion: 93 Resp: 42902

Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.5	39.7
123	10.7	8.9	13.3

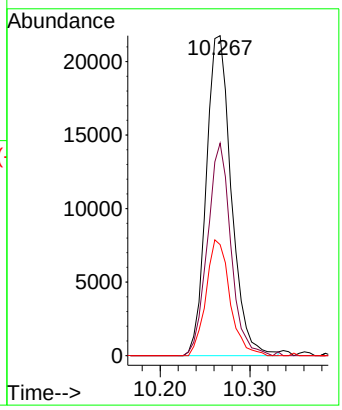




#29
2,4-Dichlorophenol
Concen: 43.940 ng
RT: 10.267 min Scan# 1
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:162 Resp: 4212

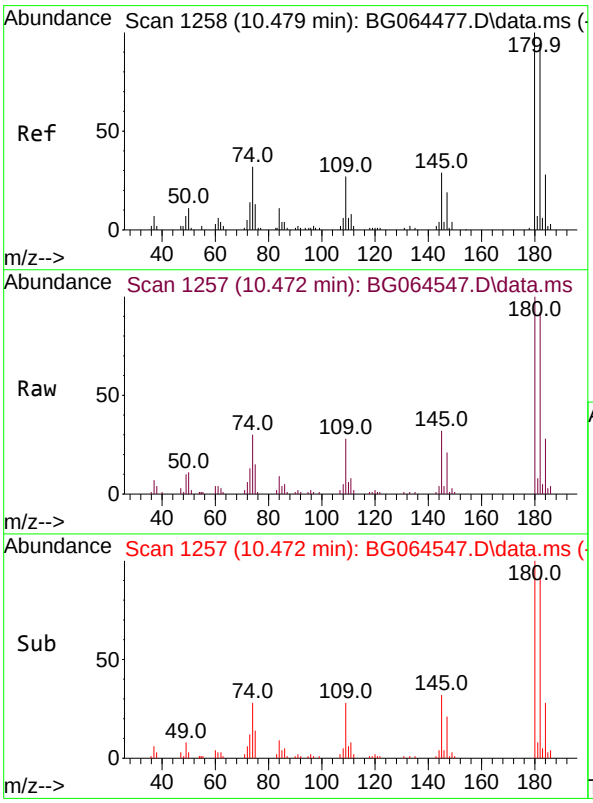
Ion	Ratio	Lower	Upper
162	100		
164	66.4	45.4	85.4
98	34.7	16.4	56.4



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
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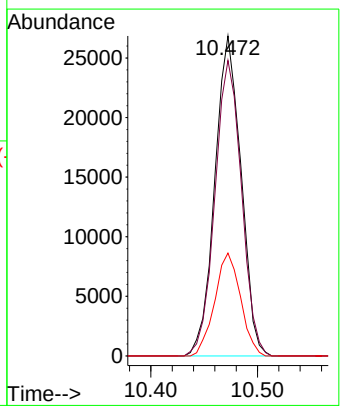
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

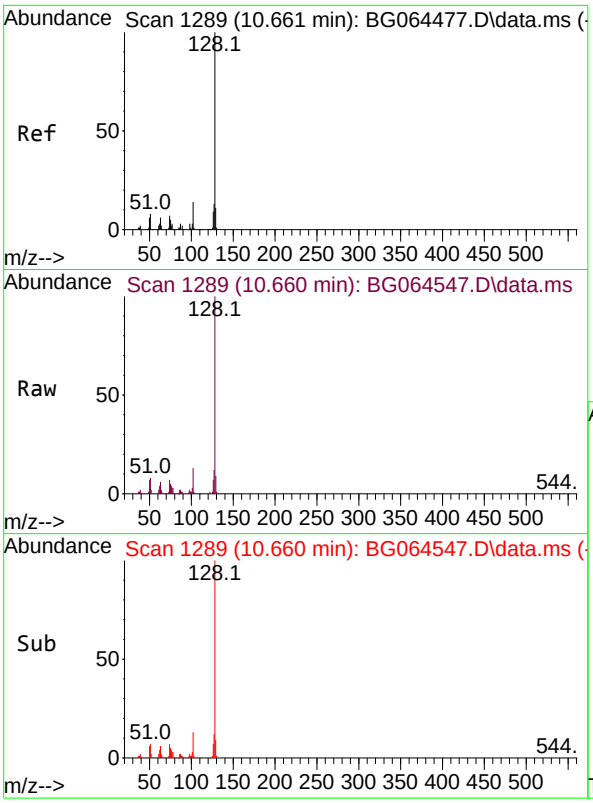


#30
1,2,4-Trichlorobenzene
Concen: 43.835 ng
RT: 10.472 min Scan# 1257
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:180 Resp: 45818

Ion	Ratio	Lower	Upper
180	100		
182	92.3	75.4	113.2
145	32.1	23.2	34.8

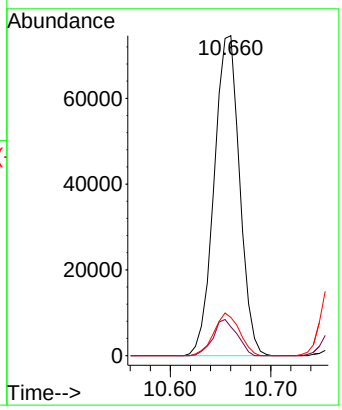




#31
Naphthalene
Concen: 43.468 ng
RT: 10.660 min Scan# 1
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:128 Resp: 131618

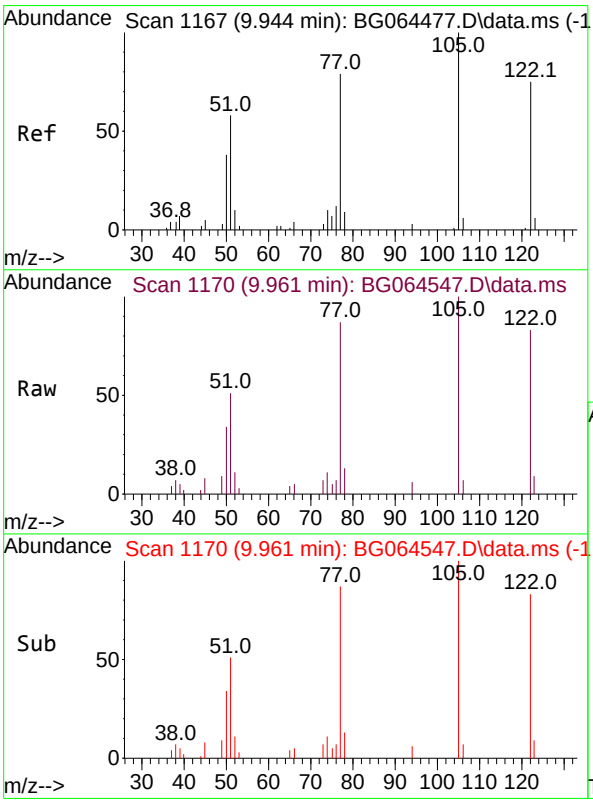
Ion	Ratio	Lower	Upper
128	100		
129	9.0	8.7	13.1
127	11.9	10.2	15.2



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
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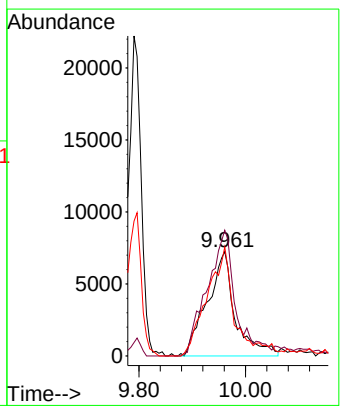
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

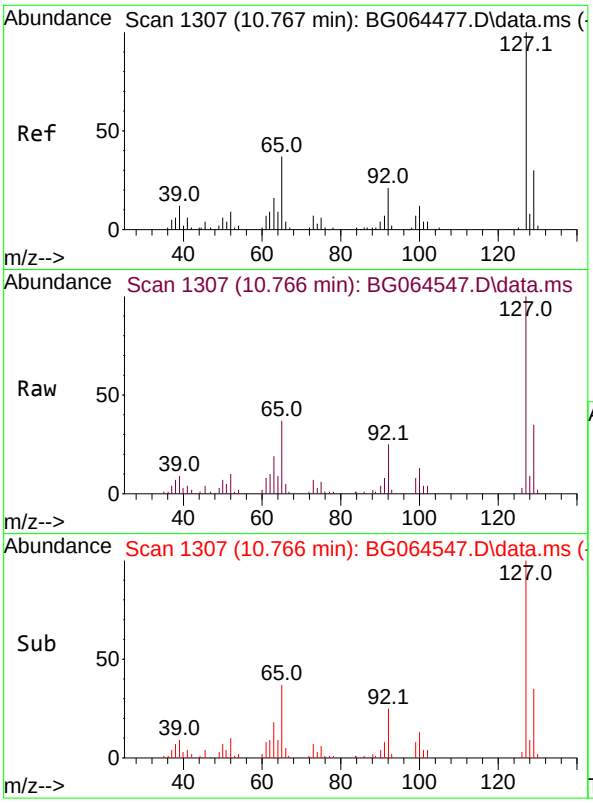


#32
Benzoic acid
Concen: 41.310 ng
RT: 9.961 min Scan# 1170
Delta R.T. 0.072 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:122 Resp: 26292

Ion	Ratio	Lower	Upper
122	100		
105	120.6	113.9	153.9
77	104.4	86.1	126.1

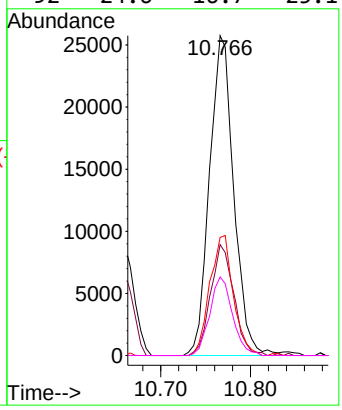




#33
4-Chloroaniline
Concen: 41.738 ng
RT: 10.766 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:127 Resp: 4849

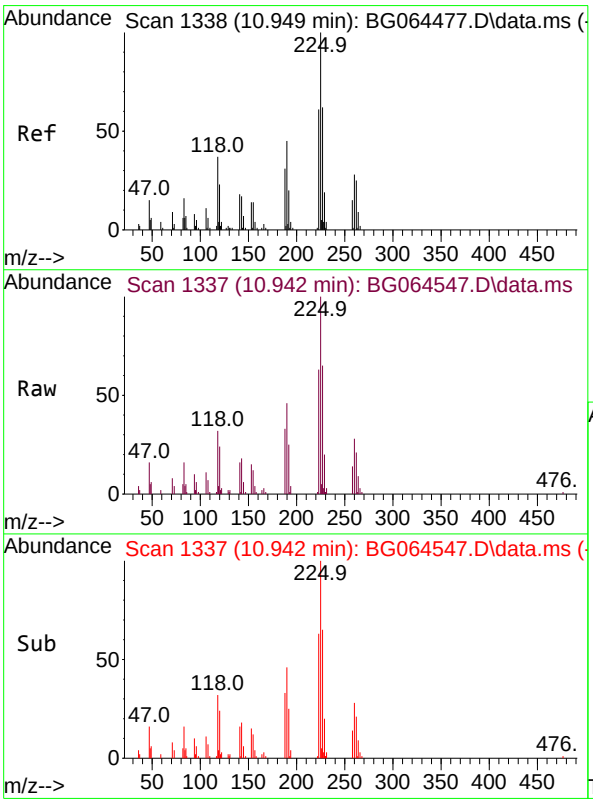
Ion	Ratio	Lower	Upper
127	100		
129	34.7	24.2	36.4
65	36.9	29.6	44.4
92	24.6	16.7	25.1



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

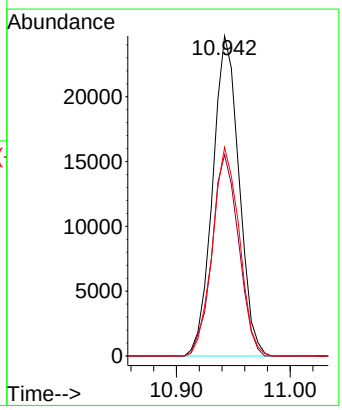
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

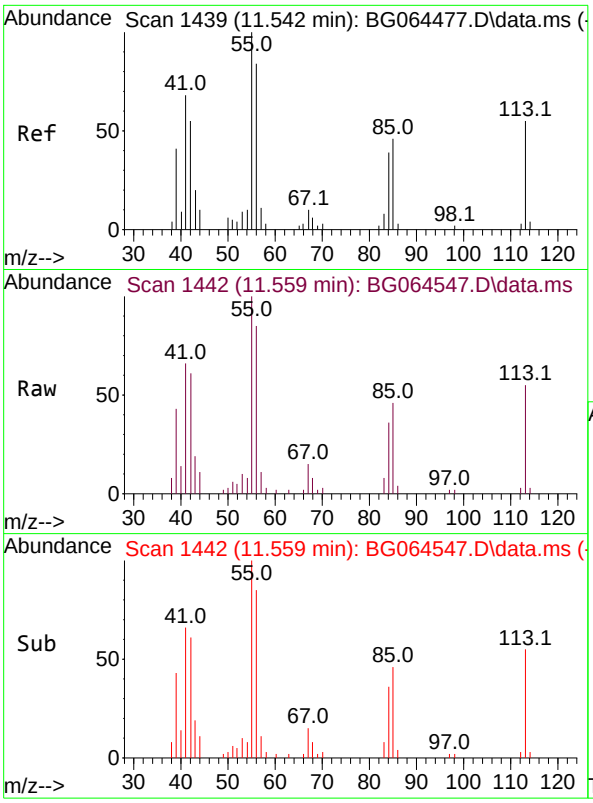


#34
Hexachlorobutadiene
Concen: 44.321 ng
RT: 10.942 min Scan# 1337
Delta R.T. -0.004 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:225 Resp: 39674

Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.0	73.6
227	65.2	49.9	74.9

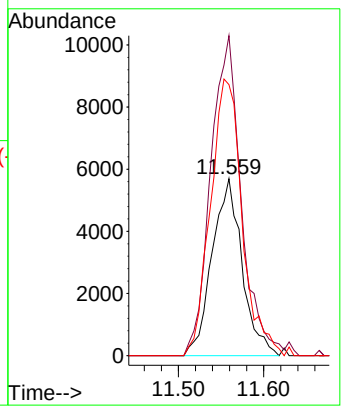




#35
Caprolactam
Concen: 42.243 ng
RT: 11.559 min Scan# 14
Delta R.T. 0.049 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:113 Resp: 1386

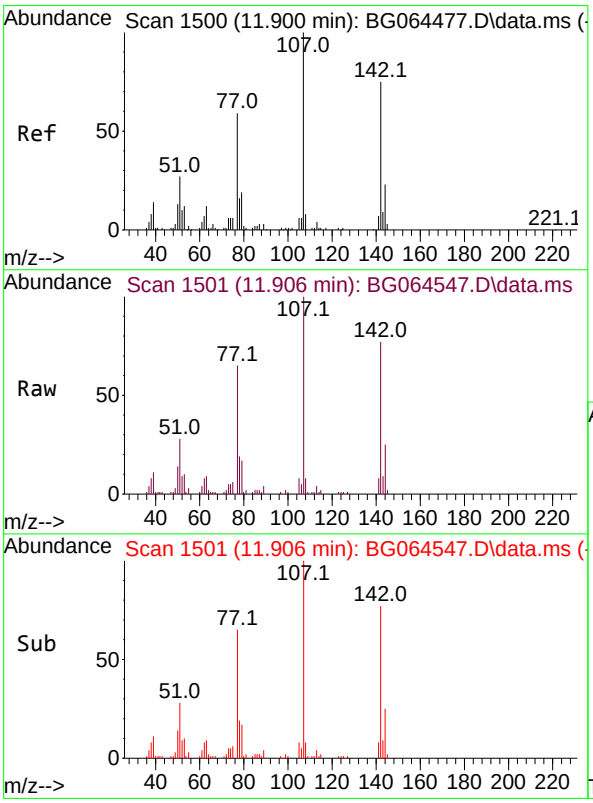
Ion	Ratio	Lower	Upper
113	100		
55	180.8	162.0	202.0
56	153.1	134.6	174.6



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

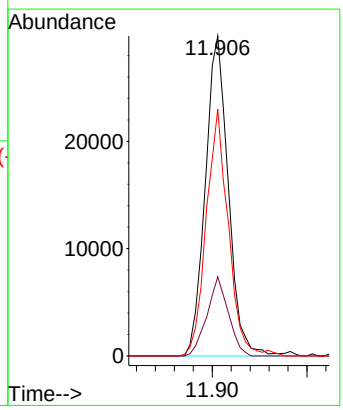
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

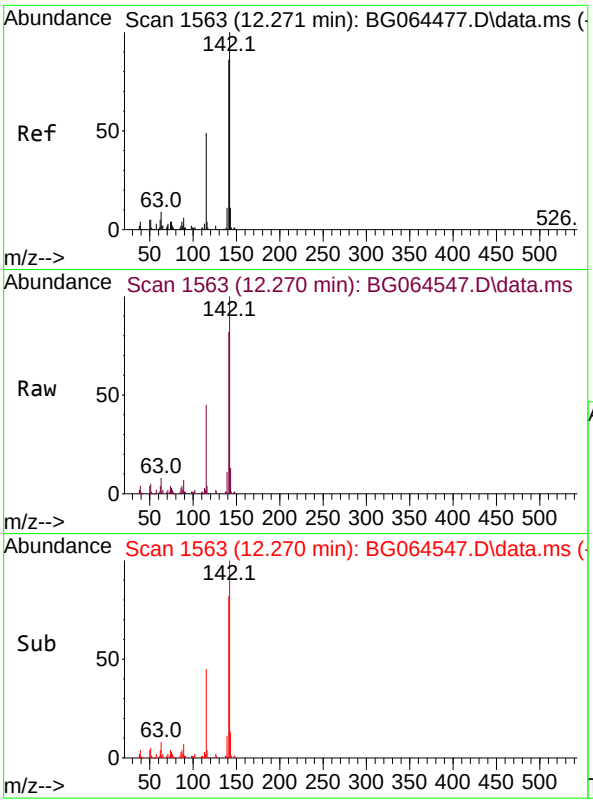


#36
4-Chloro-3-methylphenol
Concen: 43.097 ng
RT: 11.906 min Scan# 1501
Delta R.T. 0.014 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:107 Resp: 50241

Ion	Ratio	Lower	Upper
107	100		
144	24.7	18.7	28.1
142	77.1	60.2	90.2

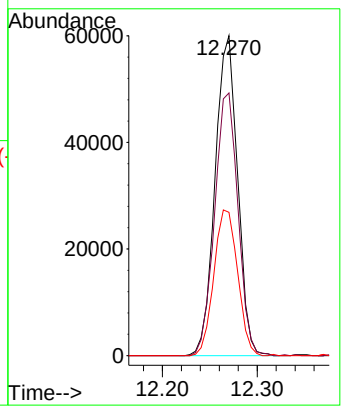




#37
2-Methylnaphthalene
Concen: 42.584 ng
RT: 12.270 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:142 Resp: 9897

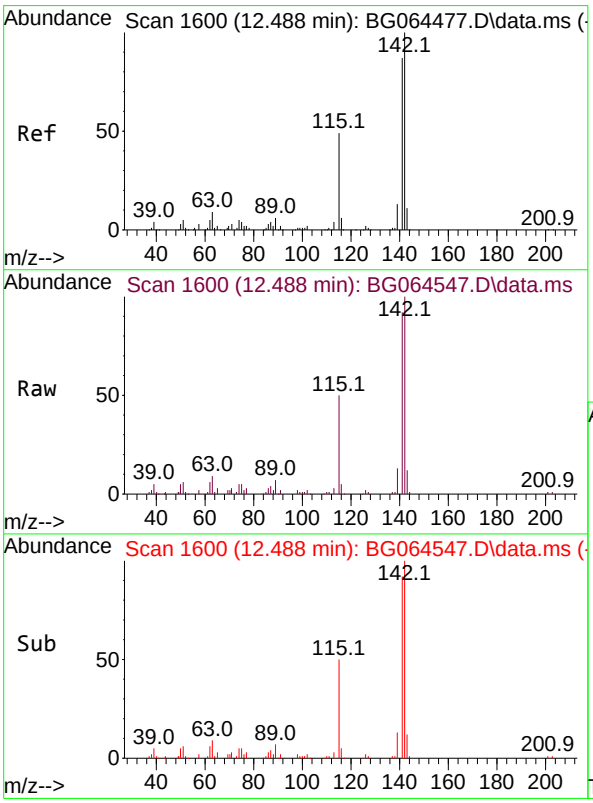
Ion	Ratio	Lower	Upper
142	100		
141	82.1	68.7	103.1
115	44.8	39.3	58.9



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

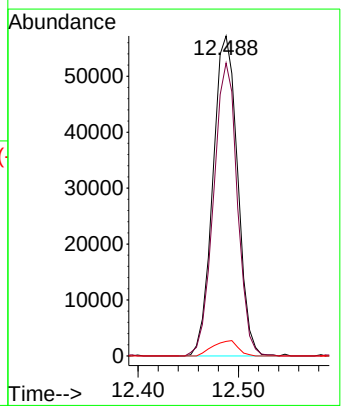
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

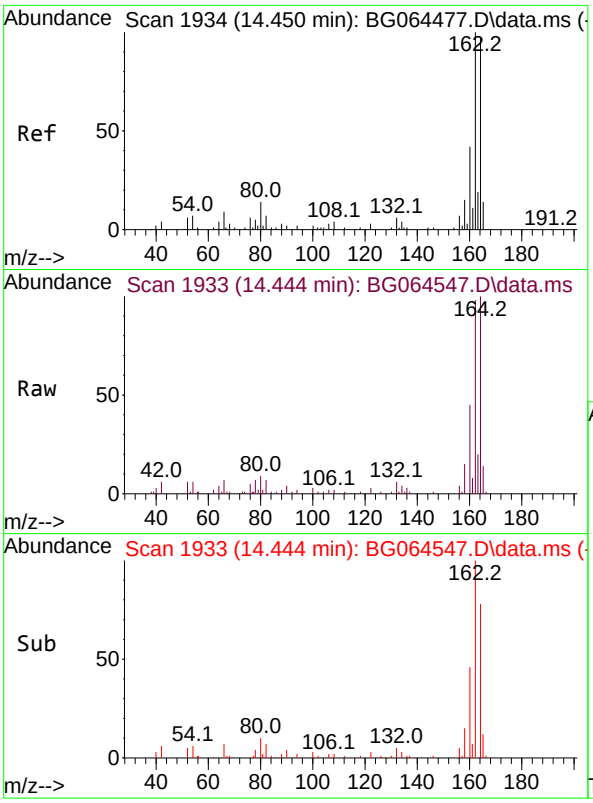


#38
1-Methylnaphthalene
Concen: 42.182 ng
RT: 12.488 min Scan# 1600
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:142 Resp: 97763

Ion	Ratio	Lower	Upper
142	100		
141	91.5	69.8	104.8
116	4.5	4.6	6.8#

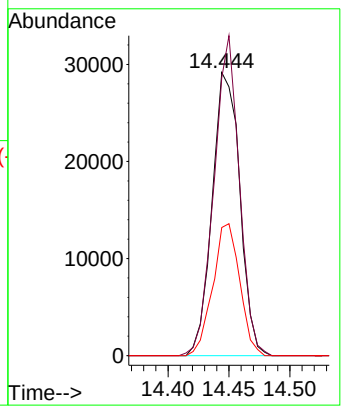




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.444 min Scan# 19
Delta R.T. -0.004 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:164 Resp: 4596

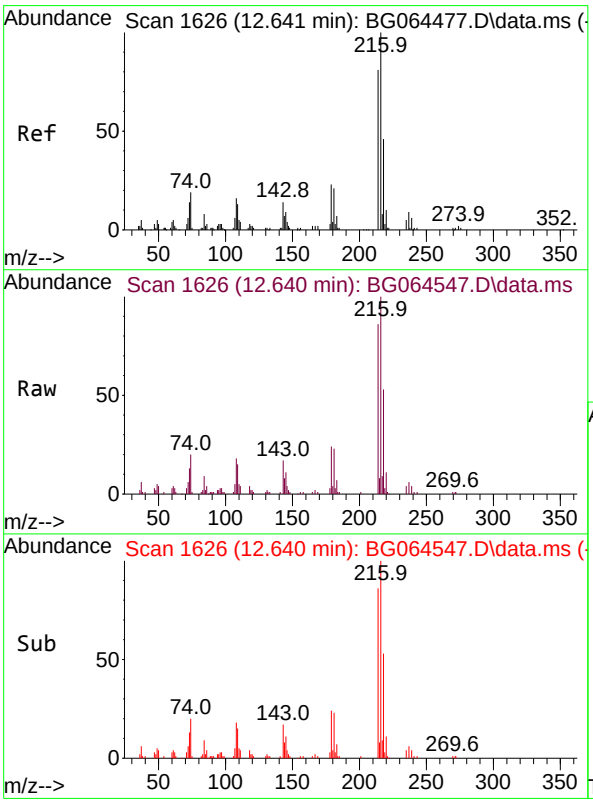
Ion	Ratio	Lower	Upper
164	100		
162	98.1	82.2	123.2
160	45.3	34.3	51.5



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

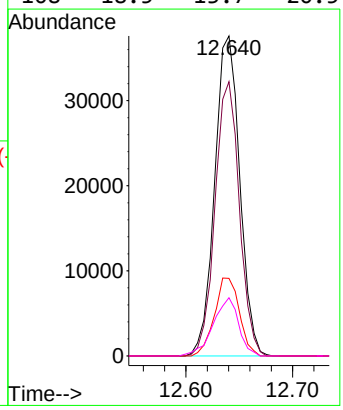
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

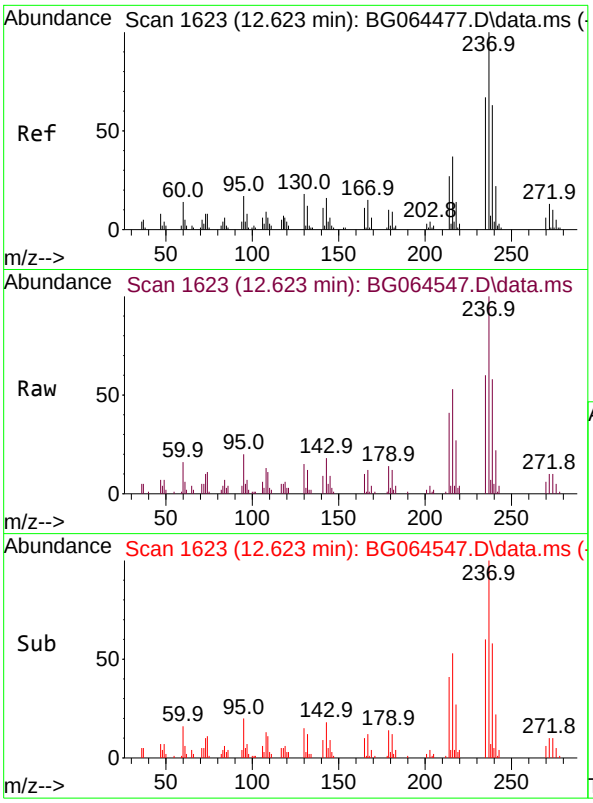


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.420 ng
RT: 12.640 min Scan# 1626
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:216 Resp: 61472

Ion	Ratio	Lower	Upper
216	100		
214	83.0	62.5	93.7
179	24.2	17.0	25.6
108	18.5	13.7	20.5

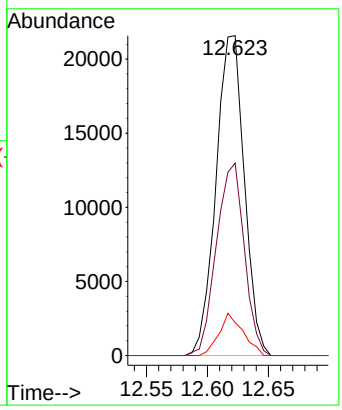




#41
Hexachlorocyclopentadiene
Concen: 45.006 ng
RT: 12.623 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:237 Resp: 3494

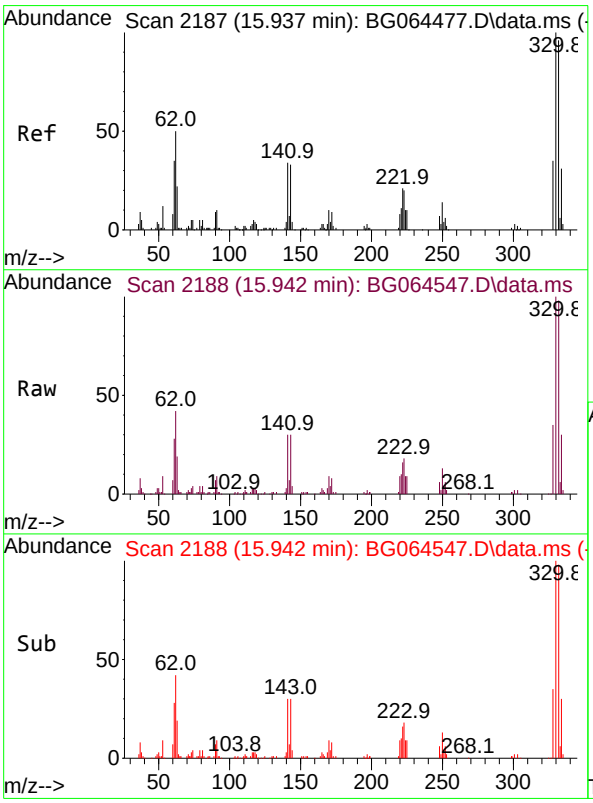
Ion	Ratio	Lower	Upper
237	100		
235	60.1	46.9	86.9
272	10.3	0.0	32.6



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

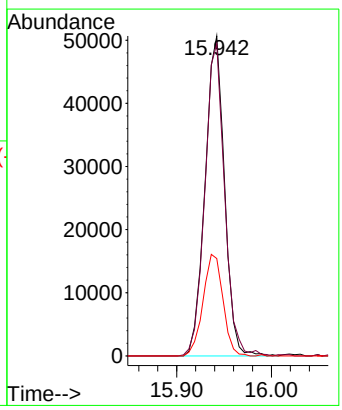
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

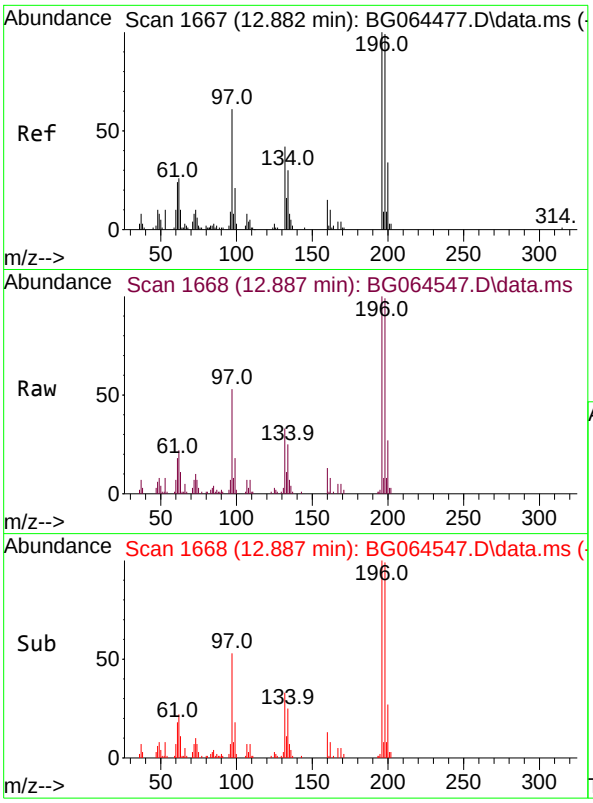


#42
2,4,6-Tribromophenol
Concen: 86.640 ng
RT: 15.942 min Scan# 2188
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:330 Resp: 72187

Ion	Ratio	Lower	Upper
330	100		
332	98.9	77.4	116.0
141	32.5	25.8	38.6

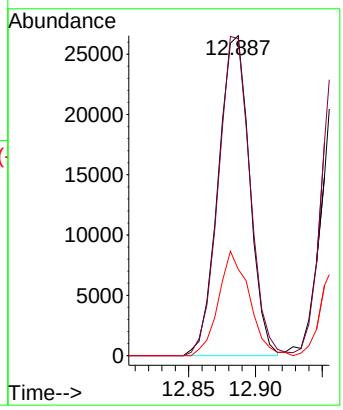




#43
2,4,6-Trichlorophenol
Concen: 45.612 ng m
RT: 12.887 min Scan# 1
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:196 Resp: 4327

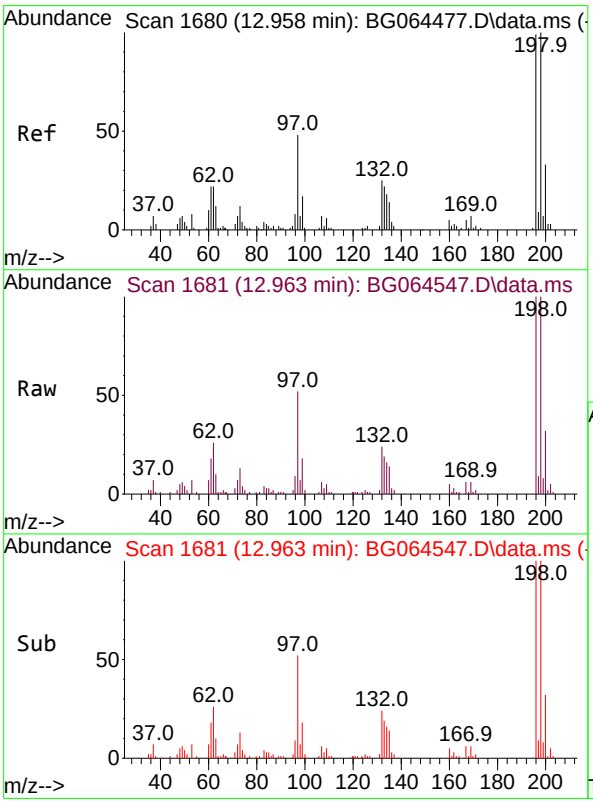
Ion	Ratio	Lower	Upper
196	100		
198	99.1	79.3	118.9
200	27.0	27.4	41.2



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

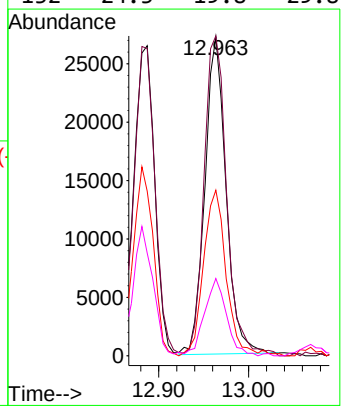
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

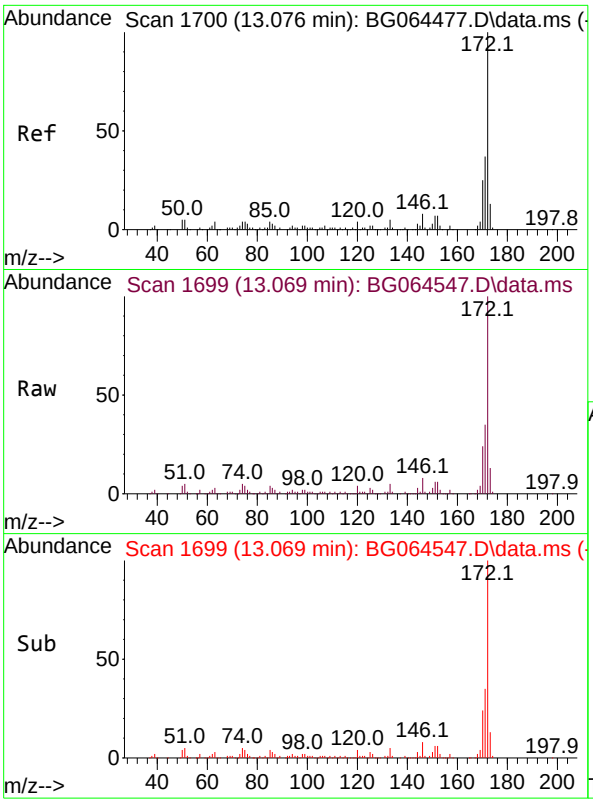


#44
2,4,5-Trichlorophenol
Concen: 42.137 ng
RT: 12.963 min Scan# 1681
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:196 Resp: 44631

Ion	Ratio	Lower	Upper
196	100		
198	100.4	80.3	120.5
97	52.0	39.4	59.0
132	24.3	19.8	29.8

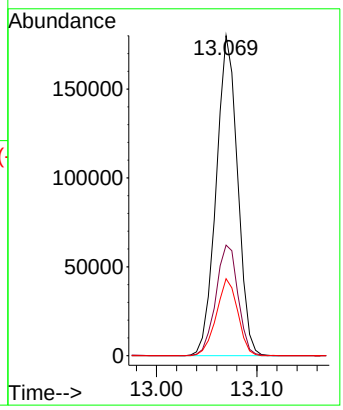




#45
2-Fluorobiphenyl
Concen: 85.677 ng
RT: 13.069 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:172 Resp: 26717

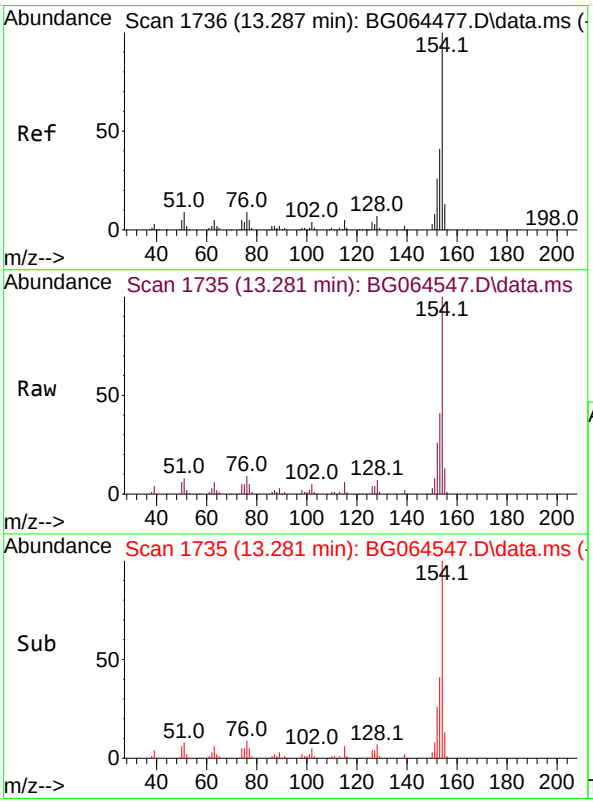
Ion	Ratio	Lower	Upper
172	100		
171	34.5	29.6	44.4
170	24.0	20.2	30.2



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

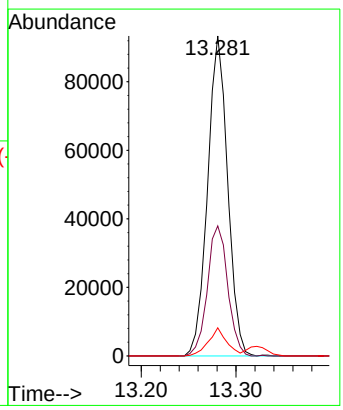
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

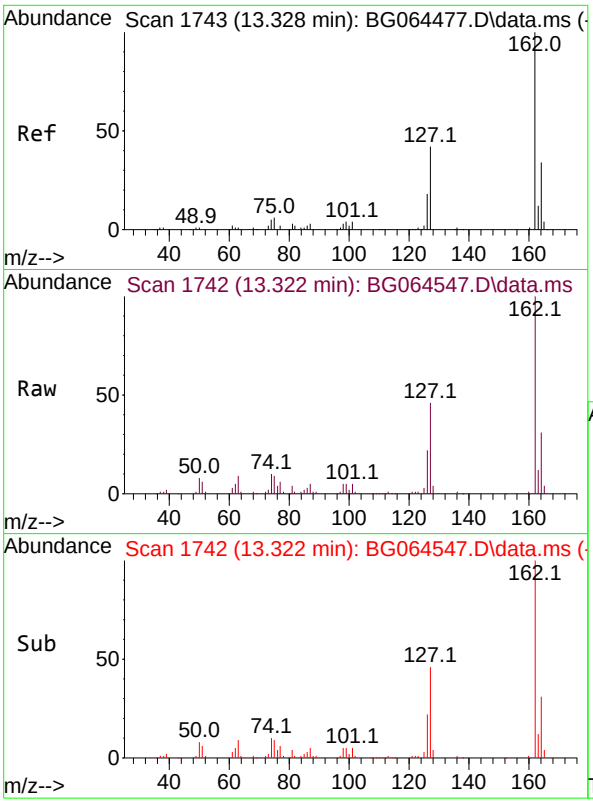


#46
1,1'-Biphenyl
Concen: 41.504 ng
RT: 13.281 min Scan# 1735
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:154 Resp: 137212

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.7	60.7
76	8.8	0.0	29.3

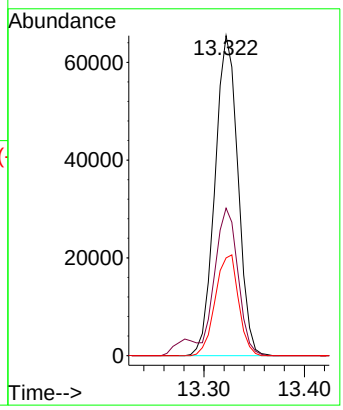




#47
2-Chloronaphthalene
Concen: 42.313 ng
RT: 13.322 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:162 Resp: 10444

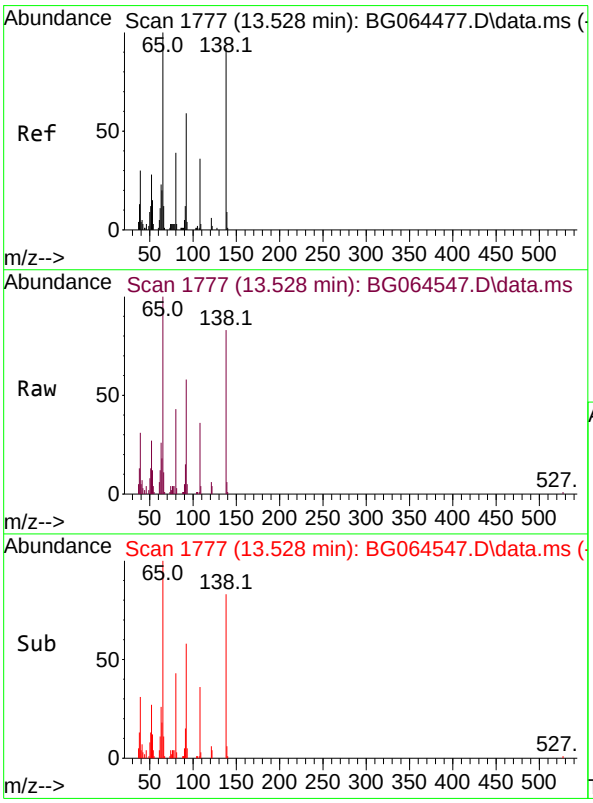
Ion	Ratio	Lower	Upper
162	100		
127	46.1	35.8	53.8
164	30.5	27.2	40.8



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

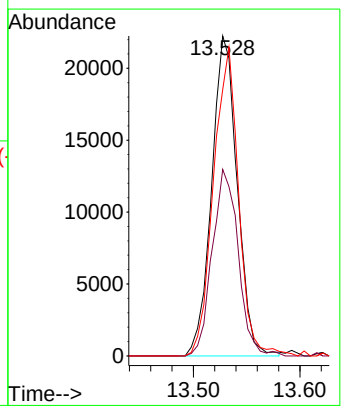
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

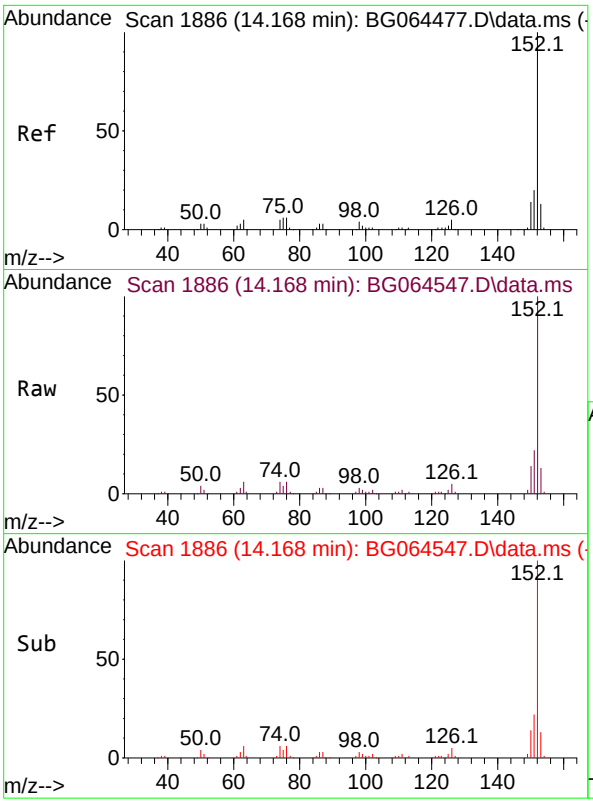


#48
2-Nitroaniline
Concen: 44.061 ng
RT: 13.528 min Scan# 1777
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion: 65 Resp: 37118

Ion	Ratio	Lower	Upper
65	100		
92	58.3	47.0	70.6
138	83.2	73.5	110.3

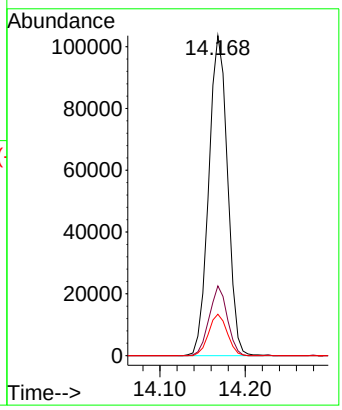




#49
Acenaphthylene
Concen: 43.163 ng
RT: 14.168 min Scan# 18
Delta R.T. -0.004 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:152 Resp: 15815

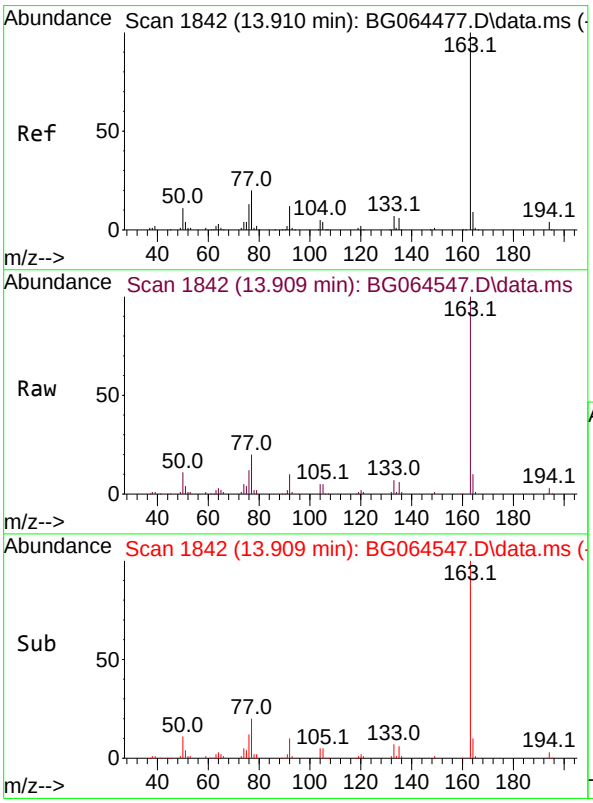
Ion	Ratio	Lower	Upper
152	100		
151	21.8	15.8	23.6
153	12.9	10.6	15.8



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

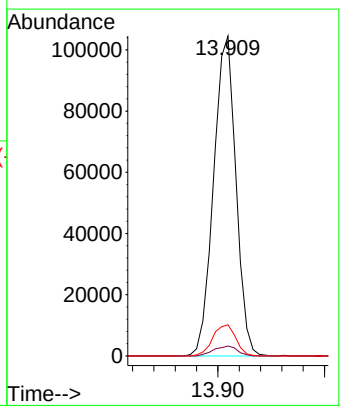
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

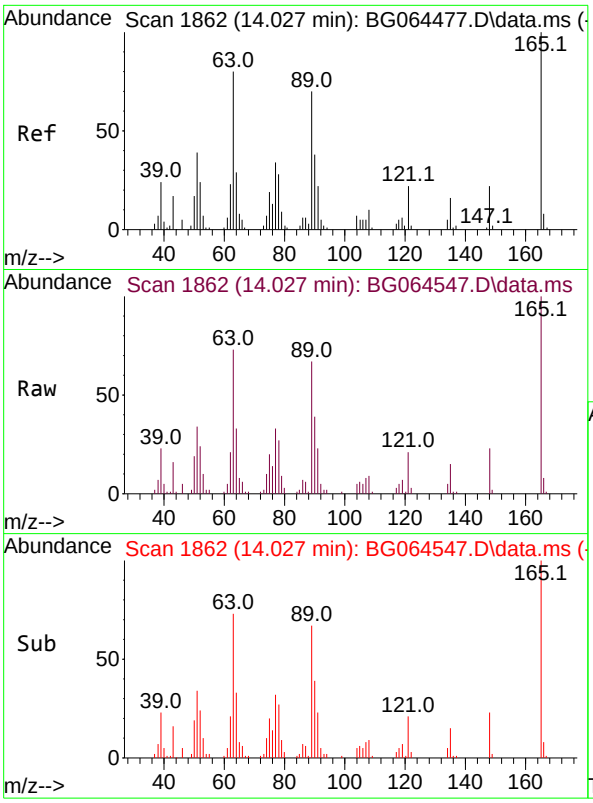


#50
Dimethylphthalate
Concen: 42.222 ng
RT: 13.909 min Scan# 1842
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:163 Resp: 152000

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.9	4.3
164	9.7	7.4	11.0

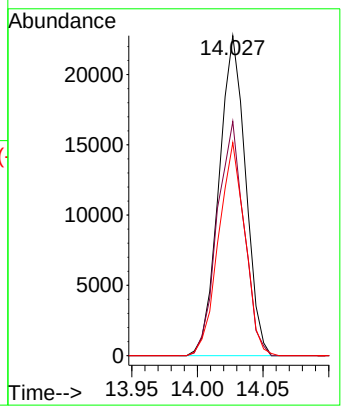




#51
2,6-Dinitrotoluene
Concen: 42.820 ng
RT: 14.027 min Scan# 18
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:165 Resp: 3211

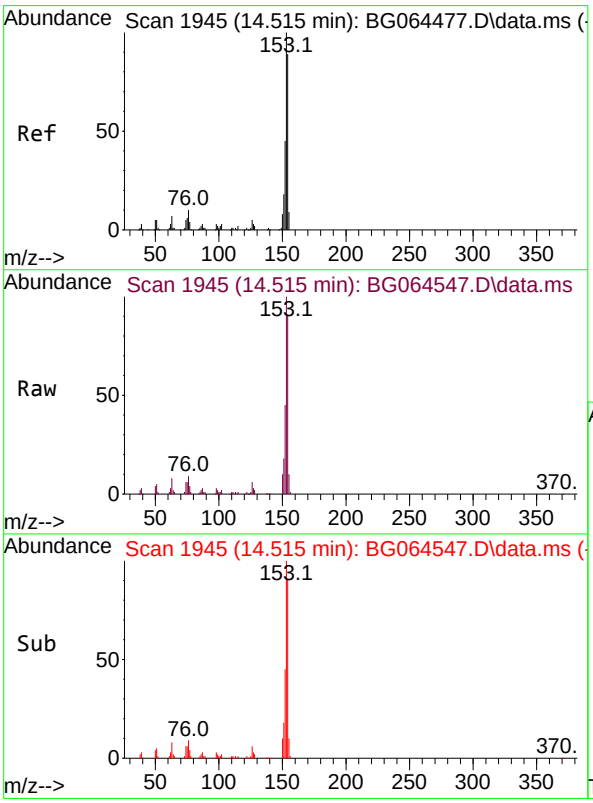
Ion	Ratio	Lower	Upper
165	100		
63	73.2	63.9	95.9
89	66.6	56.1	84.1



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

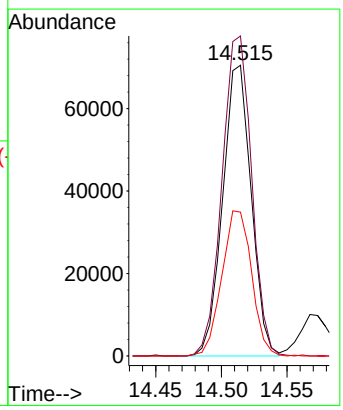
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

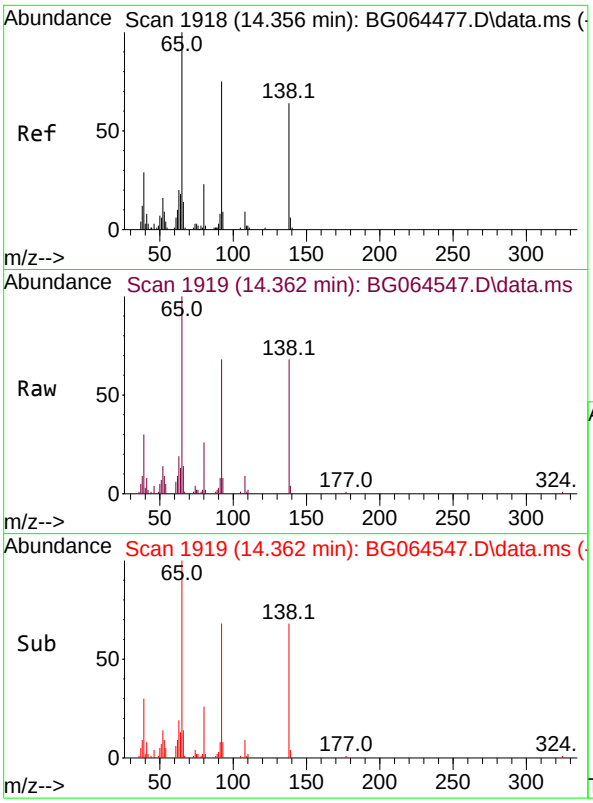


#52
Acenaphthene
Concen: 41.898 ng
RT: 14.515 min Scan# 1945
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:154 Resp: 106658

Ion	Ratio	Lower	Upper
154	100		
153	110.1	90.2	135.4
152	49.5	40.2	60.4





#53
3-Nitroaniline
Concen: 41.972 ng
RT: 14.362 min Scan# 19
Delta R.T. 0.014 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

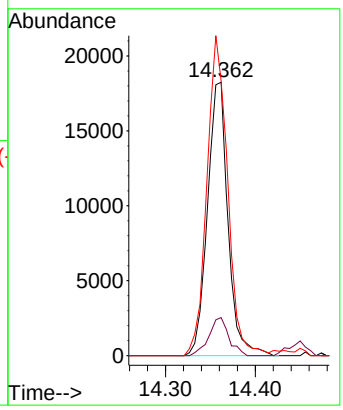
Tgt Ion:138 Resp: 2902

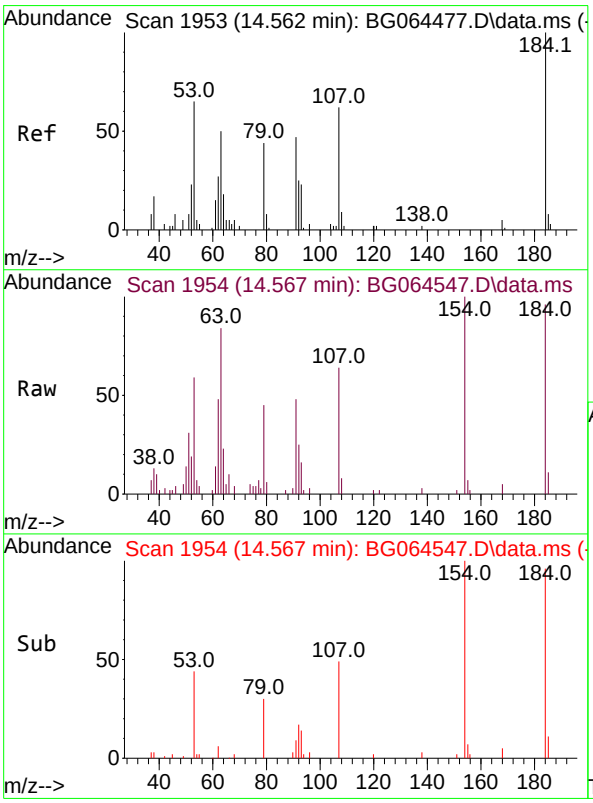
Ion	Ratio	Lower	Upper
138	100		
108	13.9	10.6	15.8
92	100.5	93.2	139.8

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

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Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

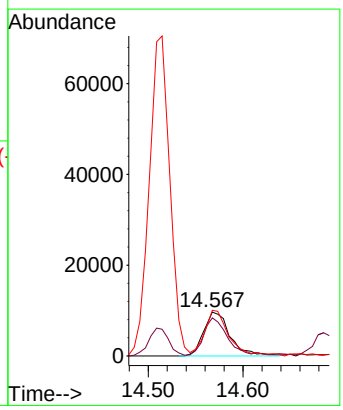


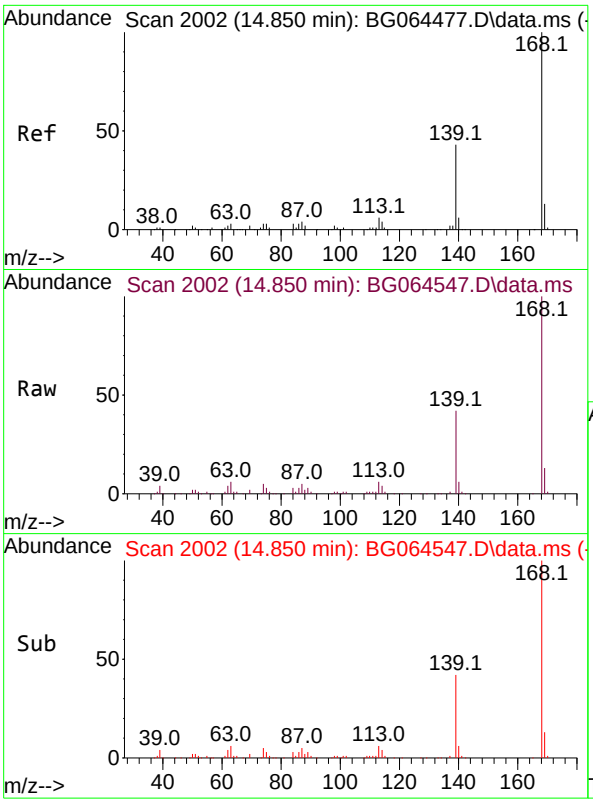


#54
2,4-Dinitrophenol
Concen: 33.990 ng
RT: 14.567 min Scan# 1954
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:184 Resp: 18483

Ion	Ratio	Lower	Upper
184	100		
63	87.0	69.0	103.4
154	104.0	95.6	143.4

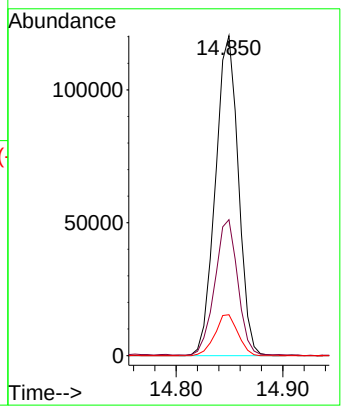




#55
Dibenzofuran
Concen: 42.794 ng
RT: 14.850 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:168 Resp: 17987

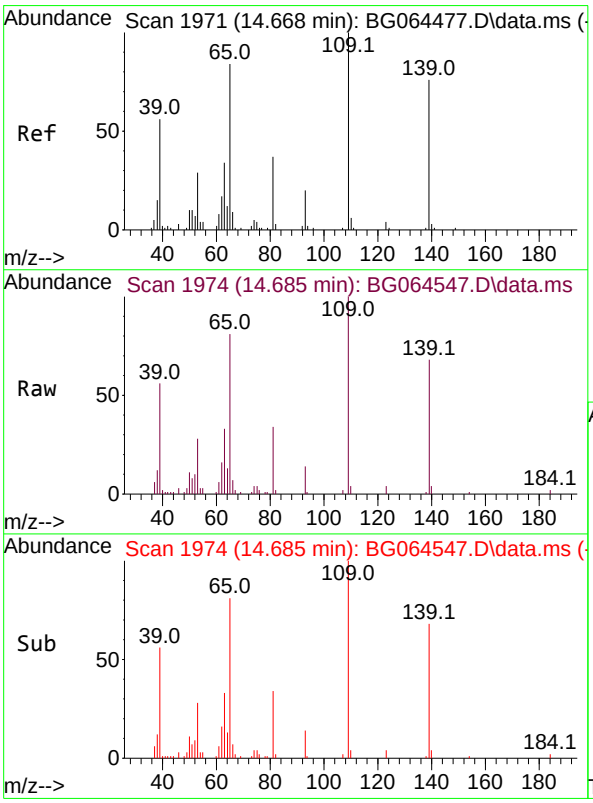
Ion	Ratio	Lower	Upper
168	100		
139	42.5	34.0	51.0
169	12.8	10.2	15.2



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
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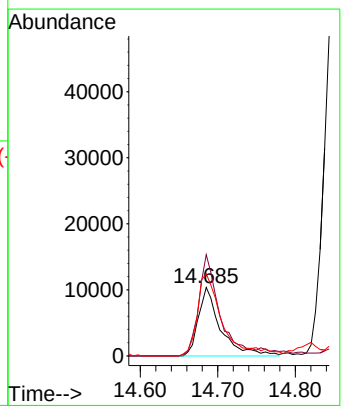
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

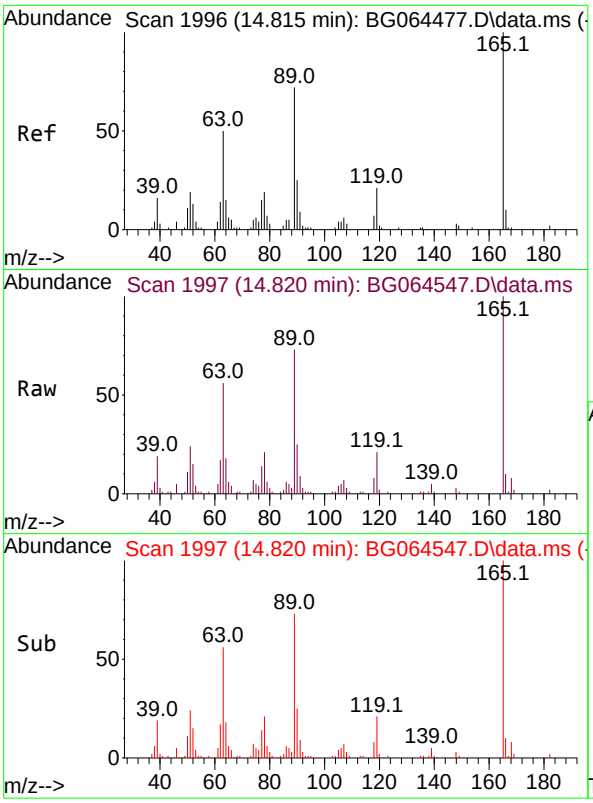


#56
4-Nitrophenol
Concen: 37.784 ng
RT: 14.685 min Scan# 1974
Delta R.T. 0.020 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:139 Resp: 20574

Ion	Ratio	Lower	Upper
139	100		
109	148.0	111.8	151.8
65	120.2	91.1	131.1

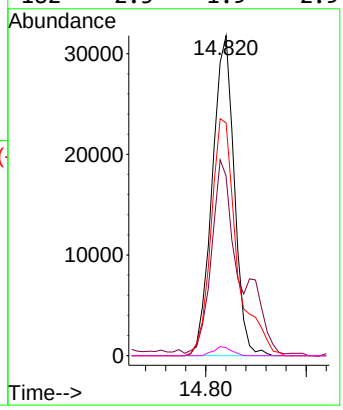




#57
2,4-Dinitrotoluene
Concen: 42.271 ng
RT: 14.820 min Scan# 19
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:165 Resp: 4845

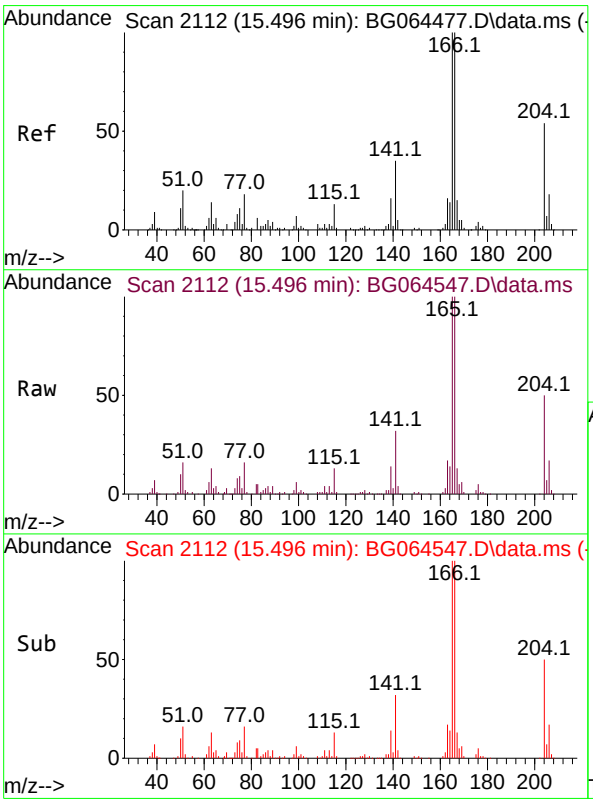
Ion	Ratio	Lower	Upper
165	100		
63	56.1	40.4	60.6
89	72.7	57.3	85.9
182	2.5	1.9	2.9



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

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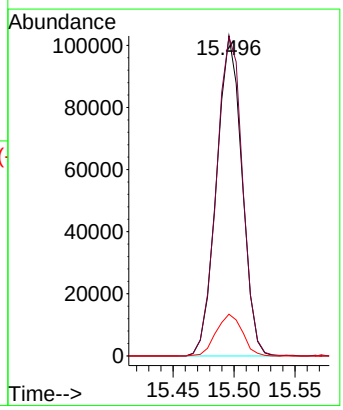
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

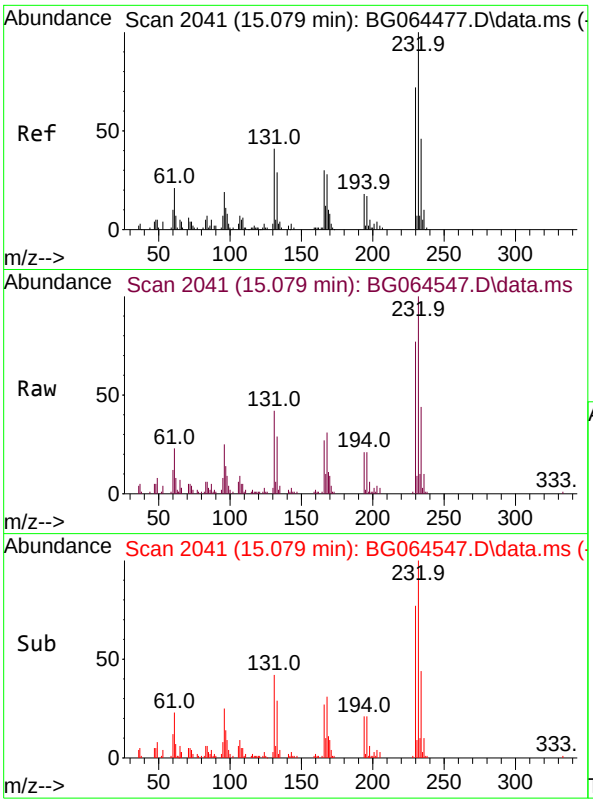


#58
Fluorene
Concen: 42.692 ng
RT: 15.496 min Scan# 2112
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:166 Resp: 149180

Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.8	119.6
167	13.0	11.7	17.5

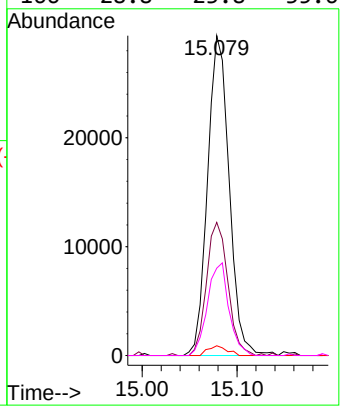




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.129 ng
RT: 15.079 min Scan# 20
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:232 Resp: 4662

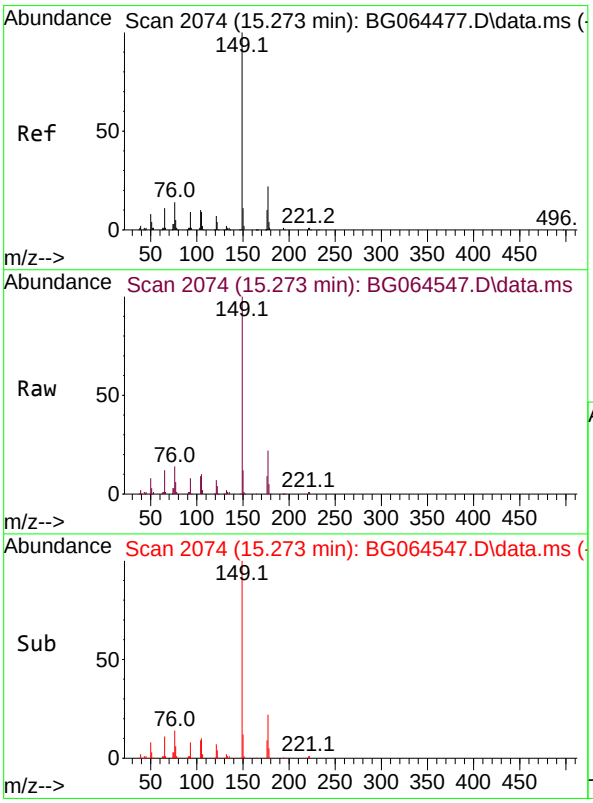
Ion	Ratio	Lower	Upper
232	100		
131	41.3	35.0	52.4
130	2.7	2.0	3.0
166	28.8	23.8	35.6



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
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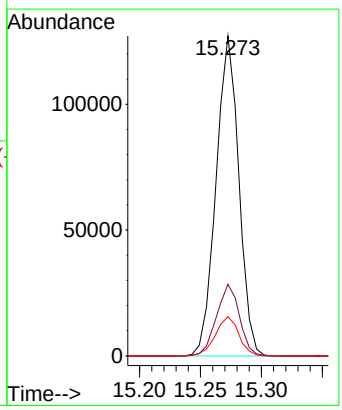
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

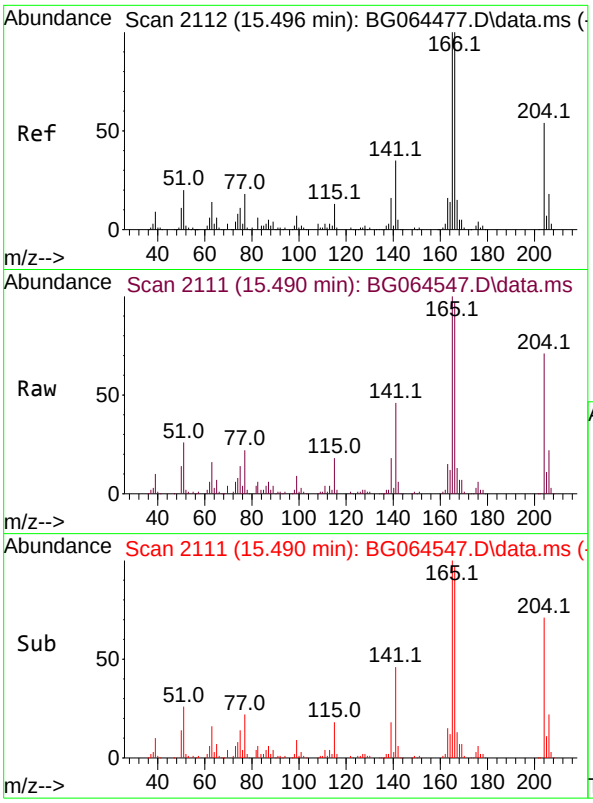


#60
Diethylphthalate
Concen: 42.669 ng
RT: 15.273 min Scan# 2074
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:149 Resp: 164785

Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.4	26.0
150	12.3	9.1	13.7

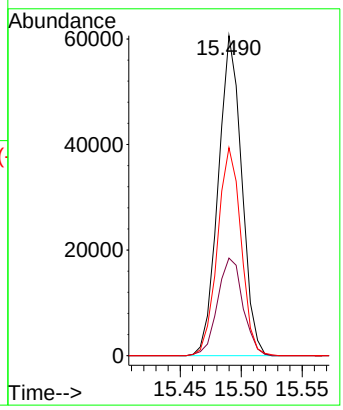




#61
4-Chlorophenyl-phenylether
Concen: 42.549 ng
RT: 15.490 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:204 Resp: 8117

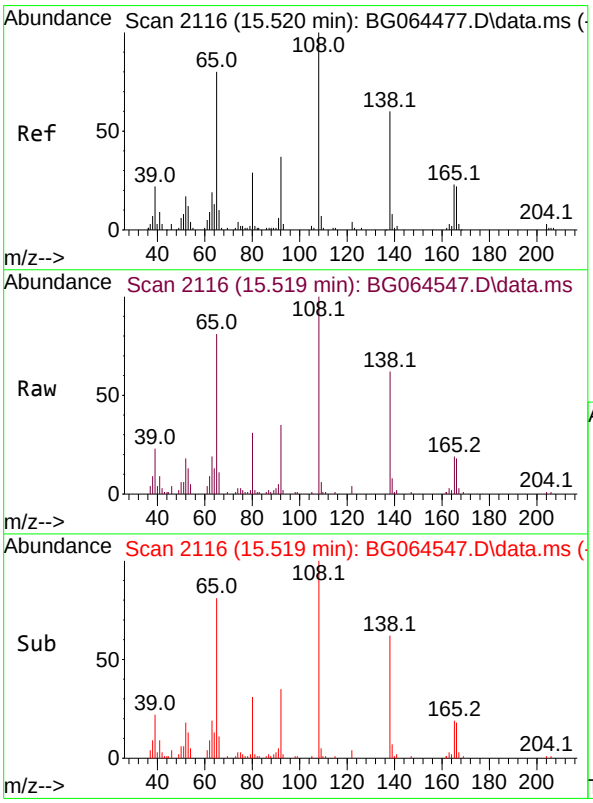
Ion	Ratio	Lower	Upper
204	100		
206	30.5	27.1	40.7
141	65.0	51.5	77.3



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
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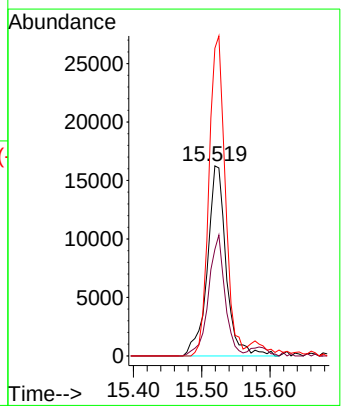
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

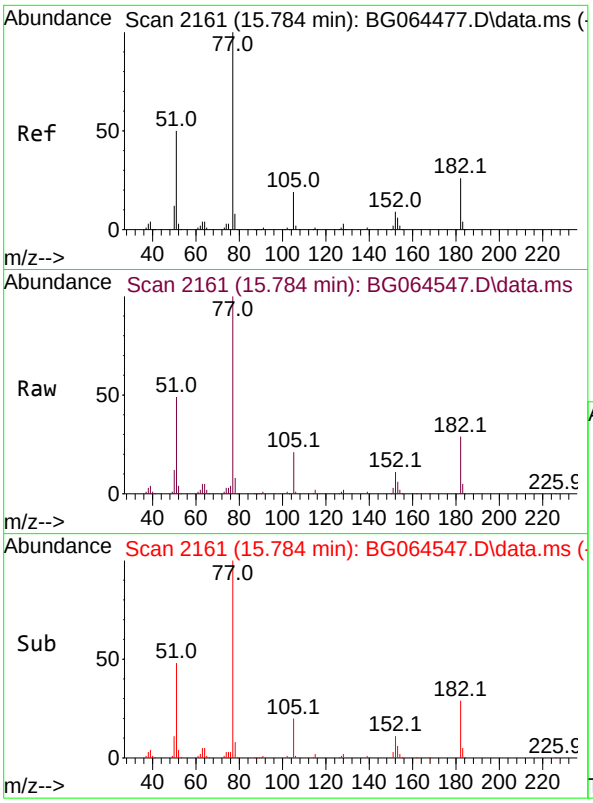


#62
4-Nitroaniline
Concen: 43.111 ng
RT: 15.519 min Scan# 2116
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:138 Resp: 31076

Ion	Ratio	Lower	Upper
138	100		
92	56.0	42.3	82.3
108	161.8	147.7	187.7

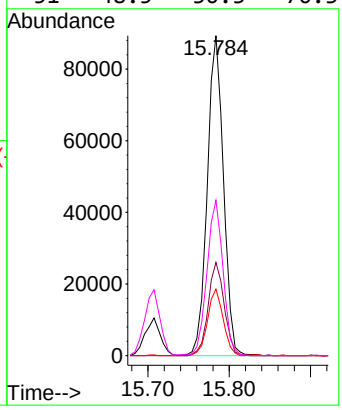




#63
Azobenzene
Concen: 41.425 ng
RT: 15.784 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion: 77 Resp: 123898

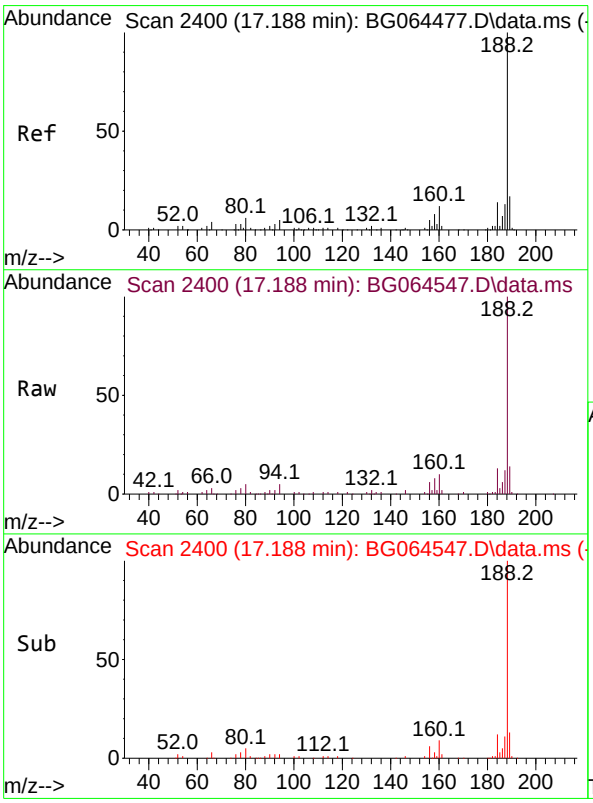
Ion	Ratio	Lower	Upper
77	100		
182	29.1	6.3	46.3
105	20.8	0.0	38.7
51	48.5	30.3	70.3



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
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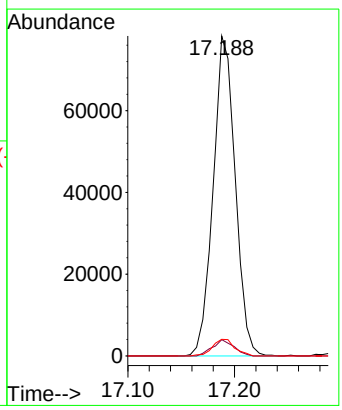
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

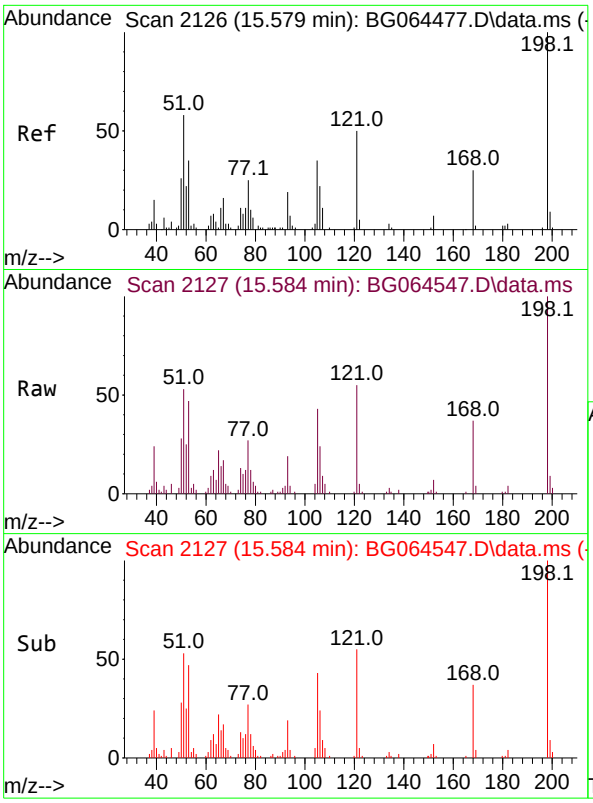


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.188 min Scan# 2400
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:188 Resp: 112639

Ion	Ratio	Lower	Upper
188	100		
94	5.1	3.7	5.5
80	5.2	4.5	6.7





#65
4,6-Dinitro-2-methylphenol
Concen: 41.746 ng
RT: 15.584 min Scan# 21
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

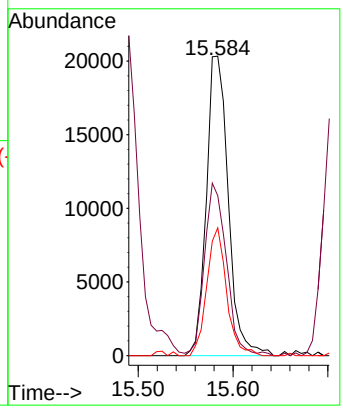
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

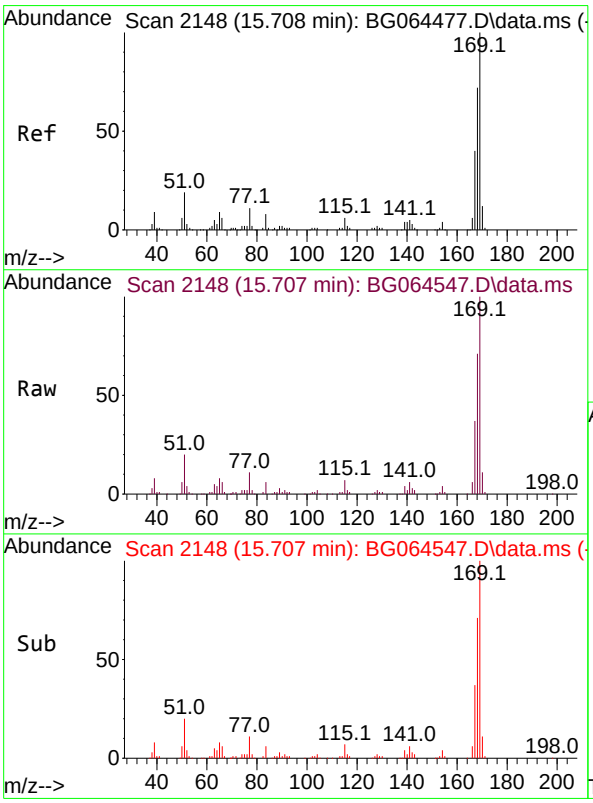
Tgt Ion:198 Resp: 3274

Ion	Ratio	Lower	Upper
198	100		
51	53.4	39.0	79.0
105	42.6	15.8	55.8

Manual Integrations
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Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

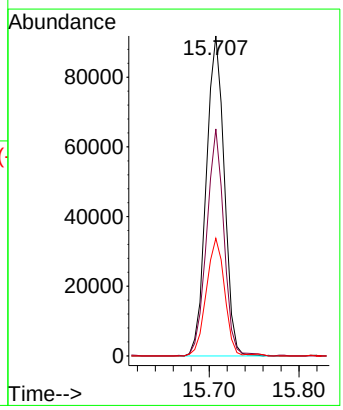


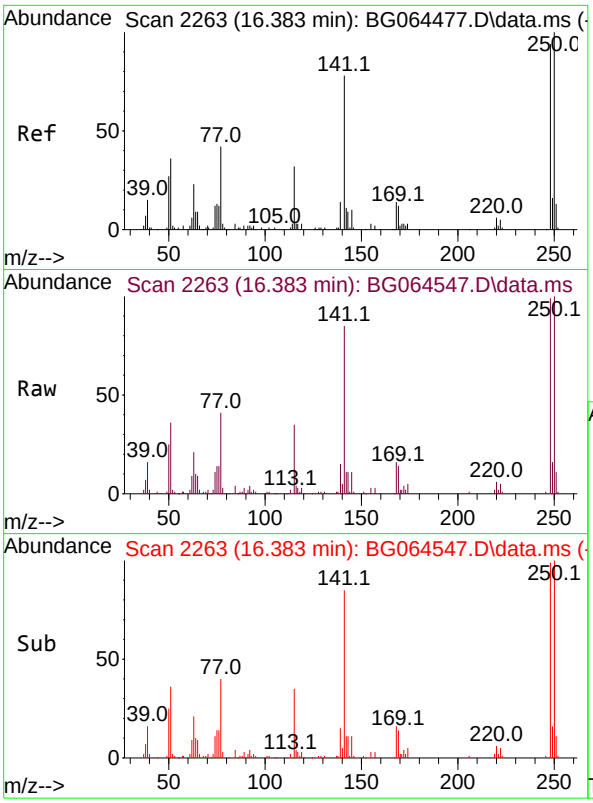


#66
n-Nitrosodiphenylamine
Concen: 42.507 ng
RT: 15.707 min Scan# 2148
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:169 Resp: 127857

Ion	Ratio	Lower	Upper
169	100		
168	70.9	57.8	86.6
167	36.7	31.7	47.5

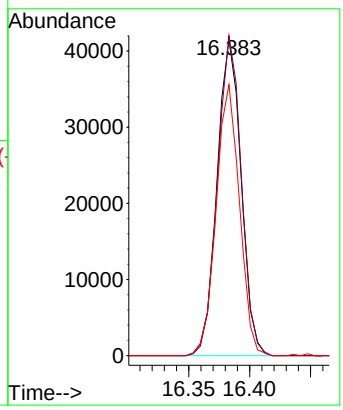




#67
4-Bromophenyl-phenylether
Concen: 43.046 ng
RT: 16.383 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:248 Resp: 5705

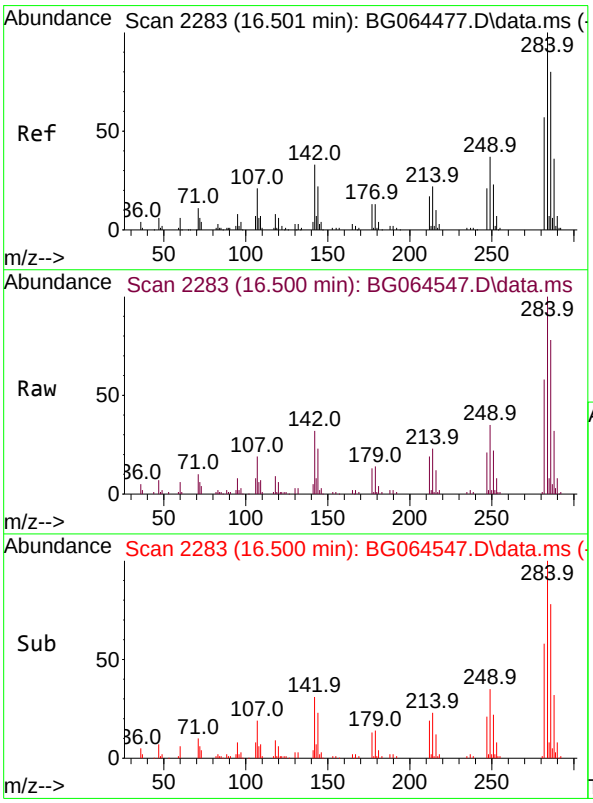
Ion	Ratio	Lower	Upper
248	100		
250	101.3	85.3	127.9
141	85.8	66.2	99.2



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
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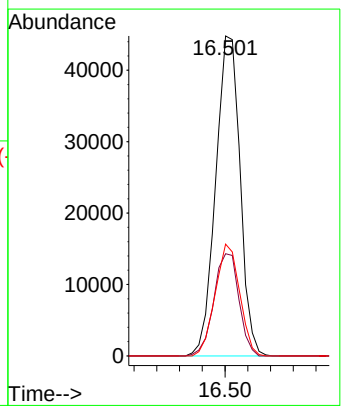
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

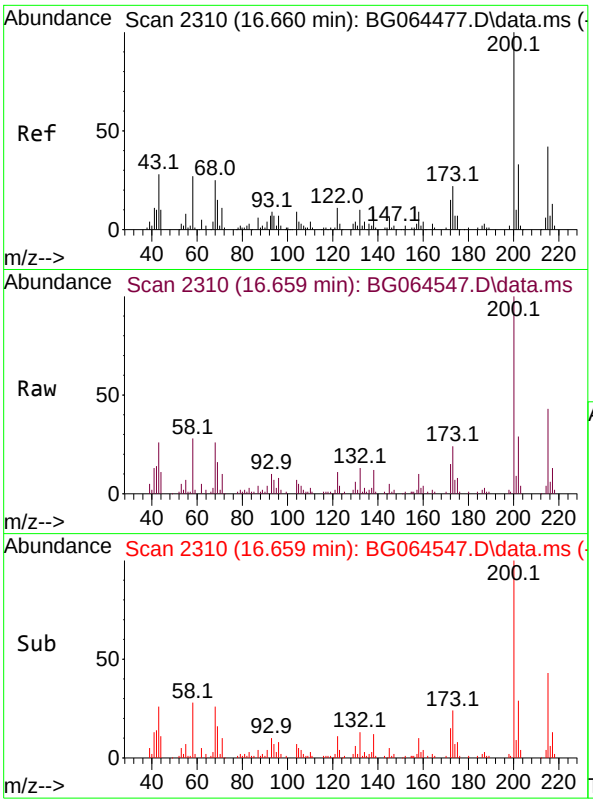


#68
Hexachlorobenzene
Concen: 43.997 ng
RT: 16.500 min Scan# 2283
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:284 Resp: 66733

Ion	Ratio	Lower	Upper
284	100		
142	31.9	26.2	39.2
249	34.9	29.4	44.0

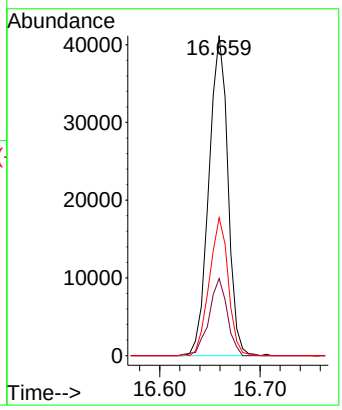




#69
Atrazine
Concen: 40.416 ng
RT: 16.659 min Scan# 2
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:200 Resp: 5408

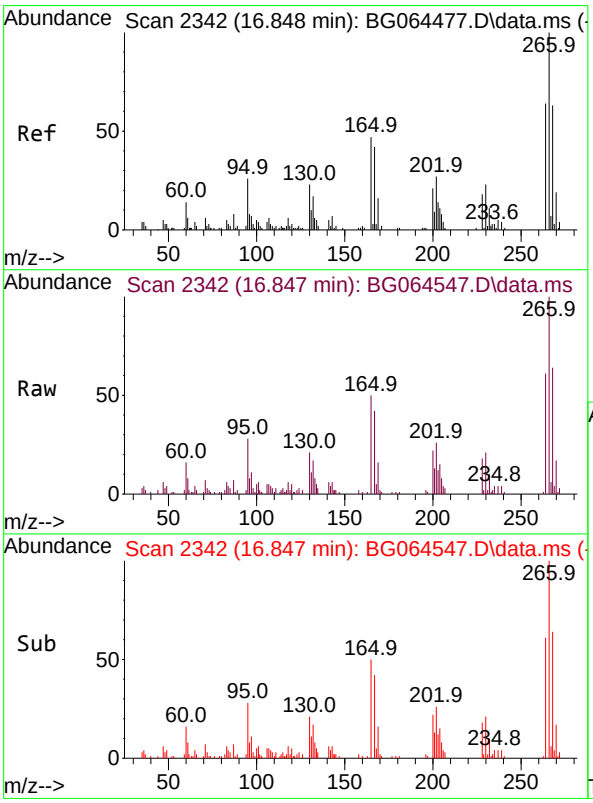
Ion	Ratio	Lower	Upper
200	100		
173	24.1	2.5	42.5
215	43.1	21.5	61.5



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

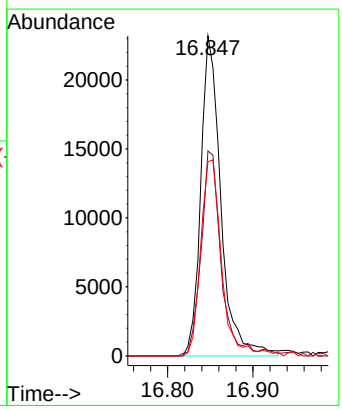
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

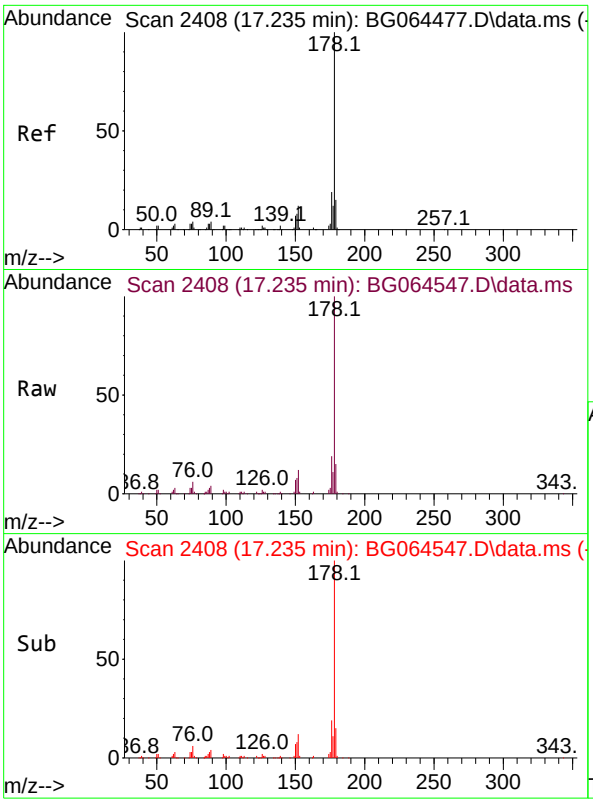


#70
Pentachlorophenol
Concen: 42.817 ng
RT: 16.847 min Scan# 2342
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:266 Resp: 37971

Ion	Ratio	Lower	Upper
266	100		
268	64.0	50.6	75.8
264	60.7	51.2	76.8

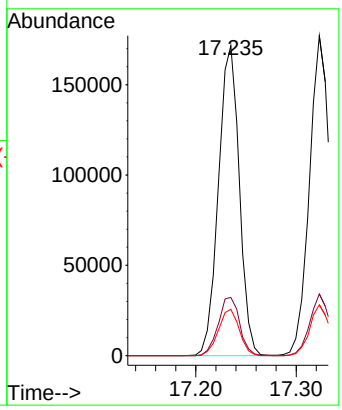




#71
Phenanthrene
Concen: 42.087 ng
RT: 17.235 min Scan# 24
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:178 Resp: 24791

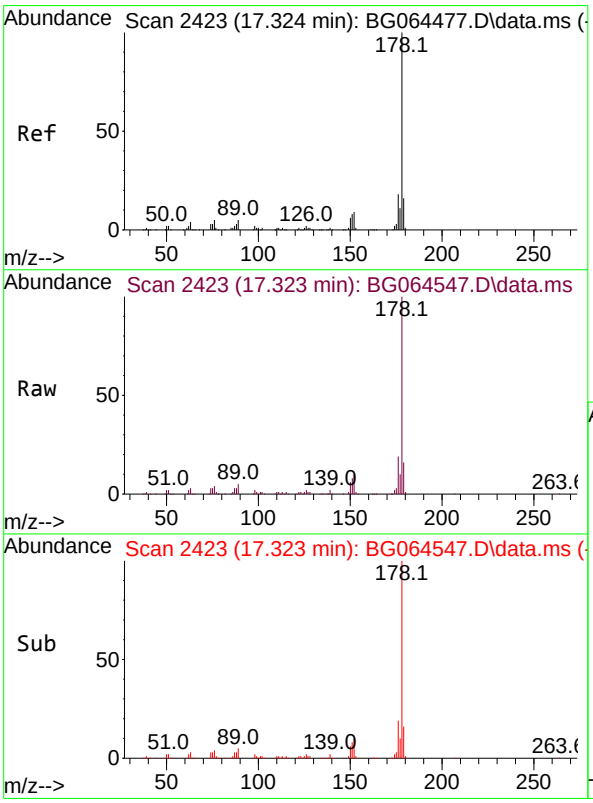
Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.2	22.8
179	14.9	11.8	17.6



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

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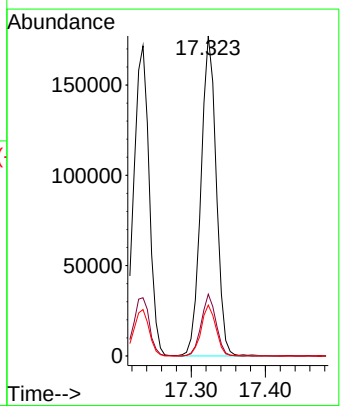
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

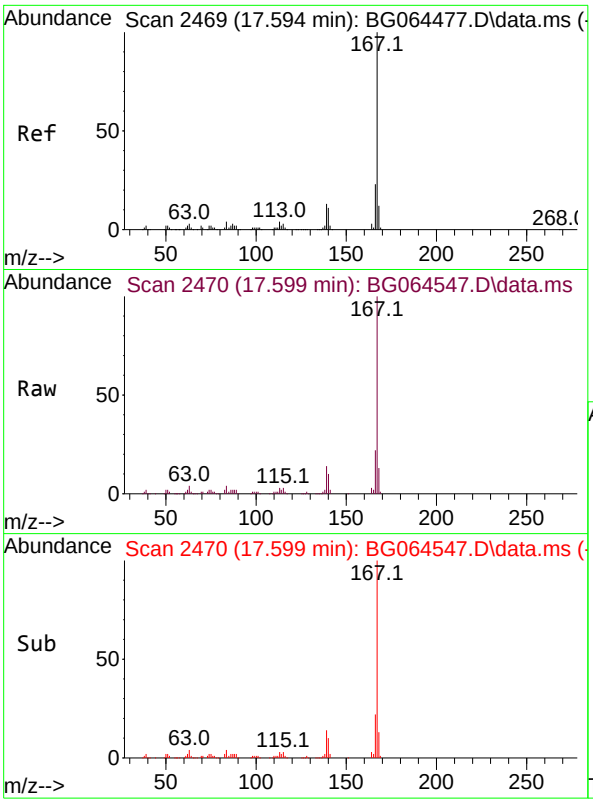


#72
Anthracene
Concen: 43.067 ng
RT: 17.323 min Scan# 2423
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:178 Resp: 254501

Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.6	21.8
179	15.9	12.5	18.7

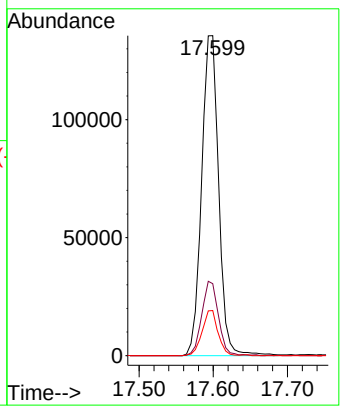




#73
Carbazole
Concen: 42.326 ng
RT: 17.599 min Scan# 24
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:167 Resp: 216198

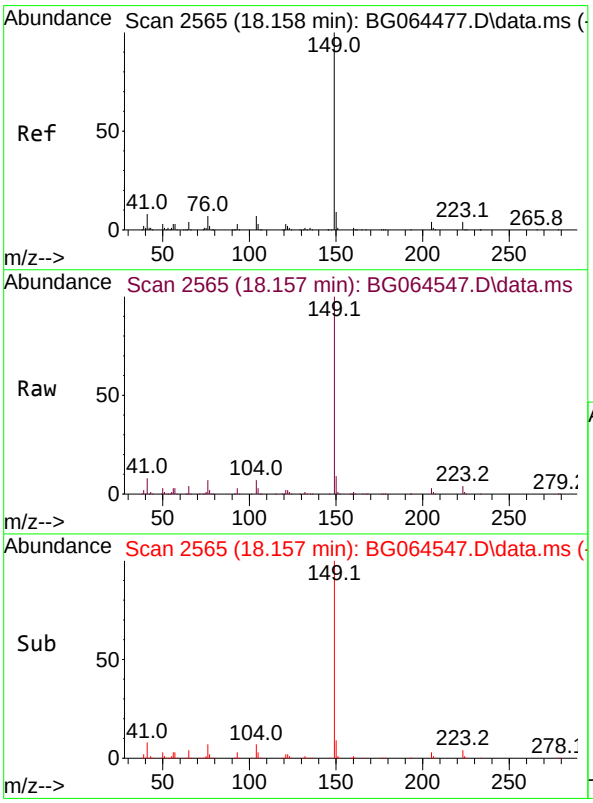
Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.6	27.8
139	14.1	10.2	15.4



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

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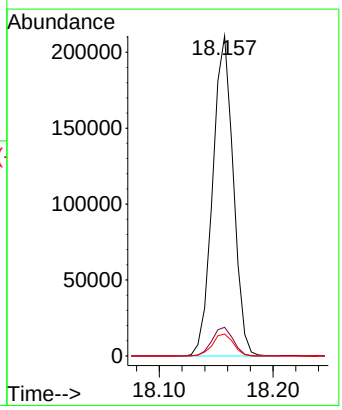
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

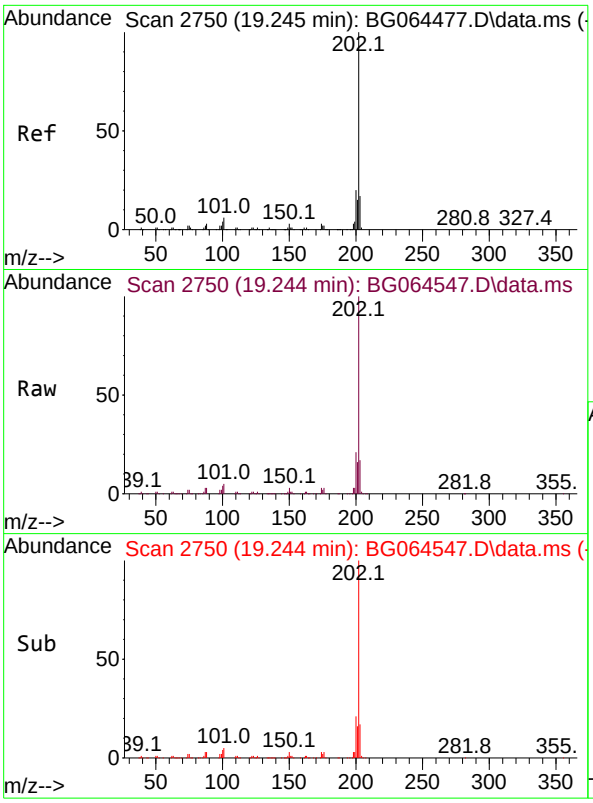


#74
Di-n-butylphthalate
Concen: 42.433 ng
RT: 18.157 min Scan# 2565
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:149 Resp: 264589

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.4	11.2
104	6.8	5.3	7.9

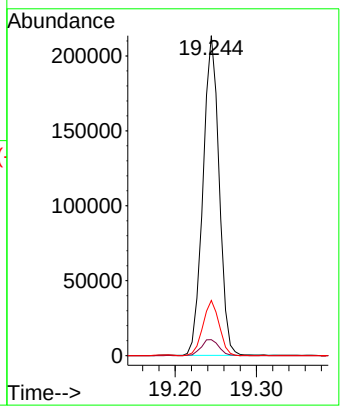




#75
Fluoranthene
Concen: 41.884 ng
RT: 19.244 min Scan# 2
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:202 Resp: 29474

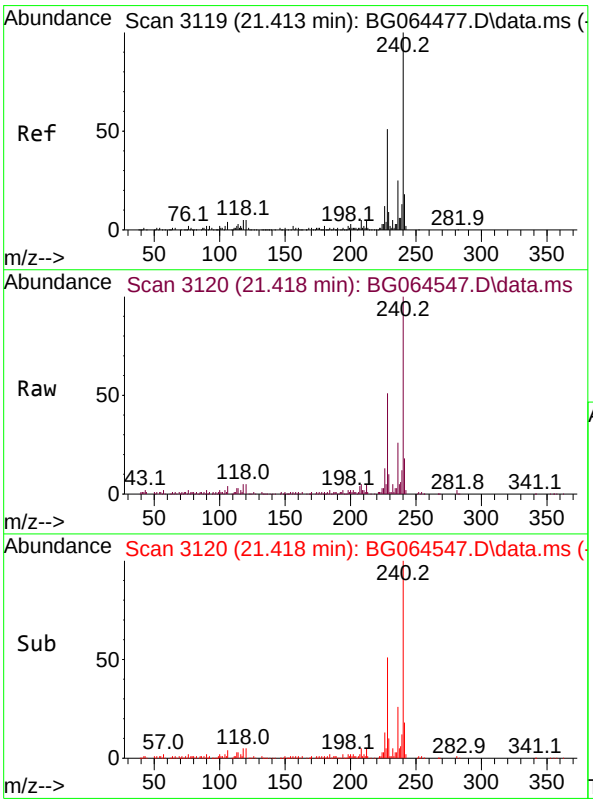
Ion	Ratio	Lower	Upper
202	100		
101	5.0	0.0	25.7
203	17.2	0.0	36.6



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
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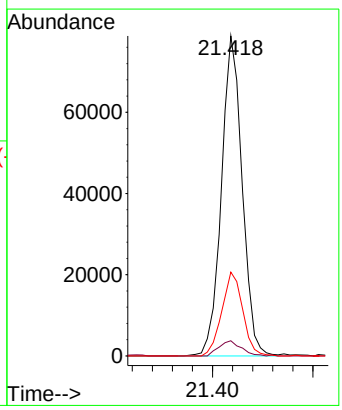
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

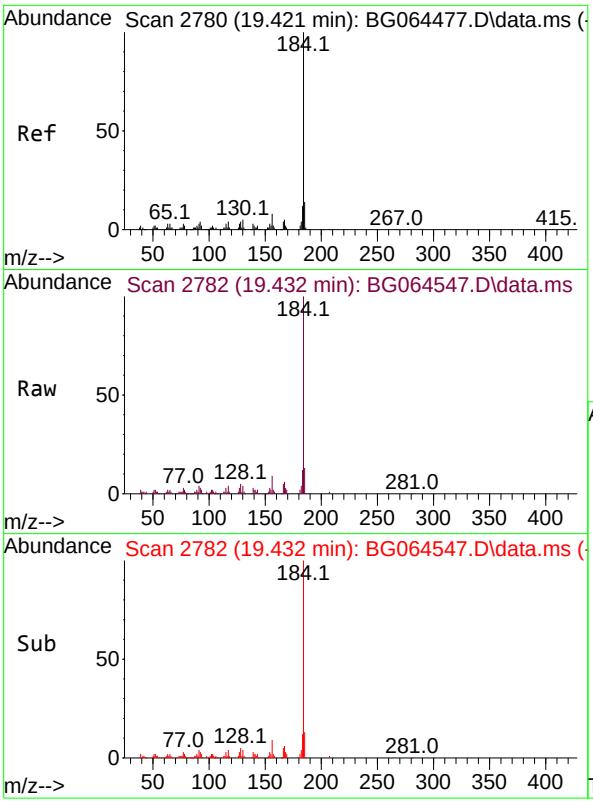


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.418 min Scan# 3120
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:240 Resp: 113403

Ion	Ratio	Lower	Upper
240	100		
120	4.7	4.3	6.5
236	26.2	20.4	30.6

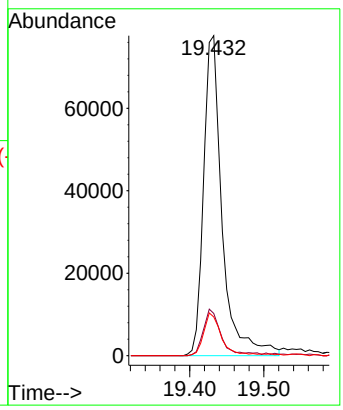




#77
Benzidine
Concen: 47.695 ng
RT: 19.432 min Scan# 2
Delta R.T. 0.007 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:184 Resp: 13458

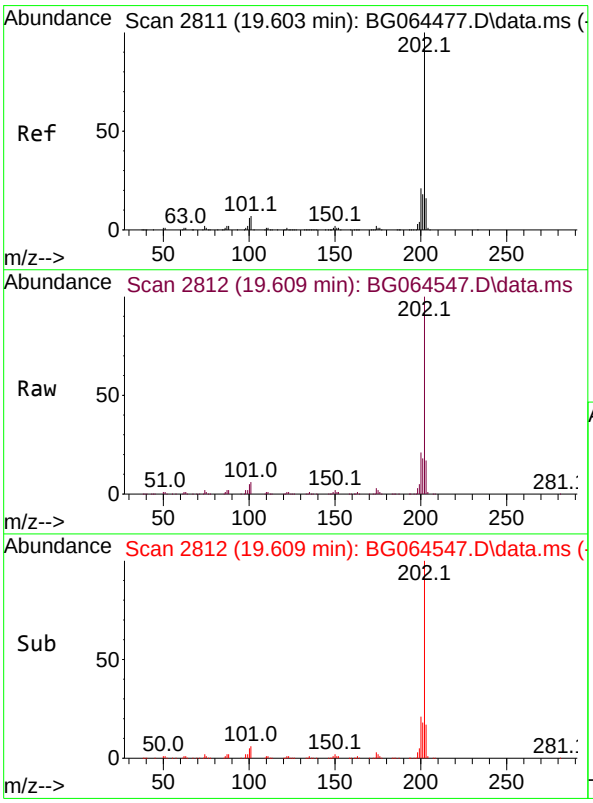
Ion	Ratio	Lower	Upper
184	100		
185	13.2	10.9	16.3
183	12.1	9.8	14.6



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
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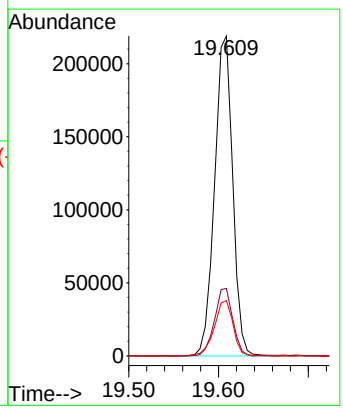
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

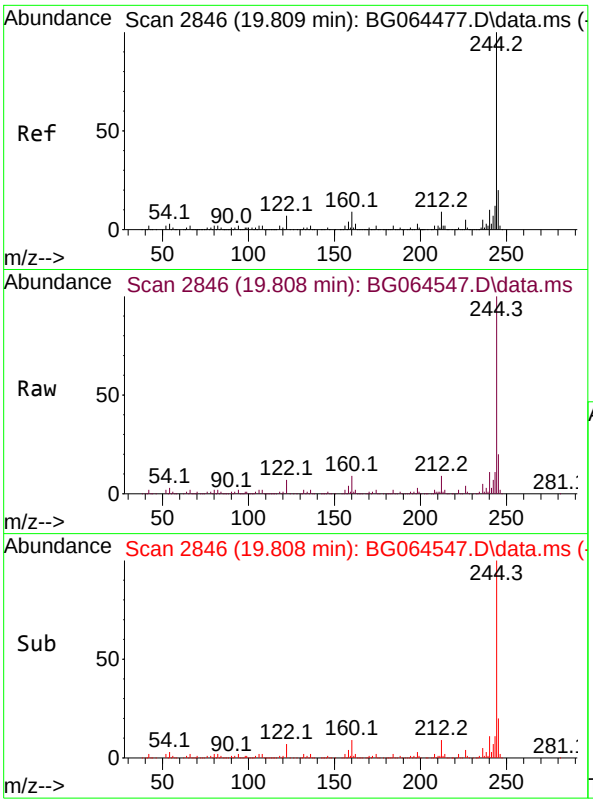


#78
Pyrene
Concen: 41.769 ng
RT: 19.609 min Scan# 2812
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:202 Resp: 307402

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.4
203	17.3	13.0	19.4

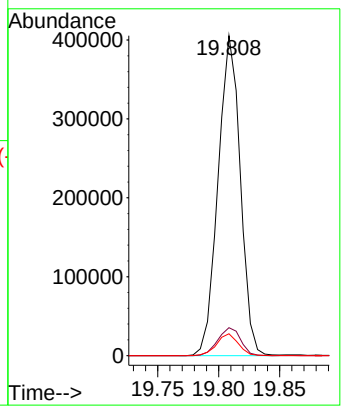




#79
Terphenyl-d14
Concen: 85.798 ng
RT: 19.808 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:244 Resp: 514123

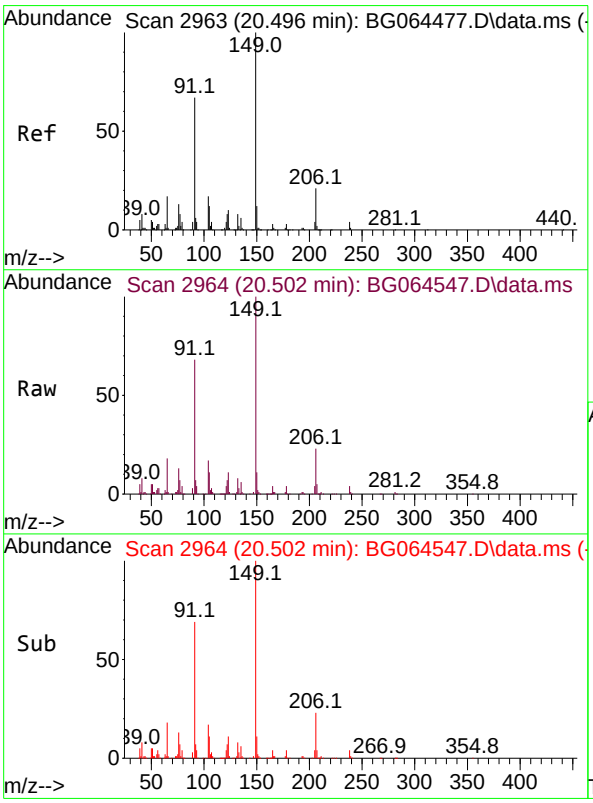
Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.6
122	6.8	5.6	8.4



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
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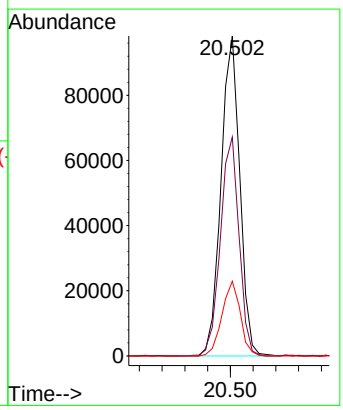
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

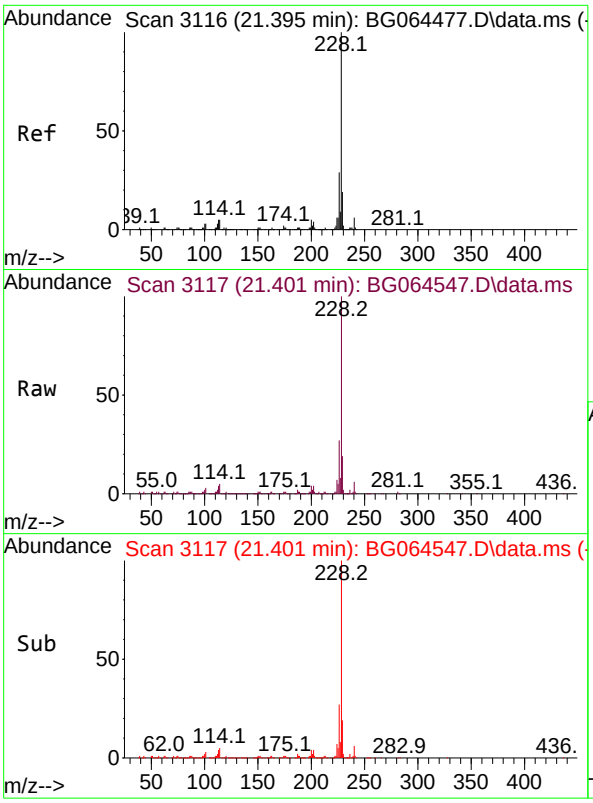


#80
Butylbenzylphthalate
Concen: 43.094 ng
RT: 20.502 min Scan# 2964
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:149 Resp: 112428

Ion	Ratio	Lower	Upper
149	100		
91	68.4	53.7	80.5
206	23.3	16.6	24.8





#81
Benzo(a)anthracene
Concen: 42.619 ng
RT: 21.401 min Scan# 3
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

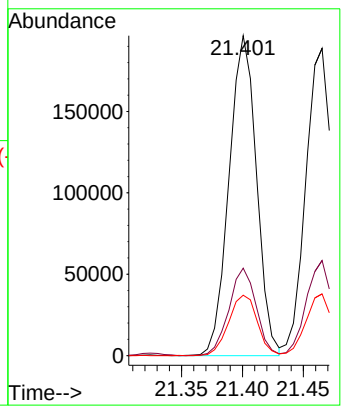
Tgt Ion:228 Resp: 30859

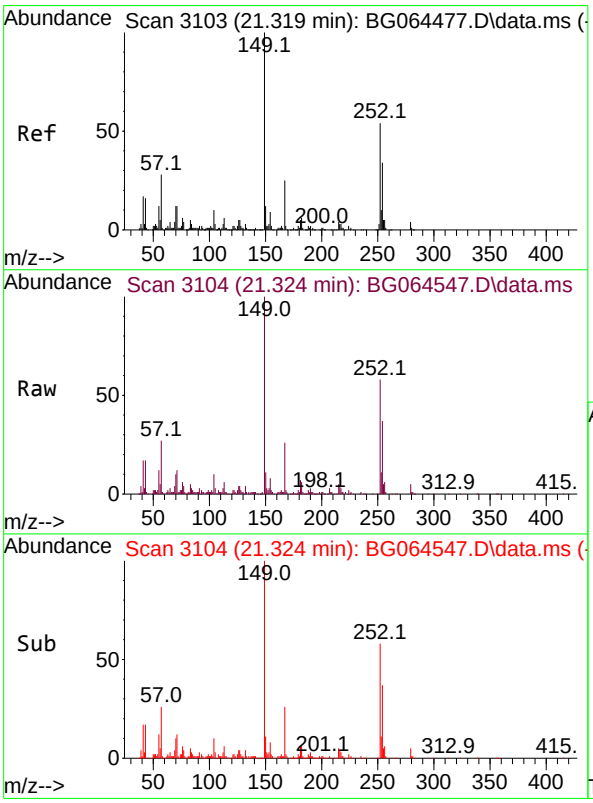
Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.8	34.2
229	18.9	15.2	22.8

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

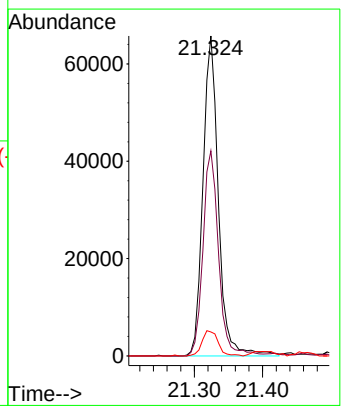


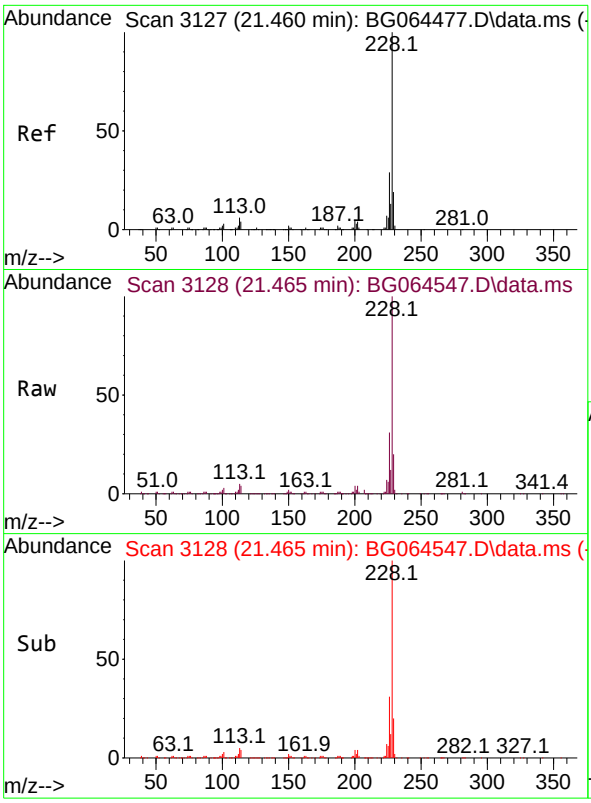


#82
3,3'-Dichlorobenzidine
Concen: 42.125 ng
RT: 21.324 min Scan# 3104
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:252 Resp: 103237

Ion	Ratio	Lower	Upper
252	100		
254	64.1	50.5	75.7
126	7.5	7.1	10.7





#83
Chrysene
Concen: 42.501 ng
RT: 21.465 min Scan# 3
Delta R.T. 0.014 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

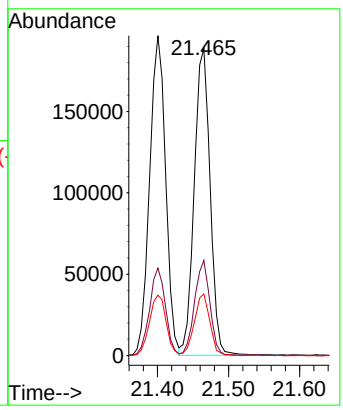
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

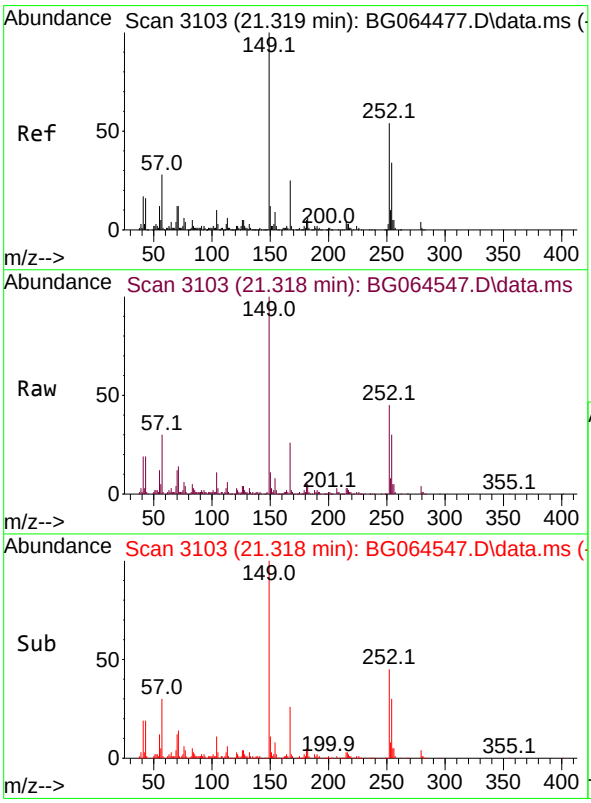
Tgt Ion:228 Resp: 29185

Ion	Ratio	Lower	Upper
228	100		
226	31.0	22.8	34.2
229	20.1	15.4	23.0

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Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

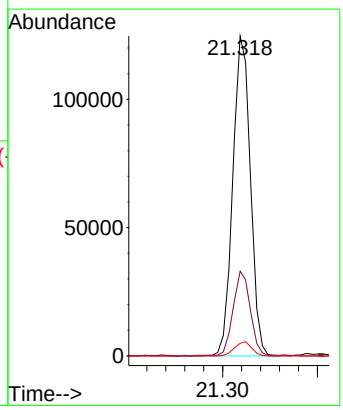


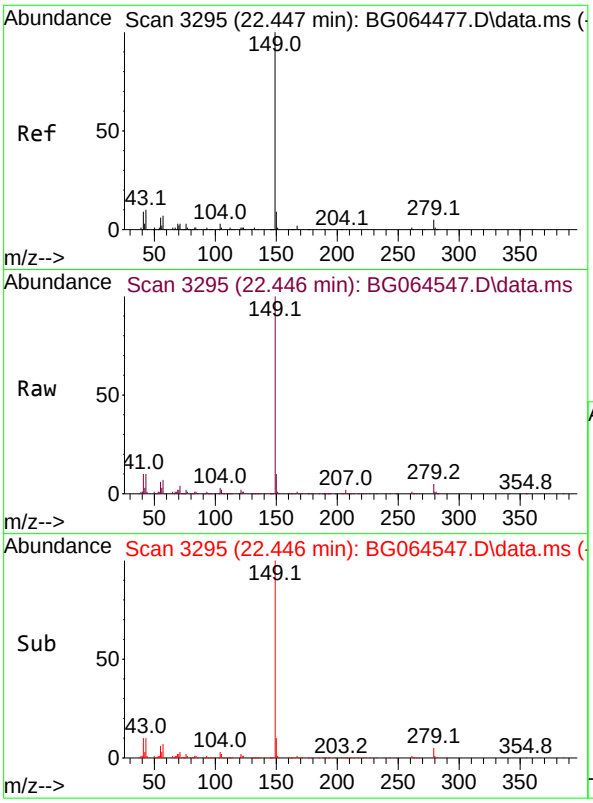


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.703 ng
RT: 21.318 min Scan# 3103
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:149 Resp: 160868

Ion	Ratio	Lower	Upper
149	100		
167	26.5	19.7	29.5
279	3.9	3.4	5.2





#85
Di-n-octyl phthalate
Concen: 43.922 ng
RT: 22.446 min Scan# 3
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

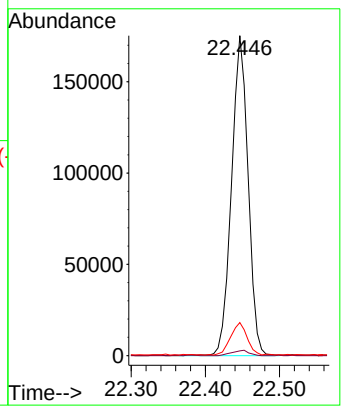
Tgt Ion:149 Resp: 27172

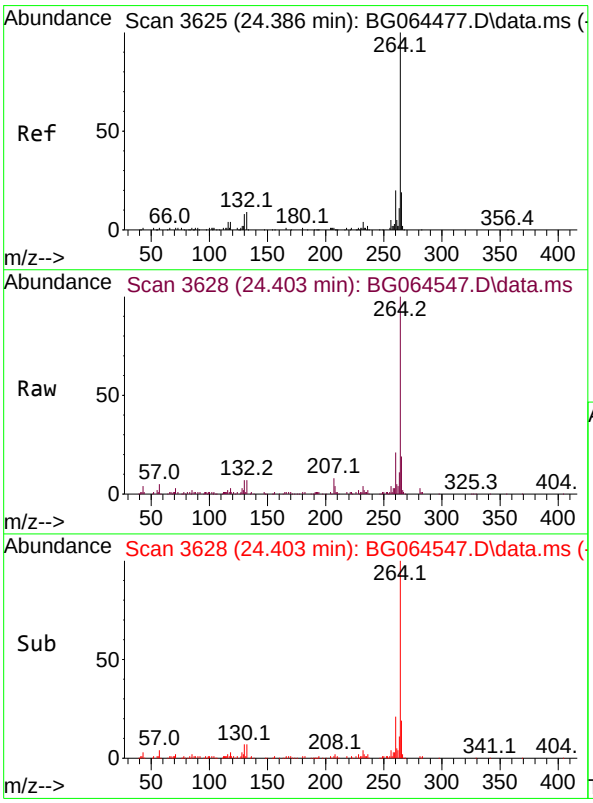
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.3	7.9	11.9

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

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Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

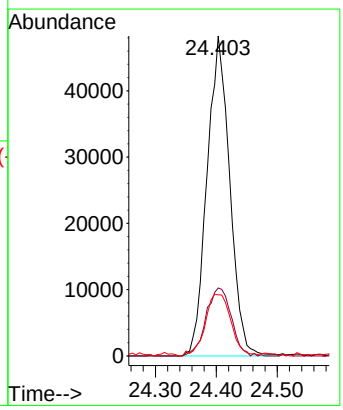


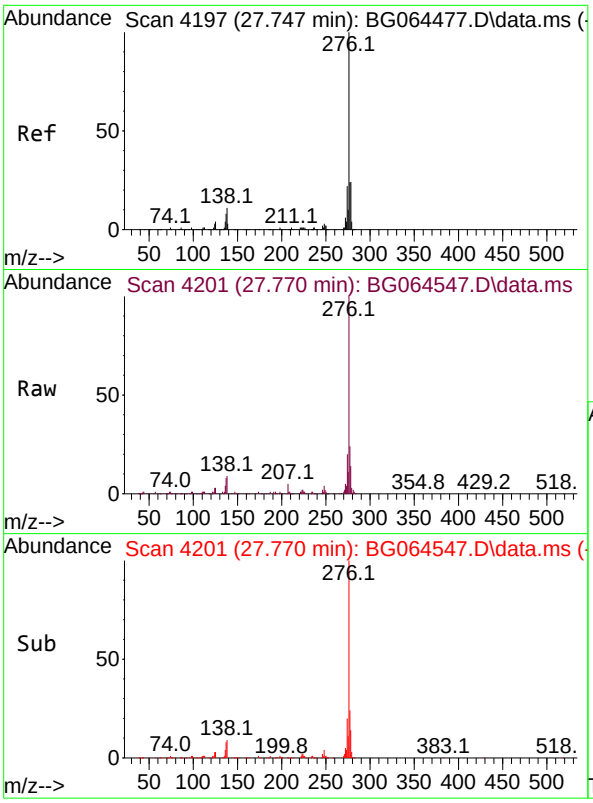


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.403 min Scan# 3628
Delta R.T. 0.014 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:264 Resp: 125032

Ion	Ratio	Lower	Upper
264	100		
260	21.2	16.2	24.4
265	19.1	15.0	22.4

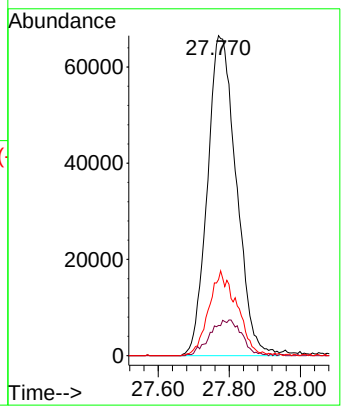




#87
Indeno(1,2,3-cd)pyrene
Concen: 43.035 ng
RT: 27.770 min Scan# 4
Delta R.T. 0.037 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:276 Resp: 37453

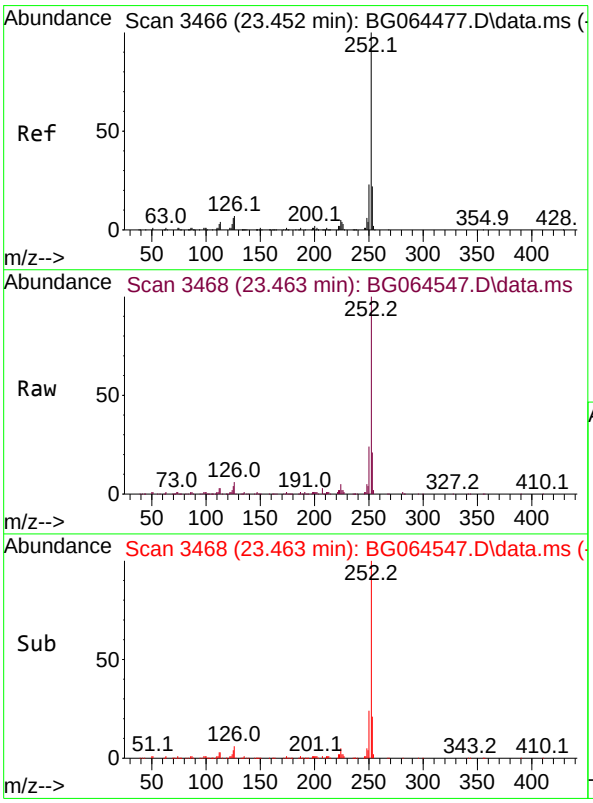
Ion	Ratio	Lower	Upper
276	100		
138	0.0	10.8	16.2
277	26.0	20.3	30.5



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
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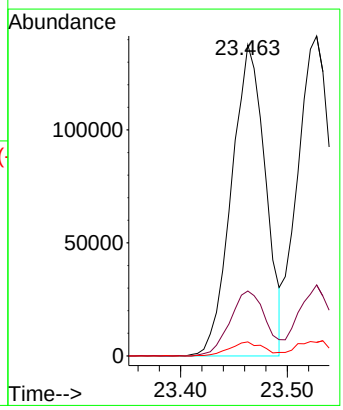
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

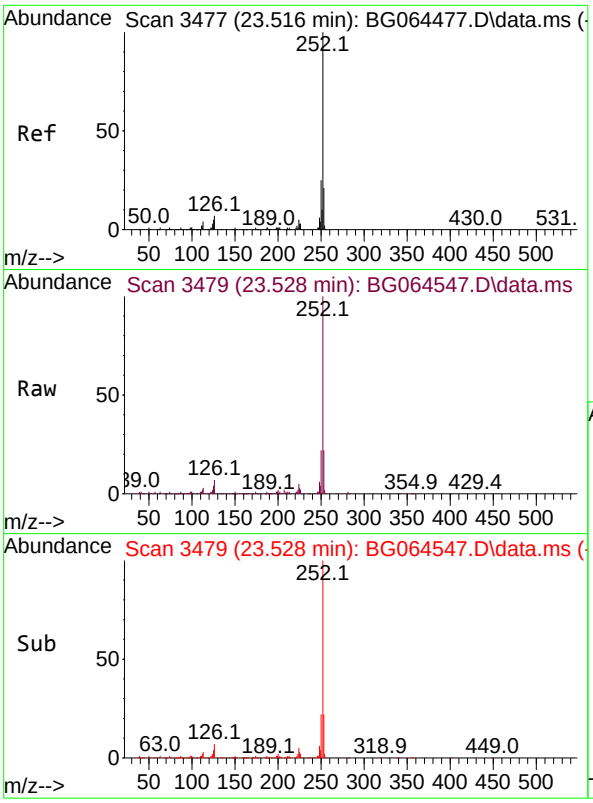


#88
Benzo(b)fluoranthene
Concen: 42.780 ng
RT: 23.463 min Scan# 3468
Delta R.T. 0.014 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:252 Resp: 304295

Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.5	26.3
125	4.5	4.5	6.7





#89
Benzo(k)fluoranthene
Concen: 43.893 ng
RT: 23.528 min Scan# 34
Delta R.T. 0.020 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

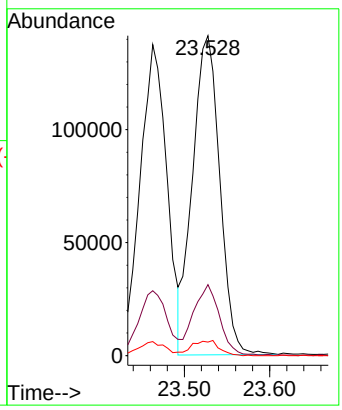
Tgt Ion:252 Resp: 31445

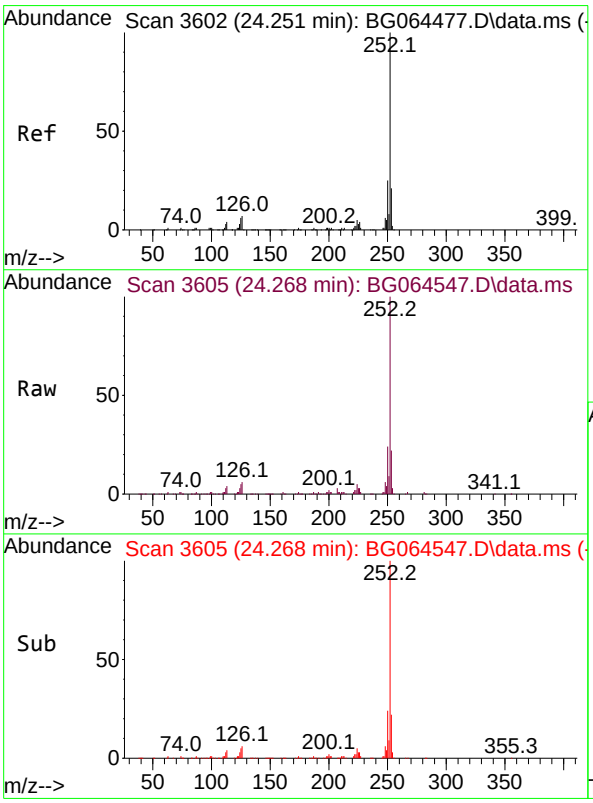
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	4.2	4.0	6.0

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

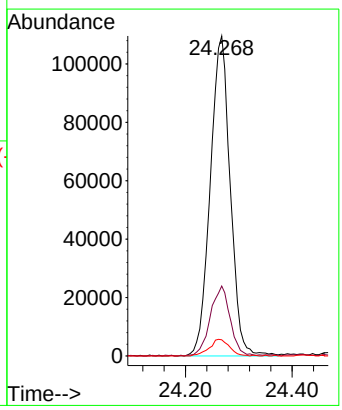


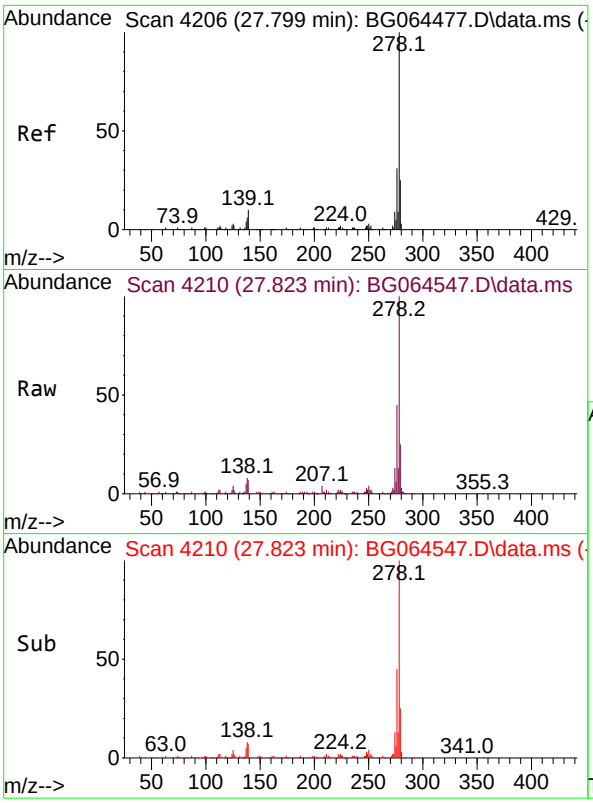


#90
Benzo(a)pyrene
Concen: 43.417 ng
RT: 24.268 min Scan# 3605
Delta R.T. 0.020 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:252 Resp: 284628

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	5.0	4.6	6.8





#91
Dibenzo(a,h)anthracene
Concen: 43.292 ng
RT: 27.823 min Scan# 4
Delta R.T. 0.043 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

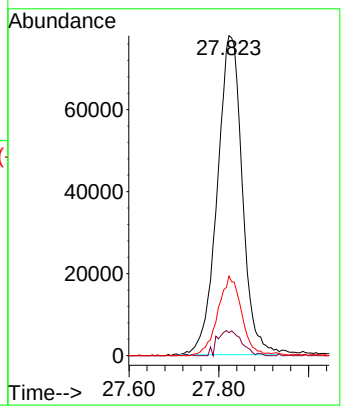
Tgt Ion:278 Resp: 30130

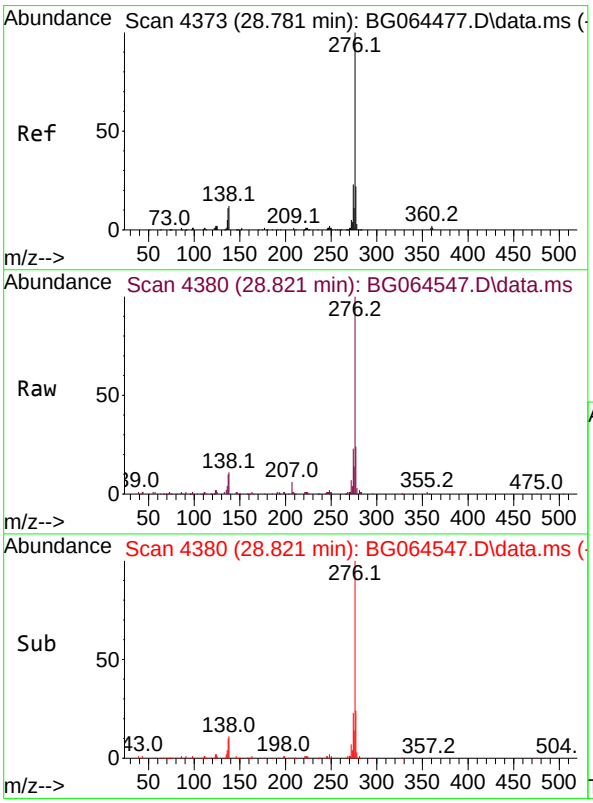
Ion	Ratio	Lower	Upper
278	100		
139	7.2	8.2	12.2
279	24.8	19.6	29.4

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

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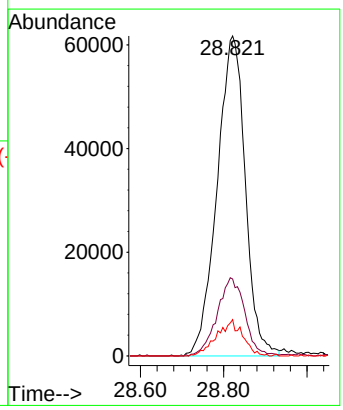




#92
Benzo(g,h,i)perylene
Concen: 42.845 ng
RT: 28.821 min Scan# 4380
Delta R.T. 0.055 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:276 Resp: 289782

Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.8	26.6
138	11.3	9.4	14.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
Data File : BG064547.D
Acq On : 20 Oct 2025 12:44
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Oct 20 16:36:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 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	0.00
2		1,4-Dioxane	40.000	35.246	11.9	66	0.00
3		Pyridine	40.000	30.091	24.8	54	0.00
4		n-Nitrosodimethylamine	40.000	40.937	-2.3	76	0.00
5	S	2-Fluorophenol	80.000	88.419	-10.5	77	0.00
6		Aniline	40.000	45.327	-13.3	79	0.00
7	S	Phenol-d6	80.000	88.675	-10.8	76	0.01
8		2-Chlorophenol	40.000	43.674	-9.2	77	0.00
9		Benzaldehyde	40.000	43.215	-8.0	70	0.00
10	C	Phenol	40.000	42.839	-7.1	75	0.01
11		bis(2-Chloroethyl)ether	40.000	42.087	-5.2	74	0.00
12		1,3-Dichlorobenzene	40.000	44.437	-11.1	79	0.00
13	C	1,4-Dichlorobenzene	40.000	44.070	-10.2	78	0.00
14		1,2-Dichlorobenzene	40.000	43.259	-8.1	78	0.00
15		Benzyl Alcohol	40.000	45.138	-12.8	80	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	37.672	5.8	67	0.00
17		2-Methylphenol	40.000	44.767	-11.9	79	0.00
18		Hexachloroethane	40.000	43.036	-7.6	79	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	45.502	-13.8	78	0.00
20		3+4-Methylphenols	40.000	43.559	-8.9	77	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	79	0.00
22		Acetophenone	40.000	43.451	-8.6	81	0.00
23	S	Nitrobenzene-d5	80.000	86.682	-8.4	81	0.00
24		Nitrobenzene	40.000	41.889	-4.7	78	0.00
25		Isophorone	40.000	41.946	-4.9	77	0.00
26	C	2-Nitrophenol	40.000	43.930	-9.8	84	0.00
27		2,4-Dimethylphenol	40.000	44.205	-10.5	83	0.00
28		bis(2-Chloroethoxy)methane	40.000	42.484	-6.2	77	0.00
29	C	2,4-Dichlorophenol	40.000	43.940	-9.8	83	0.00
30		1,2,4-Trichlorobenzene	40.000	43.835	-9.6	82	0.00
31		Naphthalene	40.000	43.468	-8.7	80	0.00
32		Benzoic acid	40.000	41.310	-3.3	77	0.07
33		4-Chloroaniline	40.000	41.738	-4.3	78	0.00
34	C	Hexachlorobutadiene	40.000	44.321	-10.8	84	0.00
35		Caprolactam	40.000	42.243	-5.6	81	0.05
36	C	4-Chloro-3-methylphenol	40.000	43.097	-7.7	81	0.01
37		2-Methylnaphthalene	40.000	42.584	-6.5	79	0.00
38		1-Methylnaphthalene	40.000	42.182	-5.5	80	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	81	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	41.420	-3.6	77	0.00
41	P	Hexachlorocyclopentadiene	40.000	45.006	-12.5	85	0.00
42	S	2,4,6-Tribromophenol	80.000	86.640	-8.3	84	0.00
43	C	2,4,6-Trichlorophenol	40.000	45.612	-14.0	86	0.00
44		2,4,5-Trichlorophenol	40.000	42.137	-5.3	81	0.00
45	S	2-Fluorobiphenyl	80.000	85.677	-7.1	83	0.00
46		1,1'-Biphenyl	40.000	41.504	-3.8	80	0.00
47		2-Chloronaphthalene	40.000	42.313	-5.8	80	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
Data File : BG064547.D
Acq On : 20 Oct 2025 12:44
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Oct 20 16:36:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 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	44.061	-10.2	83	0.00
49		Acenaphthylene	40.000	43.163	-7.9	82	0.00
50		Dimethylphthalate	40.000	42.222	-5.6	83	0.00
51		2,6-Dinitrotoluene	40.000	42.820	-7.1	84	0.00
52	C	Acenaphthene	40.000	41.898	-4.7	82	0.00
53		3-Nitroaniline	40.000	41.972	-4.9	81	0.01
54	P	2,4-Dinitrophenol	40.000	33.990	15.0	79	0.00
55		Dibenzofuran	40.000	42.794	-7.0	84	0.00
56	P	4-Nitrophenol	40.000	37.784	5.5	70	0.02
57		2,4-Dinitrotoluene	40.000	42.271	-5.7	81	0.00
58		Fluorene	40.000	42.692	-6.7	83	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	43.129	-7.8	82	0.00
60		Diethylphthalate	40.000	42.669	-6.7	84	0.00
61		4-Chlorophenyl-phenylether	40.000	42.549	-6.4	83	0.00
62		4-Nitroaniline	40.000	43.111	-7.8	82	0.00
63		Azobenzene	40.000	41.425	-3.6	82	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	82	0.00
65		4,6-Dinitro-2-methylphenol	40.000	41.746	-4.4	82	0.00
66	c	n-Nitrosodiphenylamine	40.000	42.507	-6.3	82	0.00
67		4-Bromophenyl-phenylether	40.000	43.046	-7.6	82	0.00
68		Hexachlorobenzene	40.000	43.997	-10.0	84	0.00
69		Atrazine	40.000	40.416	-1.0	79	0.00
70	C	Pentachlorophenol	40.000	42.817	-7.0	82	0.00
71		Phenanthrene	40.000	42.087	-5.2	81	0.00
72		Anthracene	40.000	43.067	-7.7	82	0.00
73		Carbazole	40.000	42.326	-5.8	80	0.00
74		Di-n-butylphthalate	40.000	42.433	-6.1	81	0.00
75	C	Fluoranthene	40.000	41.884	-4.7	81	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	82	0.00
77		Benzidine	40.000	47.695	-19.2	75	0.00
78		Pyrene	40.000	41.769	-4.4	80	0.00
79	S	Terphenyl-d14	80.000	85.798	-7.2	83	0.00
80		Butylbenzylphthalate	40.000	43.094	-7.7	82	0.00
81		Benzo(a)anthracene	40.000	42.619	-6.5	83	0.00
82		3,3'-Dichlorobenzidine	40.000	42.125	-5.3	82	0.00
83		Chrysene	40.000	42.501	-6.3	82	0.01
84		Bis(2-ethylhexyl)phthalate	40.000	43.703	-9.3	84	0.00
85	c	Di-n-octyl phthalate	40.000	43.922	-9.8	85	0.00
86	I	Perylene-d12	20.000	20.000	0.0	85	0.01
87		Indeno(1,2,3-cd)pyrene	40.000	43.035	-7.6	85	0.04
88		Benzo(b)fluoranthene	40.000	42.780	-7.0	85	0.01
89		Benzo(k)fluoranthene	40.000	43.893	-9.7	87	0.02
90	C	Benzo(a)pyrene	40.000	43.417	-8.5	86	0.02
91		Dibenzo(a,h)anthracene	40.000	43.292	-8.2	86	0.04
92		Benzo(g,h,i)perylene	40.000	42.845	-7.1	85	0.05

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
Data File : BG064547.D
Acq On : 20 Oct 2025 12:44
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Oct 20 16:36:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
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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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
Data File : BG064547.D
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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	0.00
2		1,4-Dioxane	0.427	0.377	11.7	66	0.00
3		Pyridine	1.149	0.864	24.8	54	0.00
4		n-Nitrosodimethylamine	0.833	0.852	-2.3	76	0.00
5	S	2-Fluorophenol	1.081	1.194	-10.5	77	0.00
6		Aniline	1.832	2.076	-13.3	79	0.00
7	S	Phenol-d6	1.452	1.610	-10.9	76	0.01
8		2-Chlorophenol	1.327	1.449	-9.2	77	0.00
9		Benzaldehyde	1.289	1.393	-8.1	70	0.00
10	C	Phenol	1.532	1.641	-7.1	75	0.01
11		bis(2-Chloroethyl)ether	1.038	1.092	-5.2	74	0.00
12		1,3-Dichlorobenzene	1.452	1.613	-11.1	79	0.00
13	C	1,4-Dichlorobenzene	1.457	1.605	-10.2	78	0.00
14		1,2-Dichlorobenzene	1.436	1.553	-8.1	78	0.00
15		Benzyl Alcohol	1.337	1.509	-12.9	80	0.00
16		2,2'-oxybis(1-Chloropropane	1.672	1.575	5.8	67	0.00
17		2-Methylphenol	1.109	1.242	-12.0	79	0.00
18		Hexachloroethane	0.575	0.619	-7.7	79	0.00
19	P	n-Nitroso-di-n-propylamine	0.971	1.105	-13.8	78	0.00
20		3+4-Methylphenols	1.548	1.686	-8.9	77	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	79	0.00
22		Acetophenone	0.484	0.526	-8.7	81	0.00
23	S	Nitrobenzene-d5	0.372	0.403	-8.3	81	0.00
24		Nitrobenzene	0.371	0.388	-4.6	78	0.00
25		Isophorone	0.674	0.707	-4.9	77	0.00
26	C	2-Nitrophenol	0.185	0.203	-9.7	84	0.00
27		2,4-Dimethylphenol	0.282	0.312	-10.6	83	0.00
28		bis(2-Chloroethoxy)methane	0.343	0.365	-6.4	77	0.00
29	C	2,4-Dichlorophenol	0.326	0.358	-9.8	83	0.00
30		1,2,4-Trichlorobenzene	0.356	0.390	-9.6	82	0.00
31		Naphthalene	1.030	1.119	-8.6	80	0.00
32		Benzoic acid	0.216	0.224	-3.7	77	0.07
33		4-Chloroaniline	0.395	0.412	-4.3	78	0.00
34	C	Hexachlorobutadiene	0.304	0.337	-10.9	84	0.00
35		Caprolactam	0.112	0.118	-5.4	81	0.05
36	C	4-Chloro-3-methylphenol	0.397	0.427	-7.6	81	0.01
37		2-Methylnaphthalene	0.791	0.842	-6.4	79	0.00
38		1-Methylnaphthalene	0.788	0.831	-5.5	80	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	81	0.00
40		1,2,4,5-Tetrachlorobenzene	0.646	0.669	-3.6	77	0.00
41	P	Hexachlorocyclopentadiene	0.338	0.380	-12.4	85	0.00
42	S	2,4,6-Tribromophenol	0.363	0.393	-8.3	84	0.00
43	C	2,4,6-Trichlorophenol	0.413	0.471	-14.0	86	0.00
44		2,4,5-Trichlorophenol	0.461	0.485	-5.2	81	0.00
45	S	2-Fluorobiphenyl	1.357	1.453	-7.1	83	0.00
46		1,1'-Biphenyl	1.438	1.493	-3.8	80	0.00
47		2-Chloronaphthalene	1.074	1.136	-5.8	80	0.00

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Misc :
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Instrument :
BNA_G
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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.367	0.404	-10.1	83	0.00
49		Acenaphthylene	1.594	1.720	-7.9	82	0.00
50		Dimethylphthalate	1.566	1.653	-5.6	83	0.00
51		2,6-Dinitrotoluene	0.326	0.349	-7.1	84	0.00
52	C	Acenaphthene	1.108	1.160	-4.7	82	0.00
53		3-Nitroaniline	0.301	0.316	-5.0	81	0.01
54	P	2,4-Dinitrophenol	0.237	0.201	15.2	79	0.00
55		Dibenzofuran	1.829	1.957	-7.0	84	0.00
56	P	4-Nitrophenol	0.237	0.224	5.5	70	0.02
57		2,4-Dinitrotoluene	0.499	0.527	-5.6	81	0.00
58		Fluorene	1.520	1.623	-6.8	83	0.00
59		2,3,4,6-Tetrachlorophenol	0.470	0.507	-7.9	82	0.00
60		Diethylphthalate	1.680	1.793	-6.7	84	0.00
61		4-Chlorophenyl-phenylether	0.830	0.883	-6.4	83	0.00
62		4-Nitroaniline	0.314	0.338	-7.6	82	0.00
63		Azobenzene	1.301	1.348	-3.6	82	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	82	0.00
65		4,6-Dinitro-2-methylphenol	0.139	0.145	-4.3	82	0.00
66	c	n-Nitrosodiphenylamine	0.534	0.568	-6.4	82	0.00
67		4-Bromophenyl-phenylether	0.235	0.253	-7.7	82	0.00
68		Hexachlorobenzene	0.269	0.296	-10.0	84	0.00
69		Atrazine	0.238	0.240	-0.8	79	0.00
70	C	Pentachlorophenol	0.157	0.169	-7.6	82	0.00
71		Phenanthrene	1.046	1.100	-5.2	81	0.00
72		Anthracene	1.049	1.130	-7.7	82	0.00
73		Carbazole	0.907	0.960	-5.8	80	0.00
74		Di-n-butylphthalate	1.107	1.174	-6.1	81	0.00
75	C	Fluoranthene	1.250	1.308	-4.6	81	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	82	0.00
77		Benzidine	0.498	0.593	-19.1	75	0.00
78		Pyrene	1.298	1.355	-4.4	80	0.00
79	S	Terphenyl-d14	1.057	1.133	-7.2	83	0.00
80		Butylbenzylphthalate	0.460	0.496	-7.8	82	0.00
81		Benzo(a)anthracene	1.277	1.361	-6.6	83	0.00
82		3,3'-Dichlorobenzidine	0.432	0.455	-5.3	82	0.00
83		Chrysene	1.211	1.287	-6.3	82	0.01
84		Bis(2-ethylhexyl)phthalate	0.649	0.709	-9.2	84	0.00
85	c	Di-n-octyl phthalate	1.091	1.198	-9.8	85	0.00
86	I	Perylene-d12	1.000	1.000	0.0	85	0.01
87		Indeno(1,2,3-cd)pyrene	1.392	1.498	-7.6	85	0.04
88		Benzo(b)fluoranthene	1.138	1.217	-6.9	85	0.01
89		Benzo(k)fluoranthene	1.146	1.257	-9.7	87	0.02
90	C	Benzo(a)pyrene	1.049	1.138	-8.5	86	0.02
91		Dibenzo(a,h)anthracene	1.113	1.205	-8.3	86	0.04
92		Benzo(g,h,i)perylene	1.082	1.159	-7.1	85	0.05

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
Data File : BG064547.D
Acq On : 20 Oct 2025 12:44
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Oct 20 16:36:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 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

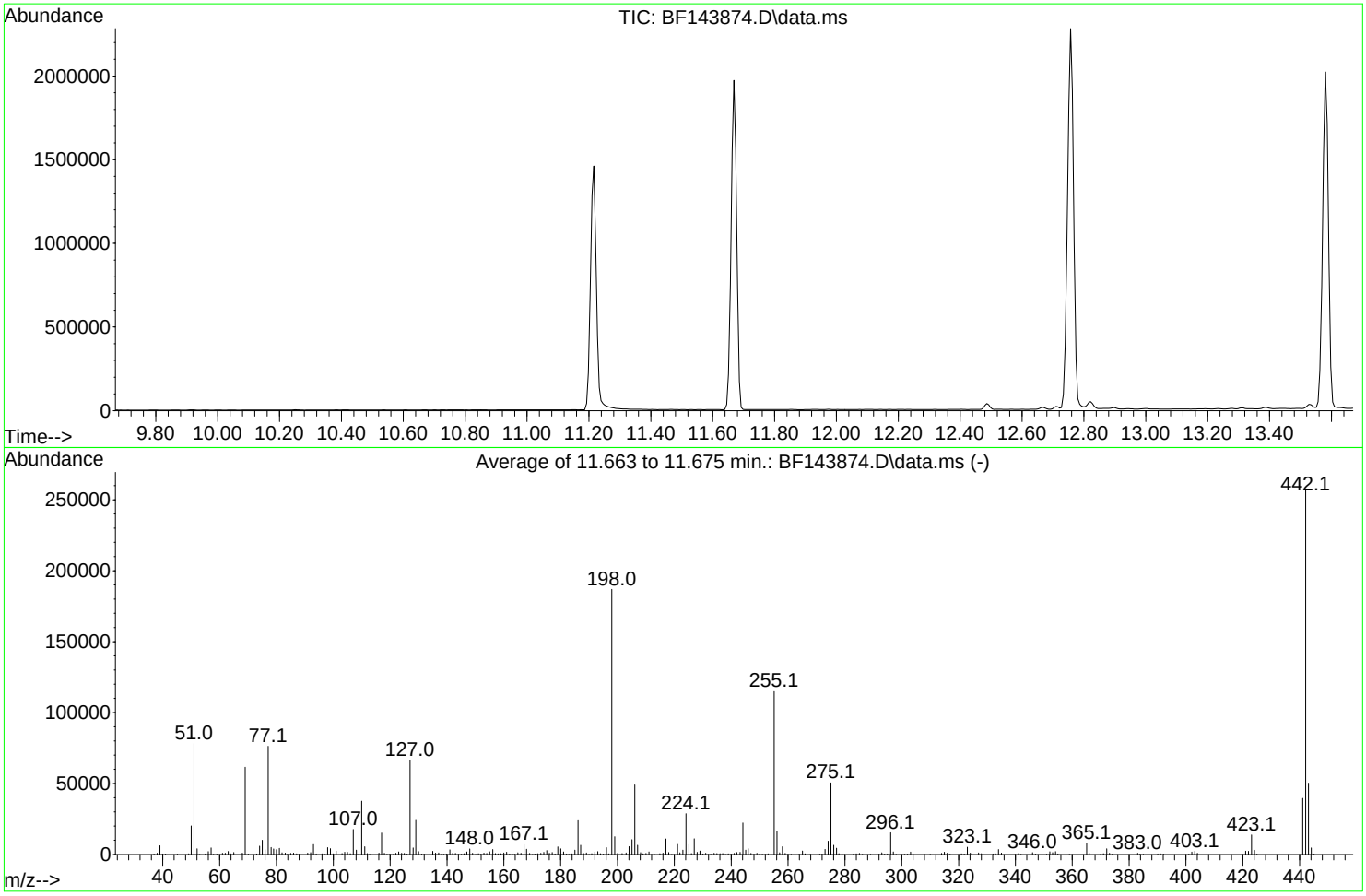
QC SAMPLE DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143874.D
Acq On : 06 Oct 2025 09:30
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Oct 06 15:29:47 2025



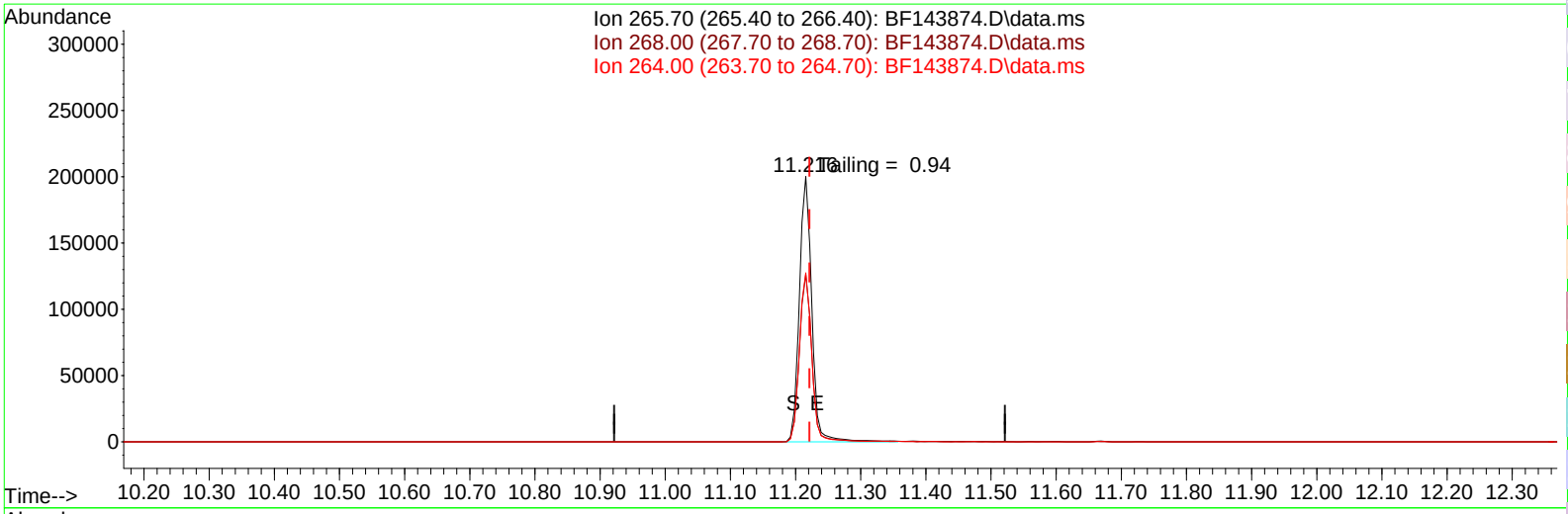
AutoFind: Scans 1610, 1611, 1612; Background Corrected with Scan 1603

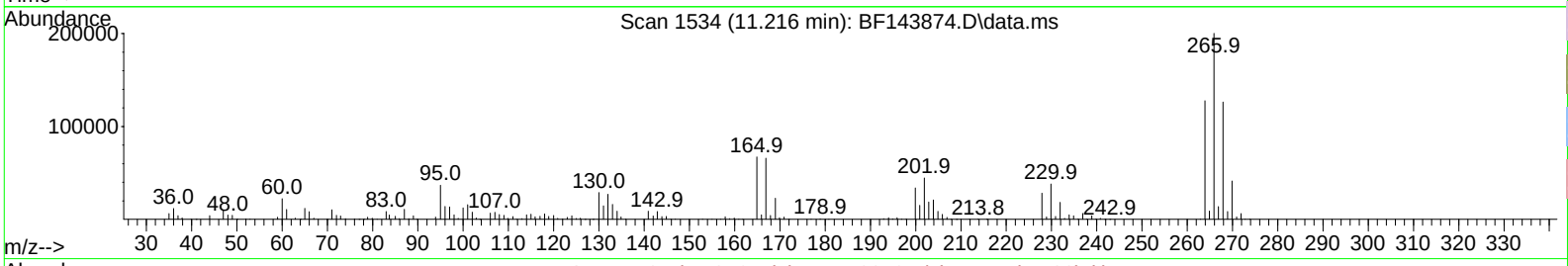
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.6	971	PASS
69	69	100	100	100.0	61475	PASS
70	69	0.00	2	0.4	240	PASS
197	198	0.00	2	0.3	472	PASS
198	198	100	100	100.0	186859	PASS
199	198	5	9	6.7	12573	PASS
365	198	1	100	4.3	8075	PASS
441	443	0.01	150	78.8	39600	PASS
442	442	100	100	100.0	256555	PASS
443	442	15	24	19.6	50245	PASS

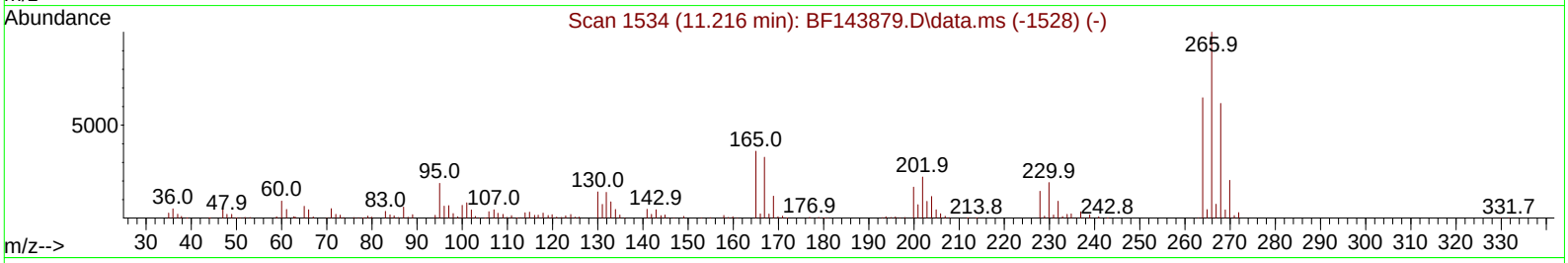
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143874.D
Acq On : 06 Oct 2025 09:30
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Oct 06 15:36:13 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







TIC: BF143874.D\data.ms

(70) Pentachlorophenol (C)

11.216min (-0.006) 36564.81 ng

response 265194

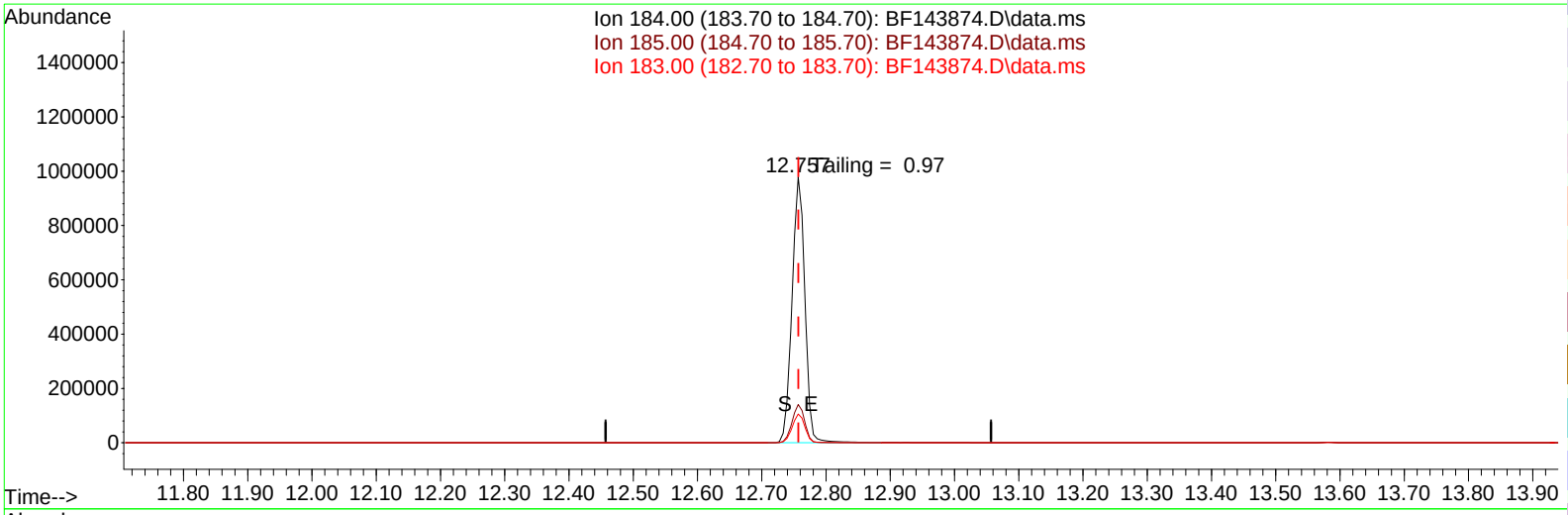
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	61.70	63.10
264.00	64.70	63.76
0.00	0.00	0.00

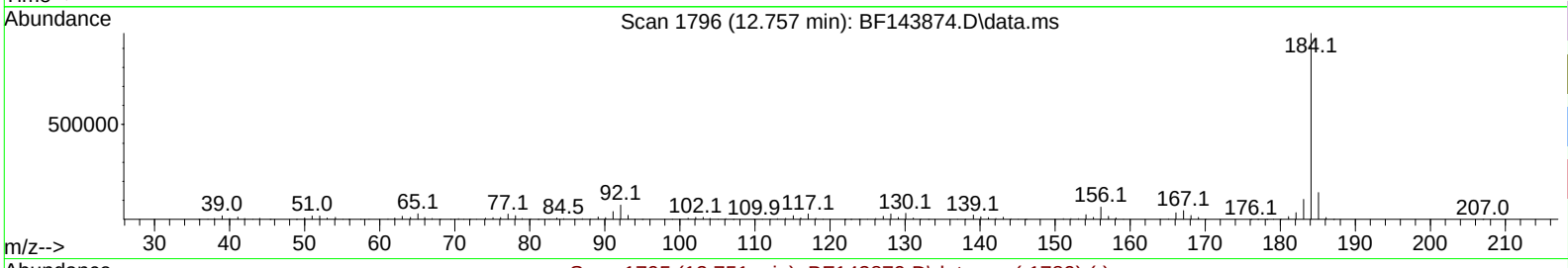
Sample Results: **BF143874.D**

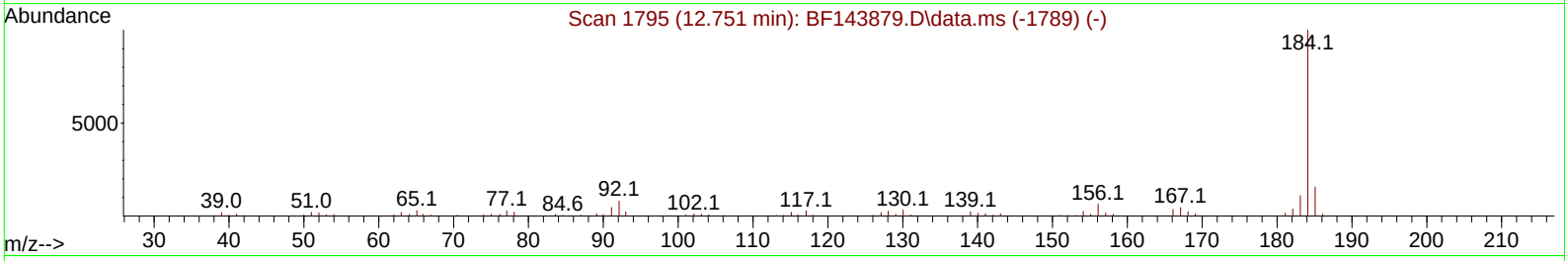
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143874.D
Acq On : 06 Oct 2025 09:30
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Oct 06 15:36:13 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







TIC: BF143874.D\data.ms

(77) Benzidine

12.757min (-0.000) 0.00 ng

response 1371993

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.70	14.38
183.00	11.00	10.78
0.00	0.00	0.00

Instrument :
BNA_F
ClientSampleId :
DFTPP

DDT Breakdown

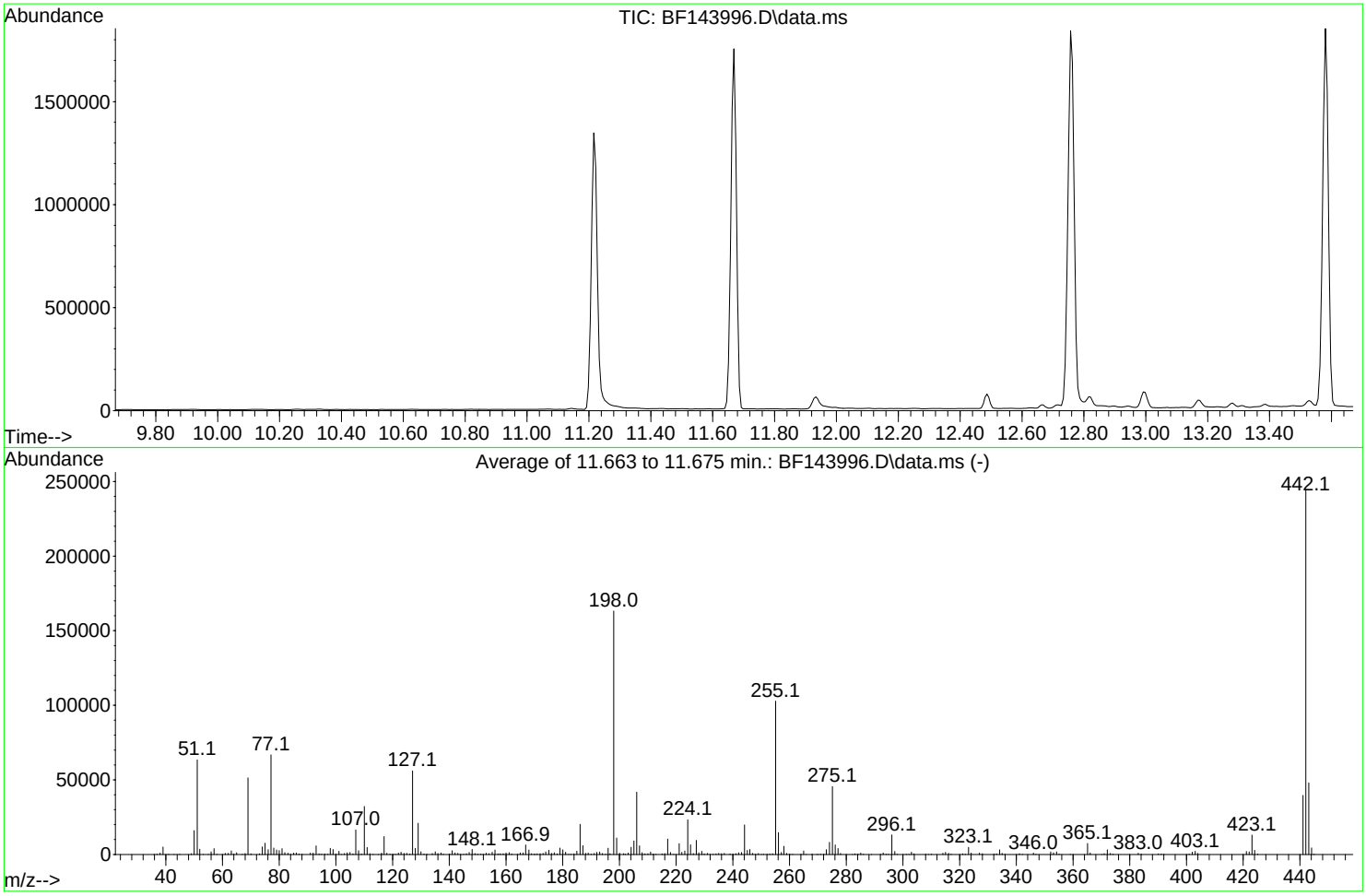
Date	Instrument Name	DFTPP Data File
10/6/2025	BNA_F	BF143874.D
Compound Name	**Response**	**Retention Time**
DDT	503395	13.58
DDD	4048	13.31
DDE	763	12.945
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
4811	508206	0.95

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102025\
Data File : BF143996.D
Acq On : 20 Oct 2025 12:02
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Oct 06 15:29:47 2025



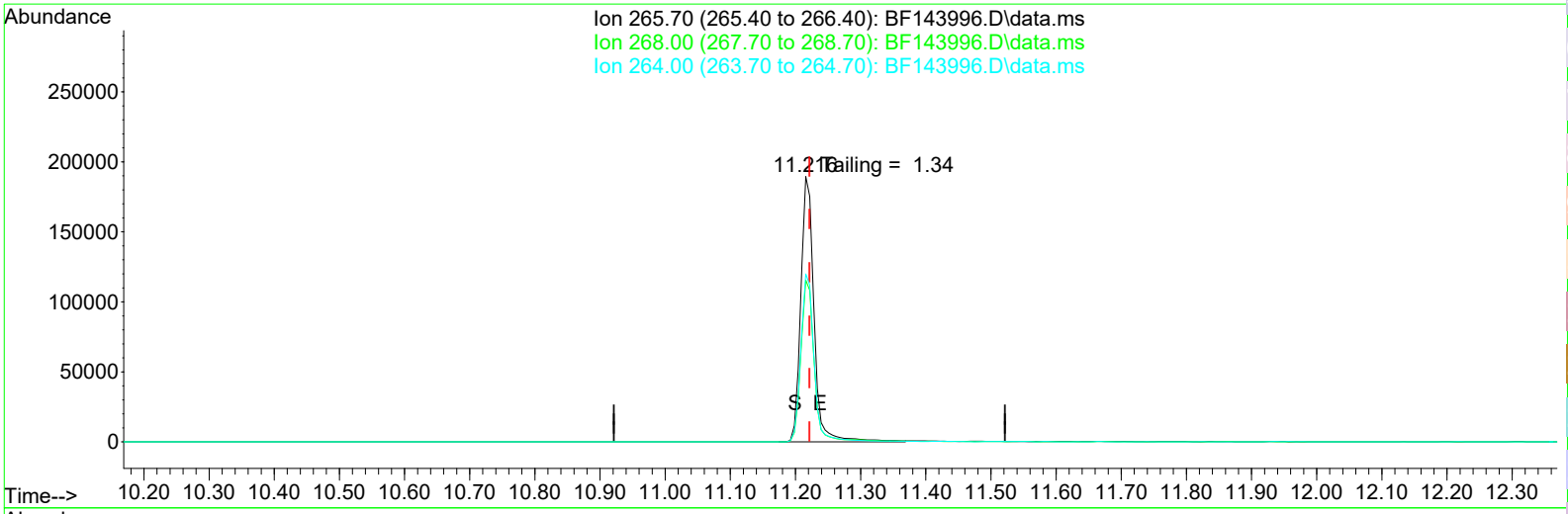
AutoFind: Scans 1610, 1611, 1612; Background Corrected with Scan 1603

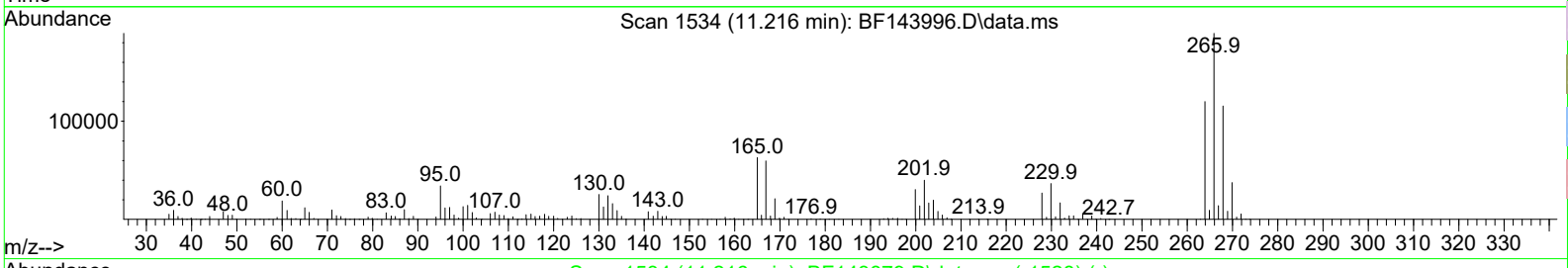
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.3	676	PASS
69	69	100	100	100.0	51413	PASS
70	69	0.00	2	0.8	426	PASS
197	198	0.00	2	0.4	599	PASS
198	198	100	100	100.0	163200	PASS
199	198	5	9	6.8	11025	PASS
365	198	1	100	4.5	7333	PASS
441	443	0.01	150	82.5	39595	PASS
442	442	100	100	100.0	243989	PASS
443	442	15	24	19.7	47997	PASS

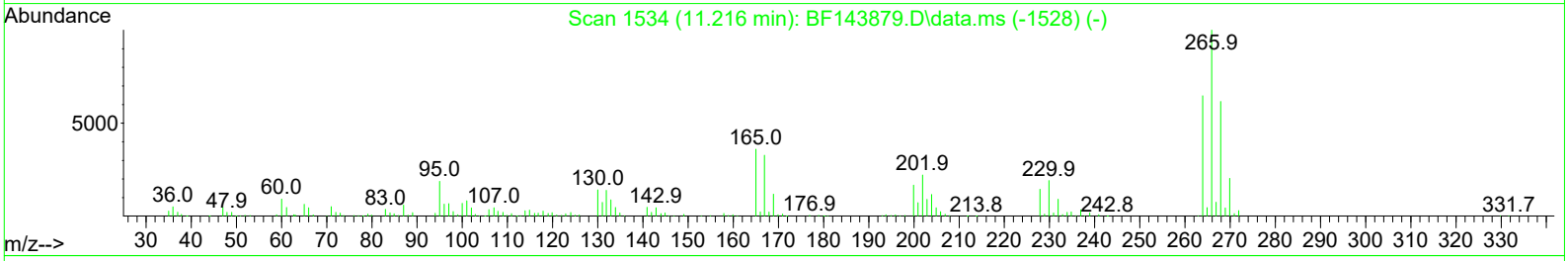
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102025\
Data File : BF143996.D
Acq On : 20 Oct 2025 12:02
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Oct 20 17:03:03 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







TIC: BF143996.D\data.ms

(70) Pentachlorophenol (C)

11.216min (-0.006) 91778.74 ng

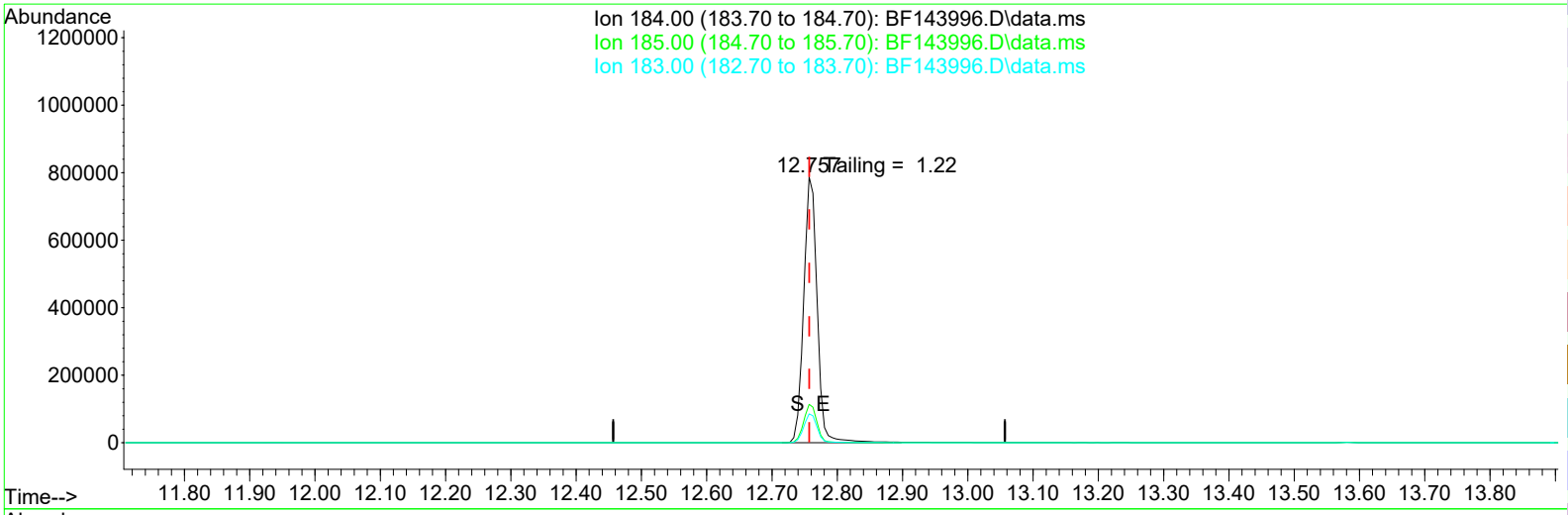
response 268416

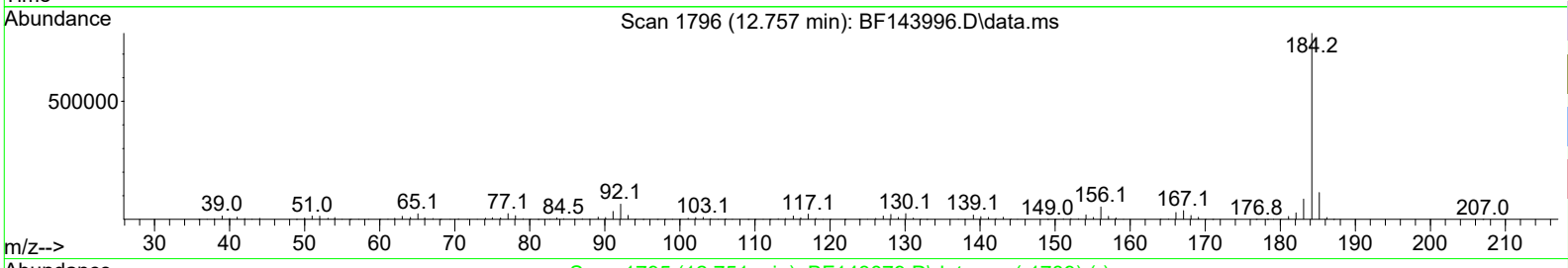
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	61.70	61.01
264.00	64.70	63.35
0.00	0.00	0.00

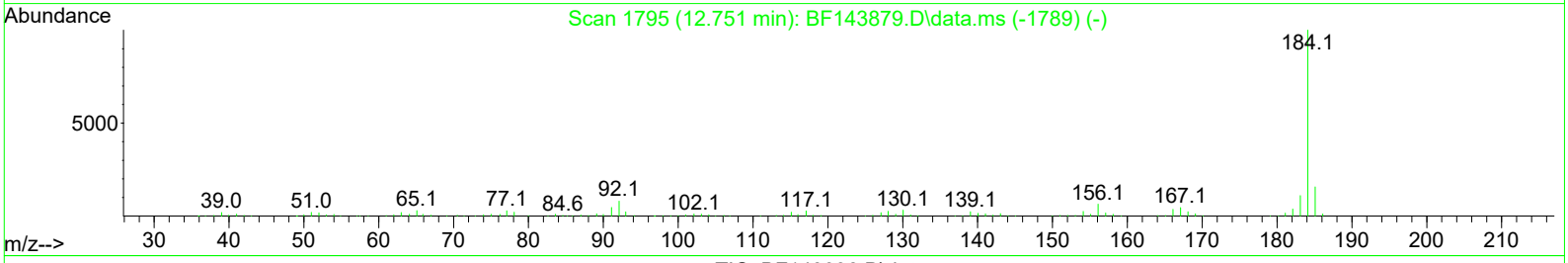
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102025\
Data File : BF143996.D
Acq On : 20 Oct 2025 12:02
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Oct 20 17:03:03 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







TIC: BF143996.D\data.ms

(77) Benzidine

12.757min (-0.000) 58721.78 ng

response 1131625

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.70	14.43
183.00	11.00	10.88
0.00	0.00	0.00

Instrument :
BNA_F
ClientSampleId :
DFTPP

DDT Breakdown

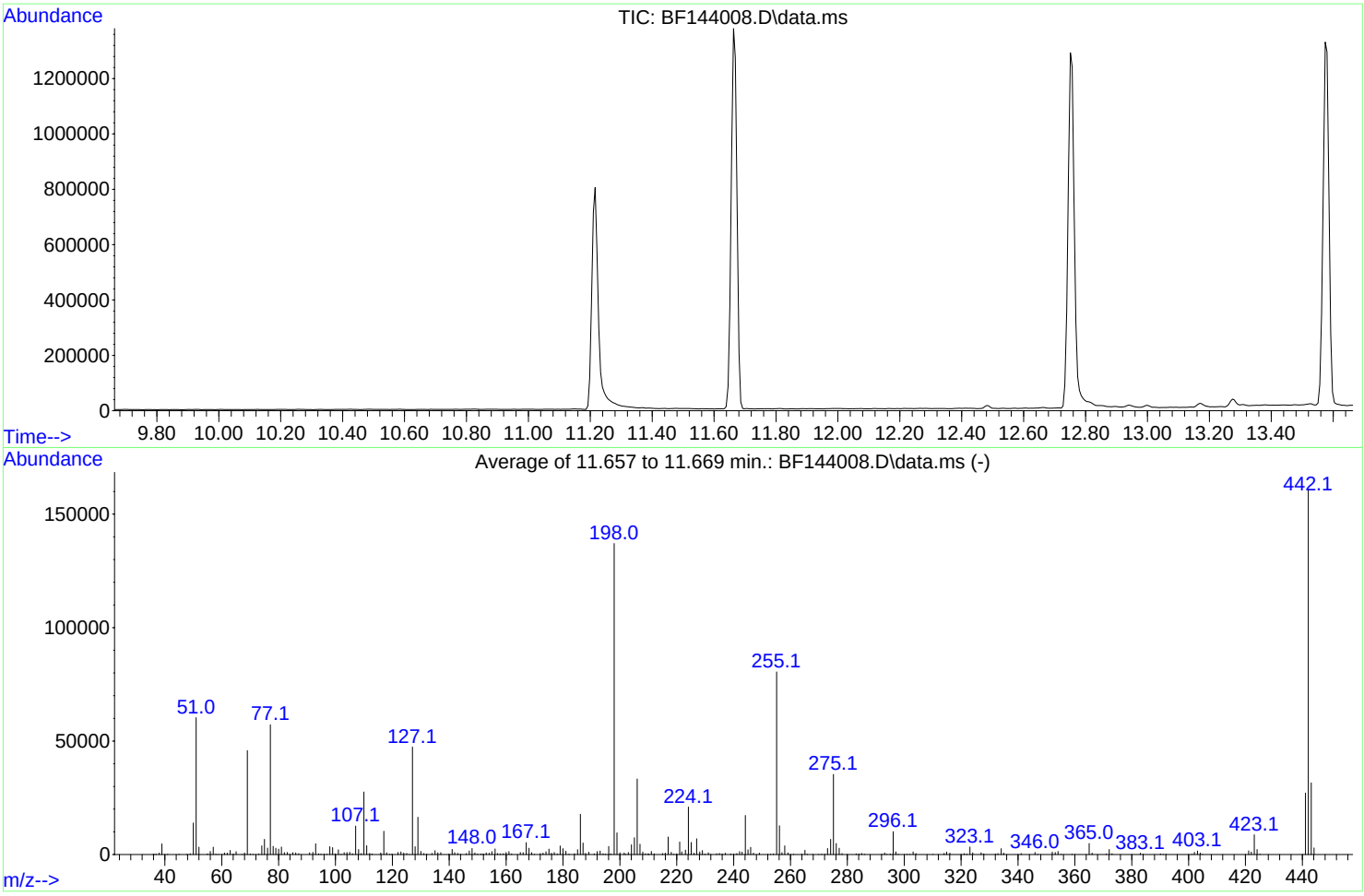
Date	Instrument Name	DFTPP Data File
10/20/2025	BNA_F	BF143996.D
Compound Name	**Response**	**Retention Time**
DDT	497907	13.58
DDD	9211	13.28
DDE	3438	12.945
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
12649	510556	2.48

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144008.D
Acq On : 21 Oct 2025 12:43
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Oct 06 15:29:47 2025



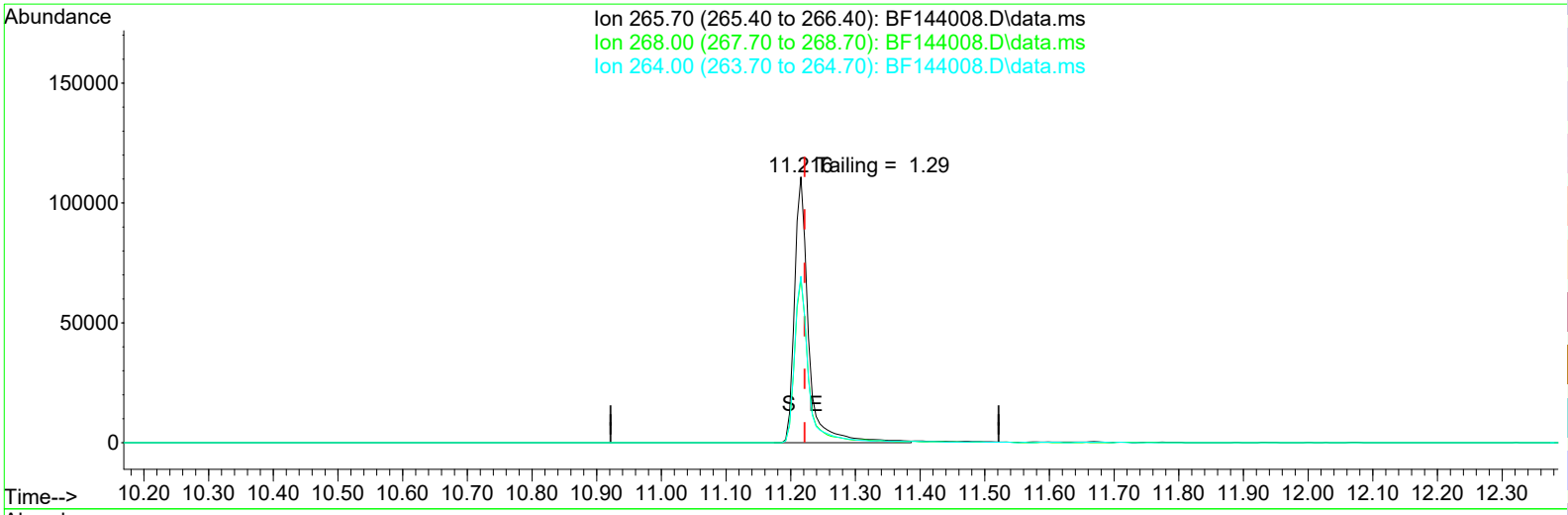
AutoFind: Scans 1609, 1610, 1611; Background Corrected with Scan 1603

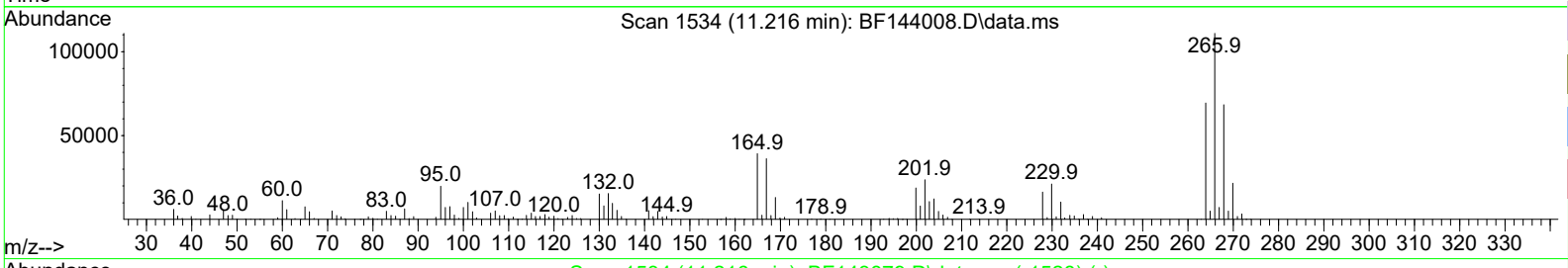
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.6	715	PASS
69	69	100	100	100.0	45819	PASS
70	69	0.00	2	0.5	248	PASS
197	198	0.00	2	0.2	322	PASS
198	198	100	100	100.0	137115	PASS
199	198	5	9	7.0	9565	PASS
365	198	1	100	3.6	4896	PASS
441	443	0.01	150	85.7	27087	PASS
442	442	100	100	100.0	160408	PASS
443	442	15	24	19.7	31611	PASS

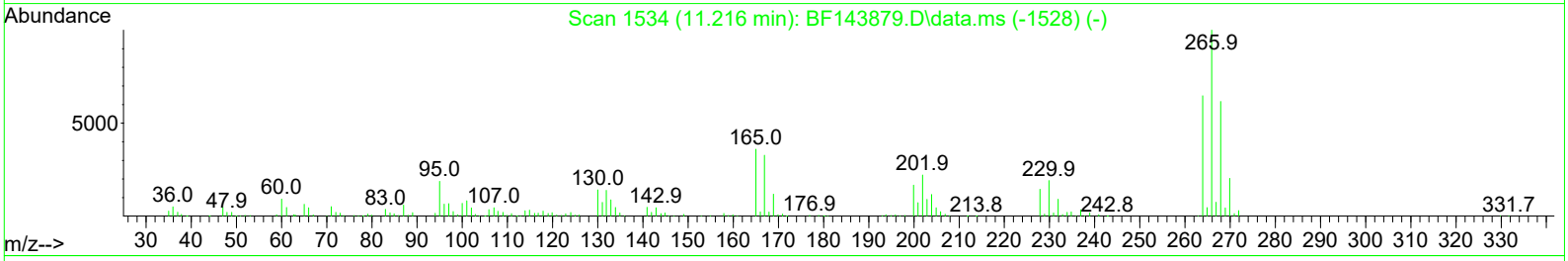
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144008.D
Acq On : 21 Oct 2025 12:43
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Oct 21 13:56:14 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







TIC: BF144008.D\data.ms

(70) Pentachlorophenol (C)

11.216min (-0.006) 31834.77 ng

response 169131

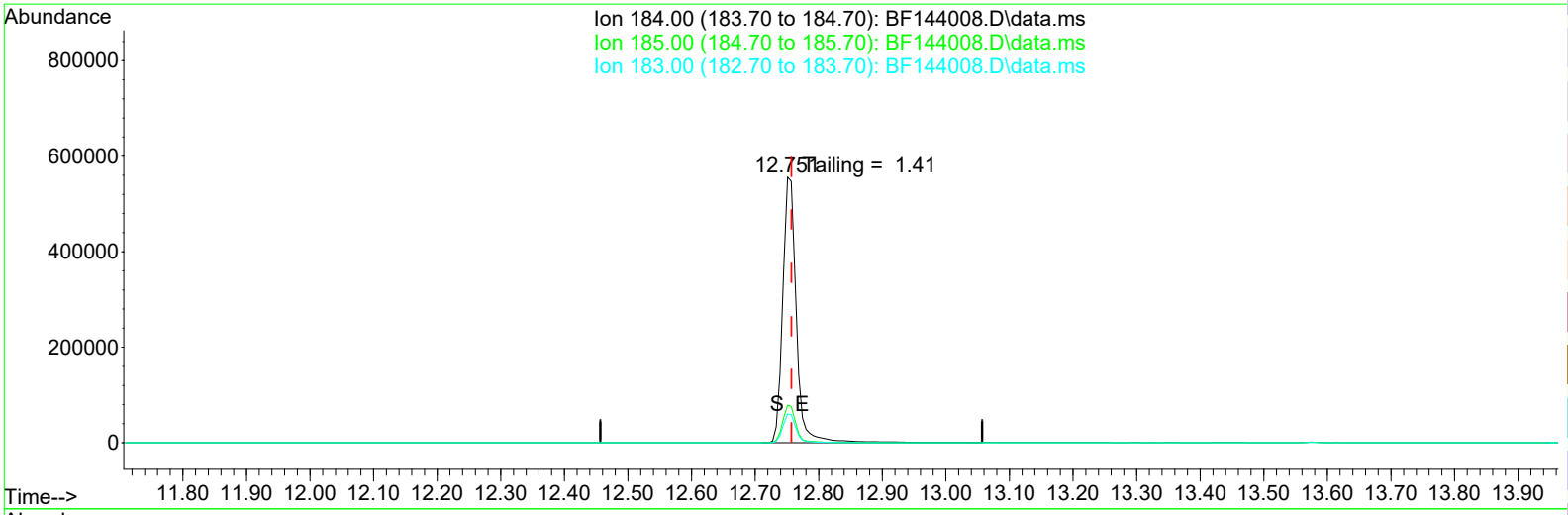
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	61.70	61.71
264.00	64.70	62.61
0.00	0.00	0.00

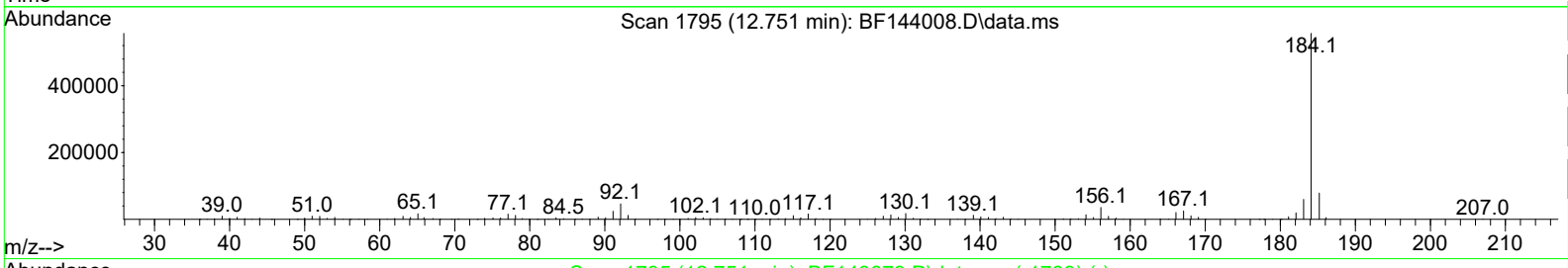
Sample Results: **BF144008.D**

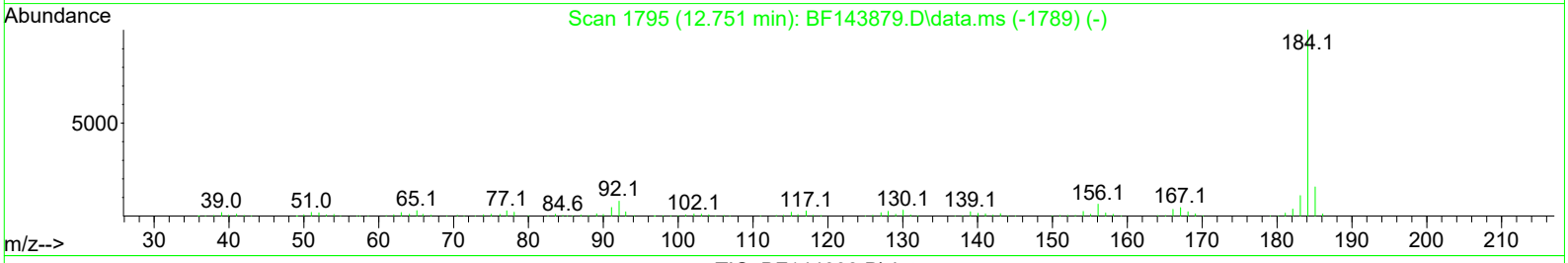
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144008.D
Acq On : 21 Oct 2025 12:43
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Oct 21 13:56:14 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







TIC: BF144008.D\data.ms

(77) Benzidine

12.751min (-0.006) 0.00 ng

response 827233

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.70	14.17
183.00	11.00	10.79
0.00	0.00	0.00

Instrument :
BNA_F
ClientSampleId :
DFTPP

DDT Breakdown

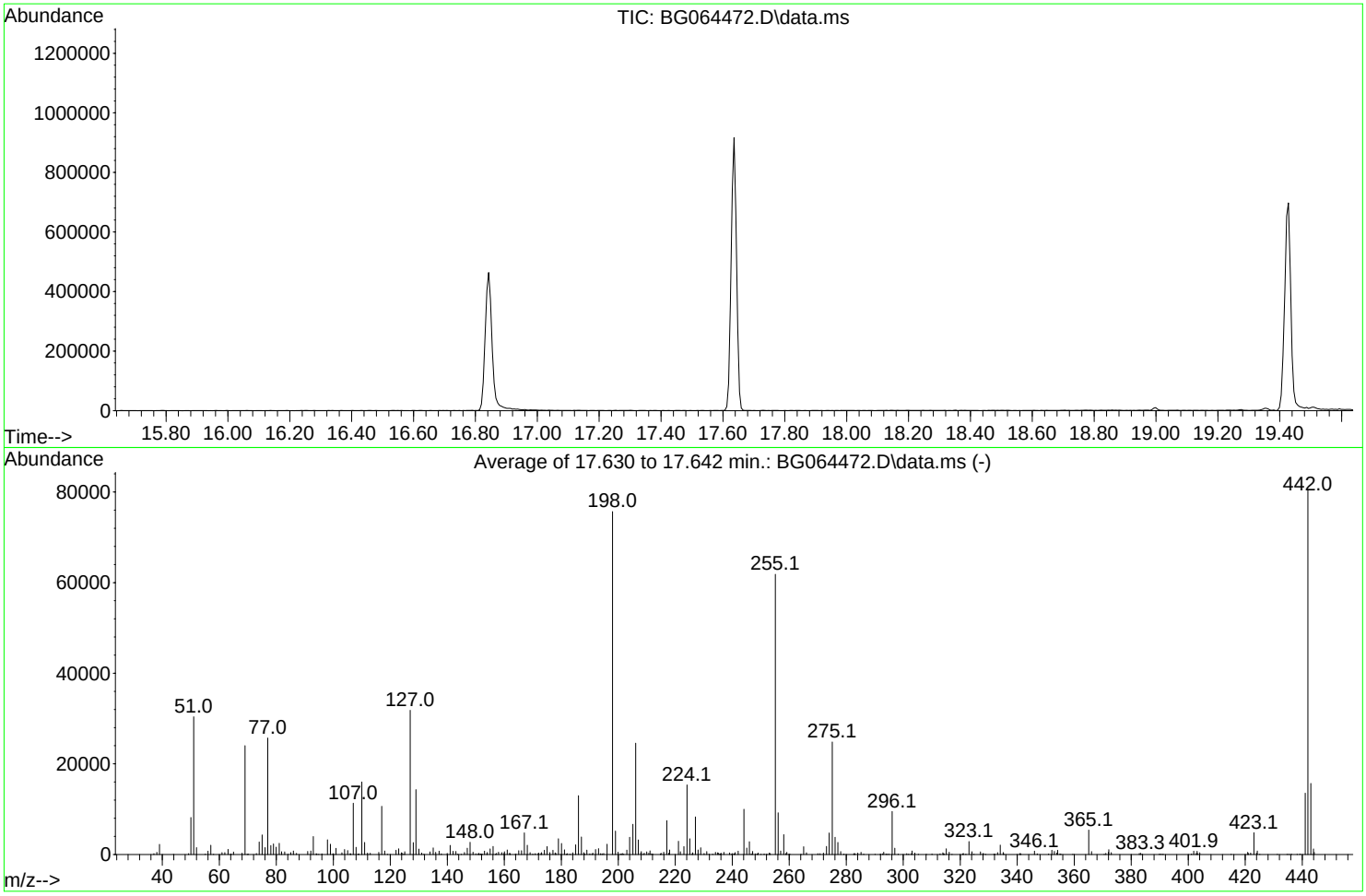
Date	Instrument Name	DFTPP Data File
10/21/2025	BNA_F	BF144008.D
Compound Name	**Response**	**Retention Time**
DDT	371363	13.58
DDD	9829	13.274
DDE	2408	12.939
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
12237	383600	3.19

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
Data File : BG064472.D
Acq On : 2 Oct 2025 8:21
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-BG100225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Oct 02 16:40:42 2025



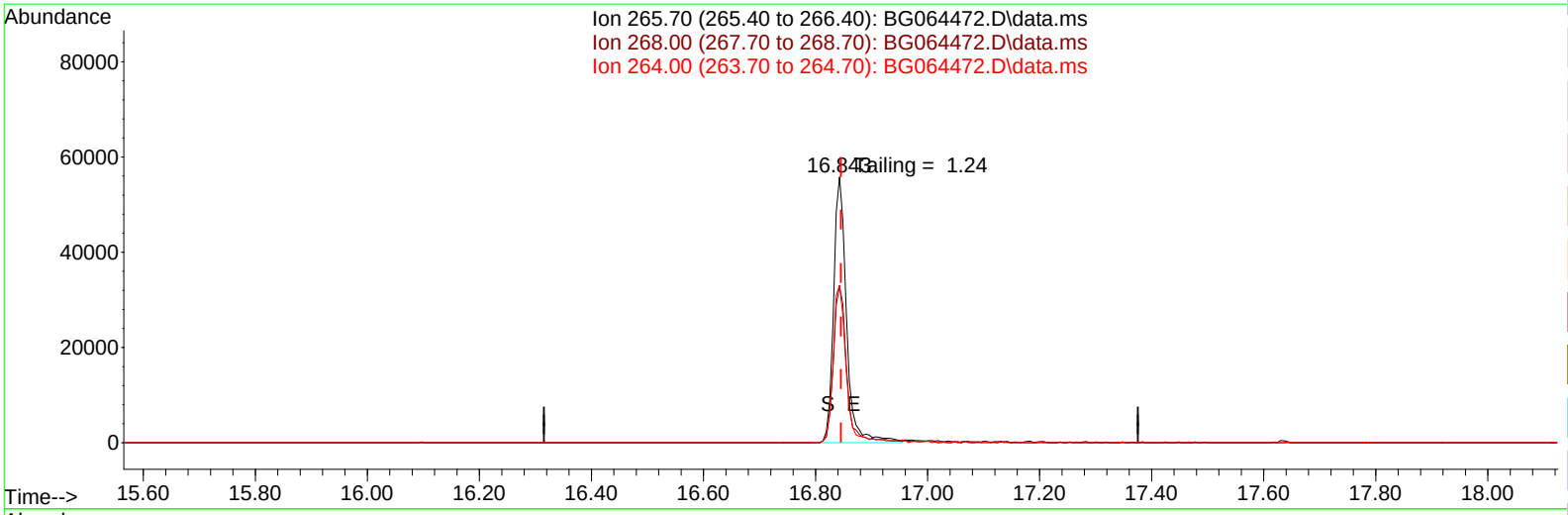
AutoFind: Scans 2475, 2476, 2477; Background Corrected with Scan 2468

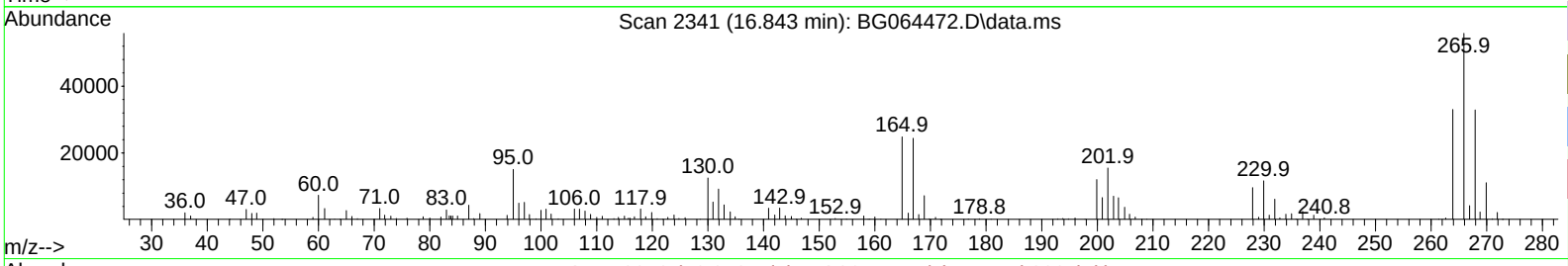
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.1	271	PASS
69	69	100	100	100.0	24008	PASS
70	69	0.00	2	0.4	100	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	75675	PASS
199	198	5	9	6.8	5168	PASS
365	198	1	100	7.1	5406	PASS
441	443	0.01	150	86.2	13521	PASS
442	442	100	100	100.0	80341	PASS
443	442	15	24	19.5	15684	PASS

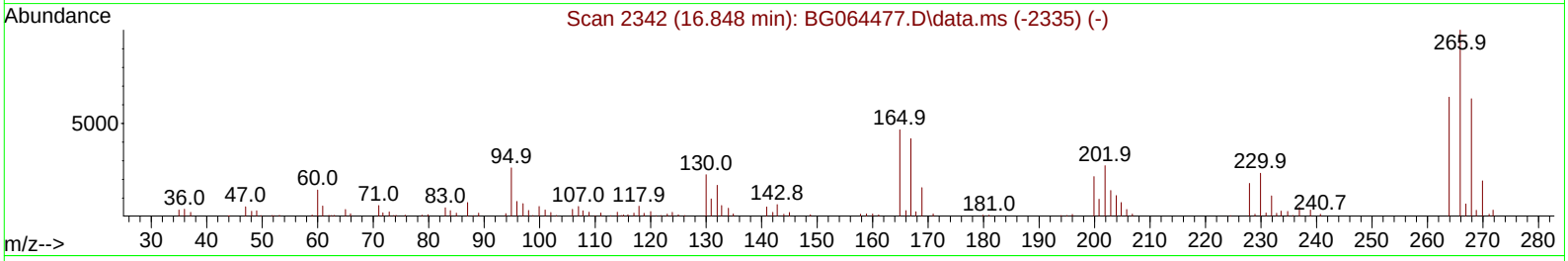
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
Data File : BG064472.D
Acq On : 2 Oct 2025 8:21
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Oct 02 18:07:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration







TIC: BG064472.D\data.ms

(70) Pentachlorophenol (C)

16.843min (-0.002) 190750.25 ng

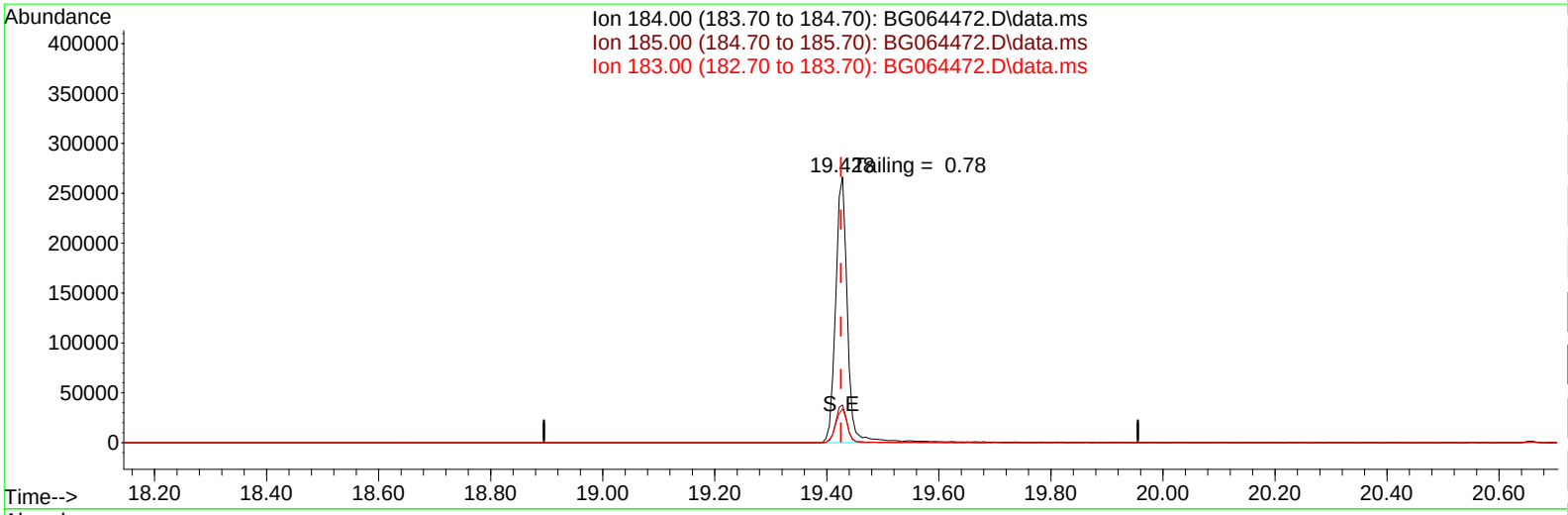
response 90109

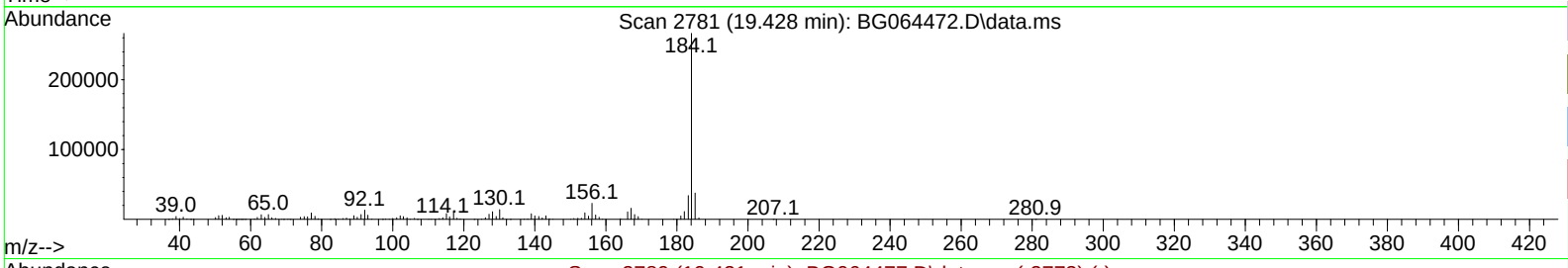
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.20	58.97
264.00	64.00	59.19
0.00	0.00	0.00

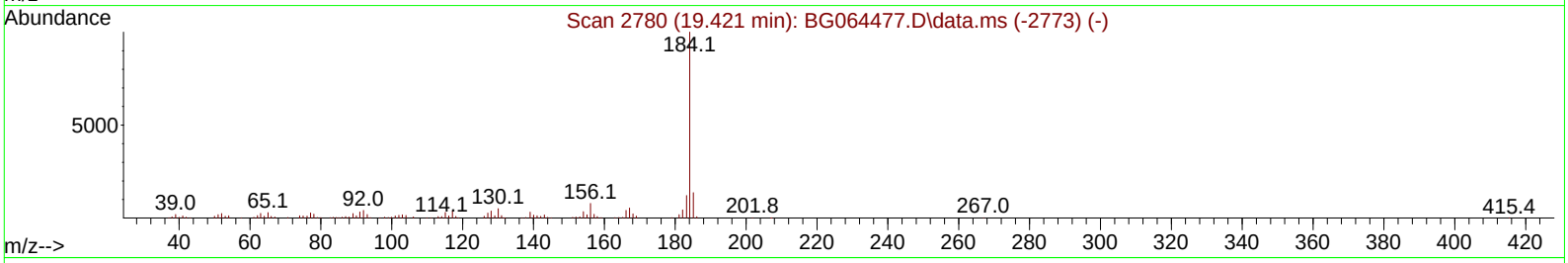
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
Data File : BG064472.D
Acq On : 2 Oct 2025 8:21
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Oct 02 18:07:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration







TIC: BG064472.D\data.ms

(77) Benzidine

19.428min (+ 0.003) 15488.27 ng

response 385018

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	13.60	14.19
183.00	12.20	12.79
0.00	0.00	0.00

Instrument :
BNA_G
ClientSampleId :
DFTPP

DDT Breakdown

Date	Instrument Name	DFTPP Data File
10/2/2025	BNA_G	BG064472.D
Compound Name	**Response**	**Retention Time**
DDT	287203	20.656
DDD	3381	20.221
DDE	0	19.728
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
3381	290584	1.16

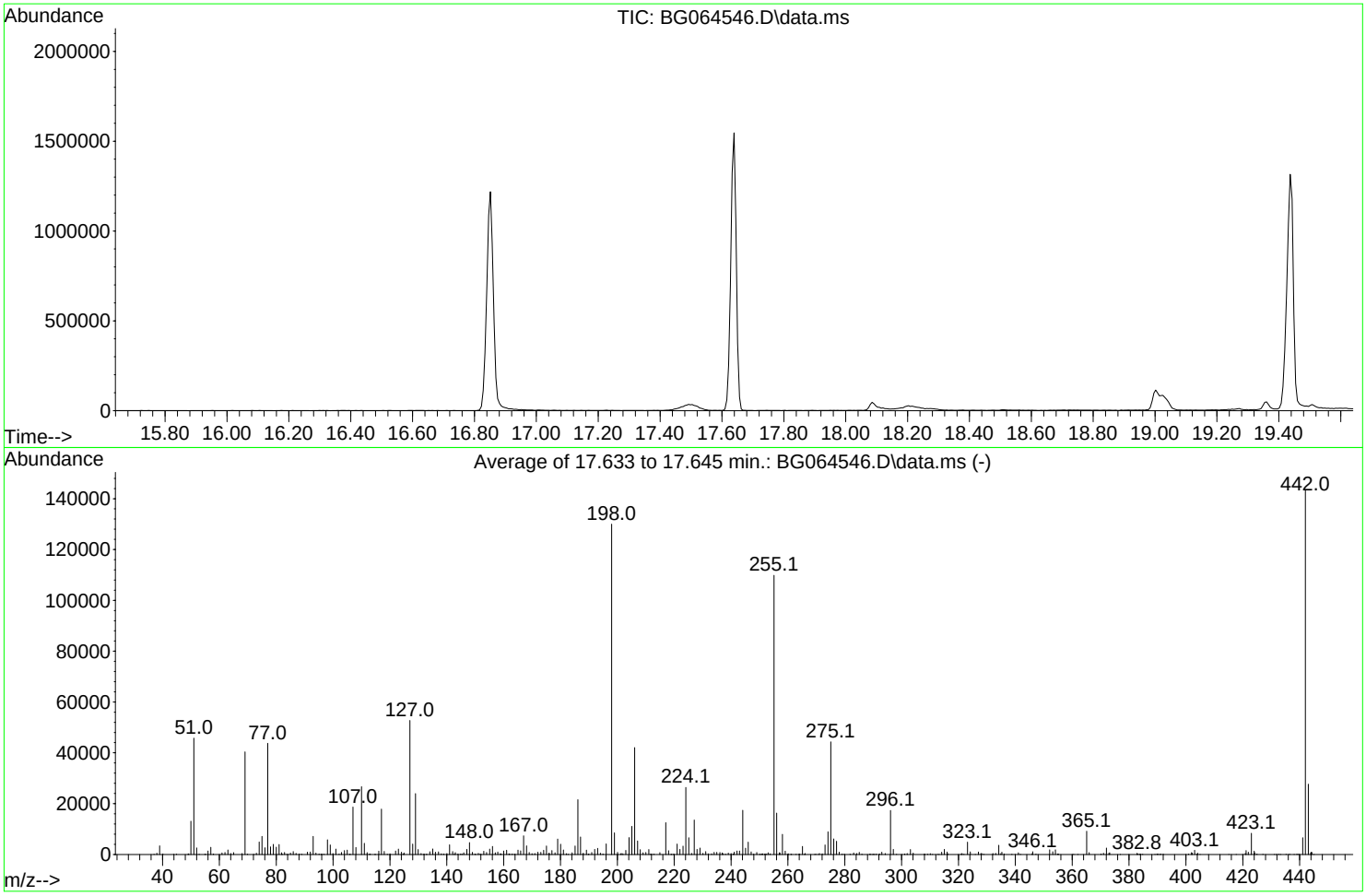
Sample Results: **BG064546.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
Data File : BG064546.D
Acq On : 20 Oct 2025 12:03
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-BG100225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Oct 02 16:40:42 2025



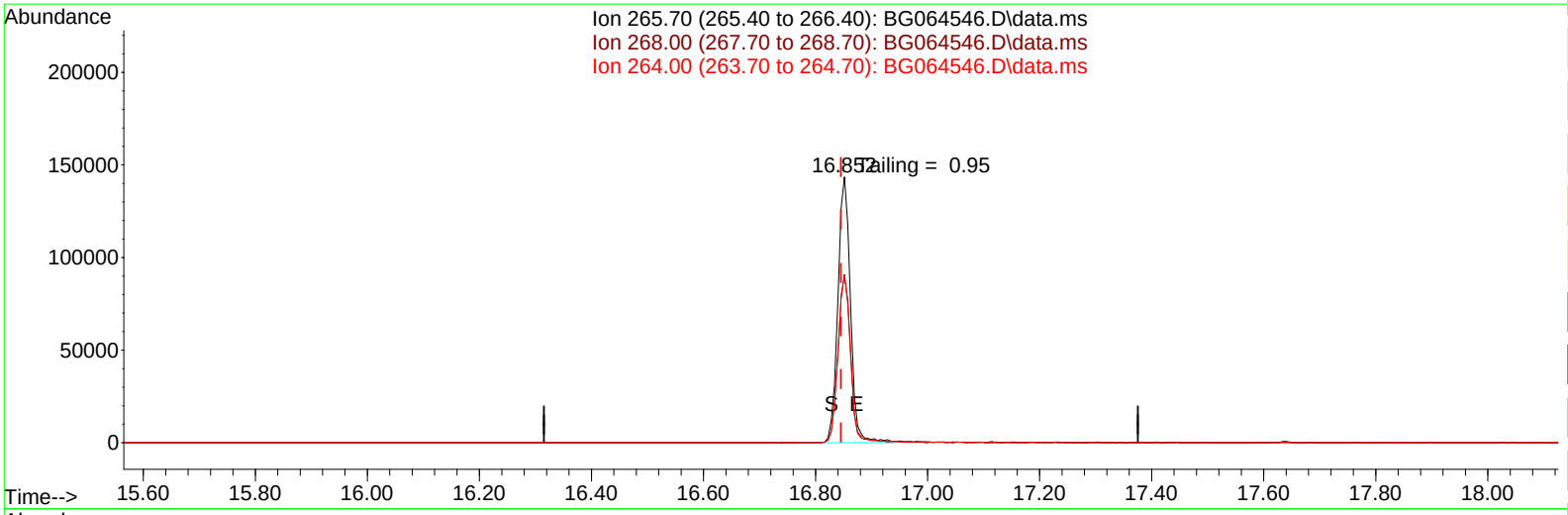
AutoFind: Scans 2475, 2476, 2477; Background Corrected with Scan 2468

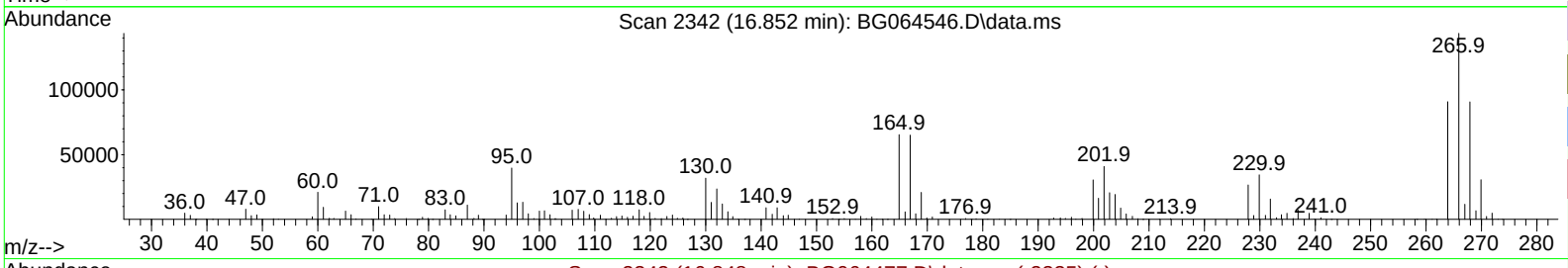
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	0.9	373	PASS
69	69	100	100	100.0	40344	PASS
70	69	0.00	2	0.3	129	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	129981	PASS
199	198	5	9	6.5	8483	PASS
365	198	1	100	7.0	9125	PASS
441	443	0.01	150	23.8	6576	PASS
442	442	100	100	100.0	143235	PASS
443	442	15	24	19.3	27637	PASS

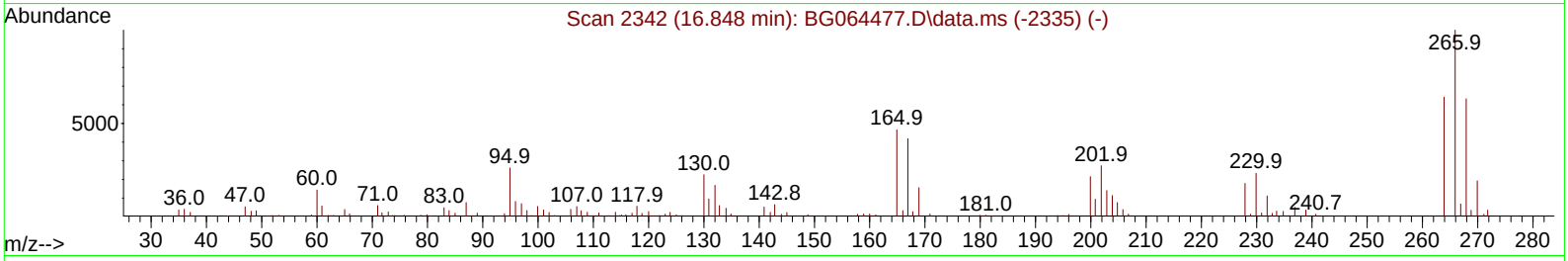
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
Data File : BG064546.D
Acq On : 20 Oct 2025 12:03
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Oct 20 15:49:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration







TIC: BG064546.D\data.ms

(70) Pentachlorophenol (C)

16.852min (+ 0.006) 508135.96 ng

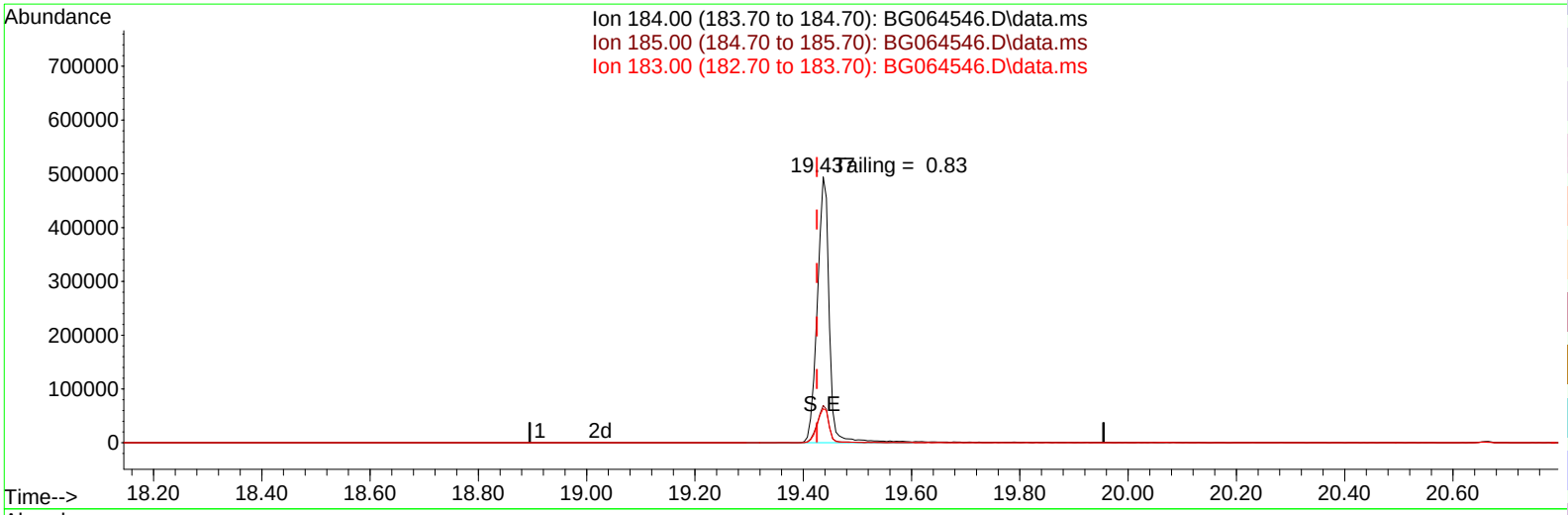
response 224037

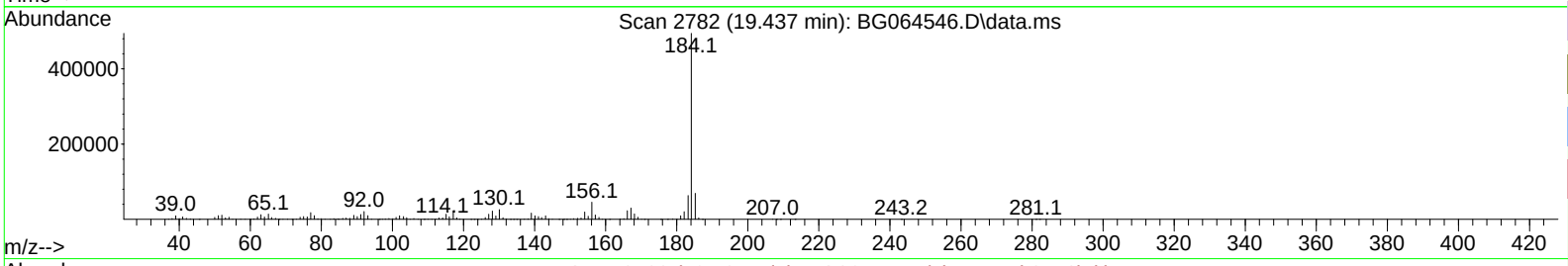
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.20	63.21
264.00	64.00	63.25
0.00	0.00	0.00

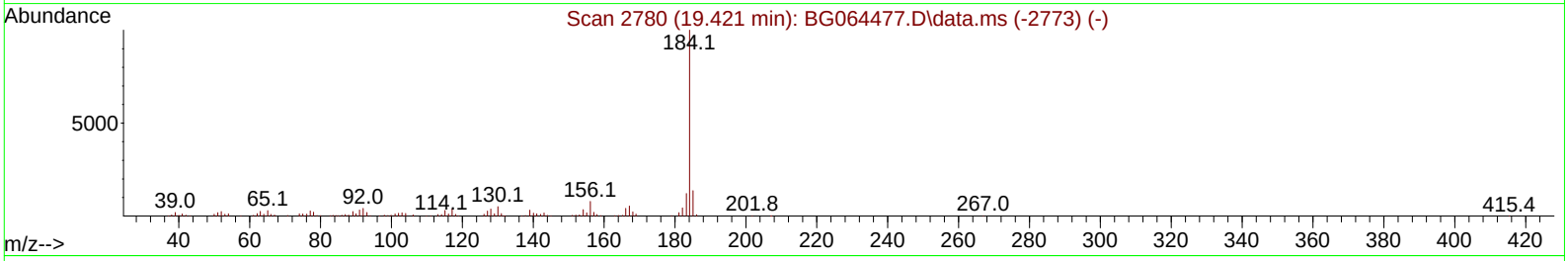
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
Data File : BG064546.D
Acq On : 20 Oct 2025 12:03
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Oct 20 15:49:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration







TIC: BG064546.D\data.ms

(77) Benzidine

19.437min (+ 0.012) 4548.02 ng m

response 771146

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	13.60	14.01
183.00	12.20	12.84
0.00	0.00	0.00

Instrument :
BNA_G
ClientSampleId :
DFTPP

DDT Breakdown

Date	Instrument Name	DFTPP Data File
10/20/2025	BNA_G	BG064546.D
Compound Name	**Response**	**Retention Time**
DDT	515751	20.665
DDD	4166	20.224
DDE	306	18.996
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
4472	520223	0.86

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

Report of Analysis

Client:	AECOM	Date Collected:	
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	
Client Sample ID:	PB170165BL	SDG No.:	Q3375
Lab Sample ID:	PB170165BL	Matrix:	SOIL
Analytical Method:	8270E Level : LOW	% Solid:	100
Sample Wt/Vol:	30.02 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/20/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	330	U	1	160	330	ug/Kg	10/20/25 13:44	PB170165
108-95-2	Phenol	170	U	1	22.1	170	ug/Kg	10/20/25 13:44	PB170165
111-44-4	bis(2-Chloroethyl)ether	170	U	1	24.3	170	ug/Kg	10/20/25 13:44	PB170165
95-57-8	2-Chlorophenol	170	U	1	24.4	170	ug/Kg	10/20/25 13:44	PB170165
95-48-7	2-Methylphenol	170	U	1	29.9	170	ug/Kg	10/20/25 13:44	PB170165
108-60-1	2,2-oxybis(1-Chloropropane)	170	U	1	37.5	170	ug/Kg	10/20/25 13:44	PB170165
98-86-2	Acetophenone	170	U	1	29.5	170	ug/Kg	10/20/25 13:44	PB170165
65794-96-9	3+4-Methylphenols	330	U	1	41.1	330	ug/Kg	10/20/25 13:44	PB170165
621-64-7	n-Nitroso-di-n-propylamine	79.9	U	1	47.4	79.9	ug/Kg	10/20/25 13:44	PB170165
67-72-1	Hexachloroethane	170	U	1	17.6	170	ug/Kg	10/20/25 13:44	PB170165
98-95-3	Nitrobenzene	170	U	1	18.3	170	ug/Kg	10/20/25 13:44	PB170165
78-59-1	Isophorone	170	U	1	32.8	170	ug/Kg	10/20/25 13:44	PB170165
88-75-5	2-Nitrophenol	170	U	1	58.2	170	ug/Kg	10/20/25 13:44	PB170165
105-67-9	2,4-Dimethylphenol	170	U	1	64.8	170	ug/Kg	10/20/25 13:44	PB170165
111-91-1	bis(2-Chloroethoxy)methane	170	U	1	30.8	170	ug/Kg	10/20/25 13:44	PB170165
120-83-2	2,4-Dichlorophenol	170	U	1	28.3	170	ug/Kg	10/20/25 13:44	PB170165
91-20-3	Naphthalene	170	U	1	22.7	170	ug/Kg	10/20/25 13:44	PB170165
106-47-8	4-Chloroaniline	170	U	1	35.4	170	ug/Kg	10/20/25 13:44	PB170165
87-68-3	Hexachlorobutadiene	170	U	1	25.3	170	ug/Kg	10/20/25 13:44	PB170165
105-60-2	Caprolactam	330	U	1	52.1	330	ug/Kg	10/20/25 13:44	PB170165
59-50-7	4-Chloro-3-methylphenol	170	U	1	28.7	170	ug/Kg	10/20/25 13:44	PB170165
91-57-6	2-Methylnaphthalene	170	U	1	25.6	170	ug/Kg	10/20/25 13:44	PB170165
77-47-4	Hexachlorocyclopentadiene	330	U	1	120	330	ug/Kg	10/20/25 13:44	PB170165
88-06-2	2,4,6-Trichlorophenol	170	U	1	19.8	170	ug/Kg	10/20/25 13:44	PB170165
95-95-4	2,4,5-Trichlorophenol	170	U	1	29.1	170	ug/Kg	10/20/25 13:44	PB170165
92-52-4	1,1-Biphenyl	170	U	1	21.8	170	ug/Kg	10/20/25 13:44	PB170165
91-58-7	2-Chloronaphthalene	170	U	1	22.5	170	ug/Kg	10/20/25 13:44	PB170165
88-74-4	2-Nitroaniline	170	U	1	48.1	170	ug/Kg	10/20/25 13:44	PB170165
131-11-3	Dimethylphthalate	170	U	1	27.1	170	ug/Kg	10/20/25 13:44	PB170165
208-96-8	Acenaphthylene	170	U	1	28.9	170	ug/Kg	10/20/25 13:44	PB170165
606-20-2	2,6-Dinitrotoluene	170	U	1	33.6	170	ug/Kg	10/20/25 13:44	PB170165
99-09-2	3-Nitroaniline	170	U	1	46.0	170	ug/Kg	10/20/25 13:44	PB170165
83-32-9	Acenaphthene	170	U	1	21.3	170	ug/Kg	10/20/25 13:44	PB170165
51-28-5	2,4-Dinitrophenol	330	U	1	230	330	ug/Kg	10/20/25 13:44	PB170165
100-02-7	4-Nitrophenol	330	U	1	110	330	ug/Kg	10/20/25 13:44	PB170165
132-64-9	Dibenzofuran	170	U	1	22.7	170	ug/Kg	10/20/25 13:44	PB170165
121-14-2	2,4-Dinitrotoluene	170	U	1	50.1	170	ug/Kg	10/20/25 13:44	PB170165
84-66-2	Diethylphthalate	170	U	1	28.3	170	ug/Kg	10/20/25 13:44	PB170165
7005-72-3	4-Chlorophenyl-phenylether	170	U	1	26.7	170	ug/Kg	10/20/25 13:44	PB170165
86-73-7	Fluorene	170	U	1	25.3	170	ug/Kg	10/20/25 13:44	PB170165
100-01-6	4-Nitroaniline	170	U	1	64.2	170	ug/Kg	10/20/25 13:44	PB170165
534-52-1	4,6-Dinitro-2-methylphenol	330	U	1	100	330	ug/Kg	10/20/25 13:44	PB170165

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

Report of Analysis

Client:	AECOM	Date Collected:	
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	
Client Sample ID:	PB170165BL	SDG No.:	Q3375
Lab Sample ID:	PB170165BL	Matrix:	SOIL
Analytical Method:	8270E Level : LOW	% Solid:	100
Sample Wt/Vol:	30.02 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/20/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	170	U	1	32.9	170	ug/Kg	10/20/25 13:44	PB170165
101-55-3	4-Bromophenyl-phenylether	170	U	1	27.8	170	ug/Kg	10/20/25 13:44	PB170165
118-74-1	Hexachlorobenzene	170	U	1	25.3	170	ug/Kg	10/20/25 13:44	PB170165
1912-24-9	Atrazine	170	U	1	34.0	170	ug/Kg	10/20/25 13:44	PB170165
87-86-5	Pentachlorophenol	330	U	1	51.3	330	ug/Kg	10/20/25 13:44	PB170165
85-01-8	Phenanthrene	170	U	1	20.9	170	ug/Kg	10/20/25 13:44	PB170165
120-12-7	Anthracene	170	U	1	33.3	170	ug/Kg	10/20/25 13:44	PB170165
86-74-8	Carbazole	170	U	1	31.2	170	ug/Kg	10/20/25 13:44	PB170165
84-74-2	Di-n-butylphthalate	170	U	1	47.9	170	ug/Kg	10/20/25 13:44	PB170165
206-44-0	Fluoranthene	170	U	1	30.0	170	ug/Kg	10/20/25 13:44	PB170165
129-00-0	Pyrene	170	U	1	36.0	170	ug/Kg	10/20/25 13:44	PB170165
85-68-7	Butylbenzylphthalate	170	U	1	71.4	170	ug/Kg	10/20/25 13:44	PB170165
91-94-1	3,3-Dichlorobenzidine	330	U	1	36.7	330	ug/Kg	10/20/25 13:44	PB170165
56-55-3	Benzo(a)anthracene	170	U	1	23.0	170	ug/Kg	10/20/25 13:44	PB170165
218-01-9	Chrysene	170	U	1	19.9	170	ug/Kg	10/20/25 13:44	PB170165
117-81-7	Bis(2-ethylhexyl)phthalate	170	U	1	59.2	170	ug/Kg	10/20/25 13:44	PB170165
117-84-0	Di-n-octyl phthalate	330	U	1	86.7	330	ug/Kg	10/20/25 13:44	PB170165
205-99-2	Benzo(b)fluoranthene	170	U	1	19.0	170	ug/Kg	10/20/25 13:44	PB170165
207-08-9	Benzo(k)fluoranthene	170	U	1	22.4	170	ug/Kg	10/20/25 13:44	PB170165
50-32-8	Benzo(a)pyrene	170	U	1	29.5	170	ug/Kg	10/20/25 13:44	PB170165
193-39-5	Indeno(1,2,3-cd)pyrene	170	U	1	29.1	170	ug/Kg	10/20/25 13:44	PB170165
53-70-3	Dibenzo(a,h)anthracene	170	U	1	27.4	170	ug/Kg	10/20/25 13:44	PB170165
191-24-2	Benzo(g,h,i)perylene	170	U	1	25.7	170	ug/Kg	10/20/25 13:44	PB170165
95-94-3	1,2,4,5-Tetrachlorobenzene	170	U	1	25.6	170	ug/Kg	10/20/25 13:44	PB170165
123-91-1	1,4-Dioxane	170	U	1	45.2	170	ug/Kg	10/20/25 13:44	PB170165
58-90-2	2,3,4,6-Tetrachlorophenol	170	U	1	27.4	170	ug/Kg	10/20/25 13:44	PB170165
SURROGATES									
367-12-4	2-Fluorophenol	143			18 - 112	95%	SPK: 150		
13127-88-3	Phenol-d6	133			15 - 107	89%	SPK: 150		
4165-60-0	Nitrobenzene-d5	96.4			18 - 107	96%	SPK: 100		
321-60-8	2-Fluorobiphenyl	96.2			20 - 109	96%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	158			10 - 116	105%	SPK: 150		
1718-51-0	Terphenyl-d14	103			10 - 105	103%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	14400							
1146-65-2	Naphthalene-d8	55200							
15067-26-2	Acenaphthene-d10	43900							
1517-22-2	Phenanthrene-d10	117000							
1719-03-5	Chrysene-d12	124000							
1520-96-3	Perylene-d12	135000							

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

Report of Analysis

Client:	AECOM			Date Collected:	
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206			Date Received:	
Client Sample ID:	PB170165BL			SDG No.:	Q3375
Lab Sample ID:	PB170165BL			Matrix:	SOIL
Analytical Method:	8270E	Level :	LOW	% Solid:	100
Sample Wt/Vol:	30.02 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	10/20/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	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\BG102025\
Data File : BG064548.D
Acq On : 20 Oct 2025 13:44
Operator : RC/JU
Sample : PB170165BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170165BL

Quant Time: Oct 20 14:55:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

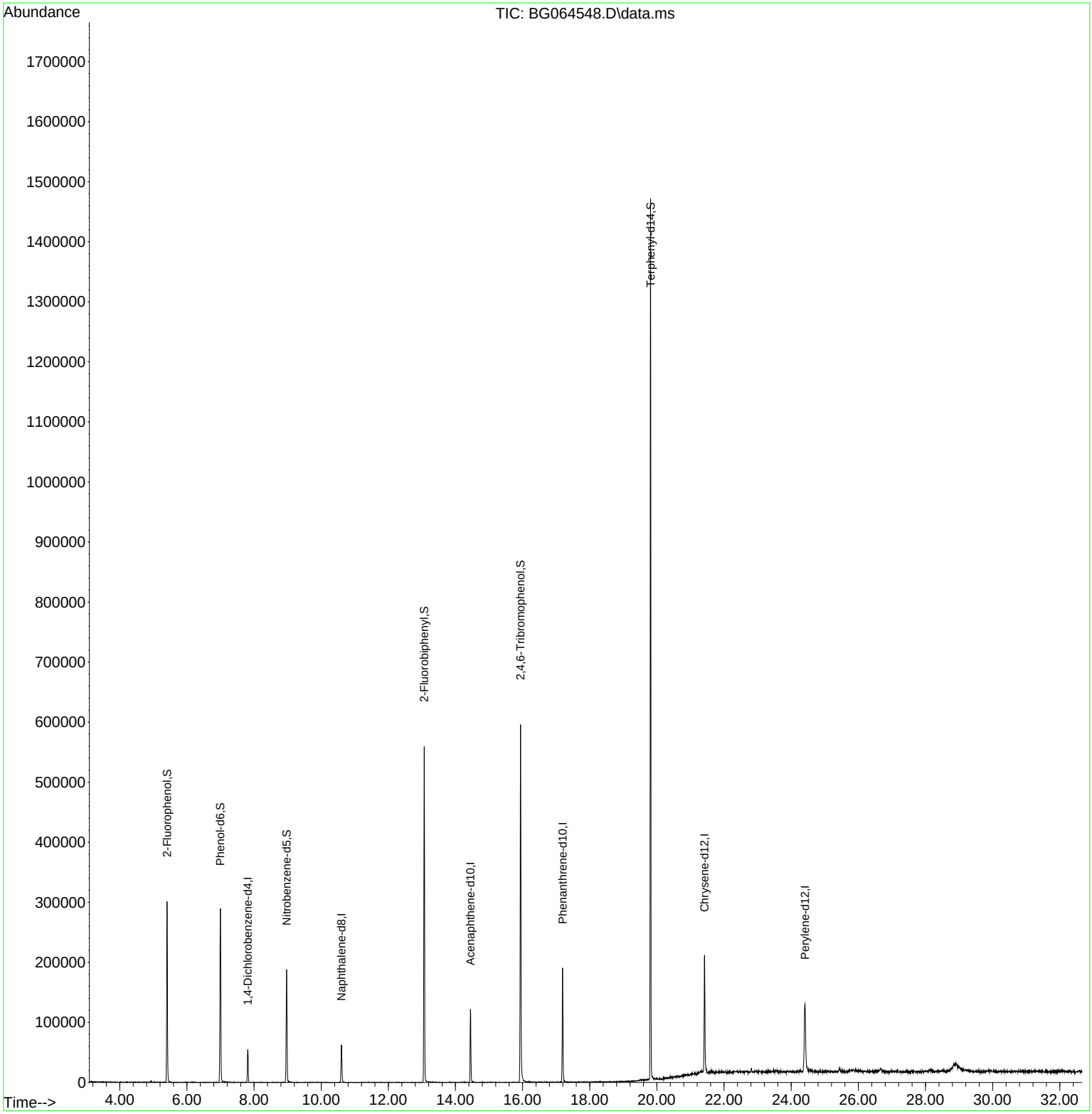
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	14412	20.000	ng	# 0.00
21) Naphthalene-d8	10.603	136	55177	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	43937	20.000	ng	0.00
64) Phenanthrene-d10	17.189	188	117288	20.000	ng	0.00
76) Chrysene-d12	21.414	240	124365	20.000	ng	0.00
86) Perylene-d12	24.410	264	134795	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.409	112	111386	143.034	ng	0.00
7) Phenol-d6	6.995	99	139419	133.224	ng	0.00
23) Nitrobenzene-d5	8.970	82	98938	96.415	ng	0.00
42) 2,4,6-Tribromophenol	15.938	330	125958	158.155	ng	0.00
45) 2-Fluorobiphenyl	13.071	172	286706	96.184	ng	0.00
79) Terphenyl-d14	19.810	244	678969	103.321	ng	0.00
Target Compounds						Qvalue

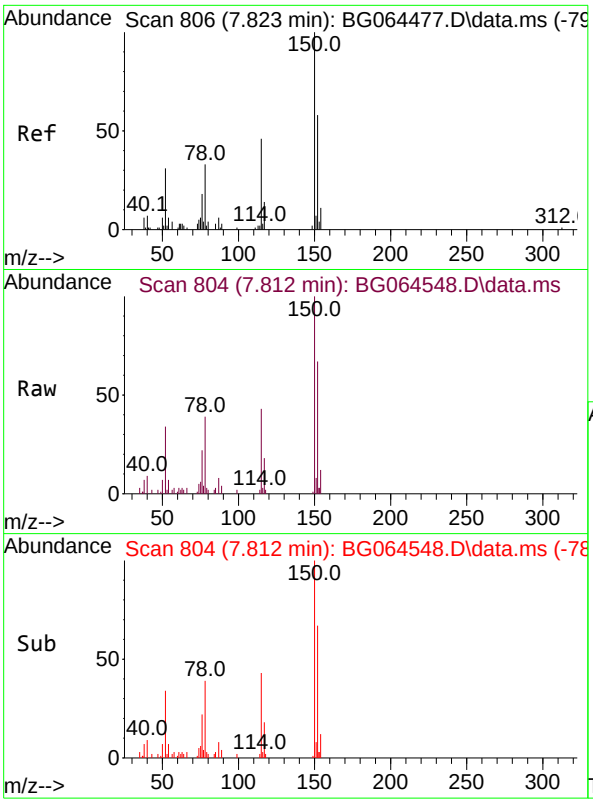
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
Data File : BG064548.D
Acq On : 20 Oct 2025 13:44
Operator : RC/JU
Sample : PB170165BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170165BL

Quant Time: Oct 20 14:55:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration



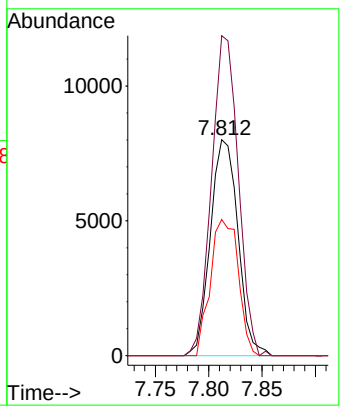


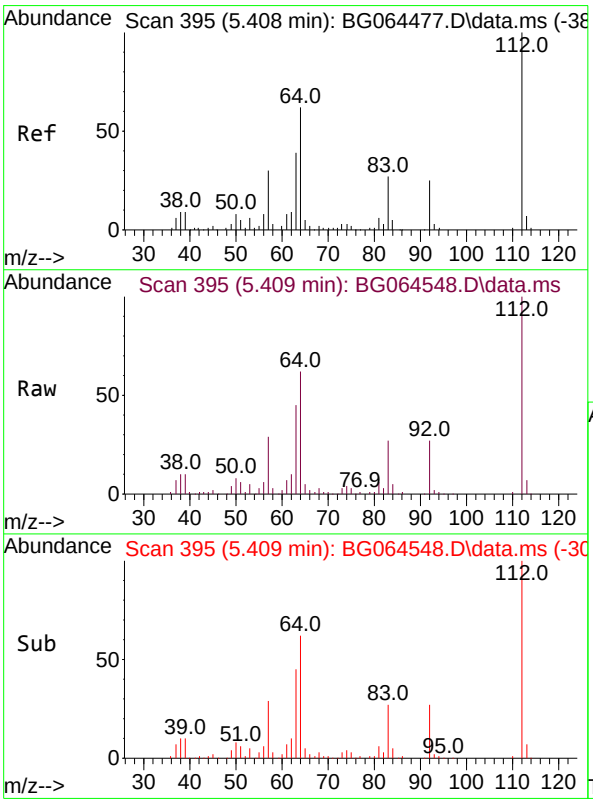
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 80
Delta R.T. -0.008 min
Lab File: BG064548.D
Acq: 20 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
PB170165BL

Tgt Ion:152 Resp: 14412

Ion	Ratio	Lower	Upper
152	100		
150	148.2	138.6	207.8
115	63.1	63.4	95.2#

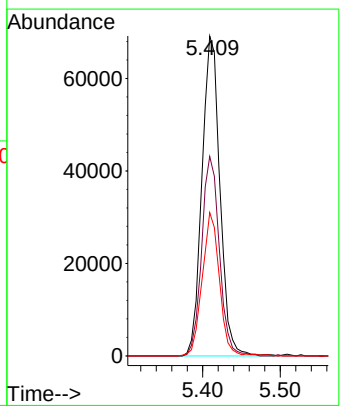


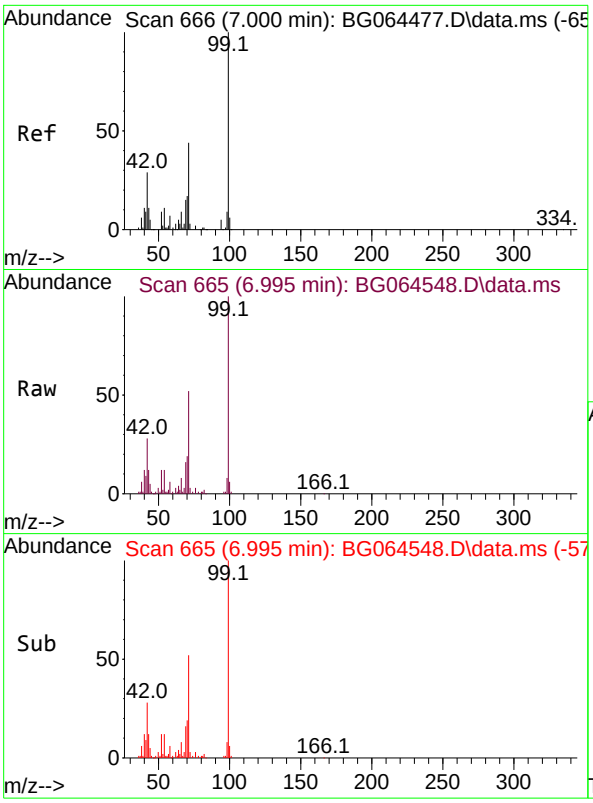


#5
2-Fluorophenol
Concen: 143.034 ng
RT: 5.409 min Scan# 395
Delta R.T. 0.003 min
Lab File: BG064548.D
Acq: 20 Oct 2025 13:44

Tgt Ion:112 Resp: 111386

Ion	Ratio	Lower	Upper
112	100		
64	62.3	49.8	74.8
63	44.8	31.3	46.9



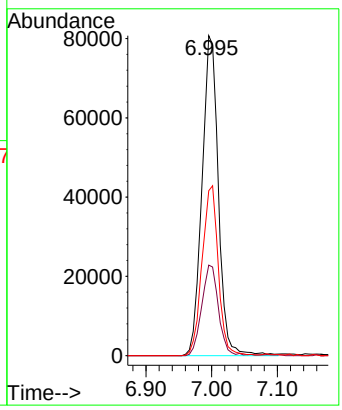


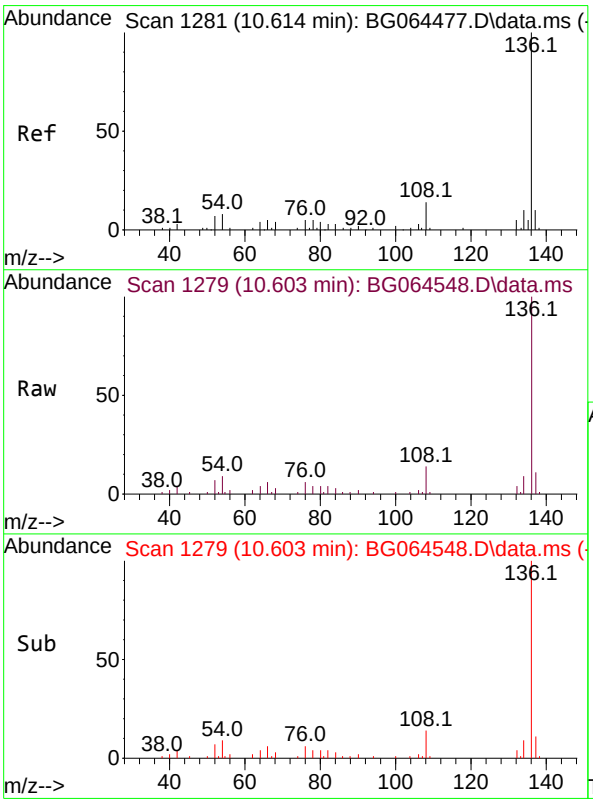
#7
Phenol-d6
Concen: 133.224 ng
RT: 6.995 min Scan# 6
Delta R.T. 0.009 min
Lab File: BG064548.D
Acq: 20 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
PB170165BL

Tgt Ion: 99 Resp: 139419

Ion	Ratio	Lower	Upper
99	100		
42	28.3	22.9	34.3
71	51.6	35.4	53.2

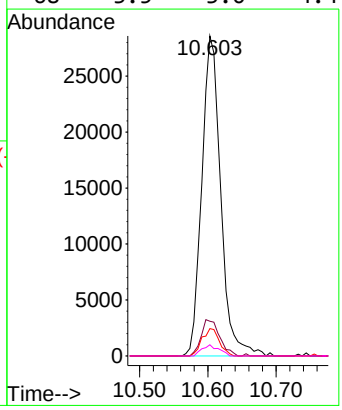


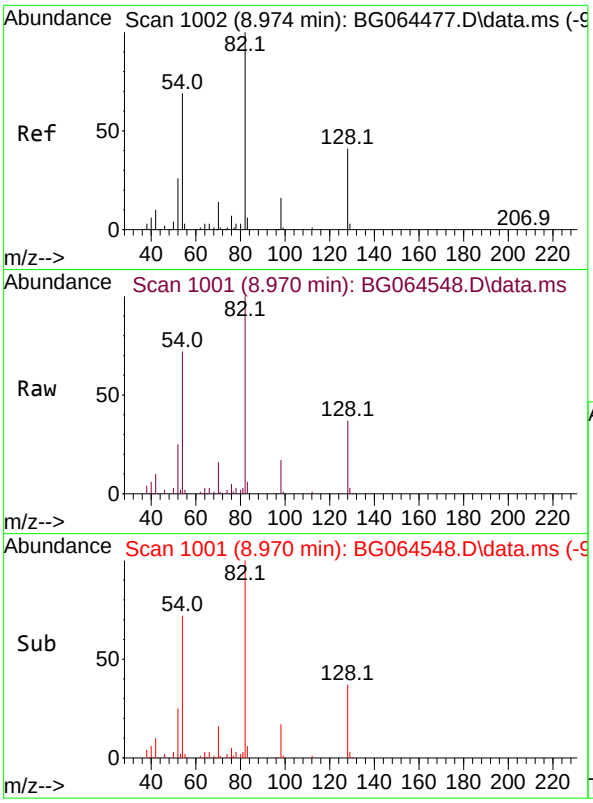


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.603 min Scan# 1279
Delta R.T. -0.003 min
Lab File: BG064548.D
Acq: 20 Oct 2025 13:44

Tgt Ion:136 Resp: 55177

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.3	12.5
54	9.2	6.2	9.4
68	3.5	3.0	4.4



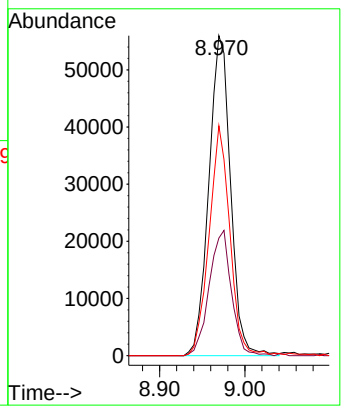


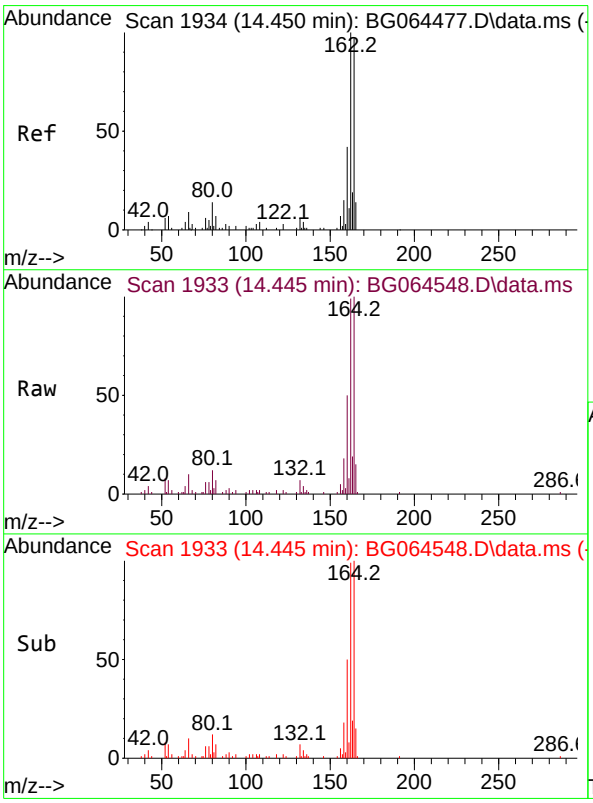
#23
Nitrobenzene-d5
Concen: 96.415 ng
RT: 8.970 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG064548.D
Acq: 20 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
PB170165BL

Tgt Ion: 82 Resp: 98938

Ion	Ratio	Lower	Upper
82	100		
128	36.7	33.1	49.7
54	71.8	55.4	83.2

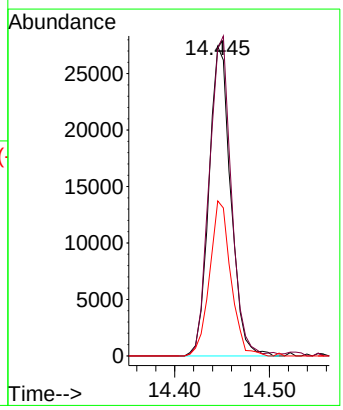


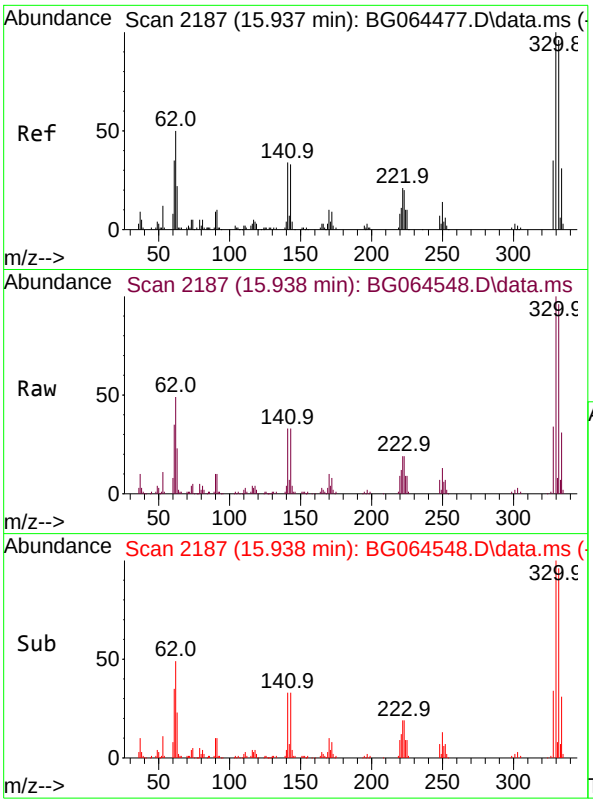


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1933
Delta R.T. -0.003 min
Lab File: BG064548.D
Acq: 20 Oct 2025 13:44

Tgt Ion:164 Resp: 43937

Ion	Ratio	Lower	Upper
164	100		
162	99.4	82.2	123.2
160	50.1	34.3	51.5



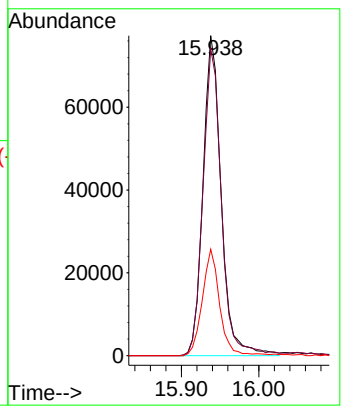


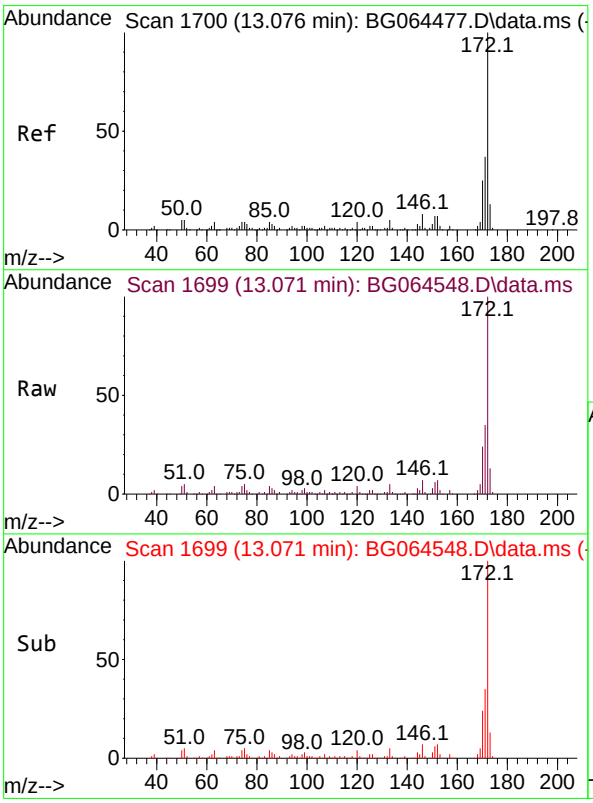
#42
2,4,6-Tribromophenol
Concen: 158.155 ng
RT: 15.938 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG064548.D
Acq: 20 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
PB170165BL

Tgt Ion:330 Resp: 125958

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.4	116.0
141	32.2	25.8	38.6

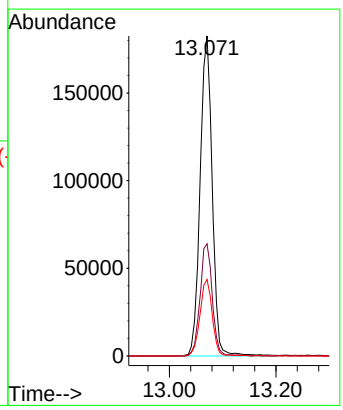


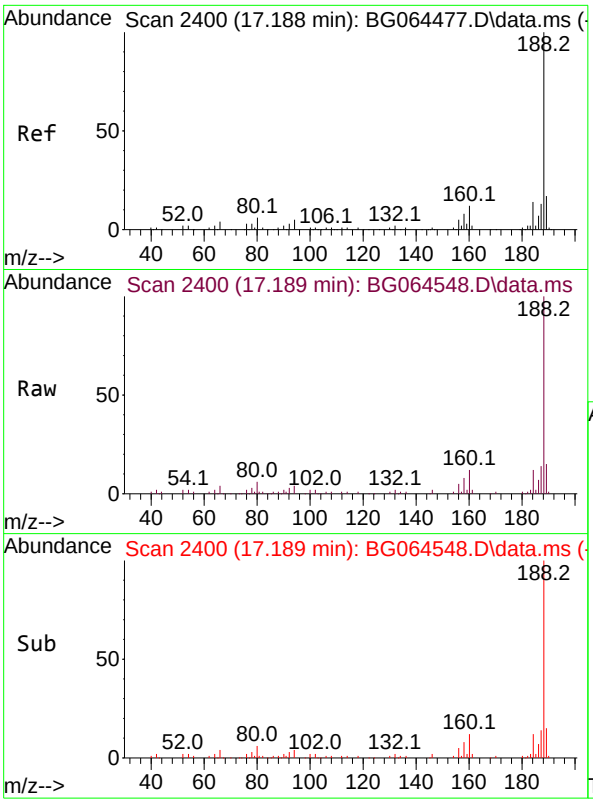


#45
2-Fluorobiphenyl
Concen: 96.184 ng
RT: 13.071 min Scan# 1699
Delta R.T. 0.003 min
Lab File: BG064548.D
Acq: 20 Oct 2025 13:44

Tgt Ion:172 Resp: 286706

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.6	44.4
170	23.9	20.2	30.2



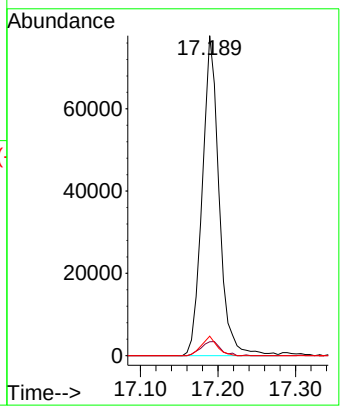


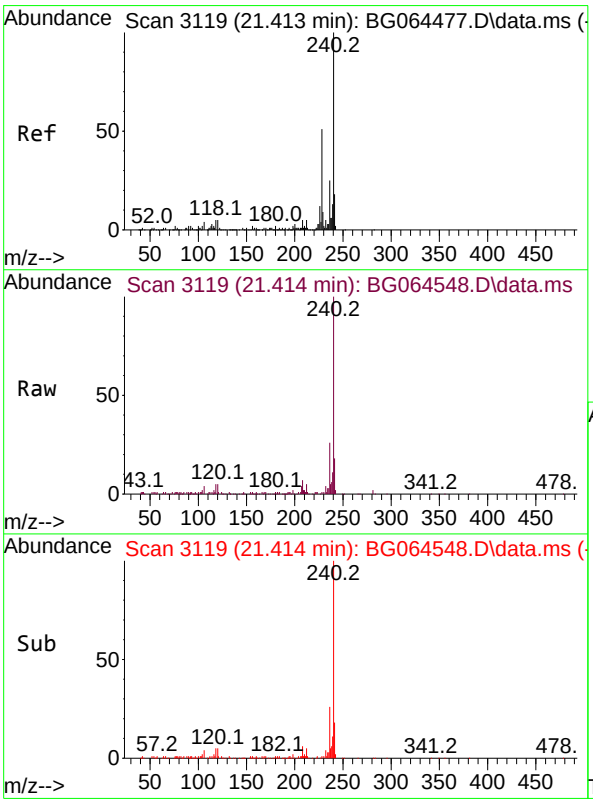
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 24
Delta R.T. 0.003 min
Lab File: BG064548.D
Acq: 20 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
PB170165BL

Tgt Ion:188 Resp: 117288

Ion	Ratio	Lower	Upper
188	100		
94	4.3	3.7	5.5
80	6.1	4.5	6.7

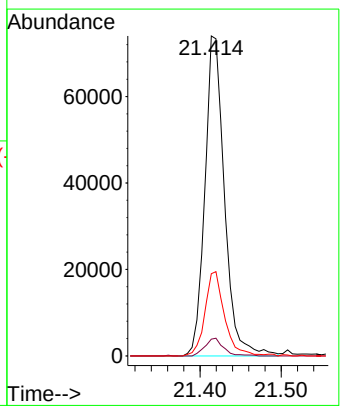


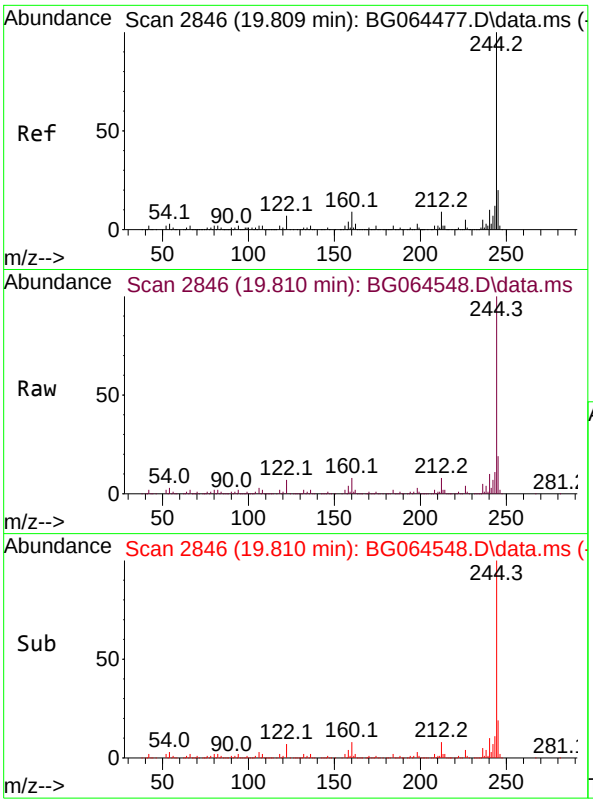


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.414 min Scan# 3119
Delta R.T. 0.004 min
Lab File: BG064548.D
Acq: 20 Oct 2025 13:44

Tgt Ion:240 Resp: 124365

Ion	Ratio	Lower	Upper
240	100		
120	5.2	4.3	6.5
236	25.7	20.4	30.6



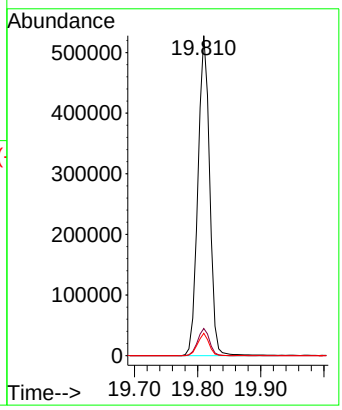


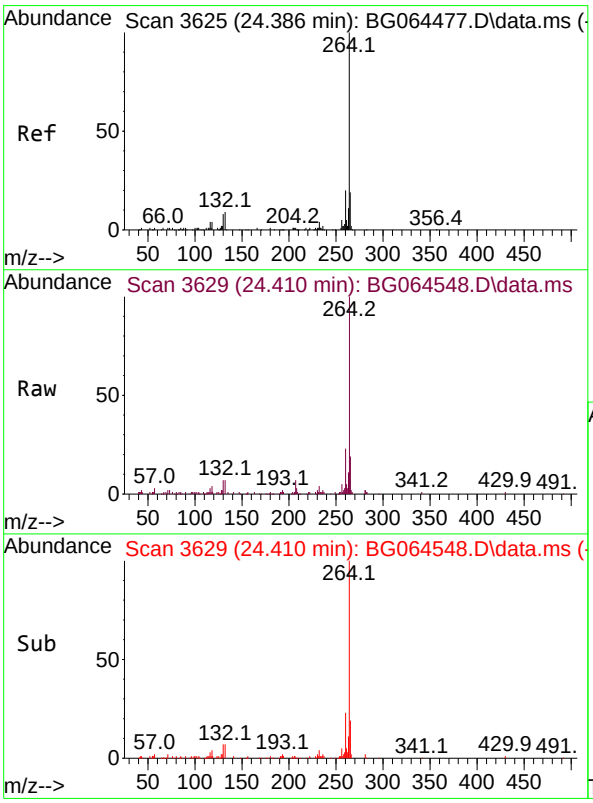
#79
Terphenyl-d14
Concen: 103.321 ng
RT: 19.810 min Scan# 2
Delta R.T. 0.003 min
Lab File: BG064548.D
Acq: 20 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
PB170165BL

Tgt Ion:244 Resp: 678969

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.6
122	7.0	5.6	8.4

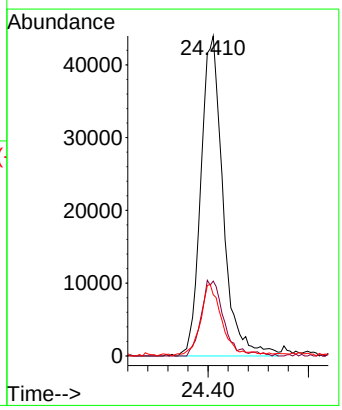




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.410 min Scan# 3629
Delta R.T. 0.021 min
Lab File: BG064548.D
Acq: 20 Oct 2025 13:44

Tgt Ion:264 Resp: 134795

Ion	Ratio	Lower	Upper
264	100		
260	23.4	16.2	24.4
265	19.1	15.0	22.4



Sample Results: **BG064548.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
Data File : BG064548.D
Acq On : 20 Oct 2025 13:44
Operator : RC/JU
Sample : PB170165BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170165BL

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-BG100225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064548.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.409	387	395	406	rBV	301753	481857	25.69%	7.617%
2	7.001	658	666	675	rBV	289622	505654	26.96%	7.993%
3	7.812	798	804	812	rBV	54563	91294	4.87%	1.443%
4	8.970	994	1001	1012	rBV	188022	336203	17.93%	5.314%
5	10.603	1273	1279	1290	rBV	62445	117726	6.28%	1.861%
6	13.071	1692	1699	1707	rBV	558315	866387	46.20%	13.695%
7	14.445	1926	1933	1941	rBV	121901	191629	10.22%	3.029%
8	15.938	2180	2187	2202	rBV	595616	937396	49.99%	14.818%
9	17.189	2394	2400	2412	rBV	190339	285650	15.23%	4.515%
10	19.810	2840	2846	2855	rBV	1465912	1875319	100.00%	29.644%
11	21.420	3114	3120	3129	rBV	192282	316348	16.87%	5.001%
12	24.410	3619	3629	3638	rBV2	111010	320693	17.10%	5.069%

Sum of corrected areas: 6326156

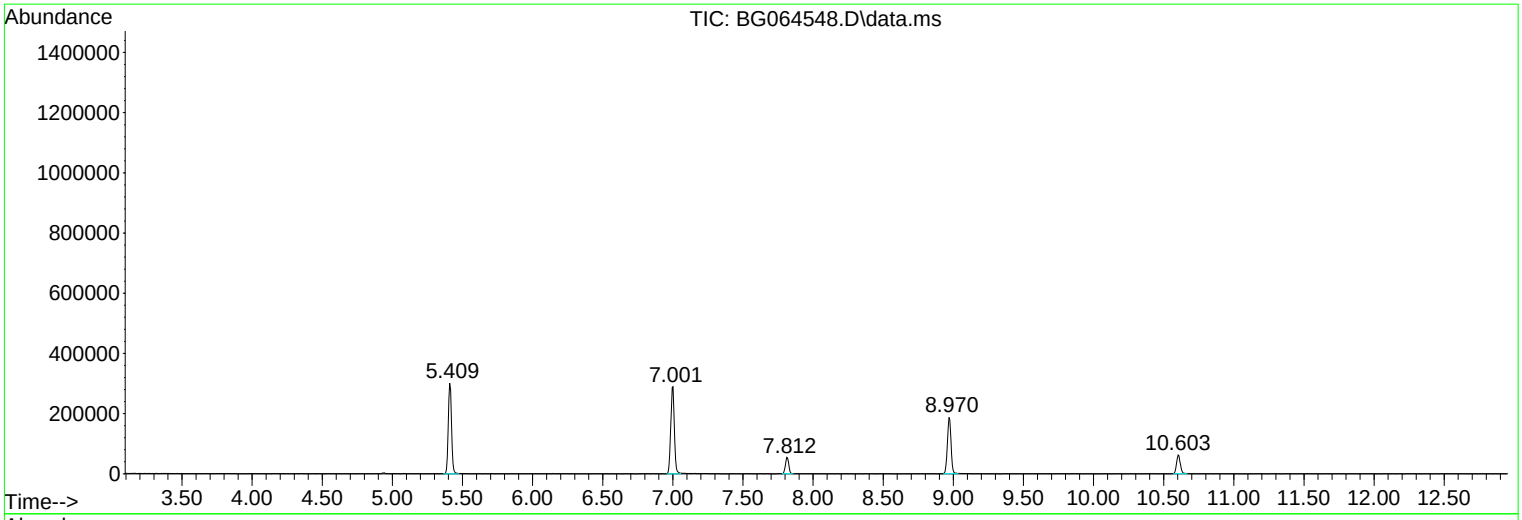
Sample Results: **BG064548.D**

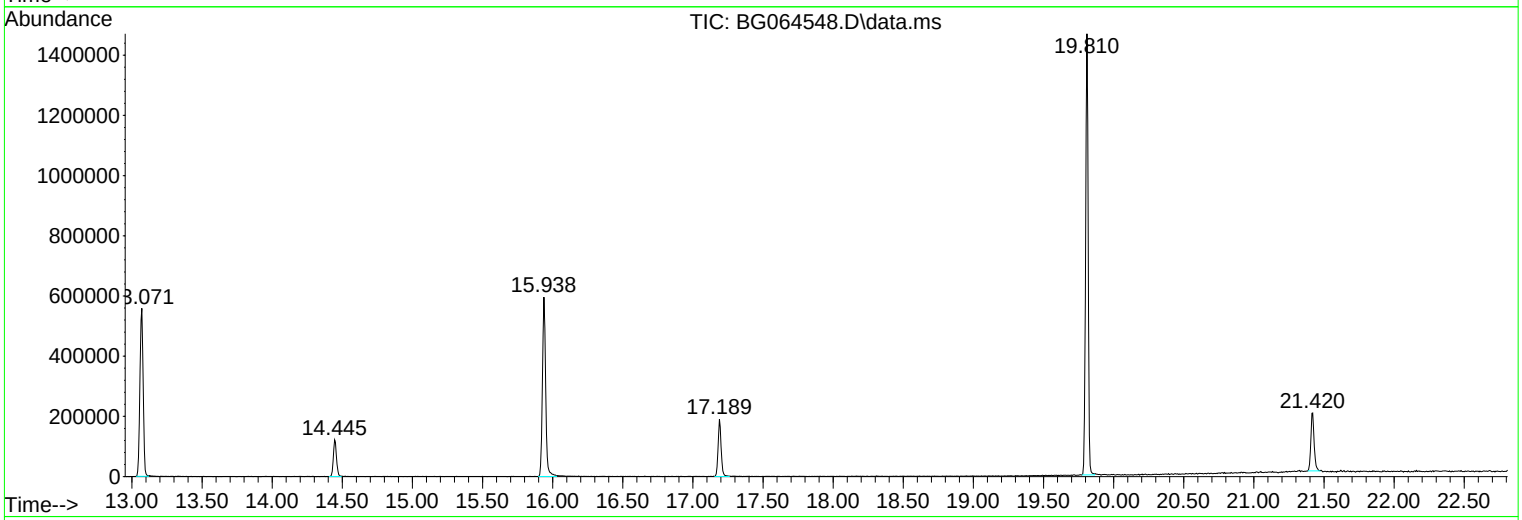
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
Data File : BG064548.D
Acq On : 20 Oct 2025 13:44
Operator : RC/JU
Sample : PB170165BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

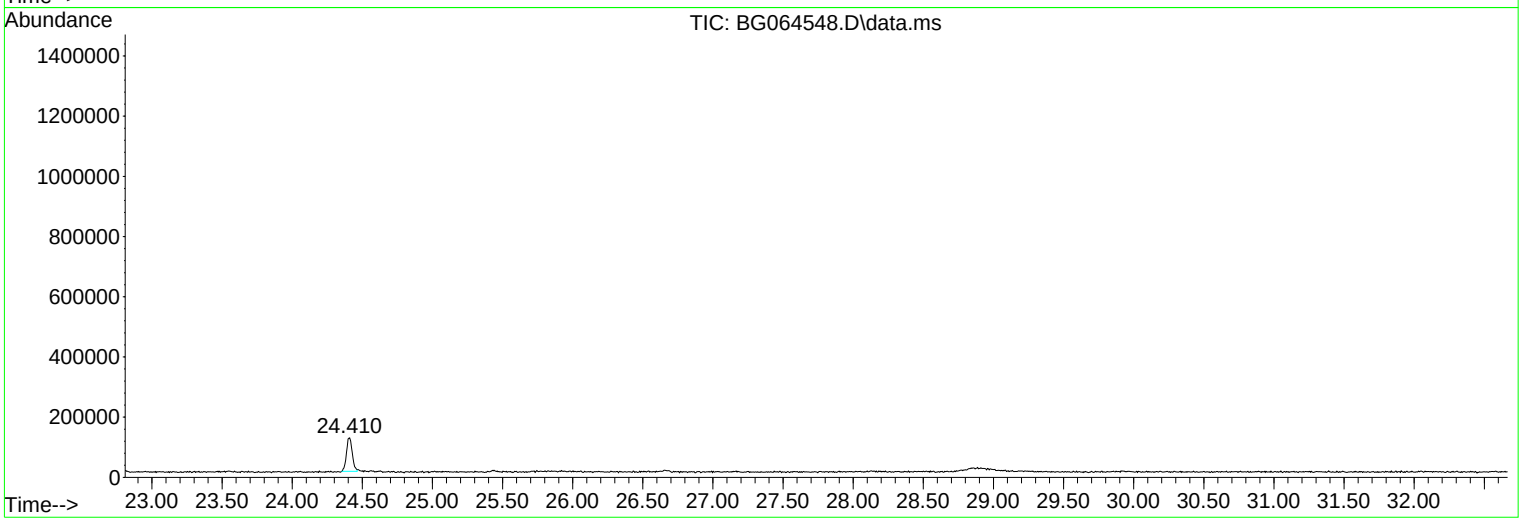
Instrument :
BNA_G
ClientSampleId :
PB170165BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.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\BG102025\
Data File : BG064548.D
Acq On : 20 Oct 2025 13:44
Operator : RC/JU
Sample : PB170165BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170165BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.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
****

Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
Data File : BG064548.D
Acq On : 20 Oct 2025 13:44
Operator : RC/JU
Sample : PB170165BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170165BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.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:	AECOM	Date Collected:	
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	
Client Sample ID:	PB170165BS	SDG No.:	Q3375
Lab Sample ID:	PB170165BS	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: 10/20/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	630		1	160	330	ug/Kg	10/20/25 14:25	PB170165
108-95-2	Phenol	1500		1	22.1	170	ug/Kg	10/20/25 14:25	PB170165
111-44-4	bis(2-Chloroethyl)ether	1400		1	24.3	170	ug/Kg	10/20/25 14:25	PB170165
95-57-8	2-Chlorophenol	1500		1	24.4	170	ug/Kg	10/20/25 14:25	PB170165
95-48-7	2-Methylphenol	1500		1	29.9	170	ug/Kg	10/20/25 14:25	PB170165
108-60-1	2,2-oxybis(1-Chloropropane)	1200		1	37.5	170	ug/Kg	10/20/25 14:25	PB170165
98-86-2	Acetophenone	1600		1	29.5	170	ug/Kg	10/20/25 14:25	PB170165
65794-96-9	3+4-Methylphenols	1500		1	41.1	330	ug/Kg	10/20/25 14:25	PB170165
621-64-7	n-Nitroso-di-n-propylamine	1400		1	47.4	79.9	ug/Kg	10/20/25 14:25	PB170165
67-72-1	Hexachloroethane	1300		1	17.6	170	ug/Kg	10/20/25 14:25	PB170165
98-95-3	Nitrobenzene	1500		1	18.3	170	ug/Kg	10/20/25 14:25	PB170165
78-59-1	Isophorone	1400		1	32.8	170	ug/Kg	10/20/25 14:25	PB170165
88-75-5	2-Nitrophenol	1500		1	58.1	170	ug/Kg	10/20/25 14:25	PB170165
105-67-9	2,4-Dimethylphenol	1700		1	64.7	170	ug/Kg	10/20/25 14:25	PB170165
111-91-1	bis(2-Chloroethoxy)methane	1500		1	30.8	170	ug/Kg	10/20/25 14:25	PB170165
120-83-2	2,4-Dichlorophenol	1600		1	28.3	170	ug/Kg	10/20/25 14:25	PB170165
91-20-3	Naphthalene	1500		1	22.7	170	ug/Kg	10/20/25 14:25	PB170165
106-47-8	4-Chloroaniline	900		1	35.4	170	ug/Kg	10/20/25 14:25	PB170165
87-68-3	Hexachlorobutadiene	1600		1	25.3	170	ug/Kg	10/20/25 14:25	PB170165
105-60-2	Caprolactam	1500		1	52.0	330	ug/Kg	10/20/25 14:25	PB170165
59-50-7	4-Chloro-3-methylphenol	1600		1	28.7	170	ug/Kg	10/20/25 14:25	PB170165
91-57-6	2-Methylnaphthalene	1300		1	25.6	170	ug/Kg	10/20/25 14:25	PB170165
77-47-4	Hexachlorocyclopentadiene	4200	E	1	120	330	ug/Kg	10/20/25 14:25	PB170165
88-06-2	2,4,6-Trichlorophenol	1500		1	19.8	170	ug/Kg	10/20/25 14:25	PB170165
95-95-4	2,4,5-Trichlorophenol	1600		1	29.1	170	ug/Kg	10/20/25 14:25	PB170165
92-52-4	1,1-Biphenyl	1600		1	21.8	170	ug/Kg	10/20/25 14:25	PB170165
91-58-7	2-Chloronaphthalene	1400		1	22.5	170	ug/Kg	10/20/25 14:25	PB170165
88-74-4	2-Nitroaniline	1500		1	48.1	170	ug/Kg	10/20/25 14:25	PB170165
131-11-3	Dimethylphthalate	1500		1	27.1	170	ug/Kg	10/20/25 14:25	PB170165
208-96-8	Acenaphthylene	1700		1	28.9	170	ug/Kg	10/20/25 14:25	PB170165
606-20-2	2,6-Dinitrotoluene	1600		1	33.6	170	ug/Kg	10/20/25 14:25	PB170165
99-09-2	3-Nitroaniline	1100		1	46.0	170	ug/Kg	10/20/25 14:25	PB170165
83-32-9	Acenaphthene	1500		1	21.3	170	ug/Kg	10/20/25 14:25	PB170165
51-28-5	2,4-Dinitrophenol	2600		1	230	330	ug/Kg	10/20/25 14:25	PB170165
100-02-7	4-Nitrophenol	2900	E	1	110	330	ug/Kg	10/20/25 14:25	PB170165
132-64-9	Dibenzofuran	1500		1	22.7	170	ug/Kg	10/20/25 14:25	PB170165
121-14-2	2,4-Dinitrotoluene	1600		1	50.0	170	ug/Kg	10/20/25 14:25	PB170165
84-66-2	Diethylphthalate	1500		1	28.3	170	ug/Kg	10/20/25 14:25	PB170165
7005-72-3	4-Chlorophenyl-phenylether	1500		1	26.7	170	ug/Kg	10/20/25 14:25	PB170165
86-73-7	Fluorene	1600		1	25.3	170	ug/Kg	10/20/25 14:25	PB170165
100-01-6	4-Nitroaniline	1500		1	64.1	170	ug/Kg	10/20/25 14:25	PB170165
534-52-1	4,6-Dinitro-2-methylphenol	1600		1	100	330	ug/Kg	10/20/25 14:25	PB170165

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

Report of Analysis

Client:	AECOM	Date Collected:	
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	
Client Sample ID:	PB170165BS	SDG No.:	Q3375
Lab Sample ID:	PB170165BS	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: 10/20/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1600		1	32.9	170	ug/Kg	10/20/25 14:25	PB170165
101-55-3	4-Bromophenyl-phenylether	1500		1	27.8	170	ug/Kg	10/20/25 14:25	PB170165
118-74-1	Hexachlorobenzene	1600		1	25.3	170	ug/Kg	10/20/25 14:25	PB170165
1912-24-9	Atrazine	1600		1	34.0	170	ug/Kg	10/20/25 14:25	PB170165
87-86-5	Pentachlorophenol	3200	E	1	51.2	330	ug/Kg	10/20/25 14:25	PB170165
85-01-8	Phenanthrene	1500		1	20.9	170	ug/Kg	10/20/25 14:25	PB170165
120-12-7	Anthracene	1600		1	33.3	170	ug/Kg	10/20/25 14:25	PB170165
86-74-8	Carbazole	1600		1	31.2	170	ug/Kg	10/20/25 14:25	PB170165
84-74-2	Di-n-butylphthalate	1500		1	47.9	170	ug/Kg	10/20/25 14:25	PB170165
206-44-0	Fluoranthene	1500		1	30.0	170	ug/Kg	10/20/25 14:25	PB170165
129-00-0	Pyrene	1400		1	36.0	170	ug/Kg	10/20/25 14:25	PB170165
85-68-7	Butylbenzylphthalate	1500		1	71.3	170	ug/Kg	10/20/25 14:25	PB170165
91-94-1	3,3-Dichlorobenzidine	1100		1	36.7	330	ug/Kg	10/20/25 14:25	PB170165
56-55-3	Benzo(a)anthracene	1500		1	23.0	170	ug/Kg	10/20/25 14:25	PB170165
218-01-9	Chrysene	1500		1	19.9	170	ug/Kg	10/20/25 14:25	PB170165
117-81-7	Bis(2-ethylhexyl)phthalate	1500		1	59.1	170	ug/Kg	10/20/25 14:25	PB170165
117-84-0	Di-n-octyl phthalate	1500		1	86.7	330	ug/Kg	10/20/25 14:25	PB170165
205-99-2	Benzo(b)fluoranthene	1600		1	19.0	170	ug/Kg	10/20/25 14:25	PB170165
207-08-9	Benzo(k)fluoranthene	1500		1	22.4	170	ug/Kg	10/20/25 14:25	PB170165
50-32-8	Benzo(a)pyrene	1600		1	29.5	170	ug/Kg	10/20/25 14:25	PB170165
193-39-5	Indeno(1,2,3-cd)pyrene	1600		1	29.1	170	ug/Kg	10/20/25 14:25	PB170165
53-70-3	Dibenzo(a,h)anthracene	1600		1	27.4	170	ug/Kg	10/20/25 14:25	PB170165
191-24-2	Benzo(g,h,i)perylene	1600		1	25.7	170	ug/Kg	10/20/25 14:25	PB170165
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		1	25.6	170	ug/Kg	10/20/25 14:25	PB170165
123-91-1	1,4-Dioxane	990		1	45.2	170	ug/Kg	10/20/25 14:25	PB170165
58-90-2	2,3,4,6-Tetrachlorophenol	1600		1	27.4	170	ug/Kg	10/20/25 14:25	PB170165
SURROGATES									
367-12-4	2-Fluorophenol	109			18 - 112	73%	SPK: 150		
13127-88-3	Phenol-d6	125			15 - 107	84%	SPK: 150		
4165-60-0	Nitrobenzene-d5	83.5			18 - 107	84%	SPK: 100		
321-60-8	2-Fluorobiphenyl	82.8			20 - 109	83%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	135			10 - 116	90%	SPK: 150		
1718-51-0	Terphenyl-d14	86.2			10 - 105	86%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	13600							
1146-65-2	Naphthalene-d8	56100							
15067-26-2	Acenaphthene-d10	44500							
1517-22-2	Phenanthrene-d10	110000							
1719-03-5	Chrysene-d12	115000							
1520-96-3	Perylene-d12	123000							

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Report of Analysis

Client:	AECOM	Date Collected:	
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	
Client Sample ID:	PB170165BS	SDG No.:	Q3375
Lab Sample ID:	PB170165BS	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: 10/20/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	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\BG102025\
Data File : BG064549.D
Acq On : 20 Oct 2025 14:25
Operator : RC/JU
Sample : PB170165BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 20 15:20:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB170165BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.815	152	13636	20.000	ng		0.00
21) Naphthalene-d8	10.606	136	56148	20.000	ng	#	0.00
39) Acenaphthene-d10	14.448	164	44549	20.000	ng		0.00
64) Phenanthrene-d10	17.192	188	109767	20.000	ng		0.00
76) Chrysene-d12	21.423	240	115066	20.000	ng	#	0.01
86) Perylene-d12	24.407	264	122784	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.412	112	80542	109.312	ng		0.00
7) Phenol-d6	7.004	99	124074	125.308	ng		0.02
23) Nitrobenzene-d5	8.973	82	87220	83.526	ng		0.00
42) 2,4,6-Tribromophenol	15.941	330	109226	135.262	ng		0.00
45) 2-Fluorobiphenyl	13.074	172	250135	82.763	ng		0.00
79) Terphenyl-d14	19.807	244	523971	86.178	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.309	88	8665	29.732	ng		94
3) Pyridine	3.708	79	17360	22.164	ng	#	85
4) n-Nitrosodimethylamine	3.620	42	20816	36.660	ng		85
6) Aniline	7.145	93	40496	32.424	ng		97
8) 2-Chlorophenol	7.386	128	40444	44.701	ng		96
9) Benzaldehyde	6.957	77	16529	18.806	ng		92
10) Phenol	7.034	94	46653	44.664	ng		96
11) bis(2-Chloroethyl)ether	7.245	93	28699	40.572	ng		83
12) 1,3-Dichlorobenzene	7.709	146	42363	42.802	ng		95
13) 1,4-Dichlorobenzene	7.850	146	42566	42.852	ng		96
14) 1,2-Dichlorobenzene	8.168	146	43365	44.295	ng		95
15) Benzyl Alcohol	8.062	79	40960	44.919	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.338	45	40117	35.184	ng		97
17) 2-Methylphenol	8.267	107	34669	45.837	ng		95
18) Hexachloroethane	8.890	117	15340	39.124	ng		89
19) n-Nitroso-di-n-propyla...	8.626	70	27125	40.962	ng		94
20) 3+4-Methylphenols	8.597	107	46606	44.156	ng		93
22) Acetophenone	8.638	105	67129	49.378	ng		98
24) Nitrobenzene	9.014	77	45428	43.626	ng		97
25) Isophorone	9.542	82	80259	42.427	ng	#	94
26) 2-Nitrophenol	9.725	139	22785	43.964	ng		98
27) 2,4-Dimethylphenol	9.795	122	41510	52.440	ng		94
28) bis(2-Chloroethoxy)met...	10.018	93	43884	45.510	ng		99
29) 2,4-Dichlorophenol	10.265	162	43133	47.121	ng		96
30) 1,2,4-Trichlorobenzene	10.471	180	47728	47.820	ng		90
31) Naphthalene	10.659	128	129701	44.858	ng		98
32) Benzoic acid	9.977	122	28536	46.954	ng		90
33) 4-Chloroaniline	10.770	127	30068	27.100	ng		95
34) Hexachlorobutadiene	10.941	225	40500	47.382	ng		98
35) Caprolactam	11.552	113	14581	46.530	ng	#	84
36) 4-Chloro-3-methylphenol	11.904	107	53322	47.901	ng		93
37) 2-Methylnaphthalene	12.269	142	89977	40.540	ng		98
38) 1-Methylnaphthalene	12.486	142	93890m	42.425	ng		
40) 1,2,4,5-Tetrachloroben...	12.639	216	69550	48.352	ng		96
41) Hexachlorocyclopentadiene	12.615	237	95619	127.082	ng		94
43) 2,4,6-Trichlorophenol	12.886	196	41251	44.862	ng		96

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
Data File : BG064549.D
Acq On : 20 Oct 2025 14:25
Operator : RC/JU
Sample : PB170165BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 20 15:20:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB170165BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.962	196	48664	47.405	ng		98
46) 1,1'-Biphenyl	13.279	154	157453	49.141	ng		99
47) 2-Chloronaphthalene	13.320	162	103546	43.284	ng		96
48) 2-Nitroaniline	13.526	65	36668	44.910	ng		98
49) Acenaphthylene	14.172	152	182191	51.304	ng		96
50) Dimethylphthalate	13.914	163	157351	45.098	ng		97
51) 2,6-Dinitrotoluene	14.025	165	35055	48.230	ng		91
52) Acenaphthene	14.513	154	109342	44.318	ng		96
53) 3-Nitroaniline	14.360	138	21818	32.549	ng		91
54) 2,4-Dinitrophenol	14.572	184	41874	79.453	ng		94
55) Dibenzofuran	14.848	168	183269	44.988	ng		99
56) 4-Nitrophenol	14.684	139	46397	87.916	ng		87
57) 2,4-Dinitrotoluene	14.819	165	52347	47.114	ng		93
58) Fluorene	15.494	166	157870	46.615	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.083	232	49925	47.653	ng		99
60) Diethylphthalate	15.271	149	171377	45.787	ng		98
61) 4-Chlorophenyl-phenyle...	15.488	204	83977	45.419	ng		98
62) 4-Nitroaniline	15.524	138	32377	46.343	ng		90
63) Azobenzene	15.782	77	133595	46.087	ng		99
65) 4,6-Dinitro-2-methylph...	15.582	198	35846	46.902	ng		95
66) n-Nitrosodiphenylamine	15.706	169	136800	46.670	ng		98
67) 4-Bromophenyl-phenylether	16.381	248	59795	46.292	ng		90
68) Hexachlorobenzene	16.499	284	69283	46.874	ng		97
69) Atrazine	16.658	200	62655	48.044	ng		96
70) Pentachlorophenol	16.852	266	83239	96.317	ng		97
71) Phenanthrene	17.233	178	261958	45.635	ng		98
72) Anthracene	17.322	178	268556	46.634	ng		97
73) Carbazole	17.598	167	233881	46.986	ng		98
74) Di-n-butylphthalate	18.156	149	278793	45.881	ng		99
75) Fluoranthene	19.243	202	312448	45.562	ng		98
77) Benzidine	19.431	184	81811	28.573	ng		99
78) Pyrene	19.607	202	319492	42.785	ng		99
80) Butylbenzylphthalate	20.500	149	121880	46.042	ng		97
81) Benzo(a)anthracene	21.399	228	337748	45.971	ng		98
82) 3,3'-Dichlorobenzidine	21.323	252	80327	32.303	ng	#	98
83) Chrysene	21.464	228	304625	43.720	ng		98
84) Bis(2-ethylhexyl)phtha...	21.323	149	172602	46.213	ng		95
85) Di-n-octyl phthalate	22.445	149	288601	45.976	ng		100
87) Indeno(1,2,3-cd)pyrene	27.768	276	397838	46.550	ng	#	90
88) Benzo(b)fluoranthene	23.467	252	333073	47.683	ng		98
89) Benzo(k)fluoranthene	23.526	252	323651	46.004	ng		97
90) Benzo(a)pyrene	24.266	252	316286	49.130	ng		100
91) Dibenzo(a,h)anthracene	27.827	278	332998	48.721	ng	#	94
92) Benzo(g,h,i)perylene	28.820	276	319167	48.053	ng		97

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

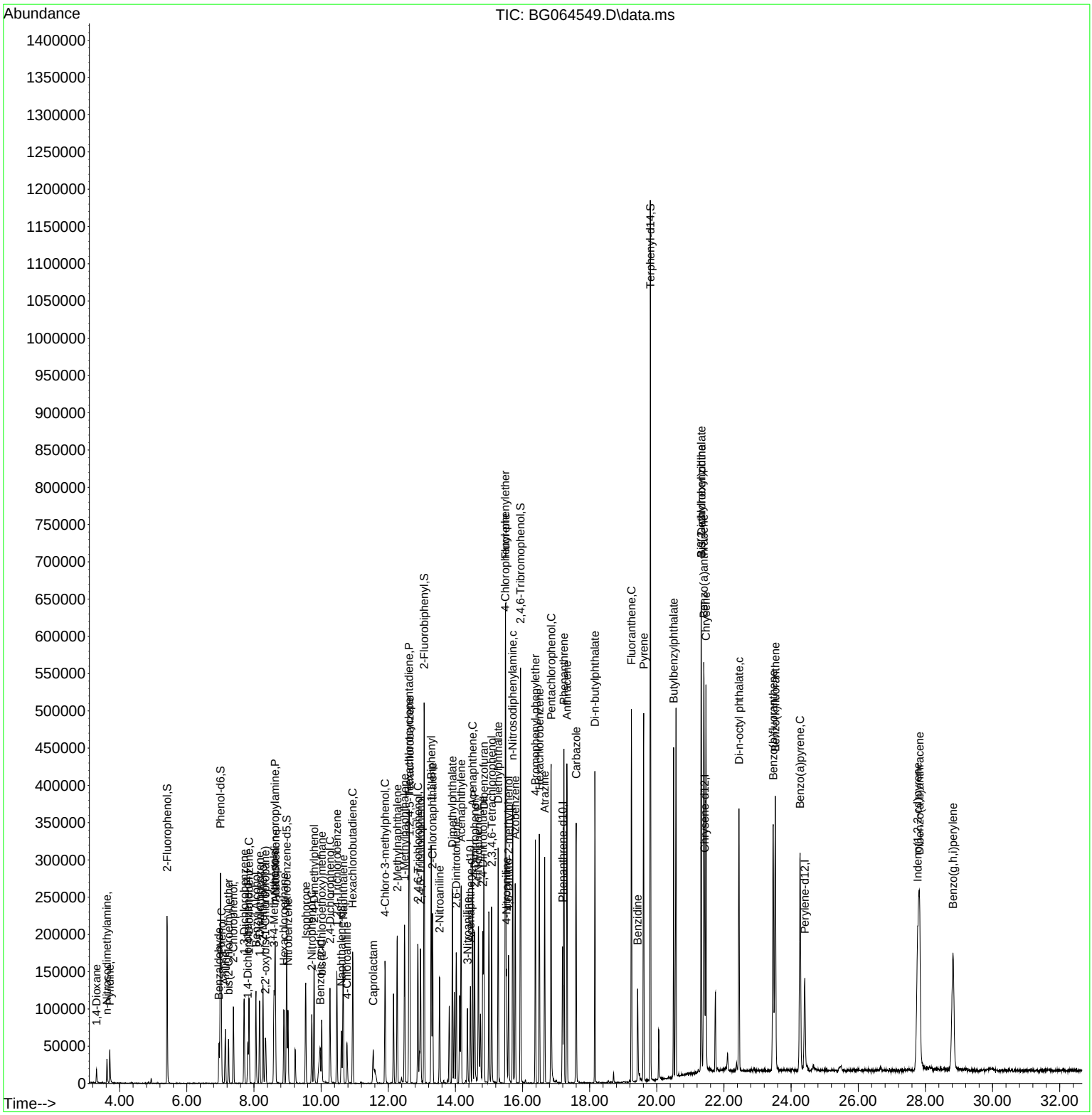
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Data File : BG064549.D
Acq On : 20 Oct 2025 14:25
Operator : RC/JU
Sample : PB170165BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

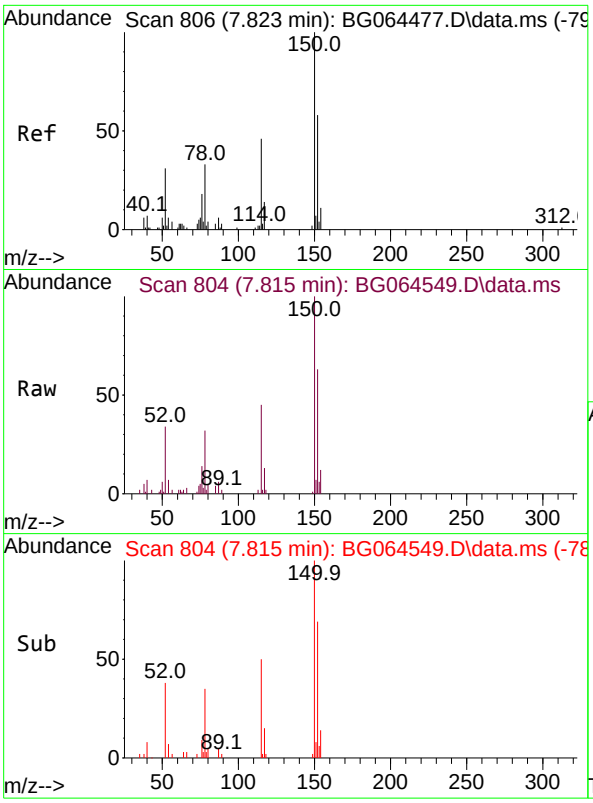
Quant Time: Oct 20 15:20:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB170165BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

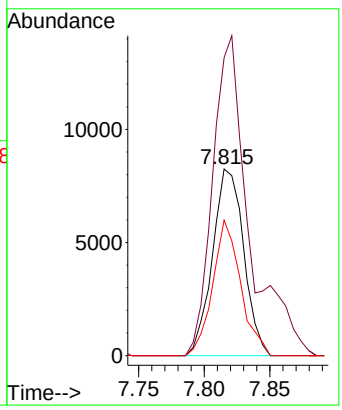




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.815 min Scan# 80
Delta R.T. -0.005 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:152 Resp: 1363

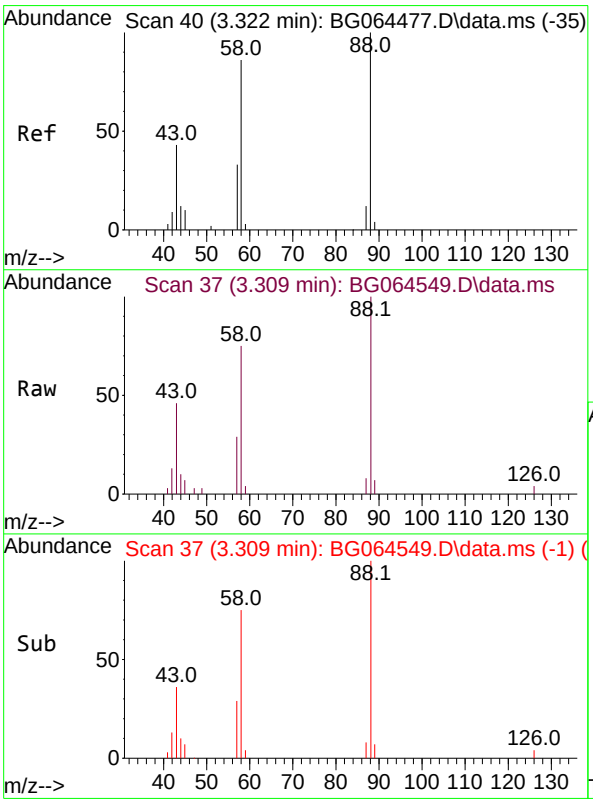
Ion	Ratio	Lower	Upper
152	100		
150	159.7	138.6	207.8
115	72.6	63.4	95.2



Instrument :
BNA_G
ClientSampleId :
PB170165BS

Manual Integrations
APPROVED

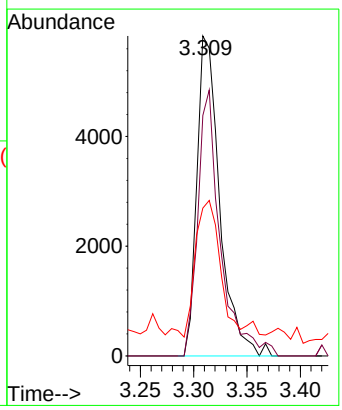
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

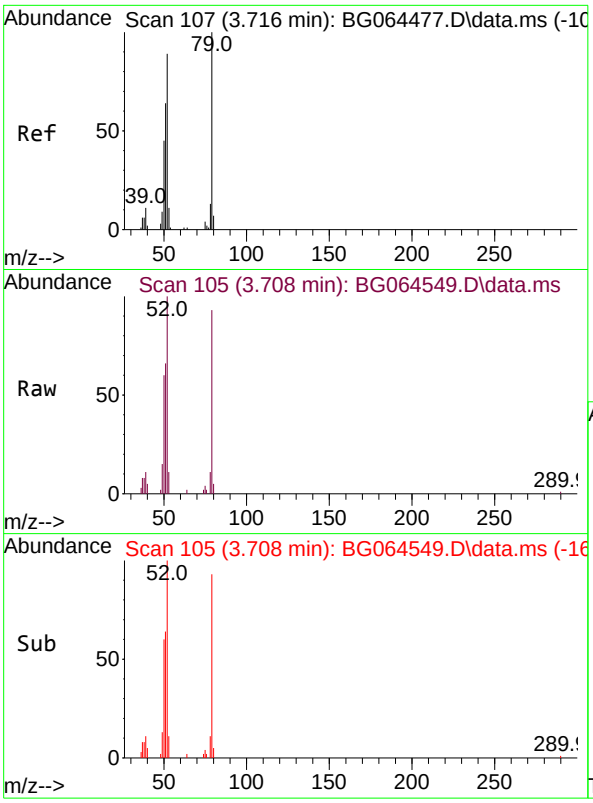


#2
1,4-Dioxane
Concen: 29.732 ng
RT: 3.309 min Scan# 37
Delta R.T. -0.011 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion: 88 Resp: 8665

Ion	Ratio	Lower	Upper
88	100		
58	82.1	69.8	104.6
43	50.7	37.4	56.0

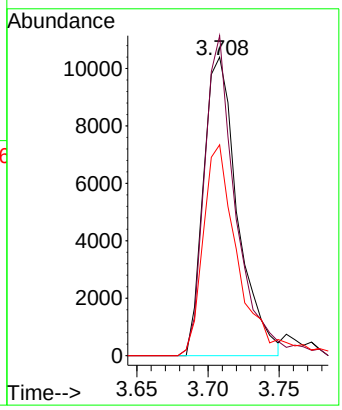




#3
Pyridine
Concen: 22.164 ng
RT: 3.708 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion: 79 Resp: 1736

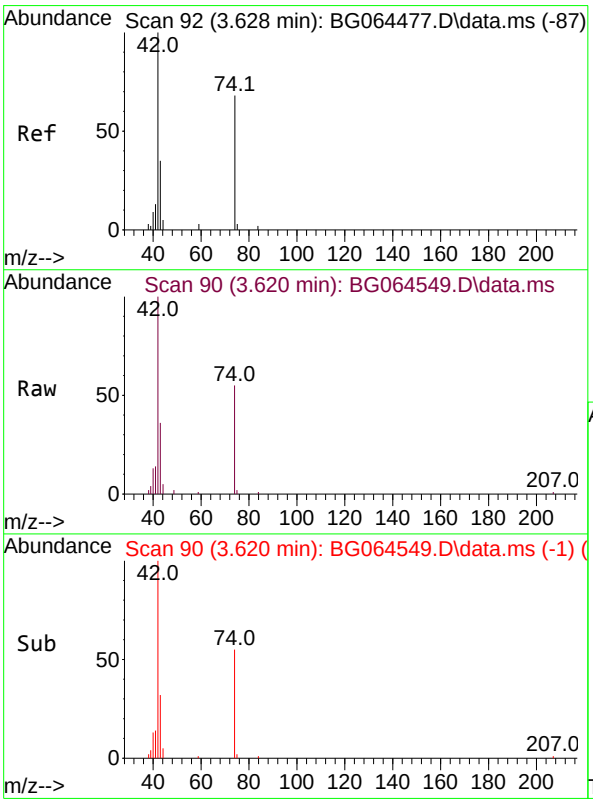
Ion	Ratio	Lower	Upper
79	100		
52	107.2	71.0	106.4
51	70.6	51.0	76.6



Instrument :
BNA_G
ClientSampleId :
PB170165BS

Manual Integrations
APPROVED

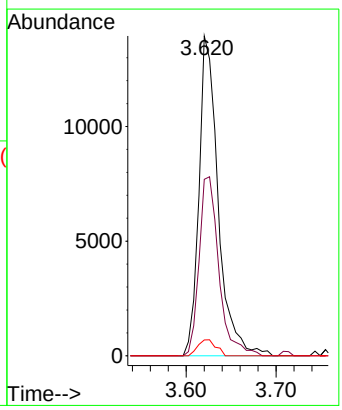
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

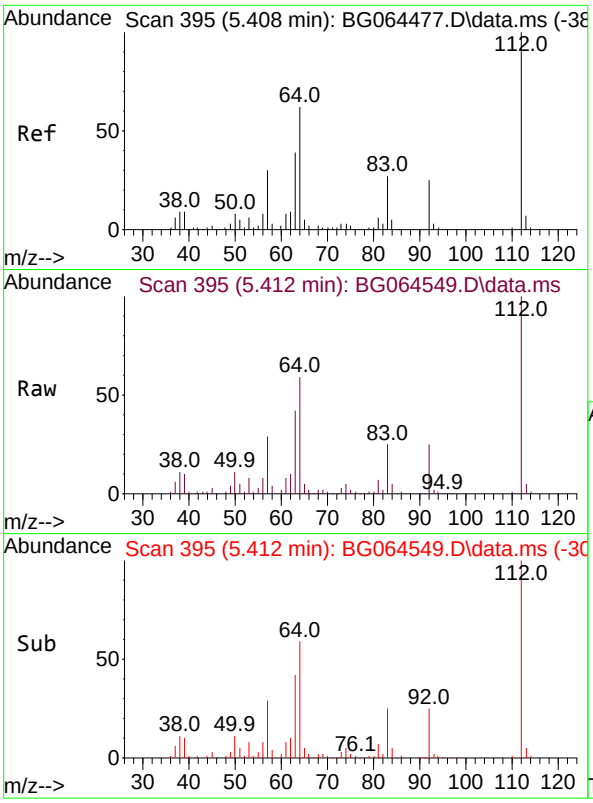


#4
n-Nitrosodimethylamine
Concen: 36.660 ng
RT: 3.620 min Scan# 90
Delta R.T. -0.005 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion: 42 Resp: 20816

Ion	Ratio	Lower	Upper
42	100		
74	55.2	54.2	81.4
44	5.0	4.2	6.2

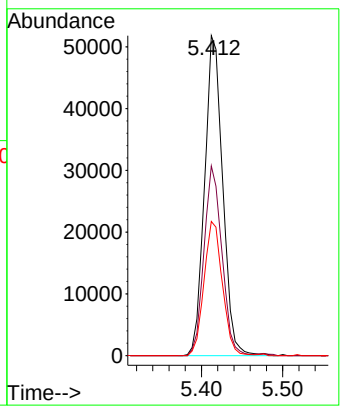




#5
2-Fluorophenol
Concen: 109.312 ng
RT: 5.412 min Scan# 39
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:112 Resp: 8054

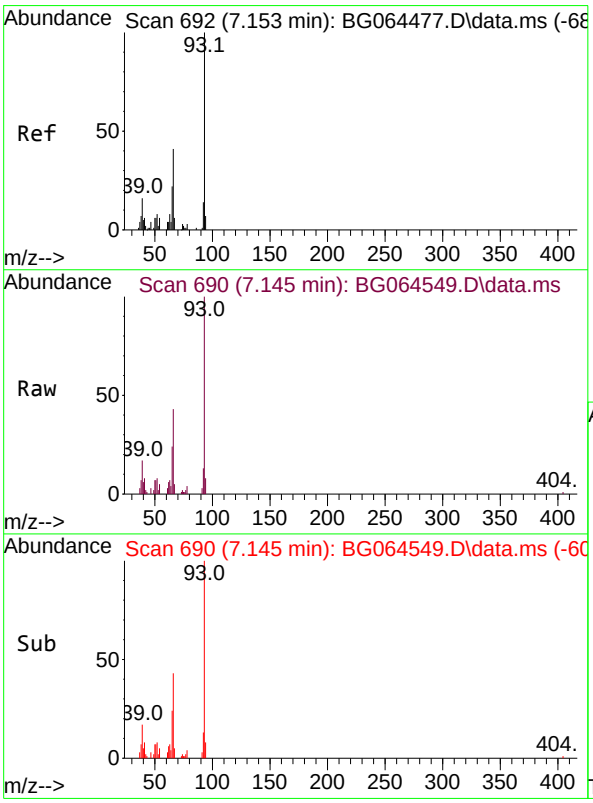
Ion	Ratio	Lower	Upper
112	100		
64	59.3	49.8	74.8
63	41.9	31.3	46.9



Instrument :
BNA_G
ClientSampleId :
PB170165BS

Manual Integrations
APPROVED

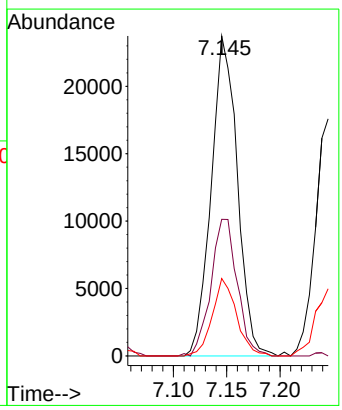
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

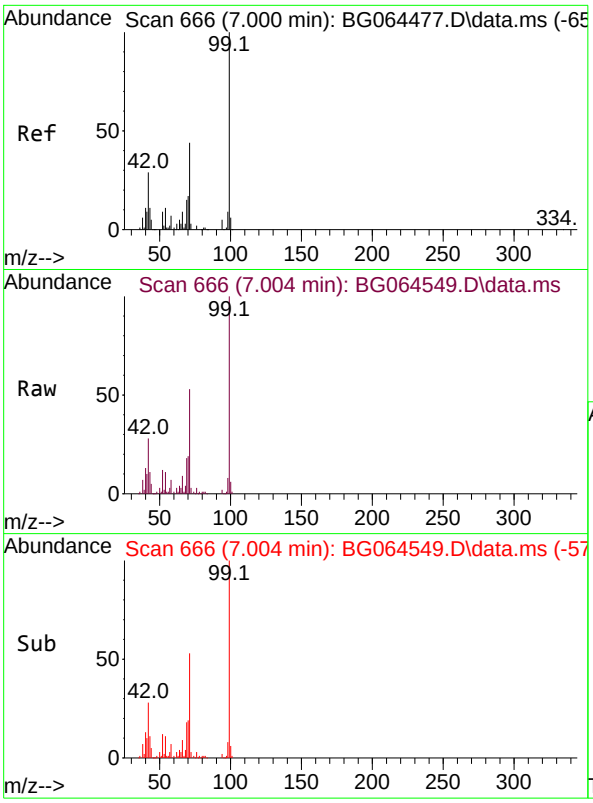


#6
Aniline
Concen: 32.424 ng
RT: 7.145 min Scan# 690
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion: 93 Resp: 40496

Ion	Ratio	Lower	Upper
93	100		
66	42.7	33.0	49.4
65	24.2	17.5	26.3

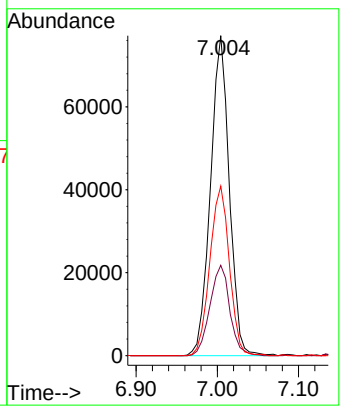




#7
Phenol-d6
Concen: 125.308 ng
RT: 7.004 min Scan# 6
Delta R.T. 0.018 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion: 99 Resp: 12407

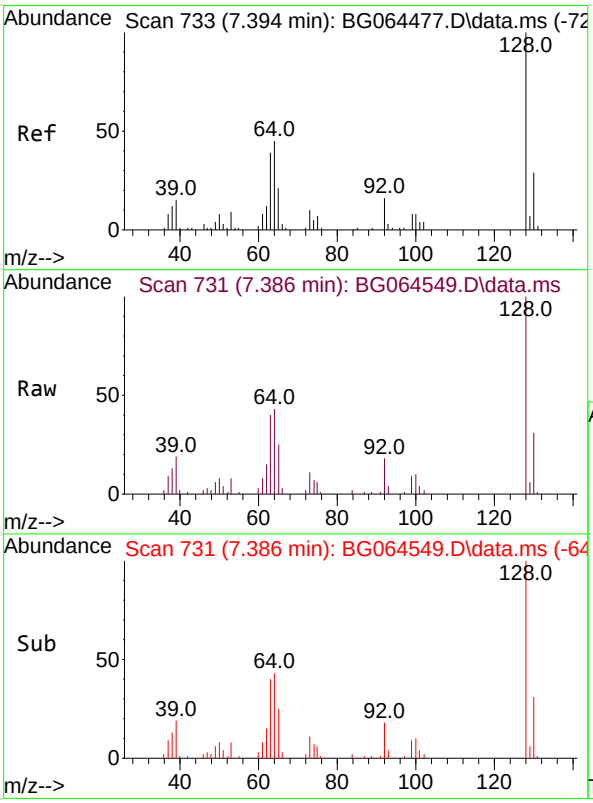
Ion	Ratio	Lower	Upper
99	100		
42	28.2	22.9	34.3
71	53.0	35.4	53.2



Instrument :
BNA_G
ClientSampleId :
PB170165BS

Manual Integrations
APPROVED

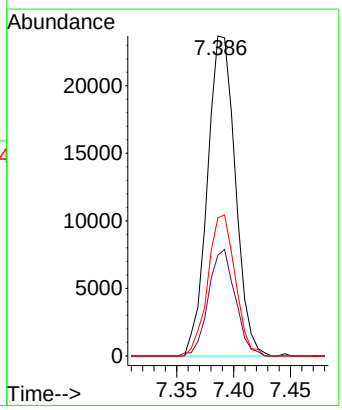
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

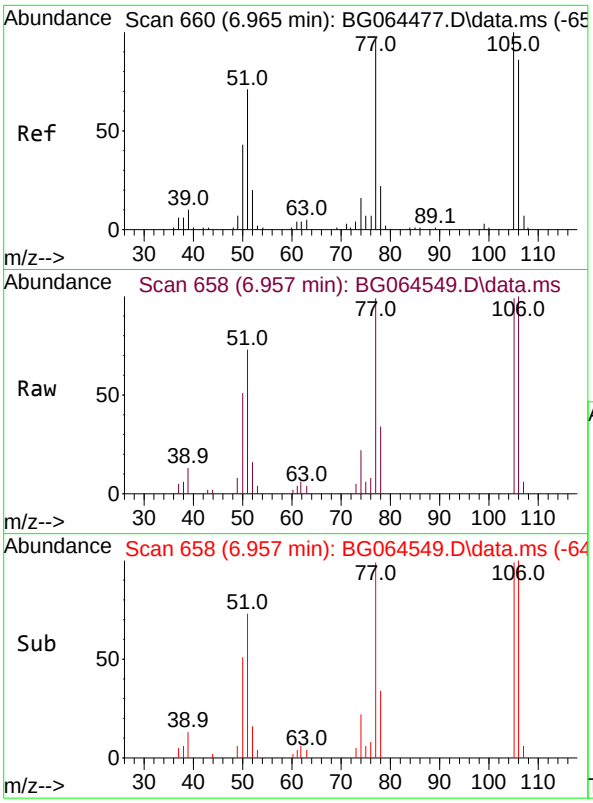


#8
2-Chlorophenol
Concen: 44.701 ng
RT: 7.386 min Scan# 731
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:128 Resp: 40444

Ion	Ratio	Lower	Upper
128	100		
130	31.5	9.2	49.2
64	43.1	25.5	65.5

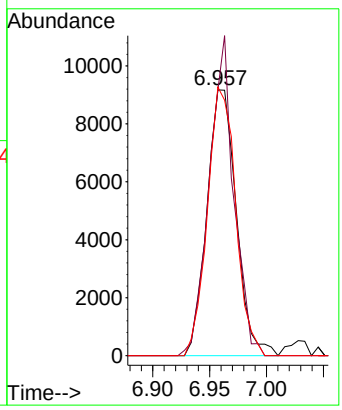




#9
Benzaldehyde
Concen: 18.806 ng
RT: 6.957 min Scan# 6
Delta R.T. -0.005 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion: 77 Resp: 1652

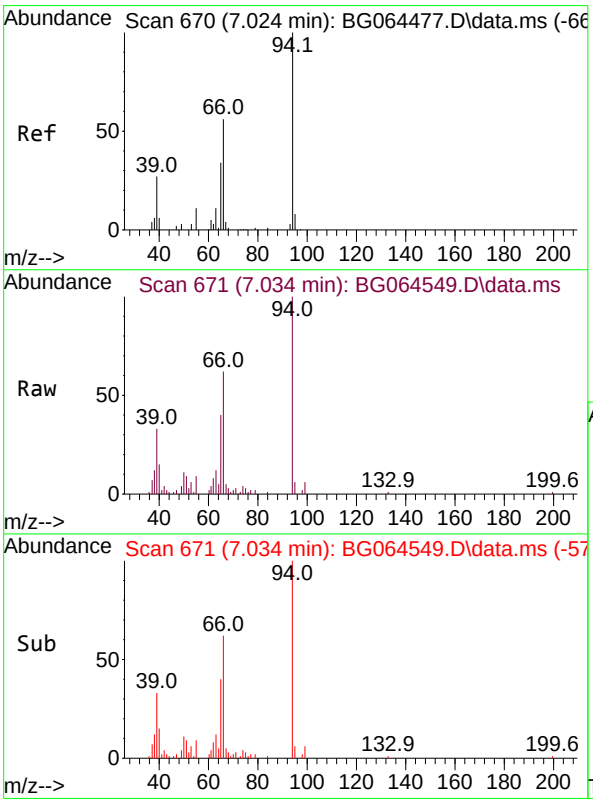
Ion	Ratio	Lower	Upper
77	100		
105	99.9	83.7	123.7
106	101.1	69.4	109.4



Instrument :
BNA_G
ClientSampleId :
PB170165BS

Manual Integrations
APPROVED

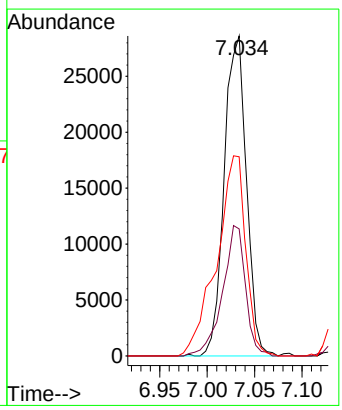
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

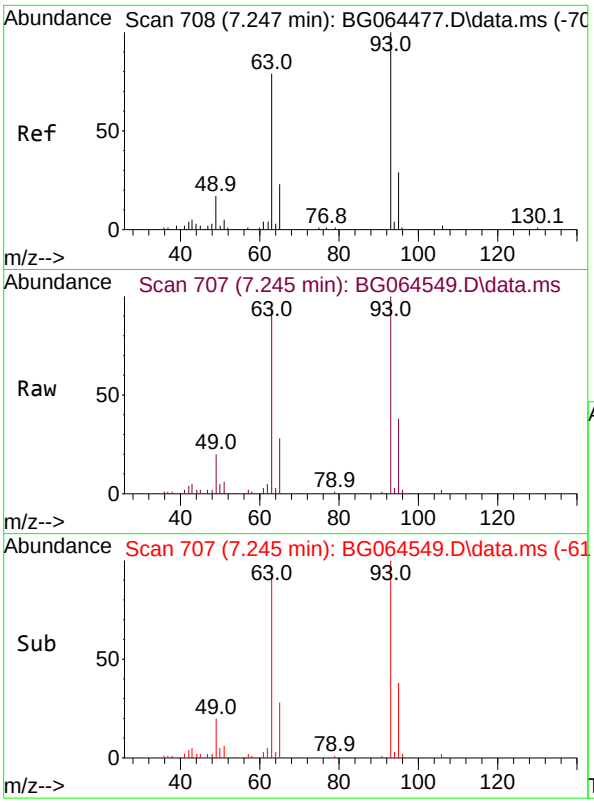


#10
Phenol
Concen: 44.664 ng
RT: 7.034 min Scan# 671
Delta R.T. 0.018 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion: 94 Resp: 46653

Ion	Ratio	Lower	Upper
94	100		
65	39.7	14.8	54.8
66	62.2	41.4	81.4

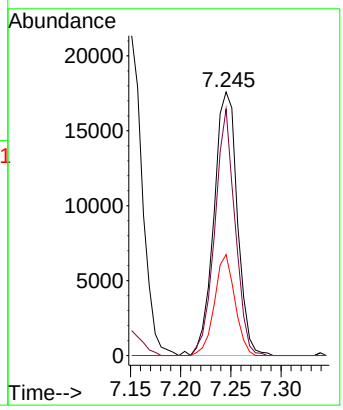




#11
bis(2-Chloroethyl)ether
Concen: 40.572 ng
RT: 7.245 min Scan# 70
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion: 93 Resp: 28699

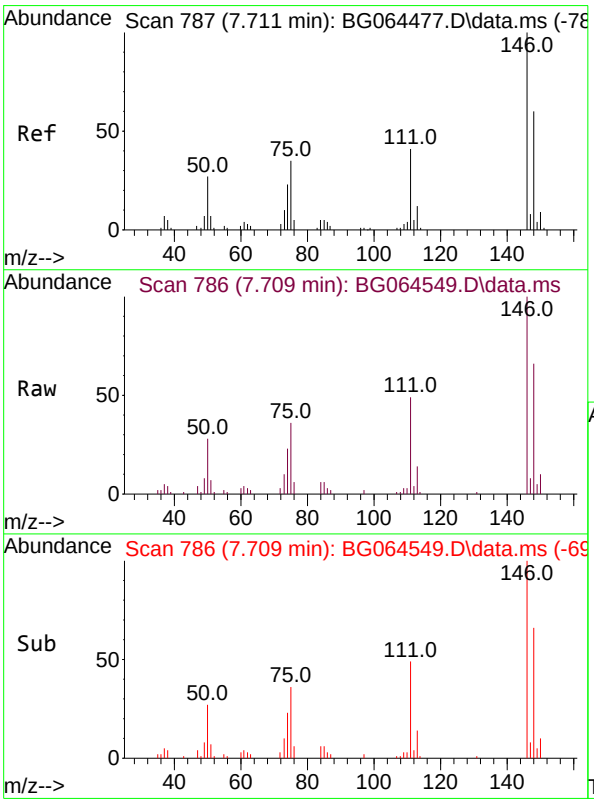
Ion	Ratio	Lower	Upper
93	100		
63	93.6	59.5	99.5
95	38.4	8.8	48.8



Instrument :
BNA_G
ClientSampleId :
PB170165BS

Manual Integrations
APPROVED

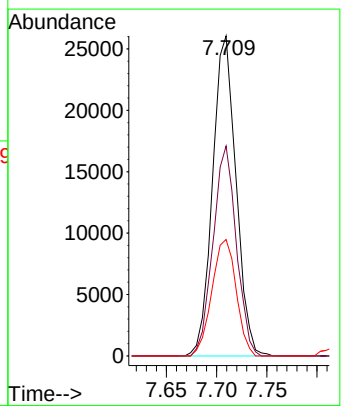
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

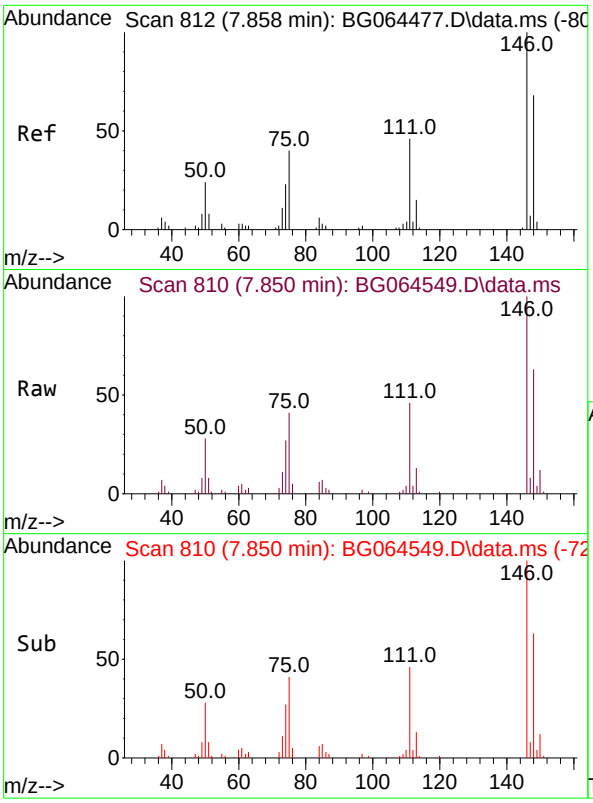


#12
1,3-Dichlorobenzene
Concen: 42.802 ng
RT: 7.709 min Scan# 786
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:146 Resp: 42363

Ion	Ratio	Lower	Upper
146	100		
148	65.6	48.4	72.6
75	36.4	28.3	42.5

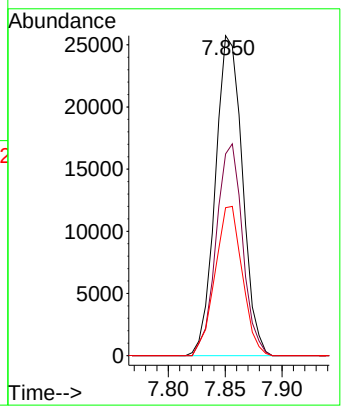




#13
1,4-Dichlorobenzene
Concen: 42.852 ng
RT: 7.850 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:146 Resp: 4256

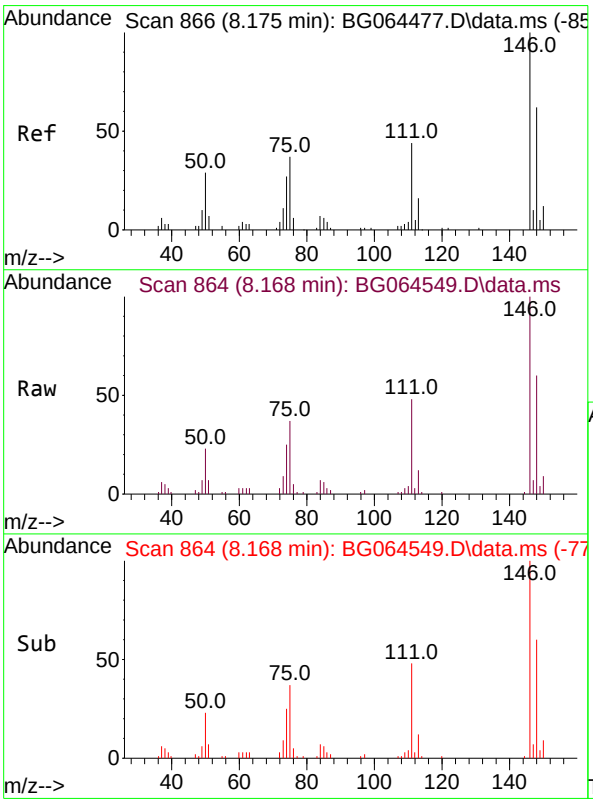
Ion	Ratio	Lower	Upper
146	100		
148	63.0	54.4	81.6
111	46.2	36.5	54.7



Instrument :
BNA_G
ClientSampleId :
PB170165BS

Manual Integrations
APPROVED

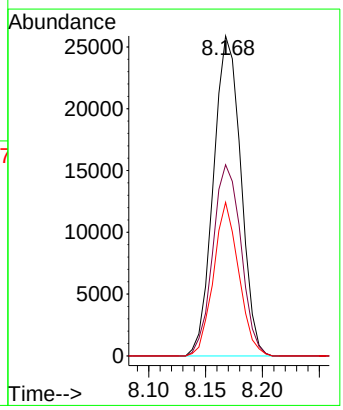
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

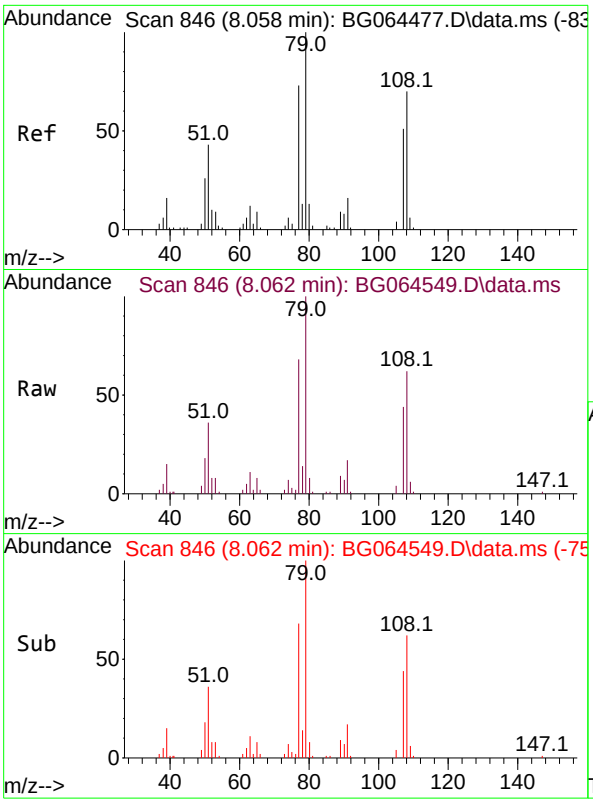


#14
1,2-Dichlorobenzene
Concen: 44.295 ng
RT: 8.168 min Scan# 864
Delta R.T. -0.005 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:146 Resp: 43365

Ion	Ratio	Lower	Upper
146	100		
148	59.7	50.0	75.0
111	48.0	35.0	52.4

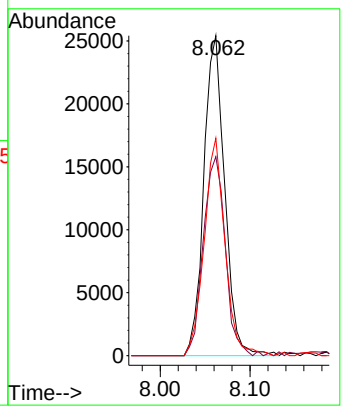




#15
Benzyl Alcohol
Concen: 44.919 ng
RT: 8.062 min Scan# 84
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion: 79 Resp: 4096

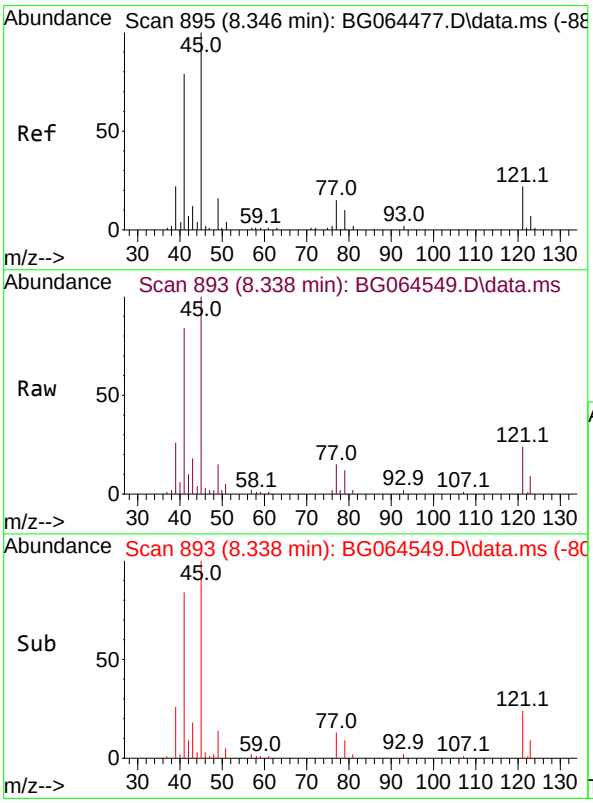
Ion	Ratio	Lower	Upper
79	100		
108	62.2	56.4	84.6
77	67.9	58.3	87.5



Instrument :
BNA_G
ClientSampleId :
PB170165BS

Manual Integrations
APPROVED

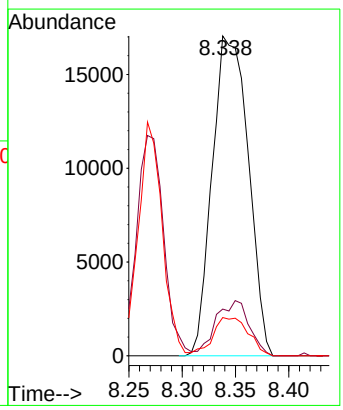
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

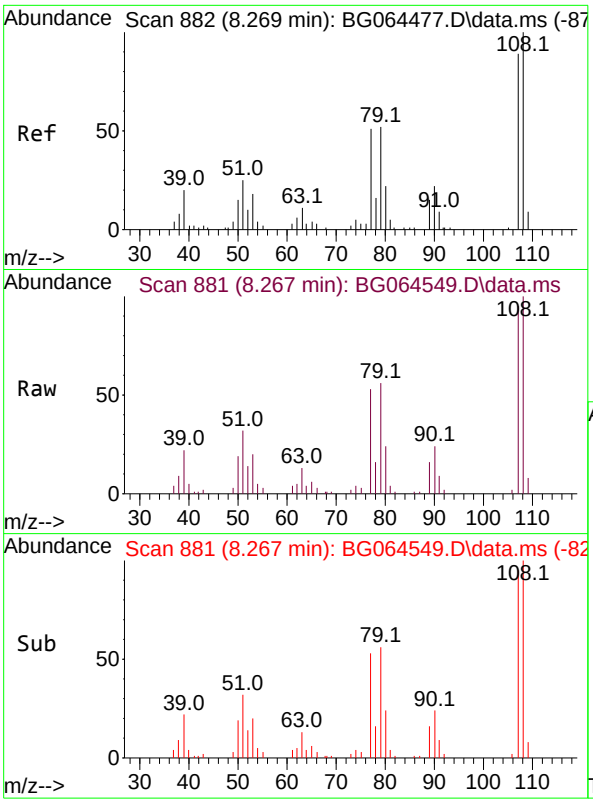


#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.184 ng
RT: 8.338 min Scan# 893
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion: 45 Resp: 40117

Ion	Ratio	Lower	Upper
45	100		
77	14.6	0.0	35.6
79	12.0	0.0	30.7

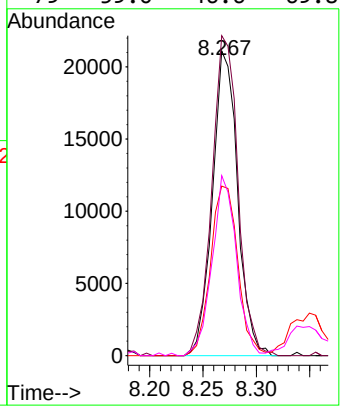




#17
2-Methylphenol
Concen: 45.837 ng
RT: 8.267 min Scan# 8
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:107 Resp: 3466

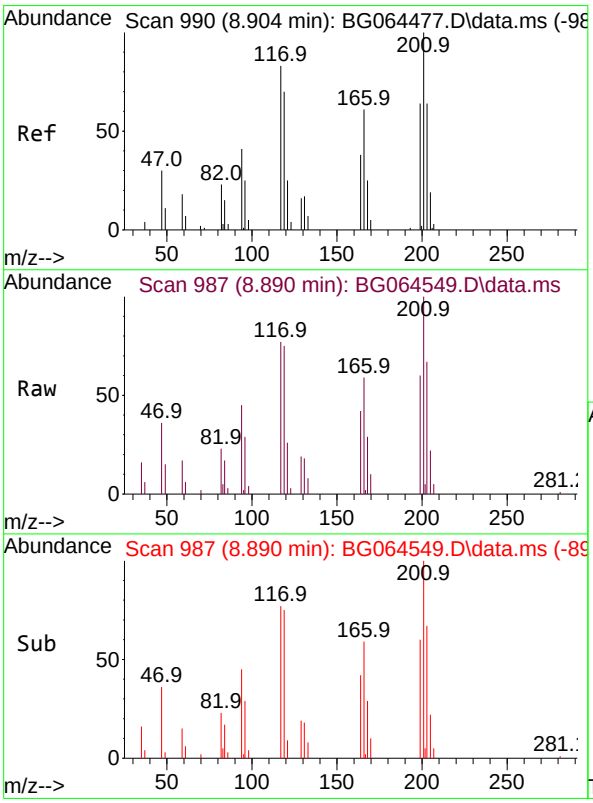
Ion	Ratio	Lower	Upper
107	100		
108	105.0	90.3	135.5
77	55.7	46.0	69.0
79	59.0	46.6	69.8



Instrument :
BNA_G
ClientSampleId :
PB170165BS

Manual Integrations
APPROVED

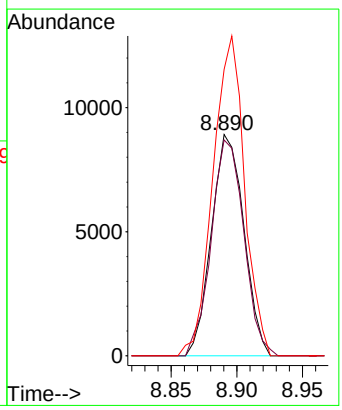
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

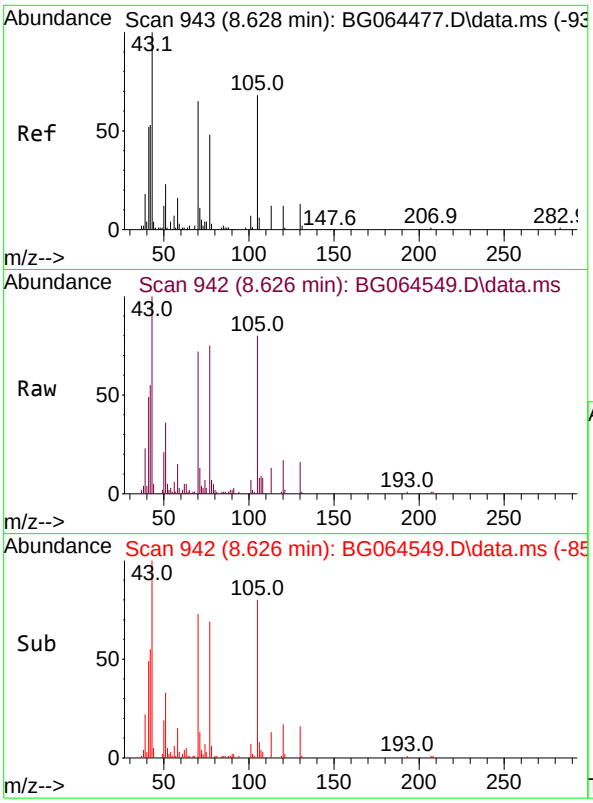


#18
Hexachloroethane
Concen: 39.124 ng
RT: 8.890 min Scan# 987
Delta R.T. -0.005 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:117 Resp: 15340

Ion	Ratio	Lower	Upper
117	100		
119	97.5	67.4	101.0
201	129.3	95.9	143.9

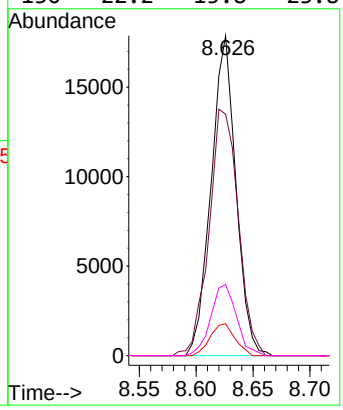




#19
n-Nitroso-di-n-propylamine
Concen: 40.962 ng
RT: 8.626 min Scan# 94
Delta R.T. 0.012 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion: 70 Resp: 2712

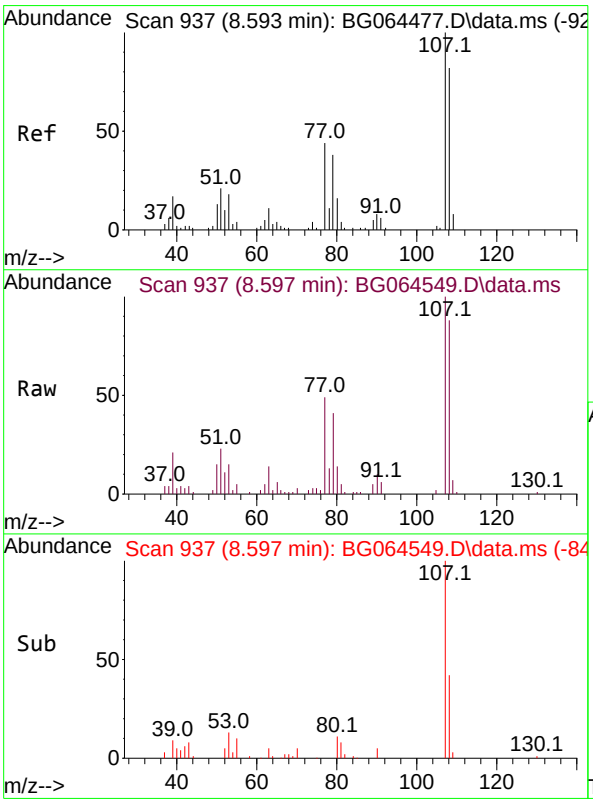
Ion	Ratio	Lower	Upper
70	100		
42	75.5	64.9	97.3
101	10.0	8.7	13.1
130	22.2	15.8	23.8



Instrument :
BNA_G
ClientSampleId :
PB170165BS

Manual Integrations APPROVED

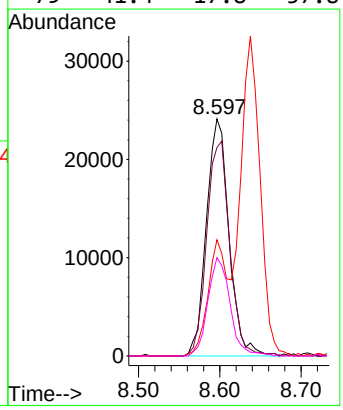
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

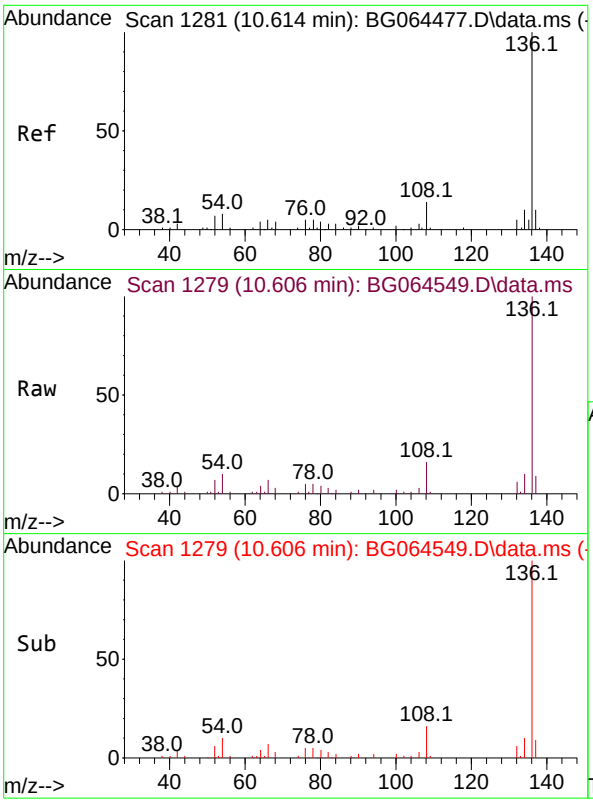


#20
3+4-Methylphenols
Concen: 44.156 ng
RT: 8.597 min Scan# 937
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:107 Resp: 46606

Ion	Ratio	Lower	Upper
107	100		
108	87.9	62.1	102.1
77	49.0	23.5	63.5
79	41.4	17.8	57.8

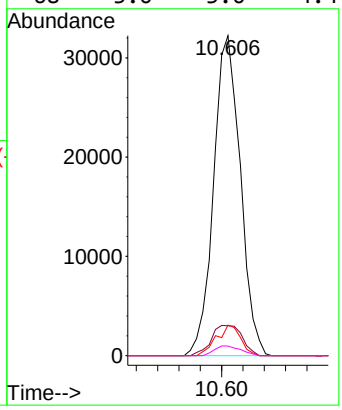




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.606 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:136 Resp: 5614

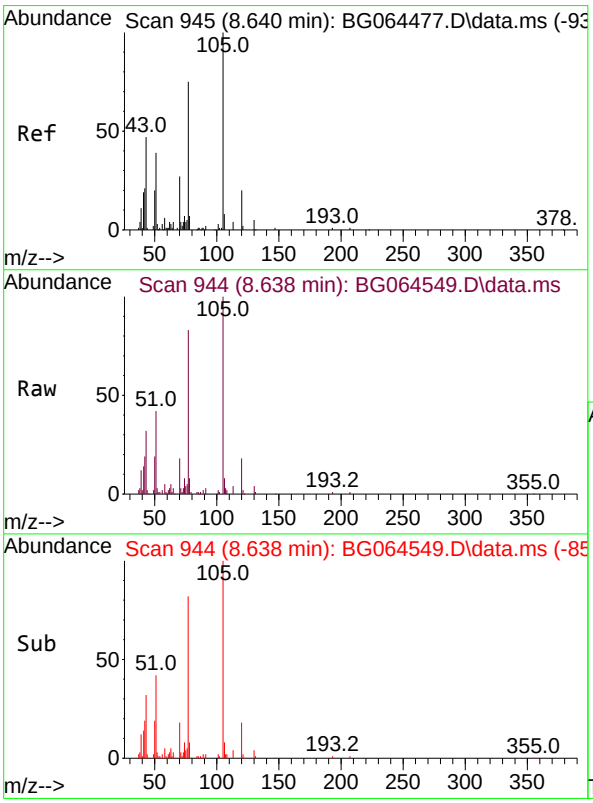
Ion	Ratio	Lower	Upper
136	100		
137	9.3	8.3	12.5
54	9.5	6.2	9.4
68	3.0	3.0	4.4



Instrument :
BNA_G
ClientSampleId :
PB170165BS

Manual Integrations
APPROVED

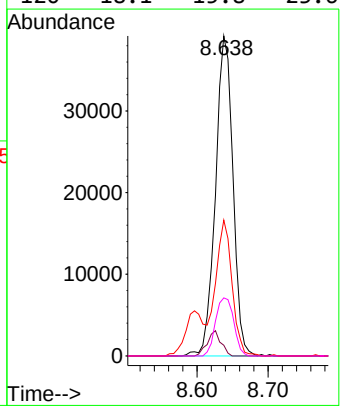
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

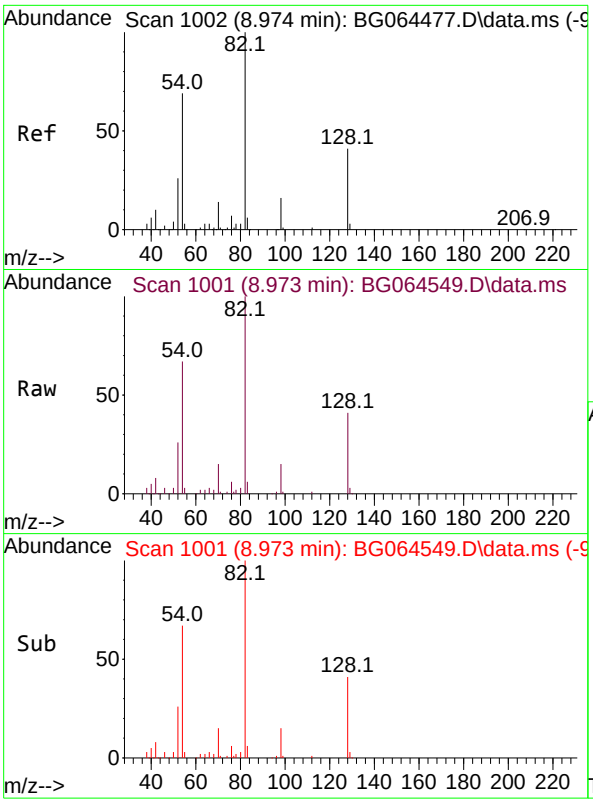


#22
Acetophenone
Concen: 49.378 ng
RT: 8.638 min Scan# 944
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:105 Resp: 67129

Ion	Ratio	Lower	Upper
105	100		
71	3.3	2.8	4.2
51	42.4	33.0	49.4
120	18.1	15.8	23.6

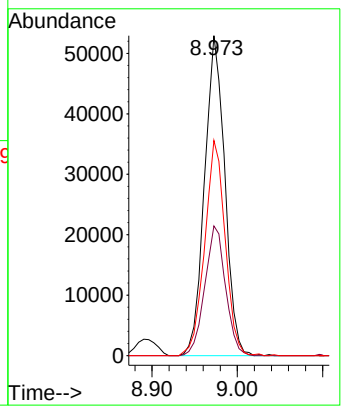




#23
Nitrobenzene-d5
Concen: 83.526 ng
RT: 8.973 min Scan# 10
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion: 82 Resp: 8722

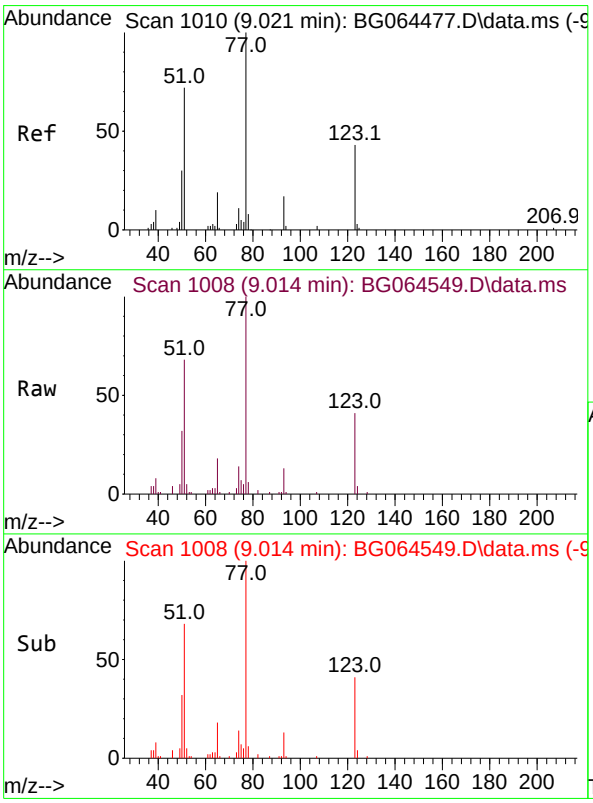
Ion	Ratio	Lower	Upper
82	100		
128	40.5	33.1	49.7
54	67.2	55.4	83.2



Instrument :
BNA_G
ClientSampleId :
PB170165BS

Manual Integrations
APPROVED

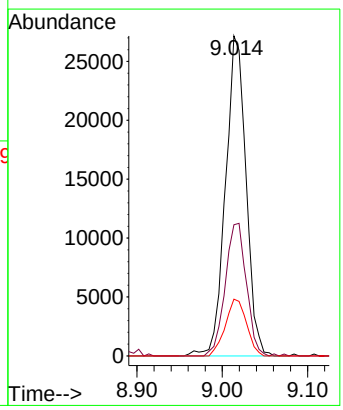
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

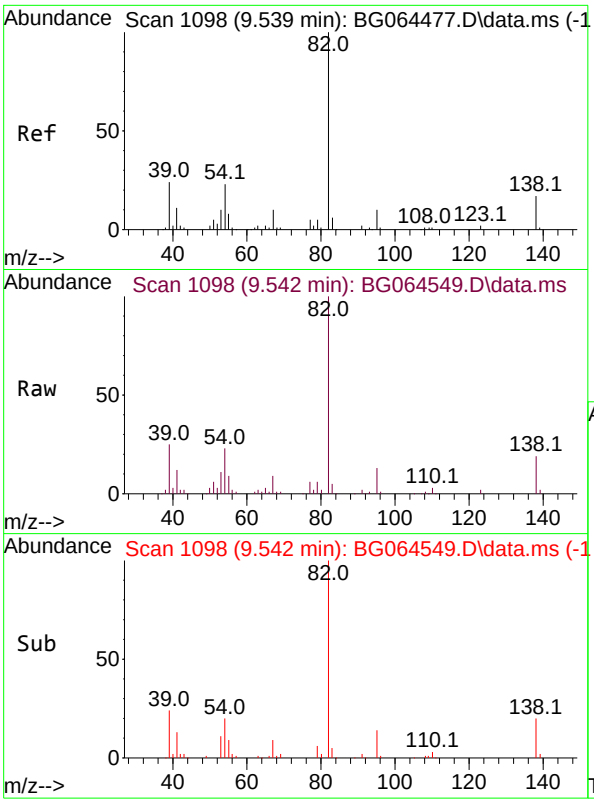


#24
Nitrobenzene
Concen: 43.626 ng
RT: 9.014 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion: 77 Resp: 45428

Ion	Ratio	Lower	Upper
77	100		
123	41.0	34.4	51.6
65	17.7	14.8	22.2

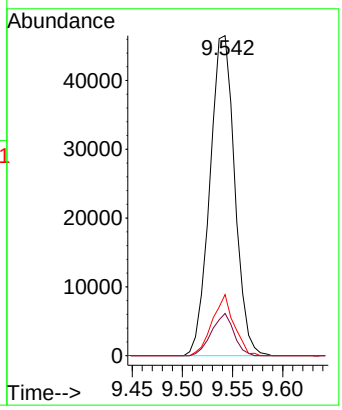




#25
Isophorone
Concen: 42.427 ng
RT: 9.542 min Scan# 1
Delta R.T. 0.012 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion: 82 Resp: 8025

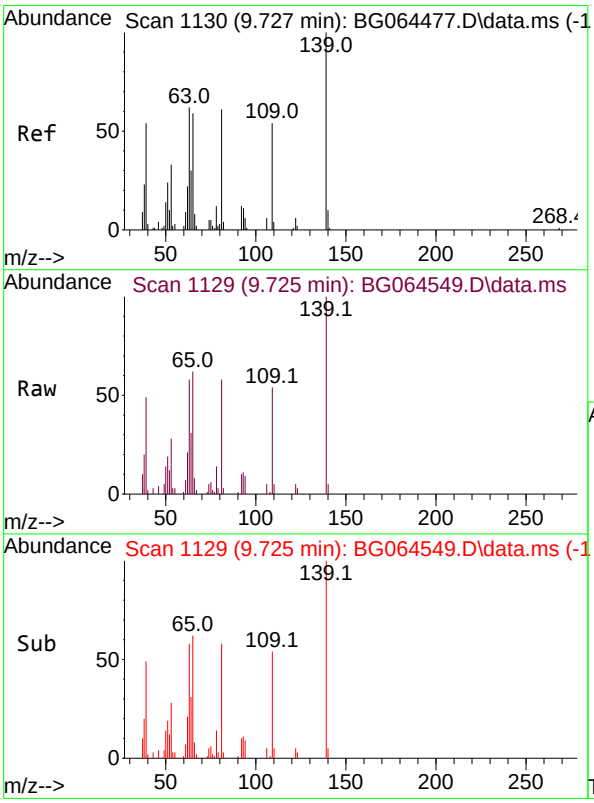
Ion	Ratio	Lower	Upper
82	100		
95	13.2	7.8	11.8#
138	19.1	13.8	20.6



Instrument :
BNA_G
ClientSampleId :
PB170165BS

Manual Integrations
APPROVED

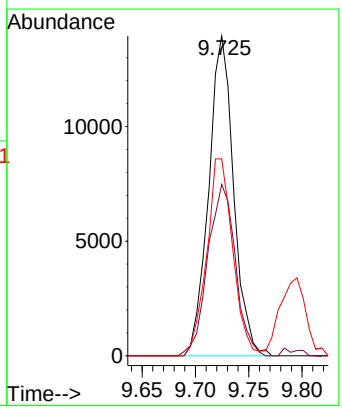
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

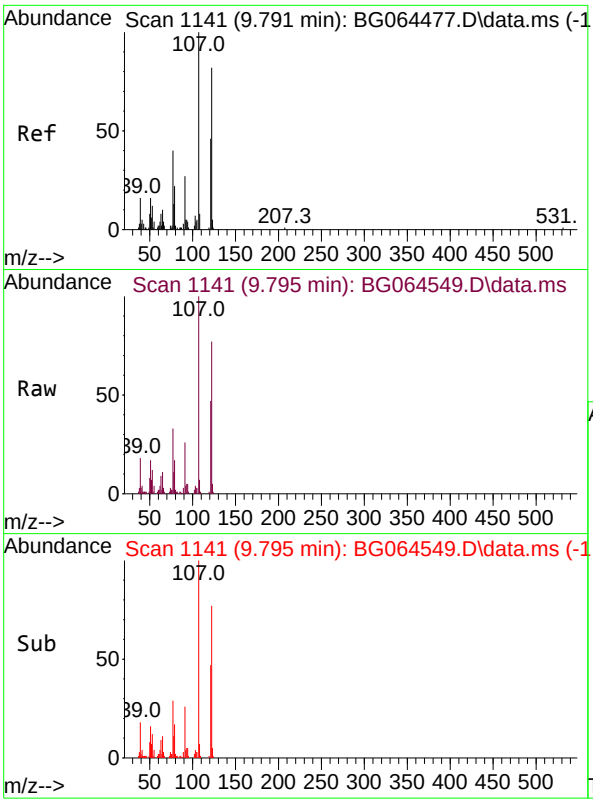


#26
2-Nitrophenol
Concen: 43.964 ng
RT: 9.725 min Scan# 1129
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:139 Resp: 22785

Ion	Ratio	Lower	Upper
139	100		
109	53.6	43.0	64.6
65	61.6	47.4	71.2

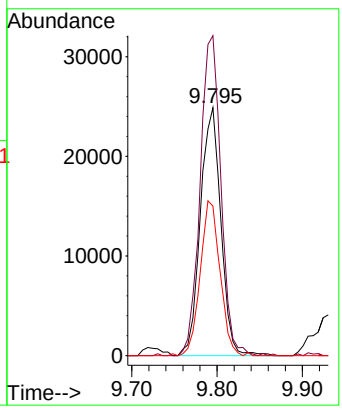




#27
2,4-Dimethylphenol
Concen: 52.440 ng
RT: 9.795 min Scan# 11
Delta R.T. 0.012 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:122 Resp: 4151

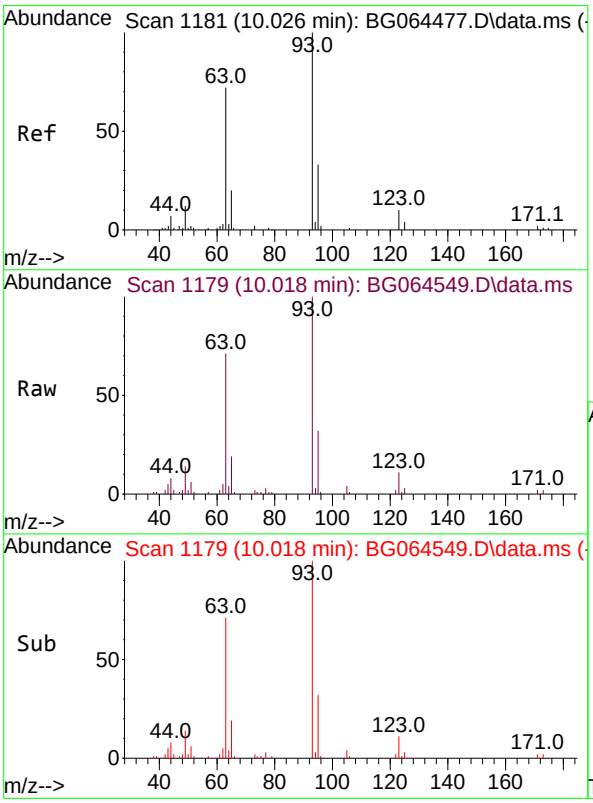
Ion	Ratio	Lower	Upper
122	100		
107	129.1	98.3	147.5
121	60.4	44.7	67.1



Instrument :
BNA_G
ClientSampleId :
PB170165BS

Manual Integrations
APPROVED

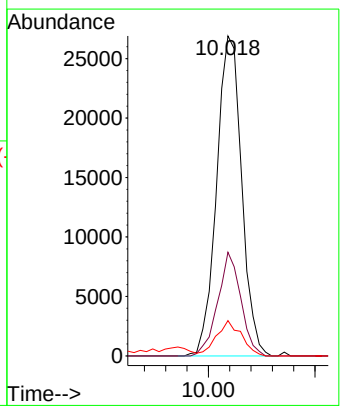
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

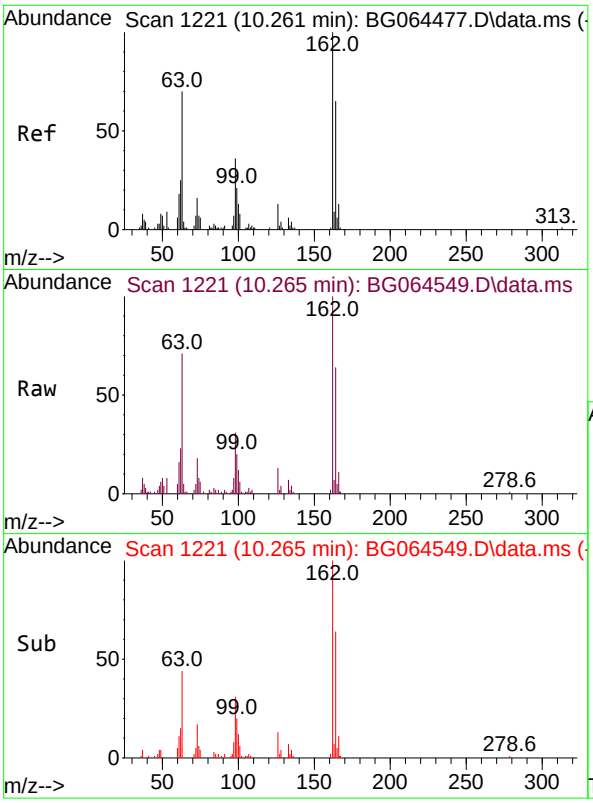


#28
bis(2-Chloroethoxy)methane
Concen: 45.510 ng
RT: 10.018 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion: 93 Resp: 43884

Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.5	39.7
123	11.0	8.9	13.3

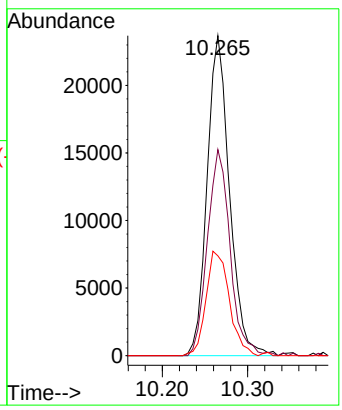




#29
2,4-Dichlorophenol
Concen: 47.121 ng
RT: 10.265 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:162 Resp: 4313

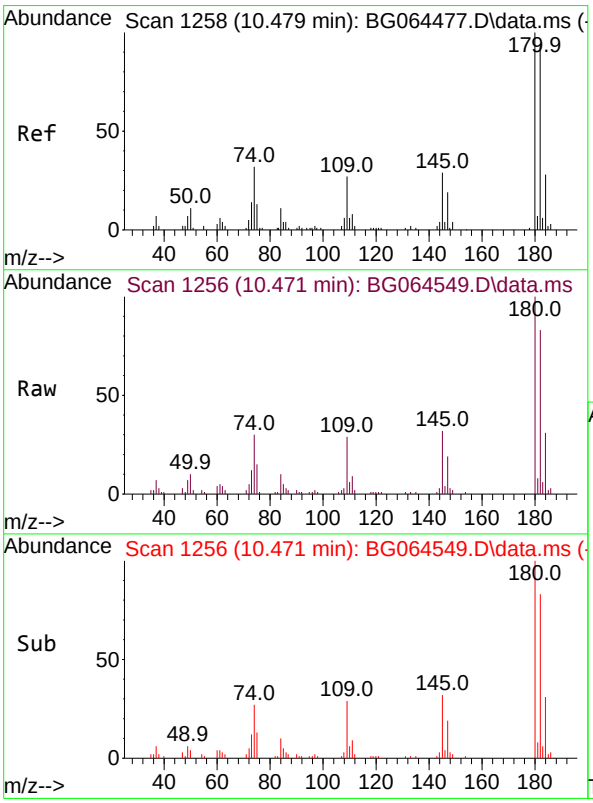
Ion	Ratio	Lower	Upper
162	100		
164	64.4	45.4	85.4
98	31.2	16.4	56.4



Instrument :
BNA_G
ClientSampleId :
PB170165BS

Manual Integrations
APPROVED

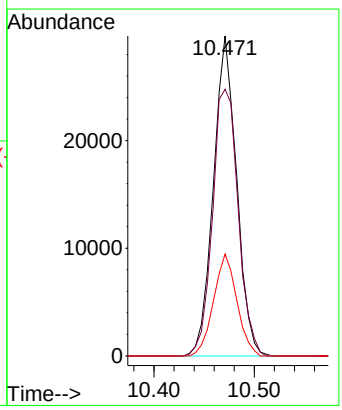
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

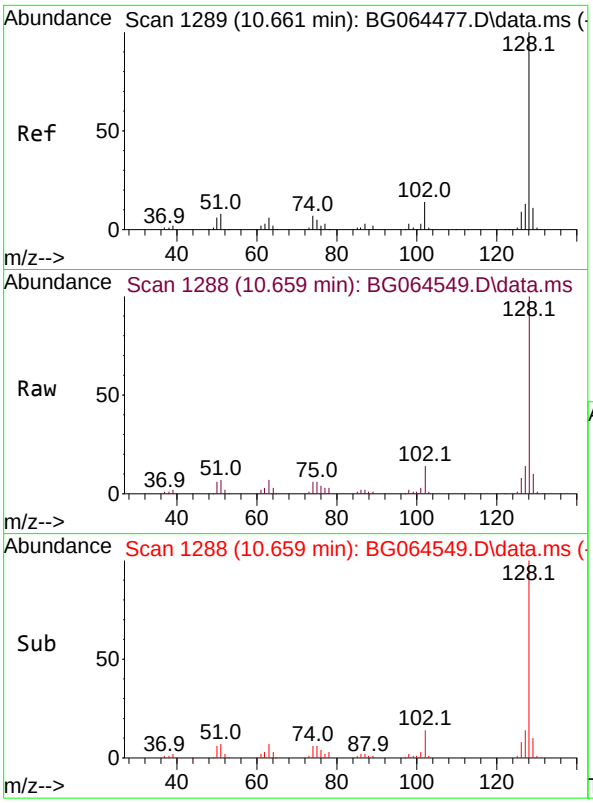


#30
1,2,4-Trichlorobenzene
Concen: 47.820 ng
RT: 10.471 min Scan# 1256
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:180 Resp: 47728

Ion	Ratio	Lower	Upper
180	100		
182	83.3	75.4	113.2
145	31.8	23.2	34.8

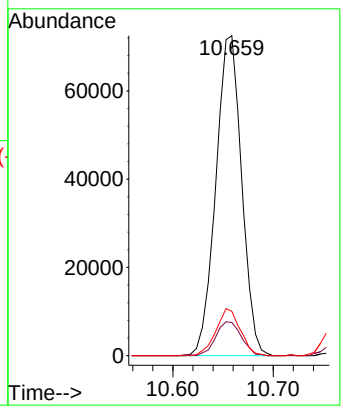




#31
Naphthalene
Concen: 44.858 ng
RT: 10.659 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:128 Resp: 12970

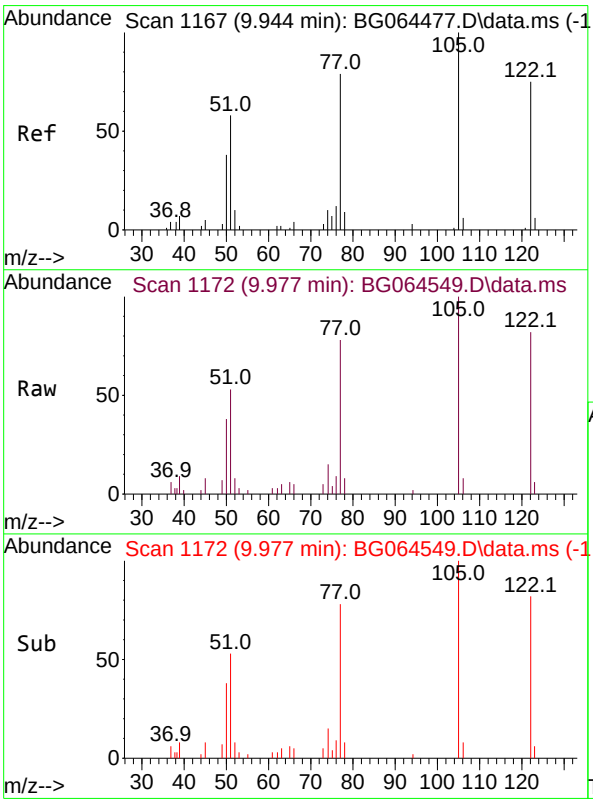
Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.7	13.1
127	13.8	10.2	15.2



Instrument :
BNA_G
ClientSampleId :
PB170165BS

Manual Integrations
APPROVED

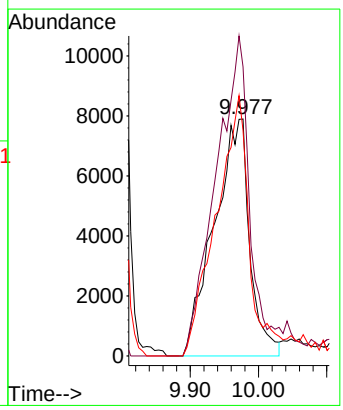
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

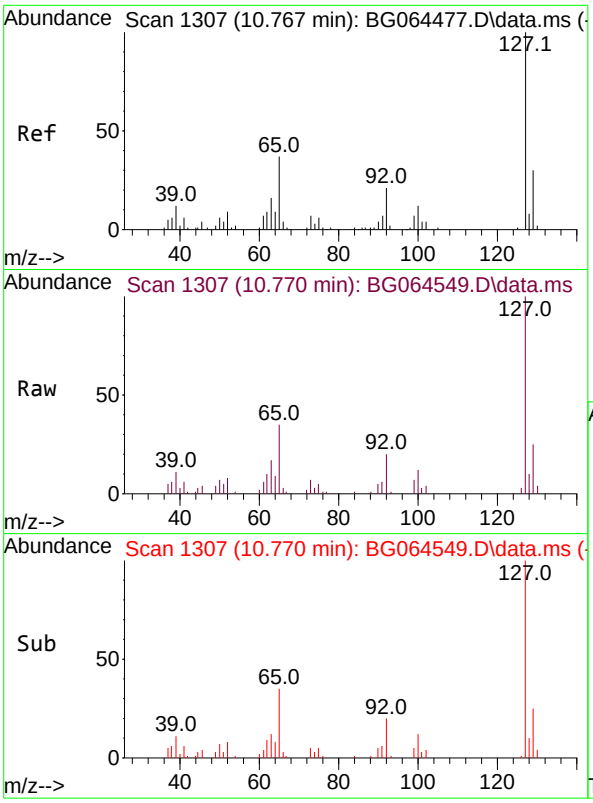


#32
Benzoic acid
Concen: 46.954 ng
RT: 9.977 min Scan# 1172
Delta R.T. 0.089 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:122 Resp: 28536

Ion	Ratio	Lower	Upper
122	100		
105	122.0	113.9	153.9
77	95.1	86.1	126.1

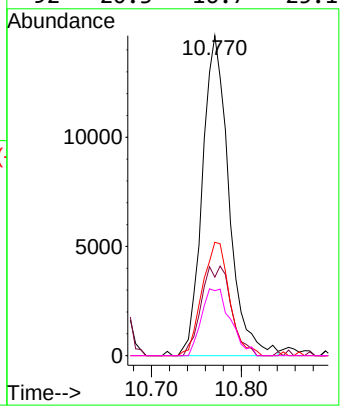




#33
4-Chloroaniline
Concen: 27.100 ng
RT: 10.770 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:127 Resp: 3006

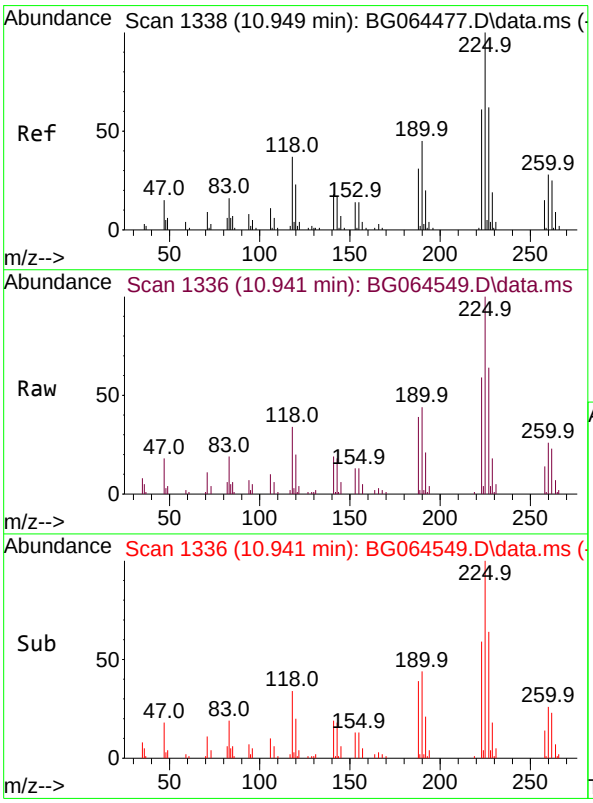
Ion	Ratio	Lower	Upper
127	100		
129	24.5	24.2	36.4
65	35.4	29.6	44.4
92	20.3	16.7	25.1



Instrument :
BNA_G
ClientSampleId :
PB170165BS

Manual Integrations
APPROVED

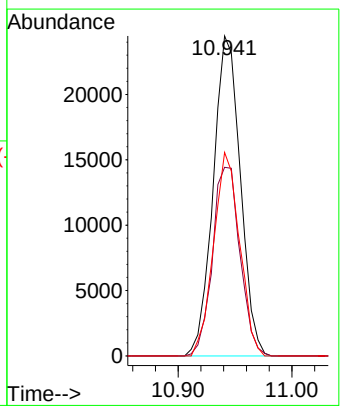
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

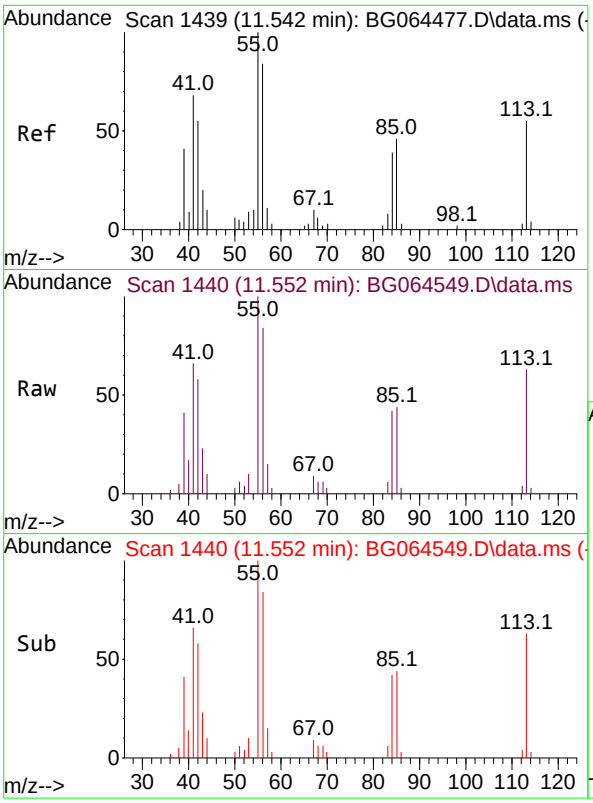


#34
Hexachlorobutadiene
Concen: 47.382 ng
RT: 10.941 min Scan# 1336
Delta R.T. -0.005 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:225 Resp: 40500

Ion	Ratio	Lower	Upper
225	100		
223	58.9	49.0	73.6
227	63.6	49.9	74.9

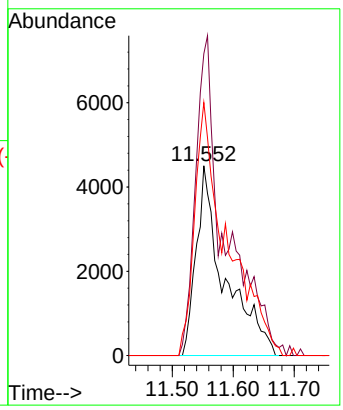




#35
Caprolactam
Concen: 46.530 ng
RT: 11.552 min Scan# 14
Delta R.T. 0.042 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:113 Resp: 1458

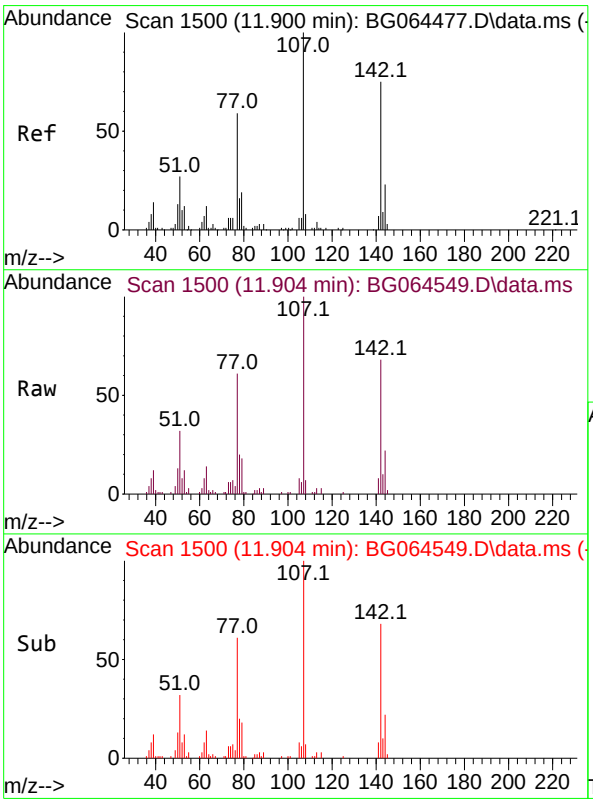
Ion	Ratio	Lower	Upper
113	100		
55	159.0	162.0	202.0#
56	133.3	134.6	174.6#



Instrument :
BNA_G
ClientSampleId :
PB170165BS

Manual Integrations
APPROVED

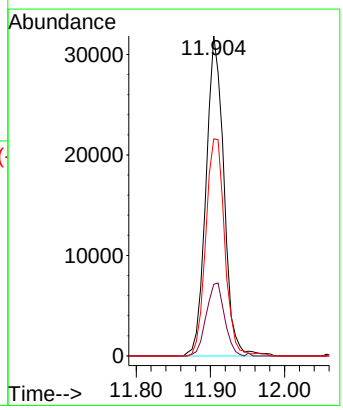
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

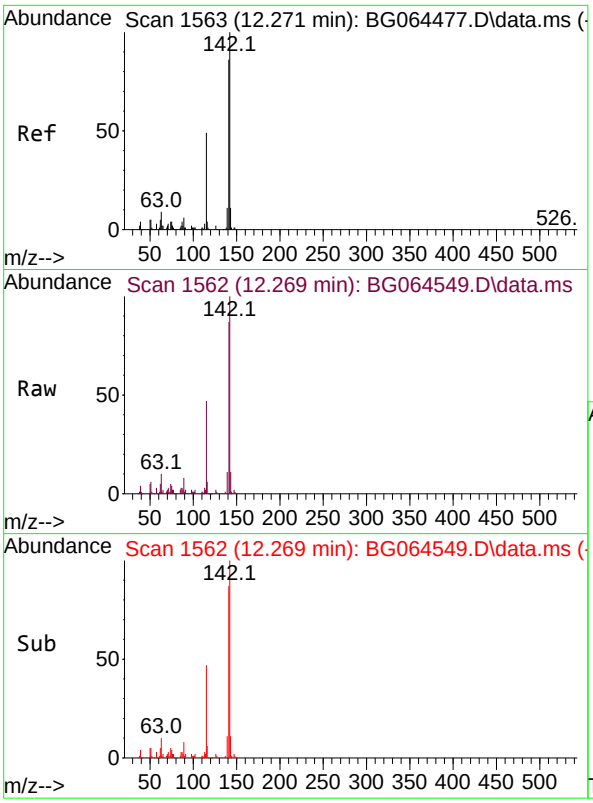


#36
4-Chloro-3-methylphenol
Concen: 47.901 ng
RT: 11.904 min Scan# 1500
Delta R.T. 0.012 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:107 Resp: 53322

Ion	Ratio	Lower	Upper
107	100		
144	22.4	18.7	28.1
142	67.8	60.2	90.2

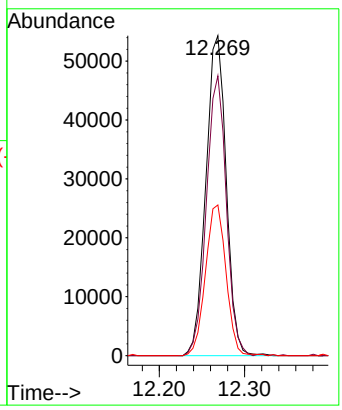




#37
2-Methylnaphthalene
Concen: 40.540 ng
RT: 12.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:142 Resp: 8997

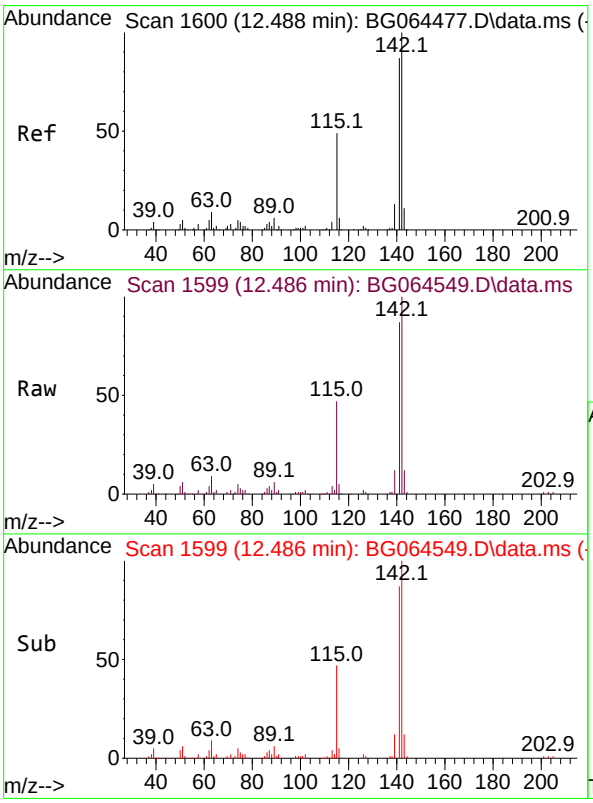
Ion	Ratio	Lower	Upper
142	100		
141	87.4	68.7	103.1
115	47.1	39.3	58.9



Instrument :
BNA_G
ClientSampleId :
PB170165BS

Manual Integrations
APPROVED

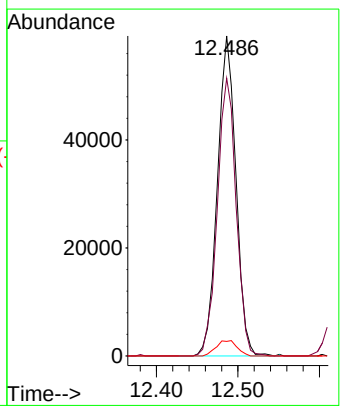
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

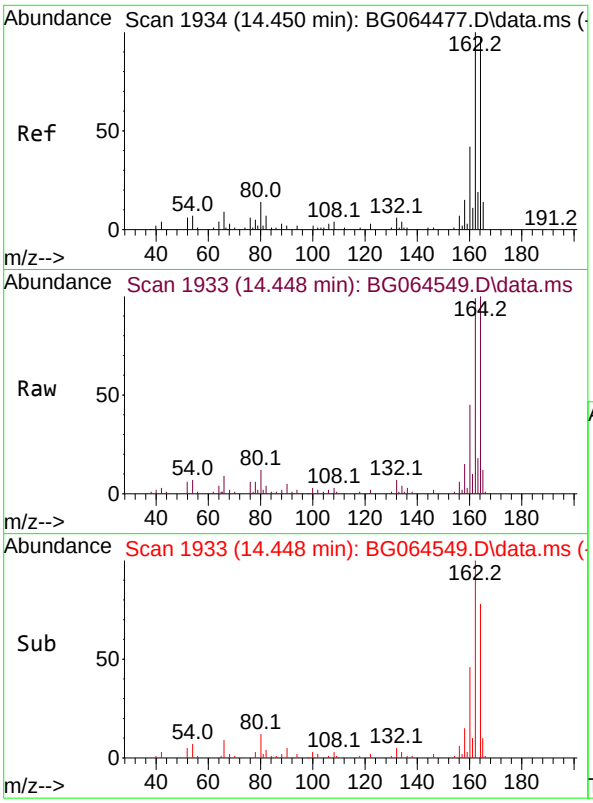


#38
1-Methylnaphthalene
Concen: 42.425 ng m
RT: 12.486 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:142 Resp: 93890

Ion	Ratio	Lower	Upper
142	100		
141	86.8	69.8	104.8
116	4.5	4.6	6.8#

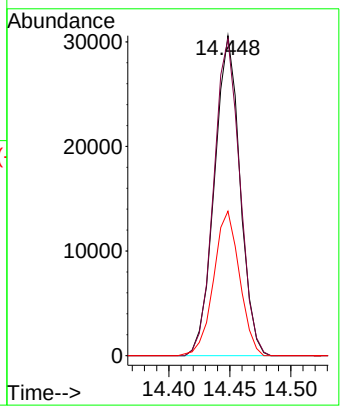




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.448 min Scan# 19
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:164 Resp: 44549

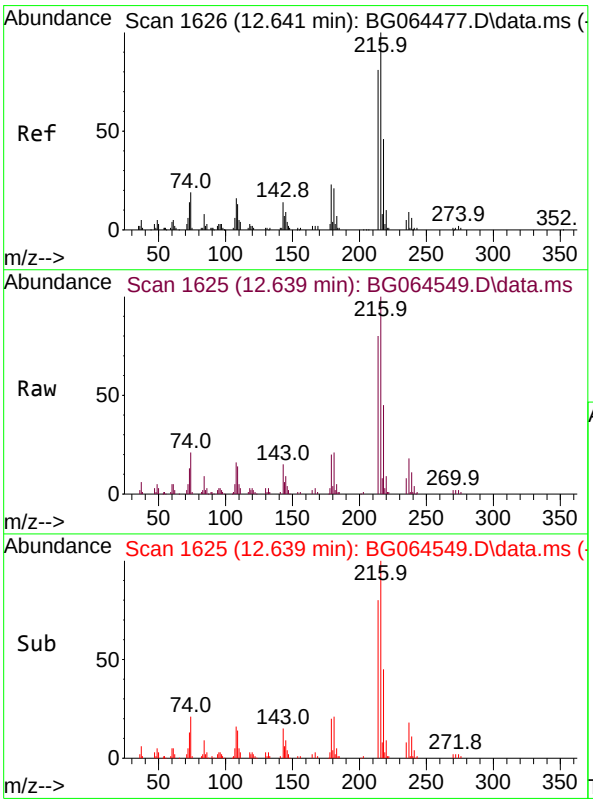
Ion	Ratio	Lower	Upper
164	100		
162	98.9	82.2	123.2
160	45.1	34.3	51.5



Instrument :
BNA_G
ClientSampleId :
PB170165BS

Manual Integrations
APPROVED

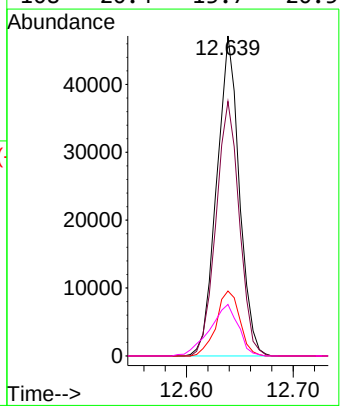
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

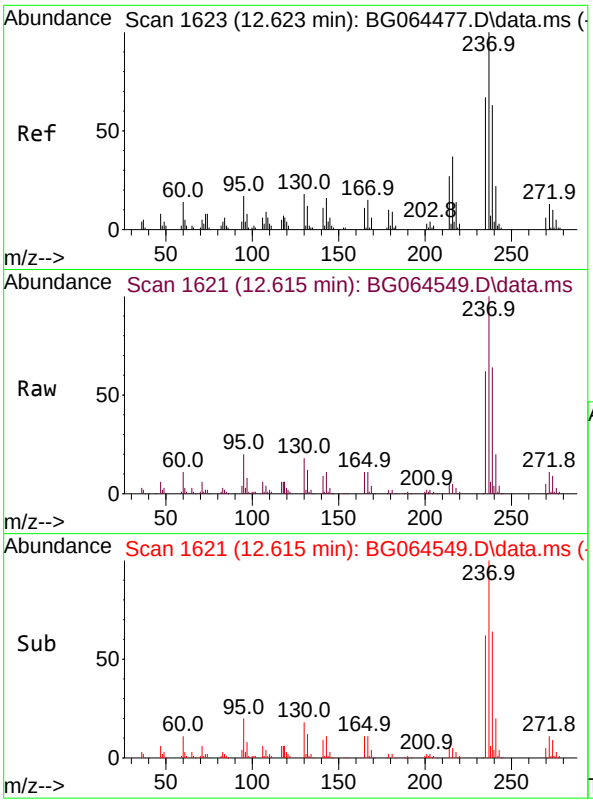


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.352 ng
RT: 12.639 min Scan# 1625
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:216 Resp: 69550

Ion	Ratio	Lower	Upper
216	100		
214	81.7	62.5	93.7
179	21.1	17.0	25.6
108	20.4	13.7	20.5

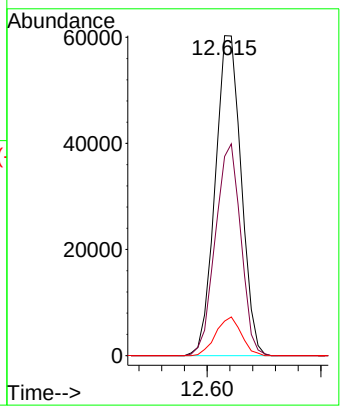




#41
Hexachlorocyclopentadiene
Concen: 127.082 ng
RT: 12.615 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:237 Resp: 9561

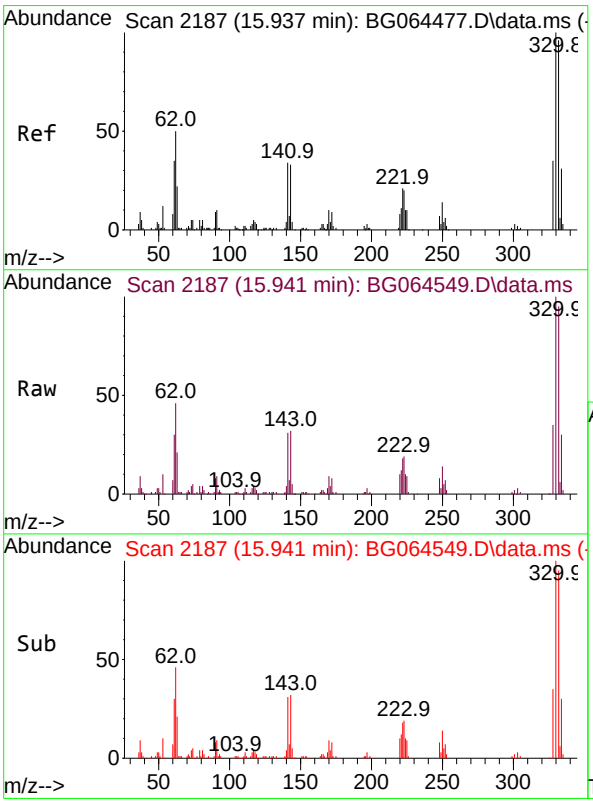
Ion	Ratio	Lower	Upper
237	100		
235	62.2	46.9	86.9
272	10.8	0.0	32.6



Instrument :
BNA_G
ClientSampleId :
PB170165BS

Manual Integrations
APPROVED

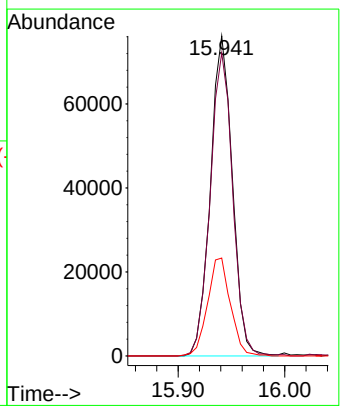
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

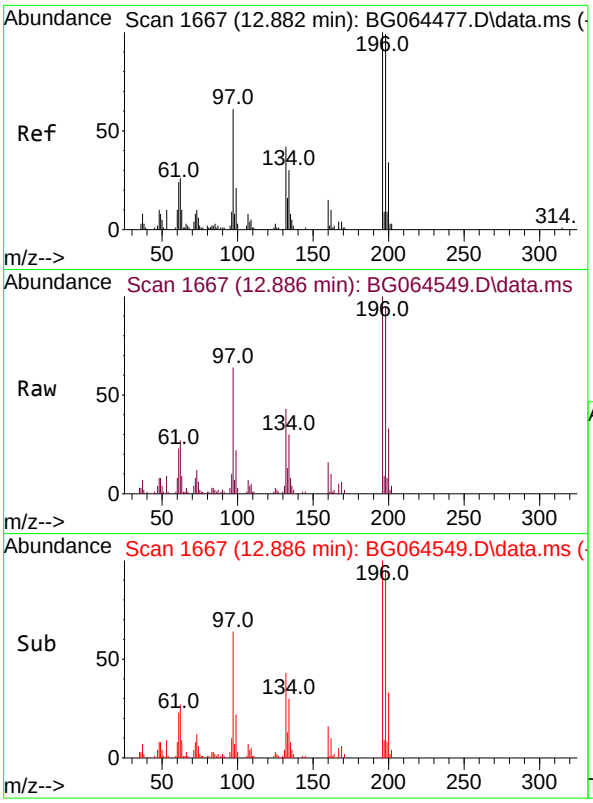


#42
2,4,6-Tribromophenol
Concen: 135.262 ng
RT: 15.941 min Scan# 2187
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:330 Resp: 109226

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.0
141	31.8	25.8	38.6

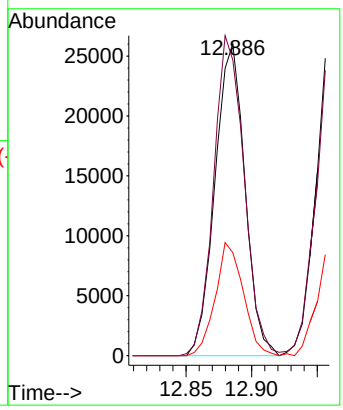




#43
2,4,6-Trichlorophenol
Concen: 44.862 ng
RT: 12.886 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:196 Resp: 4125

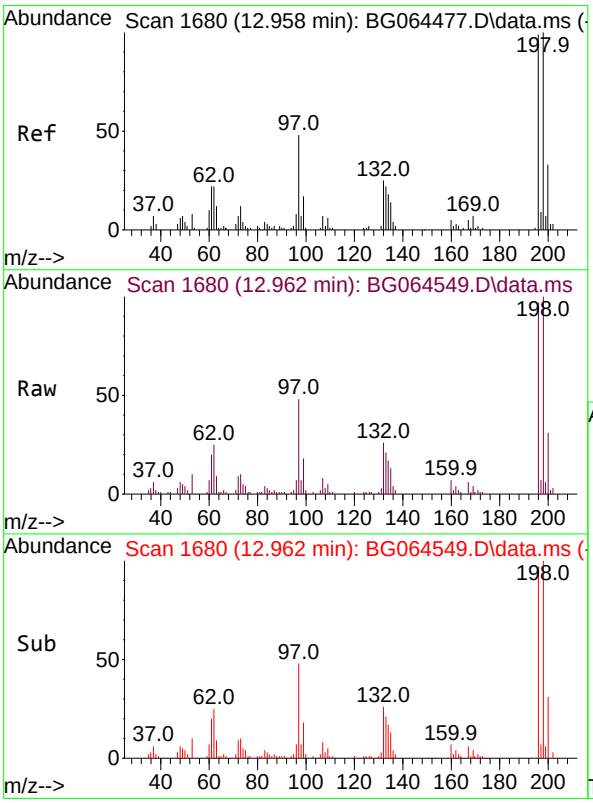
Ion	Ratio	Lower	Upper
196	100		
198	94.8	79.3	118.9
200	33.0	27.4	41.2



Instrument :
BNA_G
ClientSampleId :
PB170165BS

Manual Integrations
APPROVED

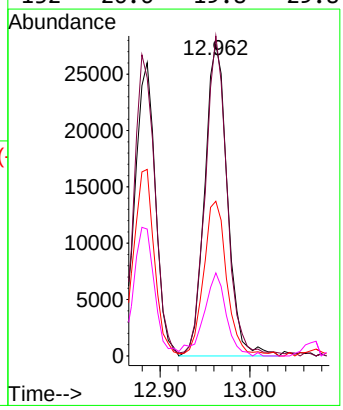
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

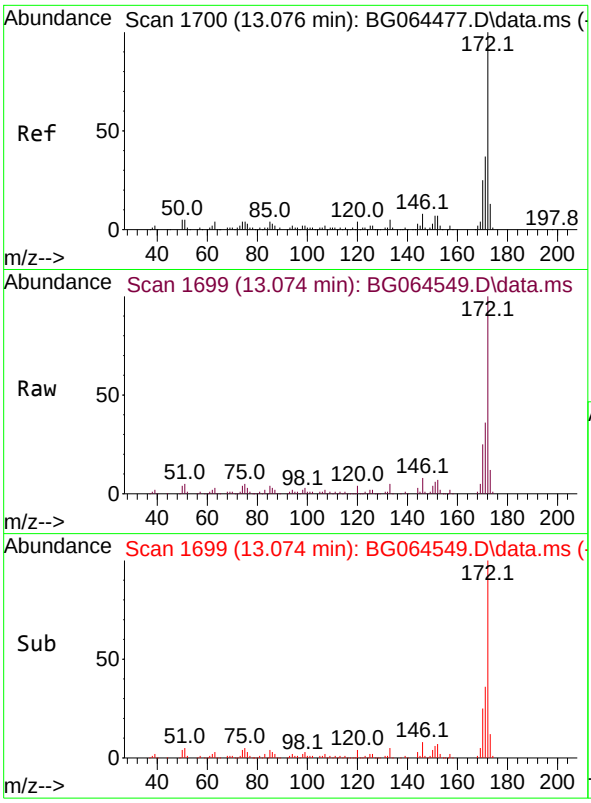


#44
2,4,5-Trichlorophenol
Concen: 47.405 ng
RT: 12.962 min Scan# 1680
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:196 Resp: 48664

Ion	Ratio	Lower	Upper
196	100		
198	102.7	80.3	120.5
97	49.6	39.4	59.0
132	26.6	19.8	29.8

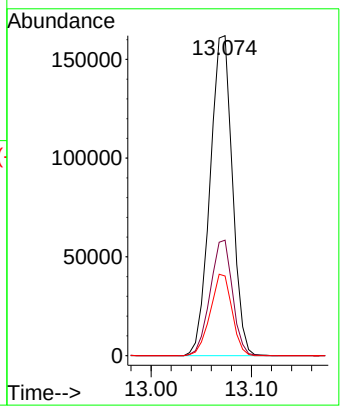




#45
2-Fluorobiphenyl
Concen: 82.763 ng
RT: 13.074 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:172 Resp: 25013

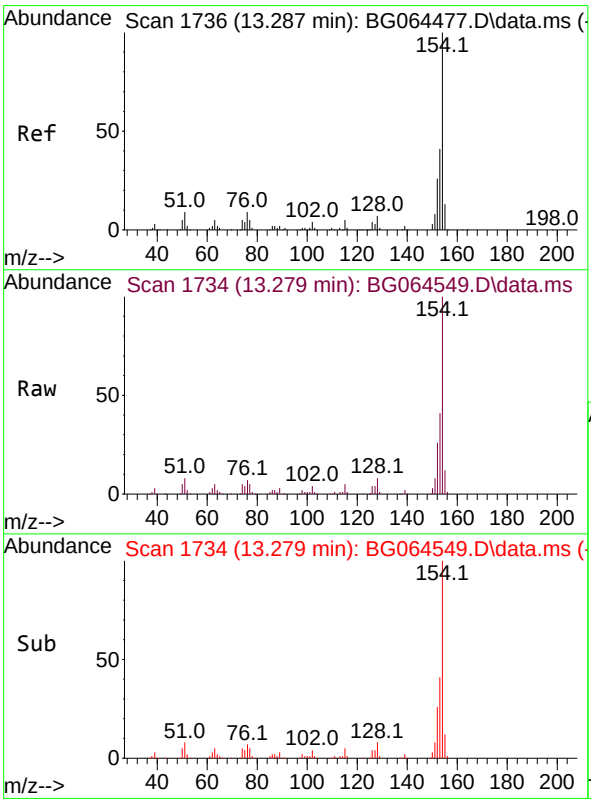
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.9	20.2	30.2



Instrument :
BNA_G
ClientSampleId :
PB170165BS

Manual Integrations
APPROVED

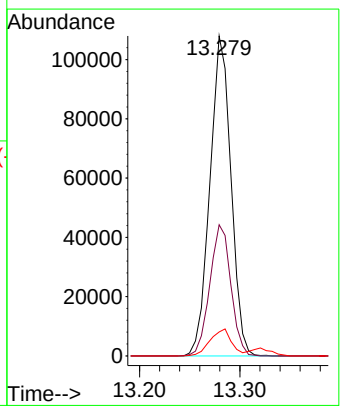
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

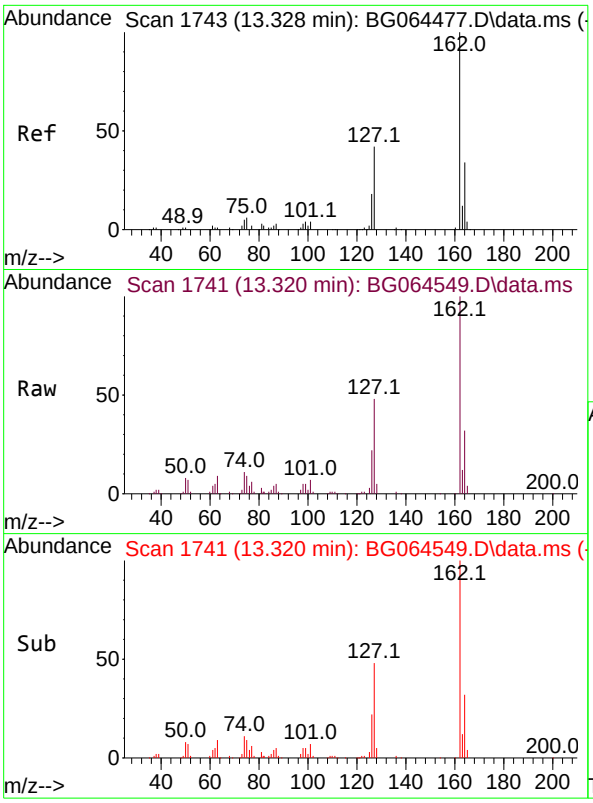


#46
1,1'-Biphenyl
Concen: 49.141 ng
RT: 13.279 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:154 Resp: 157453

Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.7	60.7
76	7.5	0.0	29.3

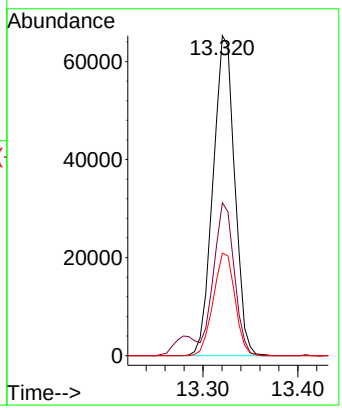




#47
2-Chloronaphthalene
Concen: 43.284 ng
RT: 13.320 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:162 Resp: 10354

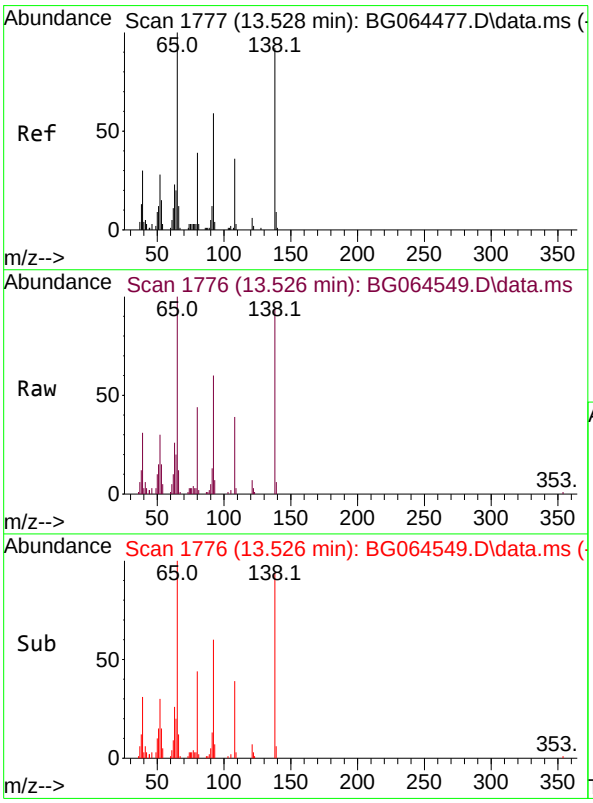
Ion	Ratio	Lower	Upper
162	100		
127	47.8	35.8	53.8
164	32.1	27.2	40.8



Instrument :
BNA_G
ClientSampleId :
PB170165BS

Manual Integrations
APPROVED

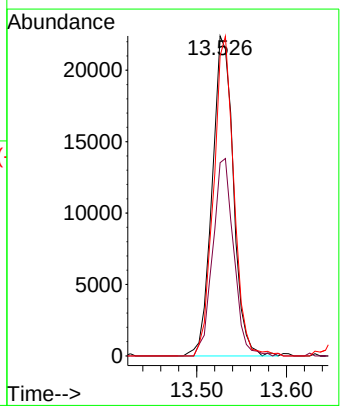
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

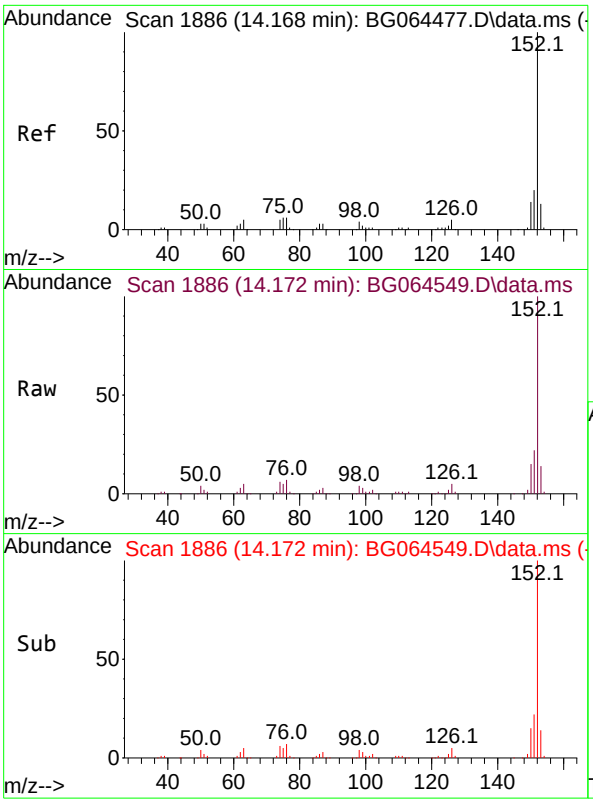


#48
2-Nitroaniline
Concen: 44.910 ng
RT: 13.526 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion: 65 Resp: 36668

Ion	Ratio	Lower	Upper
65	100		
92	60.4	47.0	70.6
138	93.7	73.5	110.3

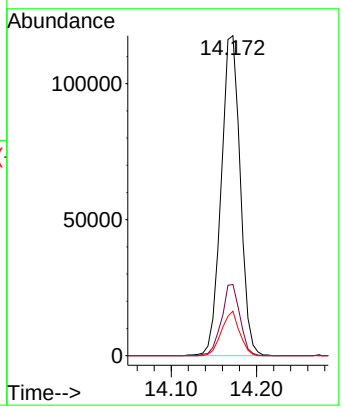




#49
Acenaphthylene
Concen: 51.304 ng
RT: 14.172 min Scan# 18
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:152 Resp: 182191

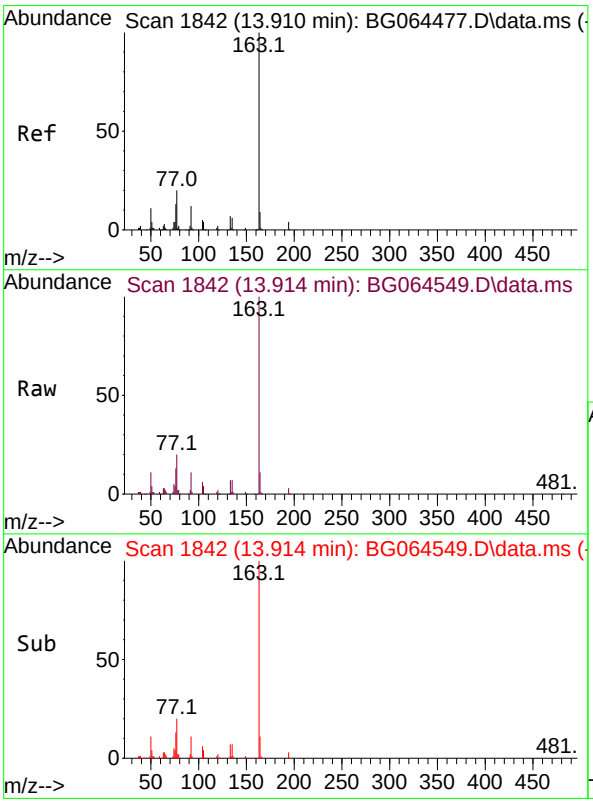
Ion	Ratio	Lower	Upper
152	100		
151	22.2	15.8	23.6
153	13.9	10.6	15.8



Instrument :
BNA_G
ClientSampleId :
PB170165BS

Manual Integrations
APPROVED

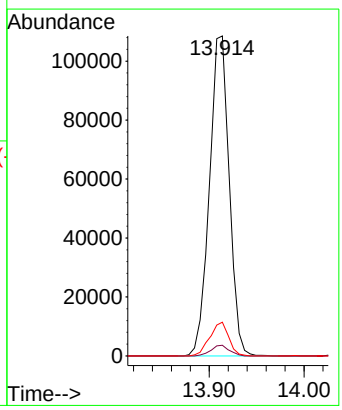
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

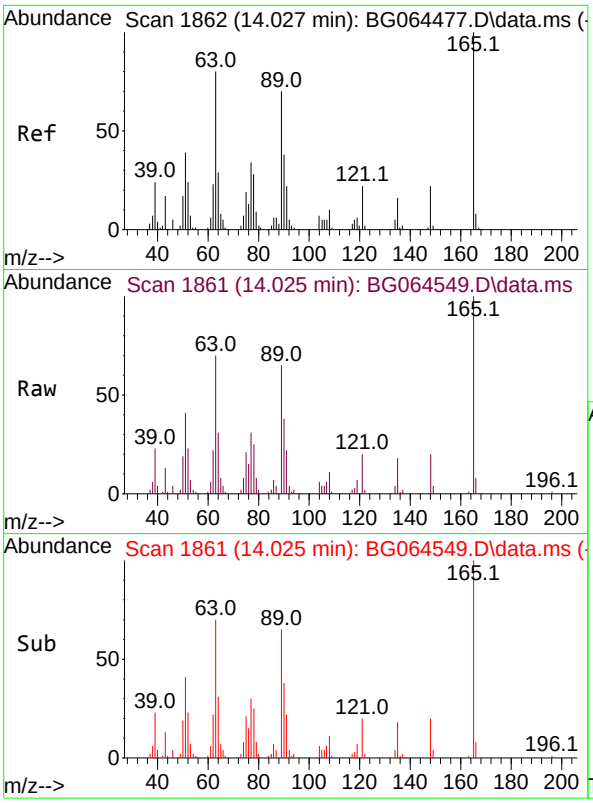


#50
Dimethylphthalate
Concen: 45.098 ng
RT: 13.914 min Scan# 1842
Delta R.T. 0.012 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:163 Resp: 157351

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.9	4.3
164	10.5	7.4	11.0





#51
2,6-Dinitrotoluene
Concen: 48.230 ng
RT: 14.025 min Scan# 18
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

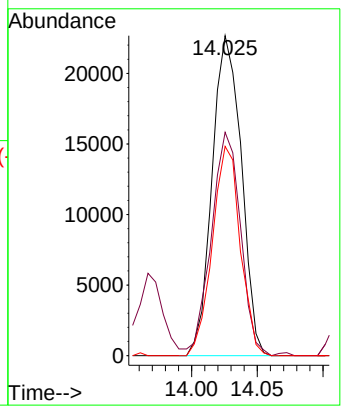
Tgt Ion:165 Resp: 3505

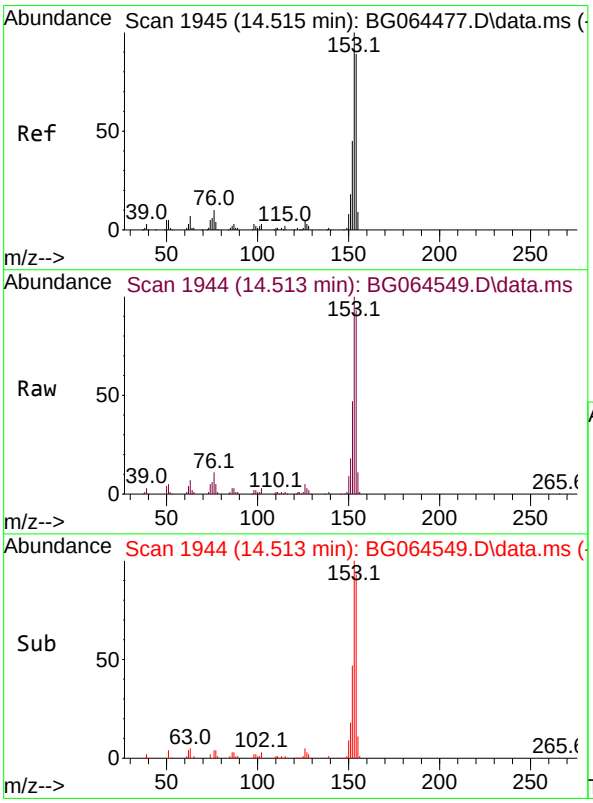
Ion	Ratio	Lower	Upper
165	100		
63	69.8	63.9	95.9
89	65.4	56.1	84.1

Instrument :
BNA_G
ClientSampleId :
PB170165BS

Manual Integrations
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Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

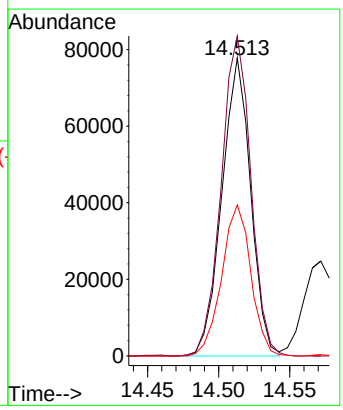


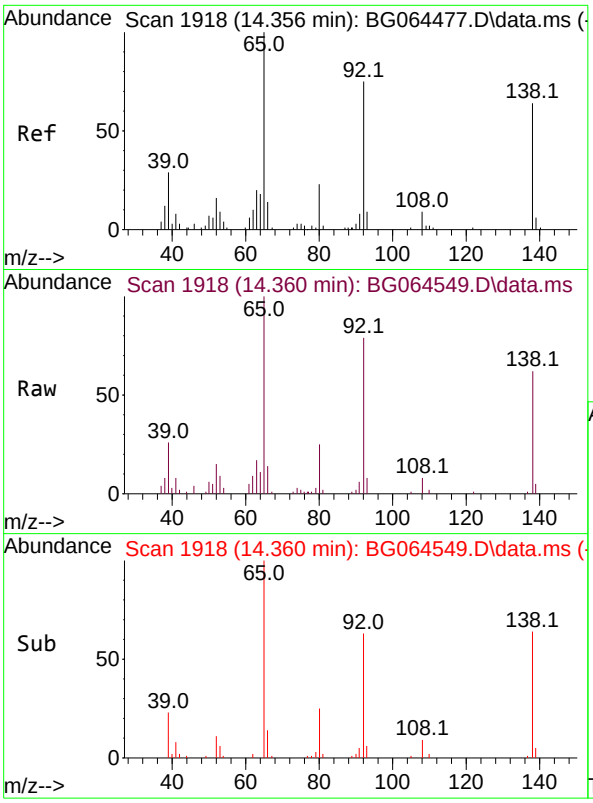


#52
Acenaphthene
Concen: 44.318 ng
RT: 14.513 min Scan# 1944
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:154 Resp: 109342

Ion	Ratio	Lower	Upper
154	100		
153	107.4	90.2	135.4
152	50.7	40.2	60.4

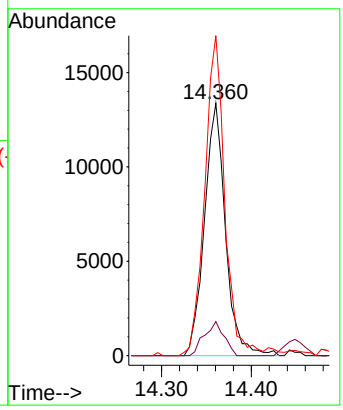




#53
3-Nitroaniline
Concen: 32.549 ng
RT: 14.360 min Scan# 19
Delta R.T. 0.012 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:138 Resp: 2181

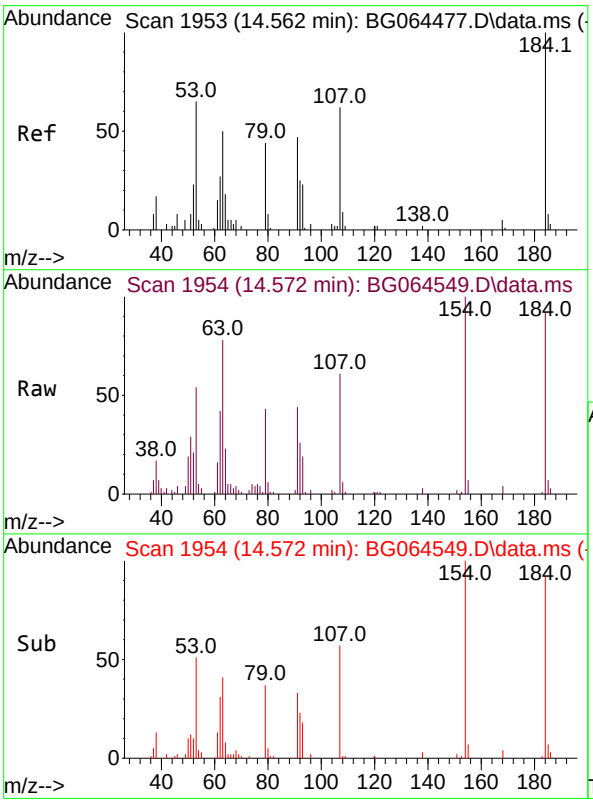
Ion	Ratio	Lower	Upper
138	100		
108	13.5	10.6	15.8
92	126.9	93.2	139.8



Instrument :
BNA_G
ClientSampleId :
PB170165BS

Manual Integrations
APPROVED

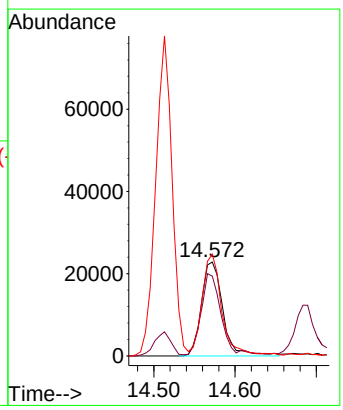
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

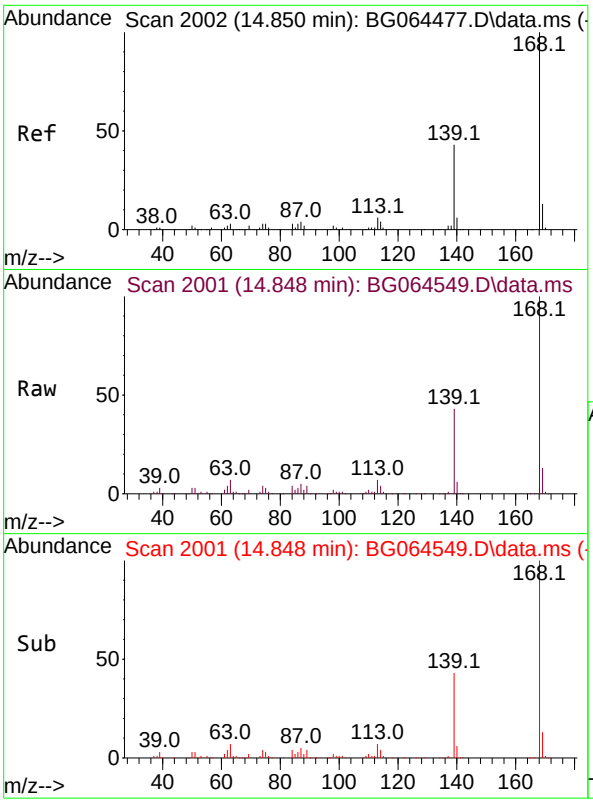


#54
2,4-Dinitrophenol
Concen: 79.453 ng
RT: 14.572 min Scan# 1954
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:184 Resp: 41874

Ion	Ratio	Lower	Upper
184	100		
63	85.0	69.0	103.4
154	108.4	95.6	143.4

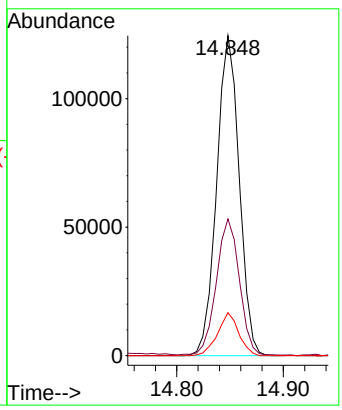




#55
Dibenzofuran
Concen: 44.988 ng
RT: 14.848 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:168 Resp: 18326

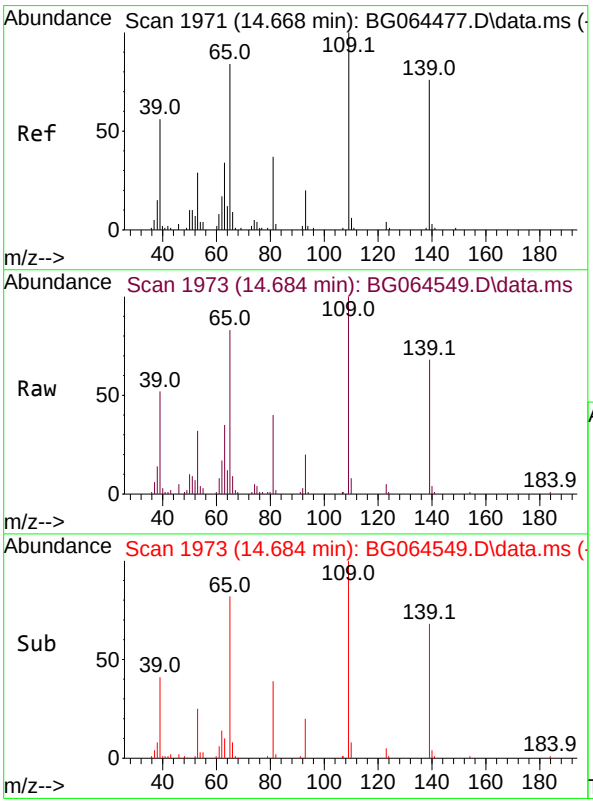
Ion	Ratio	Lower	Upper
168	100		
139	42.7	34.0	51.0
169	13.4	10.2	15.2



Instrument :
BNA_G
ClientSampleId :
PB170165BS

Manual Integrations
APPROVED

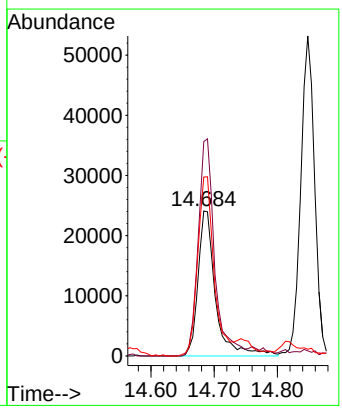
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

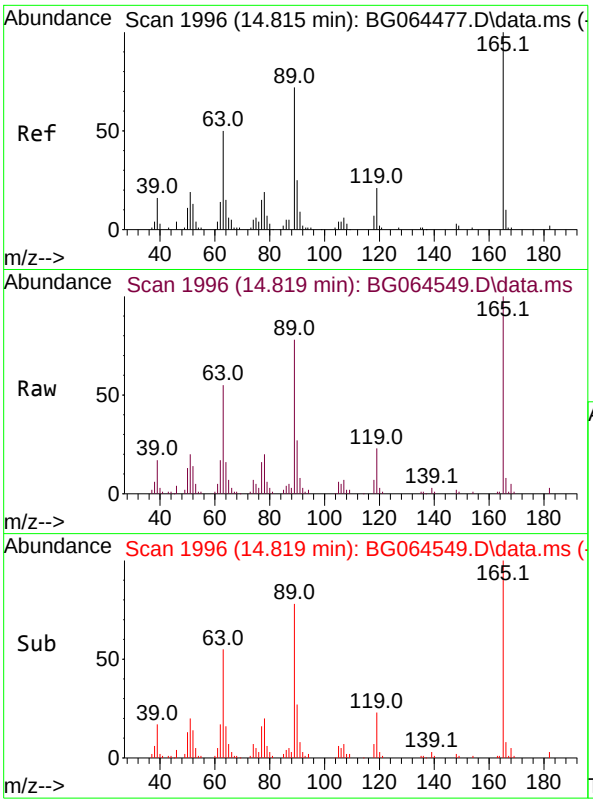


#56
4-Nitrophenol
Concen: 87.916 ng
RT: 14.684 min Scan# 1973
Delta R.T. 0.018 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:139 Resp: 46397

Ion	Ratio	Lower	Upper
139	100		
109	147.8	111.8	151.8
65	123.4	91.1	131.1

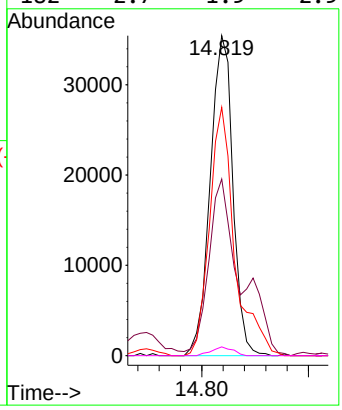




#57
2,4-Dinitrotoluene
Concen: 47.114 ng
RT: 14.819 min Scan# 19
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:165 Resp: 5234

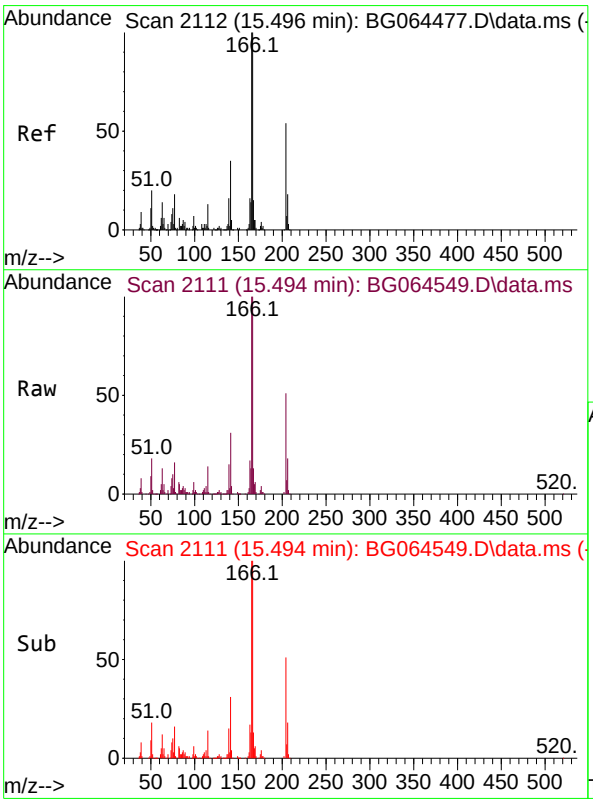
Ion	Ratio	Lower	Upper
165	100		
63	55.2	40.4	60.6
89	77.6	57.3	85.9
182	2.7	1.9	2.9



Instrument :
BNA_G
ClientSampleId :
PB170165BS

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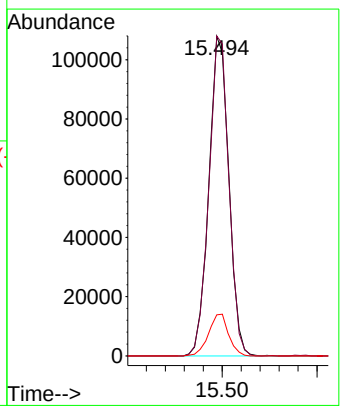
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

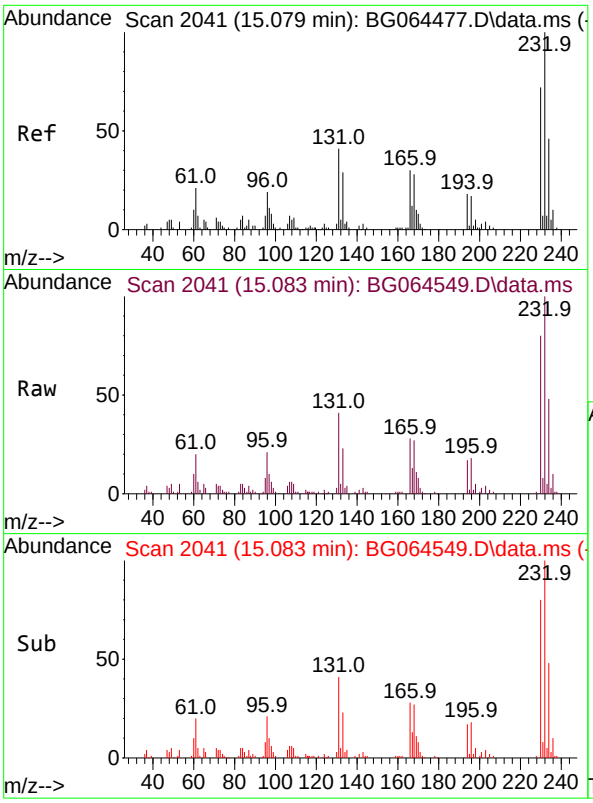


#58
Fluorene
Concen: 46.615 ng
RT: 15.494 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:166 Resp: 157870

Ion	Ratio	Lower	Upper
166	100		
165	100.2	79.8	119.6
167	12.9	11.7	17.5

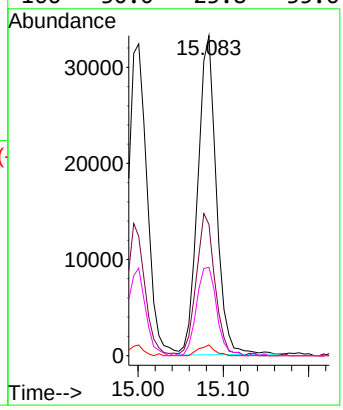




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.653 ng
RT: 15.083 min Scan# 20
Delta R.T. 0.012 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:232 Resp: 4992

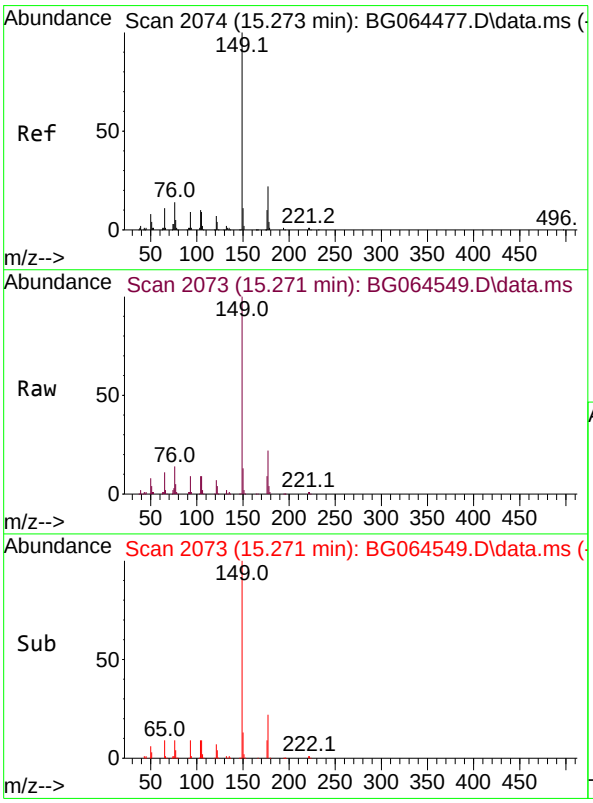
Ion	Ratio	Lower	Upper
232	100		
131	45.0	35.0	52.4
130	2.9	2.0	3.0
166	30.0	23.8	35.6



Instrument :
BNA_G
ClientSampleId :
PB170165BS

Manual Integrations
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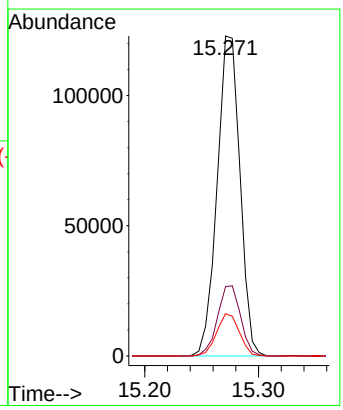
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

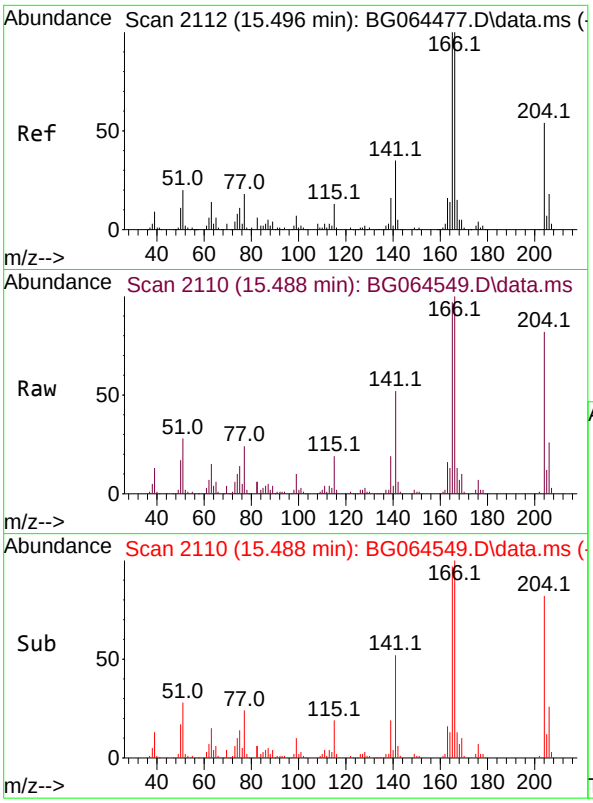


#60
Diethylphthalate
Concen: 45.787 ng
RT: 15.271 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:149 Resp: 171377

Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.4	26.0
150	13.2	9.1	13.7

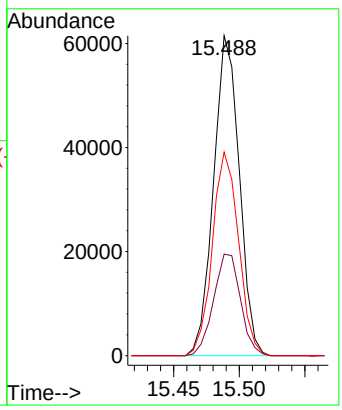




#61
4-Chlorophenyl-phenylether
Concen: 45.419 ng
RT: 15.488 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:204 Resp: 8397

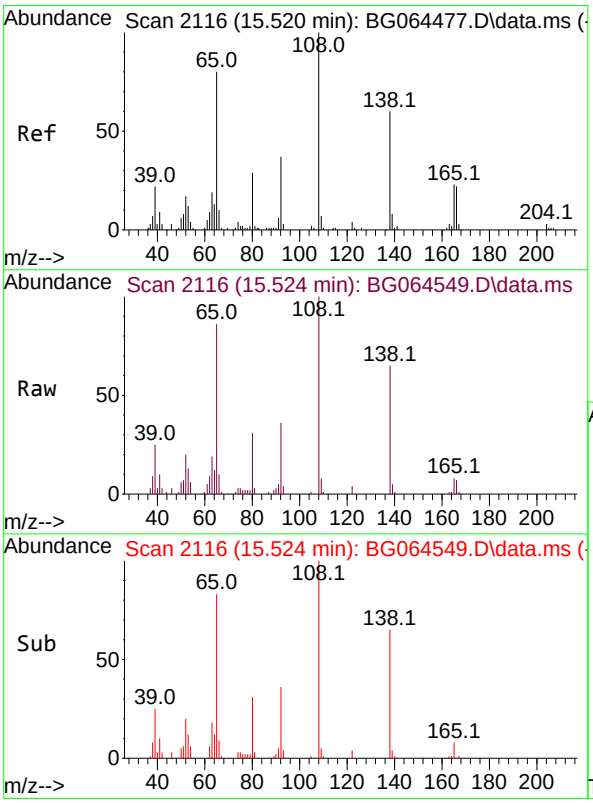
Ion	Ratio	Lower	Upper
204	100		
206	31.7	27.1	40.7
141	63.6	51.5	77.3



Instrument :
BNA_G
ClientSampleId :
PB170165BS

Manual Integrations
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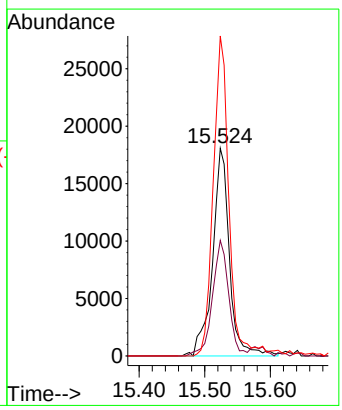
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

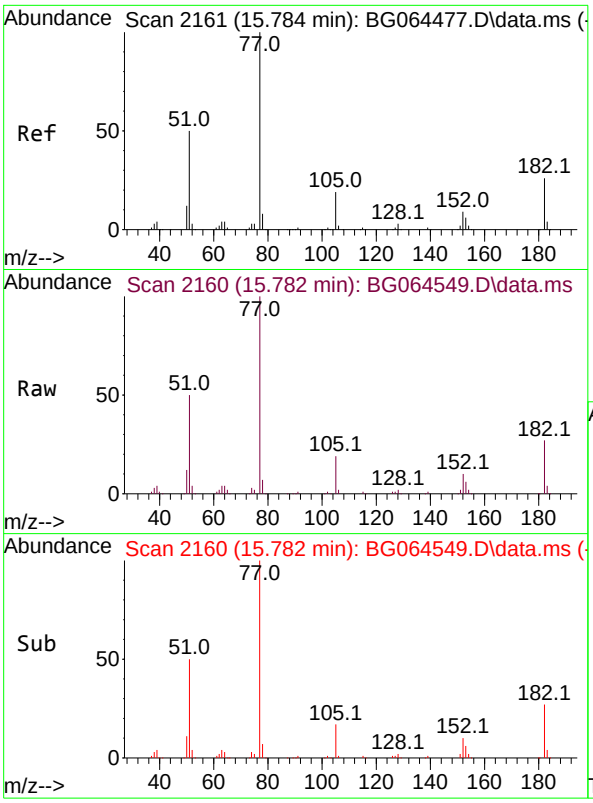


#62
4-Nitroaniline
Concen: 46.343 ng
RT: 15.524 min Scan# 2116
Delta R.T. 0.012 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:138 Resp: 32377

Ion	Ratio	Lower	Upper
138	100		
92	55.6	42.3	82.3
108	154.1	147.7	187.7

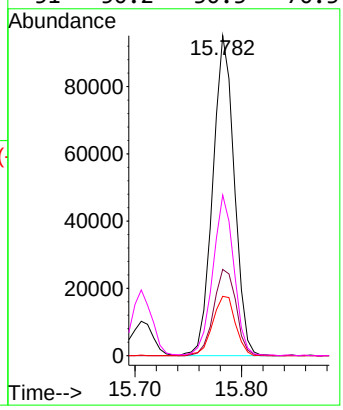




#63
Azobenzene
Concen: 46.087 ng
RT: 15.782 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion: 77 Resp: 13359

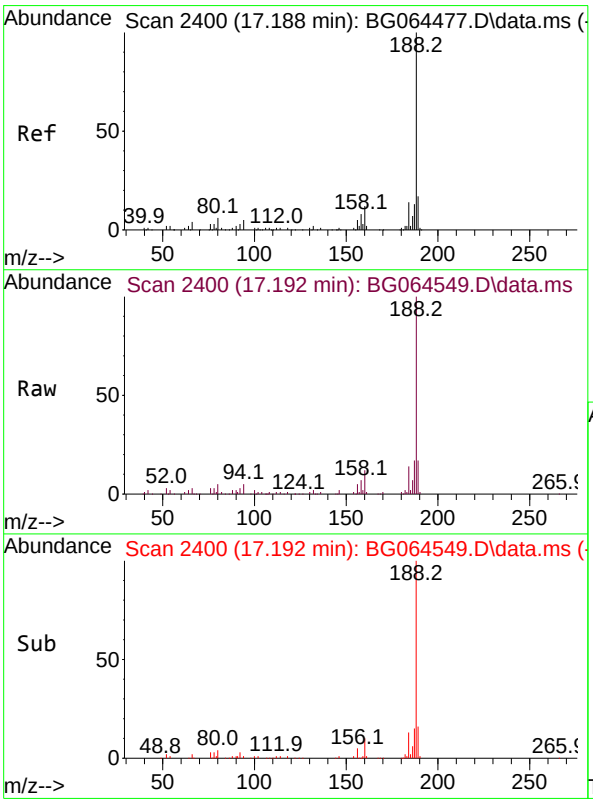
Ion	Ratio	Lower	Upper
77	100		
182	26.9	6.3	46.3
105	18.5	0.0	38.7
51	50.2	30.3	70.3



Instrument :
BNA_G
ClientSampleId :
PB170165BS

Manual Integrations APPROVED

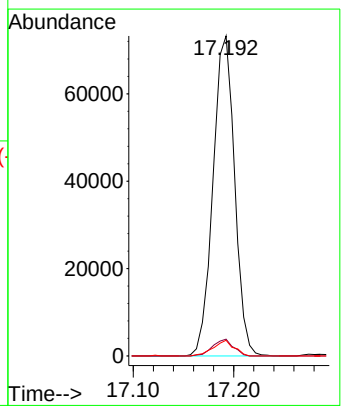
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

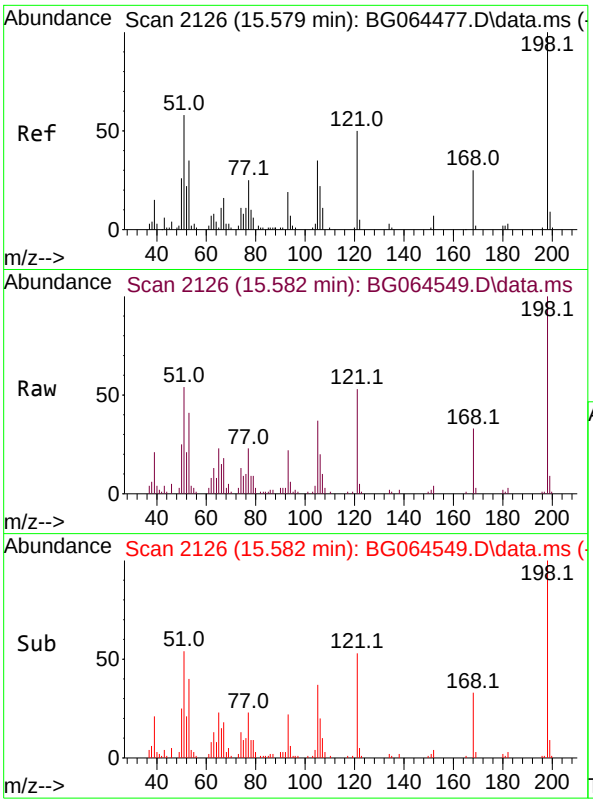


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2400
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:188 Resp: 109767

Ion	Ratio	Lower	Upper
188	100		
94	5.2	3.7	5.5
80	4.9	4.5	6.7

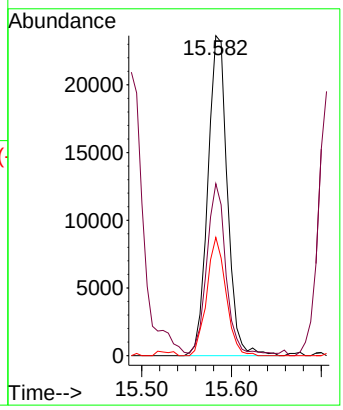




#65
4,6-Dinitro-2-methylphenol
Concen: 46.902 ng
RT: 15.582 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:198 Resp: 3584

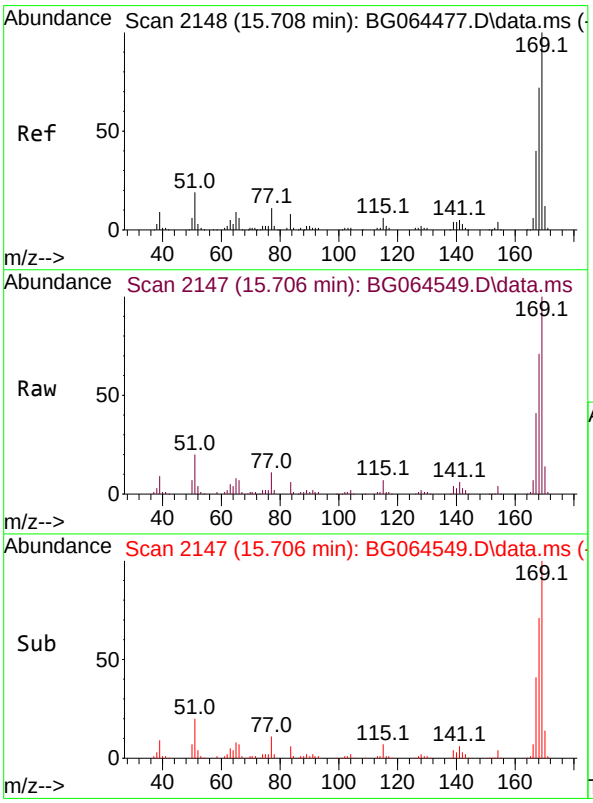
Ion	Ratio	Lower	Upper
198	100		
51	53.7	39.0	79.0
105	36.9	15.8	55.8



Instrument :
BNA_G
ClientSampleId :
PB170165BS

Manual Integrations
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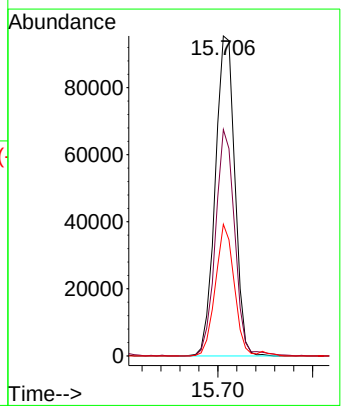
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

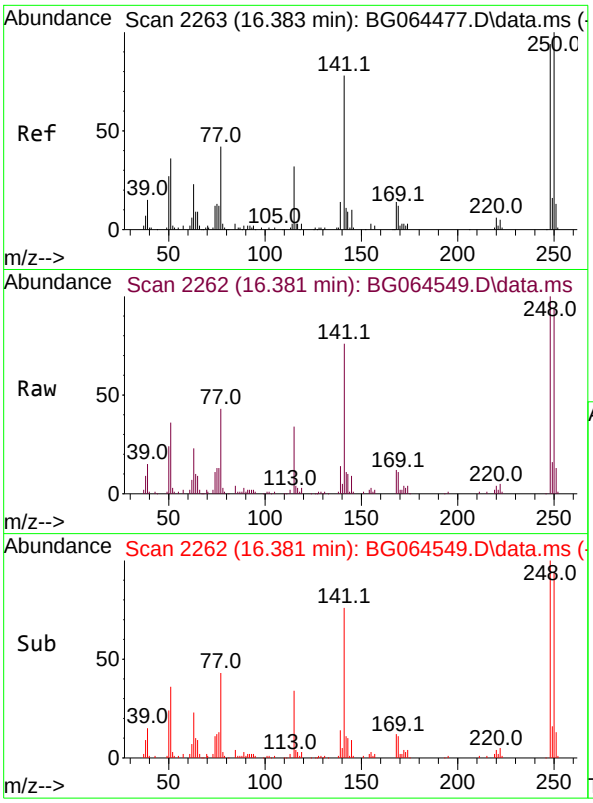


#66
n-Nitrosodiphenylamine
Concen: 46.670 ng
RT: 15.706 min Scan# 2147
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:169 Resp: 136800

Ion	Ratio	Lower	Upper
169	100		
168	70.7	57.8	86.6
167	41.1	31.7	47.5

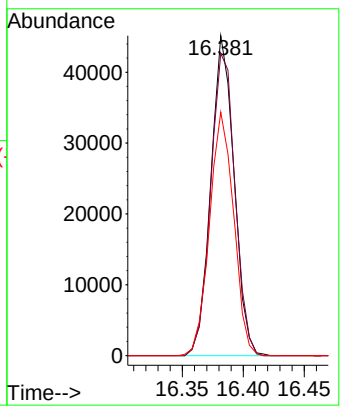




#67
4-Bromophenyl-phenylether
Concen: 46.292 ng
RT: 16.381 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:248 Resp: 5979

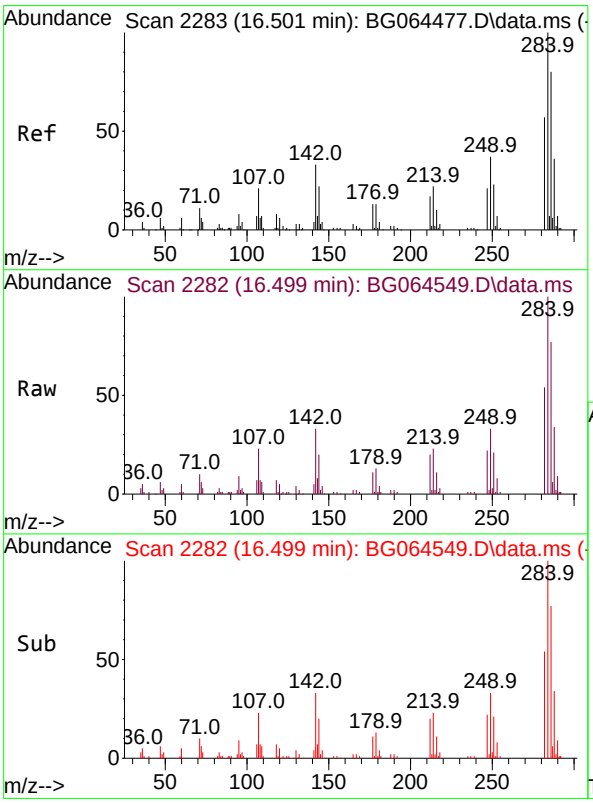
Ion	Ratio	Lower	Upper
248	100		
250	94.4	85.3	127.9
141	76.1	66.2	99.2



Instrument :
BNA_G
ClientSampleId :
PB170165BS

Manual Integrations
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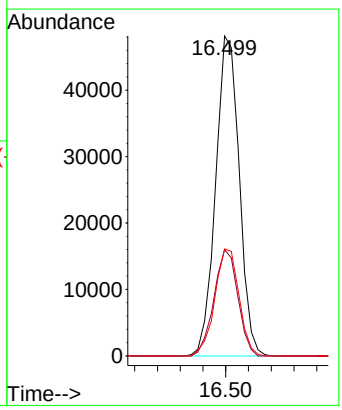
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

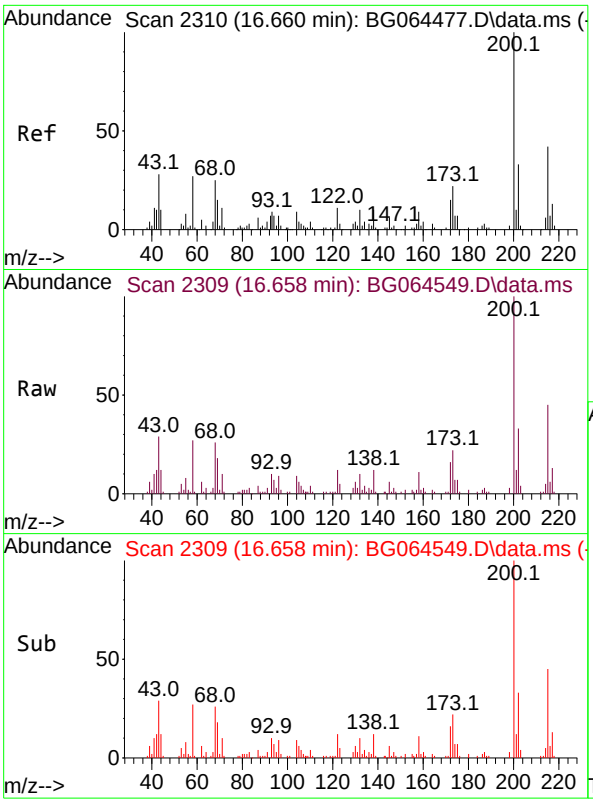


#68
Hexachlorobenzene
Concen: 46.874 ng
RT: 16.499 min Scan# 2282
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:284 Resp: 69283

Ion	Ratio	Lower	Upper
284	100		
142	33.2	26.2	39.2
249	33.4	29.4	44.0

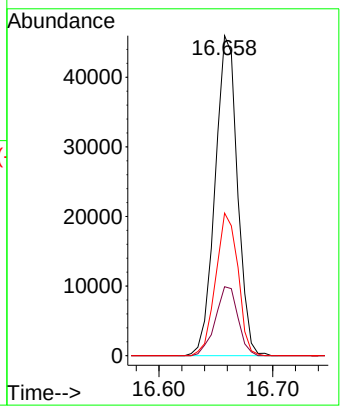




#69
Atrazine
Concen: 48.044 ng
RT: 16.658 min Scan# 2
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:200 Resp: 6265

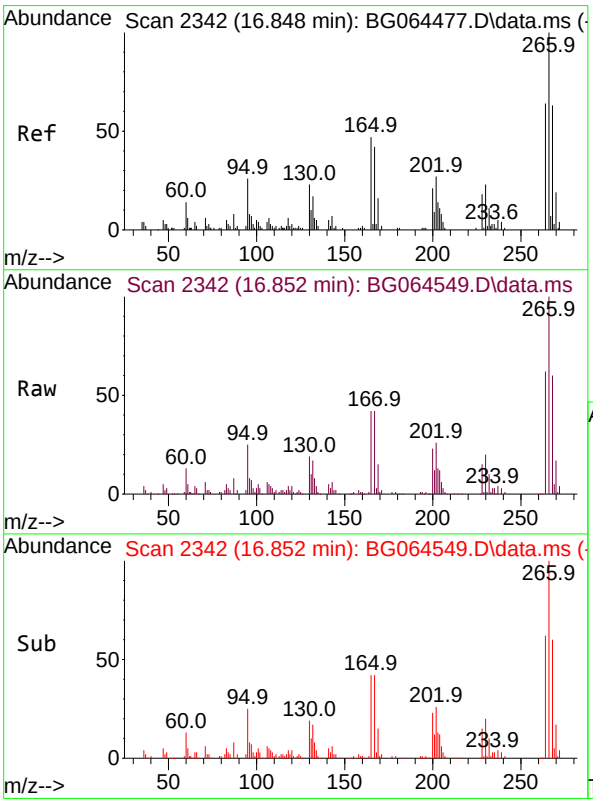
Ion	Ratio	Lower	Upper
200	100		
173	21.5	2.5	42.5
215	44.5	21.5	61.5



Instrument :
BNA_G
ClientSampleId :
PB170165BS

Manual Integrations
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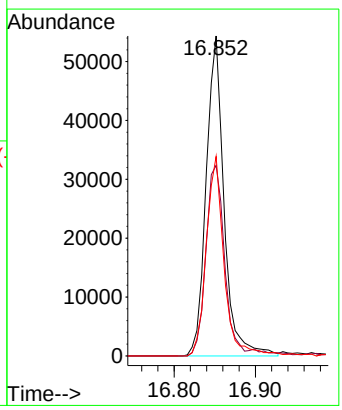
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

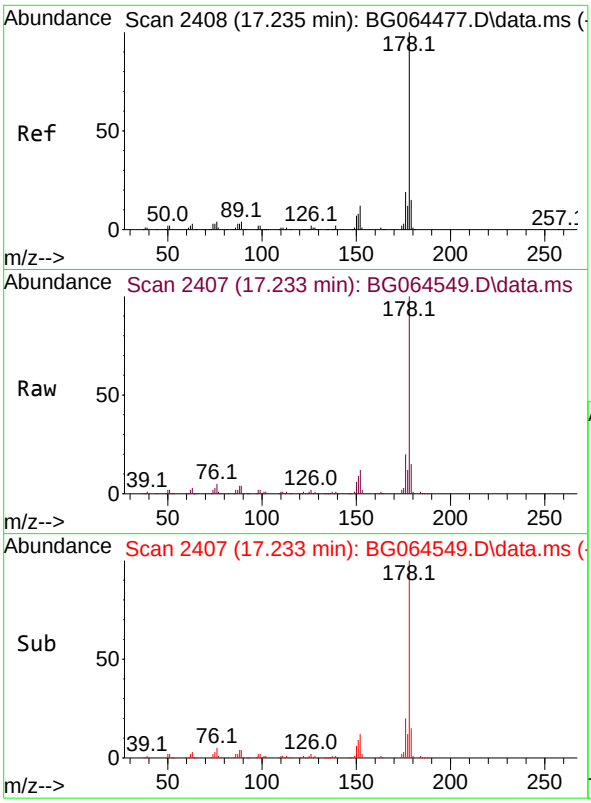


#70
Pentachlorophenol
Concen: 96.317 ng
RT: 16.852 min Scan# 2342
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:266 Resp: 83239

Ion	Ratio	Lower	Upper
266	100		
268	59.5	50.6	75.8
264	62.3	51.2	76.8





#71
Phenanthrene
Concen: 45.635 ng
RT: 17.233 min Scan# 24
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

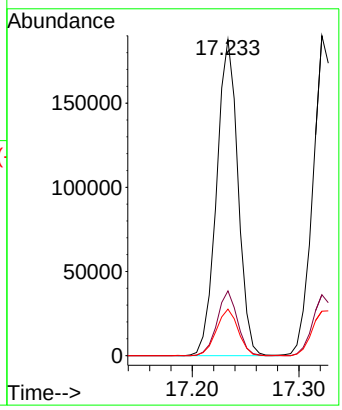
Tgt Ion:178 Resp: 26195

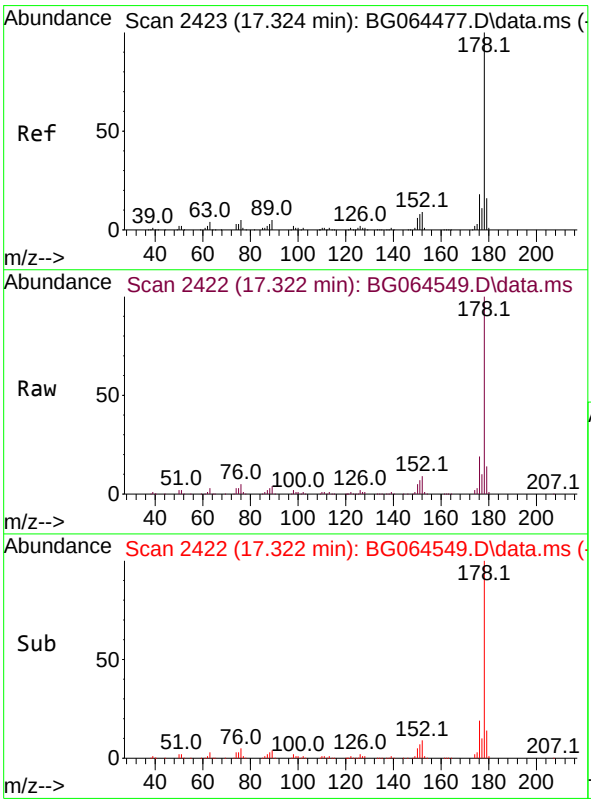
Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.2	22.8
179	14.7	11.8	17.6

Instrument :
BNA_G
ClientSampleId :
PB170165BS

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Reviewed By :Rahul Chavli 10/21/2025
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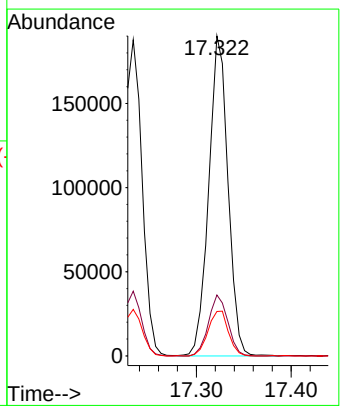


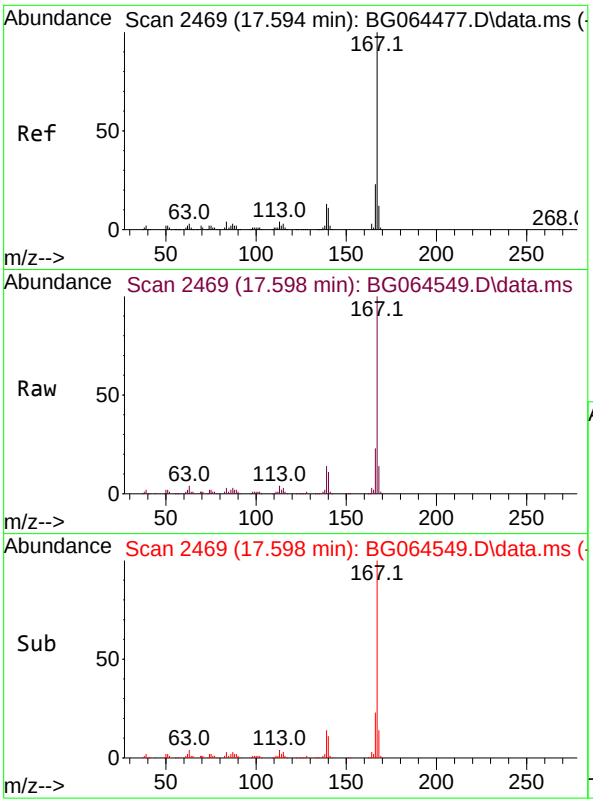


#72
Anthracene
Concen: 46.634 ng
RT: 17.322 min Scan# 2422
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:178 Resp: 268556

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.6	21.8
179	13.9	12.5	18.7





#73
Carbazole
Concen: 46.986 ng
RT: 17.598 min Scan# 24
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

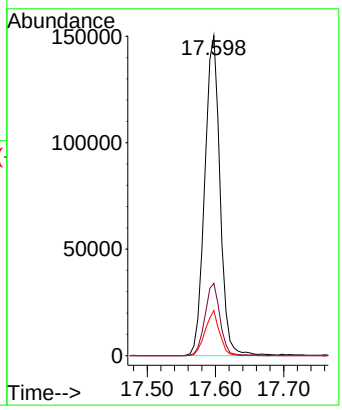
Tgt Ion:167 Resp: 23388

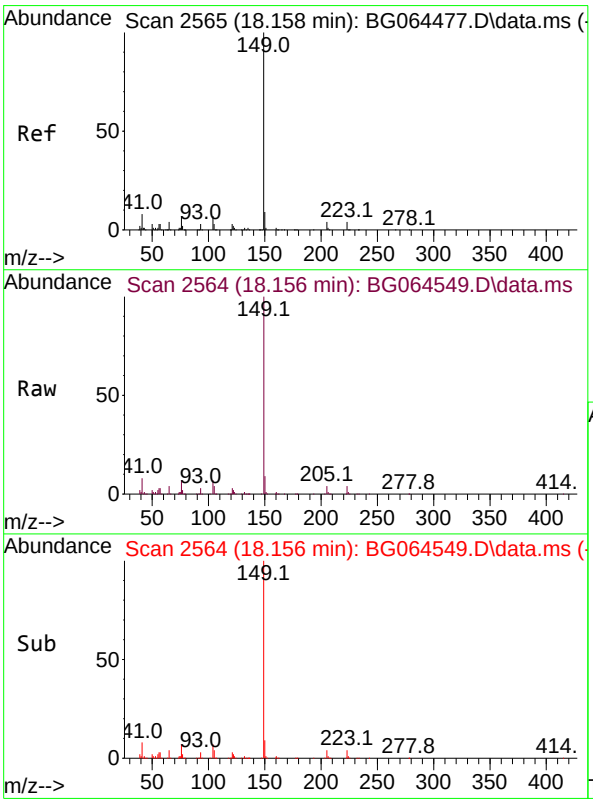
Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.6	27.8
139	14.1	10.2	15.4

Instrument :
BNA_G
ClientSampleId :
PB170165BS

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Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

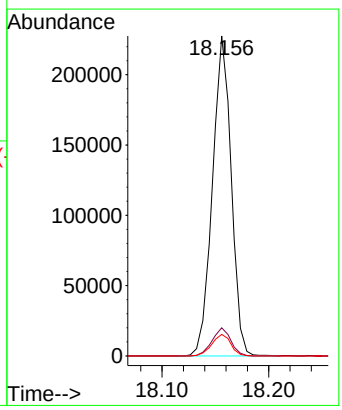


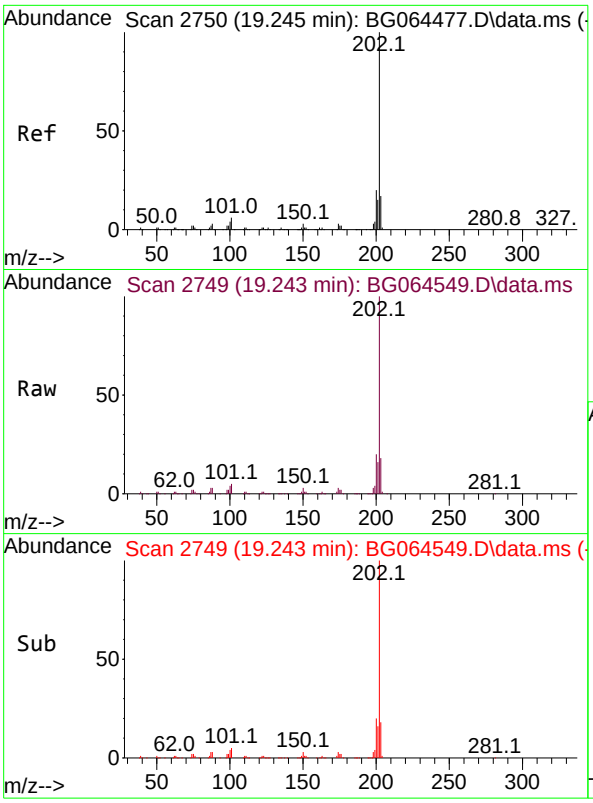


#74
Di-n-butylphthalate
Concen: 45.881 ng
RT: 18.156 min Scan# 2564
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:149 Resp: 278793

Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.4	11.2
104	6.7	5.3	7.9





#75
Fluoranthene
Concen: 45.562 ng
RT: 19.243 min Scan# 2
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

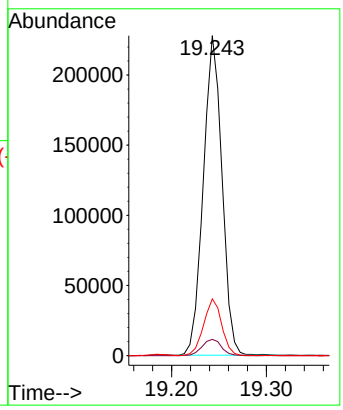
Tgt Ion:202 Resp: 31244

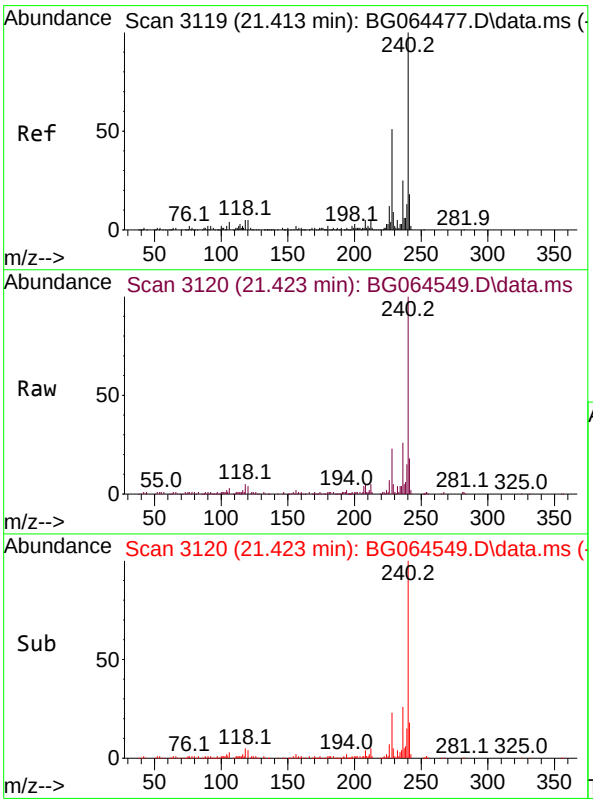
Ion	Ratio	Lower	Upper
202	100		
101	5.1	0.0	25.7
203	17.7	0.0	36.6

Instrument :
BNA_G
ClientSampleId :
PB170165BS

Manual Integrations
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Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

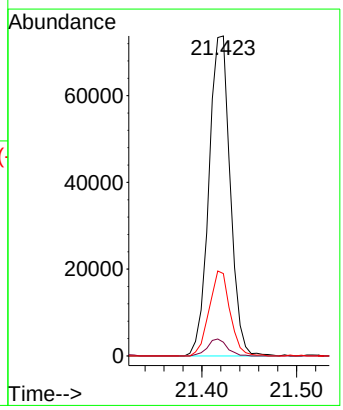


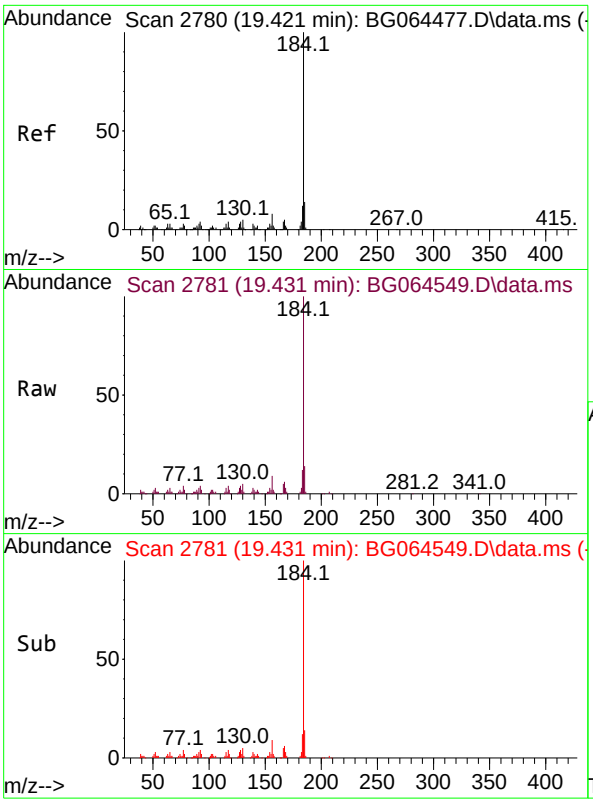


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.423 min Scan# 3120
Delta R.T. 0.013 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:240 Resp: 115066

Ion	Ratio	Lower	Upper
240	100		
120	4.3	4.3	6.5#
236	25.7	20.4	30.6

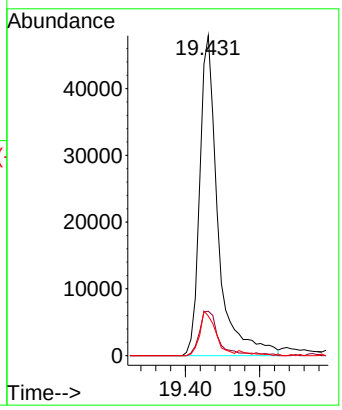




#77
Benzidine
Concen: 28.573 ng
RT: 19.431 min Scan# 2
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:184 Resp: 8181

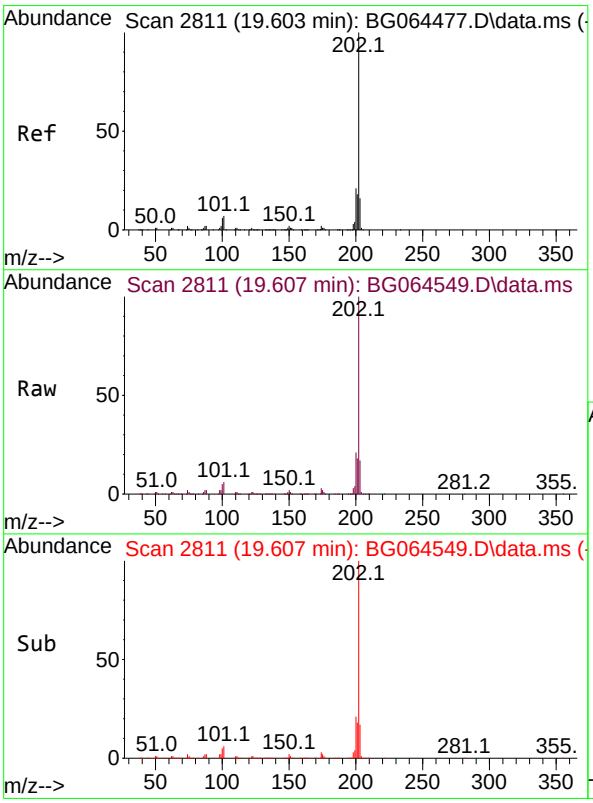
Ion	Ratio	Lower	Upper
184	100		
185	13.9	10.9	16.3
183	12.4	9.8	14.6



Instrument :
BNA_G
ClientSampleId :
PB170165BS

Manual Integrations
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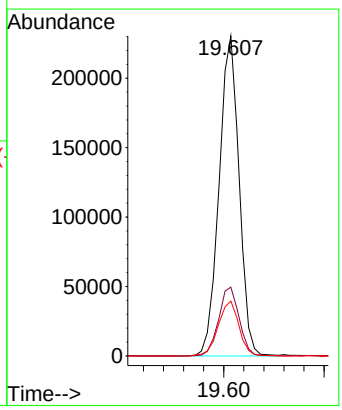
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

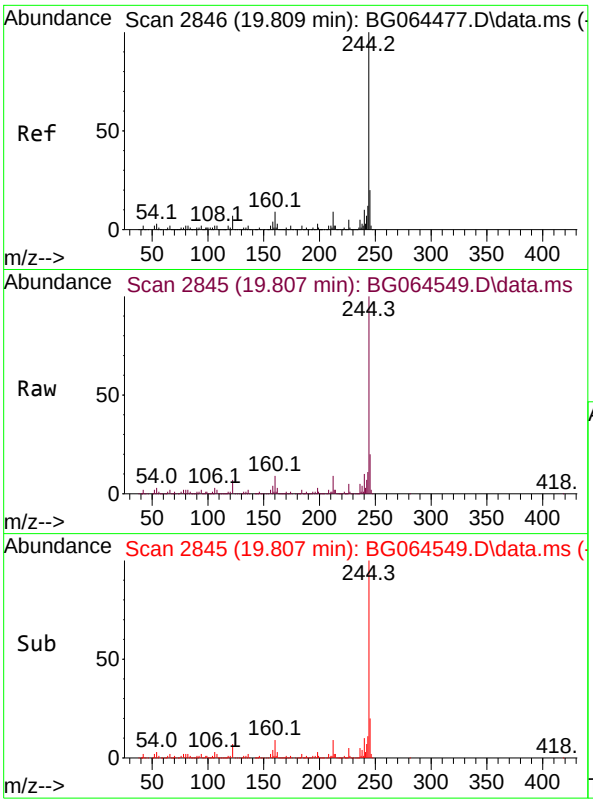


#78
Pyrene
Concen: 42.785 ng
RT: 19.607 min Scan# 2811
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:202 Resp: 319492

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.0	25.4
203	17.2	13.0	19.4

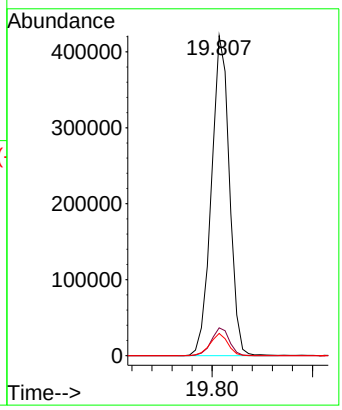




#79
Terphenyl-d14
Concen: 86.178 ng
RT: 19.807 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:244 Resp: 523971

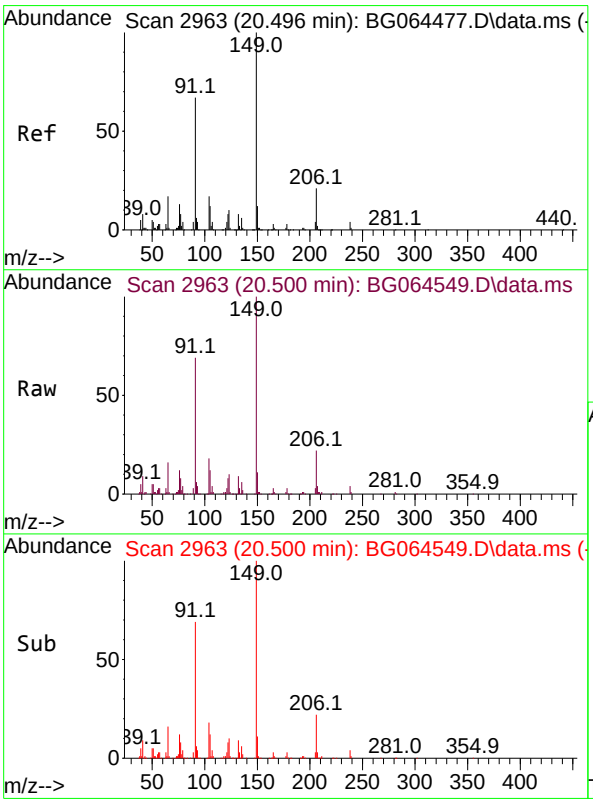
Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.6
122	6.9	5.6	8.4



Instrument :
BNA_G
ClientSampleId :
PB170165BS

Manual Integrations
APPROVED

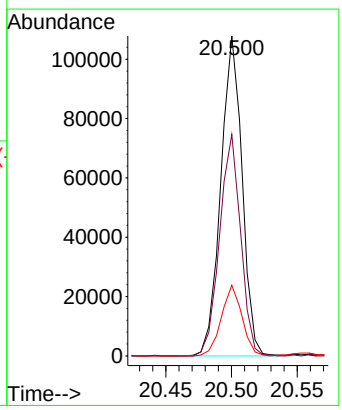
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

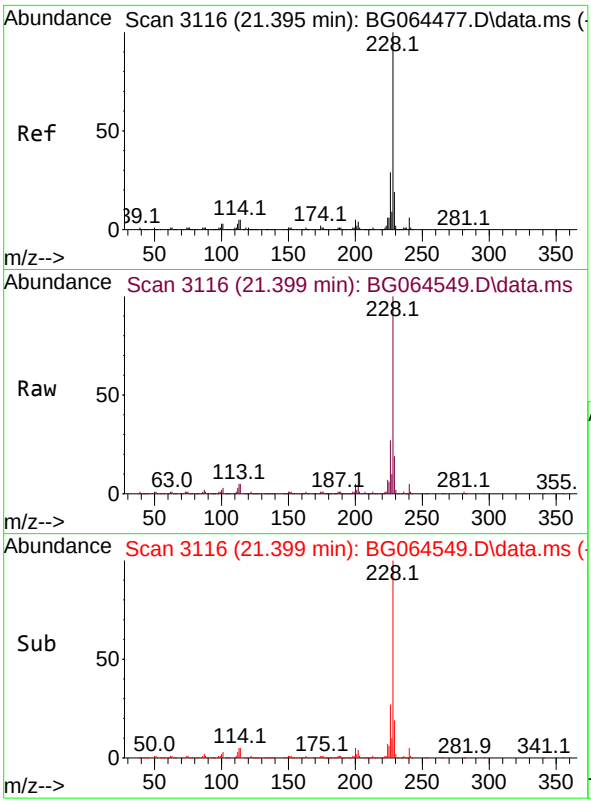


#80
Butylbenzylphthalate
Concen: 46.042 ng
RT: 20.500 min Scan# 2963
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:149 Resp: 121880

Ion	Ratio	Lower	Upper
149	100		
91	69.2	53.7	80.5
206	22.1	16.6	24.8

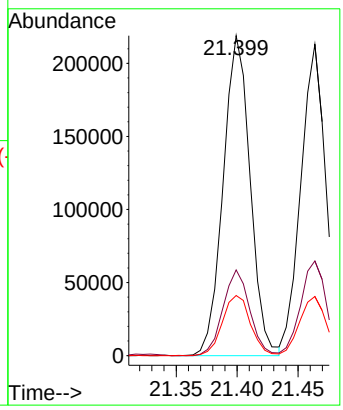




#81
Benzo(a)anthracene
Concen: 45.971 ng
RT: 21.399 min Scan# 3
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:228 Resp: 33774

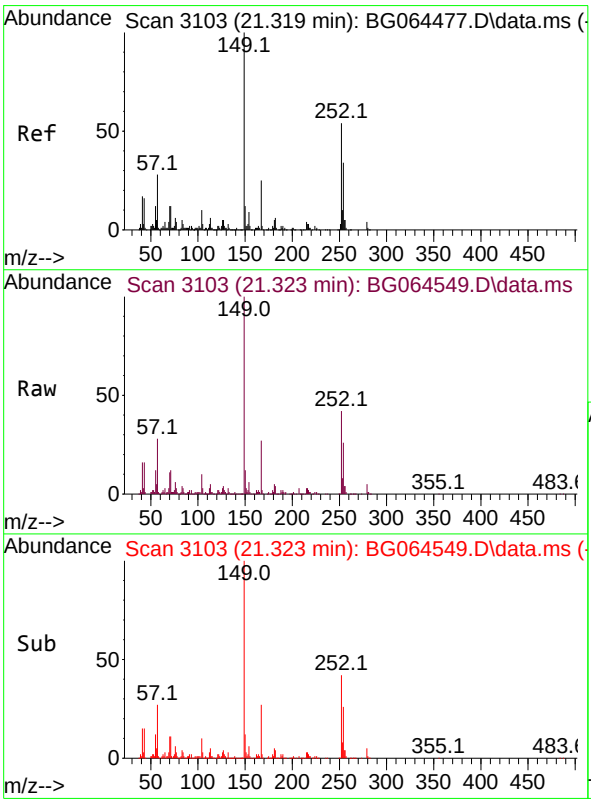
Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.8	34.2
229	18.8	15.2	22.8



Instrument :
BNA_G
ClientSampleId :
PB170165BS

Manual Integrations APPROVED

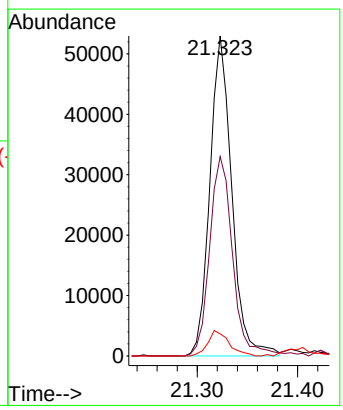
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

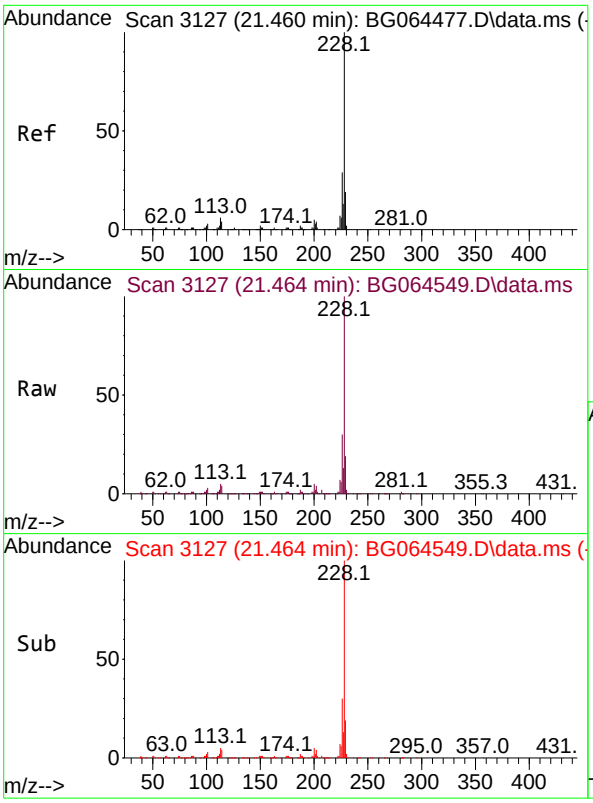


#82
3,3'-Dichlorobenzidine
Concen: 32.303 ng
RT: 21.323 min Scan# 3103
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:252 Resp: 80327

Ion	Ratio	Lower	Upper
252	100		
254	62.3	50.5	75.7
126	6.9	7.1	10.7#





#83
Chrysene
Concen: 43.720 ng
RT: 21.464 min Scan# 31
Delta R.T. 0.012 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

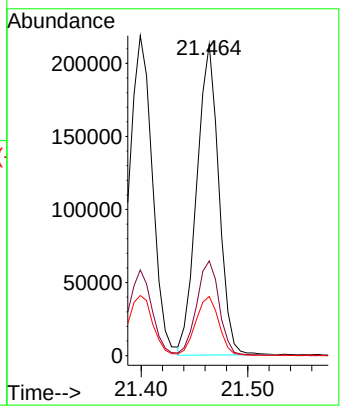
Instrument :
BNA_G
ClientSampleId :
PB170165BS

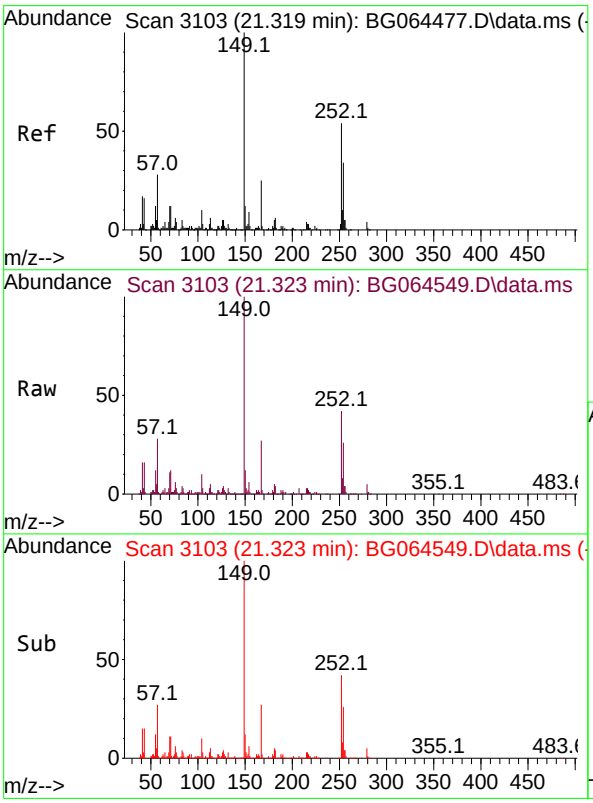
Tgt Ion:228 Resp: 30462

Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.8	34.2
229	19.0	15.4	23.0

Manual Integrations
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Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

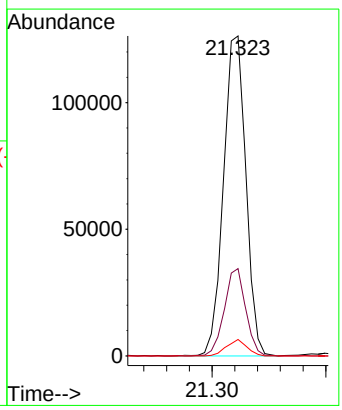


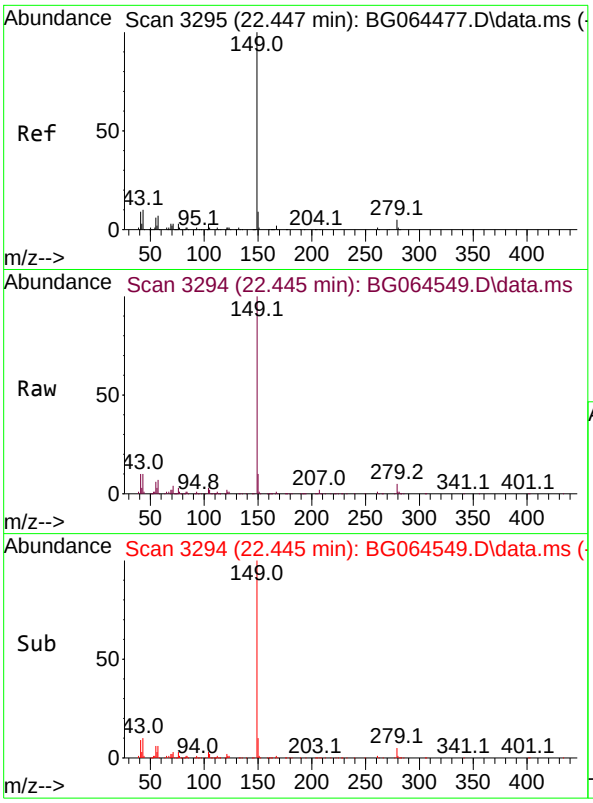


#84
Bis(2-ethylhexyl)phthalate
Concen: 46.213 ng
RT: 21.323 min Scan# 3103
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:149 Resp: 172602

Ion	Ratio	Lower	Upper
149	100		
167	27.3	19.7	29.5
279	5.1	3.4	5.2





#85
Di-n-octyl phthalate
Concen: 45.976 ng
RT: 22.445 min Scan# 3
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

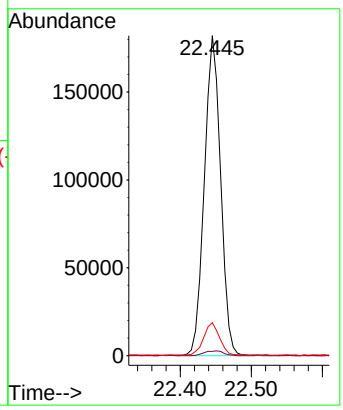
Tgt Ion:149 Resp: 28860

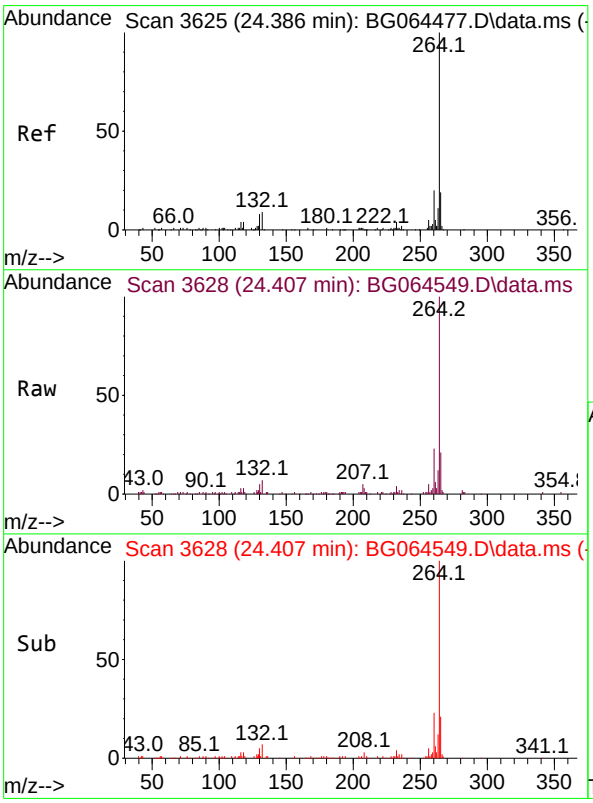
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	9.9	7.9	11.9

Instrument :
BNA_G
ClientSampleId :
PB170165BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

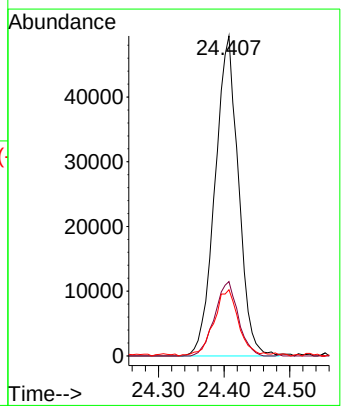


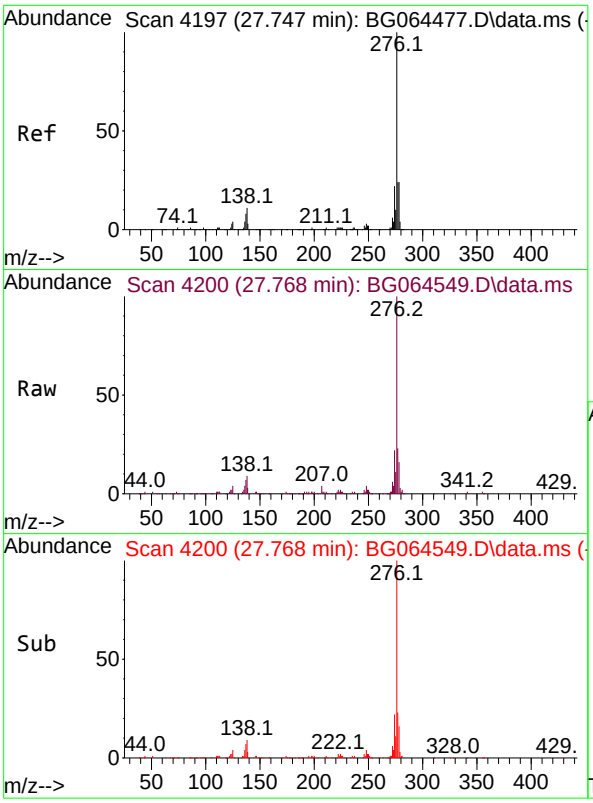


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.407 min Scan# 3628
Delta R.T. 0.018 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:264 Resp: 122784

Ion	Ratio	Lower	Upper
264	100		
260	23.2	16.2	24.4
265	20.7	15.0	22.4

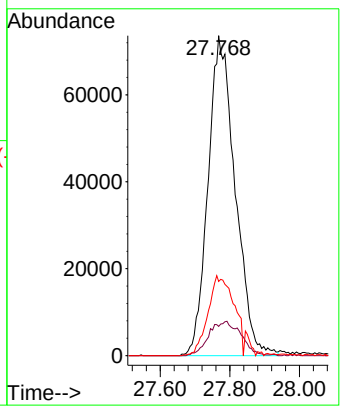




#87
Indeno(1,2,3-cd)pyrene
Concen: 46.550 ng
RT: 27.768 min Scan# 4
Delta R.T. 0.036 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:276 Resp: 39783

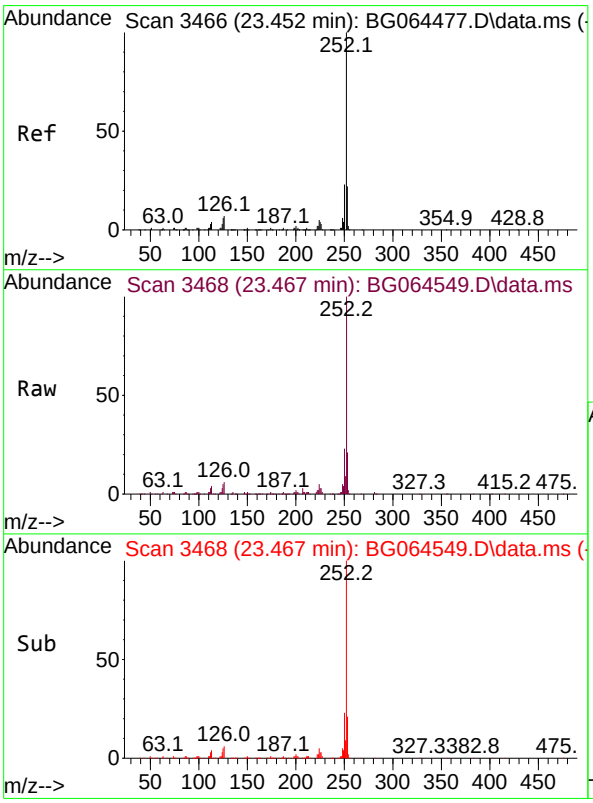
Ion	Ratio	Lower	Upper
276	100		
138	4.6	10.8	16.2
277	23.8	20.3	30.5



Instrument :
BNA_G
ClientSampleId :
PB170165BS

Manual Integrations APPROVED

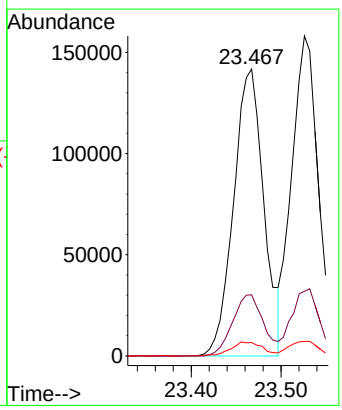
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

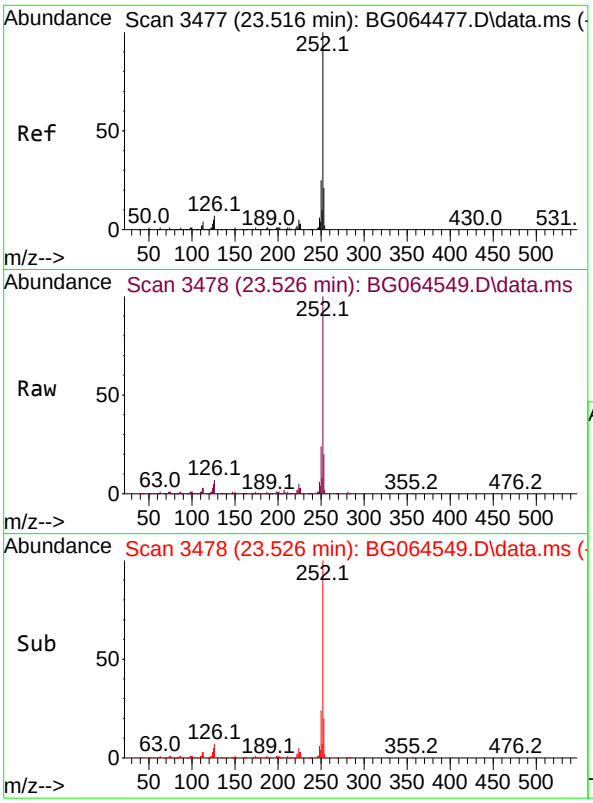


#88
Benzo(b)fluoranthene
Concen: 47.683 ng
RT: 23.467 min Scan# 3468
Delta R.T. 0.018 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:252 Resp: 333073

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.5	26.3
125	4.7	4.5	6.7

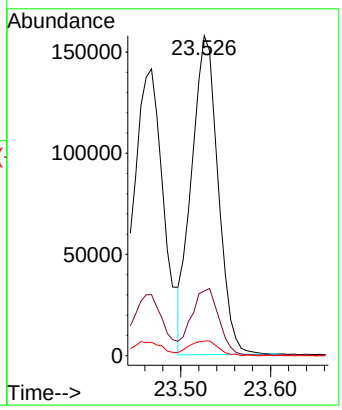




#89
Benzo(k)fluoranthene
Concen: 46.004 ng
RT: 23.526 min Scan# 34
Delta R.T. 0.018 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:252 Resp: 323651

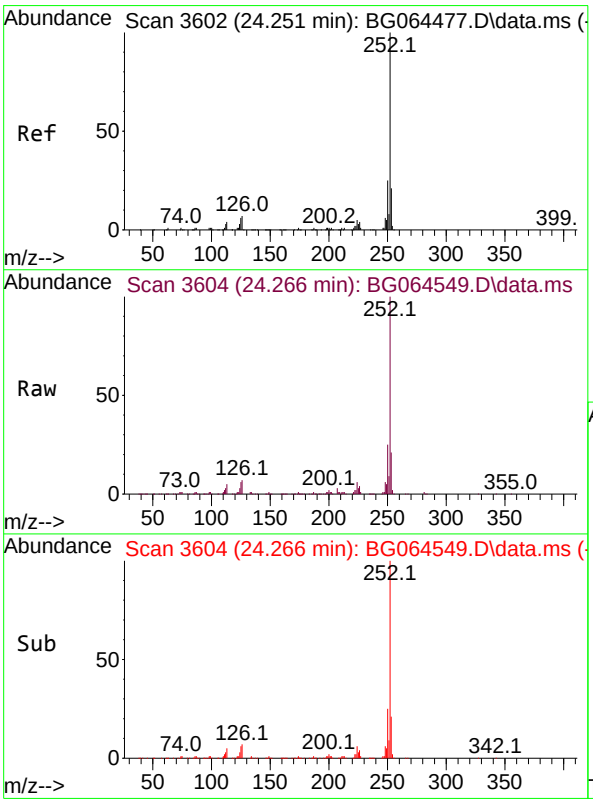
Ion	Ratio	Lower	Upper
252	100		
253	20.2	17.4	26.2
125	4.5	4.0	6.0



Instrument :
BNA_G
ClientSampleId :
PB170165BS

Manual Integrations
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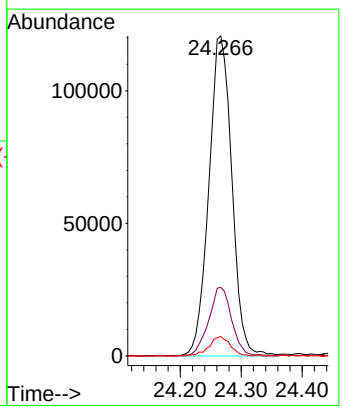
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

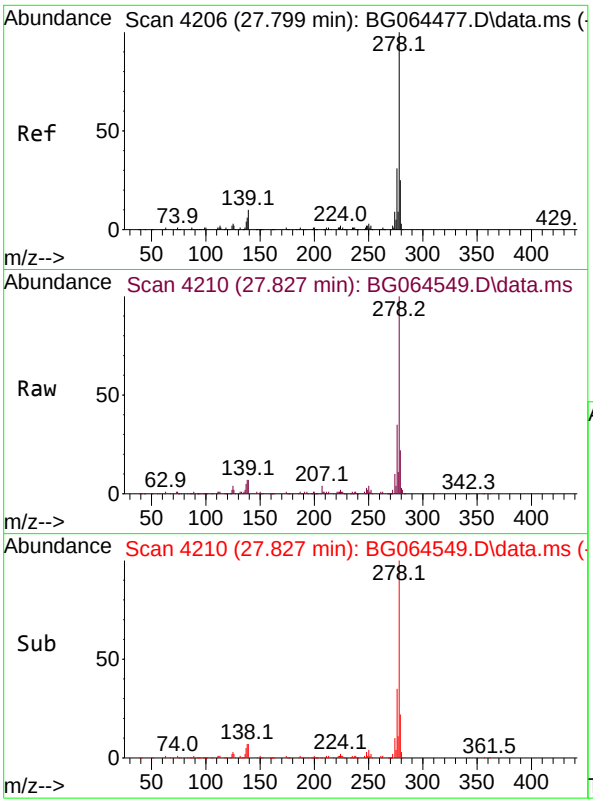


#90
Benzo(a)pyrene
Concen: 49.130 ng
RT: 24.266 min Scan# 3604
Delta R.T. 0.018 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:252 Resp: 316286

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.1	25.7
125	6.1	4.6	6.8

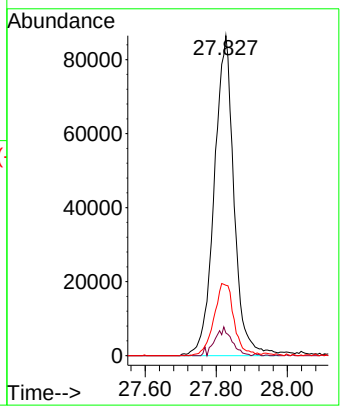




#91
Dibenzo(a,h)anthracene
Concen: 48.721 ng
RT: 27.827 min Scan# 4
Delta R.T. 0.047 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:278 Resp: 33299

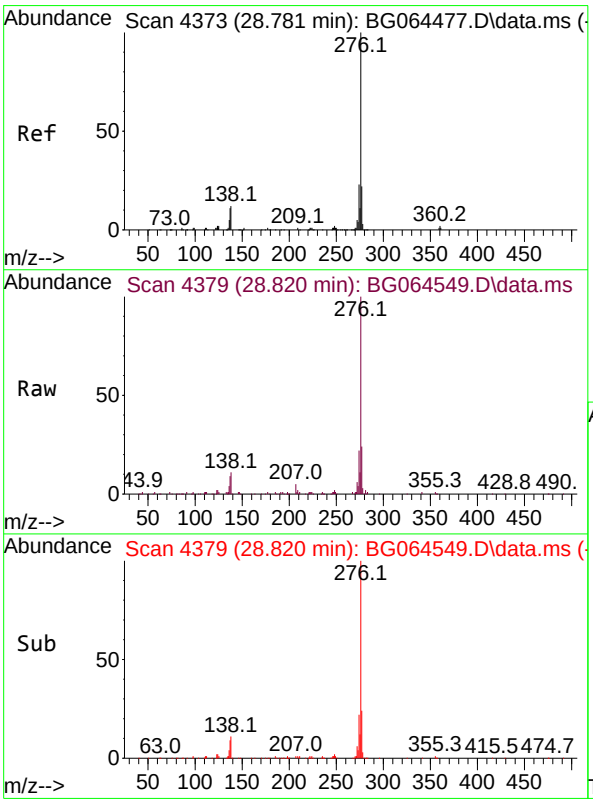
Ion	Ratio	Lower	Upper
278	100		
139	7.1	8.2	12.2
279	22.0	19.6	29.4



Instrument :
BNA_G
ClientSampleId :
PB170165BS

Manual Integrations
APPROVED

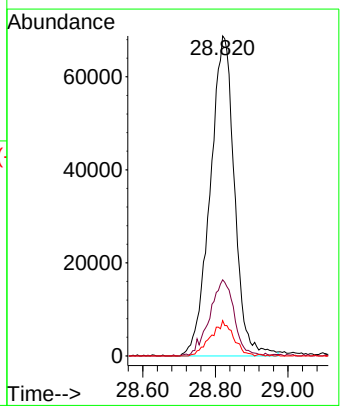
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#92
Benzo(g,h,i)perylene
Concen: 48.053 ng
RT: 28.820 min Scan# 4379
Delta R.T. 0.053 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:276 Resp: 319167

Ion	Ratio	Lower	Upper
276	100		
277	23.8	17.8	26.6
138	11.0	9.4	14.0



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

Report of Analysis

Client:	AECOM	Date Collected:	10/17/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/17/25
Client Sample ID:	VNJ-245MS	SDG No.:	Q3375
Lab Sample ID:	Q3381-03MS	Matrix:	SOIL
Analytical Method:	8270E Level : LOW	% Solid:	81.6
Sample Wt/Vol:	50.07 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/20/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	650		1	110	240	ug/Kg	10/20/25 15:57	PB170165
108-95-2	Phenol	1100		1	16.2	120	ug/Kg	10/20/25 15:57	PB170165
111-44-4	bis(2-Chloroethyl)ether	1100		1	17.8	120	ug/Kg	10/20/25 15:57	PB170165
95-57-8	2-Chlorophenol	1100		1	17.9	120	ug/Kg	10/20/25 15:57	PB170165
95-48-7	2-Methylphenol	1100		1	22.0	120	ug/Kg	10/20/25 15:57	PB170165
108-60-1	2,2-oxybis(1-Chloropropane)	1100		1	27.5	120	ug/Kg	10/20/25 15:57	PB170165
98-86-2	Acetophenone	1200		1	21.7	120	ug/Kg	10/20/25 15:57	PB170165
65794-96-9	3+4-Methylphenols	1100		1	30.2	240	ug/Kg	10/20/25 15:57	PB170165
621-64-7	n-Nitroso-di-n-propylamine	1000		1	34.8	58.7	ug/Kg	10/20/25 15:57	PB170165
67-72-1	Hexachloroethane	1100		1	12.9	120	ug/Kg	10/20/25 15:57	PB170165
98-95-3	Nitrobenzene	1200		1	13.4	120	ug/Kg	10/20/25 15:57	PB170165
78-59-1	Isophorone	1100		1	24.1	120	ug/Kg	10/20/25 15:57	PB170165
88-75-5	2-Nitrophenol	1300		1	42.7	120	ug/Kg	10/20/25 15:57	PB170165
105-67-9	2,4-Dimethylphenol	1200		1	47.6	120	ug/Kg	10/20/25 15:57	PB170165
111-91-1	bis(2-Chloroethoxy)methane	1100		1	22.6	120	ug/Kg	10/20/25 15:57	PB170165
120-83-2	2,4-Dichlorophenol	1100		1	20.8	120	ug/Kg	10/20/25 15:57	PB170165
91-20-3	Naphthalene	1100		1	16.7	120	ug/Kg	10/20/25 15:57	PB170165
106-47-8	4-Chloroaniline	540		1	26.0	120	ug/Kg	10/20/25 15:57	PB170165
87-68-3	Hexachlorobutadiene	1100		1	18.6	120	ug/Kg	10/20/25 15:57	PB170165
105-60-2	Caprolactam	1100		1	38.3	240	ug/Kg	10/20/25 15:57	PB170165
59-50-7	4-Chloro-3-methylphenol	1100		1	21.1	120	ug/Kg	10/20/25 15:57	PB170165
91-57-6	2-Methylnaphthalene	1000		1	18.8	120	ug/Kg	10/20/25 15:57	PB170165
77-47-4	Hexachlorocyclopentadiene	2400	E	1	85.2	240	ug/Kg	10/20/25 15:57	PB170165
88-06-2	2,4,6-Trichlorophenol	1100		1	14.5	120	ug/Kg	10/20/25 15:57	PB170165
95-95-4	2,4,5-Trichlorophenol	1100		1	21.4	120	ug/Kg	10/20/25 15:57	PB170165
92-52-4	1,1-Biphenyl	1300		1	16.0	120	ug/Kg	10/20/25 15:57	PB170165
91-58-7	2-Chloronaphthalene	1100		1	16.5	120	ug/Kg	10/20/25 15:57	PB170165
88-74-4	2-Nitroaniline	1200		1	35.3	120	ug/Kg	10/20/25 15:57	PB170165
131-11-3	Dimethylphthalate	1100		1	19.9	120	ug/Kg	10/20/25 15:57	PB170165
208-96-8	Acenaphthylene	1300		1	21.2	120	ug/Kg	10/20/25 15:57	PB170165
606-20-2	2,6-Dinitrotoluene	1300		1	24.7	120	ug/Kg	10/20/25 15:57	PB170165
99-09-2	3-Nitroaniline	780		1	33.8	120	ug/Kg	10/20/25 15:57	PB170165
83-32-9	Acenaphthene	1100		1	15.6	120	ug/Kg	10/20/25 15:57	PB170165
51-28-5	2,4-Dinitrophenol	1400		1	170	240	ug/Kg	10/20/25 15:57	PB170165
100-02-7	4-Nitrophenol	2100	E	1	78.6	240	ug/Kg	10/20/25 15:57	PB170165
132-64-9	Dibenzofuran	1100		1	16.7	120	ug/Kg	10/20/25 15:57	PB170165
121-14-2	2,4-Dinitrotoluene	1300		1	36.8	120	ug/Kg	10/20/25 15:57	PB170165
84-66-2	Diethylphthalate	1100		1	20.8	120	ug/Kg	10/20/25 15:57	PB170165
7005-72-3	4-Chlorophenyl-phenylether	1100		1	19.6	120	ug/Kg	10/20/25 15:57	PB170165
86-73-7	Fluorene	1200		1	18.6	120	ug/Kg	10/20/25 15:57	PB170165
100-01-6	4-Nitroaniline	1100		1	47.1	120	ug/Kg	10/20/25 15:57	PB170165
534-52-1	4,6-Dinitro-2-methylphenol	1100		1	75.6	240	ug/Kg	10/20/25 15:57	PB170165

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

Report of Analysis

Client:	AECOM	Date Collected:	10/17/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/17/25
Client Sample ID:	VNJ-245MS	SDG No.:	Q3375
Lab Sample ID:	Q3381-03MS	Matrix:	SOIL
Analytical Method:	8270E Level : LOW	% Solid:	81.6
Sample Wt/Vol:	50.07 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/20/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1200		1	24.2	120	ug/Kg	10/20/25 15:57	PB170165
101-55-3	4-Bromophenyl-phenylether	1200		1	20.4	120	ug/Kg	10/20/25 15:57	PB170165
118-74-1	Hexachlorobenzene	1200		1	18.6	120	ug/Kg	10/20/25 15:57	PB170165
1912-24-9	Atrazine	1200		1	25.0	120	ug/Kg	10/20/25 15:57	PB170165
87-86-5	Pentachlorophenol	1900		1	37.7	240	ug/Kg	10/20/25 15:57	PB170165
85-01-8	Phenanthrene	1300		1	15.3	120	ug/Kg	10/20/25 15:57	PB170165
120-12-7	Anthracene	1200		1	24.5	120	ug/Kg	10/20/25 15:57	PB170165
86-74-8	Carbazole	1200		1	22.9	120	ug/Kg	10/20/25 15:57	PB170165
84-74-2	Di-n-butylphthalate	1200		1	35.2	120	ug/Kg	10/20/25 15:57	PB170165
206-44-0	Fluoranthene	1400		1	22.0	120	ug/Kg	10/20/25 15:57	PB170165
129-00-0	Pyrene	1200		1	26.4	120	ug/Kg	10/20/25 15:57	PB170165
85-68-7	Butylbenzylphthalate	1200		1	52.4	120	ug/Kg	10/20/25 15:57	PB170165
91-94-1	3,3-Dichlorobenzidine	820		1	26.9	240	ug/Kg	10/20/25 15:57	PB170165
56-55-3	Benzo(a)anthracene	1500		1	16.9	120	ug/Kg	10/20/25 15:57	PB170165
218-01-9	Chrysene	1400		1	14.6	120	ug/Kg	10/20/25 15:57	PB170165
117-81-7	Bis(2-ethylhexyl)phthalate	1300		1	43.5	120	ug/Kg	10/20/25 15:57	PB170165
117-84-0	Di-n-octyl phthalate	1500		1	63.7	240	ug/Kg	10/20/25 15:57	PB170165
205-99-2	Benzo(b)fluoranthene	1400		1	14.0	120	ug/Kg	10/20/25 15:57	PB170165
207-08-9	Benzo(k)fluoranthene	1100		1	16.4	120	ug/Kg	10/20/25 15:57	PB170165
50-32-8	Benzo(a)pyrene	1400		1	21.7	120	ug/Kg	10/20/25 15:57	PB170165
193-39-5	Indeno(1,2,3-cd)pyrene	1300		1	21.4	120	ug/Kg	10/20/25 15:57	PB170165
53-70-3	Dibenzo(a,h)anthracene	1200		1	20.1	120	ug/Kg	10/20/25 15:57	PB170165
191-24-2	Benzo(g,h,i)perylene	1300		1	18.9	120	ug/Kg	10/20/25 15:57	PB170165
95-94-3	1,2,4,5-Tetrachlorobenzene	1300		1	18.8	120	ug/Kg	10/20/25 15:57	PB170165
123-91-1	1,4-Dioxane	1100		1	33.2	120	ug/Kg	10/20/25 15:57	PB170165
58-90-2	2,3,4,6-Tetrachlorophenol	1100		1	20.1	120	ug/Kg	10/20/25 15:57	PB170165
SURROGATES									
367-12-4	2-Fluorophenol	67.4			18 - 112	45%	SPK: 150		
13127-88-3	Phenol-d6	68.3			15 - 107	46%	SPK: 150		
4165-60-0	Nitrobenzene-d5	46.1			18 - 107	46%	SPK: 100		
321-60-8	2-Fluorobiphenyl	32.4			20 - 109	32%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	59.5			10 - 116	40%	SPK: 150		
1718-51-0	Terphenyl-d14	35.4			10 - 105	35%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	103000							
1146-65-2	Naphthalene-d8	382000							
15067-26-2	Acenaphthene-d10	201000							
1517-22-2	Phenanthrene-d10	318000							
1719-03-5	Chrysene-d12	224000							
1520-96-3	Perylene-d12	295000							

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Report of Analysis

Client:	AECOM	Date Collected:	10/17/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/17/25
Client Sample ID:	VNJ-245MS	SDG No.:	Q3375
Lab Sample ID:	Q3381-03MS	Matrix:	SOIL
Analytical Method:	8270E Level : LOW	% Solid:	81.6
Sample Wt/Vol:	50.07 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/20/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	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_F\Data\BF102025\
Data File : BF144000.D
Acq On : 20 Oct 2025 15:57
Operator : RC/JU
Sample : Q3381-03MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

Quant Time: Oct 20 16:33:56 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	103333	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	382013	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	200713	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	318387	20.000	ng		0.00
76) Chrysene-d12	14.063	240	223763	20.000	ng		0.00
86) Perylene-d12	15.545	264	294781	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	438595	67.402	ng		0.00
7) Phenol-d6	6.504	99	529928	68.323	ng		-0.01
23) Nitrobenzene-d5	7.440	82	289756	46.082	ng		-0.02
42) 2,4,6-Tribromophenol	10.716	330	118959	59.505	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	409869	32.402	ng		-0.01
79) Terphenyl-d14	12.998	244	462900	35.356	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.705	88	132798	44.102	ng		96
3) Pyridine	3.463	79	368348	42.020	ng		99
4) n-Nitrosodimethylamine	3.410	42	209201	45.366	ng		94
6) Aniline	6.545	93	368544	31.709	ng		99
8) 2-Chlorophenol	6.663	128	287133	45.142	ng		99
9) Benzaldehyde	6.434	77	158290	26.456	ng		99
10) Phenol	6.522	94	428684	46.230	ng		97
11) bis(2-Chloroethyl)ether	6.616	93	318744	44.498	ng		99
12) 1,3-Dichlorobenzene	6.822	146	343788	45.152	ng		99
13) 1,4-Dichlorobenzene	6.898	146	342288	45.575	ng		100
14) 1,2-Dichlorobenzene	7.051	146	334132	46.447	ng		99
15) Benzyl Alcohol	7.022	79	272640	46.914	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	731362	44.856	ng		100
17) 2-Methylphenol	7.128	107	239106	45.486	ng		97
18) Hexachloroethane	7.392	117	110667	44.183	ng		99
19) n-Nitroso-di-n-propyla...	7.292	70	217753	41.015	ng		99
20) 3+4-Methylphenols	7.281	107	267179	43.854	ng	#	84
22) Acetophenone	7.287	105	403608	49.968	ng		96
24) Nitrobenzene	7.463	77	340069	48.702	ng		97
25) Isophorone	7.698	82	600118	45.264	ng		99
26) 2-Nitrophenol	7.781	139	159448	53.262	ng		96
27) 2,4-Dimethylphenol	7.810	122	272349	50.573	ng		99
28) bis(2-Chloroethoxy)met...	7.910	93	387810	46.306	ng		99
29) 2,4-Dichlorophenol	8.022	162	259499	46.261	ng		98
30) 1,2,4-Trichlorobenzene	8.104	180	269947	48.932	ng		98
31) Naphthalene	8.187	128	796848	45.855	ng		100
32) Benzoic acid	7.928	122	161816	43.417	ng		97
33) 4-Chloroaniline	8.234	127	142681	21.892	ng		99
34) Hexachlorobutadiene	8.304	225	170350	44.436	ng		96
35) Caprolactam	8.598	113	81445	45.664	ng		95
36) 4-Chloro-3-methylphenol	8.716	107	246157	45.684	ng		100
37) 2-Methylnaphthalene	8.875	142	489487	42.286	ng		98
38) 1-Methylnaphthalene	8.975	142	488367	43.496	ng		100
40) 1,2,4,5-Tetrachloroben...	9.045	216	284451	51.276	ng		98
41) Hexachlorocyclopentadiene	9.028	237	226930	98.605	ng		98
43) 2,4,6-Trichlorophenol	9.157	196	190058	46.890	ng		97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102025\
Data File : BF144000.D
Acq On : 20 Oct 2025 15:57
Operator : RC/JU
Sample : Q3381-03MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

Quant Time: Oct 20 16:33:56 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

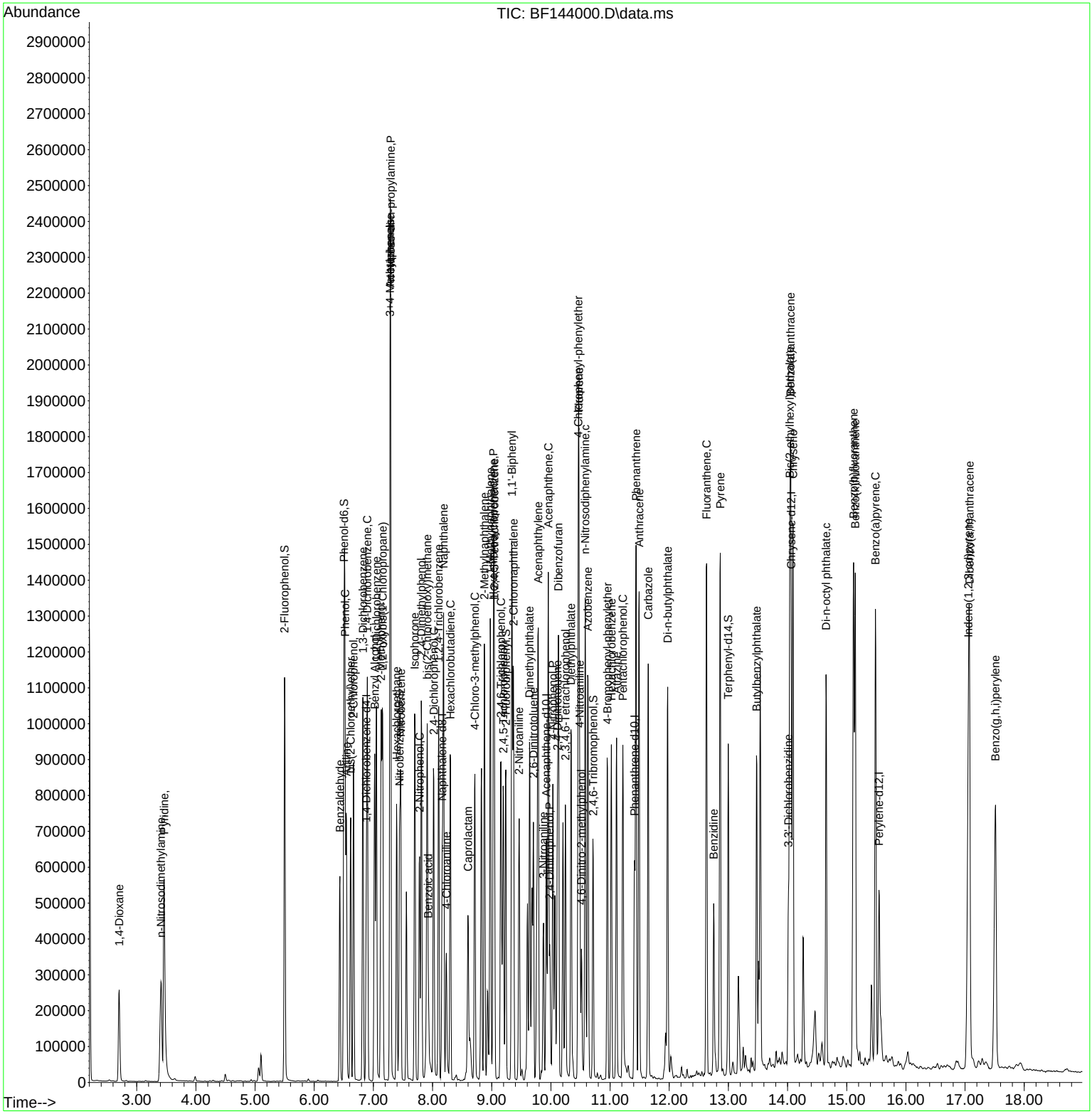
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	200259	46.753	ng		99
46) 1,1'-Biphenyl	9.339	154	678896	51.087	ng		99
47) 2-Chloronaphthalene	9.369	162	512730	46.276	ng		97
48) 2-Nitroaniline	9.463	65	175824	50.193	ng		95
49) Acenaphthylene	9.786	152	809376	51.961	ng		100
50) Dimethylphthalate	9.639	163	597488	46.876	ng		100
51) 2,6-Dinitrotoluene	9.704	165	127854	54.095	ng		96
52) Acenaphthene	9.957	154	478527	46.884	ng		99
53) 3-Nitroaniline	9.875	138	92302	31.894	ng		99
54) 2,4-Dinitrophenol	9.981	184	81830	58.200	ng		92
55) Dibenzofuran	10.128	168	675911	46.912	ng		98
56) 4-Nitrophenol	10.033	139	186388	85.060	ng		97
57) 2,4-Dinitrotoluene	10.110	165	170165	52.914	ng		99
58) Fluorene	10.475	166	516441	47.503	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	141238	46.581	ng		98
60) Diethylphthalate	10.339	149	543627	45.909	ng		100
61) 4-Chlorophenyl-phenyle...	10.463	204	257179	44.744	ng		97
62) 4-Nitroaniline	10.486	138	127786	45.917	ng		95
63) Azobenzene	10.622	77	606952	49.044	ng		99
65) 4,6-Dinitro-2-methylph...	10.516	198	73561	45.976	ng		99
66) n-Nitrosodiphenylamine	10.581	169	501852	50.200	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	168517	47.892	ng		97
68) Hexachlorobenzene	11.022	284	195558	48.006	ng		99
69) Atrazine	11.110	200	152836	50.440	ng		98
70) Pentachlorophenol	11.216	266	184749	78.967	ng		98
71) Phenanthrene	11.439	178	818952	53.056	ng		99
72) Anthracene	11.492	178	795285	51.001	ng		99
73) Carbazole	11.645	167	673083	48.737	ng		99
74) Di-n-butylphthalate	11.975	149	786167	49.117	ng		99
75) Fluoranthene	12.633	202	892868	56.001	ng		98
77) Benzidine	12.751	184	292169	37.604	ng		99
78) Pyrene	12.863	202	897135	48.091	ng		99
80) Butylbenzylphthalate	13.474	149	297998	49.187	ng		99
81) Benzo(a)anthracene	14.051	228	876380	59.849	ng		99
82) 3,3'-Dichlorobenzidine	14.016	252	148913	33.370	ng		98
83) Chrysene	14.092	228	762919	56.293	ng		100
84) Bis(2-ethylhexyl)phtha...	14.039	149	388279	53.166	ng		100
85) Di-n-octyl phthalate	14.651	149	721877	60.181	ng	#	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	942417	52.175	ng		99
88) Benzo(b)fluoranthene	15.116	252	963893	56.923	ng		99
89) Benzo(k)fluoranthene	15.145	252	694255	44.309	ng		99
90) Benzo(a)pyrene	15.486	252	854925	58.227	ng		99
91) Dibenzo(a,h)anthracene	17.074	278	729261	50.200	ng		98
92) Benzo(g,h,i)perylene	17.515	276	756650	52.085	ng		98

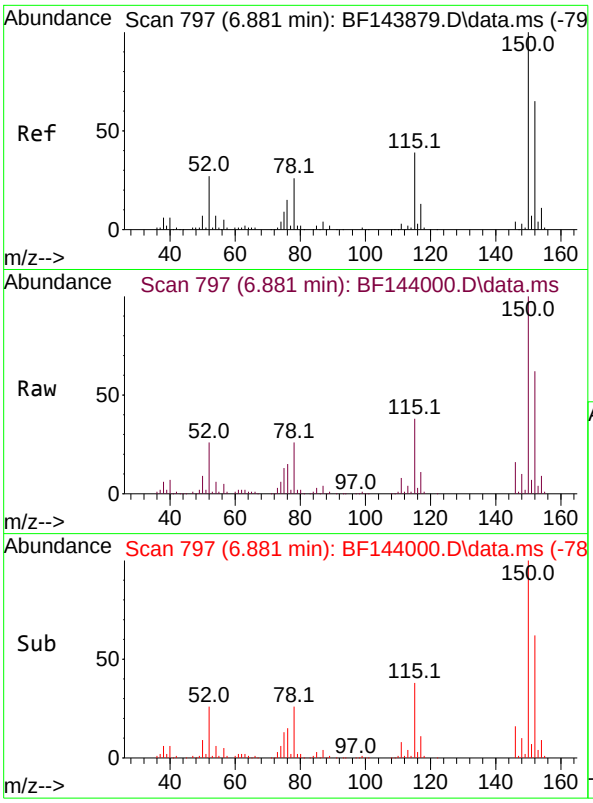
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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102025\
Data File : BF144000.D
Acq On : 20 Oct 2025 15:57
Operator : RC/JU
Sample : Q3381-03MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

Quant Time: Oct 20 16:33:56 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



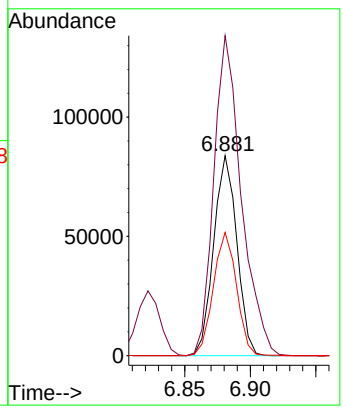


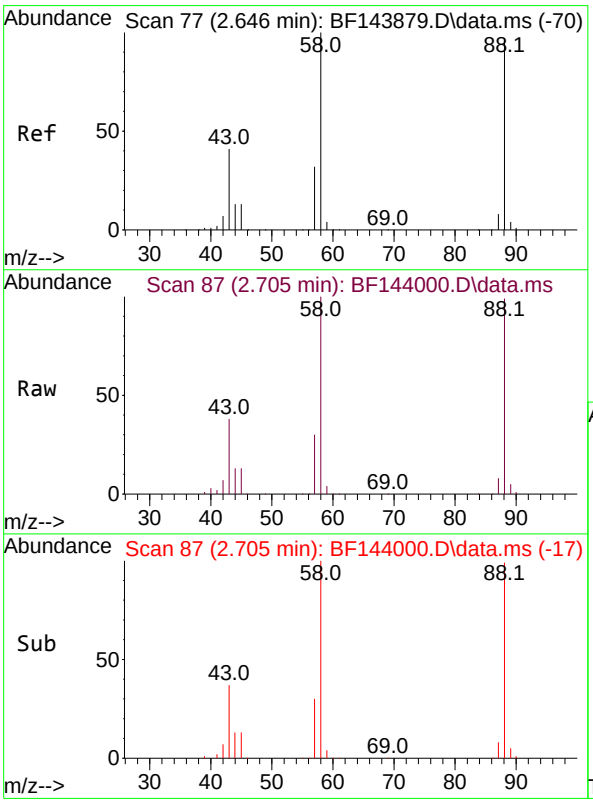
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

Tgt Ion:152 Resp: 103333

Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.4	186.6
115	61.6	48.1	72.1

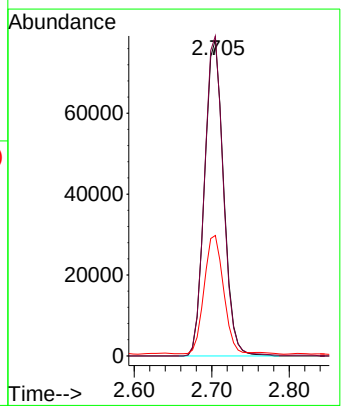


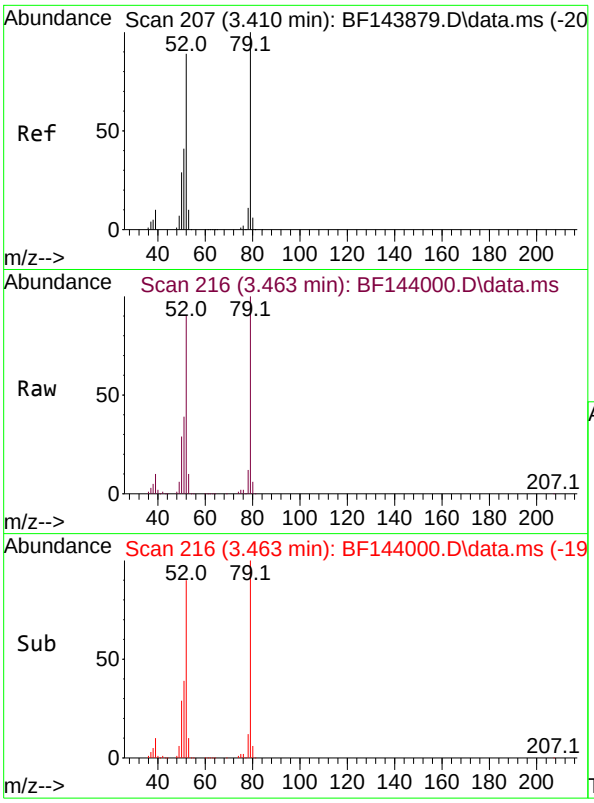


#2
1,4-Dioxane
Concen: 44.102 ng
RT: 2.705 min Scan# 87
Delta R.T. 0.059 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion: 88 Resp: 132798

Ion	Ratio	Lower	Upper
88	100		
58	100.7	83.0	124.6
43	38.3	33.9	50.9



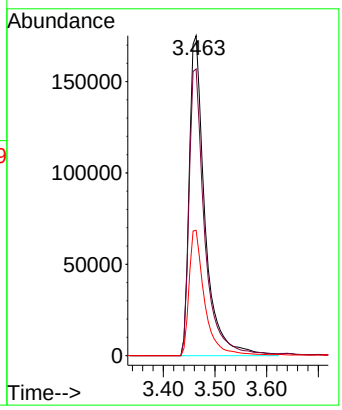


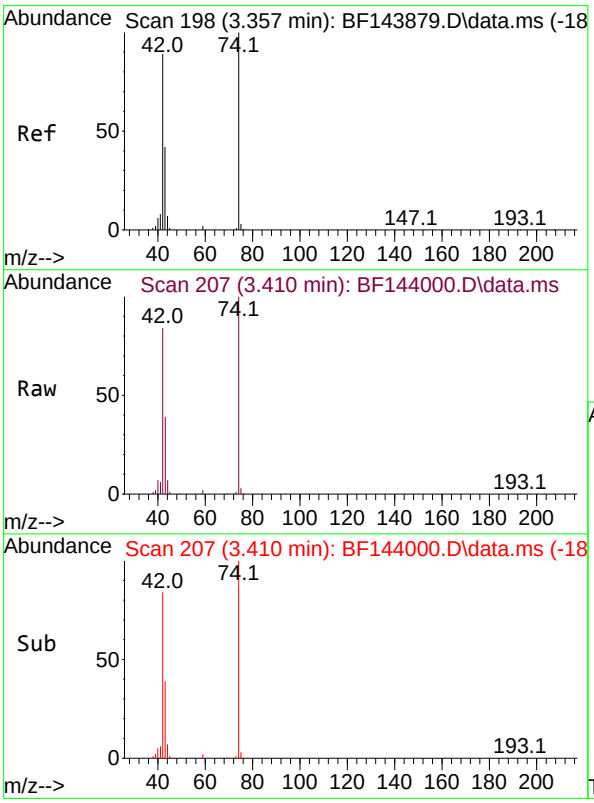
#3
Pyridine
Concen: 42.020 ng
RT: 3.463 min Scan# 21
Delta R.T. 0.047 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

Tgt Ion: 79 Resp: 368348

Ion	Ratio	Lower	Upper
79	100		
52	89.6	71.5	107.3
51	39.2	32.9	49.3

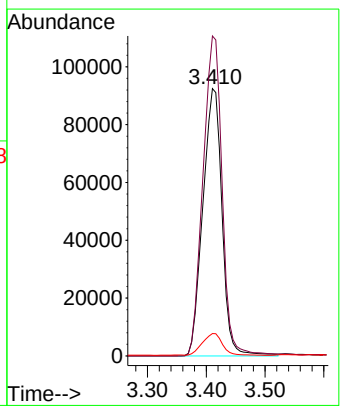


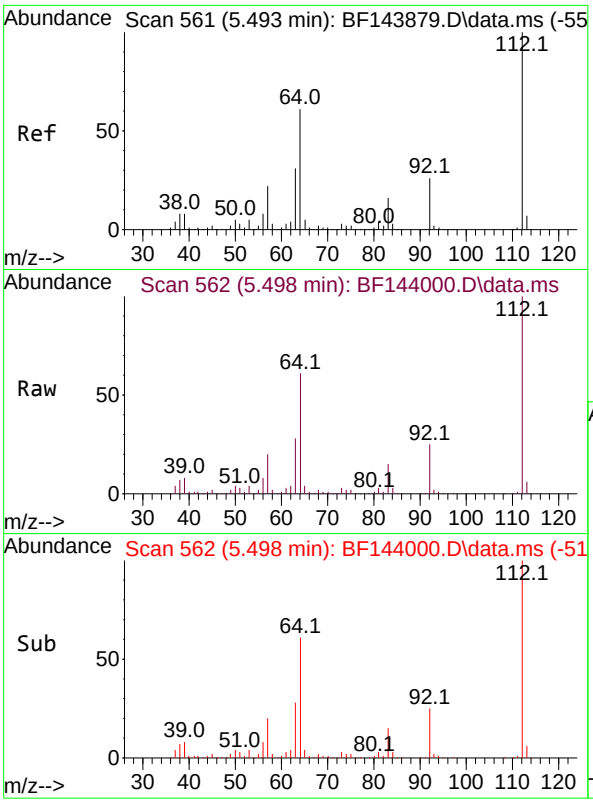


#4
n-Nitrosodimethylamine
Concen: 45.366 ng
RT: 3.410 min Scan# 207
Delta R.T. 0.024 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion: 42 Resp: 209201

Ion	Ratio	Lower	Upper
42	100		
74	119.7	90.0	135.0
44	8.3	6.2	9.2



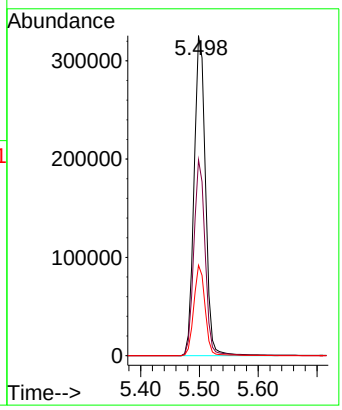


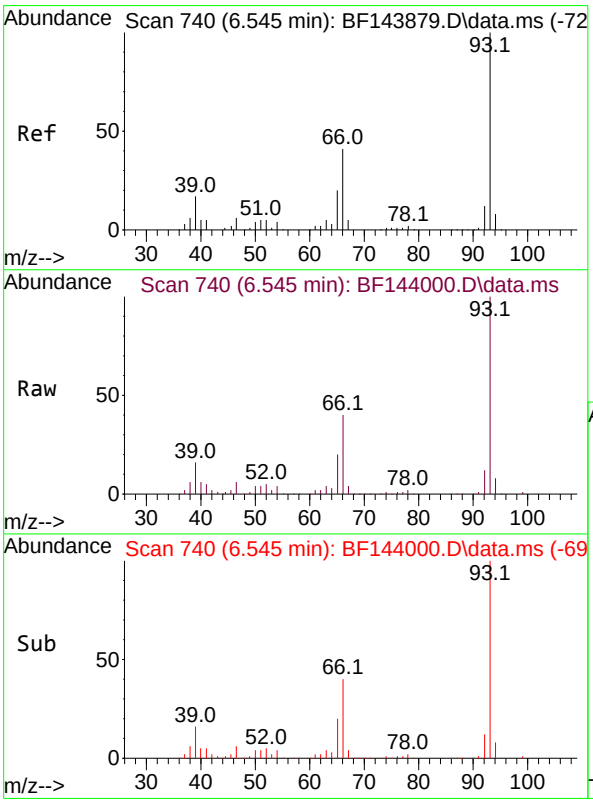
#5
2-Fluorophenol
Concen: 67.402 ng
RT: 5.498 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

Tgt Ion:112 Resp: 438595

Ion	Ratio	Lower	Upper
112	100		
64	61.2	49.1	73.7
63	28.2	24.5	36.7

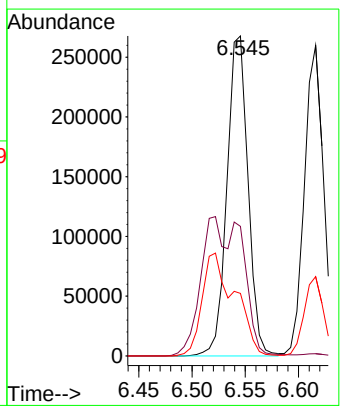


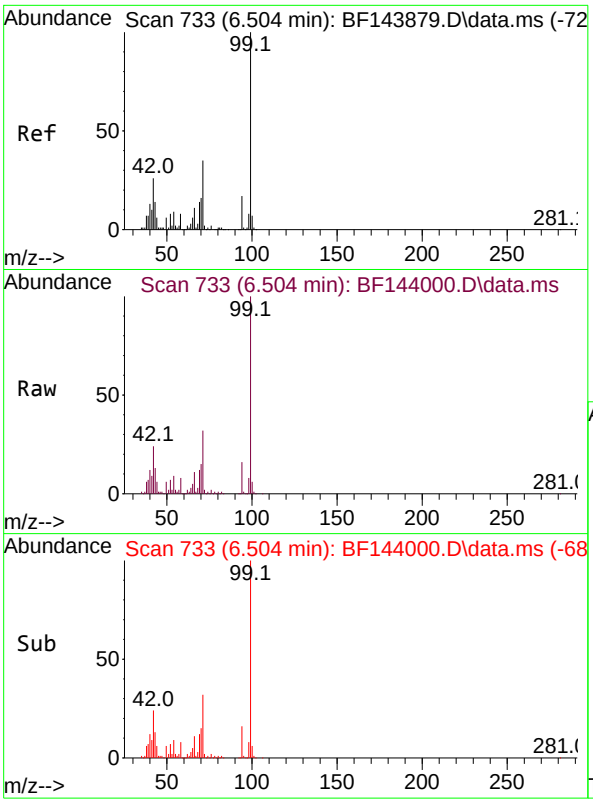


#6
Aniline
Concen: 31.709 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion: 93 Resp: 368544

Ion	Ratio	Lower	Upper
93	100		
66	40.5	33.0	49.6
65	19.5	15.8	23.8



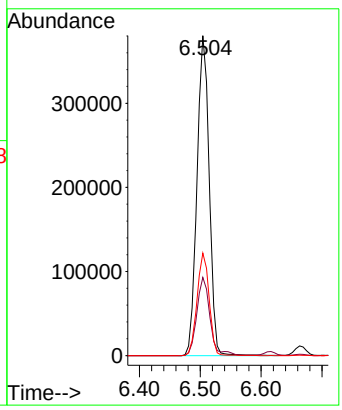


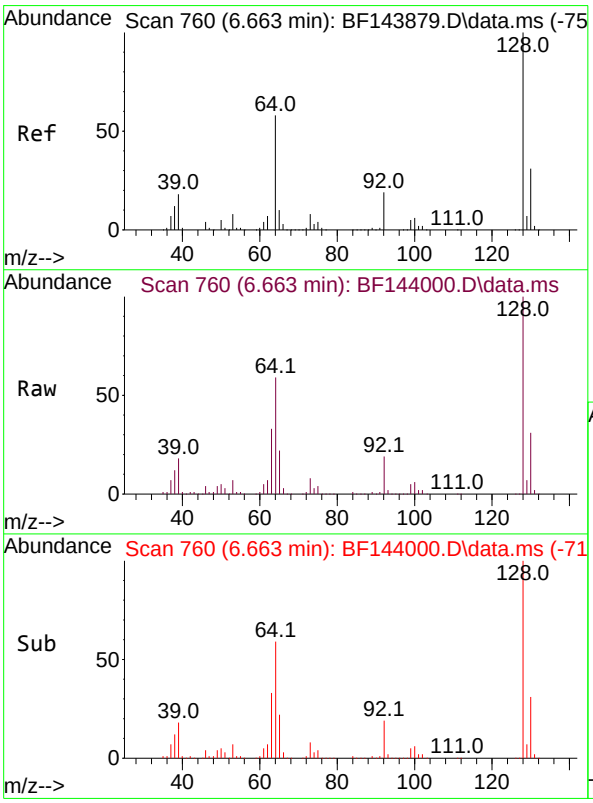
#7
Phenol-d6
Concen: 68.323 ng
RT: 6.504 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

Tgt Ion: 99 Resp: 529928

Ion	Ratio	Lower	Upper
99	100		
42	24.4	21.0	31.4
71	32.0	27.8	41.8

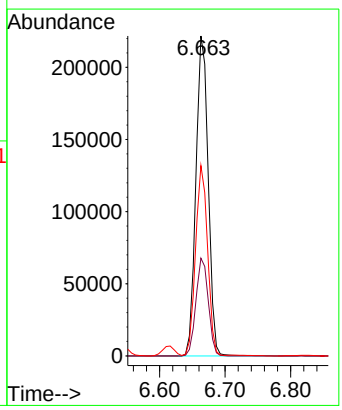


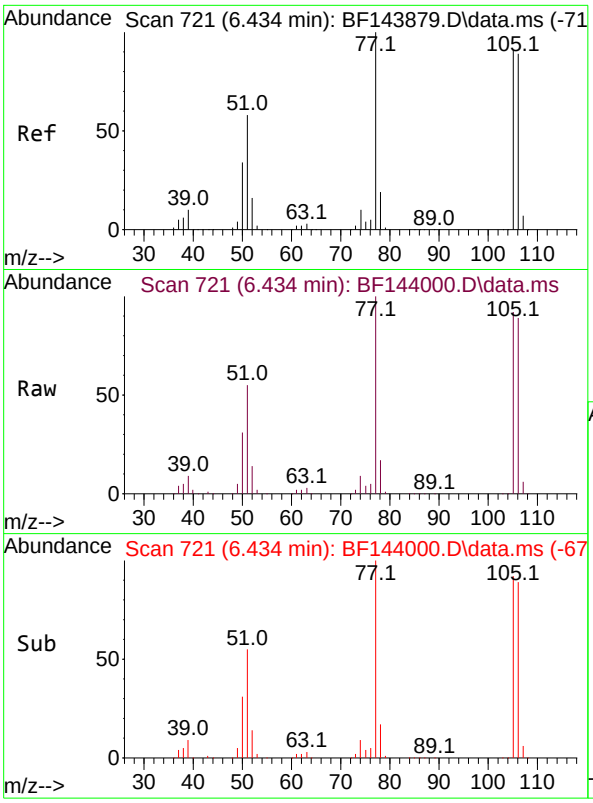


#8
2-Chlorophenol
Concen: 45.142 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion:128 Resp: 287133

Ion	Ratio	Lower	Upper
128	100		
130	30.5	10.7	50.7
64	59.5	39.0	79.0



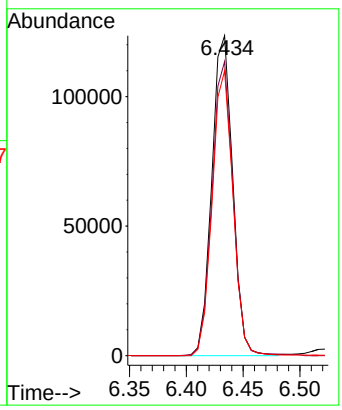


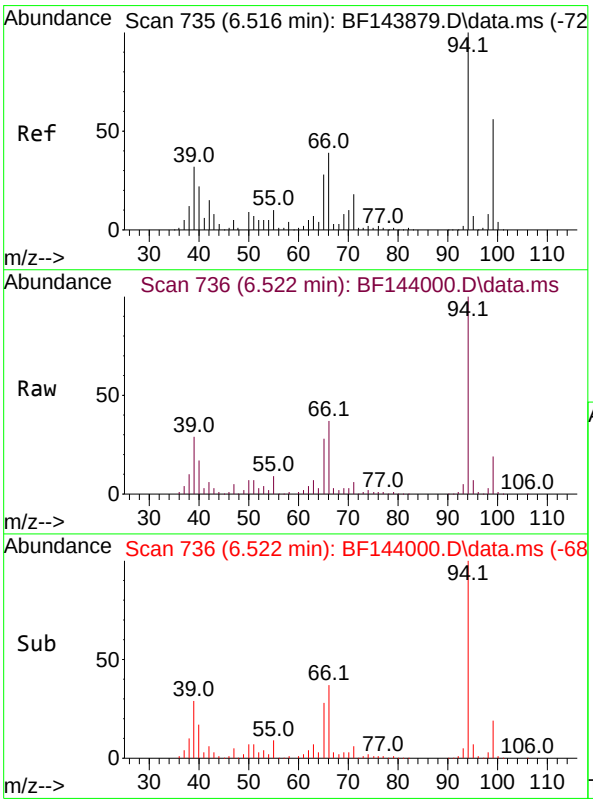
#9
Benzaldehyde
Concen: 26.456 ng
RT: 6.434 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

Tgt Ion: 77 Resp: 158290

Ion	Ratio	Lower	Upper
77	100		
105	91.9	70.9	110.9
106	89.0	68.9	108.9

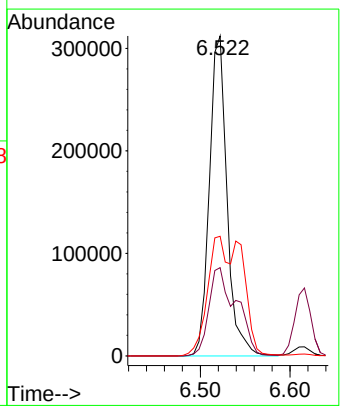


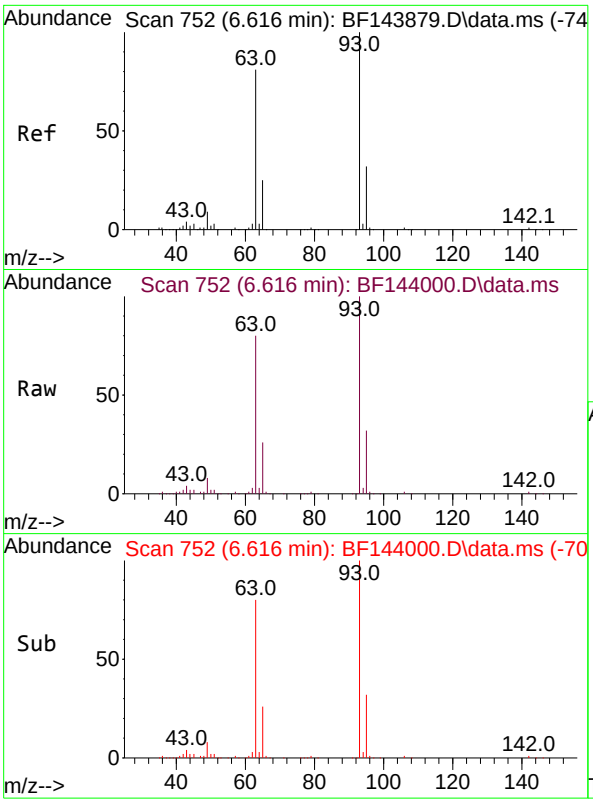


#10
Phenol
Concen: 46.230 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.012 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion: 94 Resp: 428684

Ion	Ratio	Lower	Upper
94	100		
65	27.6	8.5	48.5
66	37.4	19.9	59.9



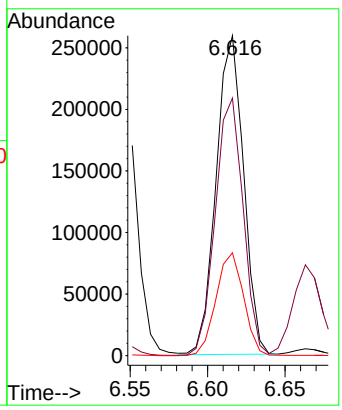


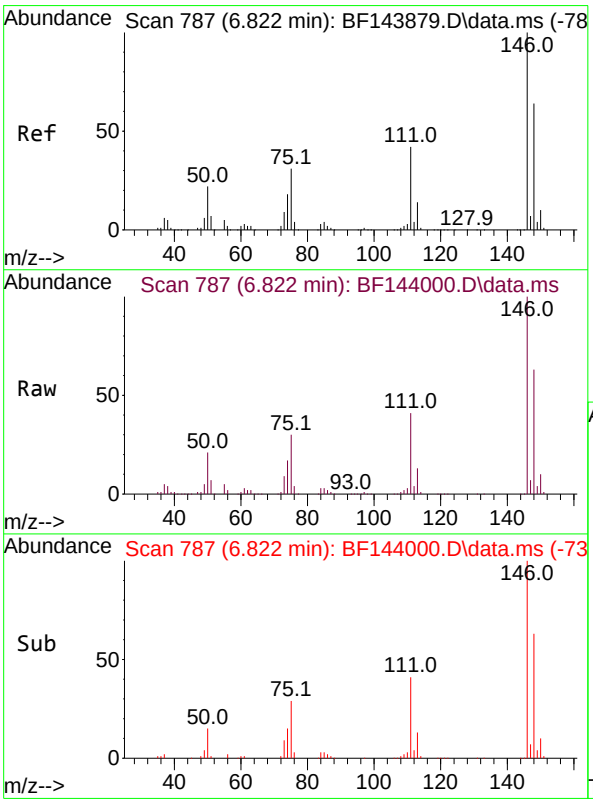
#11
bis(2-Chloroethyl)ether
Concen: 44.498 ng
RT: 6.616 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

Tgt Ion: 93 Resp: 318744

Ion	Ratio	Lower	Upper
93	100		
63	80.5	60.9	100.9
95	32.1	11.5	51.5

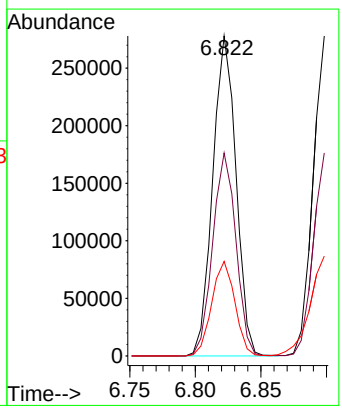


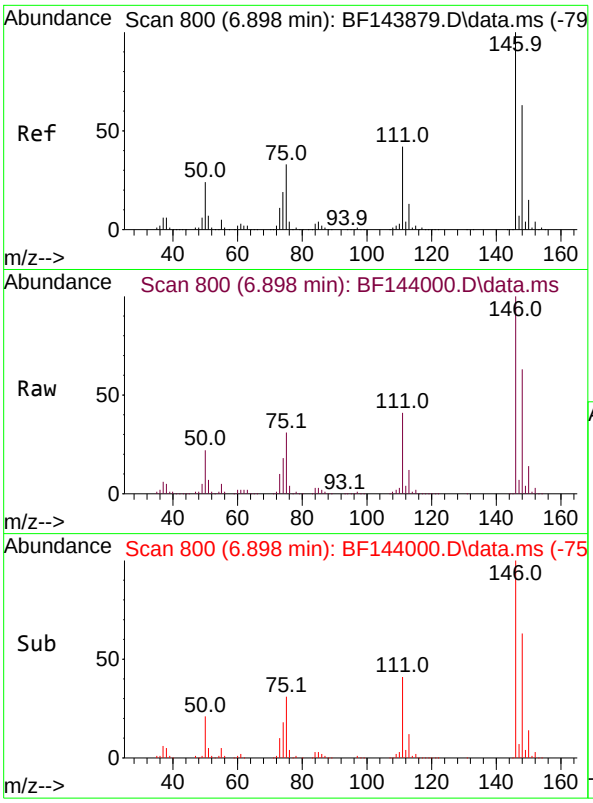


#12
1,3-Dichlorobenzene
Concen: 45.152 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion:146 Resp: 343788

Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.0	76.4
75	29.5	24.9	37.3



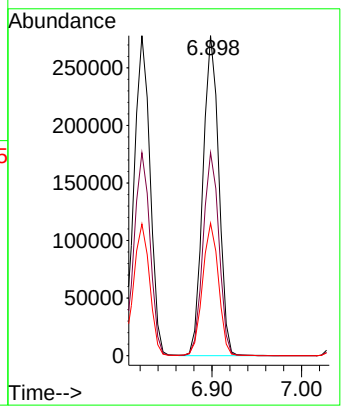


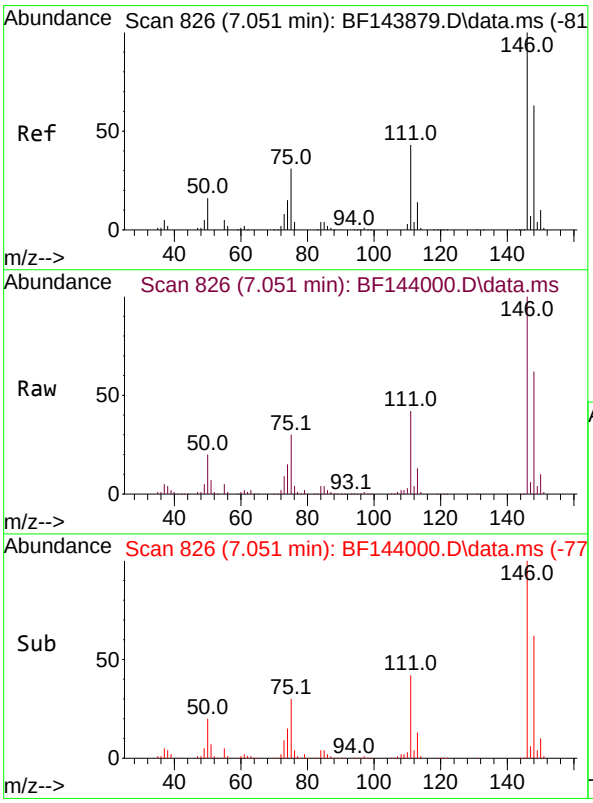
#13
1,4-Dichlorobenzene
Concen: 45.575 ng
RT: 6.898 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

Tgt Ion:146 Resp: 342288

Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.5	75.7
111	41.4	33.4	50.0

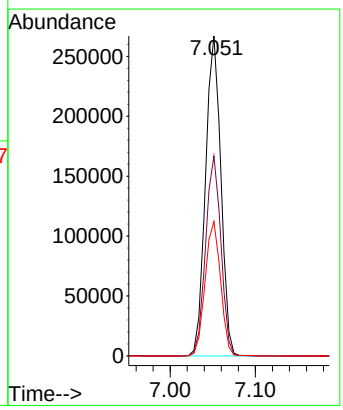


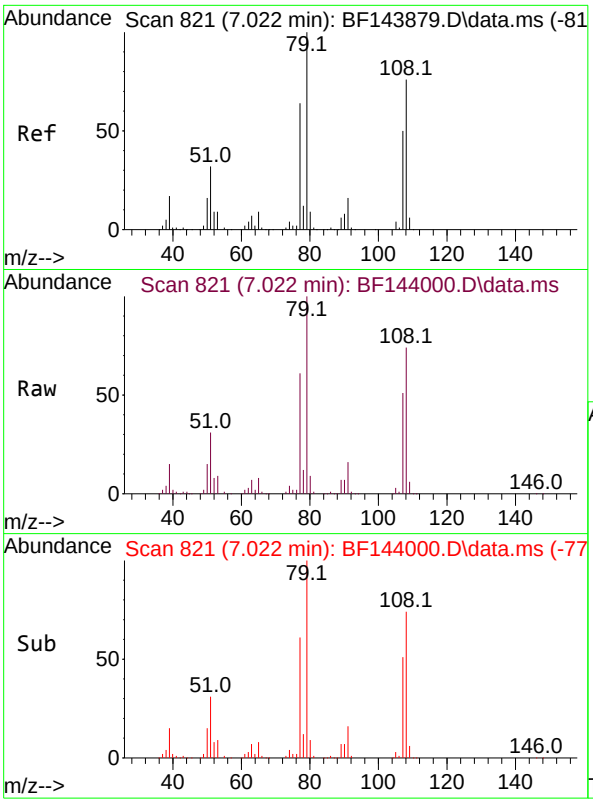


#14
1,2-Dichlorobenzene
Concen: 46.447 ng
RT: 7.051 min Scan# 826
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion:146 Resp: 334132

Ion	Ratio	Lower	Upper
146	100		
148	62.5	50.6	75.8
111	42.0	34.6	51.8



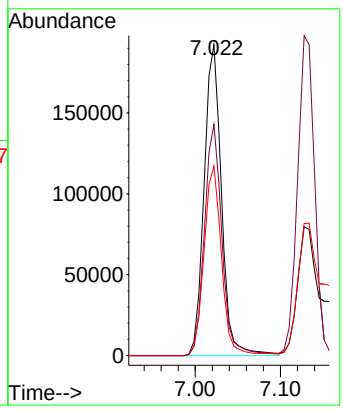


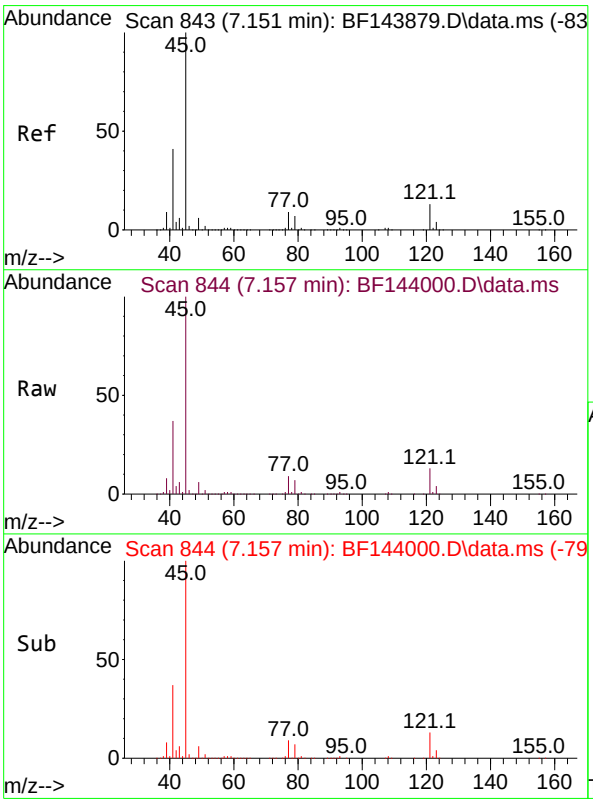
#15
Benzyl Alcohol
Concen: 46.914 ng
RT: 7.022 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

Tgt Ion: 79 Resp: 272640

Ion	Ratio	Lower	Upper
79	100		
108	74.4	60.8	91.2
77	60.9	51.0	76.6

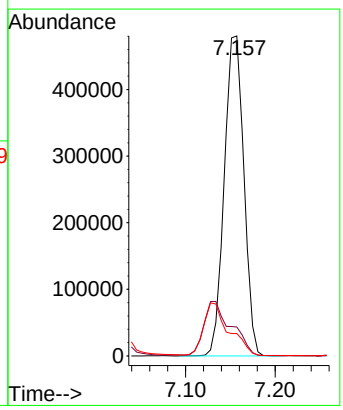


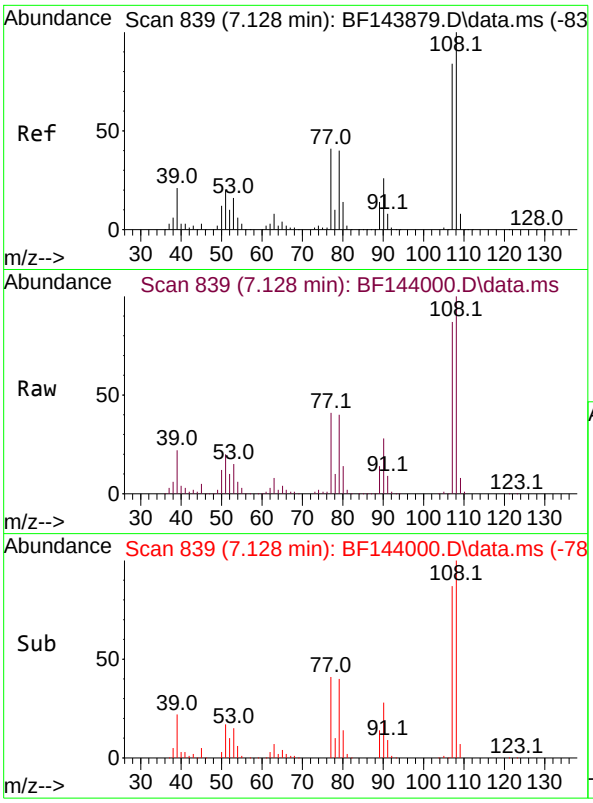


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.856 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion: 45 Resp: 731362

Ion	Ratio	Lower	Upper
45	100		
77	9.0	0.0	29.0
79	7.0	0.0	26.8



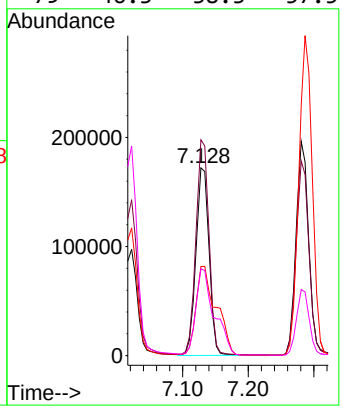


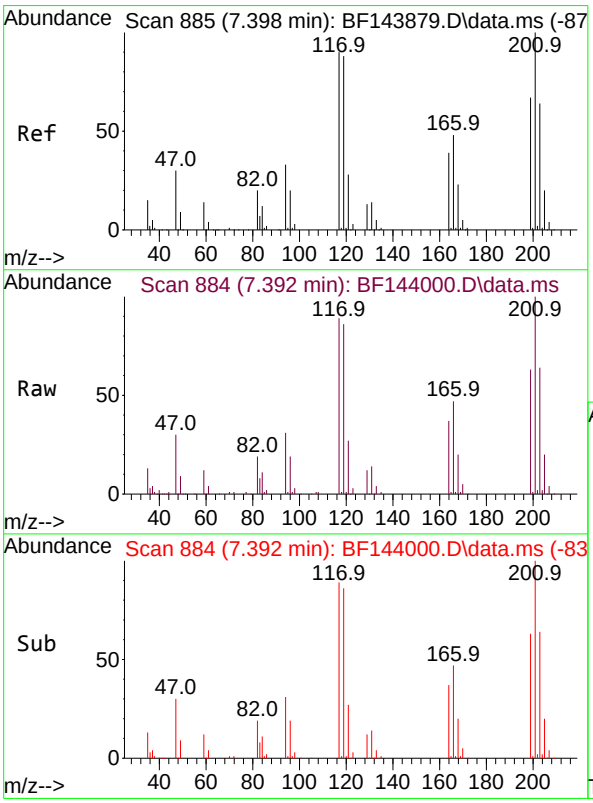
#17
2-Methylphenol
Concen: 45.486 ng
RT: 7.128 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

Tgt Ion:107 Resp: 239106

Ion	Ratio	Lower	Upper
107	100		
108	114.9	94.7	142.1
77	47.4	38.8	58.2
79	46.3	38.3	57.5

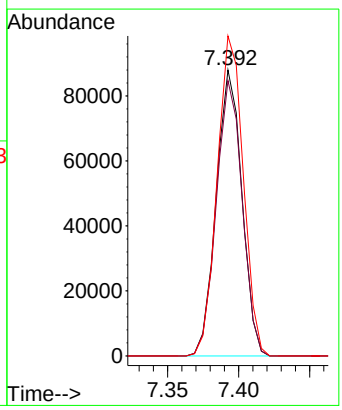


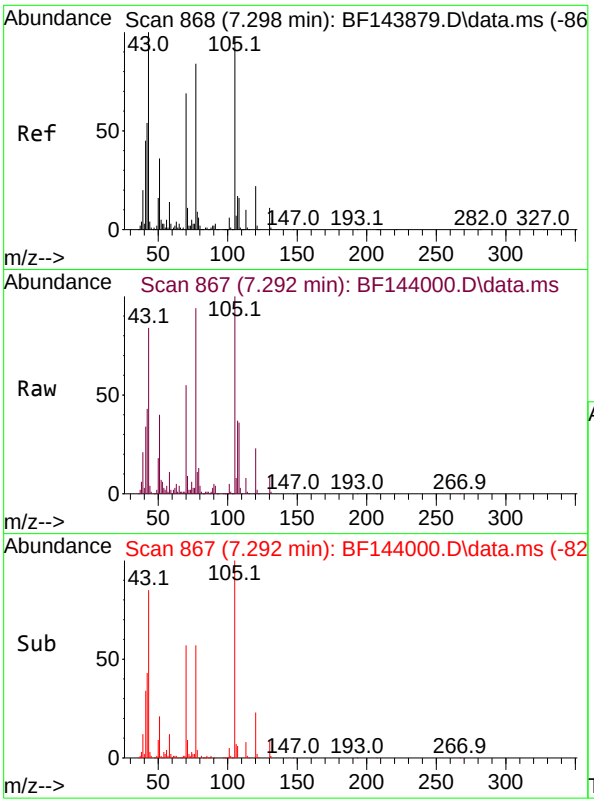


#18
Hexachloroethane
Concen: 44.183 ng
RT: 7.392 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion:117 Resp: 110667

Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.8	116.8
201	111.9	88.5	132.7



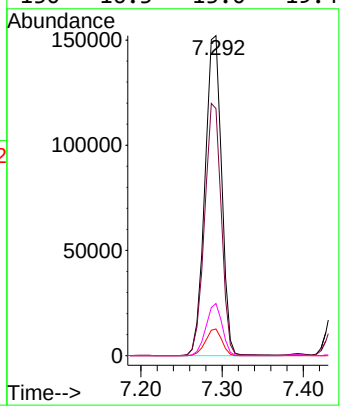


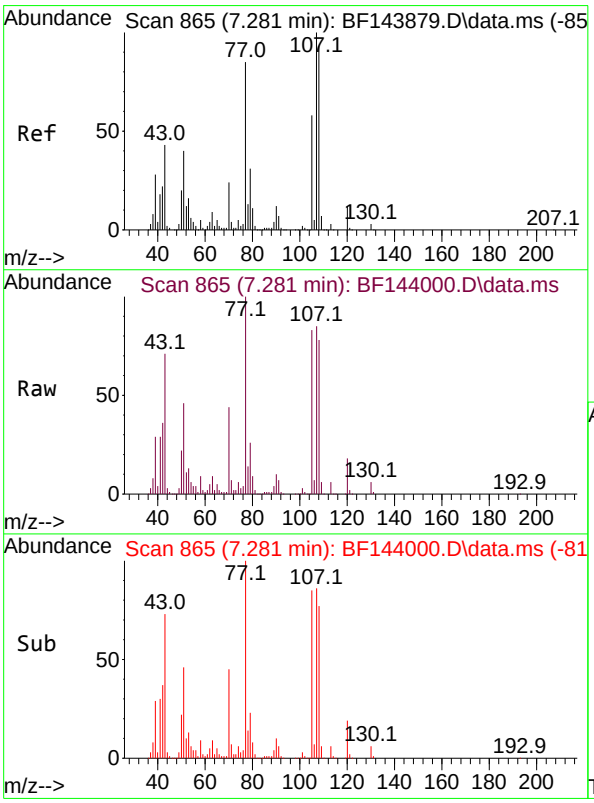
#19
n-Nitroso-di-n-propylamine
Concen: 41.015 ng
RT: 7.292 min Scan# 8
Delta R.T. -0.023 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

Tgt Ion: 70 Resp: 217753

Ion	Ratio	Lower	Upper
70	100		
42	77.2	62.8	94.2
101	8.3	6.7	10.1
130	16.3	13.0	19.4

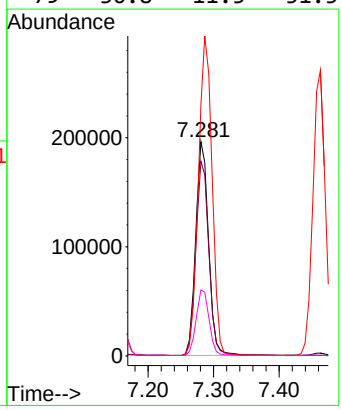


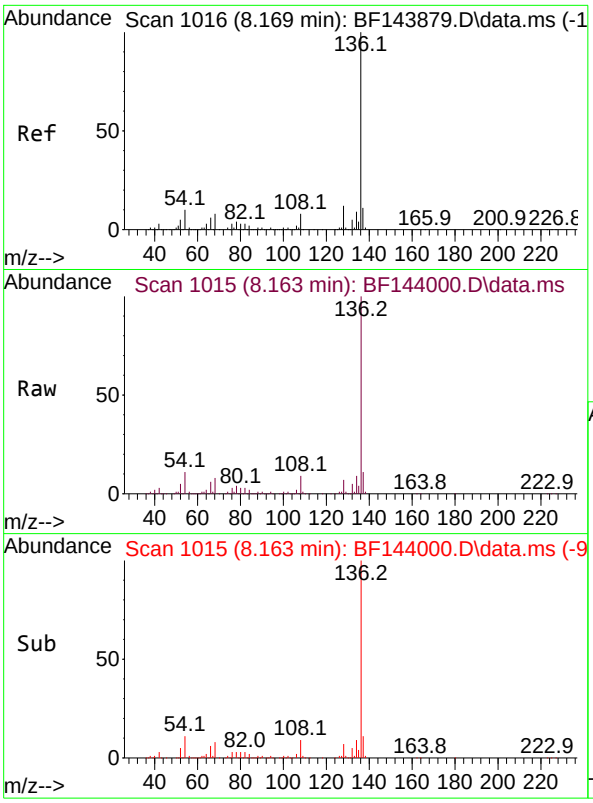


#20
3+4-Methylphenols
Concen: 43.854 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.018 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion:107 Resp: 267179

Ion	Ratio	Lower	Upper
107	100		
108	90.9	73.0	113.0
77	117.1	64.6	104.6#
79	30.8	11.5	51.5



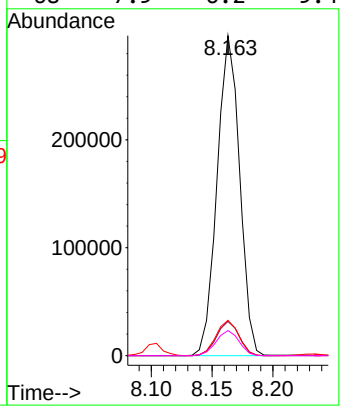


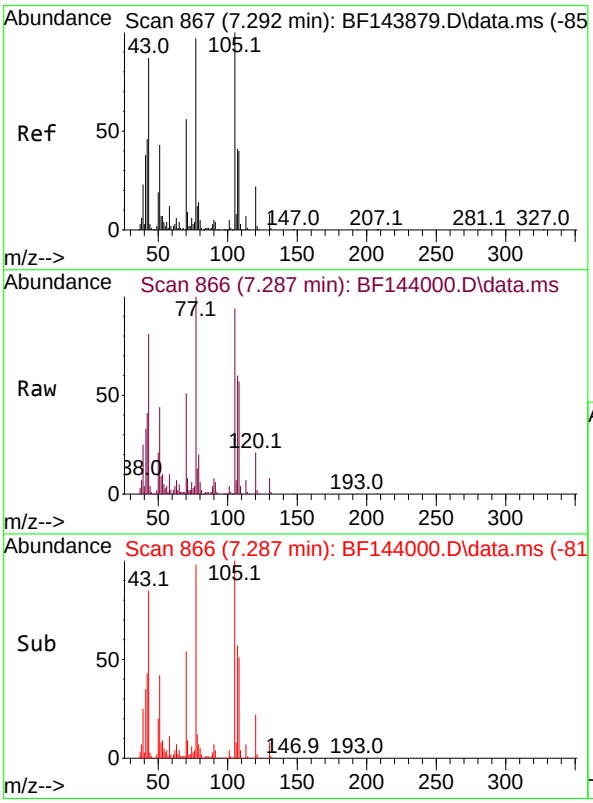
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

Tgt Ion:136 Resp: 382013

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	11.0	8.2	12.4
68	7.9	6.2	9.4

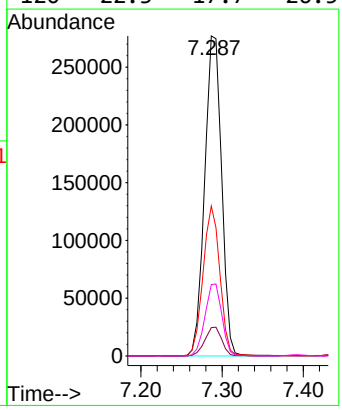


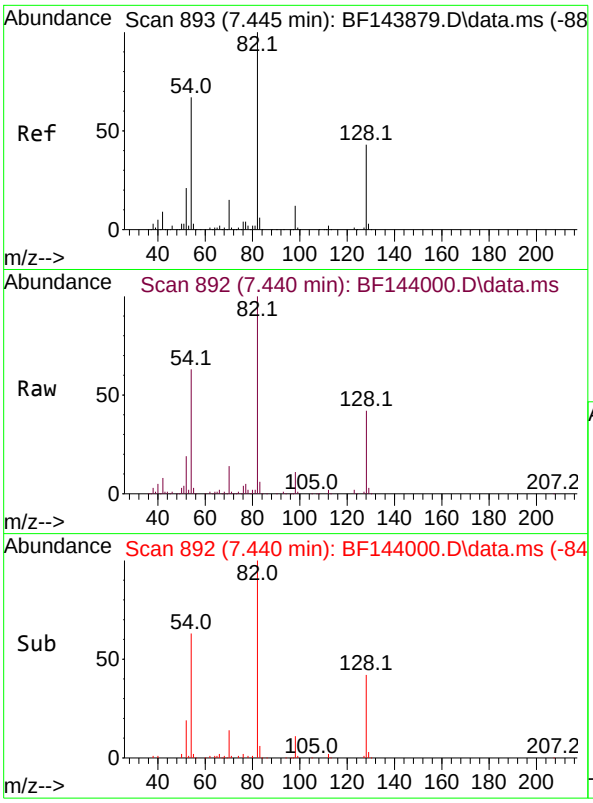


#22
Acetophenone
Concen: 49.968 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.017 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion:105 Resp: 403608

Ion	Ratio	Lower	Upper
105	100		
71	8.8	7.4	11.0
51	46.8	34.2	51.4
120	22.3	17.7	26.5



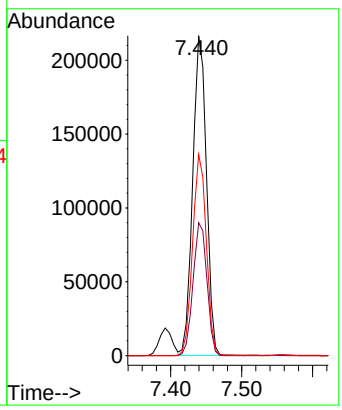


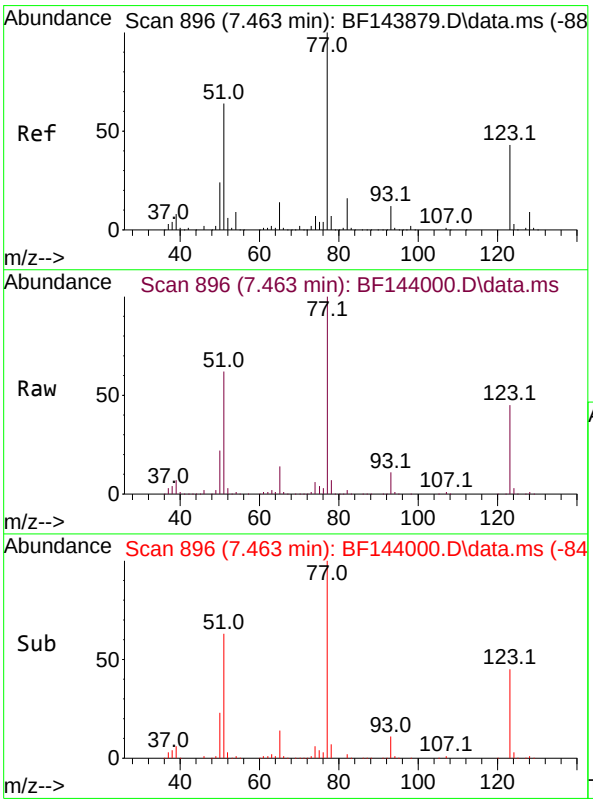
#23
Nitrobenzene-d5
Concen: 46.082 ng
RT: 7.440 min Scan# 89
Delta R.T. -0.017 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

Tgt Ion: 82 Resp: 289756

Ion	Ratio	Lower	Upper
82	100		
128	41.5	34.0	51.0
54	62.8	53.2	79.8

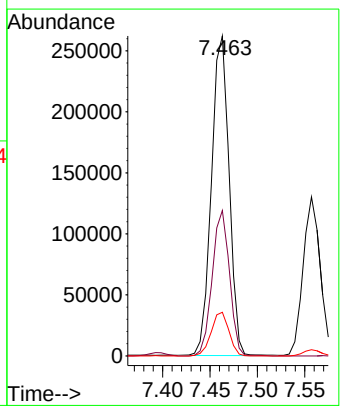


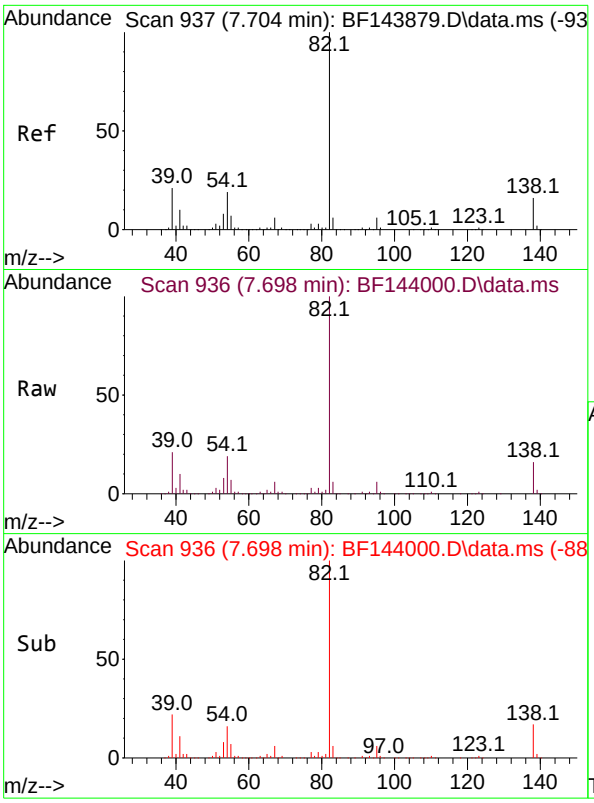


#24
Nitrobenzene
Concen: 48.702 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion: 77 Resp: 340069

Ion	Ratio	Lower	Upper
77	100		
123	45.4	34.2	51.4
65	13.6	11.0	16.6



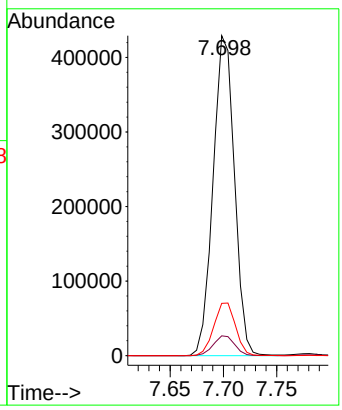


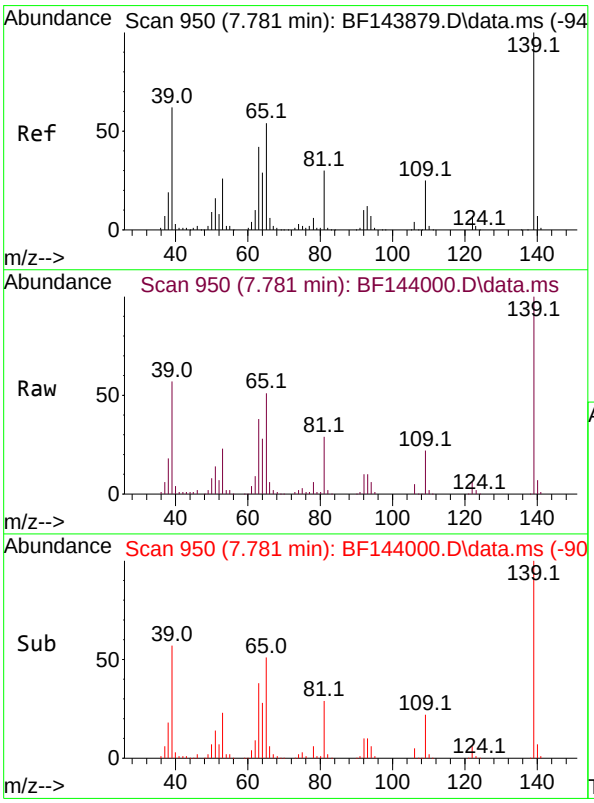
#25
Isophorone
Concen: 45.264 ng
RT: 7.698 min Scan# 9
Delta R.T. -0.023 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

Tgt Ion: 82 Resp: 600118

Ion	Ratio	Lower	Upper
82	100		
95	6.2	5.1	7.7
138	16.3	12.9	19.3

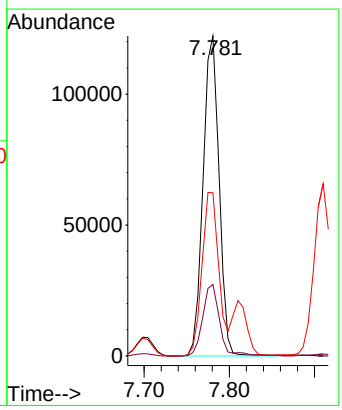


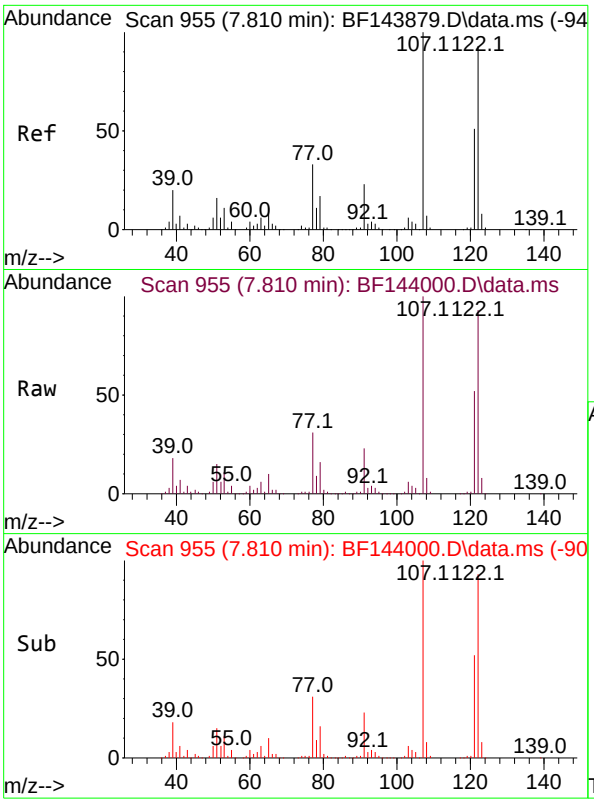


#26
2-Nitrophenol
Concen: 53.262 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion:139 Resp: 159448

Ion	Ratio	Lower	Upper
139	100		
109	22.3	19.8	29.6
65	51.0	42.9	64.3



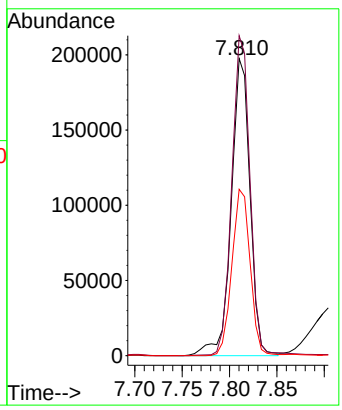


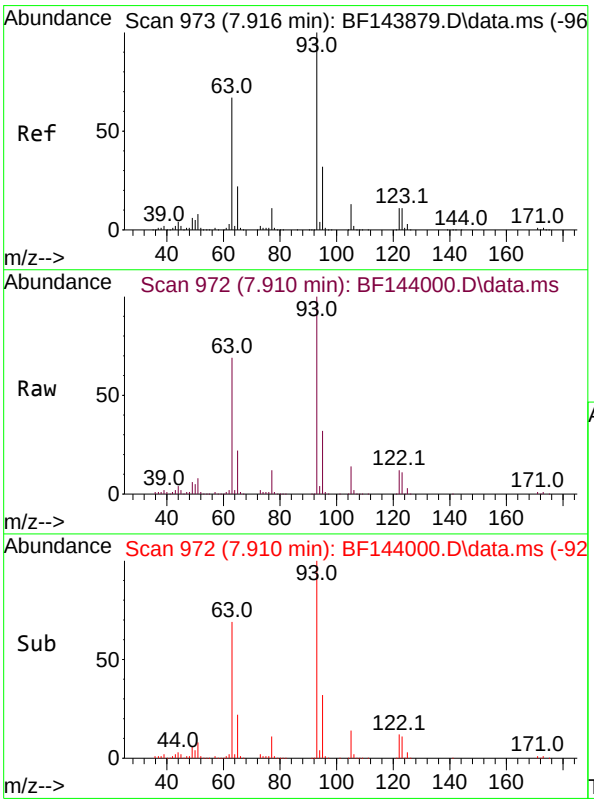
#27
2,4-Dimethylphenol
Concen: 50.573 ng
RT: 7.810 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

Tgt Ion:122 Resp: 272349

Ion	Ratio	Lower	Upper
122	100		
107	107.7	86.1	129.1
121	56.0	43.8	65.6

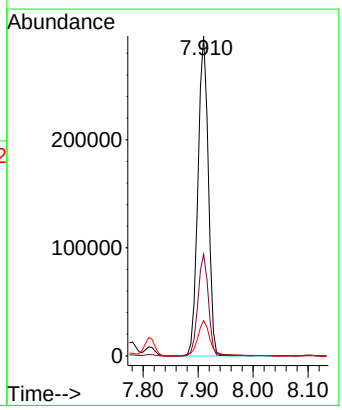


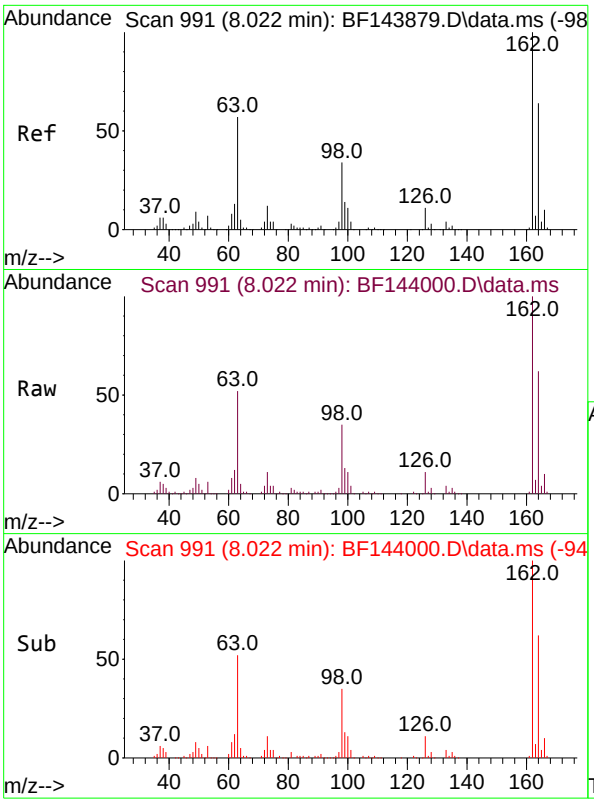


#28
bis(2-Chloroethoxy)methane
Concen: 46.306 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.012 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion: 93 Resp: 387810

Ion	Ratio	Lower	Upper
93	100		
95	31.8	25.9	38.9
123	11.0	9.4	14.0



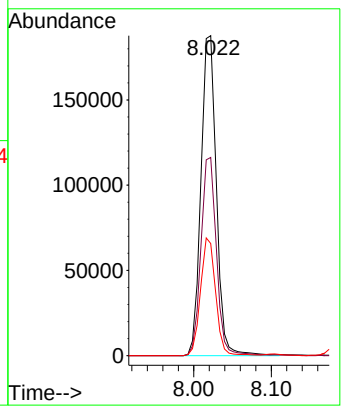


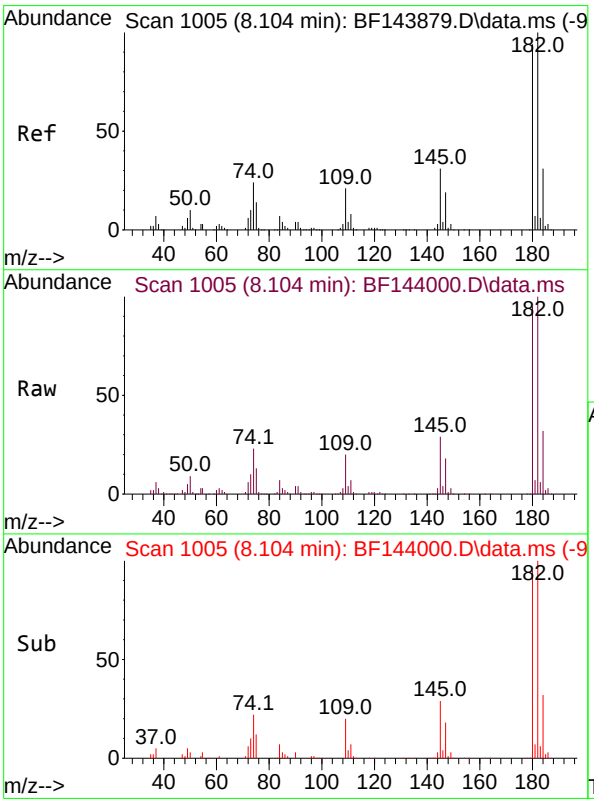
#29
2,4-Dichlorophenol
Concen: 46.261 ng
RT: 8.022 min Scan# 99
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

Tgt Ion:162 Resp: 259499

Ion	Ratio	Lower	Upper
162	100		
164	61.9	43.9	83.9
98	35.0	14.4	54.4

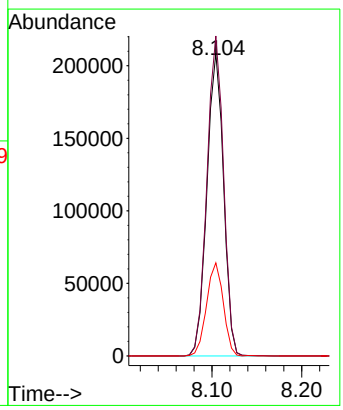


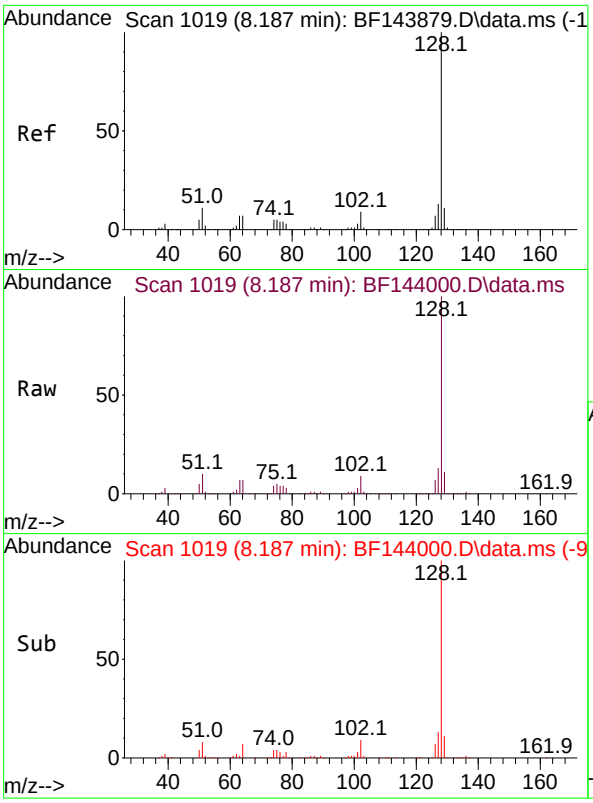


#30
1,2,4-Trichlorobenzene
Concen: 48.932 ng
RT: 8.104 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion:180 Resp: 269947

Ion	Ratio	Lower	Upper
180	100		
182	105.7	85.4	128.0
145	30.7	26.3	39.5



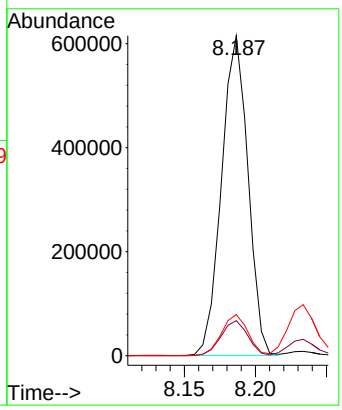


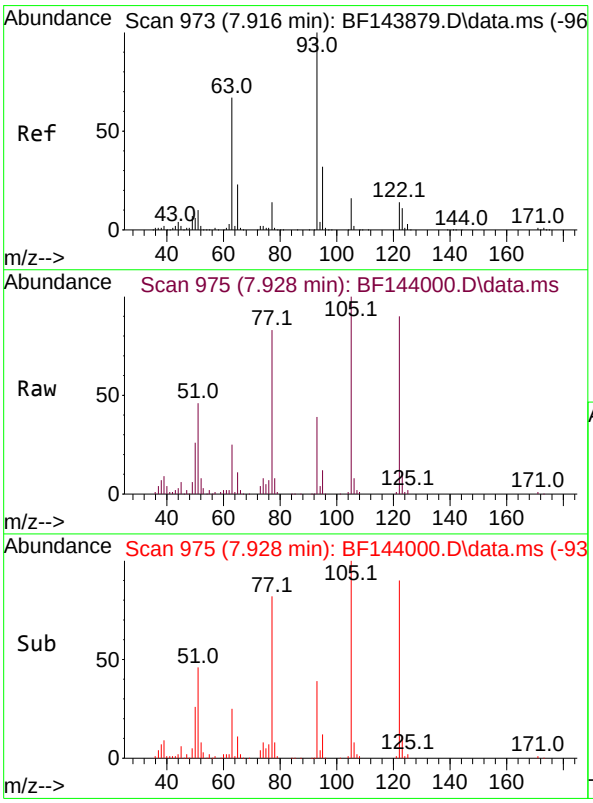
#31
Naphthalene
Concen: 45.855 ng
RT: 8.187 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

Tgt Ion:128 Resp: 796848

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	12.8	10.0	15.0

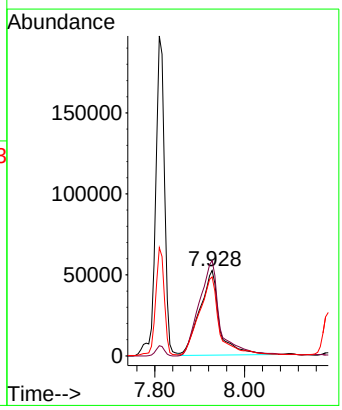


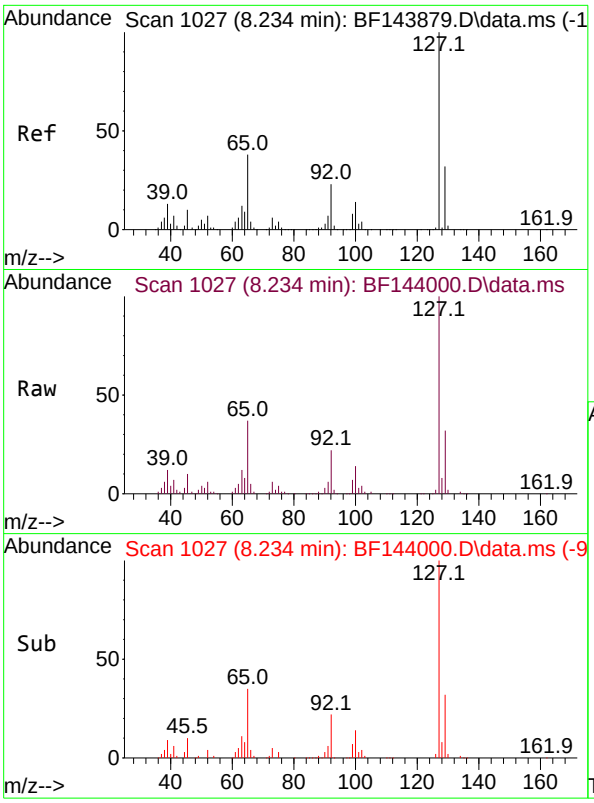


#32
Benzoic acid
Concen: 43.417 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.035 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion:122 Resp: 161816

Ion	Ratio	Lower	Upper
122	100		
105	111.5	93.5	133.5
77	92.4	76.3	116.3



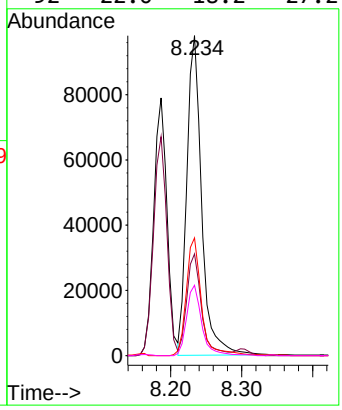


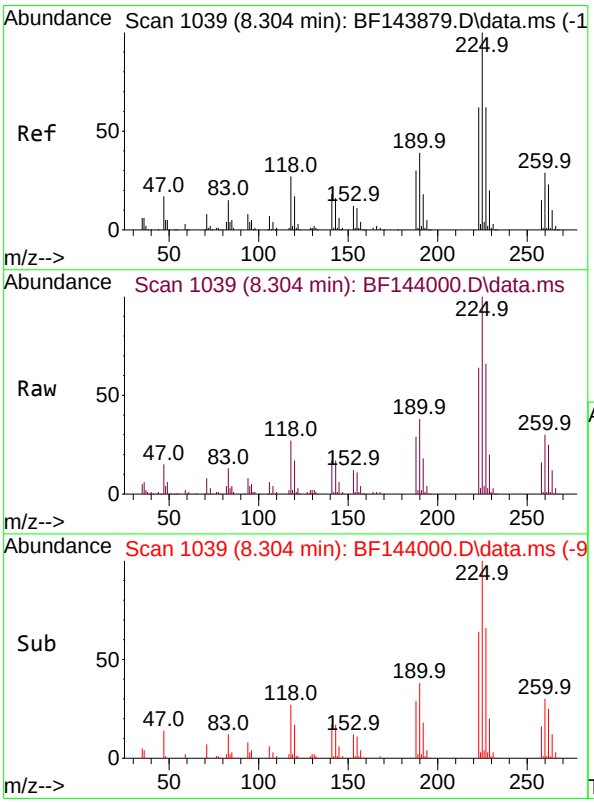
#33
4-Chloroaniline
Concen: 21.892 ng
RT: 8.234 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

Tgt Ion:127 Resp: 142681

Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.8	38.8
65	36.8	30.0	45.0
92	22.0	18.2	27.2

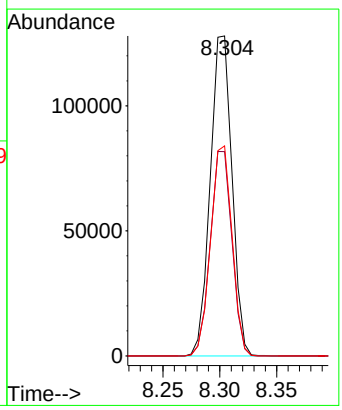


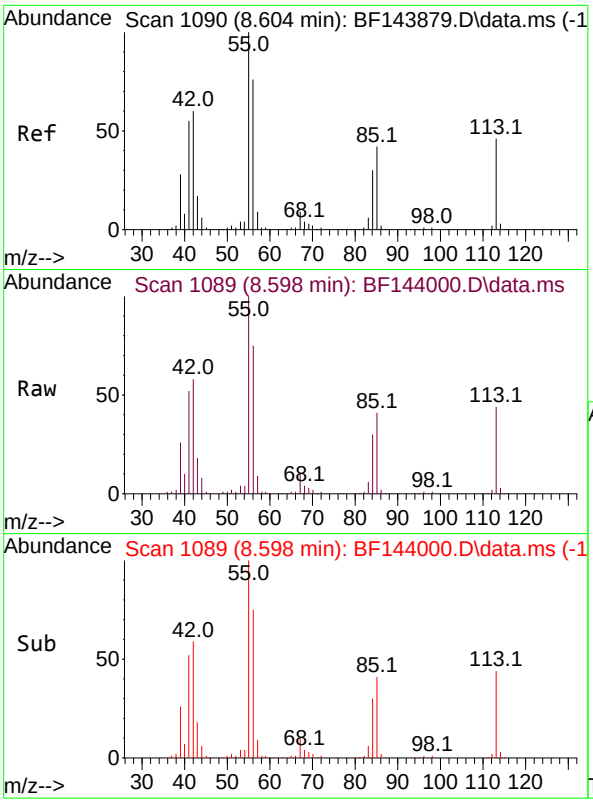


#34
Hexachlorobutadiene
Concen: 44.436 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion:225 Resp: 170350

Ion	Ratio	Lower	Upper
225	100		
223	63.8	49.4	74.2
227	65.6	49.7	74.5



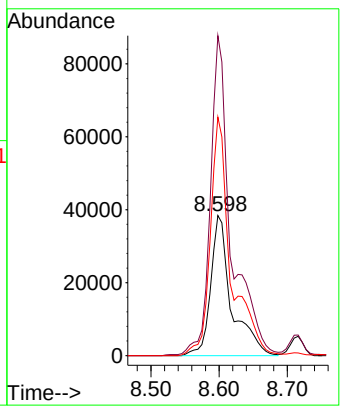


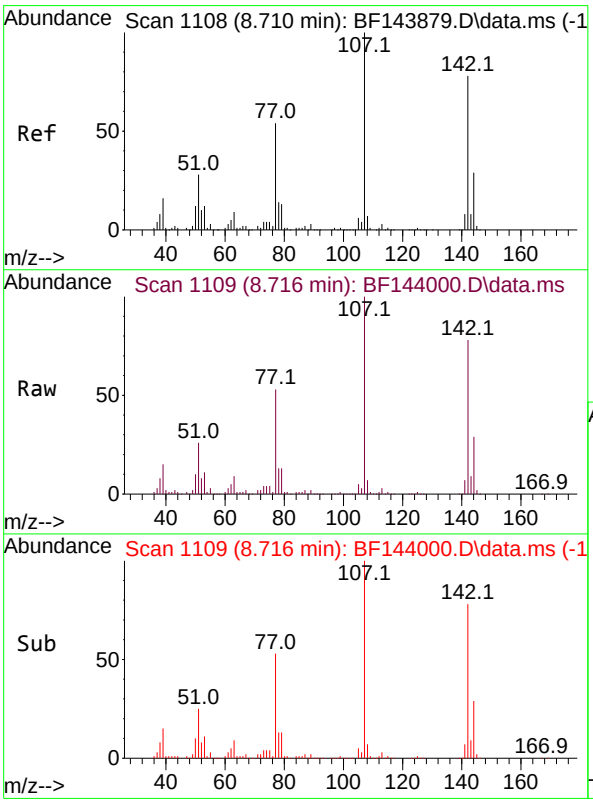
#35
Caprolactam
Concen: 45.664 ng
RT: 8.598 min Scan# 10
Delta R.T. -0.047 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

Tgt Ion:113 Resp: 81445

Ion	Ratio	Lower	Upper
113	100		
55	228.5	199.6	239.6
56	170.3	146.0	186.0

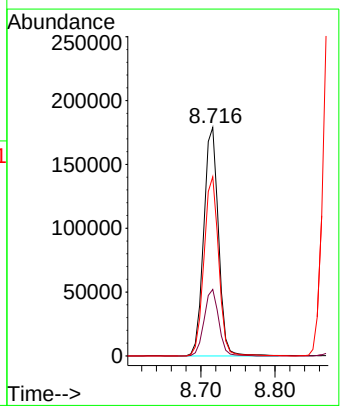


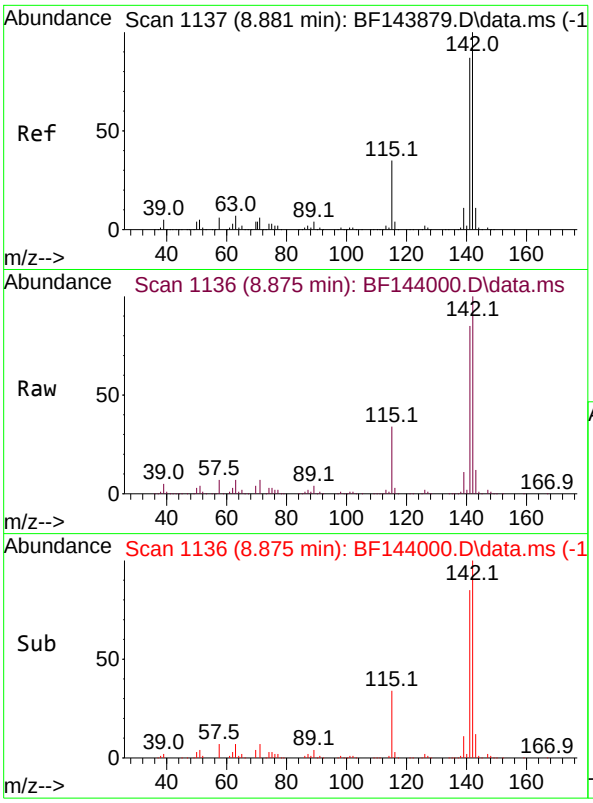


#36
4-Chloro-3-methylphenol
Concen: 45.684 ng
RT: 8.716 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion:107 Resp: 246157

Ion	Ratio	Lower	Upper
107	100		
144	29.1	23.1	34.7
142	78.5	62.6	94.0



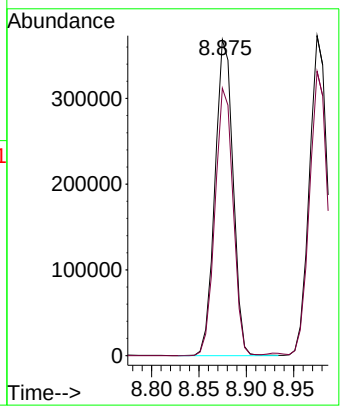


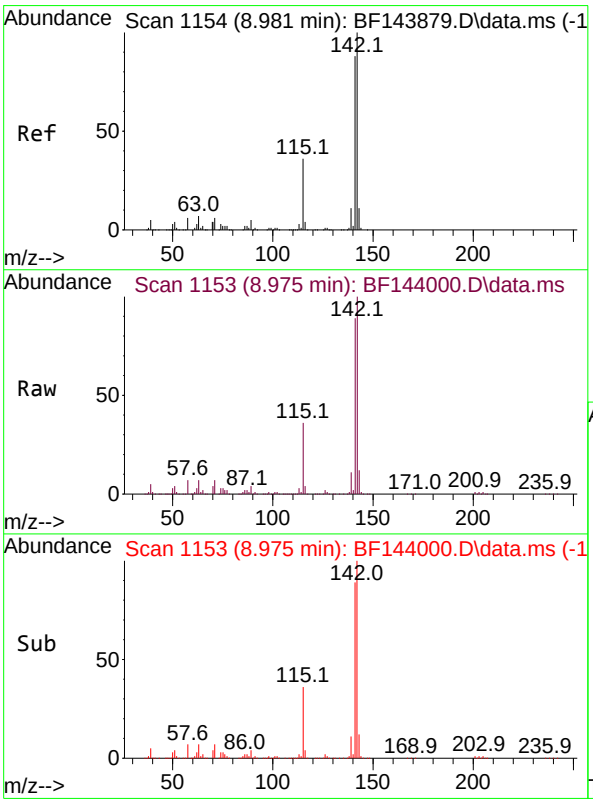
#37
2-Methylnaphthalene
Concen: 42.286 ng
RT: 8.875 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

Tgt Ion:142 Resp: 489487

Ion	Ratio	Lower	Upper
142	100		
141	84.7	69.2	103.8

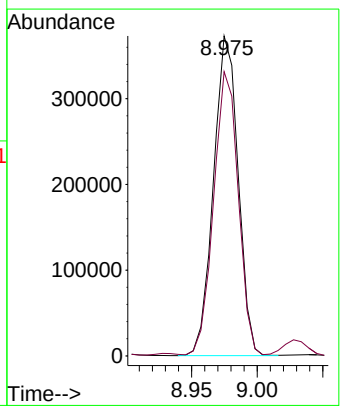


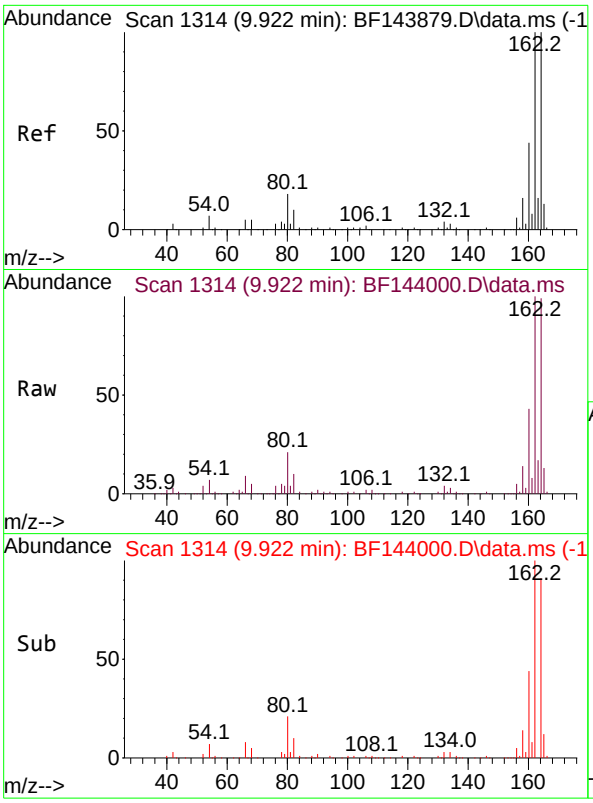


#38
1-Methylnaphthalene
Concen: 43.496 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.011 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion:142 Resp: 488367

Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.8	106.2



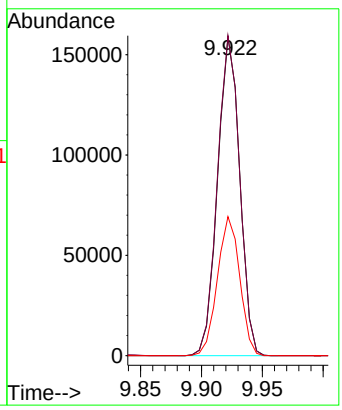


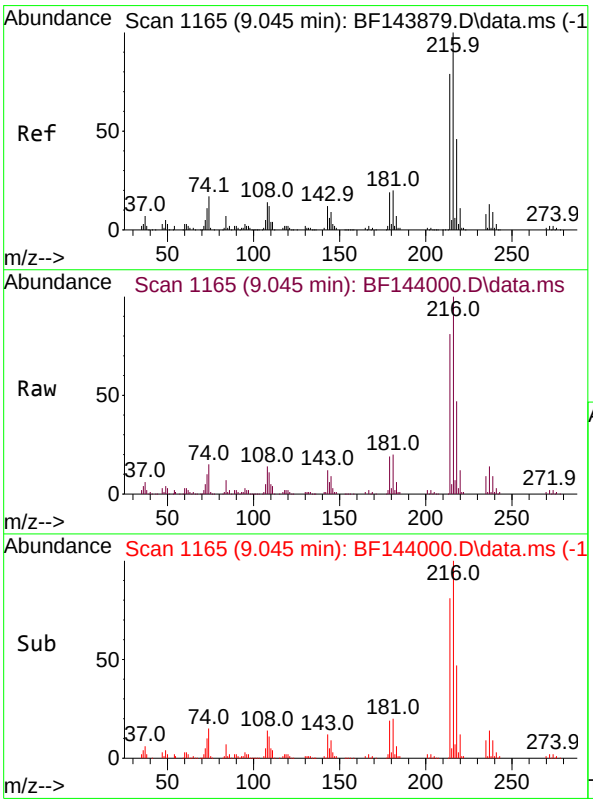
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1
Delta R.T. -0.005 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

Tgt Ion:164 Resp: 200713

Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.2	120.2
160	43.7	35.4	53.0

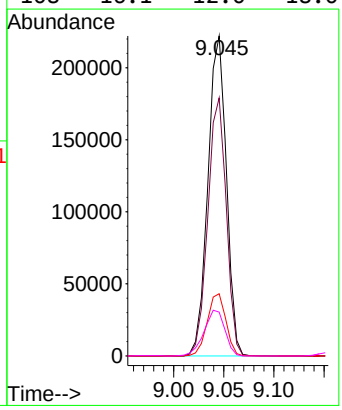


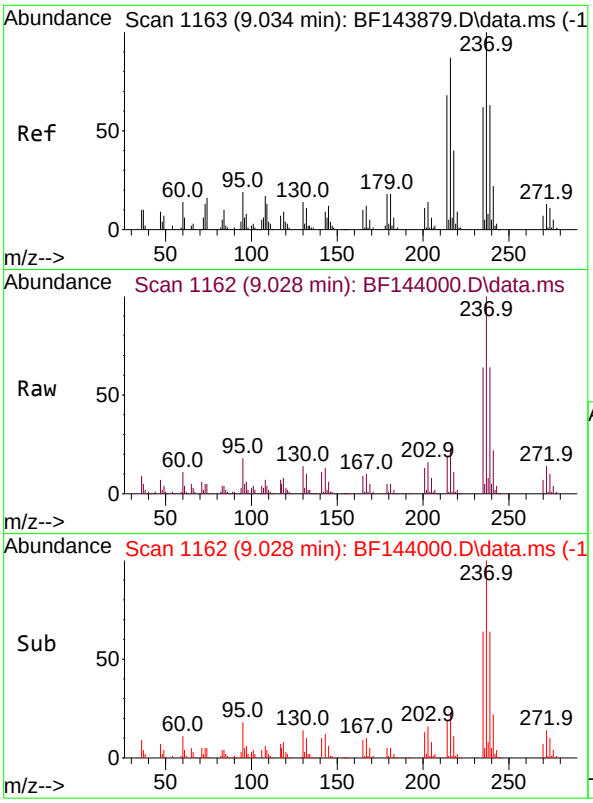


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.276 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion:216 Resp: 284451

Ion	Ratio	Lower	Upper
216	100		
214	80.5	62.6	94.0
179	19.6	15.4	23.0
108	16.1	12.0	18.0



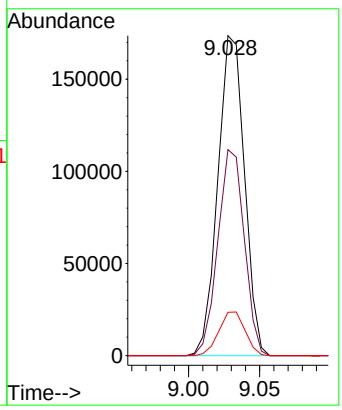


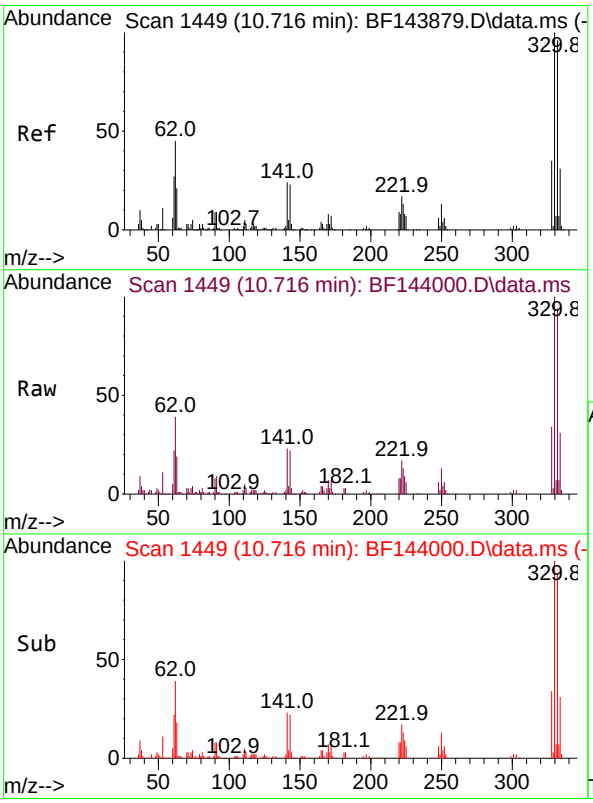
#41
Hexachlorocyclopentadiene
Concen: 98.605 ng
RT: 9.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

Tgt Ion:237 Resp: 226930

Ion	Ratio	Lower	Upper
237	100		
235	64.4	42.3	82.3
272	13.5	0.0	33.1

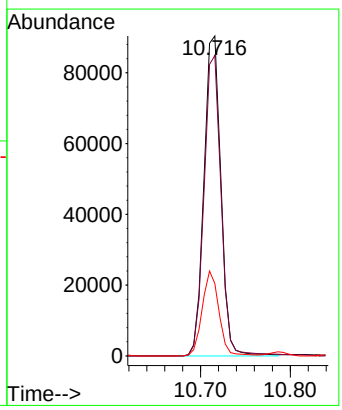


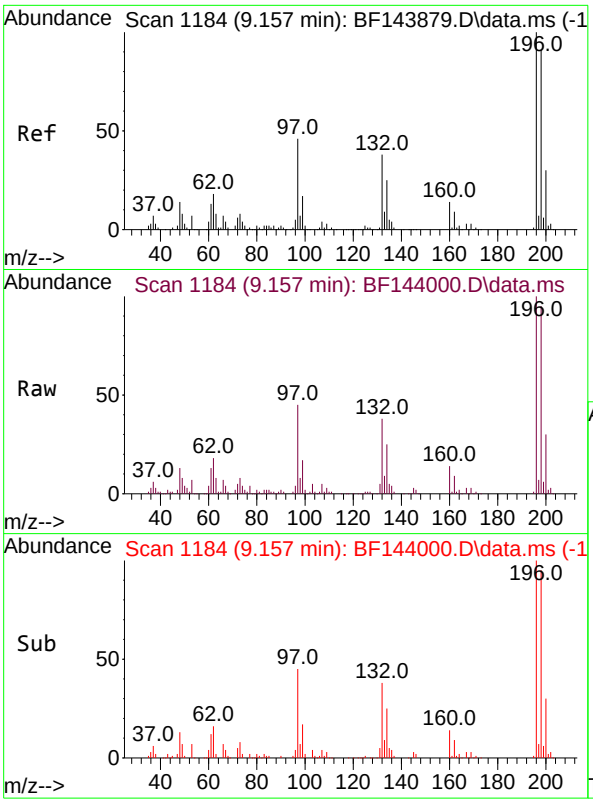


#42
2,4,6-Tribromophenol
Concen: 59.505 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion:330 Resp: 118959

Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.9	115.3
141	26.1	20.2	30.4



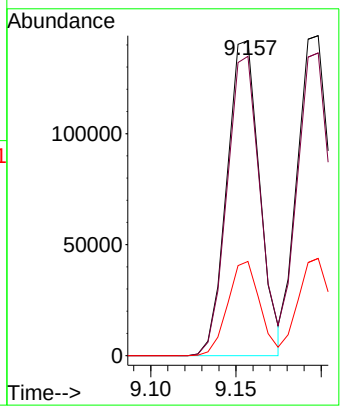


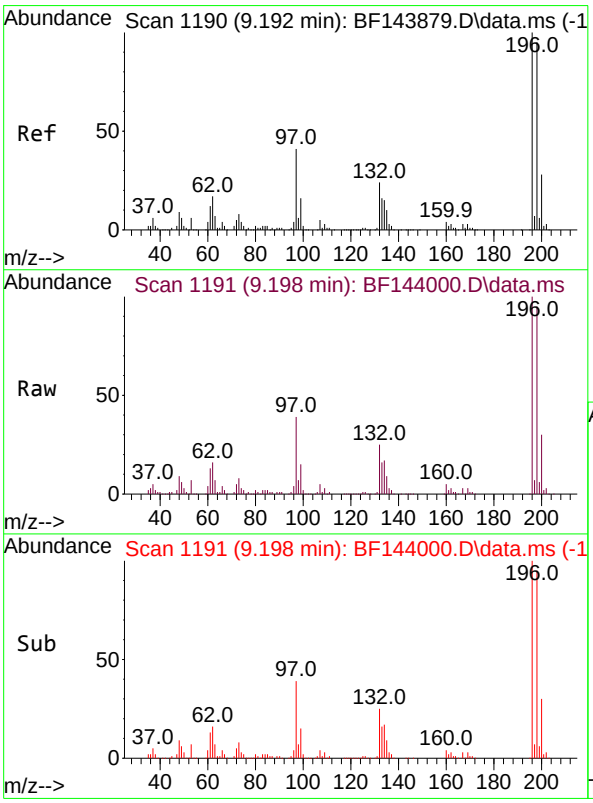
#43
2,4,6-Trichlorophenol
Concen: 46.890 ng
RT: 9.157 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

Tgt Ion:196 Resp: 190058

Ion	Ratio	Lower	Upper
196	100		
198	95.0	72.8	109.2
200	29.9	24.0	36.0

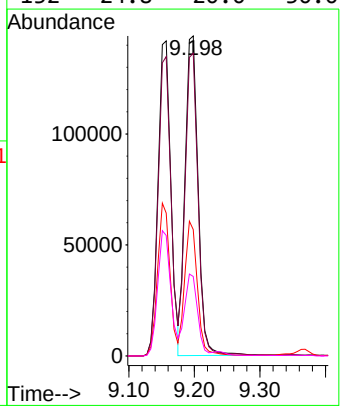


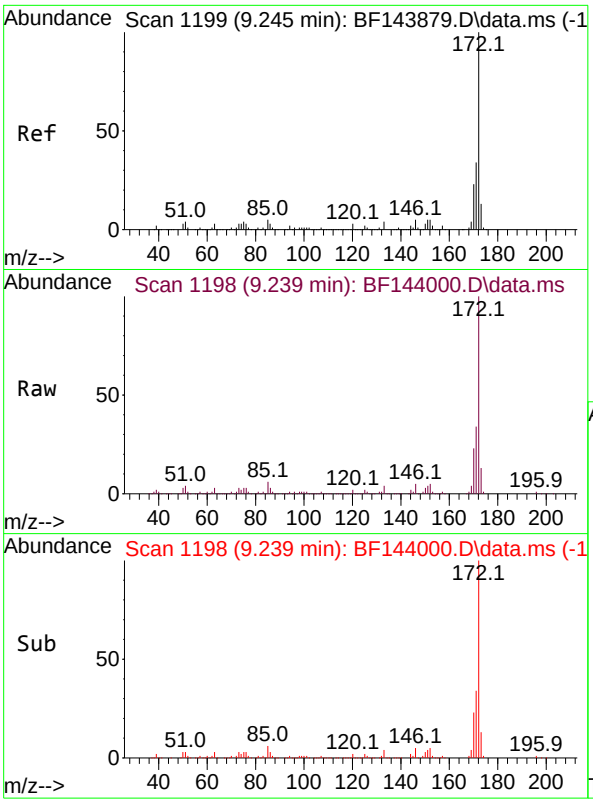


#44
2,4,5-Trichlorophenol
Concen: 46.753 ng
RT: 9.198 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion:196 Resp: 200259

Ion	Ratio	Lower	Upper
196	100		
198	94.6	75.5	113.3
97	39.5	33.9	50.9
132	24.8	20.0	30.0



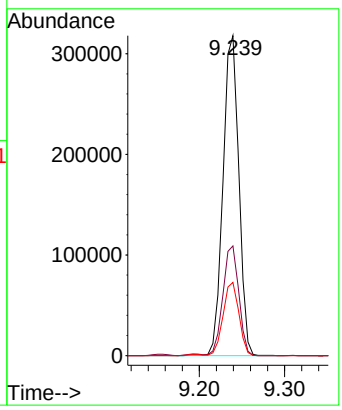


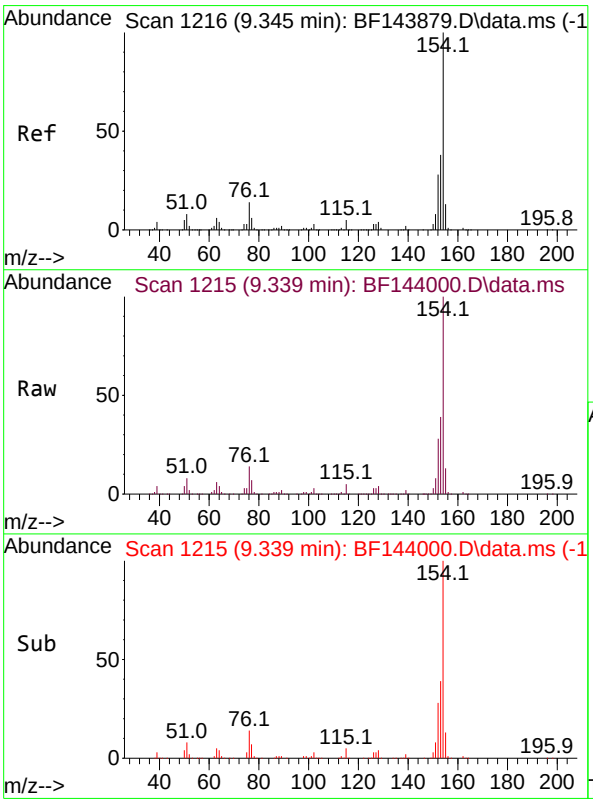
#45
2-Fluorobiphenyl
Concen: 32.402 ng
RT: 9.239 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

Tgt Ion:172 Resp: 409869

Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.4	41.0
170	22.9	18.6	28.0

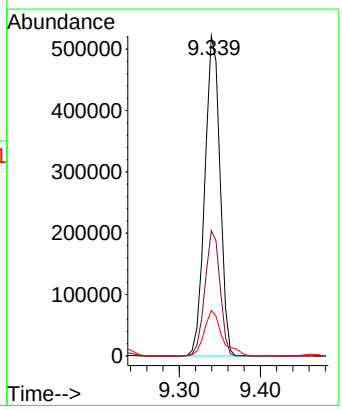


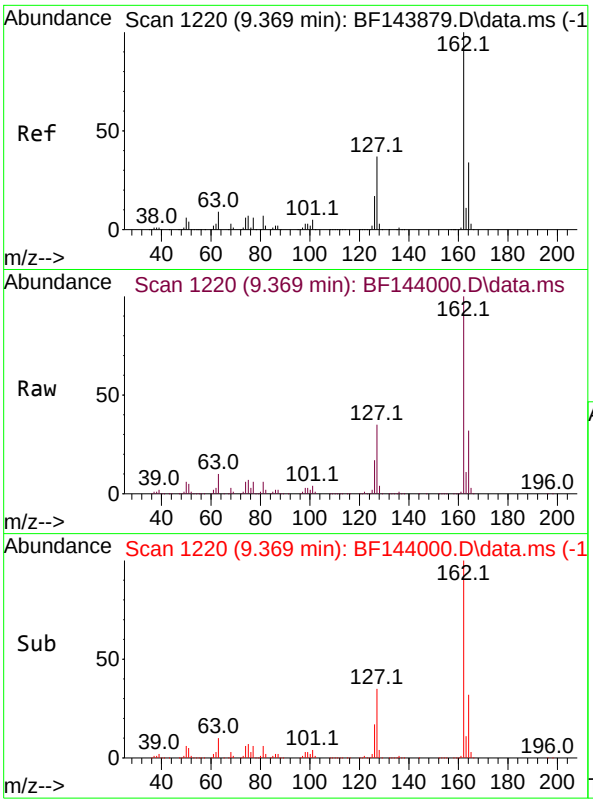


#46
1,1'-Biphenyl
Concen: 51.087 ng
RT: 9.339 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion:154 Resp: 678896

Ion	Ratio	Lower	Upper
154	100		
153	39.1	18.4	58.4
76	14.2	0.0	34.0



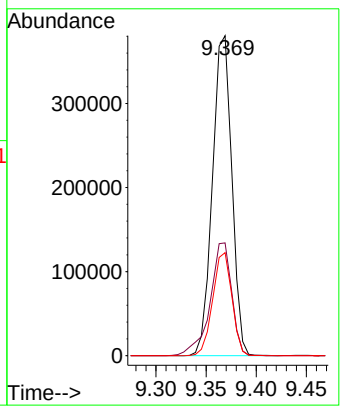


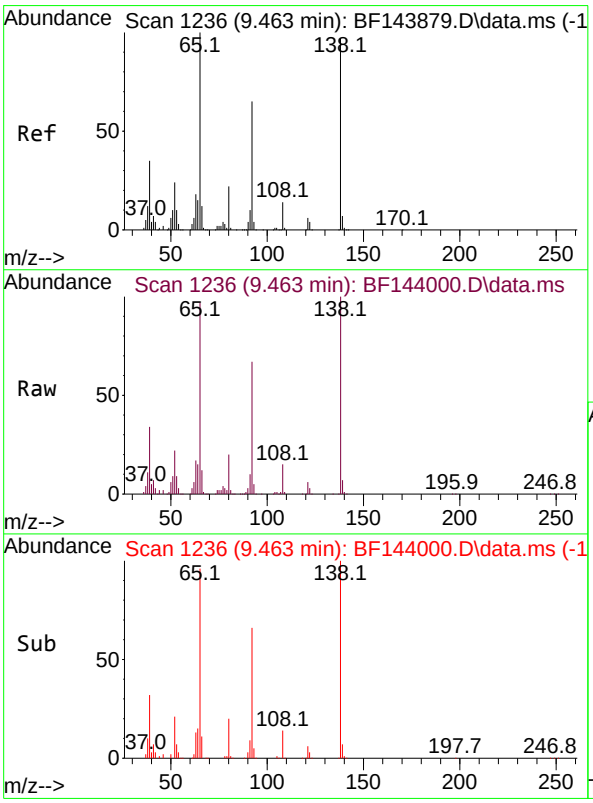
#47
2-Chloronaphthalene
Concen: 46.276 ng
RT: 9.369 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

Tgt Ion:162 Resp: 512730

Ion	Ratio	Lower	Upper
162	100		
127	35.2	30.2	45.2
164	32.2	26.9	40.3

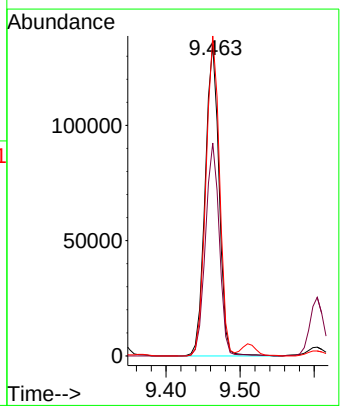


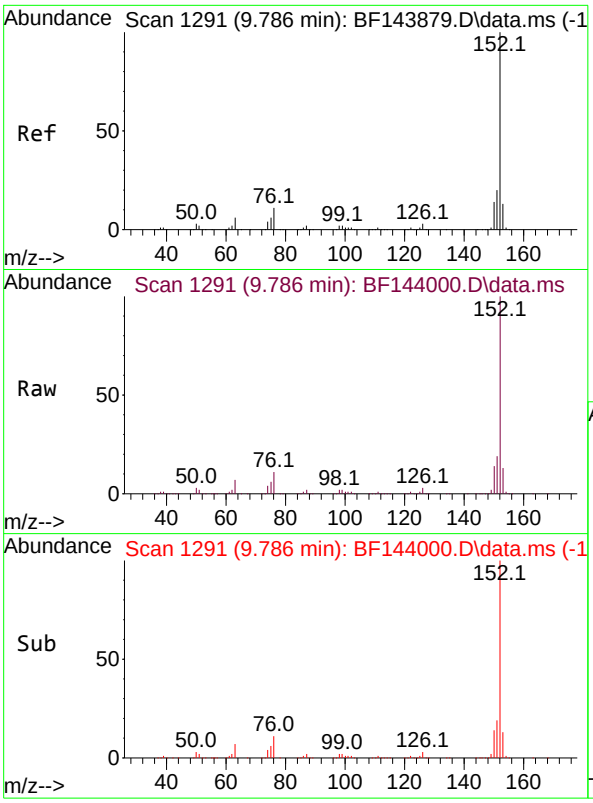


#48
2-Nitroaniline
Concen: 50.193 ng
RT: 9.463 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion: 65 Resp: 175824

Ion	Ratio	Lower	Upper
65	100		
92	68.4	52.1	78.1
138	102.7	77.4	116.2



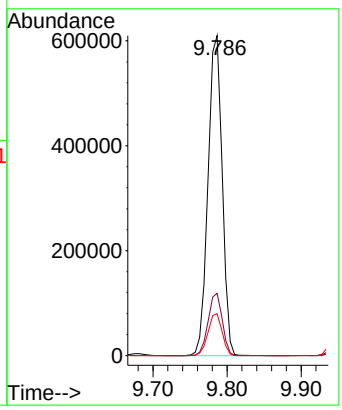


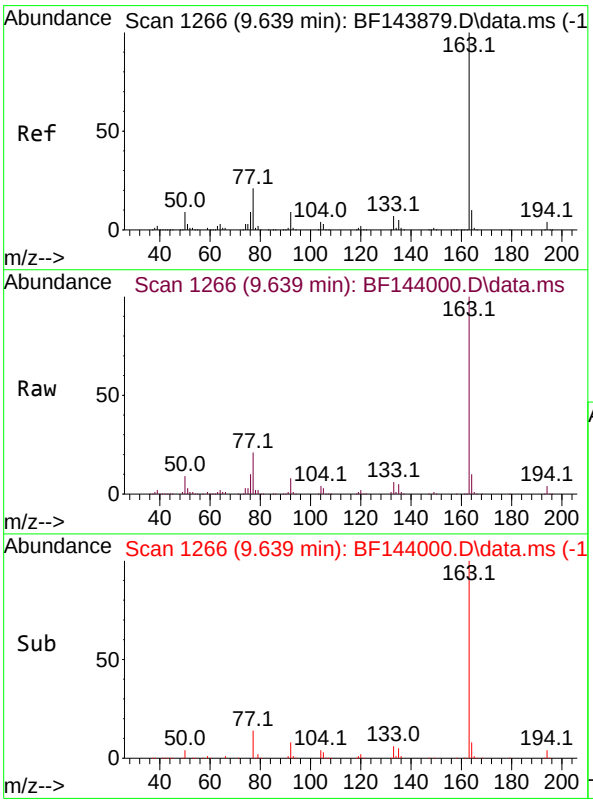
#49
Acenaphthylene
Concen: 51.961 ng
RT: 9.786 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

Tgt Ion:152 Resp: 809376

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.6
153	13.1	10.5	15.7

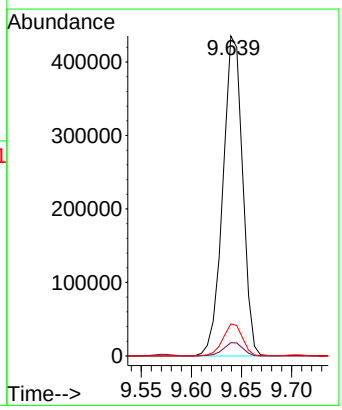


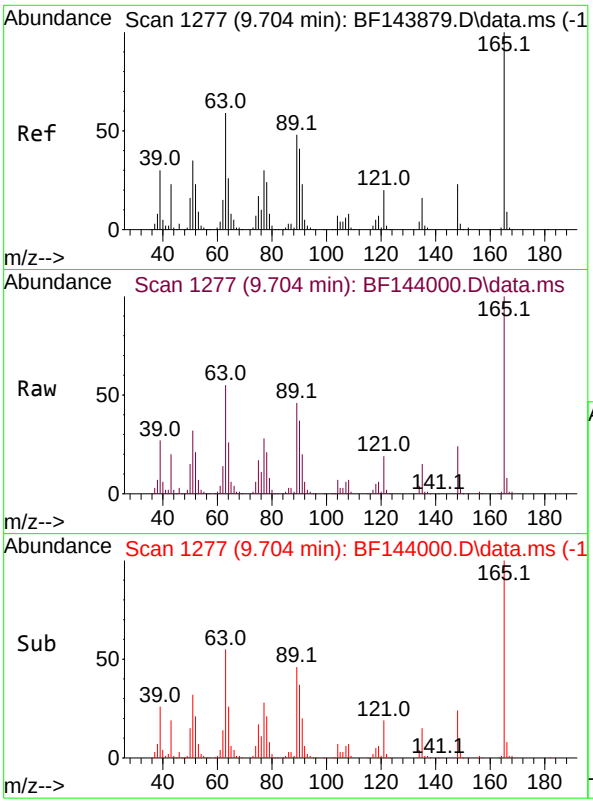


#50
Dimethylphthalate
Concen: 46.876 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion:163 Resp: 597488

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.0	8.1	12.1



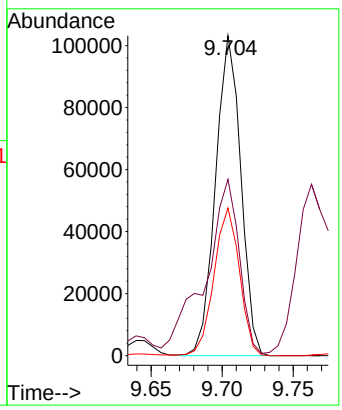


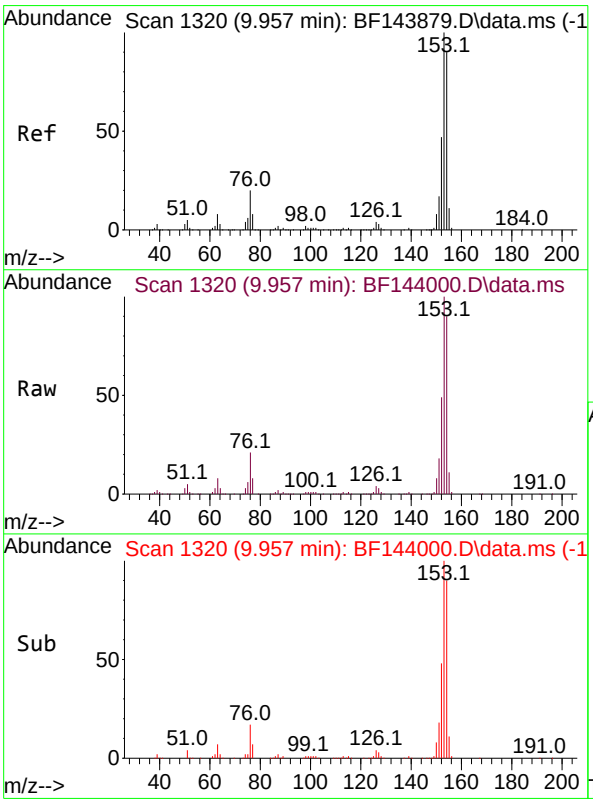
#51
2,6-Dinitrotoluene
Concen: 54.095 ng
RT: 9.704 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

Tgt Ion:165 Resp: 127854

Ion	Ratio	Lower	Upper
165	100		
63	55.1	47.3	70.9
89	46.1	38.2	57.4

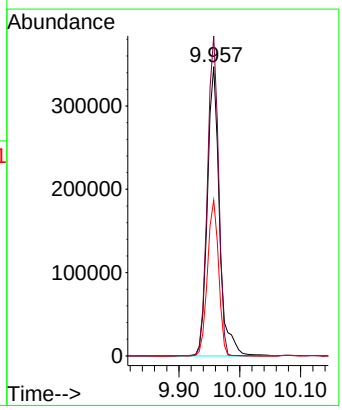


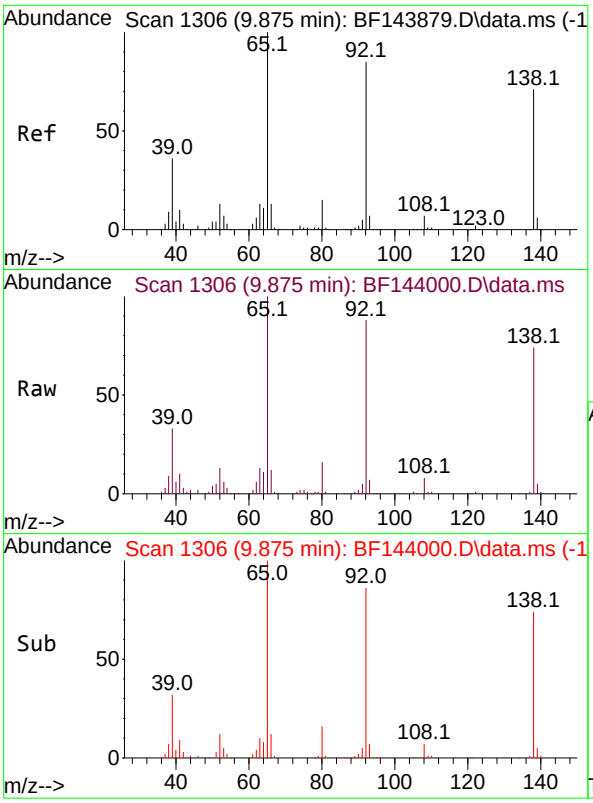


#52
Acenaphthene
Concen: 46.884 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion:154 Resp: 478527

Ion	Ratio	Lower	Upper
154	100		
153	110.7	89.3	133.9
152	53.9	42.2	63.2



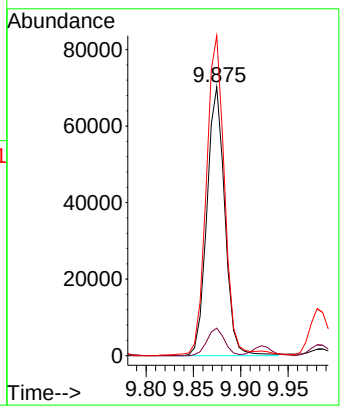


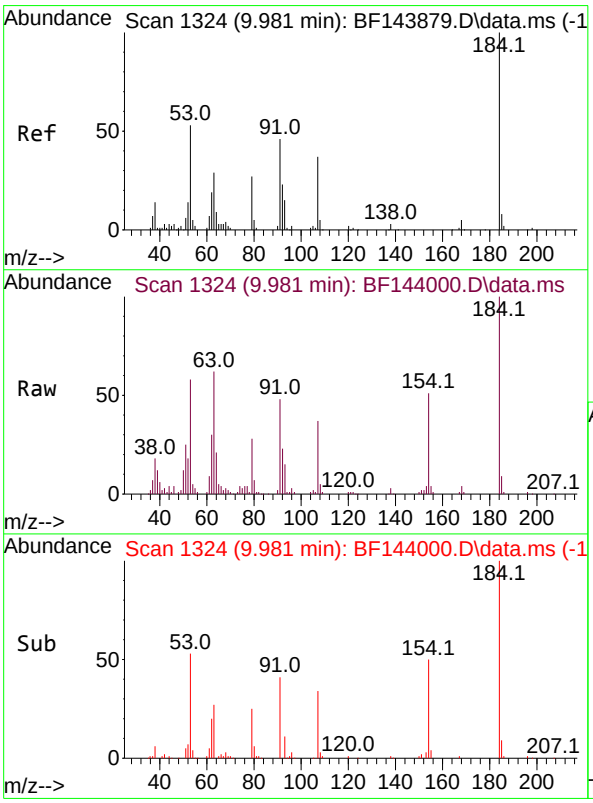
#53
3-Nitroaniline
Concen: 31.894 ng
RT: 9.875 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

Tgt Ion:138 Resp: 92302

Ion	Ratio	Lower	Upper
138	100		
108	10.2	8.3	12.5
92	119.1	96.2	144.2

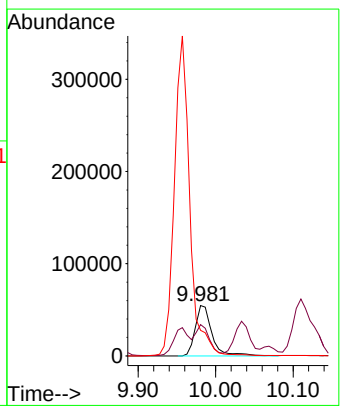


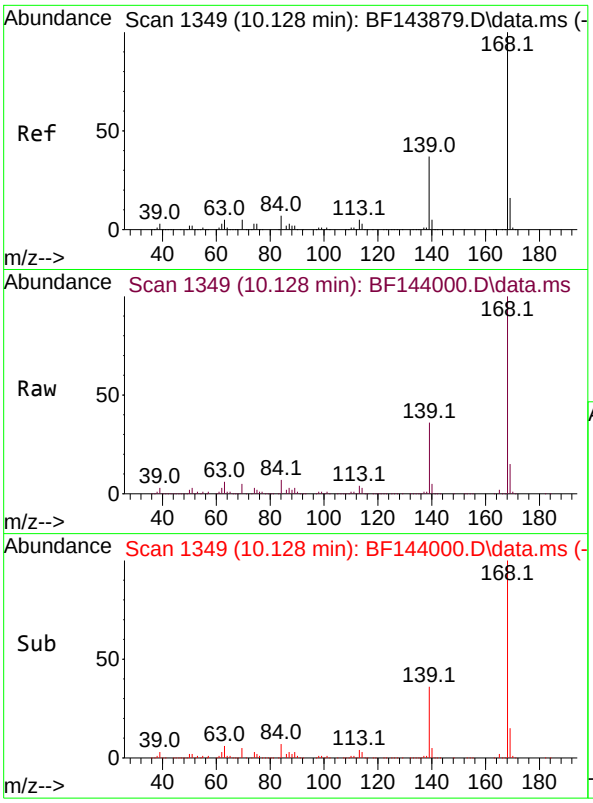


#54
2,4-Dinitrophenol
Concen: 58.200 ng
RT: 9.981 min Scan# 1324
Delta R.T. -0.005 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion:184 Resp: 81830

Ion	Ratio	Lower	Upper
184	100		
63	62.3	48.2	72.4
154	50.8	49.2	73.8



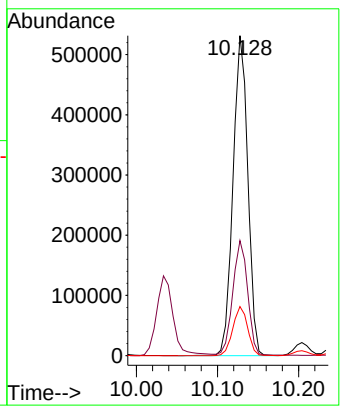


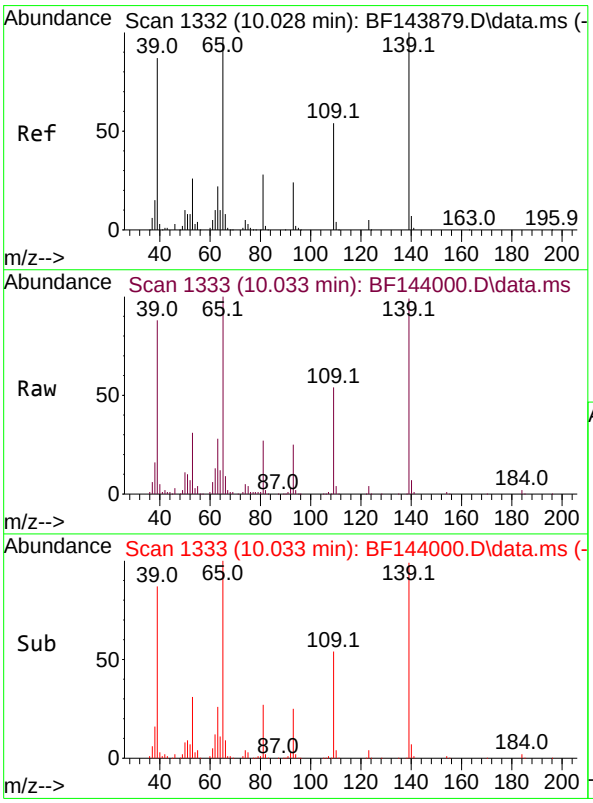
#55
Dibenzofuran
Concen: 46.912 ng
RT: 10.128 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

Tgt Ion:168 Resp: 675911

Ion	Ratio	Lower	Upper
168	100		
139	35.9	29.8	44.8
169	15.4	12.8	19.2

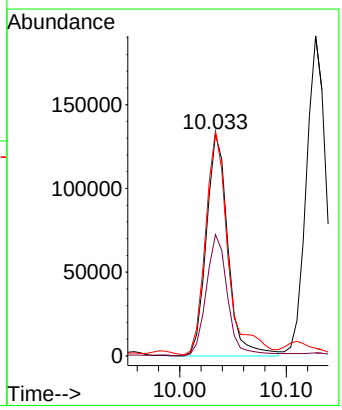


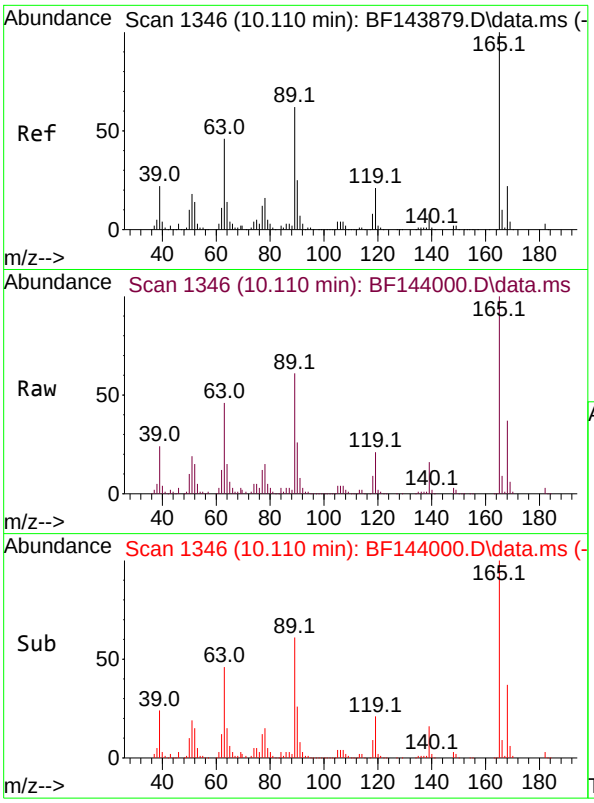


#56
4-Nitrophenol
Concen: 85.060 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion:139 Resp: 186388

Ion	Ratio	Lower	Upper
139	100		
109	54.6	34.5	74.5
65	101.4	77.6	117.6



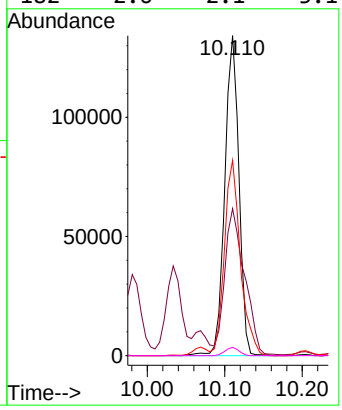


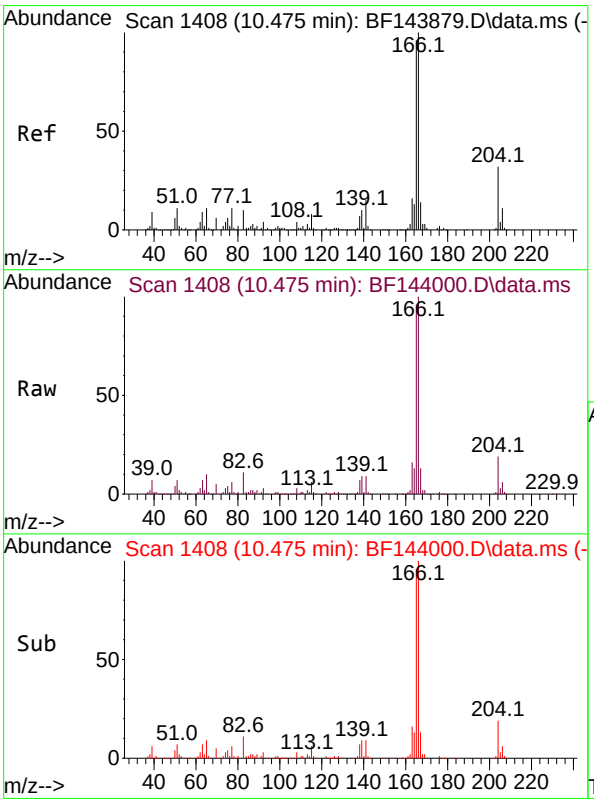
#57
2,4-Dinitrotoluene
Concen: 52.914 ng
RT: 10.110 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

Tgt Ion:165 Resp: 170165

Ion	Ratio	Lower	Upper
165	100		
63	45.9	37.2	55.8
89	61.0	49.4	74.2
182	2.6	2.1	3.1

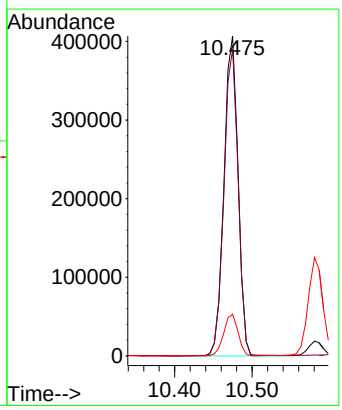


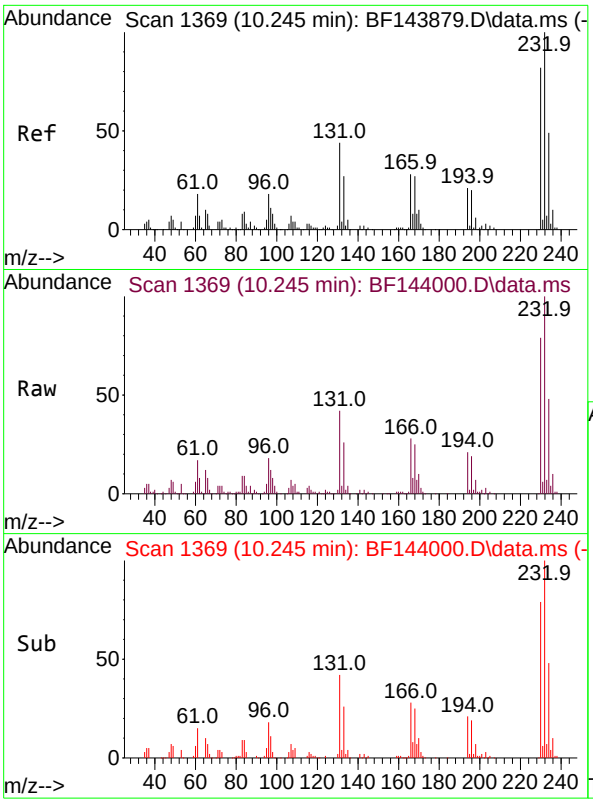


#58
Fluorene
Concen: 47.503 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion:166 Resp: 516441

Ion	Ratio	Lower	Upper
166	100		
165	95.9	77.0	115.6
167	13.0	11.1	16.7



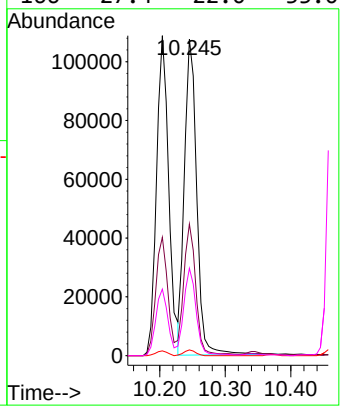


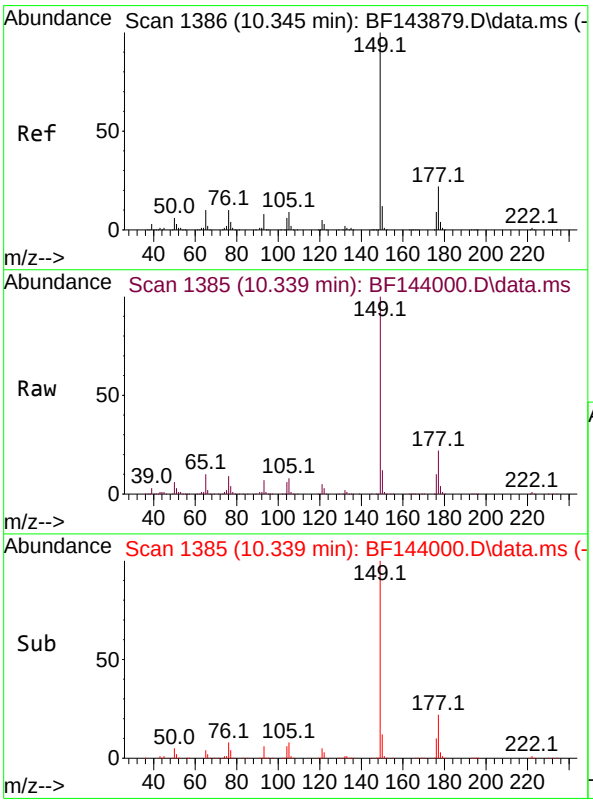
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.581 ng
RT: 10.245 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

Tgt Ion:232 Resp: 141238

Ion	Ratio	Lower	Upper
232	100		
131	41.4	34.9	52.3
130	1.7	1.6	2.4
166	27.4	22.0	33.0

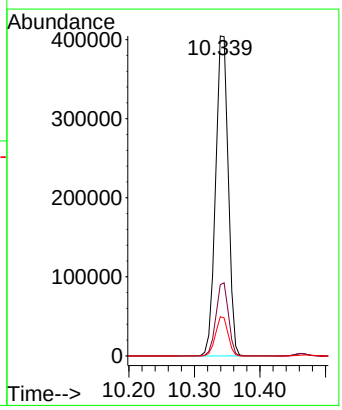


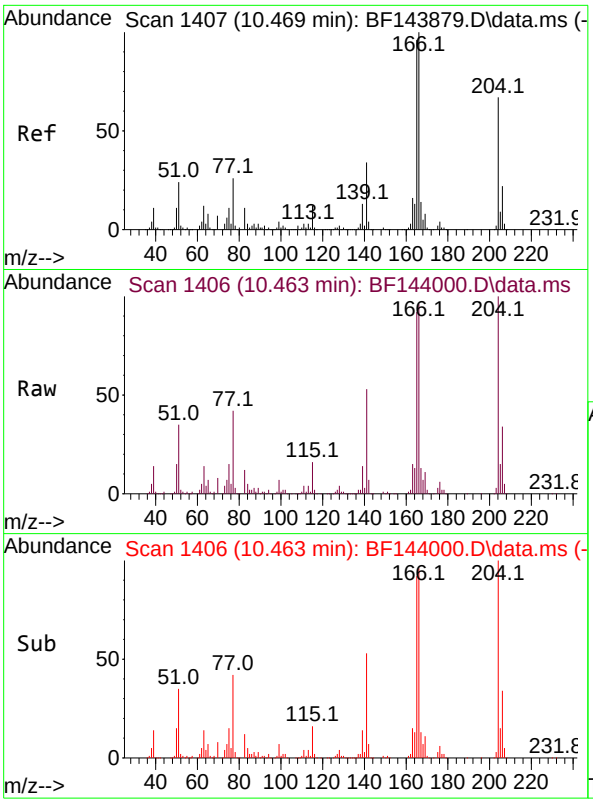


#60
Diethylphthalate
Concen: 45.909 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.012 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion:149 Resp: 543627

Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.9	26.9
150	12.2	9.8	14.8



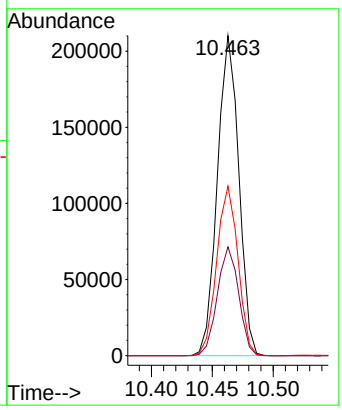


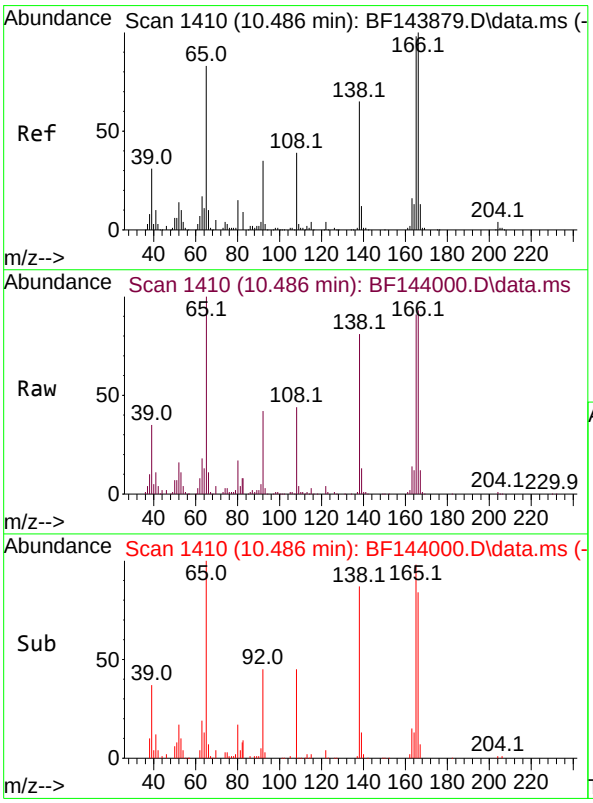
#61
4-Chlorophenyl-phenylether
Concen: 44.744 ng
RT: 10.463 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

Tgt Ion:204 Resp: 257179

Ion	Ratio	Lower	Upper
204	100		
206	34.0	26.6	40.0
141	52.9	40.4	60.6

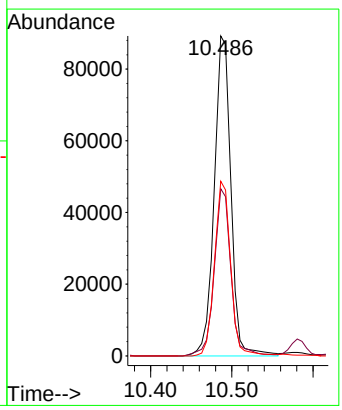


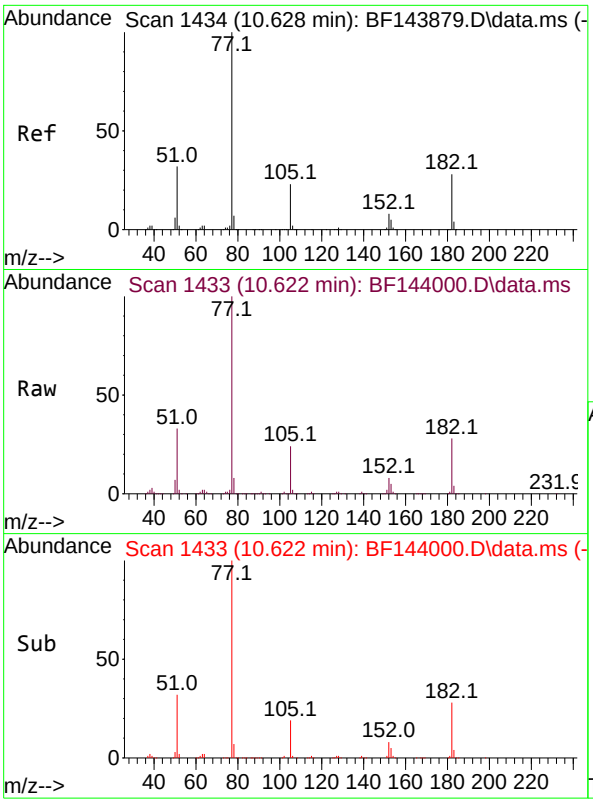


#62
4-Nitroaniline
Concen: 45.917 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.023 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion:138 Resp: 127786

Ion	Ratio	Lower	Upper
138	100		
92	52.2	33.9	73.9
108	54.6	40.2	80.2



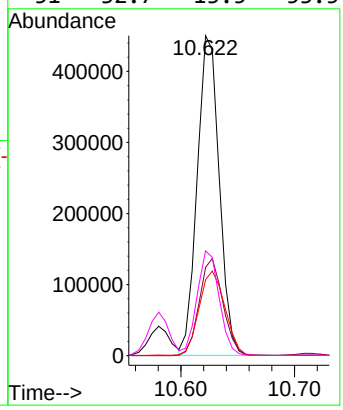


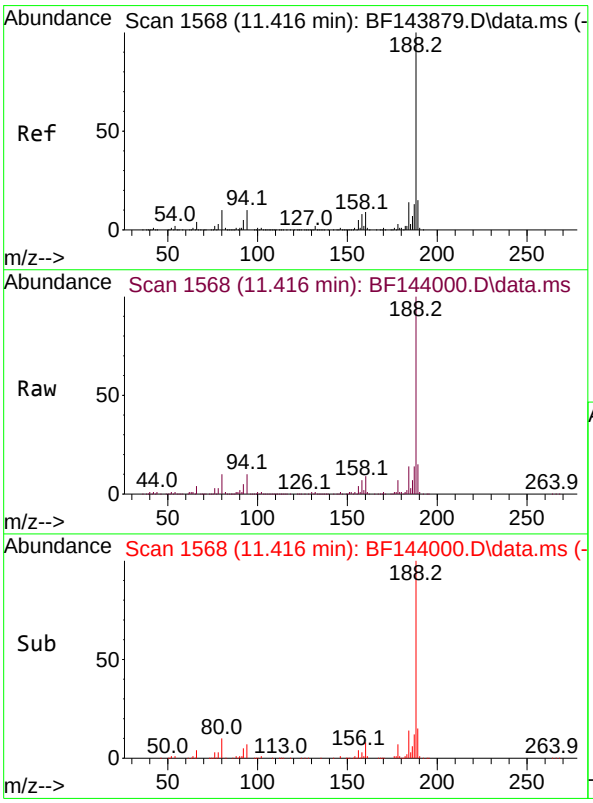
#63
Azobenzene
Concen: 49.044 ng
RT: 10.622 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

Tgt Ion: 77 Resp: 606952

Ion	Ratio	Lower	Upper
77	100		
182	27.6	7.3	47.3
105	23.7	3.0	43.0
51	32.7	13.5	53.5

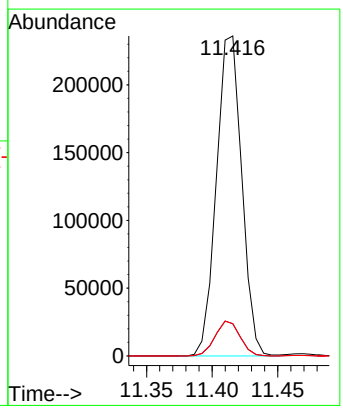


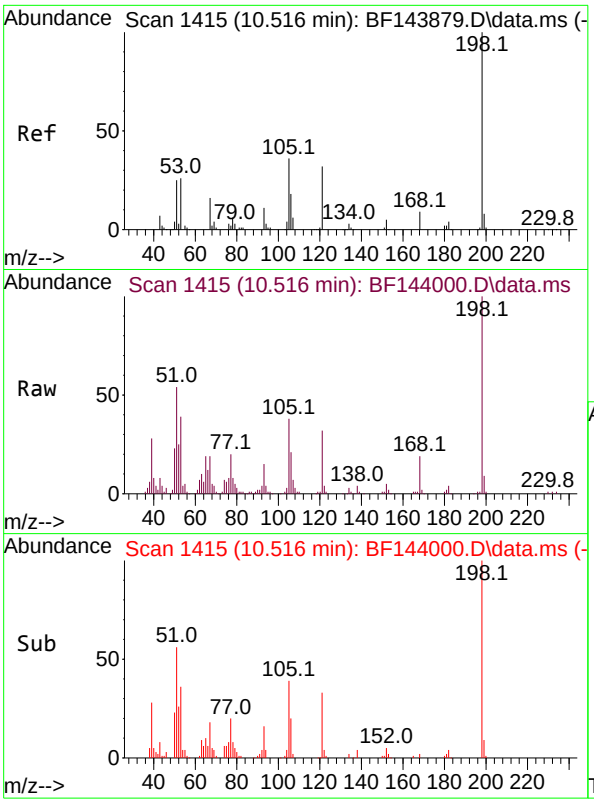


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion:188 Resp: 318387

Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.8	11.6
80	10.1	7.9	11.9



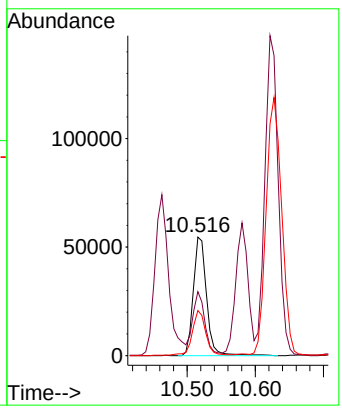


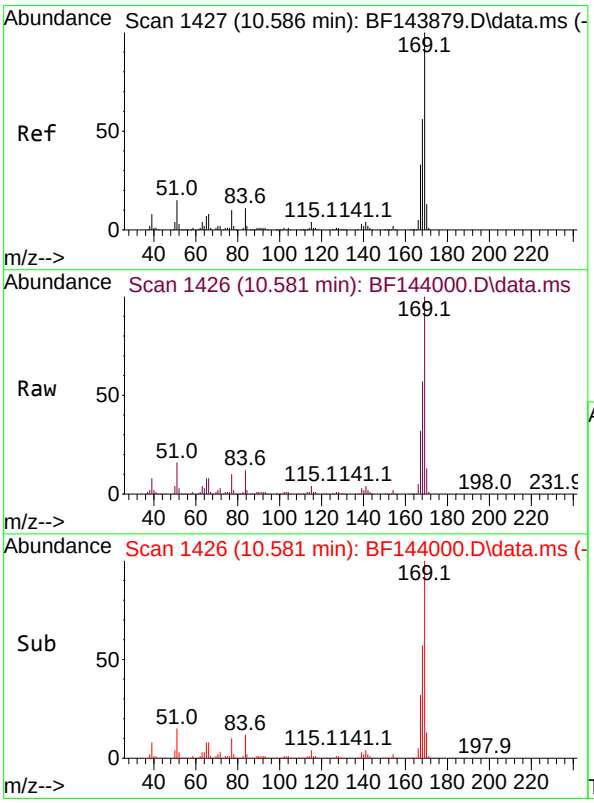
#65
4,6-Dinitro-2-methylphenol
Concen: 45.976 ng
RT: 10.516 min Scan# 14
Delta R.T. -0.018 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

Tgt Ion:198 Resp: 73561

Ion	Ratio	Lower	Upper
198	100		
51	53.9	33.8	73.8
105	38.0	17.0	57.0

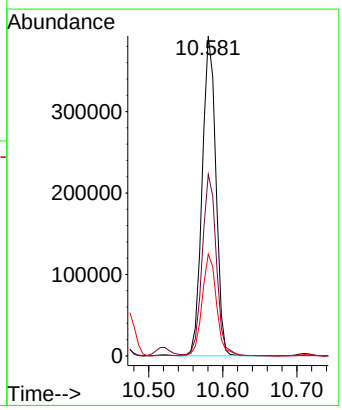


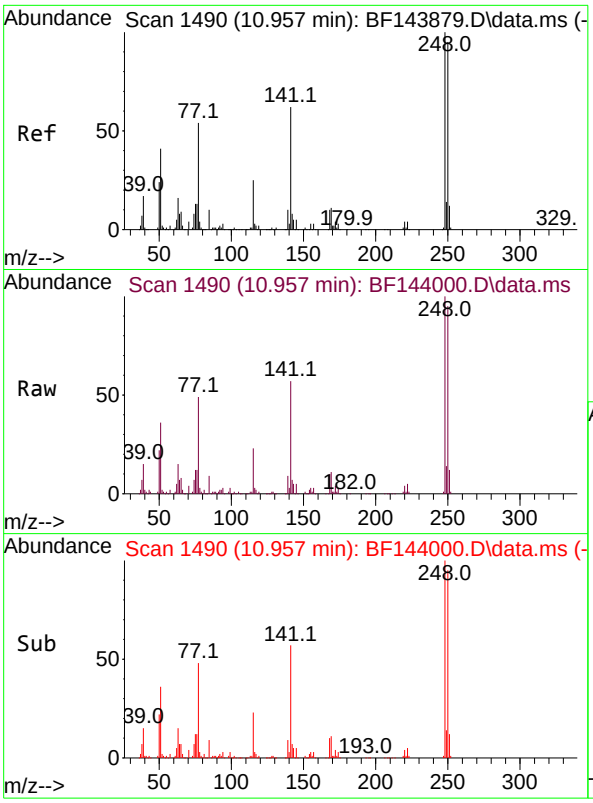


#66
n-Nitrosodiphenylamine
Concen: 50.200 ng
RT: 10.581 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion:169 Resp: 501852

Ion	Ratio	Lower	Upper
169	100		
168	56.7	44.9	67.3
167	31.8	26.3	39.5



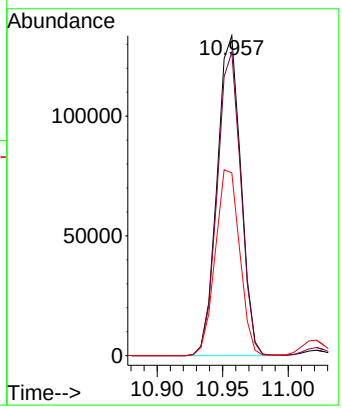


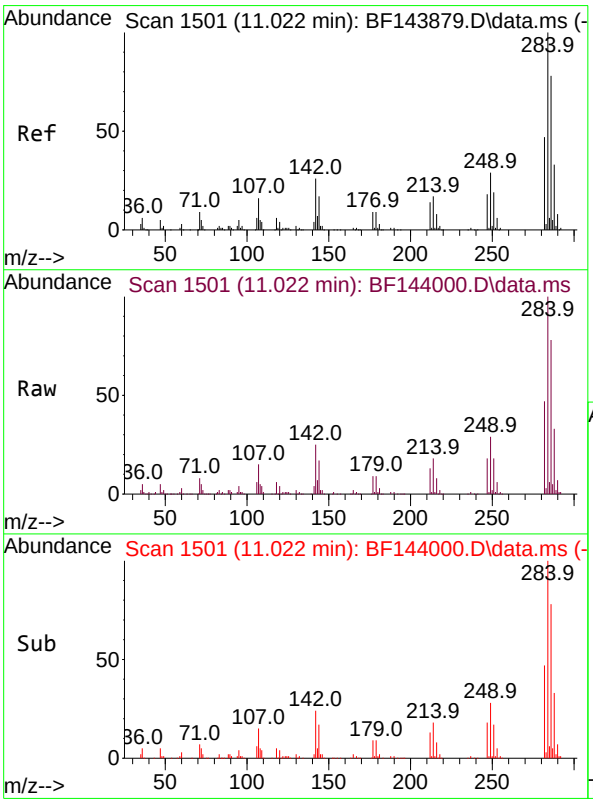
#67
4-Bromophenyl-phenylether
Concen: 47.892 ng
RT: 10.957 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

Tgt Ion:248 Resp: 168517

Ion	Ratio	Lower	Upper
248	100		
250	94.8	76.3	114.5
141	57.1	49.7	74.5

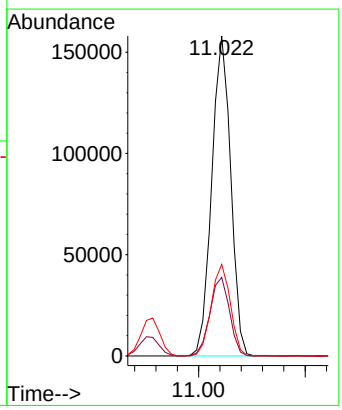


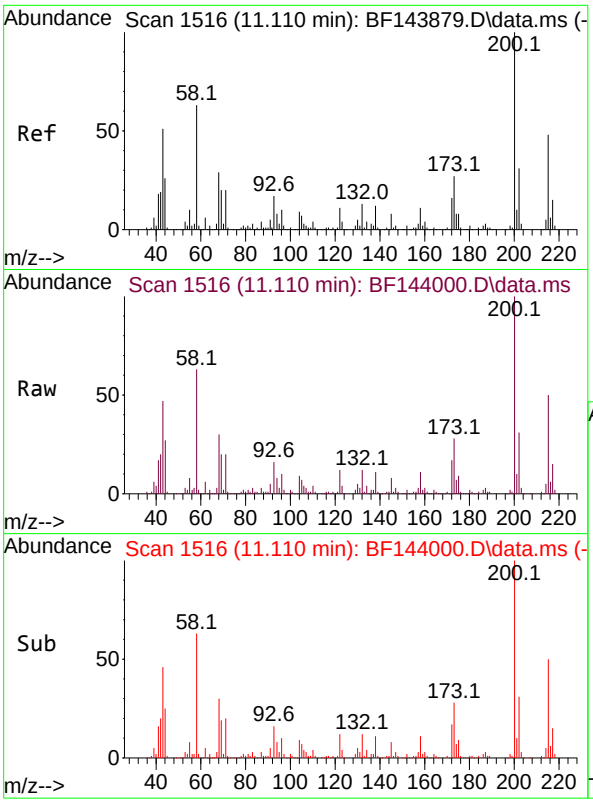


#68
Hexachlorobenzene
Concen: 48.006 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion:284 Resp: 195558

Ion	Ratio	Lower	Upper
284	100		
142	24.5	20.6	30.8
249	28.6	23.2	34.8



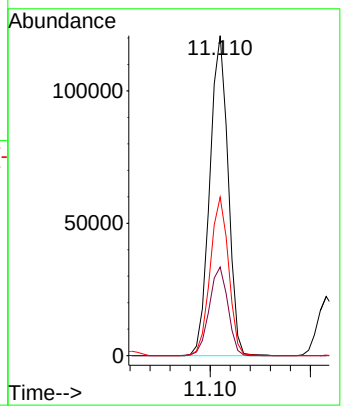


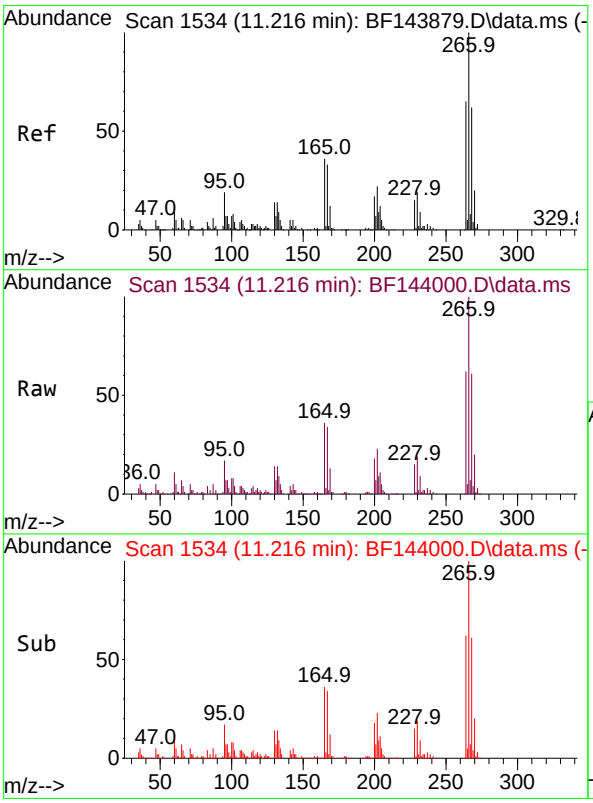
#69
Atrazine
Concen: 50.440 ng
RT: 11.110 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

Tgt Ion:200 Resp: 152836

Ion	Ratio	Lower	Upper
200	100		
173	27.7	7.0	47.0
215	49.5	27.8	67.8

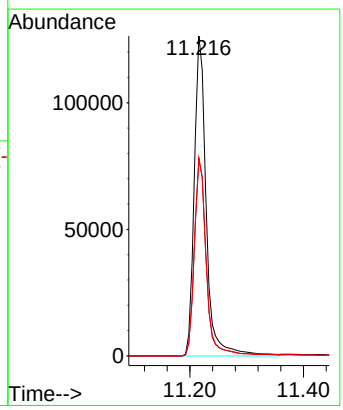


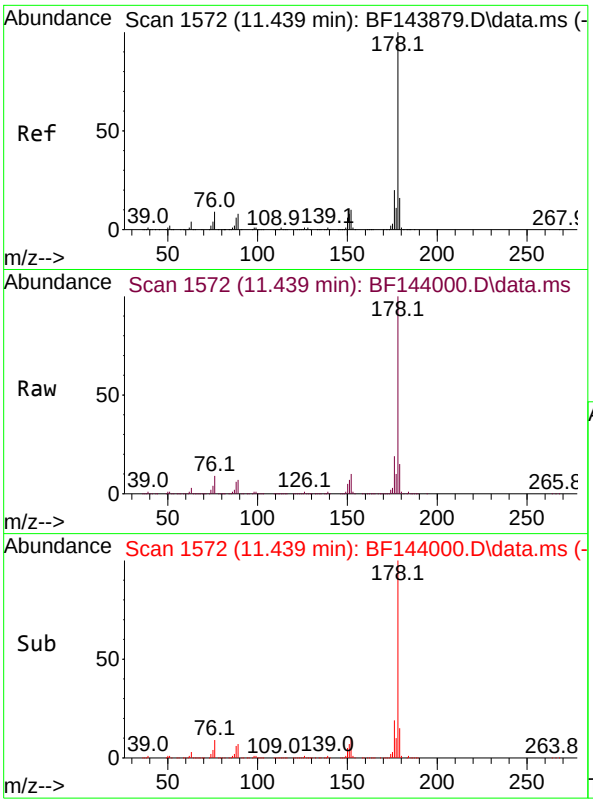


#70
Pentachlorophenol
Concen: 78.967 ng
RT: 11.216 min Scan# 1534
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion:266 Resp: 184749

Ion	Ratio	Lower	Upper
266	100		
268	61.4	49.4	74.0
264	61.9	51.8	77.6



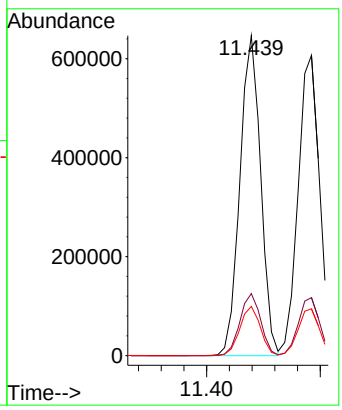


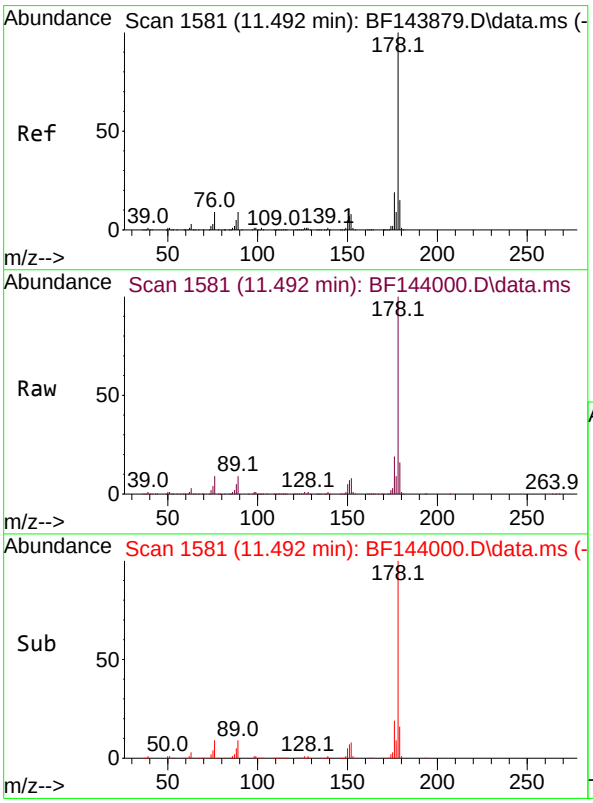
#71
Phenanthrene
Concen: 53.056 ng
RT: 11.439 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

Tgt Ion:178 Resp: 818952

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	15.4	12.4	18.6

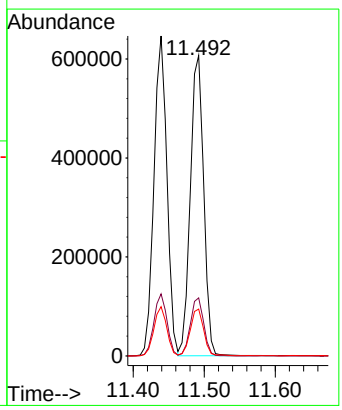


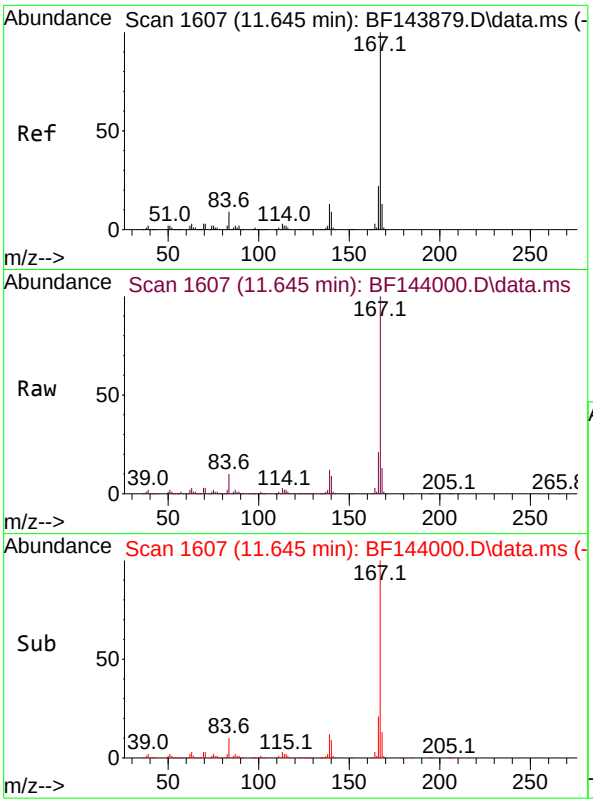


#72
Anthracene
Concen: 51.001 ng
RT: 11.492 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion:178 Resp: 795285

Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.9	22.3
179	15.6	12.2	18.2



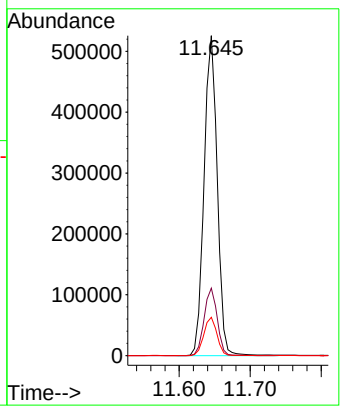


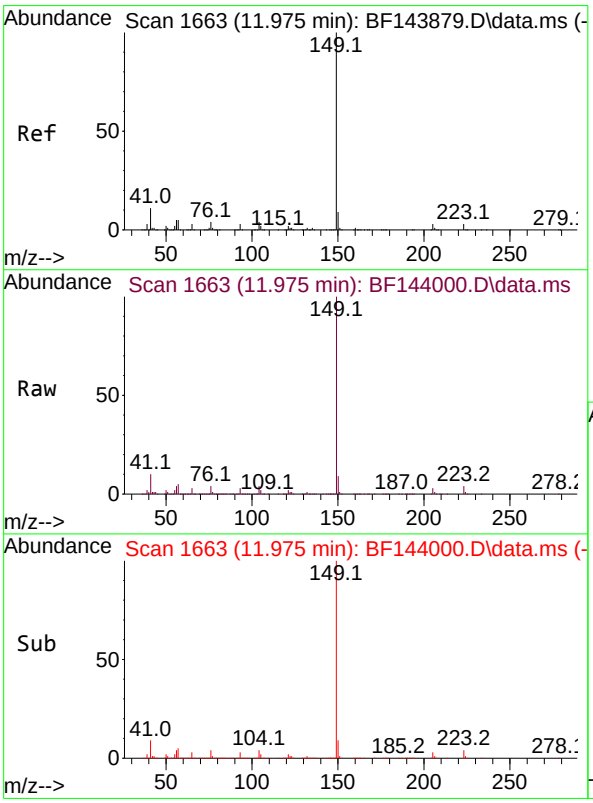
#73
Carbazole
Concen: 48.737 ng
RT: 11.645 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

Tgt Ion:167 Resp: 673083

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.2	25.8
139	12.0	10.1	15.1

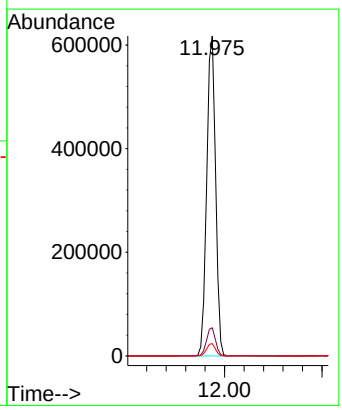


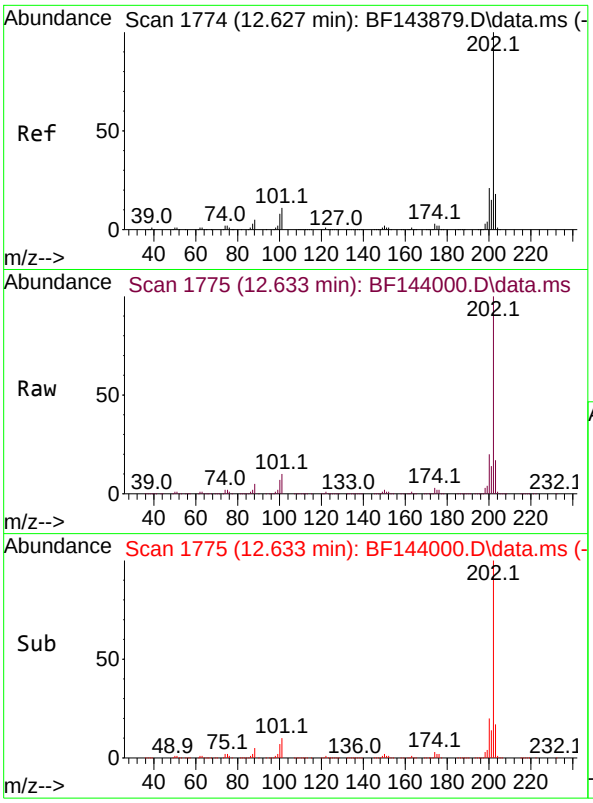


#74
Di-n-butylphthalate
Concen: 49.117 ng
RT: 11.975 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion:149 Resp: 786167

Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.4	11.2
104	3.8	3.4	5.2



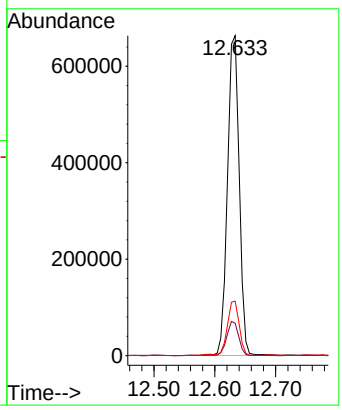


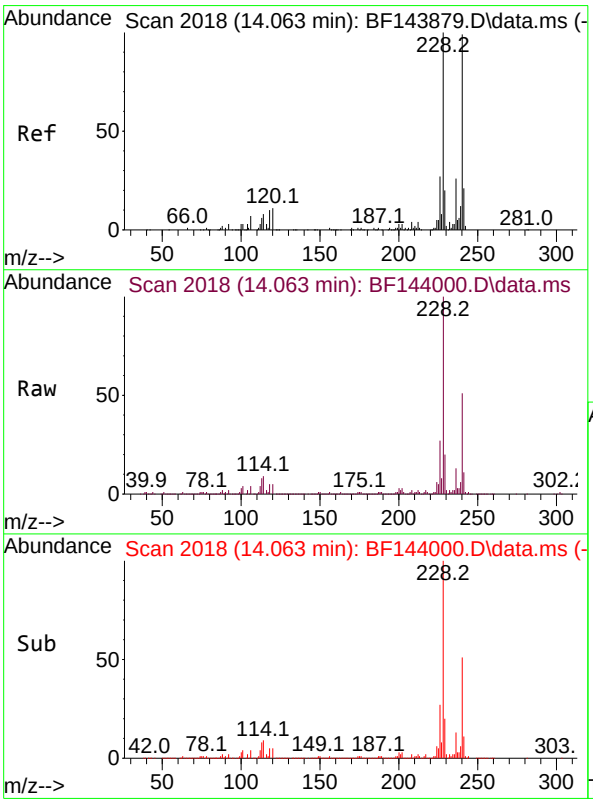
#75
Fluoranthene
Concen: 56.001 ng
RT: 12.633 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

Tgt Ion:202 Resp: 892868

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	30.7
203	17.0	0.0	37.8

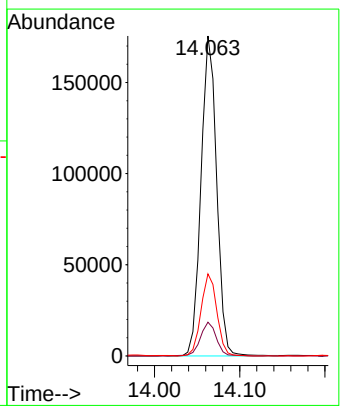


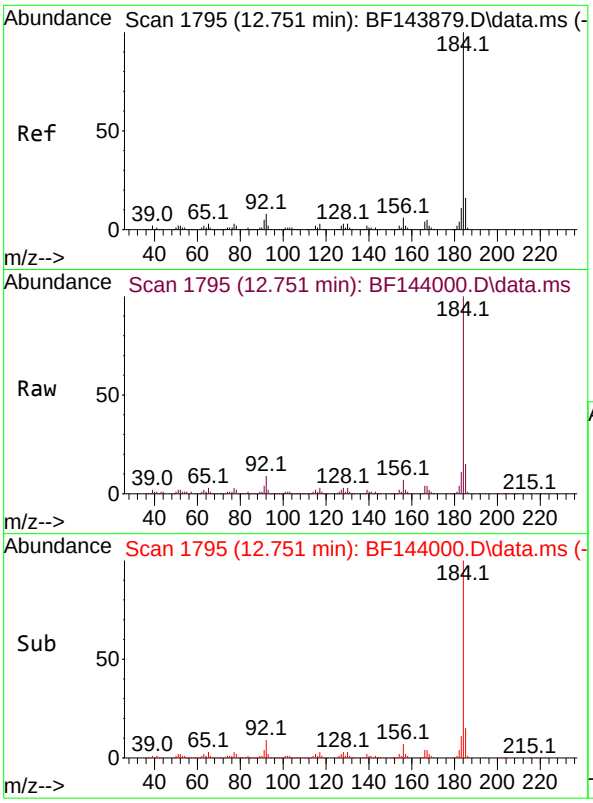


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.005 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion:240 Resp: 223763

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.6	13.0
236	25.6	21.1	31.7



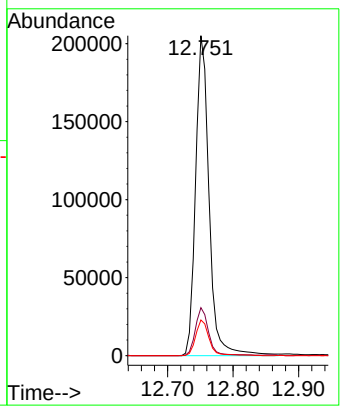


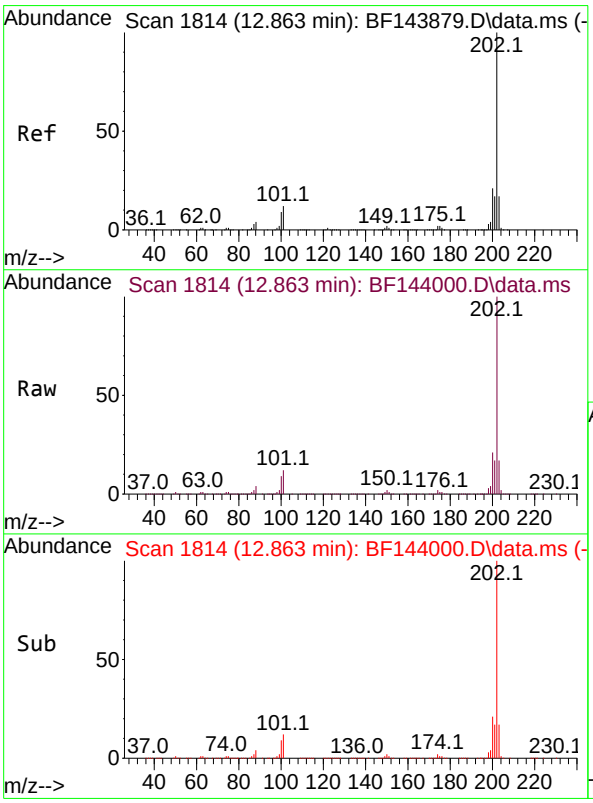
#77
Benzidine
Concen: 37.604 ng
RT: 12.751 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

Tgt Ion:184 Resp: 292169

Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.6	18.8
183	11.1	8.8	13.2

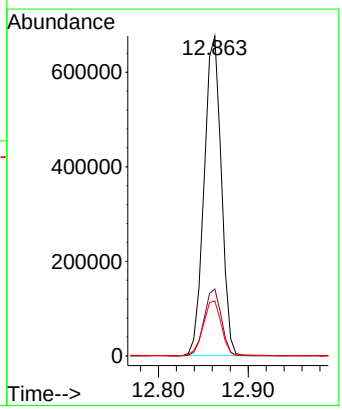


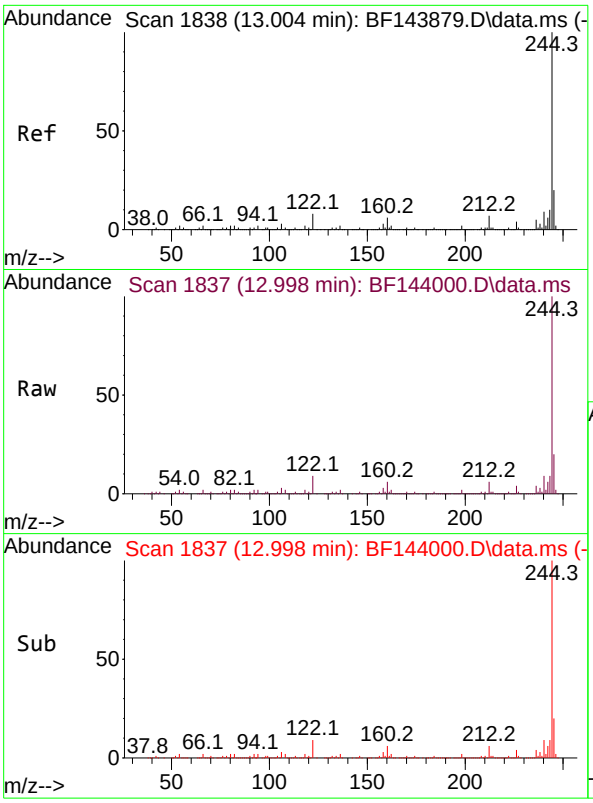


#78
Pyrene
Concen: 48.091 ng
RT: 12.863 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion:202 Resp: 897135

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.0	25.6
203	17.2	13.8	20.6



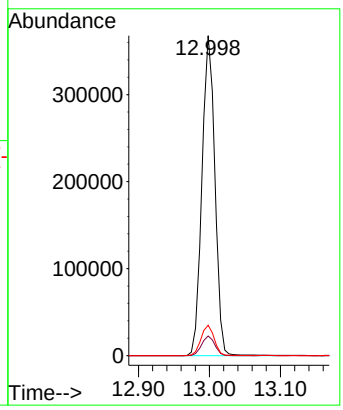


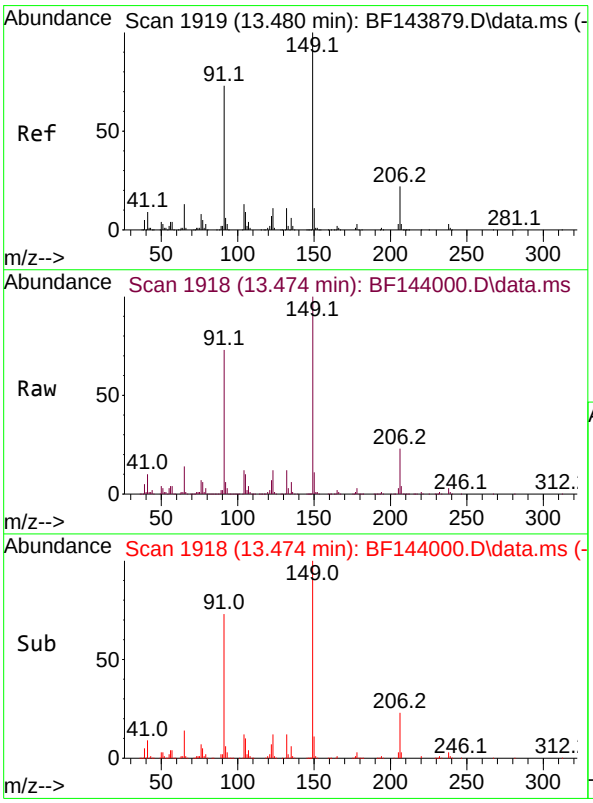
#79
Terphenyl-d14
Concen: 35.356 ng
RT: 12.998 min Scan# 18
Delta R.T. -0.012 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

Tgt Ion:244 Resp: 462900

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.4	8.0
122	9.5	6.4	9.6

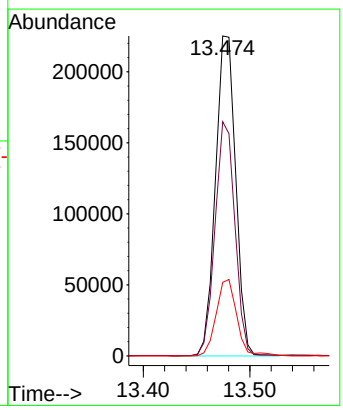


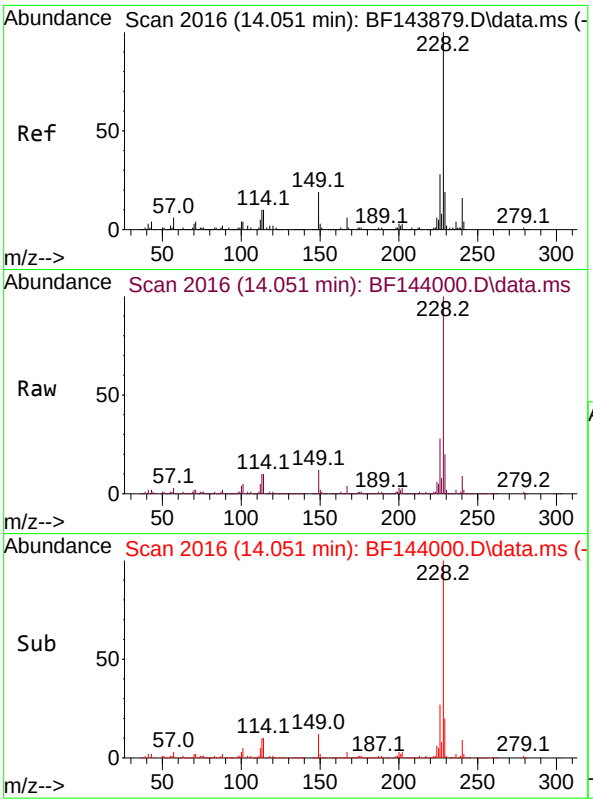


#80
Butylbenzylphthalate
Concen: 49.187 ng
RT: 13.474 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion:149 Resp: 297998

Ion	Ratio	Lower	Upper
149	100		
91	73.2	58.2	87.2
206	23.0	17.9	26.9



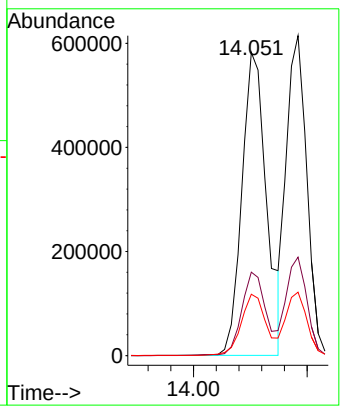


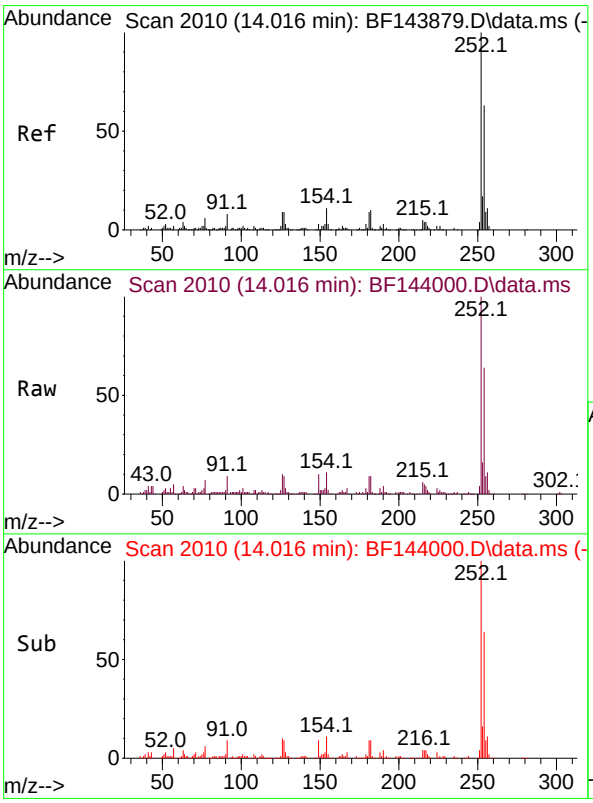
#81
Benzo(a)anthracene
Concen: 59.849 ng
RT: 14.051 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

Tgt Ion:228 Resp: 876380

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.2	33.2
229	20.3	15.6	23.4

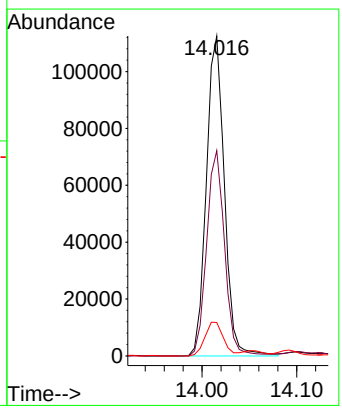


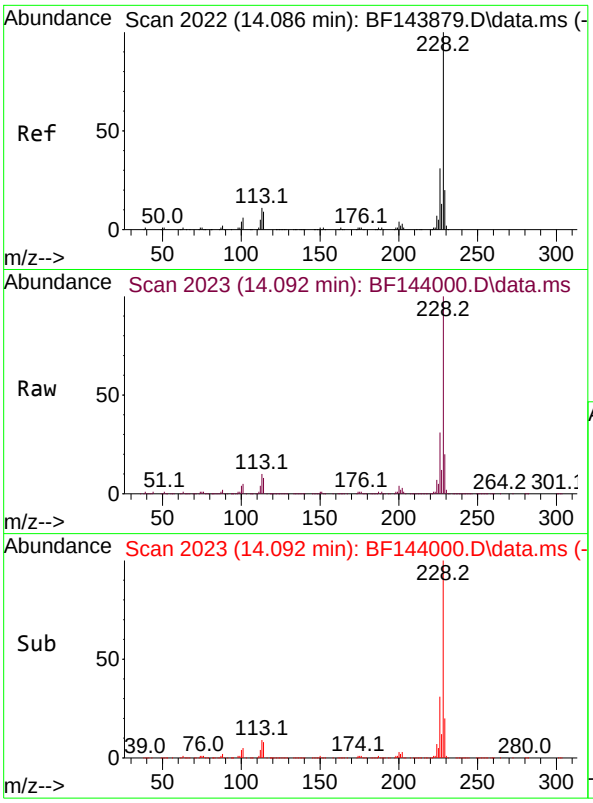


#82
3,3'-Dichlorobenzidine
Concen: 33.370 ng
RT: 14.016 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion:252 Resp: 148913

Ion	Ratio	Lower	Upper
252	100		
254	64.1	50.6	76.0
126	10.4	7.0	10.6



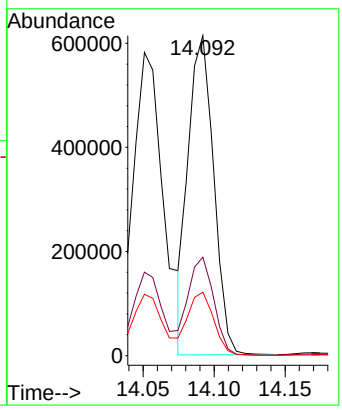


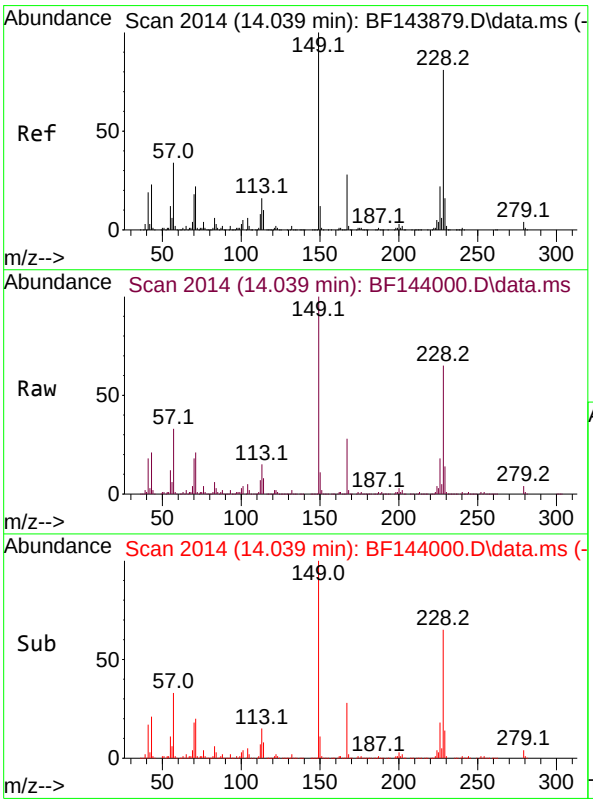
#83
Chrysene
Concen: 56.293 ng
RT: 14.092 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

Tgt Ion:228 Resp: 762919

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.4	36.6
229	19.8	15.9	23.9

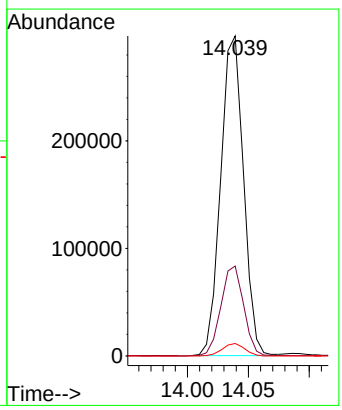


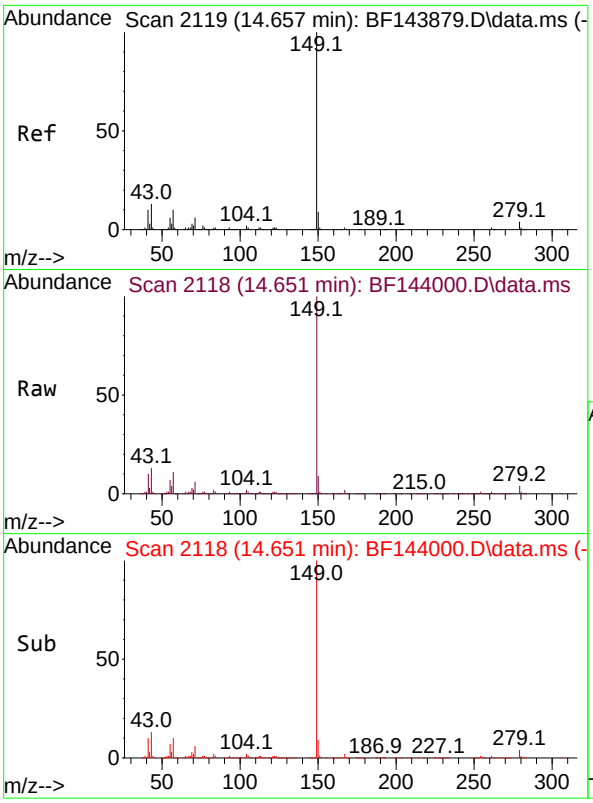


#84
Bis(2-ethylhexyl)phthalate
Concen: 53.166 ng
RT: 14.039 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion:149 Resp: 388279

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.2	33.4
279	3.9	3.1	4.7



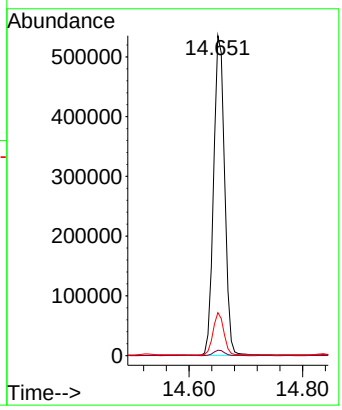


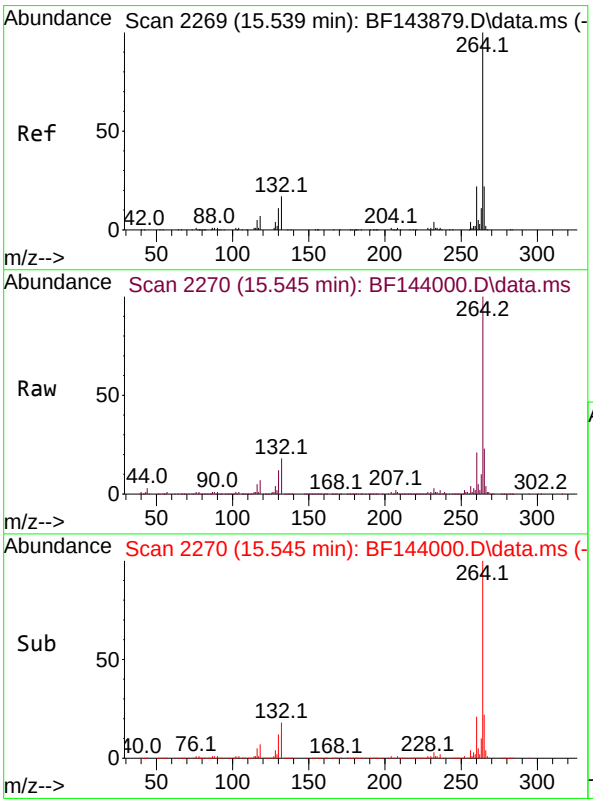
#85
Di-n-octyl phthalate
Concen: 60.181 ng
RT: 14.651 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

Tgt Ion:149 Resp: 721877

Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.1	1.7#
43	13.1	11.0	16.4

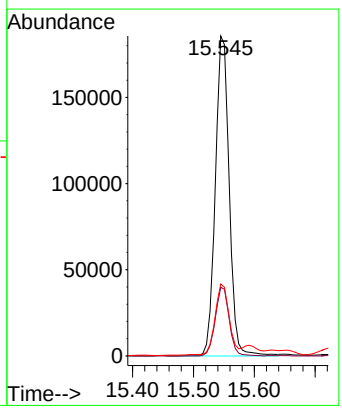


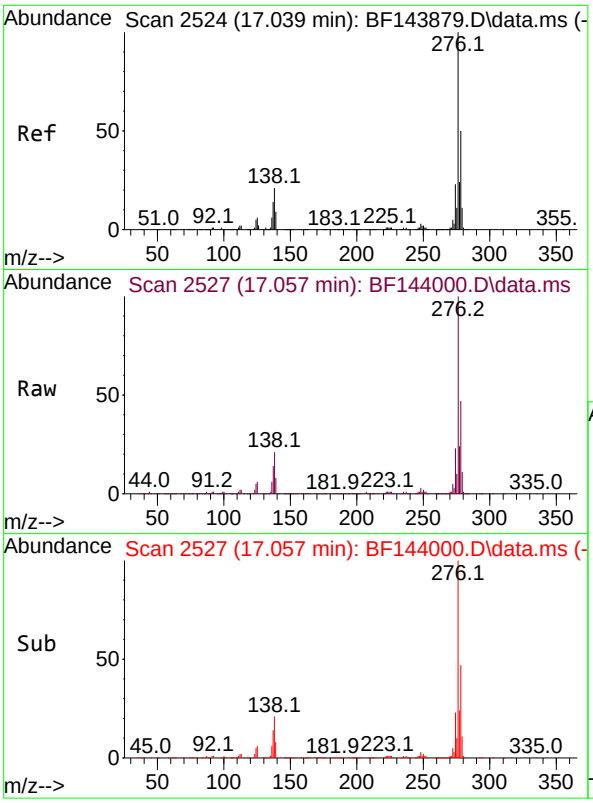


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion:264 Resp: 294781

Ion	Ratio	Lower	Upper
264	100		
260	21.4	17.8	26.8
265	22.5	17.5	26.3



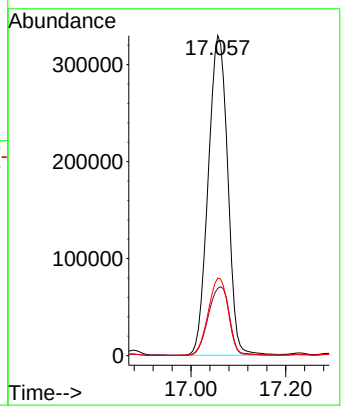


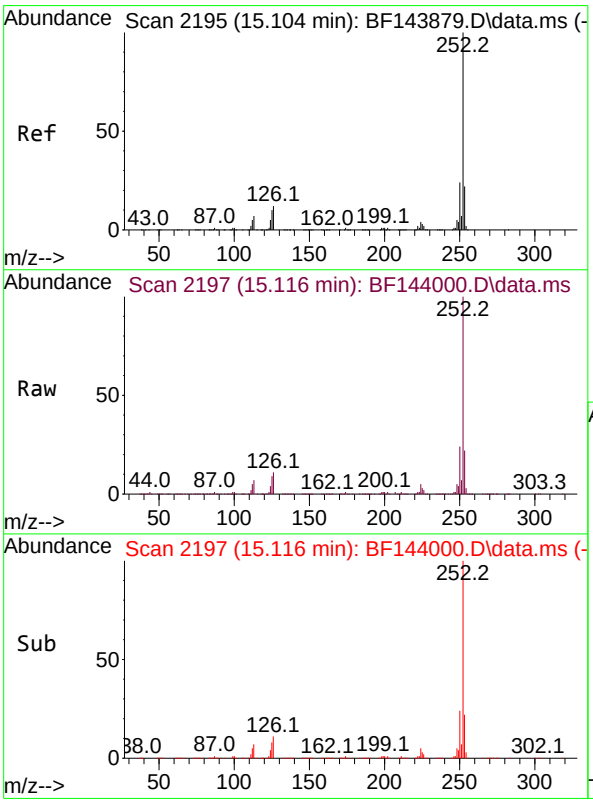
#87
Indeno(1,2,3-cd)pyrene
Concen: 52.175 ng
RT: 17.057 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

Tgt Ion:276 Resp: 942417

Ion	Ratio	Lower	Upper
276	100		
138	23.4	18.2	27.2
277	24.9	19.8	29.6

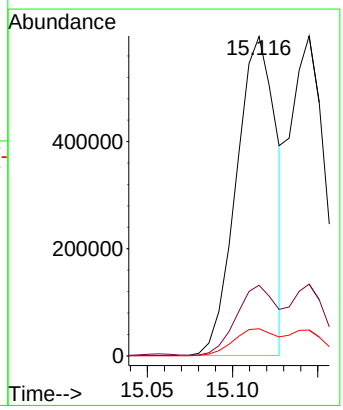


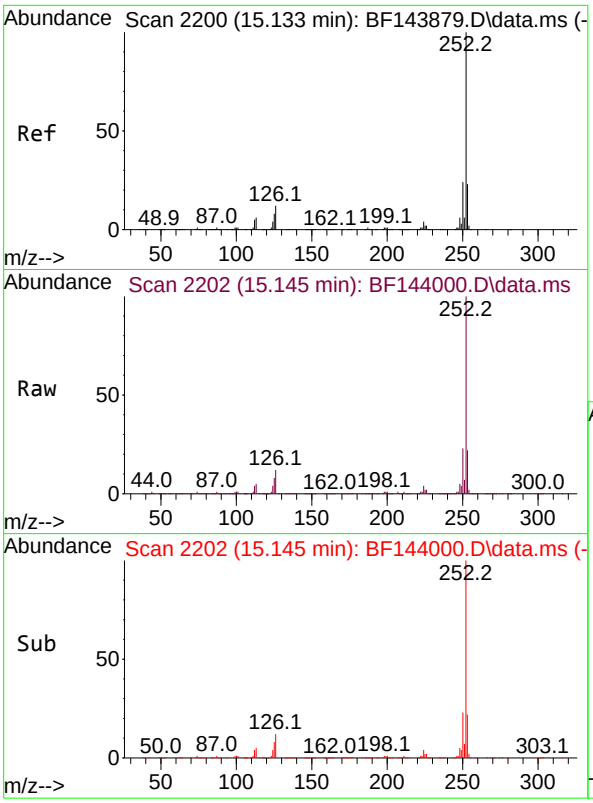


#88
Benzo(b)fluoranthene
Concen: 56.923 ng
RT: 15.116 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion:252 Resp: 963893

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	8.5	7.8	11.6



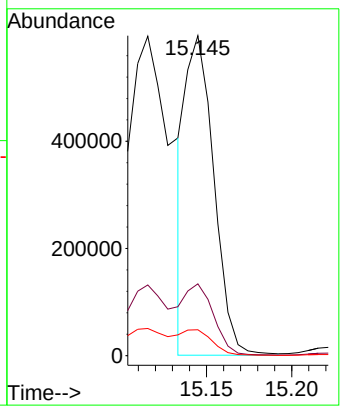


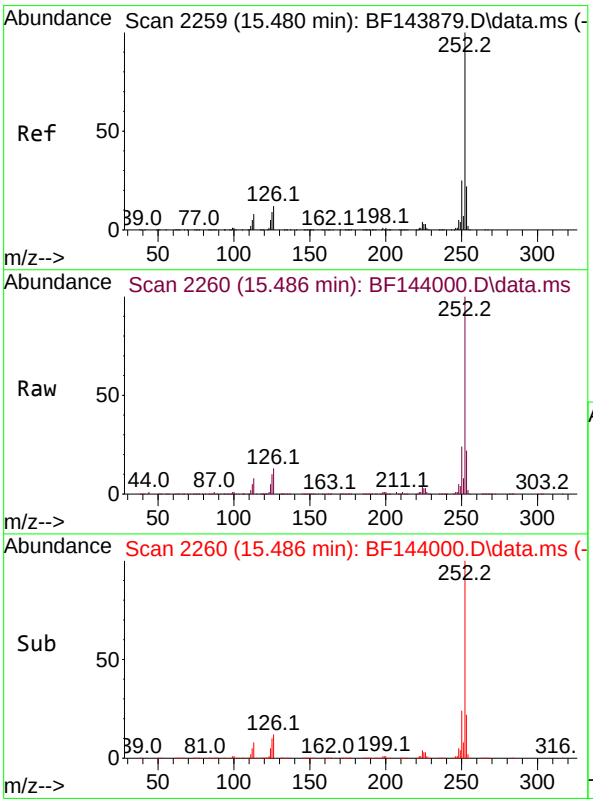
#89
Benzo(k)fluoranthene
Concen: 44.309 ng
RT: 15.145 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

Tgt Ion:252 Resp: 694255

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	8.1	7.4	11.2

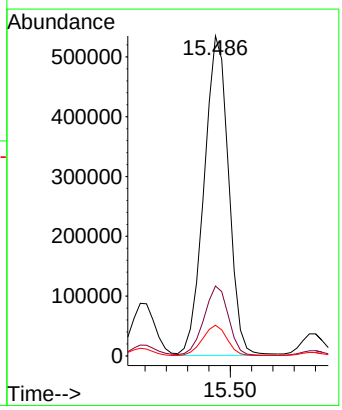


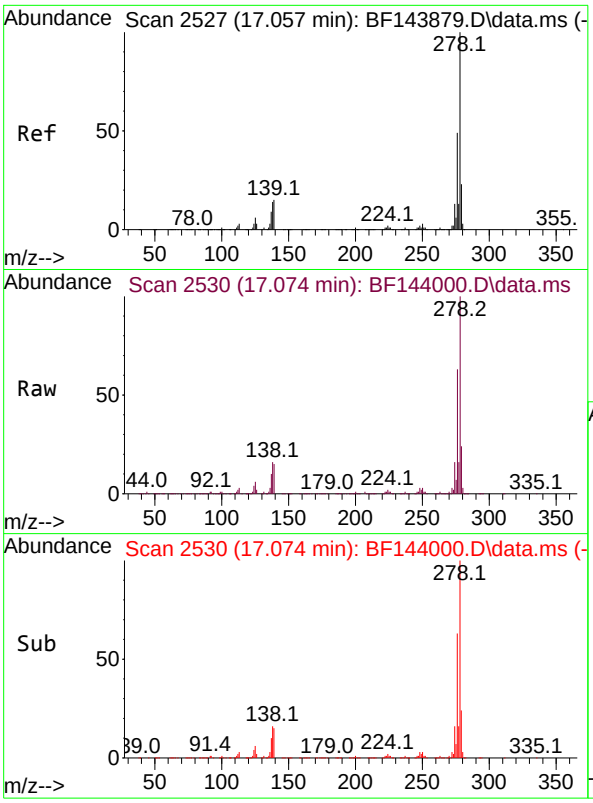


#90
Benzo(a)pyrene
Concen: 58.227 ng
RT: 15.486 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion:252 Resp: 854925

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.3	25.9
125	9.6	7.0	10.4



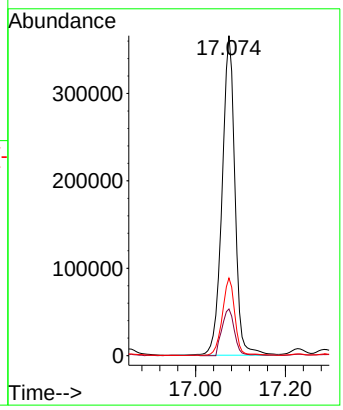


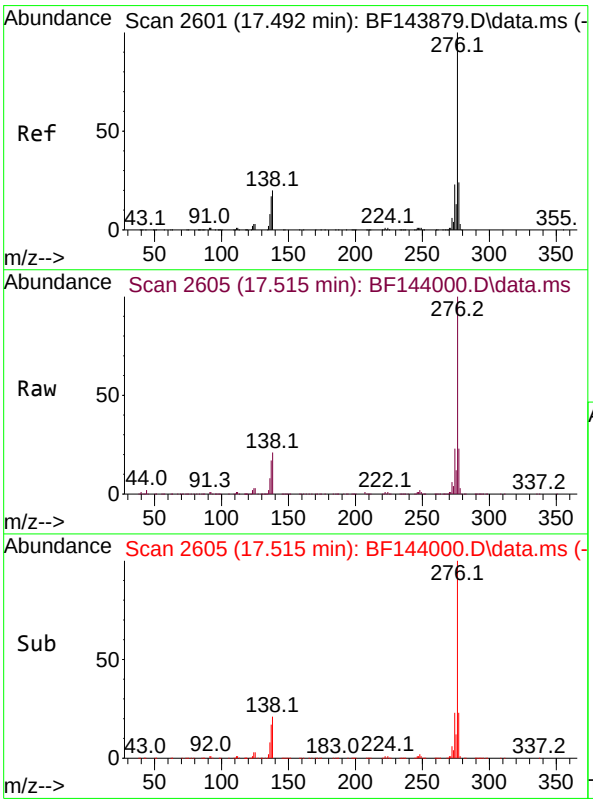
#91
Dibenzo(a,h)anthracene
Concen: 50.200 ng
RT: 17.074 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

Tgt Ion:278 Resp: 729261

Ion	Ratio	Lower	Upper
278	100		
139	14.6	11.7	17.5
279	24.2	18.4	27.6

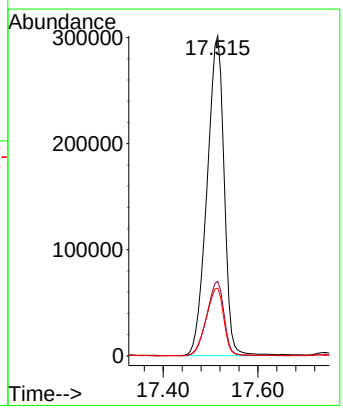




#92
Benzo(g,h,i)perylene
Concen: 52.085 ng
RT: 17.515 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion:276 Resp: 756650

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.0	28.6
138	21.2	16.1	24.1



Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	AECOM	Date Collected:	10/17/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/17/25
Client Sample ID:	VNJ-245MSD	SDG No.:	Q3375
Lab Sample ID:	Q3381-03MSD	Matrix:	SOIL
Analytical Method:	8270E Level : LOW	% Solid:	81.6
Sample Wt/Vol:	50.02 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/20/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	660		1	110	240	ug/Kg	10/20/25 16:27	PB170165
108-95-2	Phenol	1200		1	16.2	120	ug/Kg	10/20/25 16:27	PB170165
111-44-4	bis(2-Chloroethyl)ether	1100		1	17.9	120	ug/Kg	10/20/25 16:27	PB170165
95-57-8	2-Chlorophenol	1100		1	17.9	120	ug/Kg	10/20/25 16:27	PB170165
95-48-7	2-Methylphenol	1100		1	22.0	120	ug/Kg	10/20/25 16:27	PB170165
108-60-1	2,2-oxybis(1-Chloropropane)	1100		1	27.6	120	ug/Kg	10/20/25 16:27	PB170165
98-86-2	Acetophenone	1200		1	21.7	120	ug/Kg	10/20/25 16:27	PB170165
65794-96-9	3+4-Methylphenols	1100		1	30.2	240	ug/Kg	10/20/25 16:27	PB170165
621-64-7	n-Nitroso-di-n-propylamine	1000		1	34.8	58.8	ug/Kg	10/20/25 16:27	PB170165
67-72-1	Hexachloroethane	1100		1	12.9	120	ug/Kg	10/20/25 16:27	PB170165
98-95-3	Nitrobenzene	1200		1	13.5	120	ug/Kg	10/20/25 16:27	PB170165
78-59-1	Isophorone	1100		1	24.1	120	ug/Kg	10/20/25 16:27	PB170165
88-75-5	2-Nitrophenol	1300		1	42.8	120	ug/Kg	10/20/25 16:27	PB170165
105-67-9	2,4-Dimethylphenol	1200		1	47.6	120	ug/Kg	10/20/25 16:27	PB170165
111-91-1	bis(2-Chloroethoxy)methane	1100		1	22.6	120	ug/Kg	10/20/25 16:27	PB170165
120-83-2	2,4-Dichlorophenol	1100		1	20.8	120	ug/Kg	10/20/25 16:27	PB170165
91-20-3	Naphthalene	1100		1	16.7	120	ug/Kg	10/20/25 16:27	PB170165
106-47-8	4-Chloroaniline	480		1	26.0	120	ug/Kg	10/20/25 16:27	PB170165
87-68-3	Hexachlorobutadiene	1100		1	18.6	120	ug/Kg	10/20/25 16:27	PB170165
105-60-2	Caprolactam	1100		1	38.3	240	ug/Kg	10/20/25 16:27	PB170165
59-50-7	4-Chloro-3-methylphenol	1100		1	21.1	120	ug/Kg	10/20/25 16:27	PB170165
91-57-6	2-Methylnaphthalene	1000		1	18.8	120	ug/Kg	10/20/25 16:27	PB170165
77-47-4	Hexachlorocyclopentadiene	2400	E	1	85.3	240	ug/Kg	10/20/25 16:27	PB170165
88-06-2	2,4,6-Trichlorophenol	1100		1	14.6	120	ug/Kg	10/20/25 16:27	PB170165
95-95-4	2,4,5-Trichlorophenol	1100		1	21.4	120	ug/Kg	10/20/25 16:27	PB170165
92-52-4	1,1-Biphenyl	1300		1	16.0	120	ug/Kg	10/20/25 16:27	PB170165
91-58-7	2-Chloronaphthalene	1100		1	16.5	120	ug/Kg	10/20/25 16:27	PB170165
88-74-4	2-Nitroaniline	1200		1	35.4	120	ug/Kg	10/20/25 16:27	PB170165
131-11-3	Dimethylphthalate	1100		1	19.9	120	ug/Kg	10/20/25 16:27	PB170165
208-96-8	Acenaphthylene	1300		1	21.2	120	ug/Kg	10/20/25 16:27	PB170165
606-20-2	2,6-Dinitrotoluene	1300		1	24.7	120	ug/Kg	10/20/25 16:27	PB170165
99-09-2	3-Nitroaniline	720		1	33.8	120	ug/Kg	10/20/25 16:27	PB170165
83-32-9	Acenaphthene	1200		1	15.7	120	ug/Kg	10/20/25 16:27	PB170165
51-28-5	2,4-Dinitrophenol	1500		1	170	240	ug/Kg	10/20/25 16:27	PB170165
100-02-7	4-Nitrophenol	2000	E	1	78.6	240	ug/Kg	10/20/25 16:27	PB170165
132-64-9	Dibenzofuran	1100		1	16.7	120	ug/Kg	10/20/25 16:27	PB170165
121-14-2	2,4-Dinitrotoluene	1300		1	36.8	120	ug/Kg	10/20/25 16:27	PB170165
84-66-2	Diethylphthalate	1100		1	20.8	120	ug/Kg	10/20/25 16:27	PB170165
7005-72-3	4-Chlorophenyl-phenylether	1100		1	19.6	120	ug/Kg	10/20/25 16:27	PB170165
86-73-7	Fluorene	1100		1	18.6	120	ug/Kg	10/20/25 16:27	PB170165
100-01-6	4-Nitroaniline	1000		1	47.2	120	ug/Kg	10/20/25 16:27	PB170165
534-52-1	4,6-Dinitro-2-methylphenol	1100		1	75.7	240	ug/Kg	10/20/25 16:27	PB170165

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	AECOM	Date Collected:	10/17/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/17/25
Client Sample ID:	VNJ-245MSD	SDG No.:	Q3375
Lab Sample ID:	Q3381-03MSD	Matrix:	SOIL
Analytical Method:	8270E Level : LOW	% Solid:	81.6
Sample Wt/Vol:	50.02 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/20/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1300		1	24.2	120	ug/Kg	10/20/25 16:27	PB170165
101-55-3	4-Bromophenyl-phenylether	1200		1	20.4	120	ug/Kg	10/20/25 16:27	PB170165
118-74-1	Hexachlorobenzene	1200		1	18.6	120	ug/Kg	10/20/25 16:27	PB170165
1912-24-9	Atrazine	1200		1	25.0	120	ug/Kg	10/20/25 16:27	PB170165
87-86-5	Pentachlorophenol	1900		1	37.7	240	ug/Kg	10/20/25 16:27	PB170165
85-01-8	Phenanthrene	1300		1	15.4	120	ug/Kg	10/20/25 16:27	PB170165
120-12-7	Anthracene	1200		1	24.5	120	ug/Kg	10/20/25 16:27	PB170165
86-74-8	Carbazole	1200		1	22.9	120	ug/Kg	10/20/25 16:27	PB170165
84-74-2	Di-n-butylphthalate	1100		1	35.2	120	ug/Kg	10/20/25 16:27	PB170165
206-44-0	Fluoranthene	1300		1	22.1	120	ug/Kg	10/20/25 16:27	PB170165
129-00-0	Pyrene	1100		1	26.5	120	ug/Kg	10/20/25 16:27	PB170165
85-68-7	Butylbenzylphthalate	1100		1	52.5	120	ug/Kg	10/20/25 16:27	PB170165
91-94-1	3,3-Dichlorobenzidine	810		1	27.0	240	ug/Kg	10/20/25 16:27	PB170165
56-55-3	Benzo(a)anthracene	1400		1	16.9	120	ug/Kg	10/20/25 16:27	PB170165
218-01-9	Chrysene	1400		1	14.6	120	ug/Kg	10/20/25 16:27	PB170165
117-81-7	Bis(2-ethylhexyl)phthalate	1200		1	43.5	120	ug/Kg	10/20/25 16:27	PB170165
117-84-0	Di-n-octyl phthalate	1400		1	63.8	240	ug/Kg	10/20/25 16:27	PB170165
205-99-2	Benzo(b)fluoranthene	1400		1	14.0	120	ug/Kg	10/20/25 16:27	PB170165
207-08-9	Benzo(k)fluoranthene	1200		1	16.5	120	ug/Kg	10/20/25 16:27	PB170165
50-32-8	Benzo(a)pyrene	1400		1	21.7	120	ug/Kg	10/20/25 16:27	PB170165
193-39-5	Indeno(1,2,3-cd)pyrene	1300		1	21.4	120	ug/Kg	10/20/25 16:27	PB170165
53-70-3	Dibenzo(a,h)anthracene	1200		1	20.1	120	ug/Kg	10/20/25 16:27	PB170165
191-24-2	Benzo(g,h,i)perylene	1300		1	18.9	120	ug/Kg	10/20/25 16:27	PB170165
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		1	18.8	120	ug/Kg	10/20/25 16:27	PB170165
123-91-1	1,4-Dioxane	1100		1	33.2	120	ug/Kg	10/20/25 16:27	PB170165
58-90-2	2,3,4,6-Tetrachlorophenol	1100		1	20.1	120	ug/Kg	10/20/25 16:27	PB170165
SURROGATES									
367-12-4	2-Fluorophenol	67.2			18 - 112	45%	SPK: 150		
13127-88-3	Phenol-d6	68.8			15 - 107	46%	SPK: 150		
4165-60-0	Nitrobenzene-d5	46.4			18 - 107	46%	SPK: 100		
321-60-8	2-Fluorobiphenyl	32.2			20 - 109	32%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	55.9			10 - 116	37%	SPK: 150		
1718-51-0	Terphenyl-d14	32.9			10 - 105	33%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	100000							
1146-65-2	Naphthalene-d8	372000							
15067-26-2	Acenaphthene-d10	193000							
1517-22-2	Phenanthrene-d10	293000							
1719-03-5	Chrysene-d12	212000							
1520-96-3	Perylene-d12	285000							

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

Report of Analysis

Client:	AECOM	Date Collected:	10/17/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/17/25
Client Sample ID:	VNJ-245MSD	SDG No.:	Q3375
Lab Sample ID:	Q3381-03MSD	Matrix:	SOIL
Analytical Method:	8270E Level : LOW	% Solid:	81.6
Sample Wt/Vol:	50.02 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/20/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	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_F\Data\BF102025\
Data File : BF144001.D
Acq On : 20 Oct 2025 16:27
Operator : RC/JU
Sample : Q3381-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 20 17:06:42 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

Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	100371	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	371973	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	192676	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	292615	20.000	ng		0.00
76) Chrysene-d12	14.063	240	212179	20.000	ng		0.00
86) Perylene-d12	15.545	264	285074	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	424824	67.212	ng		0.00
7) Phenol-d6	6.504	99	517974	68.752	ng		-0.01
23) Nitrobenzene-d5	7.439	82	284005	46.387	ng		-0.02
42) 2,4,6-Tribromophenol	10.716	330	107308	55.916	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	390476	32.157	ng		-0.01
79) Terphenyl-d14	12.998	244	408851	32.932	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	132978	45.465	ng		95
3) Pyridine	3.457	79	362899	42.620	ng		99
4) n-Nitrosodimethylamine	3.410	42	204444	45.643	ng		91
6) Aniline	6.545	93	347828	30.810	ng		100
8) 2-Chlorophenol	6.663	128	280357	45.377	ng		100
9) Benzaldehyde	6.434	77	156420	26.915	ng		99
10) Phenol	6.522	94	424504	47.130	ng		97
11) bis(2-Chloroethyl)ether	6.616	93	315460	45.340	ng		99
12) 1,3-Dichlorobenzene	6.822	146	334706	45.257	ng		100
13) 1,4-Dichlorobenzene	6.898	146	341886	46.864	ng		99
14) 1,2-Dichlorobenzene	7.051	146	325929	46.644	ng		99
15) Benzyl Alcohol	7.022	79	266849	47.273	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	726312	45.861	ng		99
17) 2-Methylphenol	7.128	107	230786	45.198	ng		99
18) Hexachloroethane	7.392	117	110583	45.453	ng		98
19) n-Nitroso-di-n-propyla...	7.292	70	216667	42.014	ng		98
20) 3+4-Methylphenols	7.281	107	267791	45.251	ng	#	84
22) Acetophenone	7.287	105	397242	50.507	ng		97
24) Nitrobenzene	7.463	77	330200	48.565	ng		97
25) Isophorone	7.698	82	581778	45.065	ng		100
26) 2-Nitrophenol	7.781	139	156521	53.695	ng		96
27) 2,4-Dimethylphenol	7.810	122	262595	50.078	ng		99
28) bis(2-Chloroethoxy)met...	7.910	93	370290	45.407	ng		99
29) 2,4-Dichlorophenol	8.022	162	248700	45.533	ng		98
30) 1,2,4-Trichlorobenzene	8.104	180	257772	47.986	ng		98
31) Naphthalene	8.186	128	770212	45.519	ng		100
32) Benzoic acid	7.928	122	153108	42.190	ng		97
33) 4-Chloroaniline	8.234	127	123347	19.437	ng		98
34) Hexachlorobutadiene	8.304	225	171103	45.837	ng		99
35) Caprolactam	8.598	113	78209	45.033	ng		98
36) 4-Chloro-3-methylphenol	8.716	107	234233	44.644	ng		98
37) 2-Methylnaphthalene	8.875	142	462308	41.016	ng		99
38) 1-Methylnaphthalene	8.975	142	470408	43.027	ng		98
40) 1,2,4,5-Tetrachloroben...	9.045	216	270457	50.787	ng		97
41) Hexachlorocyclopentadiene	9.028	237	217287	98.353	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	177052	45.503	ng		96

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102025\
Data File : BF144001.D
Acq On : 20 Oct 2025 16:27
Operator : RC/JU
Sample : Q3381-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 20 17:06:42 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

Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.198	196	190334	46.289	ng		99
46)	1,1'-Biphenyl	9.339	154	651603	51.079	ng		98
47)	2-Chloronaphthalene	9.369	162	499056	46.921	ng		97
48)	2-Nitroaniline	9.463	65	169406	50.378	ng		96
49)	Acenaphthylene	9.786	152	769139	51.437	ng		100
50)	Dimethylphthalate	9.639	163	560326	45.794	ng		100
51)	2,6-Dinitrotoluene	9.704	165	121807	53.686	ng		95
52)	Acenaphthene	9.957	154	460729	47.023	ng		99
53)	3-Nitroaniline	9.875	138	81500	29.336	ng		98
54)	2,4-Dinitrophenol	9.980	184	80393	59.400	ng	#	90
55)	Dibenzofuran	10.128	168	631465	45.656	ng		99
56)	4-Nitrophenol	10.033	139	170624	81.114	ng		100
57)	2,4-Dinitrotoluene	10.110	165	162114	52.513	ng		96
58)	Fluorene	10.475	166	473608	45.380	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.245	232	133421m	45.838	ng		
60)	Diethylphthalate	10.339	149	495909	43.627	ng		100
61)	4-Chlorophenyl-phenyle...	10.463	204	240577	43.601	ng		98
62)	4-Nitroaniline	10.486	138	113819	42.604	ng		97
63)	Azobenzene	10.622	77	563873	47.463	ng		98
65)	4,6-Dinitro-2-methylph...	10.516	198	67967	46.221	ng		100
66)	n-Nitrosodiphenylamine	10.580	169	472341	51.409	ng		99
67)	4-Bromophenyl-phenylether	10.957	248	153366	47.425	ng		99
68)	Hexachlorobenzene	11.022	284	180006	48.080	ng		99
69)	Atrazine	11.110	200	139405	50.060	ng		99
70)	Pentachlorophenol	11.216	266	168895	78.548	ng		99
71)	Phenanthrene	11.439	178	755154	53.232	ng		99
72)	Anthracene	11.492	178	725510	50.624	ng		100
73)	Carbazole	11.645	167	609788	48.042	ng		99
74)	Di-n-butylphthalate	11.974	149	686989	46.700	ng		99
75)	Fluoranthene	12.627	202	806849	55.063	ng		99
77)	Benzidine	12.751	184	256163	34.770	ng		98
78)	Pyrene	12.857	202	808534	45.708	ng		99
80)	Butylbenzylphthalate	13.474	149	261316	45.487	ng		99
81)	Benzo(a)anthracene	14.051	228	772965	55.669	ng		99
82)	3,3'-Dichlorobenzidine	14.015	252	139179	32.891	ng		95
83)	Chrysene	14.092	228	756901	58.898	ng		100
84)	Bis(2-ethylhexyl)phtha...	14.033	149	348219	50.284	ng		98
85)	Di-n-octyl phthalate	14.651	149	651511	57.280	ng		98
87)	Indeno(1,2,3-cd)pyrene	17.056	276	912509	52.240	ng		99
88)	Benzo(b)fluoranthene	15.115	252	922382	56.327	ng		99
89)	Benzo(k)fluoranthene	15.145	252	765145	50.496	ng		99
90)	Benzo(a)pyrene	15.486	252	802881	56.544	ng		99
91)	Dibenzo(a,h)anthracene	17.074	278	711497	50.645	ng		100
92)	Benzo(g,h,i)perylene	17.509	276	729280	51.911	ng		98

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

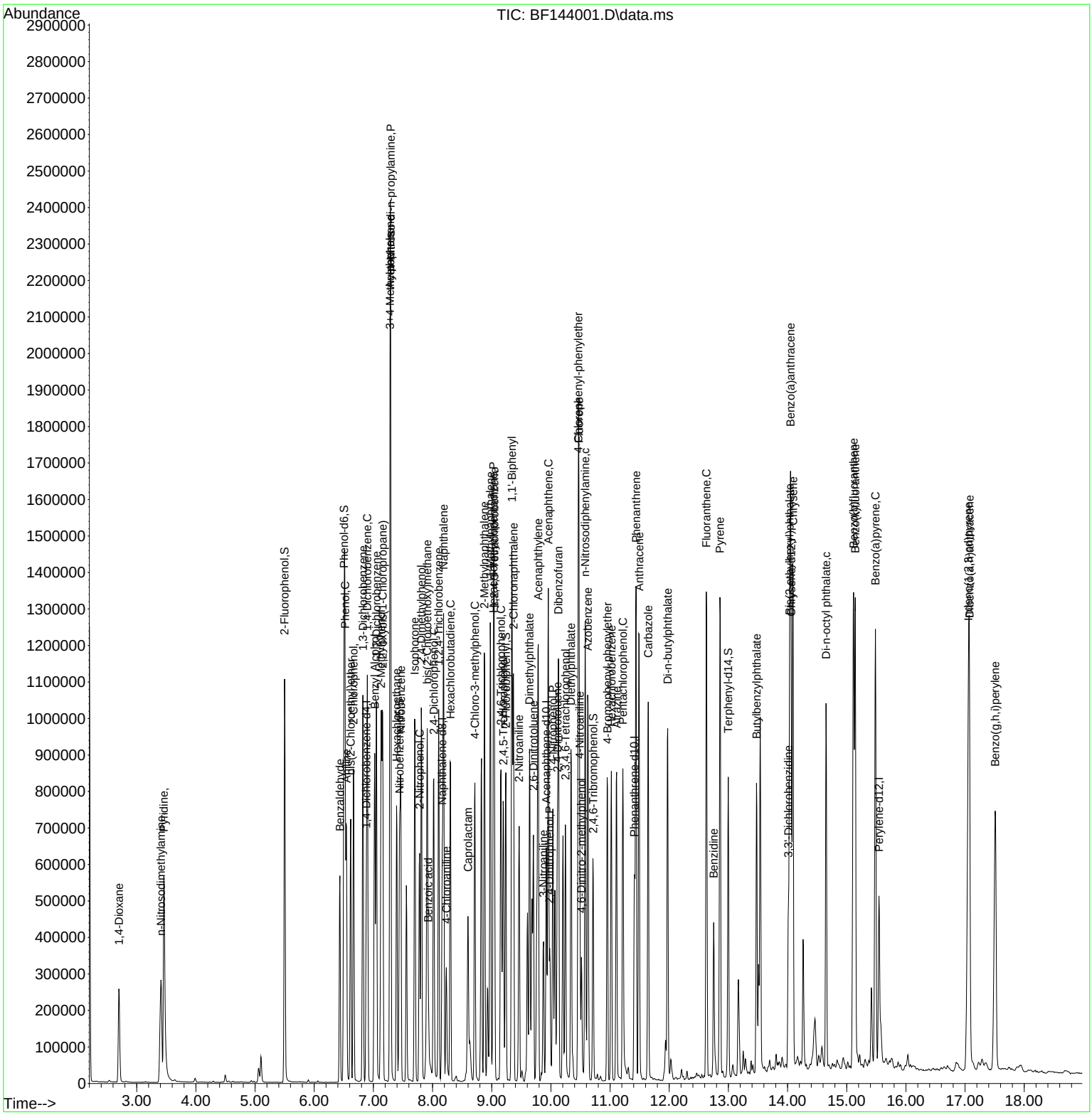
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Data File : BF144001.D
Acq On : 20 Oct 2025 16:27
Operator : RC/JU
Sample : Q3381-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

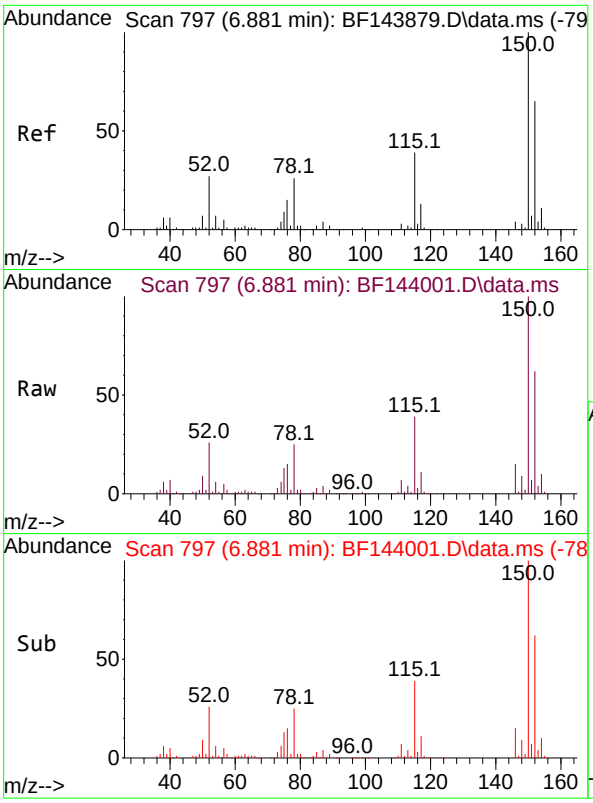
Quant Time: Oct 20 17:06:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

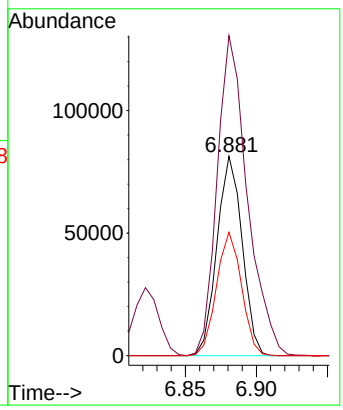




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:152 Resp: 10037

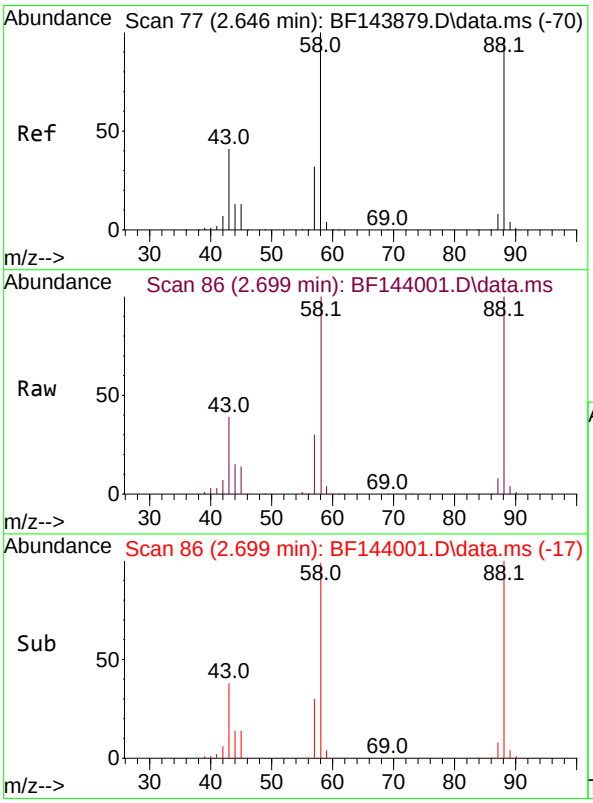
Ion	Ratio	Lower	Upper
152	100		
150	160.6	124.4	186.6
115	61.9	48.1	72.1



Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD

Manual Integrations
APPROVED

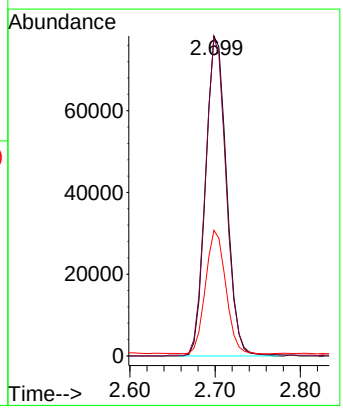
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

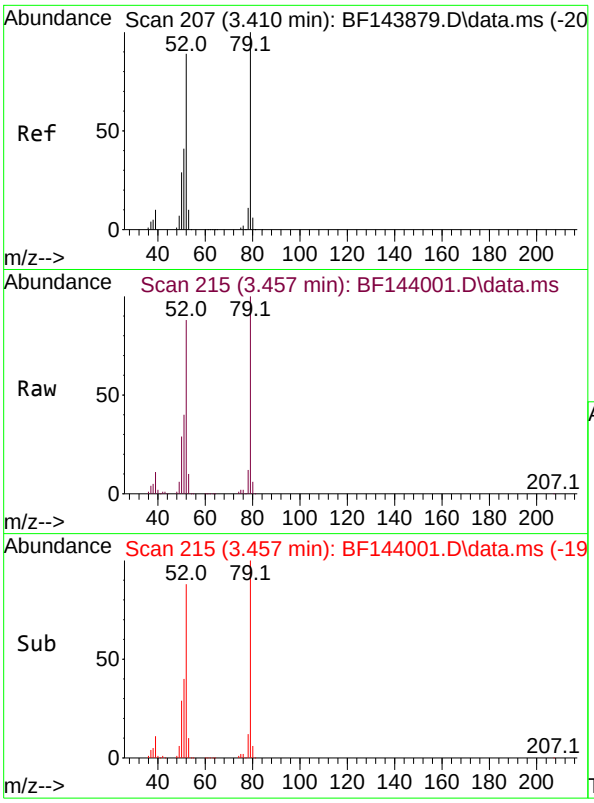


#2
1,4-Dioxane
Concen: 45.465 ng
RT: 2.699 min Scan# 86
Delta R.T. 0.053 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion: 88 Resp: 132978

Ion	Ratio	Lower	Upper
88	100		
58	99.9	83.0	124.6
43	37.6	33.9	50.9





#3
Pyridine
Concen: 42.620 ng
RT: 3.457 min Scan# 21
Delta R.T. 0.041 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

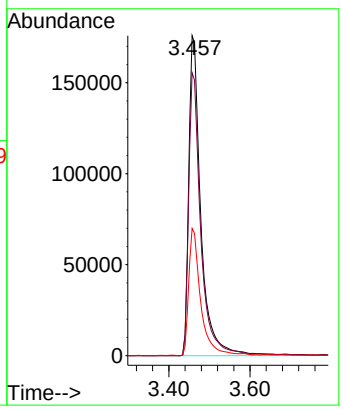
Tgt Ion: 79 Resp: 362899

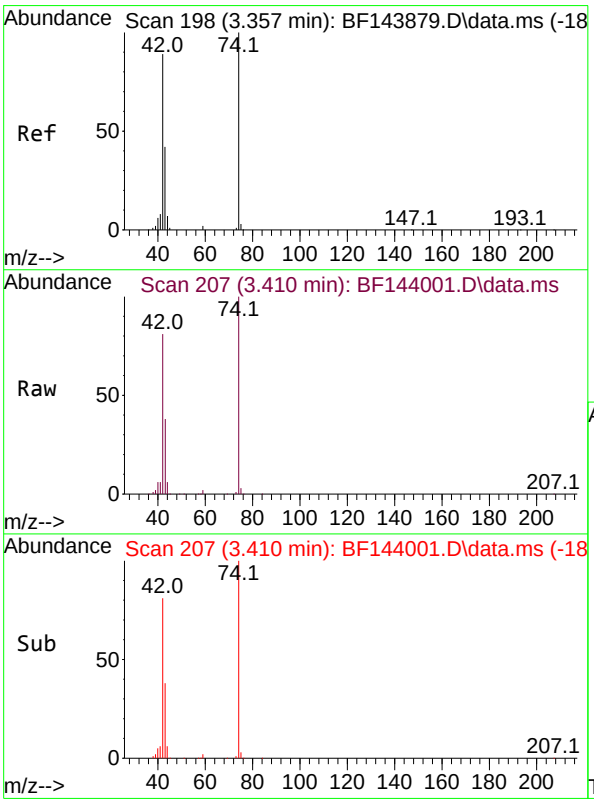
Ion	Ratio	Lower	Upper
79	100		
52	88.4	71.5	107.3
51	39.7	32.9	49.3

Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD

Manual Integrations
APPROVED

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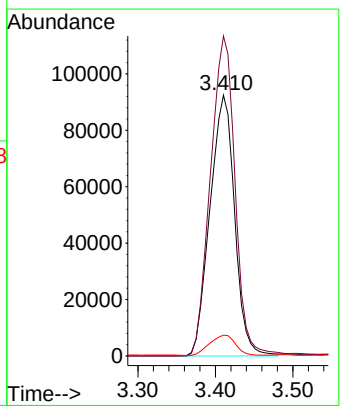


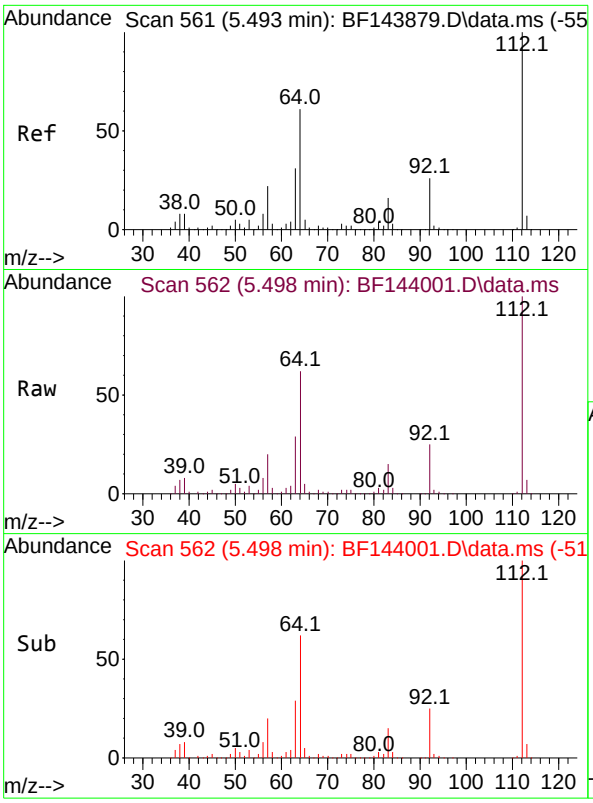


#4
n-Nitrosodimethylamine
Concen: 45.643 ng
RT: 3.410 min Scan# 207
Delta R.T. 0.024 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion: 42 Resp: 204444

Ion	Ratio	Lower	Upper
42	100		
74	122.8	90.0	135.0
44	8.0	6.2	9.2

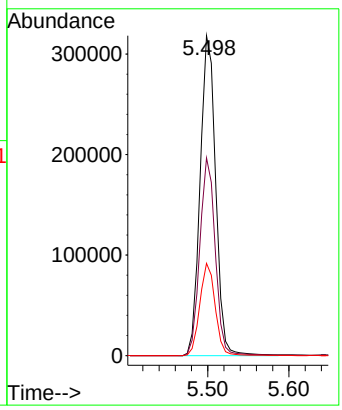




#5
2-Fluorophenol
Concen: 67.212 ng
RT: 5.498 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:112 Resp: 42482

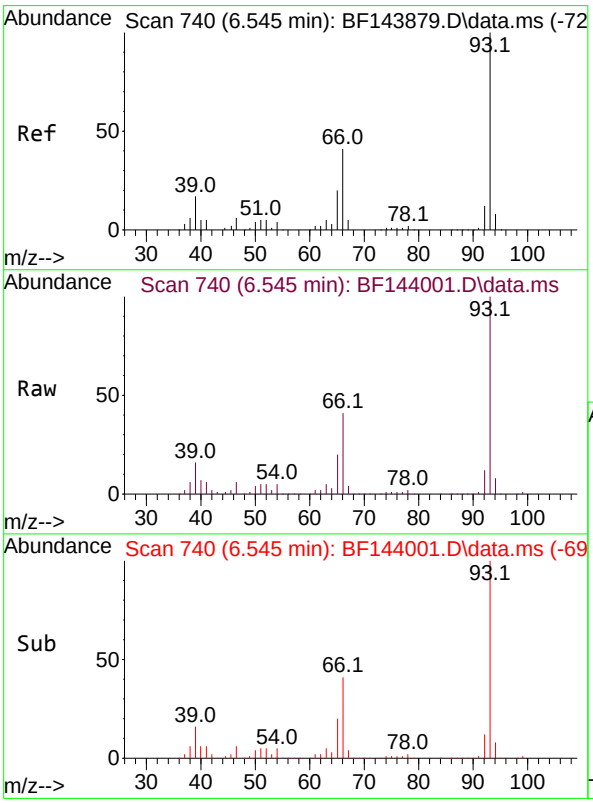
Ion	Ratio	Lower	Upper
112	100		
64	61.8	49.1	73.7
63	28.8	24.5	36.7



Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD

Manual Integrations APPROVED

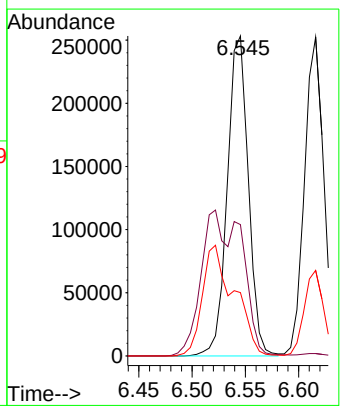
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

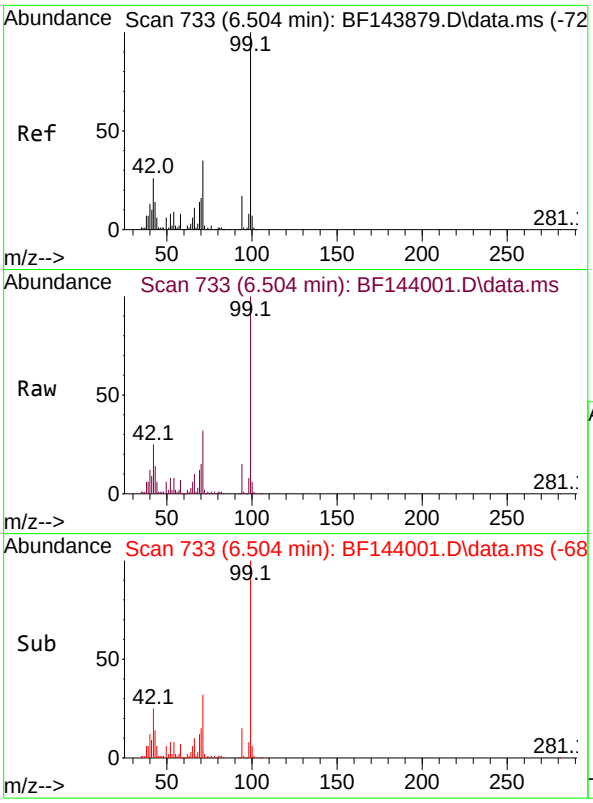


#6
Aniline
Concen: 30.810 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion: 93 Resp: 347828

Ion	Ratio	Lower	Upper
93	100		
66	41.0	33.0	49.6
65	19.8	15.8	23.8

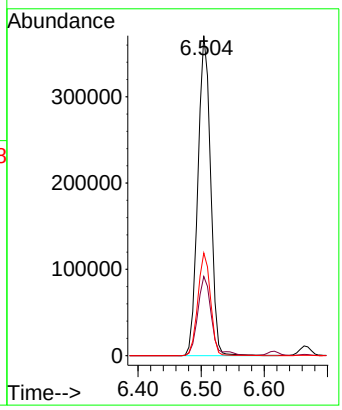




#7
Phenol-d6
Concen: 68.752 ng
RT: 6.504 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion: 99 Resp: 51797

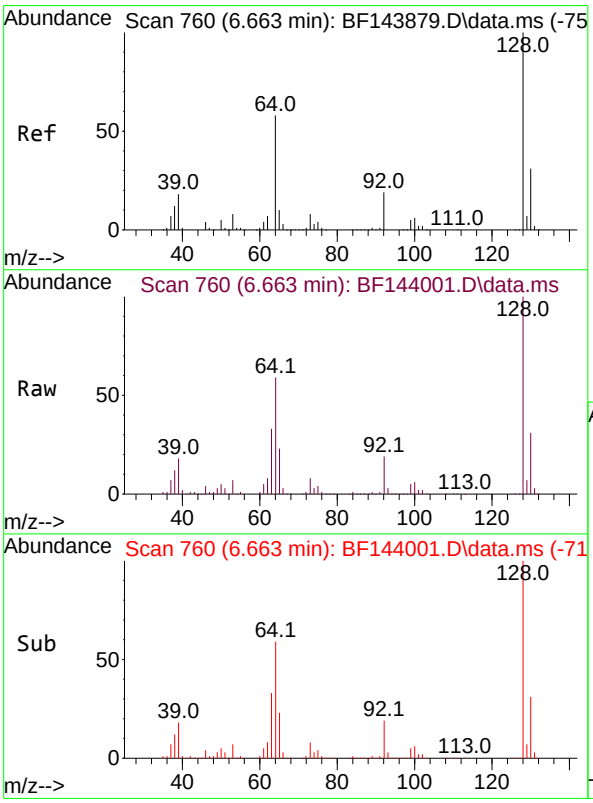
Ion	Ratio	Lower	Upper
99	100		
42	24.7	21.0	31.4
71	32.1	27.8	41.8



Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD

Manual Integrations
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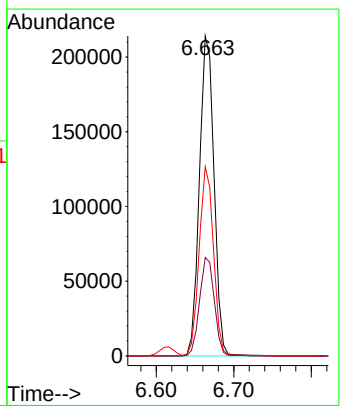
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

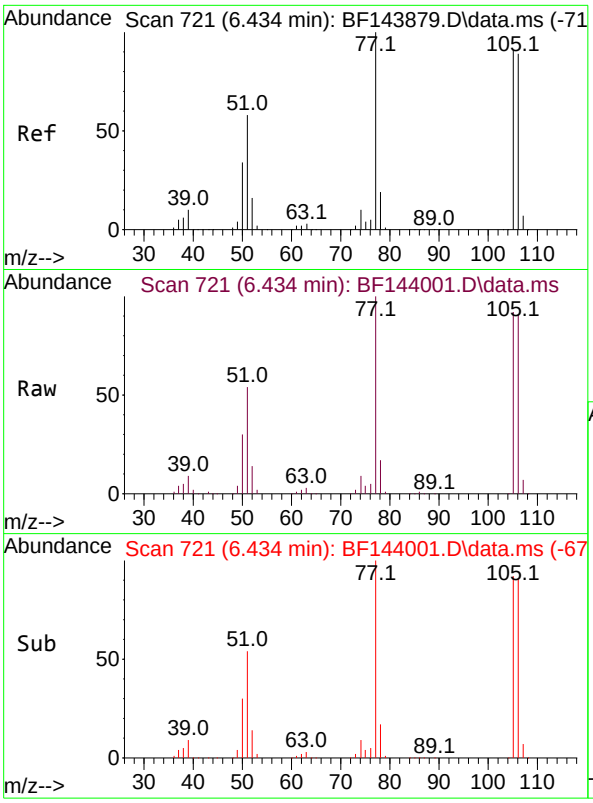


#8
2-Chlorophenol
Concen: 45.377 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:128 Resp: 280357

Ion	Ratio	Lower	Upper
128	100		
130	30.7	10.7	50.7
64	59.1	39.0	79.0

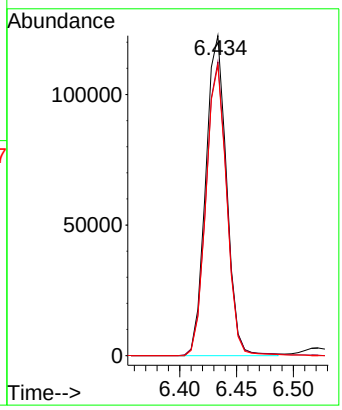




#9
Benzaldehyde
Concen: 26.915 ng
RT: 6.434 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion: 77 Resp: 15642

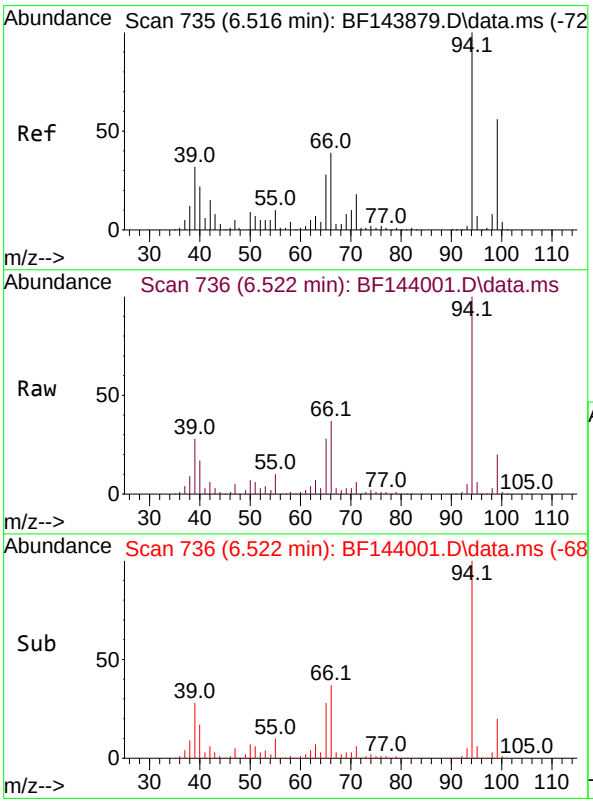
Ion	Ratio	Lower	Upper
77	100		
105	91.8	70.9	110.9
106	90.7	68.9	108.9



Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD

Manual Integrations
APPROVED

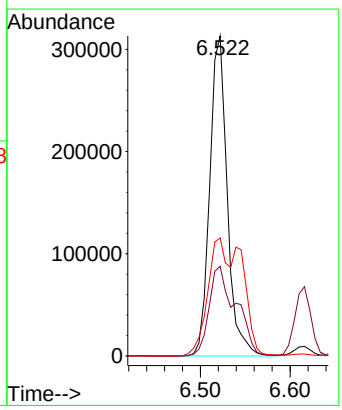
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

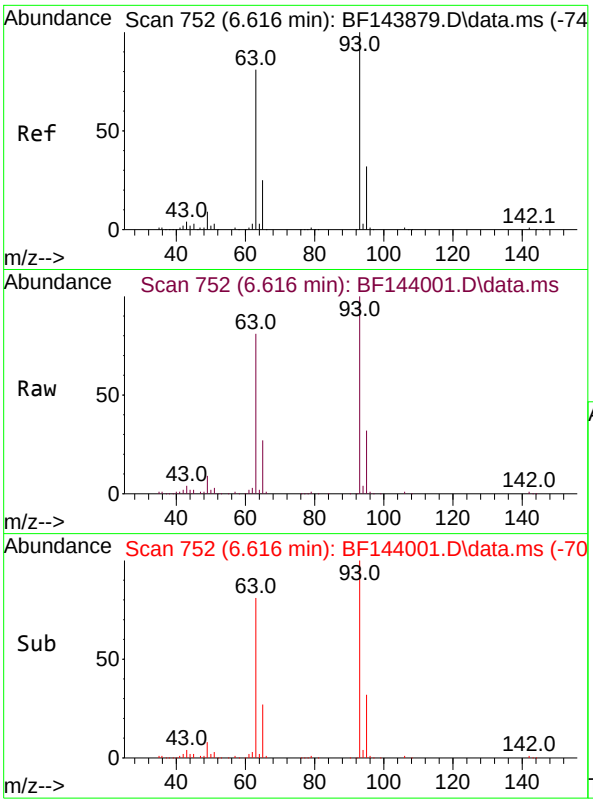


#10
Phenol
Concen: 47.130 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.012 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion: 94 Resp: 424504

Ion	Ratio	Lower	Upper
94	100		
65	28.0	8.5	48.5
66	36.9	19.9	59.9

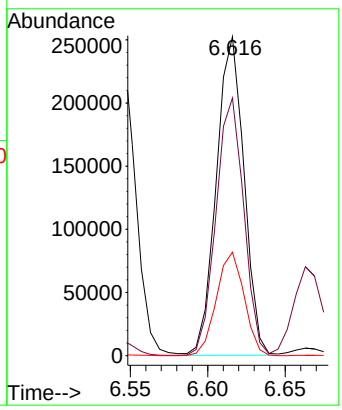




#11
bis(2-Chloroethyl)ether
Concen: 45.340 ng
RT: 6.616 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion: 93 Resp: 31546

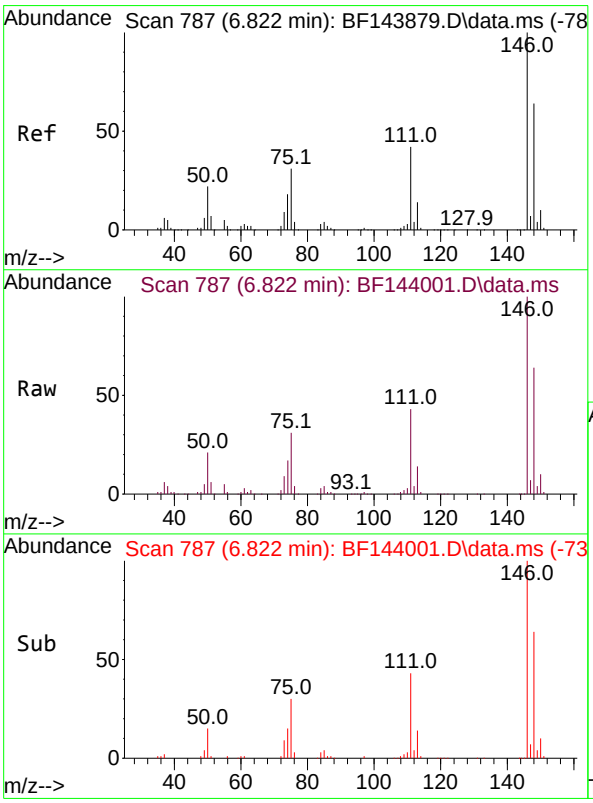
Ion	Ratio	Lower	Upper
93	100		
63	80.9	60.9	100.9
95	32.4	11.5	51.5



Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD

Manual Integrations
APPROVED

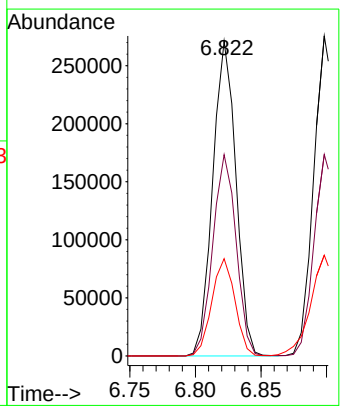
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

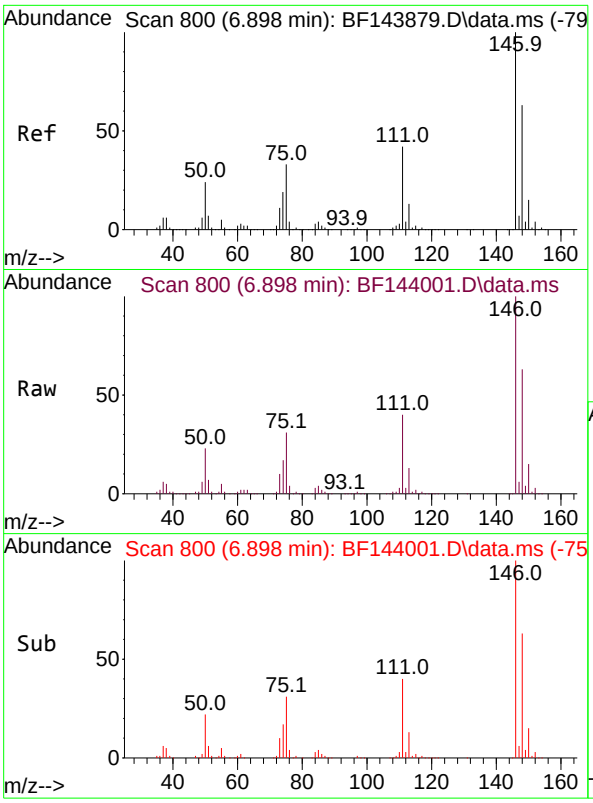


#12
1,3-Dichlorobenzene
Concen: 45.257 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:146 Resp: 334706

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.0	76.4
75	30.9	24.9	37.3

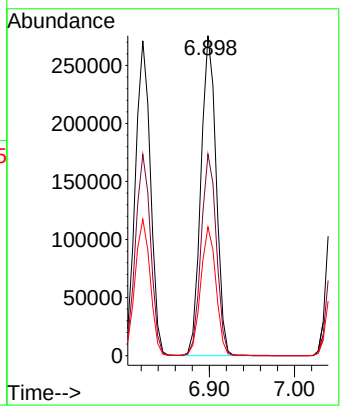




#13
1,4-Dichlorobenzene
Concen: 46.864 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:146 Resp: 34188

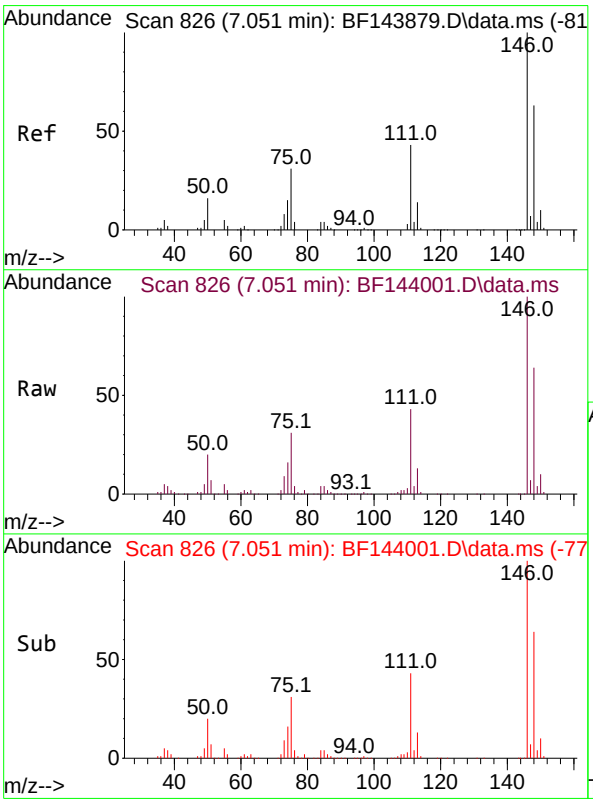
Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.5	75.7
111	40.2	33.4	50.0



Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD

Manual Integrations
APPROVED

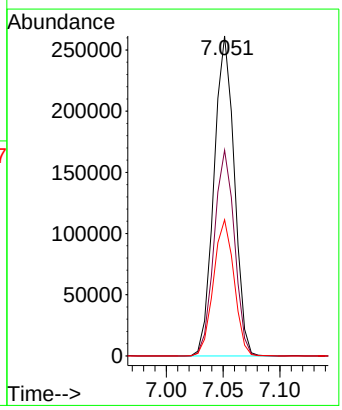
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

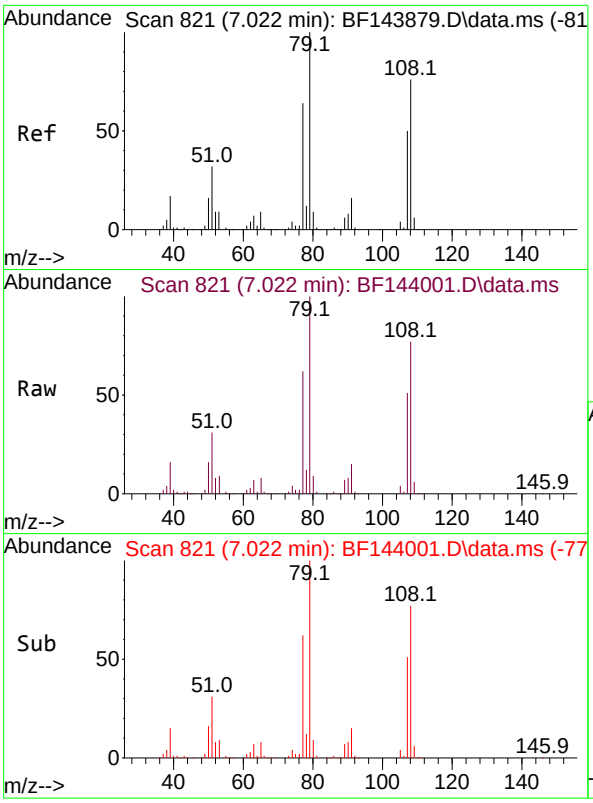


#14
1,2-Dichlorobenzene
Concen: 46.644 ng
RT: 7.051 min Scan# 826
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:146 Resp: 325929

Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.6	75.8
111	42.5	34.6	51.8

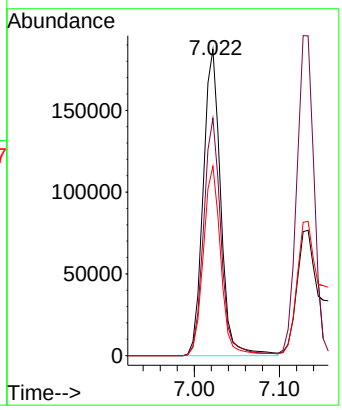




#15
Benzyl Alcohol
Concen: 47.273 ng
RT: 7.022 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion: 79 Resp: 26684

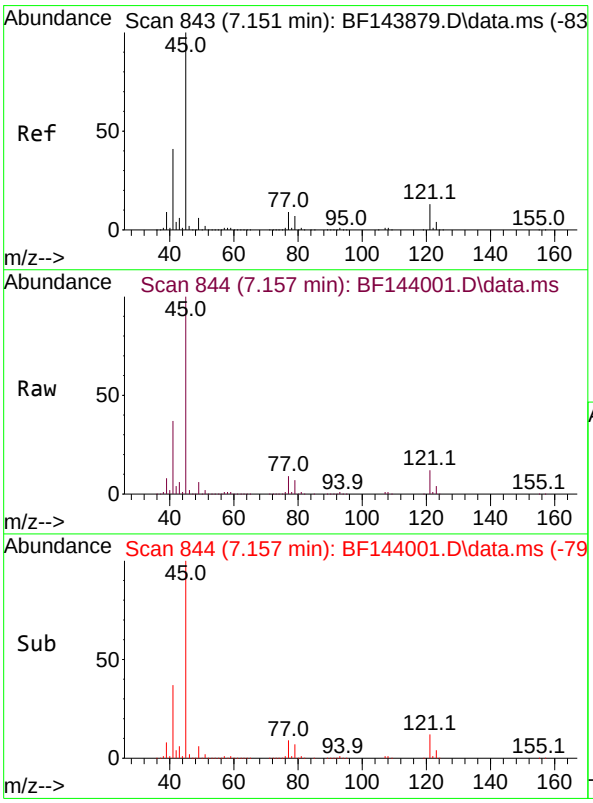
Ion	Ratio	Lower	Upper
79	100		
108	77.5	60.8	91.2
77	61.9	51.0	76.6



Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD

Manual Integrations
APPROVED

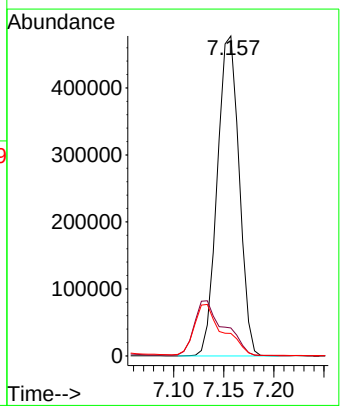
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

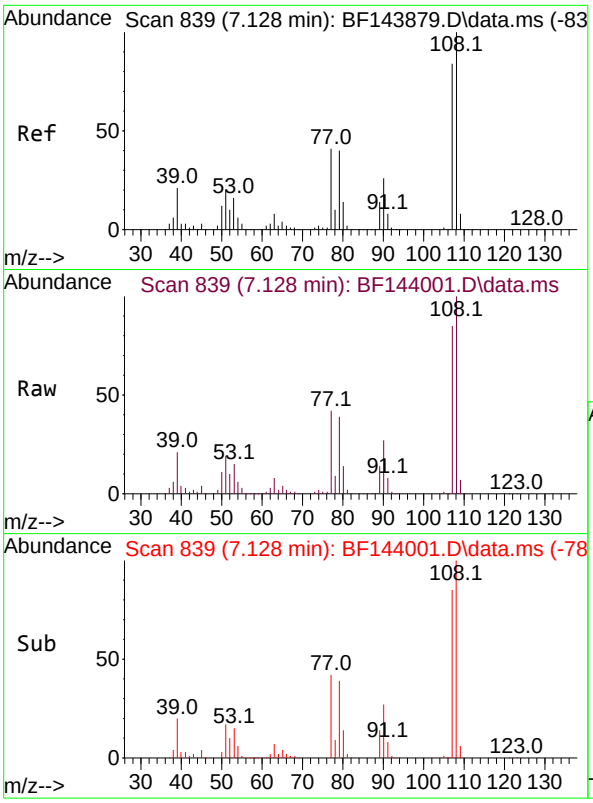


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.861 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion: 45 Resp: 726312

Ion	Ratio	Lower	Upper
45	100		
77	8.8	0.0	29.0
79	7.0	0.0	26.8

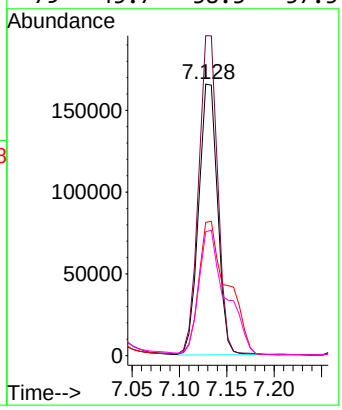




#17
2-Methylphenol
Concen: 45.198 ng
RT: 7.128 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:107 Resp: 23078

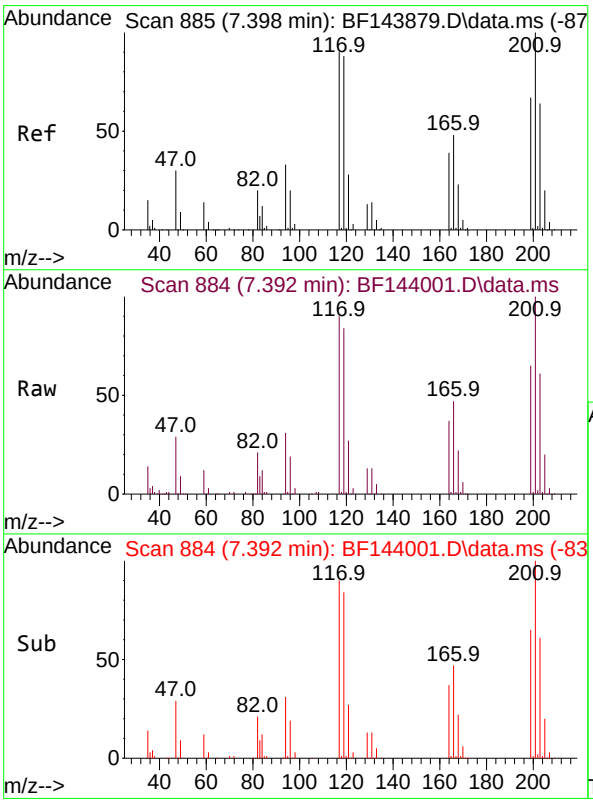
Ion	Ratio	Lower	Upper
107	100		
108	117.9	94.7	142.1
77	49.1	38.8	58.2
79	45.7	38.3	57.5



Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD

Manual Integrations
APPROVED

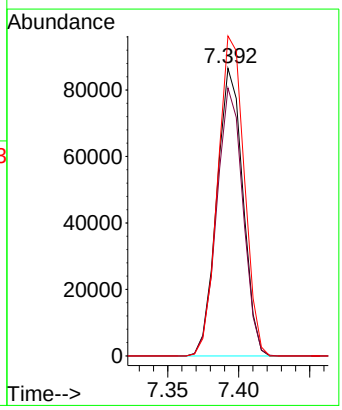
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

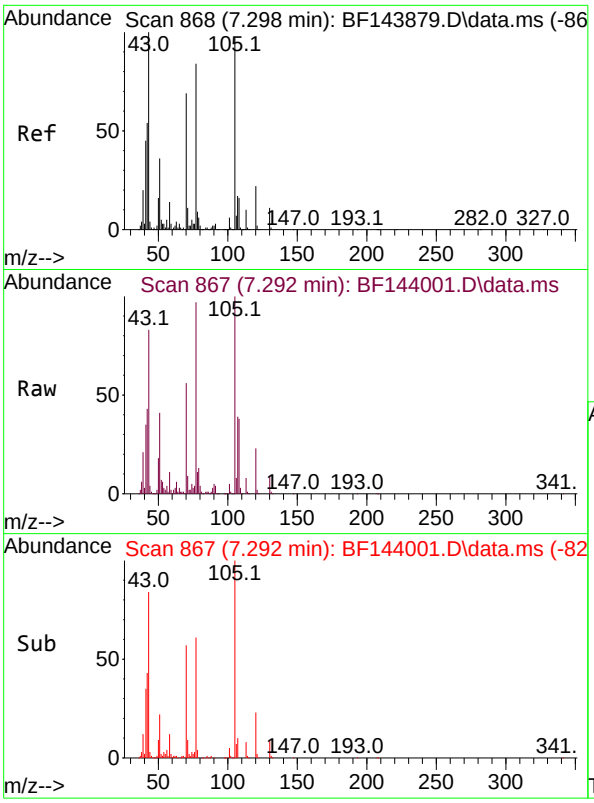


#18
Hexachloroethane
Concen: 45.453 ng
RT: 7.392 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:117 Resp: 110583

Ion	Ratio	Lower	Upper
117	100		
119	93.1	77.8	116.8
201	111.3	88.5	132.7

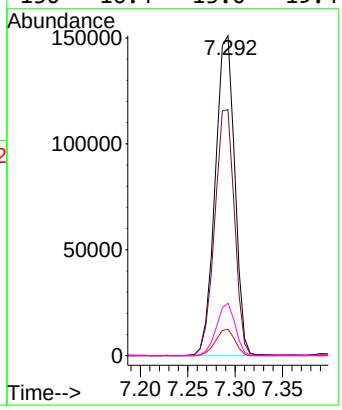




#19
n-Nitroso-di-n-propylamine
Concen: 42.014 ng
RT: 7.292 min Scan# 8
Delta R.T. -0.023 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

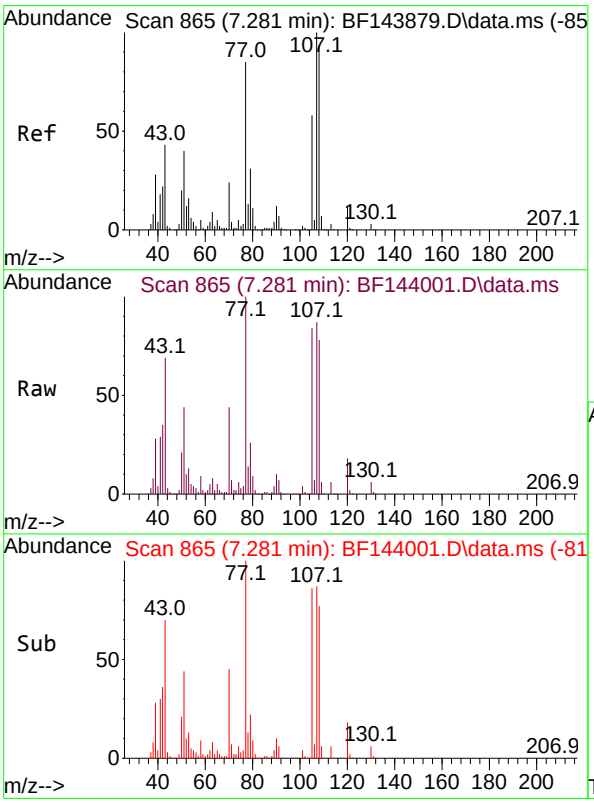
Tgt Ion: 70 Resp: 21666

Ion	Ratio	Lower	Upper
70	100		
42	76.8	62.8	94.2
101	8.2	6.7	10.1
130	16.4	13.0	19.4



Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD

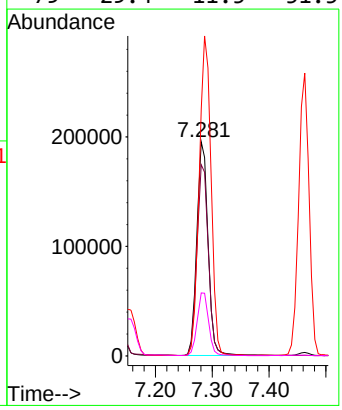
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Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

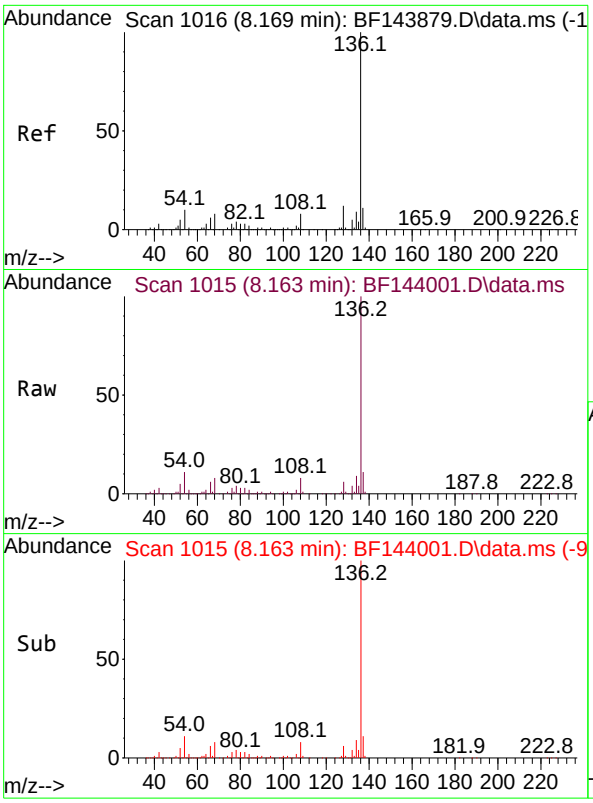


#20
3+4-Methylphenols
Concen: 45.251 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.018 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:107 Resp: 267791

Ion	Ratio	Lower	Upper
107	100		
108	89.3	73.0	113.0
77	115.1	64.6	104.6#
79	29.4	11.5	51.5

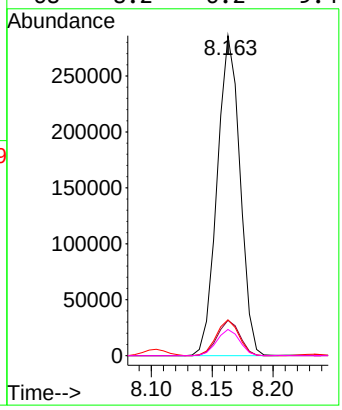




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:136 Resp: 371973

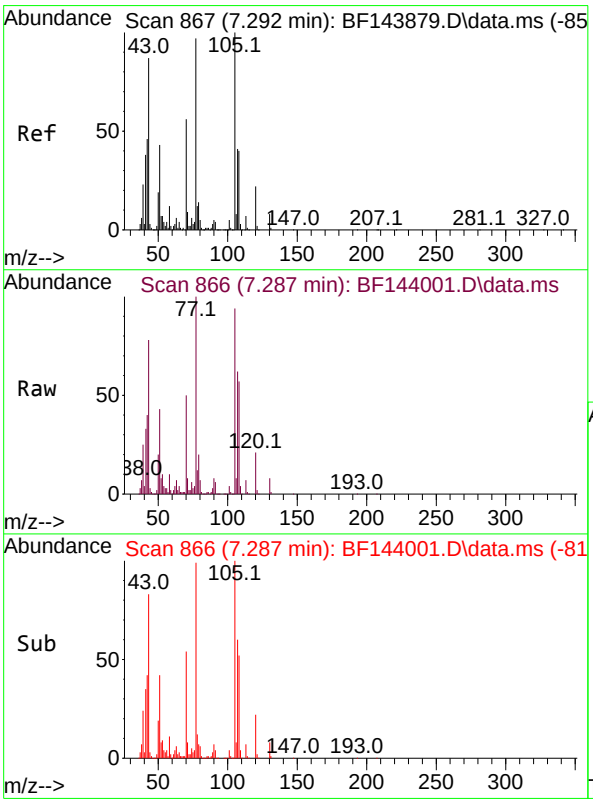
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	11.2	8.2	12.4
68	8.2	6.2	9.4



Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD

Manual Integrations
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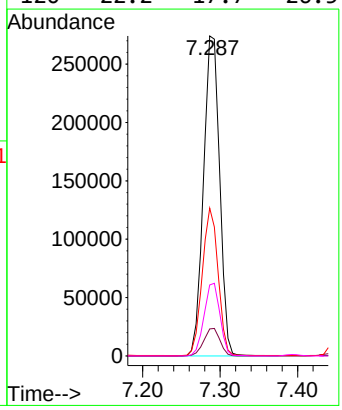
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

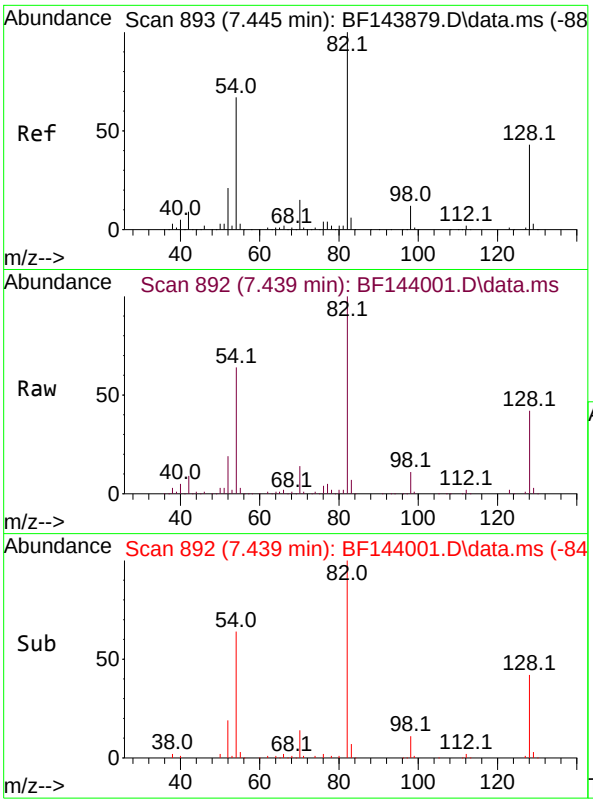


#22
Acetophenone
Concen: 50.507 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.018 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:105 Resp: 397242

Ion	Ratio	Lower	Upper
105	100		
71	8.4	7.4	11.0
51	46.2	34.2	51.4
120	22.2	17.7	26.5

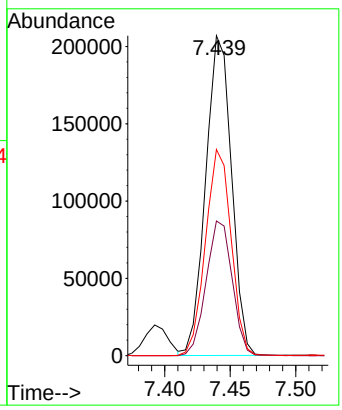




#23
Nitrobenzene-d5
Concen: 46.387 ng
RT: 7.439 min Scan# 89
Delta R.T. -0.018 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion: 82 Resp: 28400

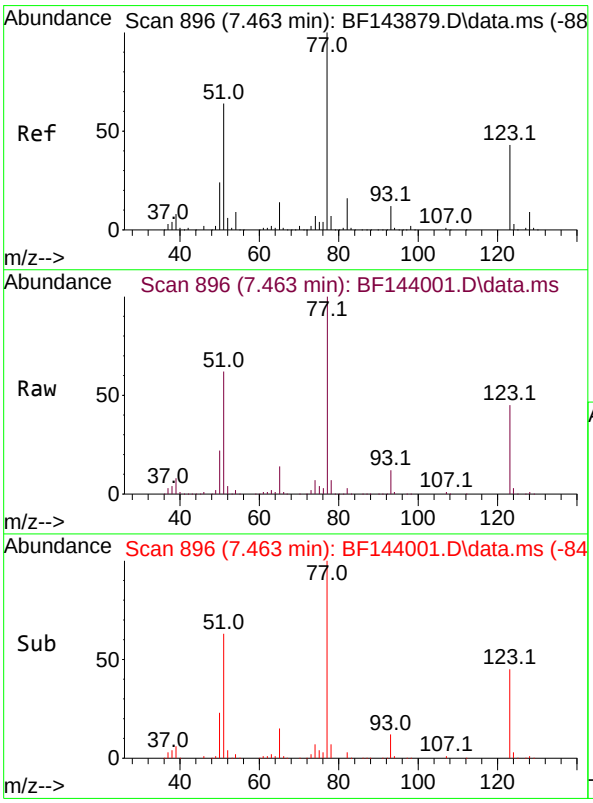
Ion	Ratio	Lower	Upper
82	100		
128	42.1	34.0	51.0
54	64.4	53.2	79.8



Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD

Manual Integrations
APPROVED

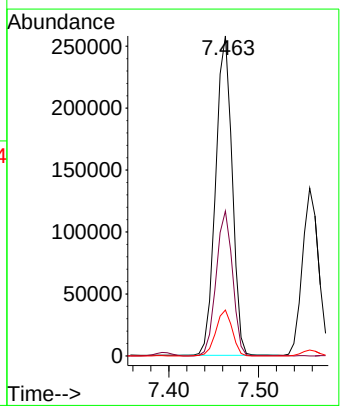
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

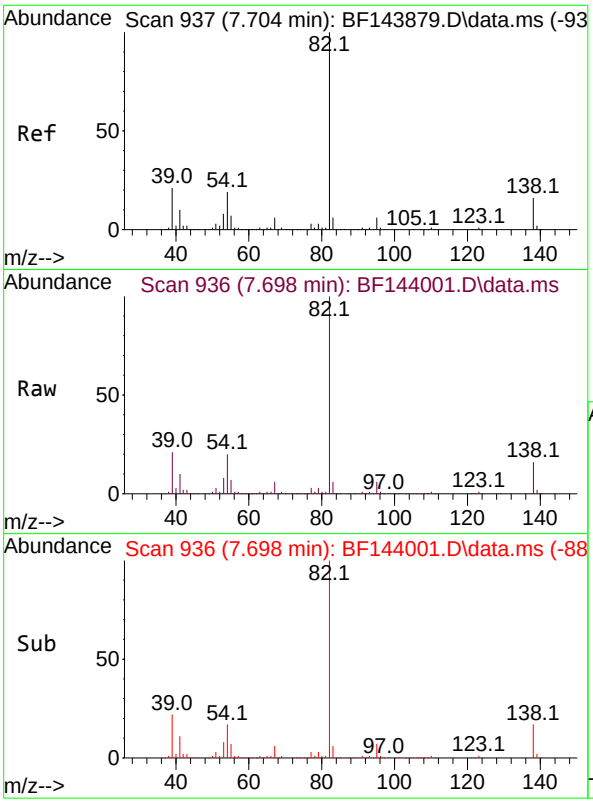


#24
Nitrobenzene
Concen: 48.565 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion: 77 Resp: 330200

Ion	Ratio	Lower	Upper
77	100		
123	45.3	34.2	51.4
65	14.3	11.0	16.6

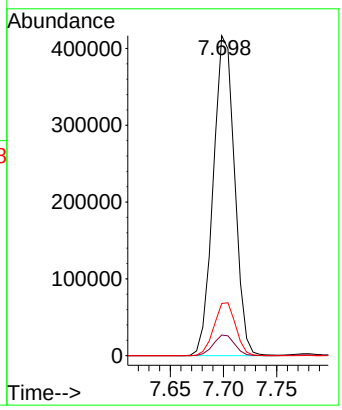




#25
Isophorone
Concen: 45.065 ng
RT: 7.698 min Scan# 9
Delta R.T. -0.023 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion: 82 Resp: 581778

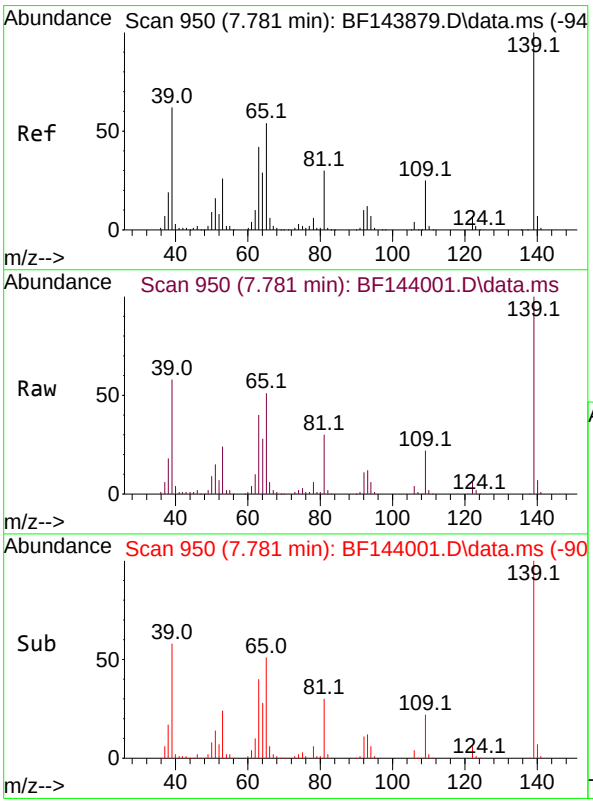
Ion	Ratio	Lower	Upper
82	100		
95	6.4	5.1	7.7
138	16.3	12.9	19.3



Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD

Manual Integrations
APPROVED

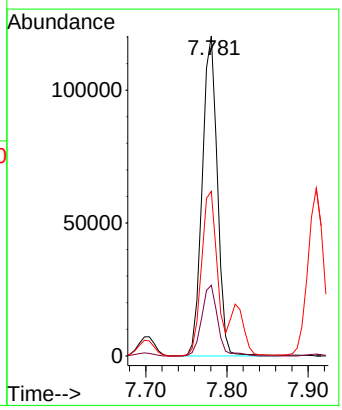
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

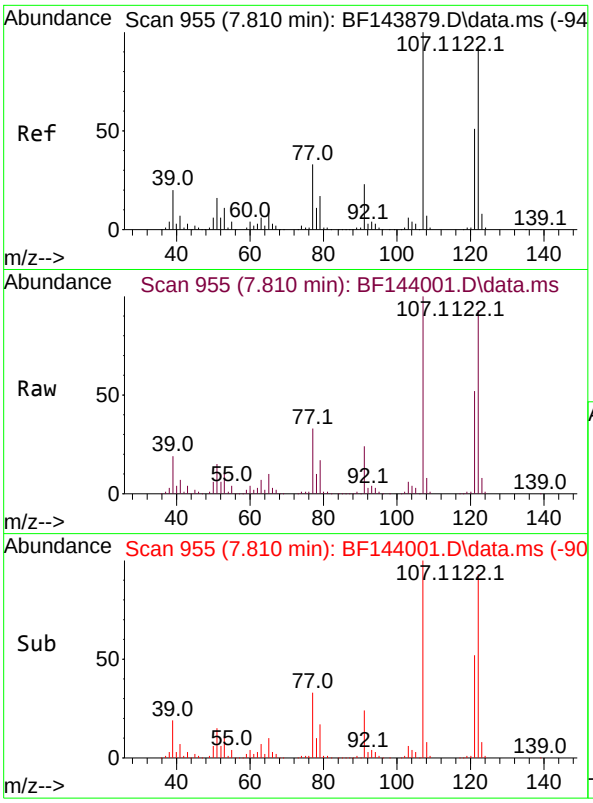


#26
2-Nitrophenol
Concen: 53.695 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:139 Resp: 156521

Ion	Ratio	Lower	Upper
139	100		
109	22.1	19.8	29.6
65	51.4	42.9	64.3

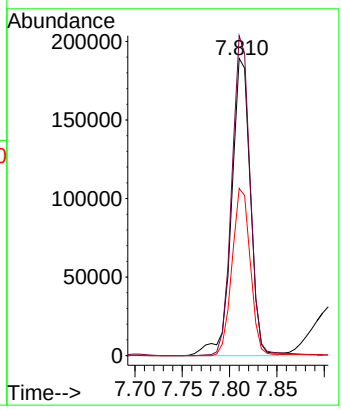




#27
2,4-Dimethylphenol
Concen: 50.078 ng
RT: 7.810 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:122 Resp: 26259

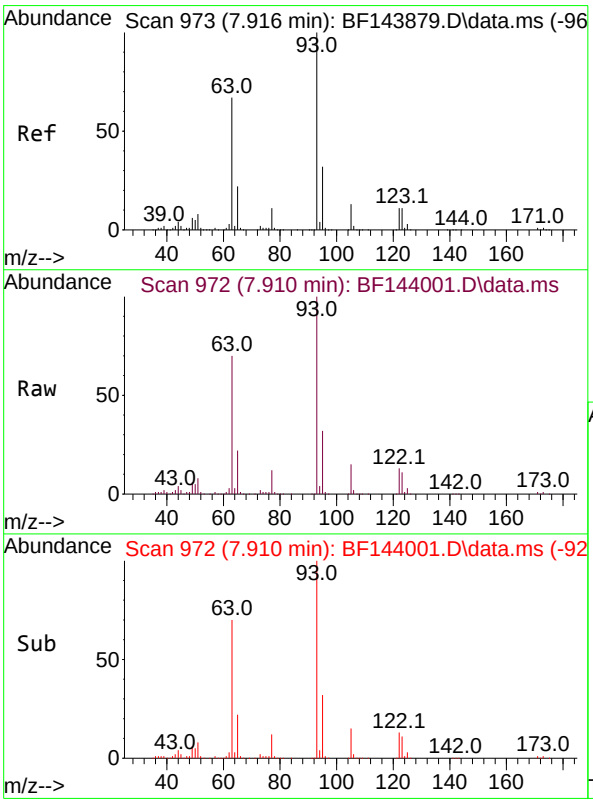
Ion	Ratio	Lower	Upper
122	100		
107	107.7	86.1	129.1
121	56.2	43.8	65.6



Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD

Manual Integrations
APPROVED

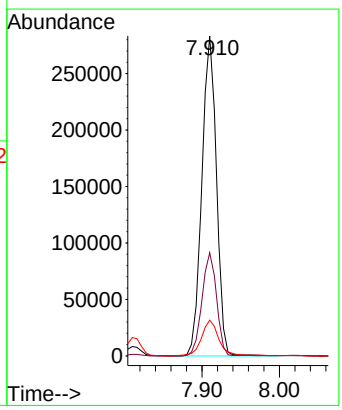
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

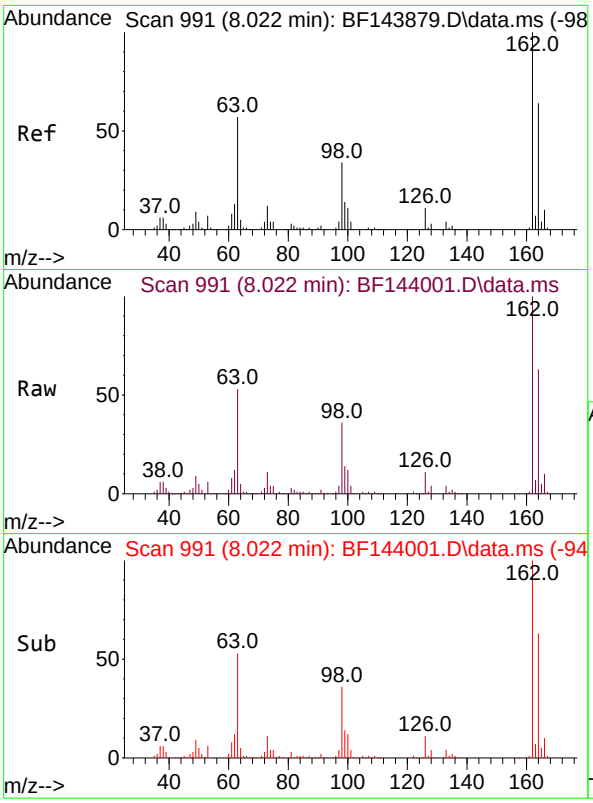


#28
bis(2-Chloroethoxy)methane
Concen: 45.407 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.012 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion: 93 Resp: 370290

Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.9	38.9
123	11.2	9.4	14.0

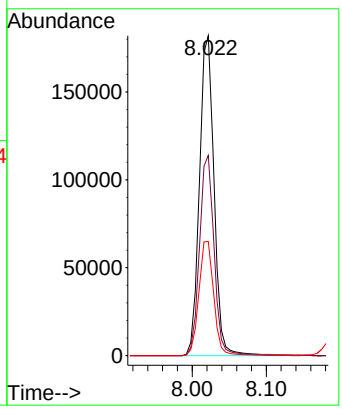




#29
2,4-Dichlorophenol
Concen: 45.533 ng
RT: 8.022 min Scan# 99
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:162 Resp: 24870

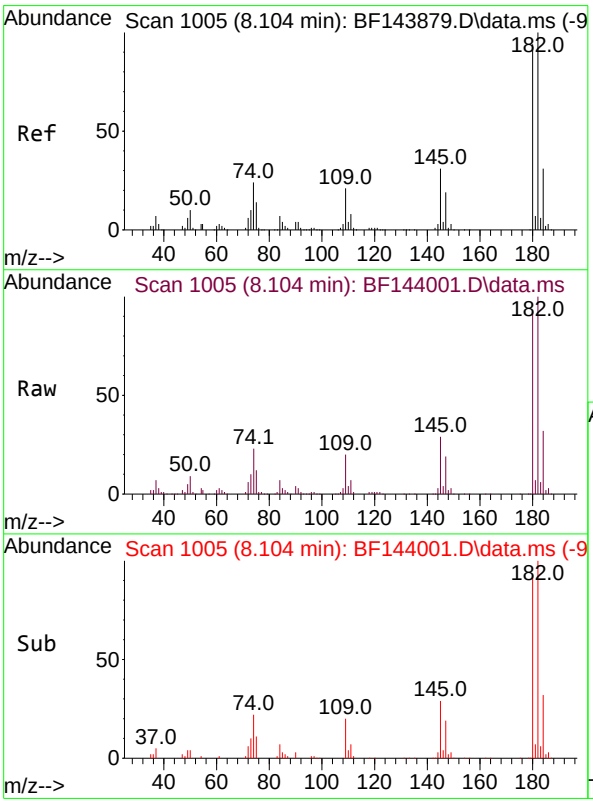
Ion	Ratio	Lower	Upper
162	100		
164	62.6	43.9	83.9
98	35.7	14.4	54.4



Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD

Manual Integrations
APPROVED

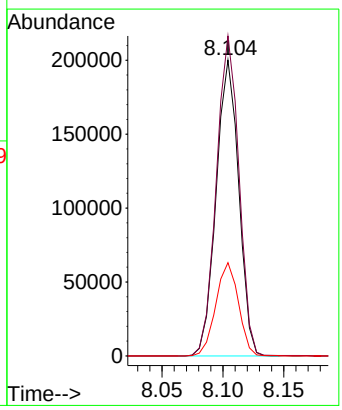
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

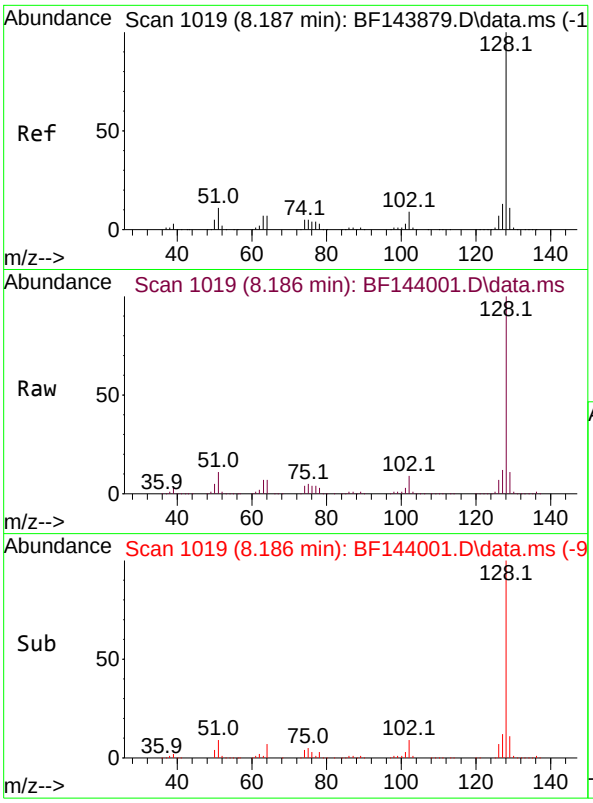


#30
1,2,4-Trichlorobenzene
Concen: 47.986 ng
RT: 8.104 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:180 Resp: 257772

Ion	Ratio	Lower	Upper
180	100		
182	108.2	85.4	128.0
145	31.5	26.3	39.5

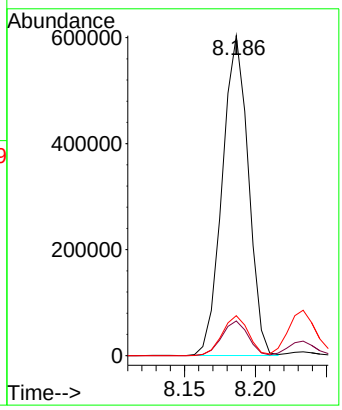




#31
Naphthalene
Concen: 45.519 ng
RT: 8.186 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:128 Resp: 77021

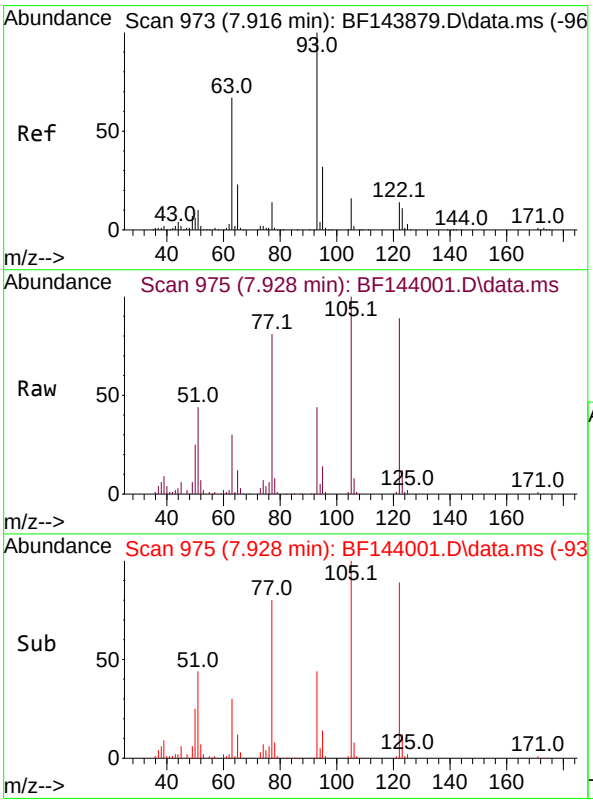
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	12.5	10.0	15.0



Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD

Manual Integrations
APPROVED

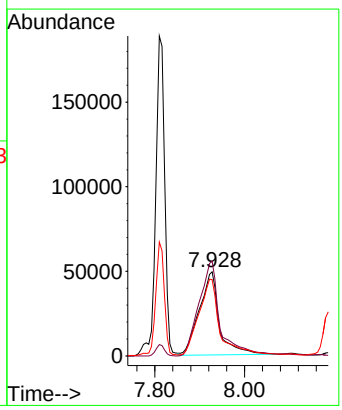
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

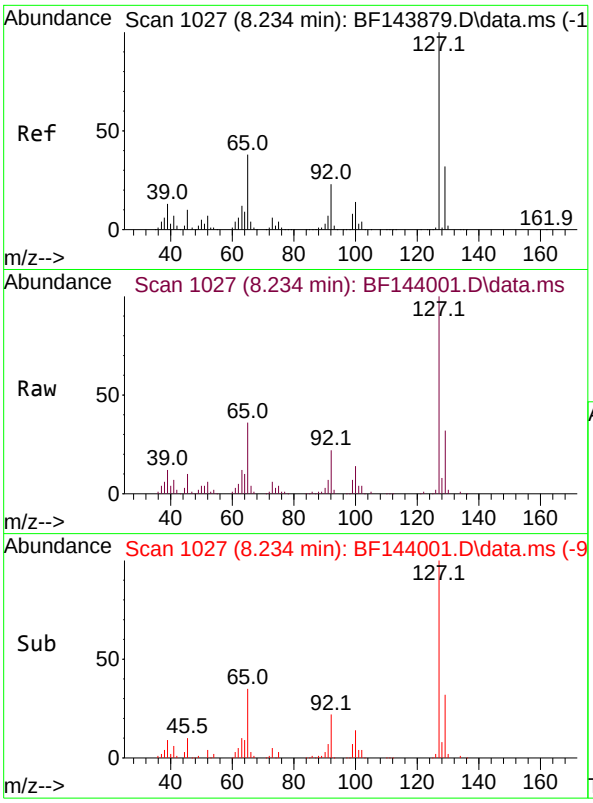


#32
Benzoic acid
Concen: 42.190 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.035 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:122 Resp: 153108

Ion	Ratio	Lower	Upper
122	100		
105	112.6	93.5	133.5
77	90.7	76.3	116.3

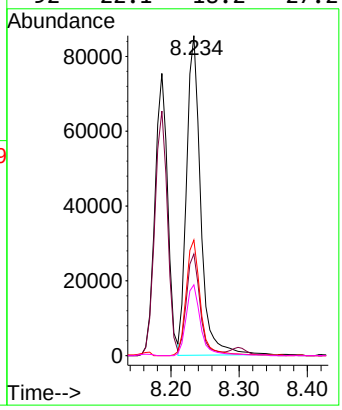




#33
4-Chloroaniline
Concen: 19.437 ng
RT: 8.234 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:127 Resp: 12334

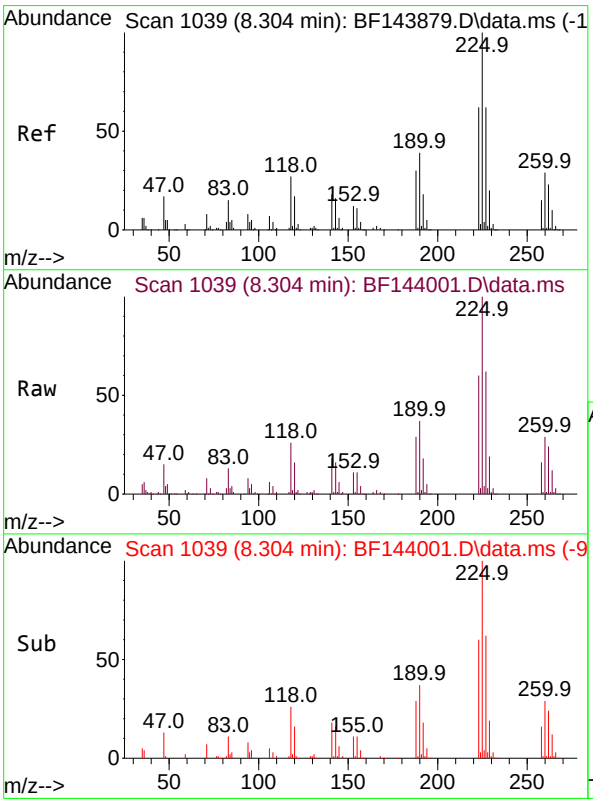
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.8	38.8
65	36.1	30.0	45.0
92	22.1	18.2	27.2



Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD

Manual Integrations
APPROVED

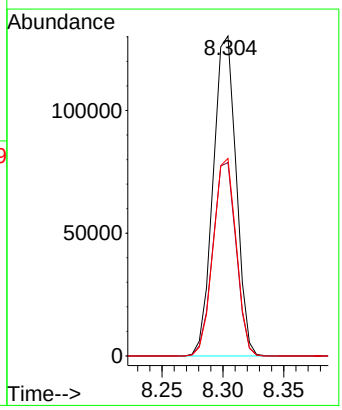
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

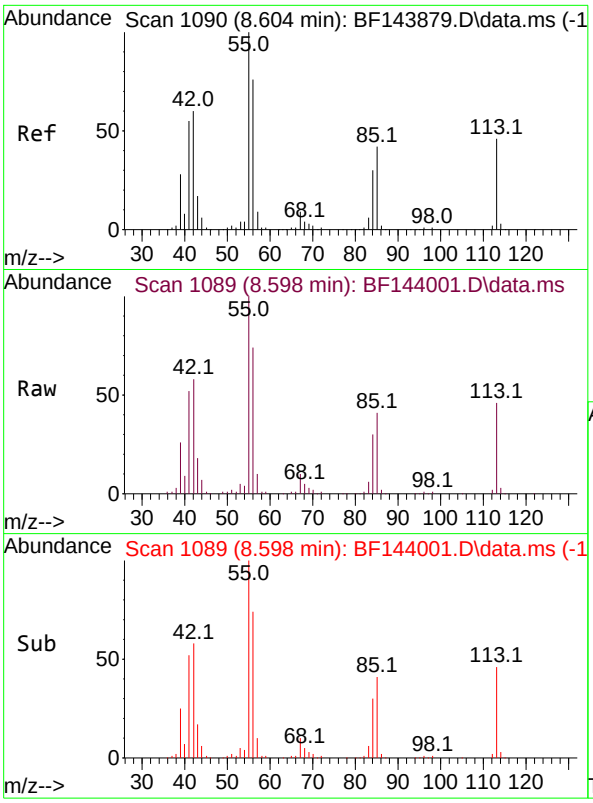


#34
Hexachlorobutadiene
Concen: 45.837 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:225 Resp: 171103

Ion	Ratio	Lower	Upper
225	100		
223	60.4	49.4	74.2
227	61.7	49.7	74.5

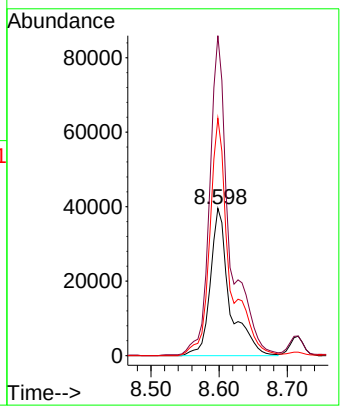




#35
Caprolactam
Concen: 45.033 ng
RT: 8.598 min Scan# 10
Delta R.T. -0.047 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:113 Resp: 7820

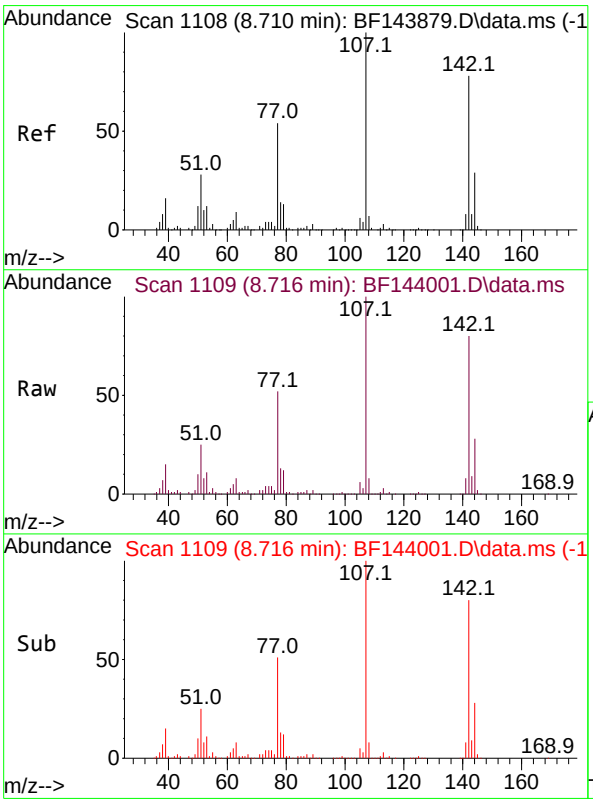
Ion	Ratio	Lower	Upper
113	100		
55	217.3	199.6	239.6
56	161.2	146.0	186.0



Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD

Manual Integrations
APPROVED

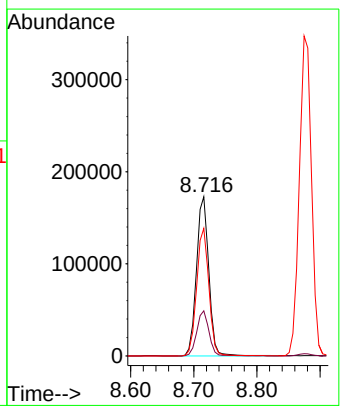
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

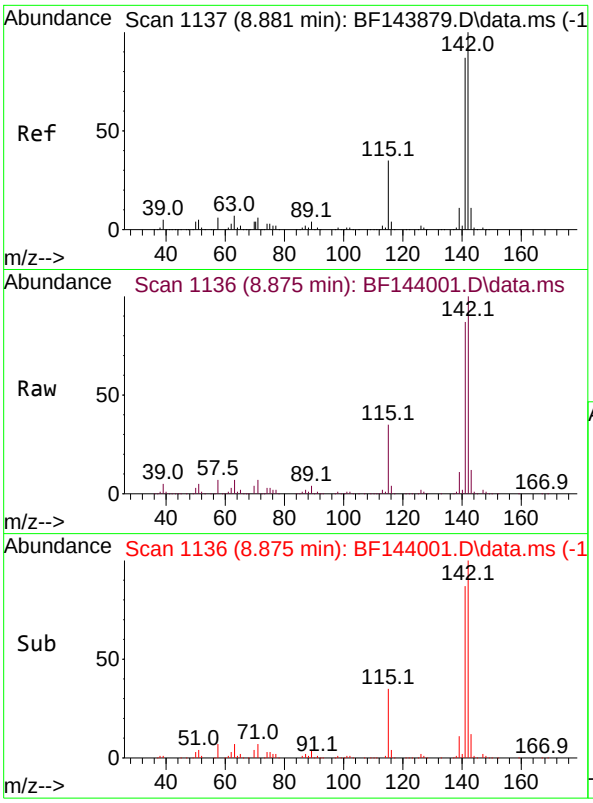


#36
4-Chloro-3-methylphenol
Concen: 44.644 ng
RT: 8.716 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:107 Resp: 234233

Ion	Ratio	Lower	Upper
107	100		
144	28.3	23.1	34.7
142	80.1	62.6	94.0

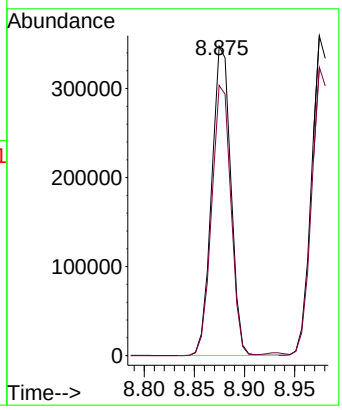




#37
2-Methylnaphthalene
Concen: 41.016 ng
RT: 8.875 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:142 Resp: 46230

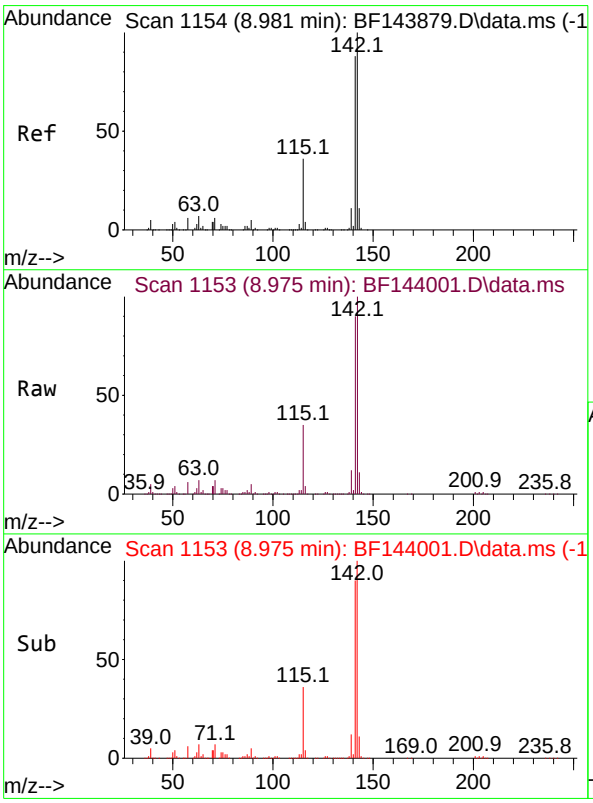
Ion	Ratio	Lower	Upper
142	100		
141	87.3	69.2	103.8



Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD

Manual Integrations
APPROVED

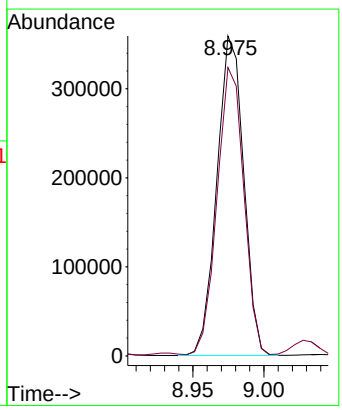
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

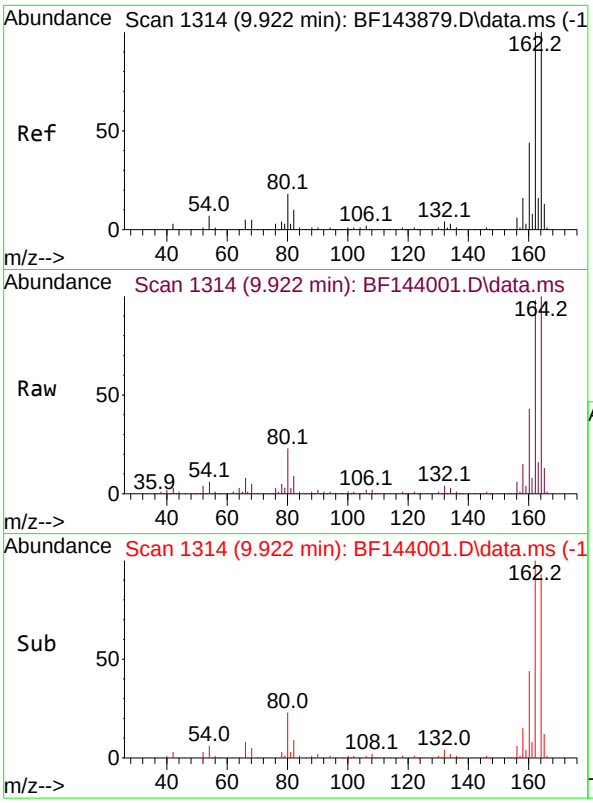


#38
1-Methylnaphthalene
Concen: 43.027 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.011 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:142 Resp: 470408

Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.8	106.2

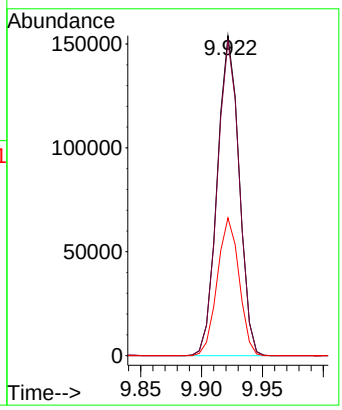




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1
Delta R.T. -0.005 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:164 Resp: 19267

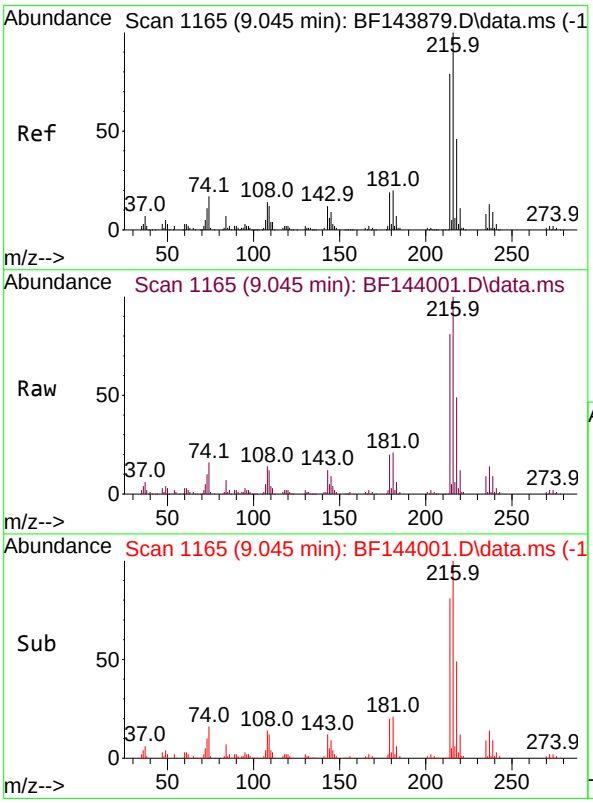
Ion	Ratio	Lower	Upper
164	100		
162	98.3	80.2	120.2
160	43.0	35.4	53.0



Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD

Manual Integrations
APPROVED

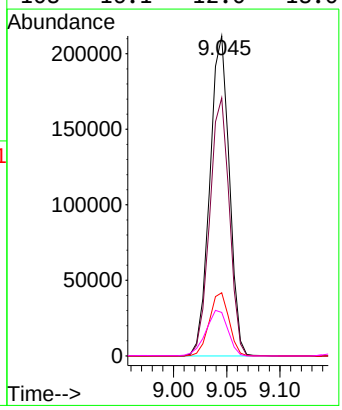
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

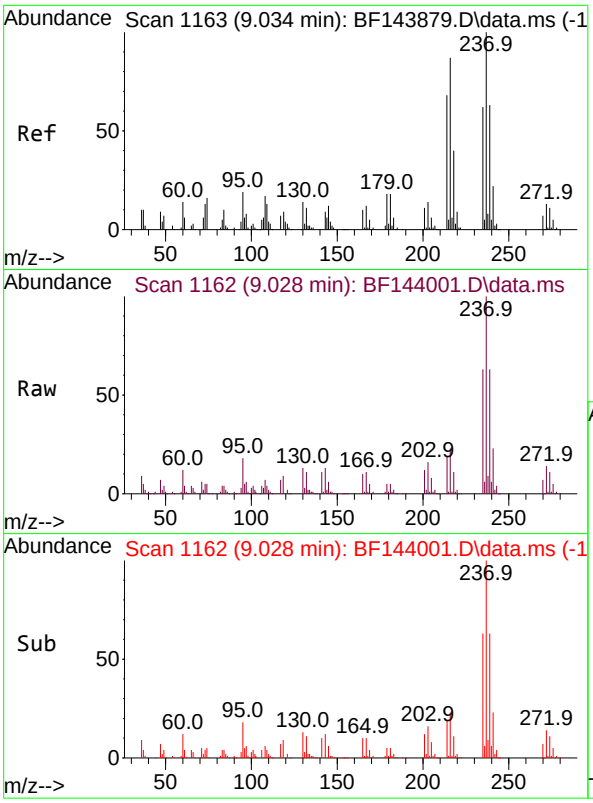


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.787 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:216 Resp: 270457

Ion	Ratio	Lower	Upper
216	100		
214	80.9	62.6	94.0
179	19.9	15.4	23.0
108	16.1	12.0	18.0

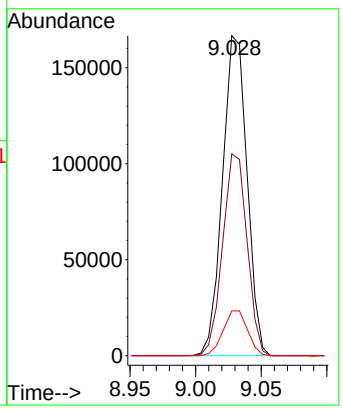




#41
Hexachlorocyclopentadiene
Concen: 98.353 ng
RT: 9.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:237 Resp: 21728

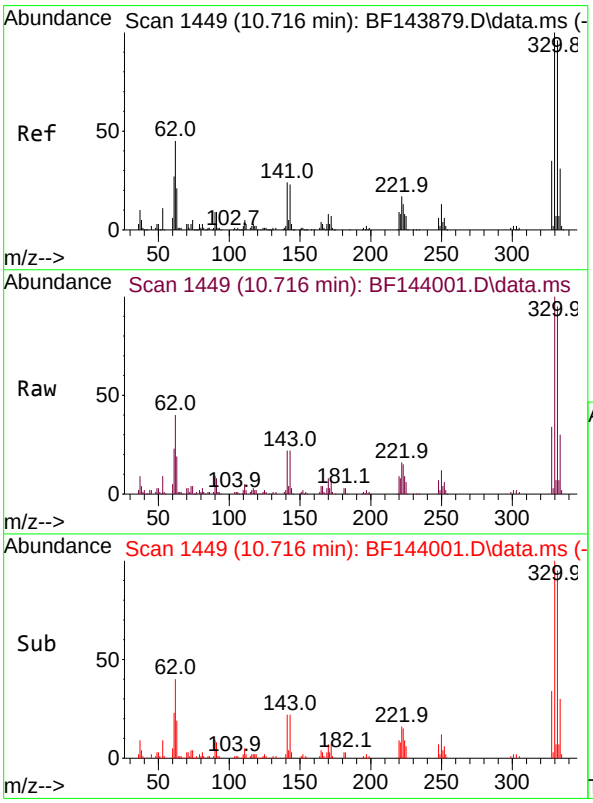
Ion	Ratio	Lower	Upper
237	100		
235	63.1	42.3	82.3
272	14.0	0.0	33.1



Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD

Manual Integrations
APPROVED

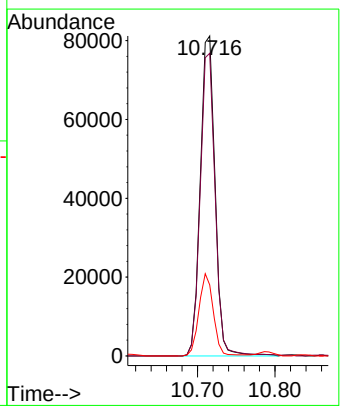
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

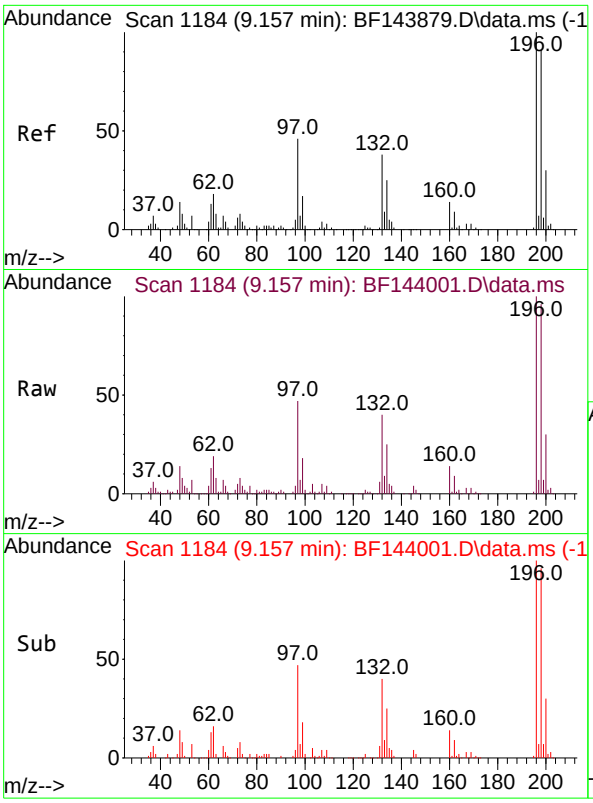


#42
2,4,6-Tribromophenol
Concen: 55.916 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:330 Resp: 107308

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.9	115.3
141	25.1	20.2	30.4

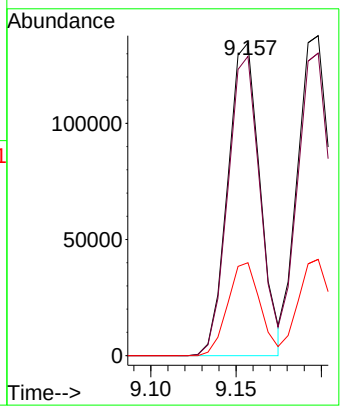




#43
2,4,6-Trichlorophenol
Concen: 45.503 ng
RT: 9.157 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:196 Resp: 17705

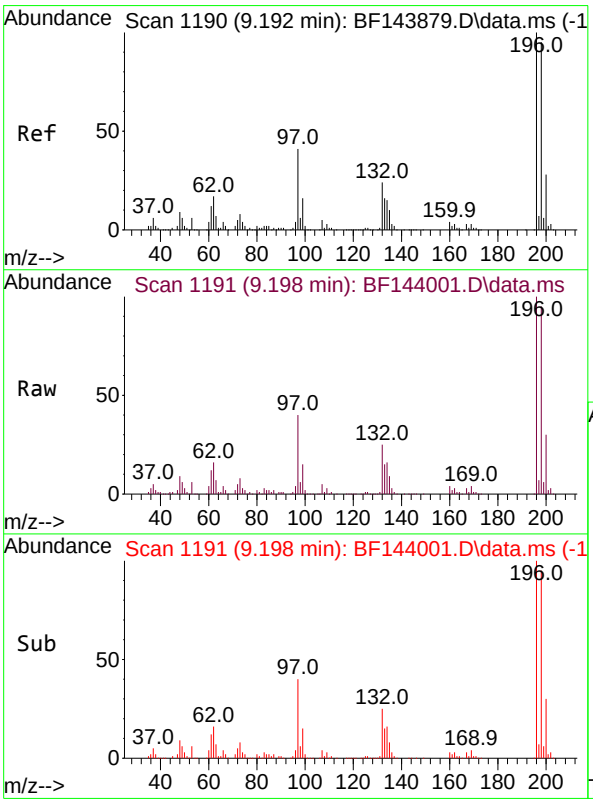
Ion	Ratio	Lower	Upper
196	100		
198	95.7	72.8	109.2
200	29.7	24.0	36.0



Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD

Manual Integrations
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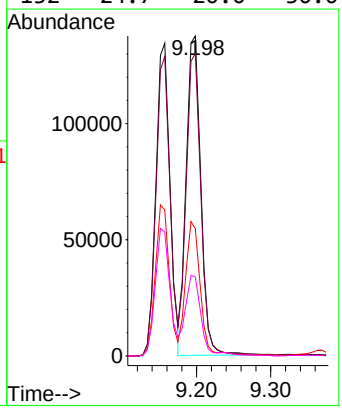
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

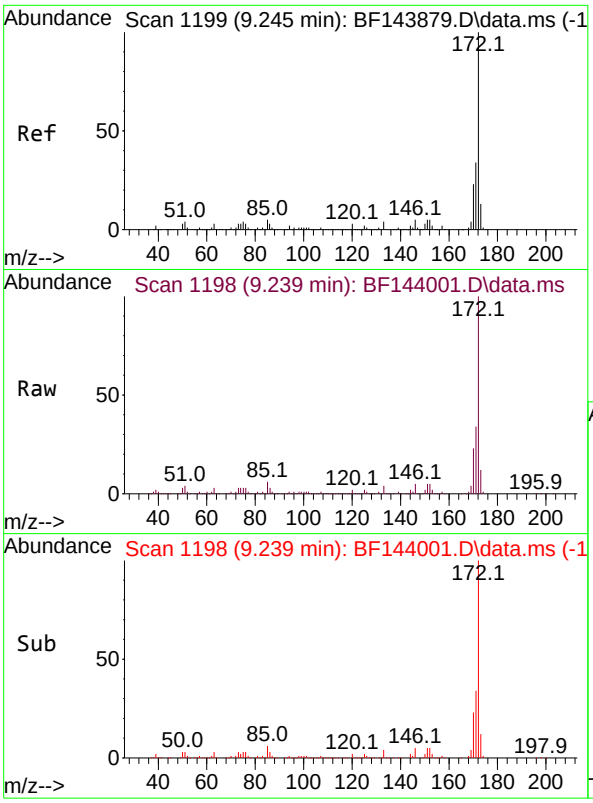


#44
2,4,5-Trichlorophenol
Concen: 46.289 ng
RT: 9.198 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:196 Resp: 190334

Ion	Ratio	Lower	Upper
196	100		
198	94.5	75.5	113.3
97	39.8	33.9	50.9
132	24.7	20.0	30.0

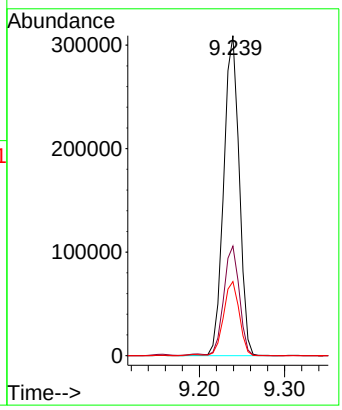




#45
2-Fluorobiphenyl
Concen: 32.157 ng
RT: 9.239 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:172 Resp: 39047

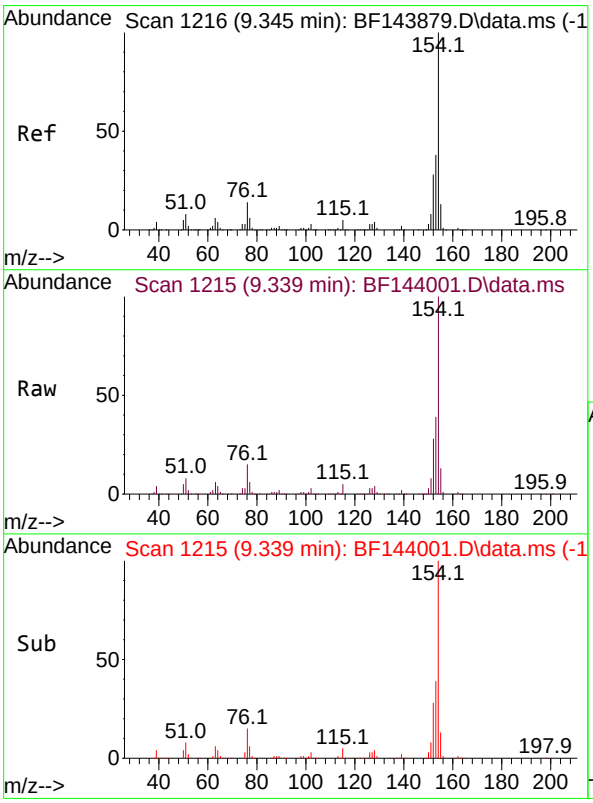
Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.4	41.0
170	23.1	18.6	28.0



Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD

Manual Integrations
APPROVED

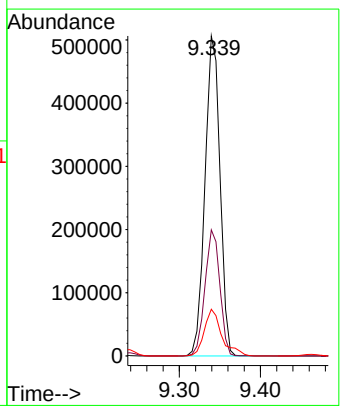
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

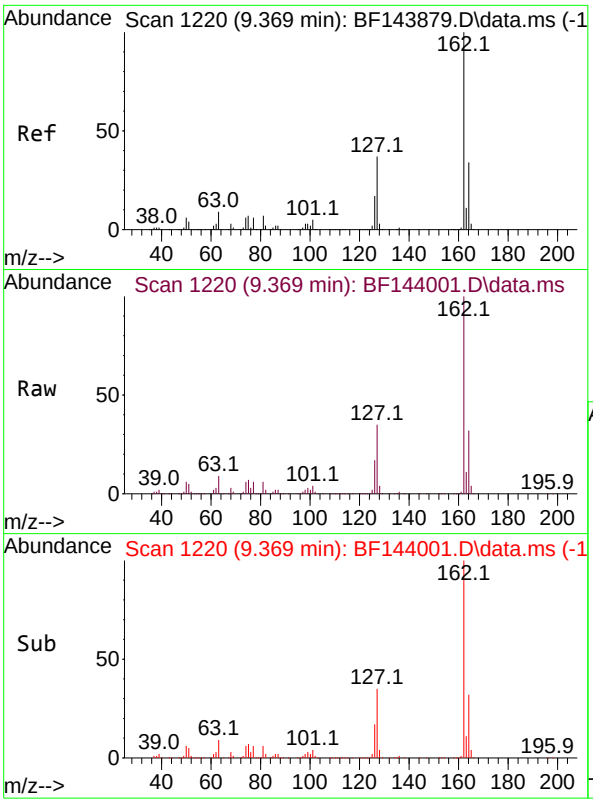


#46
1,1'-Biphenyl
Concen: 51.079 ng
RT: 9.339 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:154 Resp: 651603

Ion	Ratio	Lower	Upper
154	100		
153	39.4	18.4	58.4
76	14.6	0.0	34.0

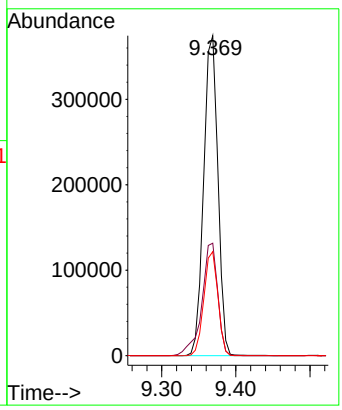




#47
2-Chloronaphthalene
Concen: 46.921 ng
RT: 9.369 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:162 Resp: 49905

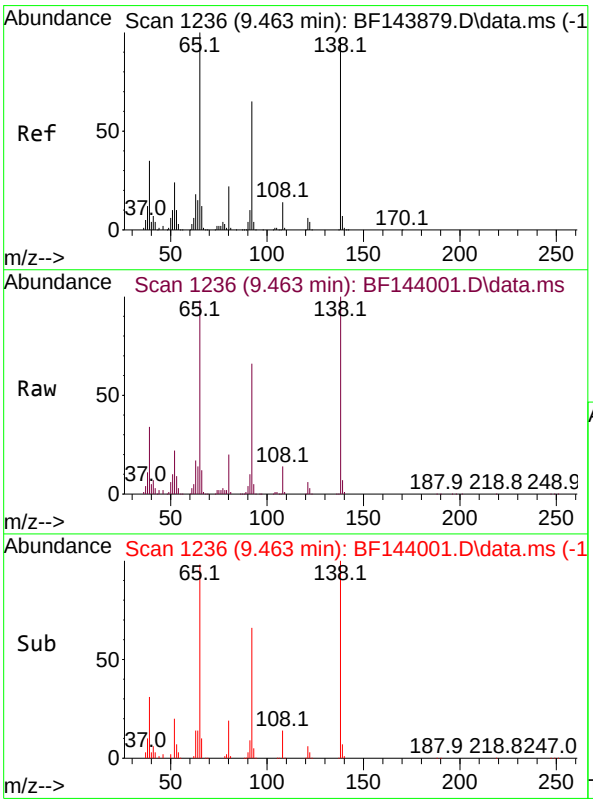
Ion	Ratio	Lower	Upper
162	100		
127	35.1	30.2	45.2
164	32.5	26.9	40.3



Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD

Manual Integrations
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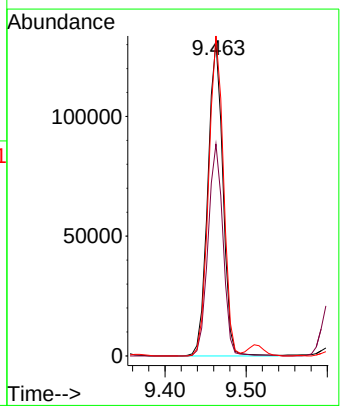
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

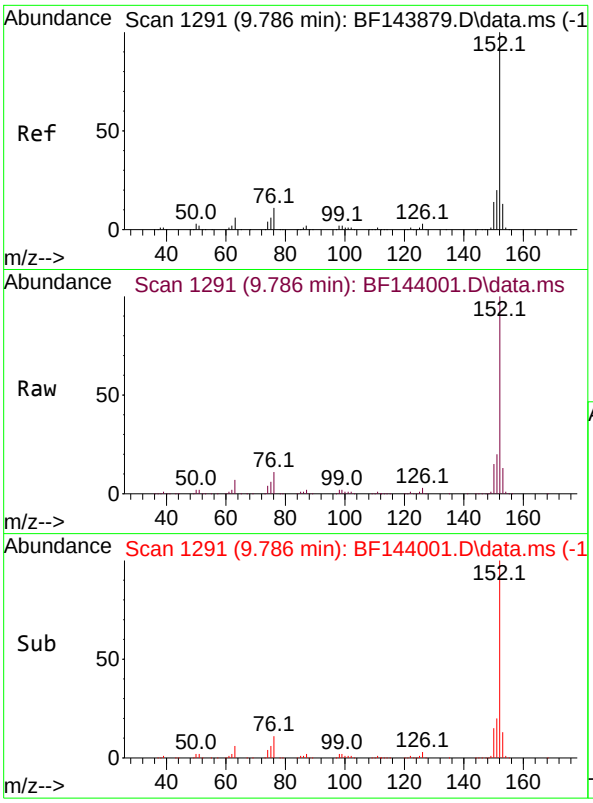


#48
2-Nitroaniline
Concen: 50.378 ng
RT: 9.463 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion: 65 Resp: 169406

Ion	Ratio	Lower	Upper
65	100		
92	67.4	52.1	78.1
138	101.9	77.4	116.2

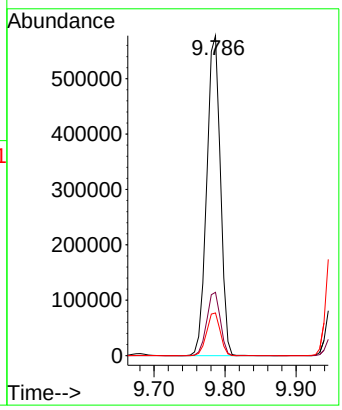




#49
Acenaphthylene
Concen: 51.437 ng
RT: 9.786 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:152 Resp: 76913

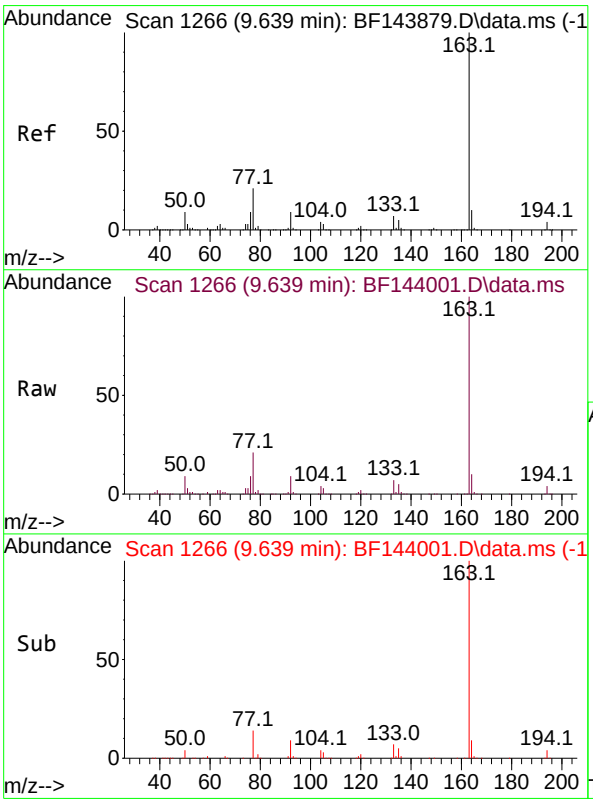
Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.6
153	13.3	10.5	15.7



Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD

Manual Integrations
APPROVED

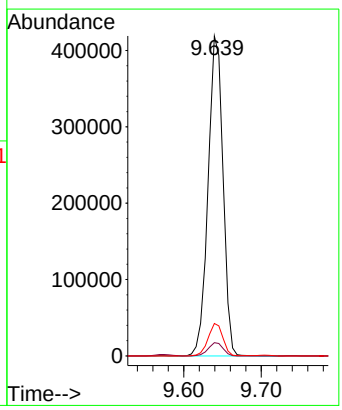
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

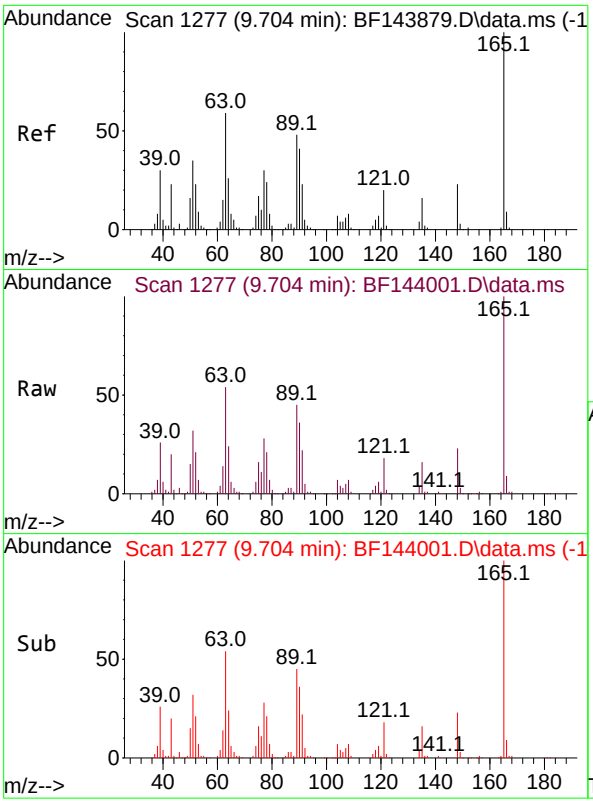


#50
Dimethylphthalate
Concen: 45.794 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:163 Resp: 560326

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.1	8.1	12.1

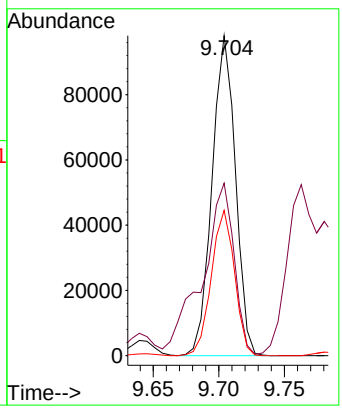




#51
2,6-Dinitrotoluene
Concen: 53.686 ng
RT: 9.704 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:165 Resp: 12180

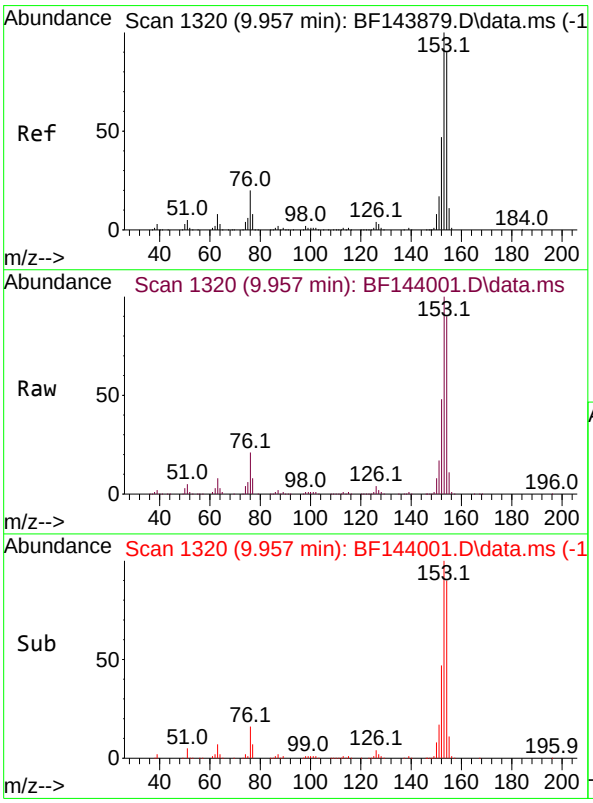
Ion	Ratio	Lower	Upper
165	100		
63	53.9	47.3	70.9
89	45.4	38.2	57.4



Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD

Manual Integrations
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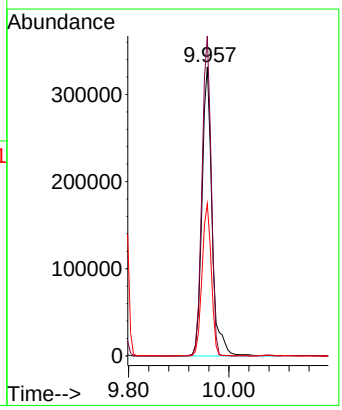
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

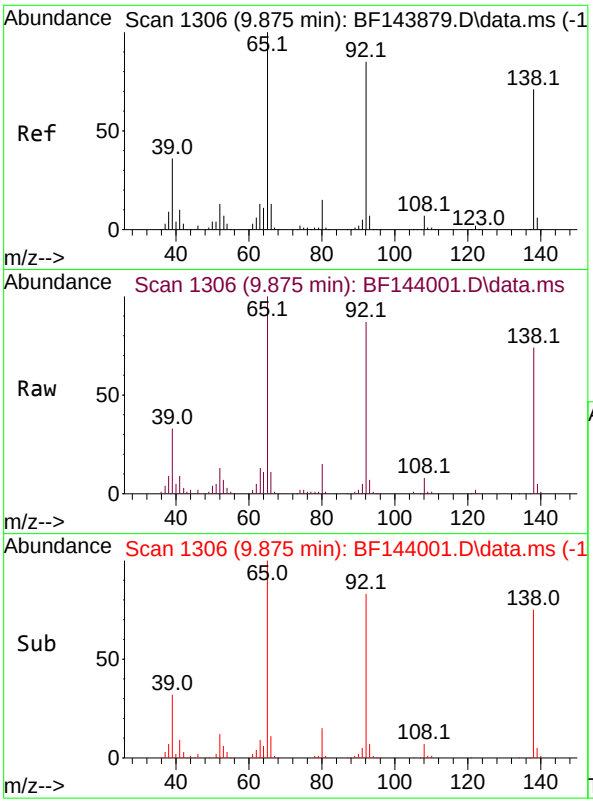


#52
Acenaphthene
Concen: 47.023 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:154 Resp: 460729

Ion	Ratio	Lower	Upper
154	100		
153	110.7	89.3	133.9
152	52.6	42.2	63.2





#53
3-Nitroaniline
Concen: 29.336 ng
RT: 9.875 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

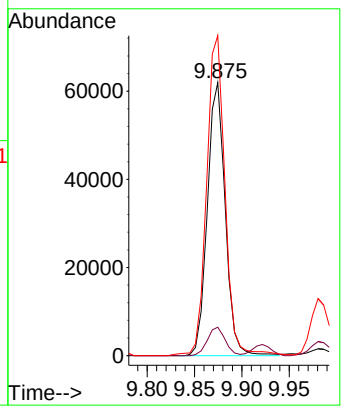
Tgt Ion:138 Resp: 8150

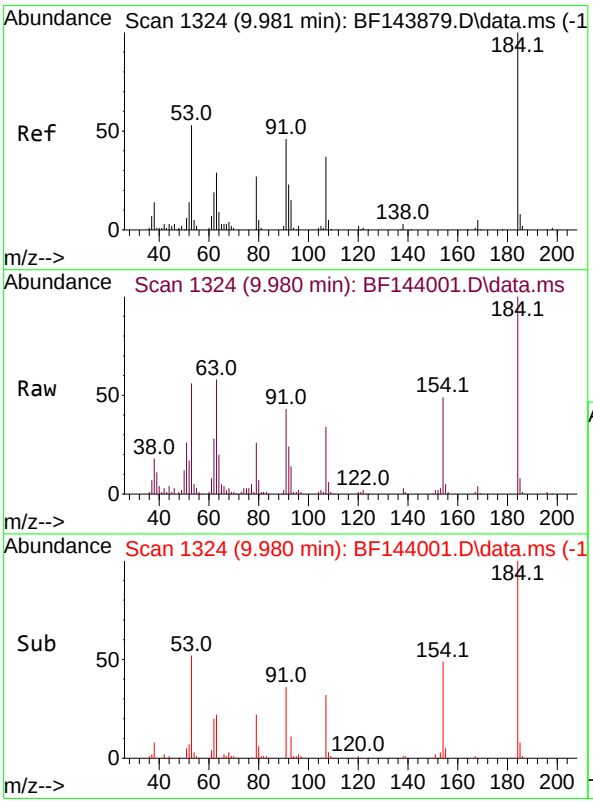
Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.3	12.5
92	117.2	96.2	144.2

Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD

Manual Integrations
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Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

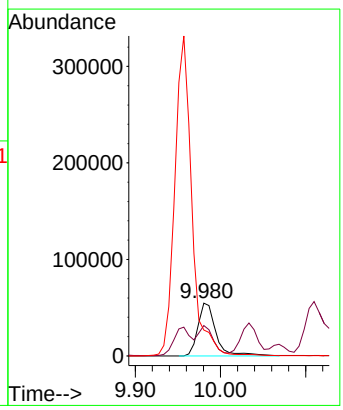


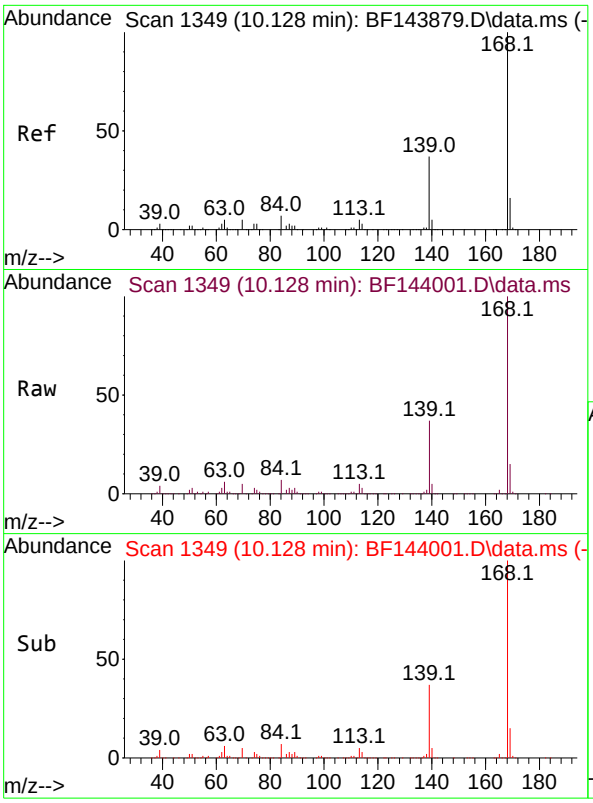


#54
2,4-Dinitrophenol
Concen: 59.400 ng
RT: 9.980 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:184 Resp: 80393

Ion	Ratio	Lower	Upper
184	100		
63	57.7	48.2	72.4
154	49.1	49.2	73.8#

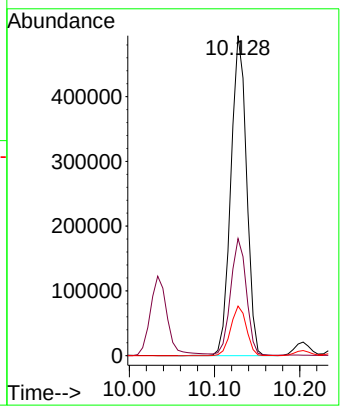




#55
Dibenzofuran
Concen: 45.656 ng
RT: 10.128 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:168 Resp: 63146

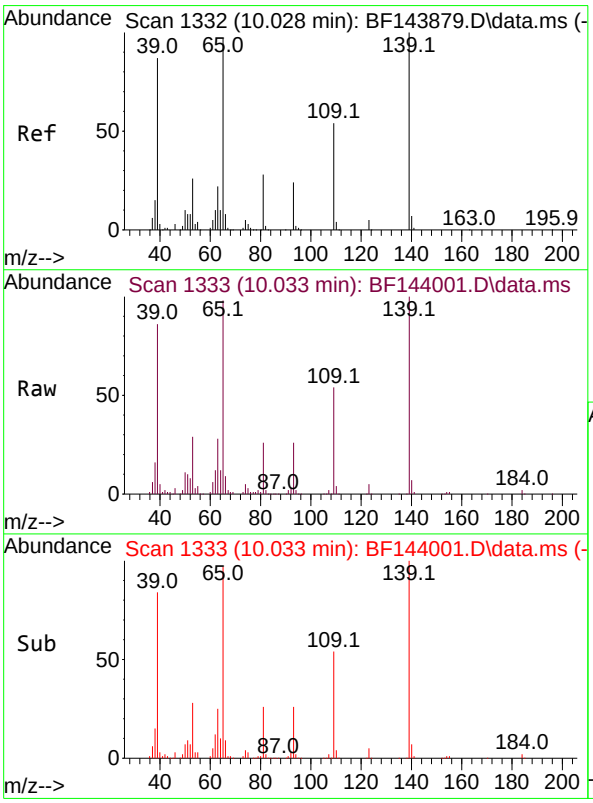
Ion	Ratio	Lower	Upper
168	100		
139	36.6	29.8	44.8
169	15.5	12.8	19.2



Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD

Manual Integrations
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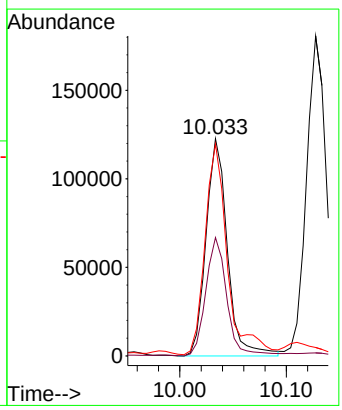
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

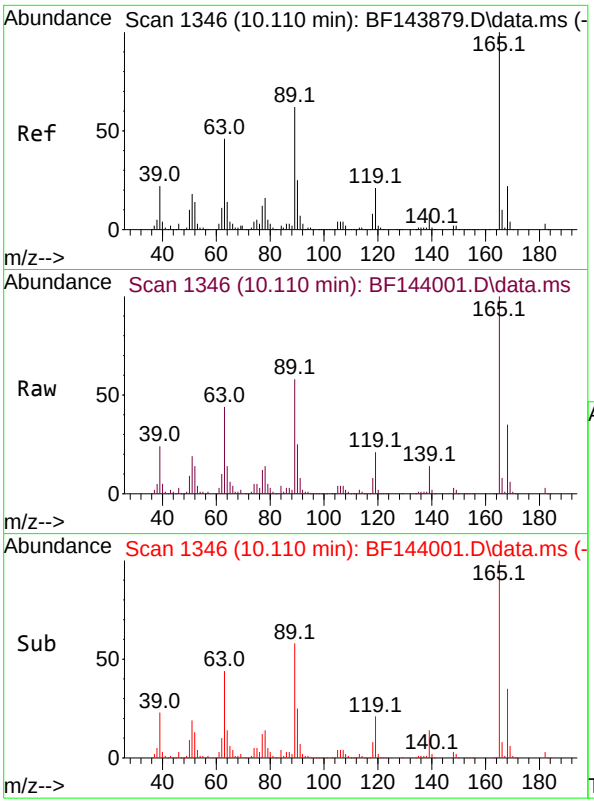


#56
4-Nitrophenol
Concen: 81.114 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:139 Resp: 170624

Ion	Ratio	Lower	Upper
139	100		
109	54.5	34.5	74.5
65	97.6	77.6	117.6

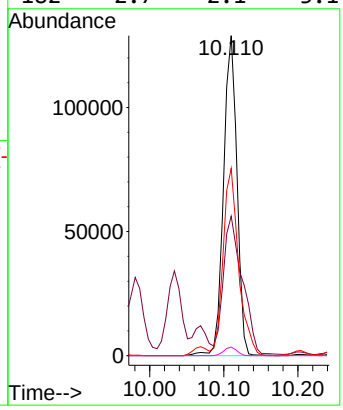




#57
2,4-Dinitrotoluene
Concen: 52.513 ng
RT: 10.110 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:165 Resp: 16211

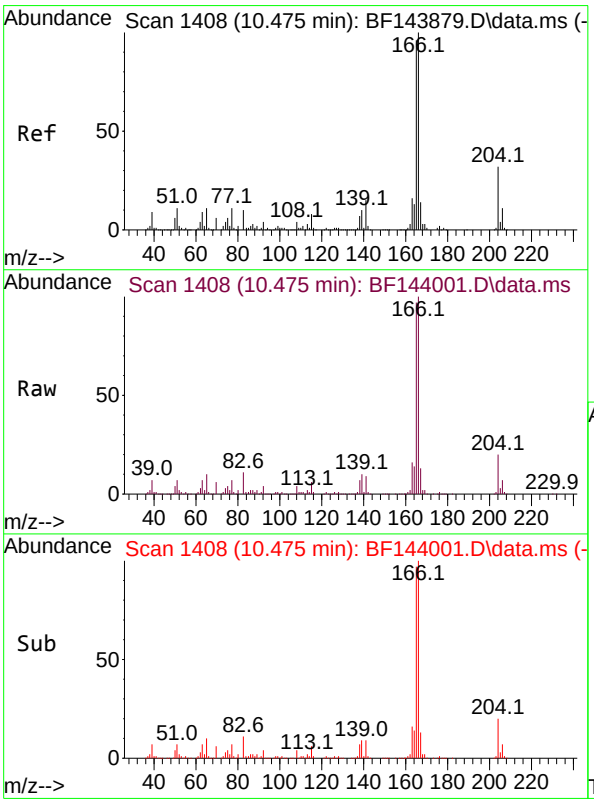
Ion	Ratio	Lower	Upper
165	100		
63	43.6	37.2	55.8
89	58.5	49.4	74.2
182	2.7	2.1	3.1



Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD

Manual Integrations
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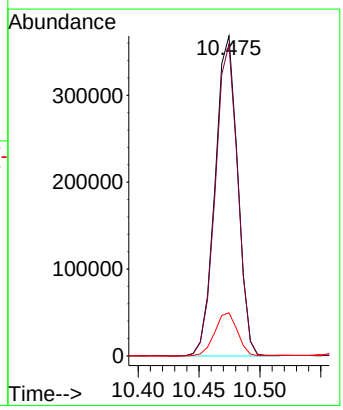
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

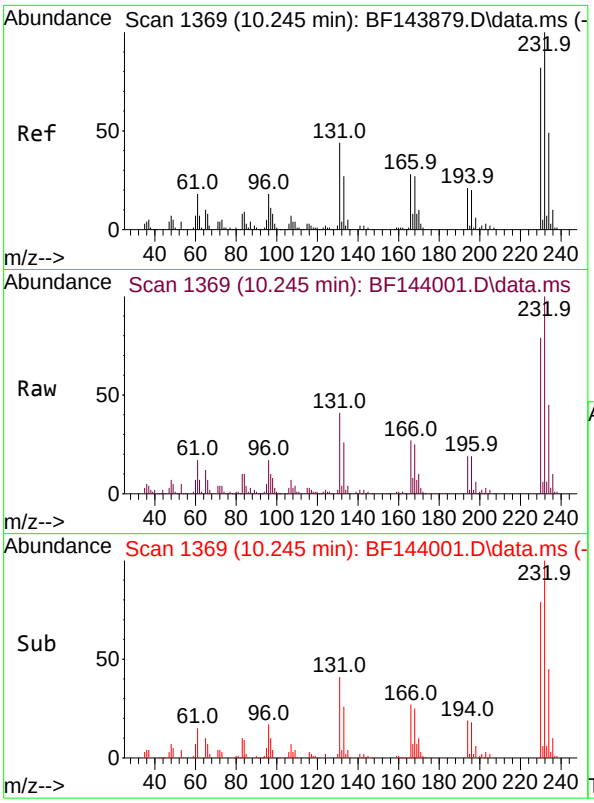


#58
Fluorene
Concen: 45.380 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:166 Resp: 473608

Ion	Ratio	Lower	Upper
166	100		
165	97.3	77.0	115.6
167	13.5	11.1	16.7

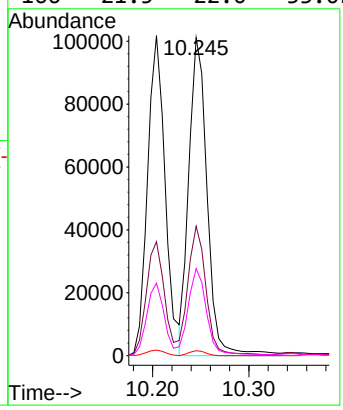




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.838 ng m
RT: 10.245 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:232 Resp: 13342

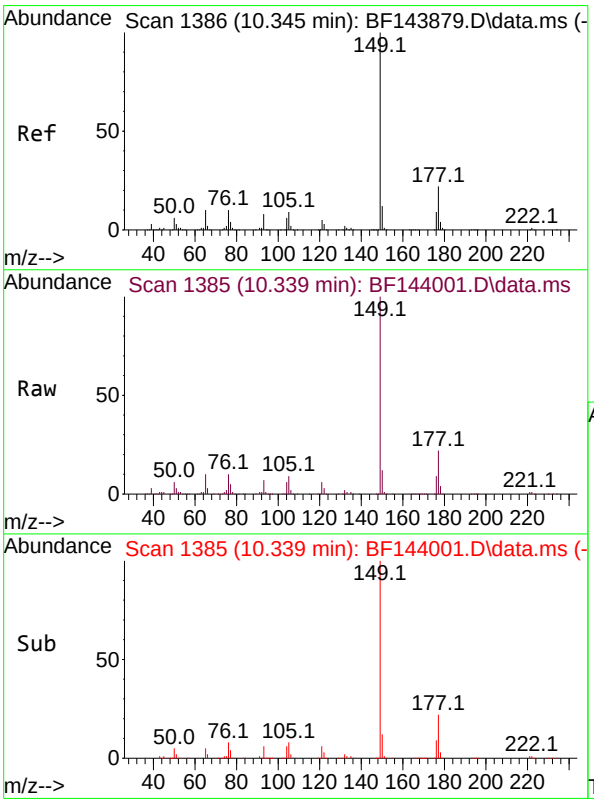
Ion	Ratio	Lower	Upper
232	100		
131	34.7	34.9	52.3#
130	1.7	1.6	2.4
166	21.5	22.0	33.0#



Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD

Manual Integrations
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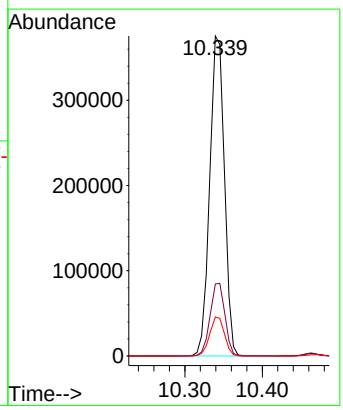
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

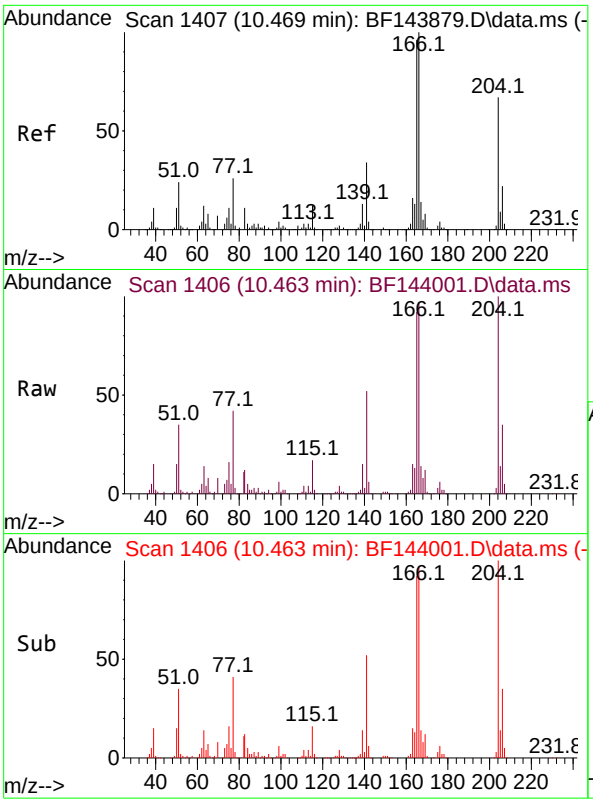


#60
Diethylphthalate
Concen: 43.627 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.012 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:149 Resp: 495909

Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.9	26.9
150	12.2	9.8	14.8

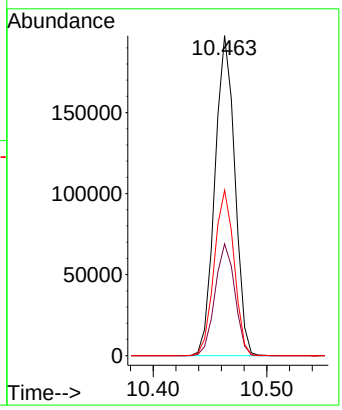




#61
4-Chlorophenyl-phenylether
Concen: 43.601 ng
RT: 10.463 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:204 Resp: 24057

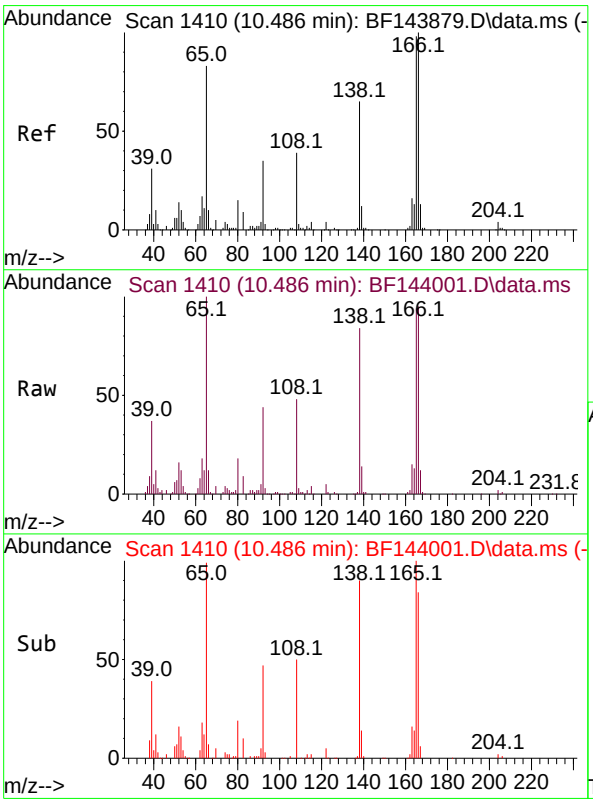
Ion	Ratio	Lower	Upper
204	100		
206	34.9	26.6	40.0
141	51.7	40.4	60.6



Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD

Manual Integrations
APPROVED

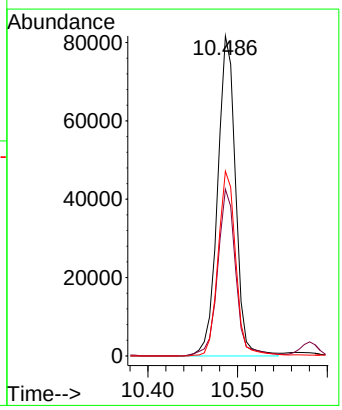
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

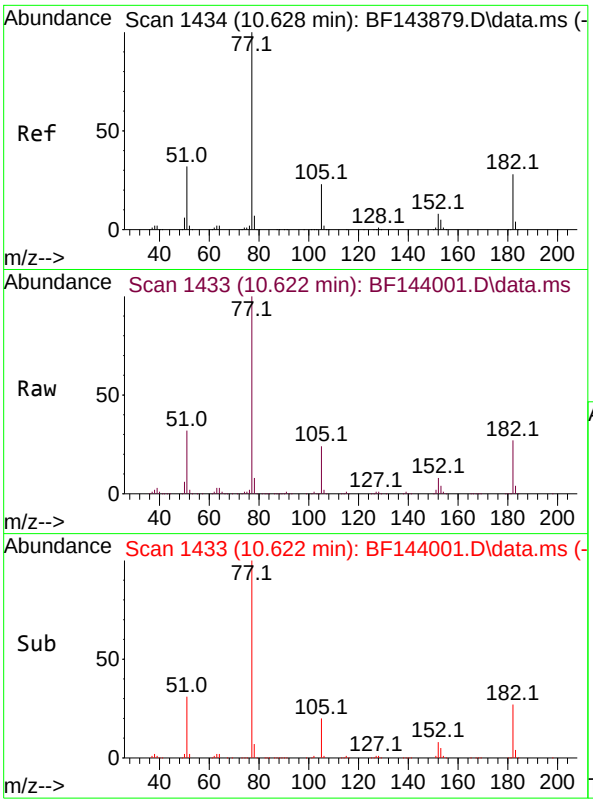


#62
4-Nitroaniline
Concen: 42.604 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.023 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:138 Resp: 113819

Ion	Ratio	Lower	Upper
138	100		
92	52.1	33.9	73.9
108	57.7	40.2	80.2

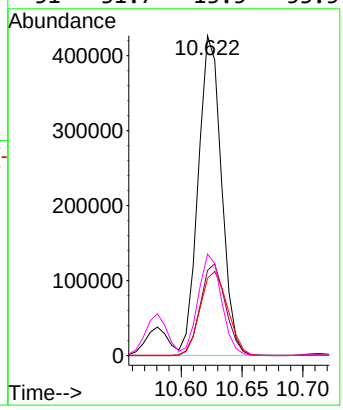




#63
Azobenzene
Concen: 47.463 ng
RT: 10.622 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion: 77 Resp: 56387

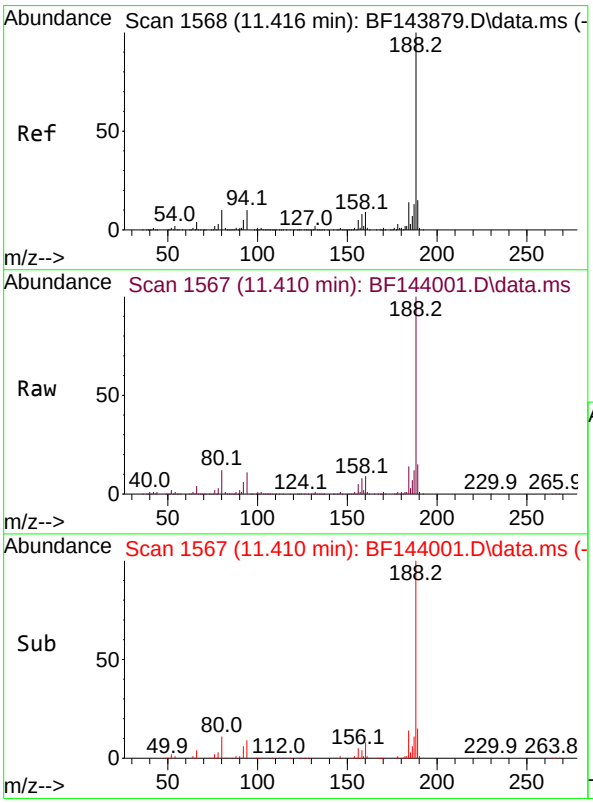
Ion	Ratio	Lower	Upper
77	100		
182	26.6	7.3	47.3
105	24.1	3.0	43.0
51	31.7	13.5	53.5



Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD

Manual Integrations
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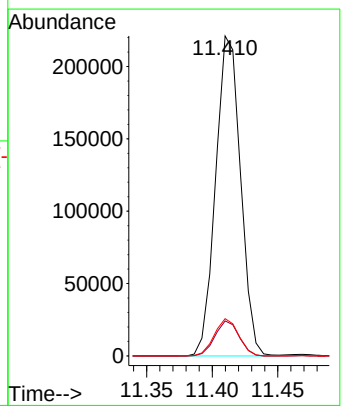
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

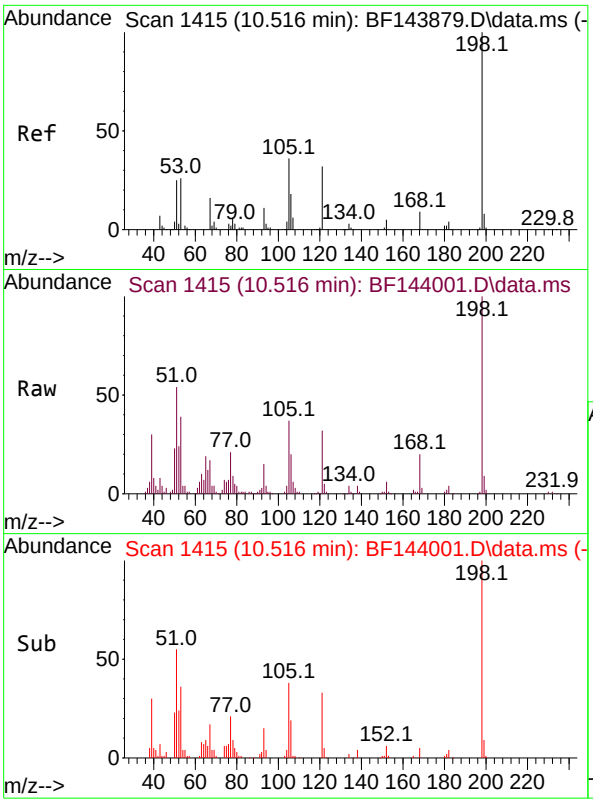


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:188 Resp: 292615

Ion	Ratio	Lower	Upper
188	100		
94	10.9	7.8	11.6
80	11.6	7.9	11.9

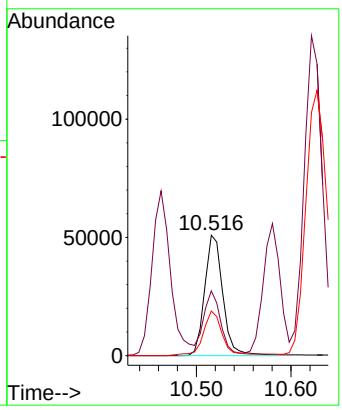




#65
4,6-Dinitro-2-methylphenol
Concen: 46.221 ng
RT: 10.516 min Scan# 14
Delta R.T. -0.018 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:198 Resp: 6796

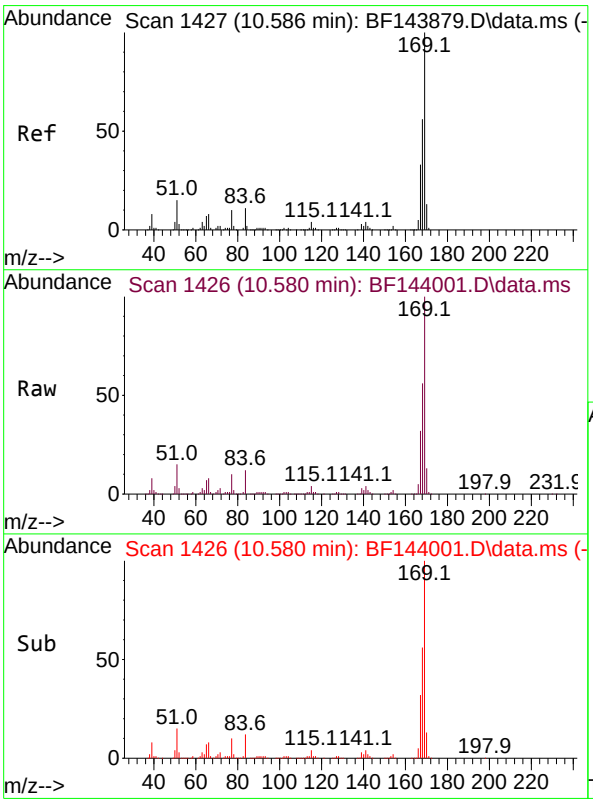
Ion	Ratio	Lower	Upper
198	100		
51	53.7	33.8	73.8
105	37.0	17.0	57.0



Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD

Manual Integrations
APPROVED

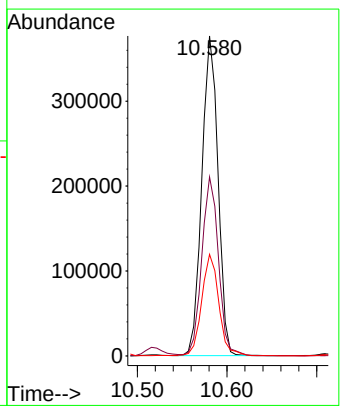
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

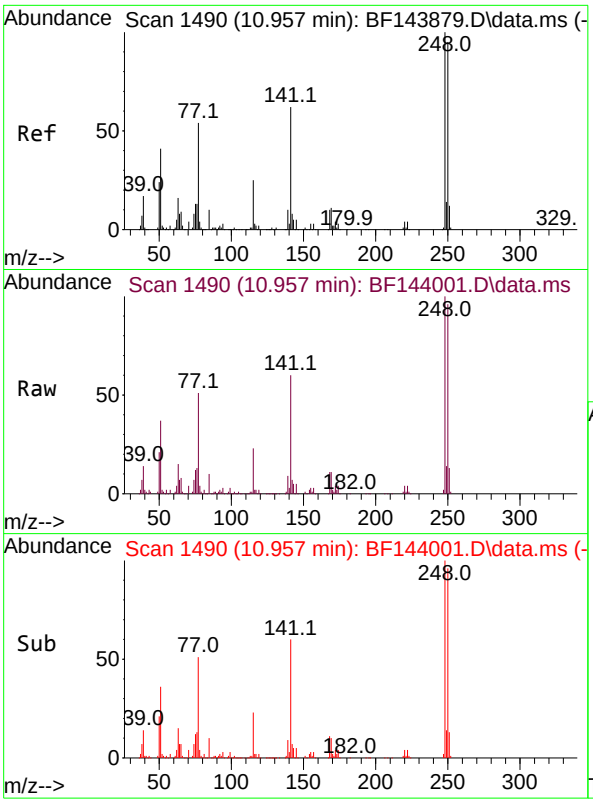


#66
n-Nitrosodiphenylamine
Concen: 51.409 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:169 Resp: 472341

Ion	Ratio	Lower	Upper
169	100		
168	55.9	44.9	67.3
167	31.7	26.3	39.5

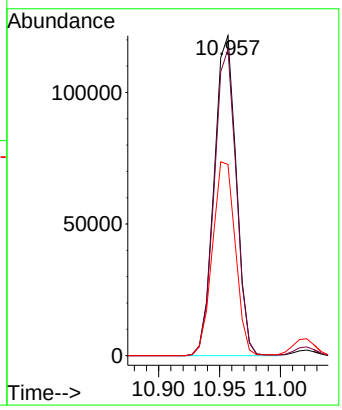




#67
4-Bromophenyl-phenylether
Concen: 47.425 ng
RT: 10.957 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:248 Resp: 15336

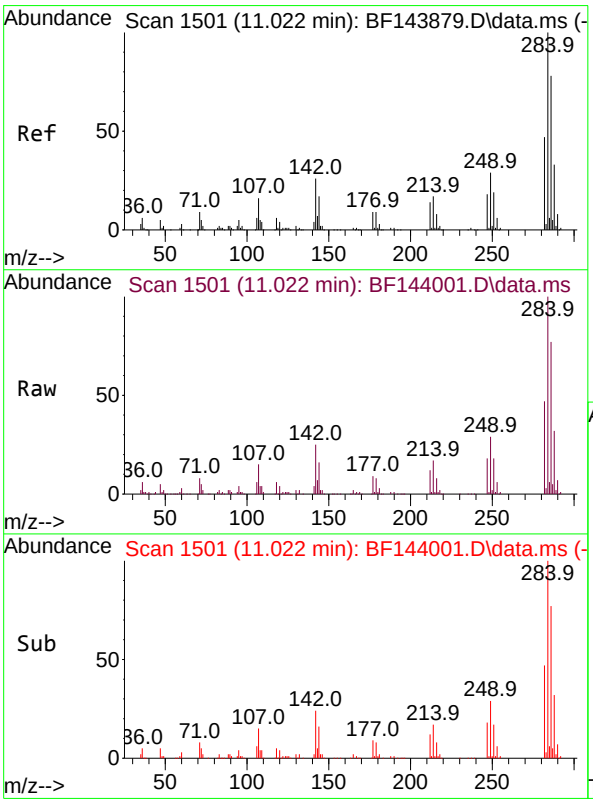
Ion	Ratio	Lower	Upper
248	100		
250	95.7	76.3	114.5
141	59.7	49.7	74.5



Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD

Manual Integrations
APPROVED

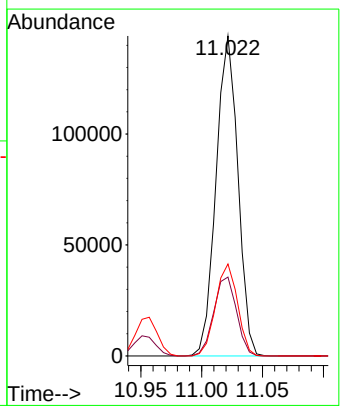
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

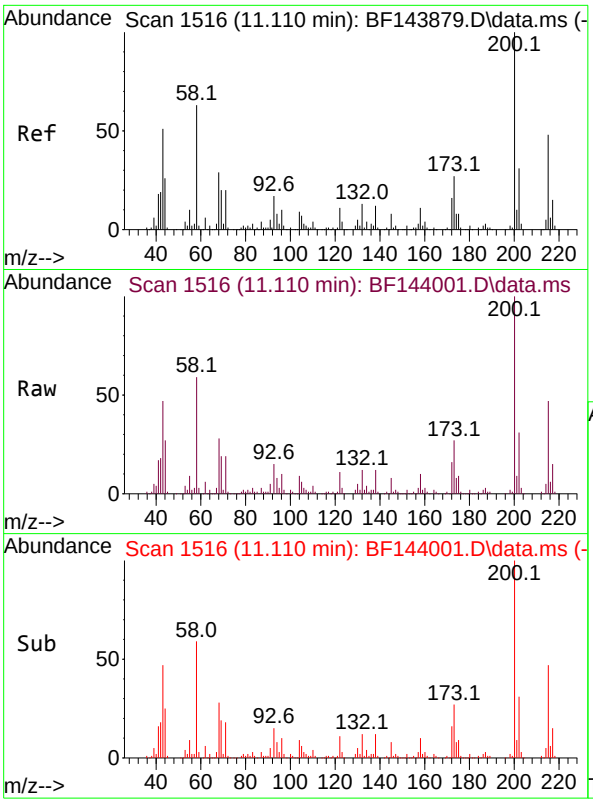


#68
Hexachlorobenzene
Concen: 48.080 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:284 Resp: 180006

Ion	Ratio	Lower	Upper
284	100		
142	24.6	20.6	30.8
249	28.7	23.2	34.8

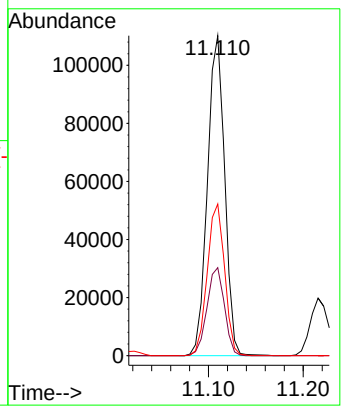




#69
Atrazine
Concen: 50.060 ng
RT: 11.110 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:200 Resp: 13940

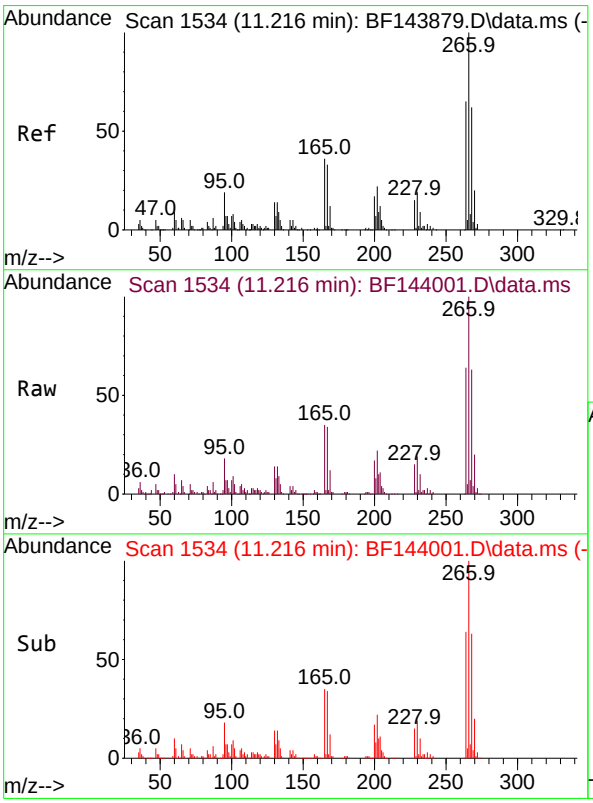
Ion	Ratio	Lower	Upper
200	100		
173	27.5	7.0	47.0
215	47.4	27.8	67.8



Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD

Manual Integrations
APPROVED

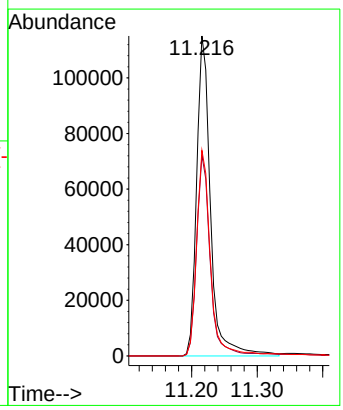
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

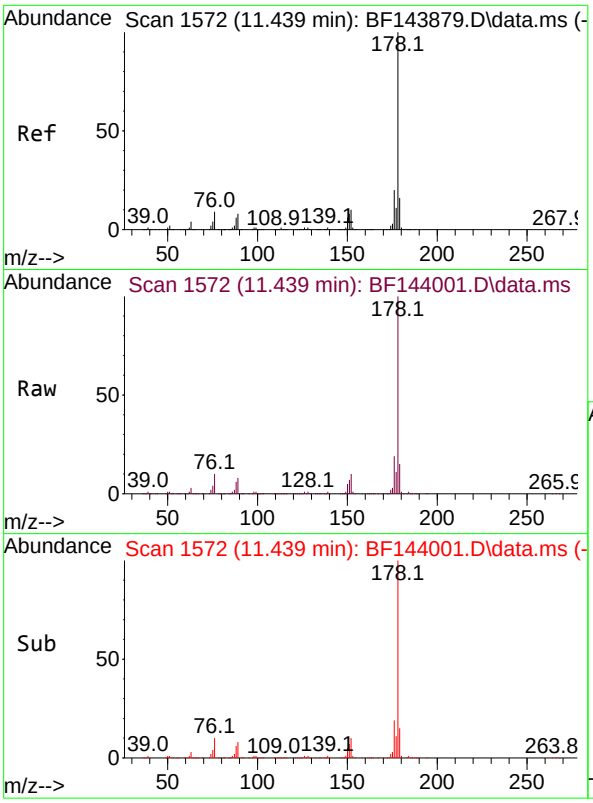


#70
Pentachlorophenol
Concen: 78.548 ng
RT: 11.216 min Scan# 1534
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:266 Resp: 168895

Ion	Ratio	Lower	Upper
266	100		
268	62.7	49.4	74.0
264	64.2	51.8	77.6

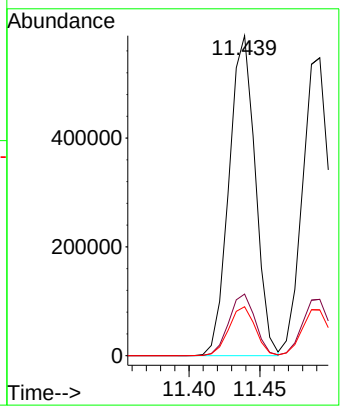




#71
Phenanthrene
Concen: 53.232 ng
RT: 11.439 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:178 Resp: 75515

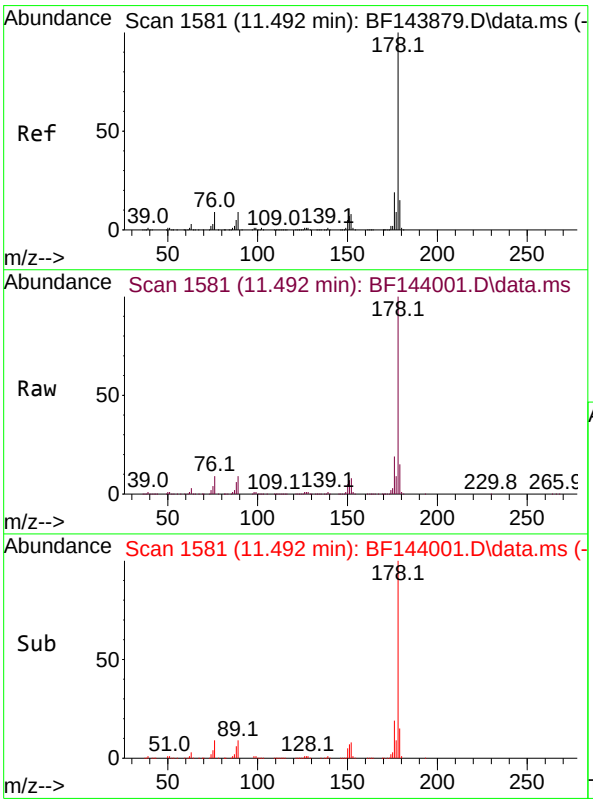
Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.9	23.9
179	15.3	12.4	18.6



Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD

Manual Integrations
APPROVED

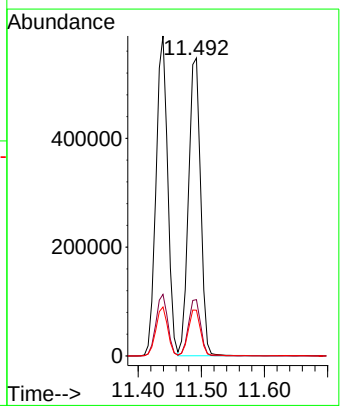
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

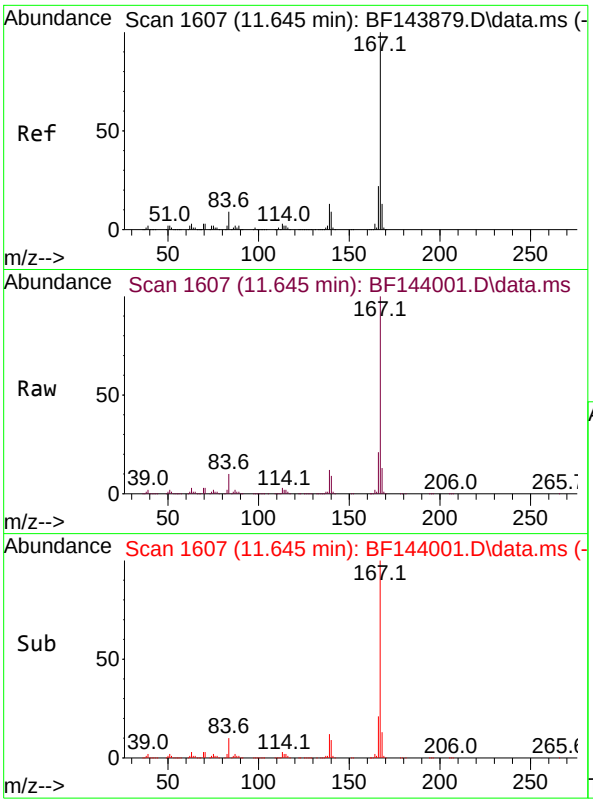


#72
Anthracene
Concen: 50.624 ng
RT: 11.492 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:178 Resp: 725510

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.9	22.3
179	15.3	12.2	18.2

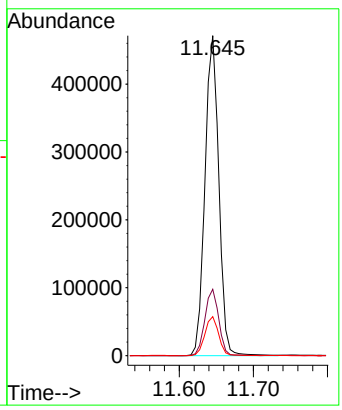




#73
Carbazole
Concen: 48.042 ng
RT: 11.645 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:167 Resp: 609788

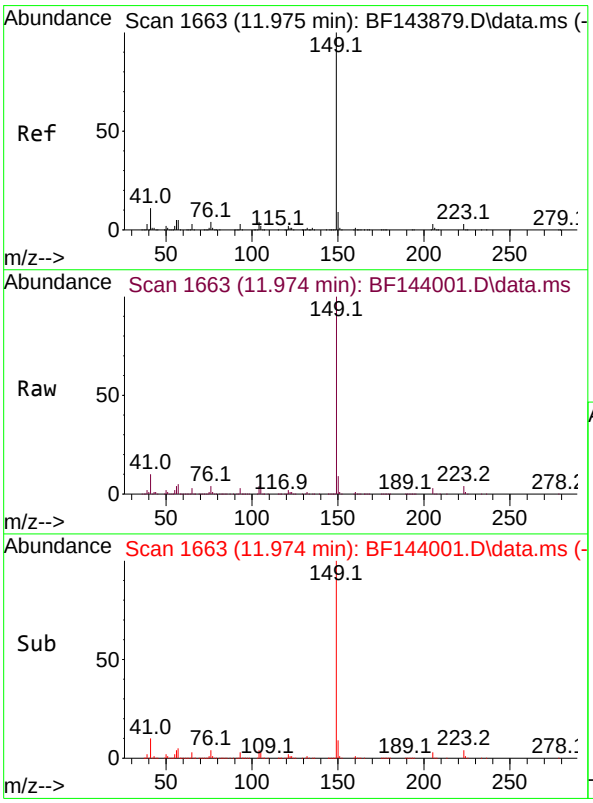
Ion	Ratio	Lower	Upper
167	100		
166	20.7	17.2	25.8
139	12.2	10.1	15.1



Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD

Manual Integrations
APPROVED

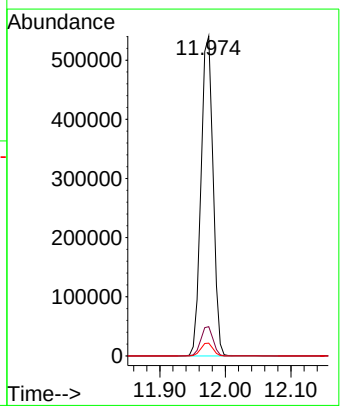
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

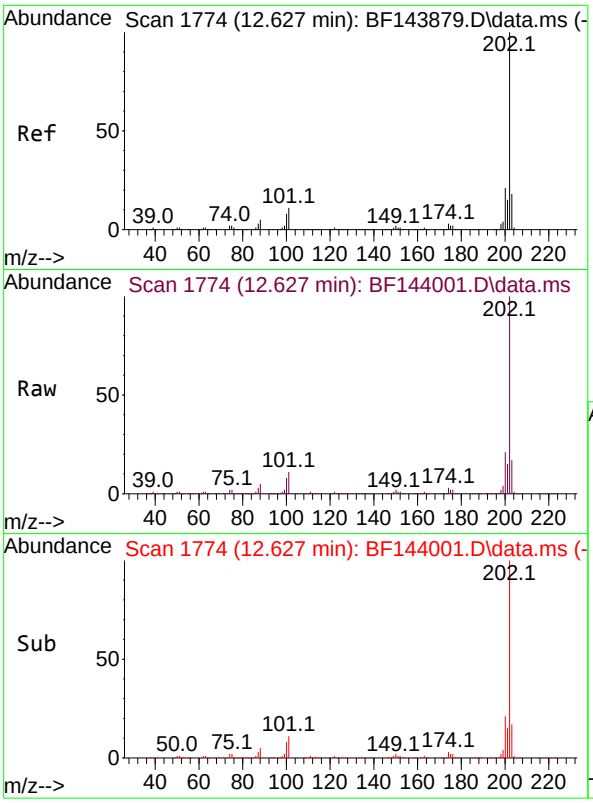


#74
Di-n-butylphthalate
Concen: 46.700 ng
RT: 11.974 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:149 Resp: 686989

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.2
104	4.0	3.4	5.2

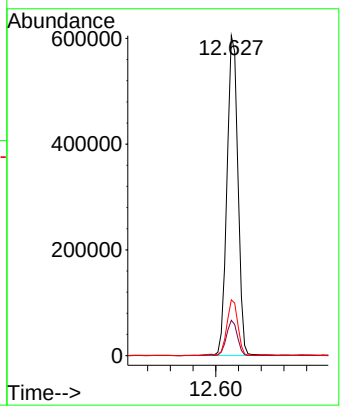




#75
Fluoranthene
Concen: 55.063 ng
RT: 12.627 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:202 Resp: 80684

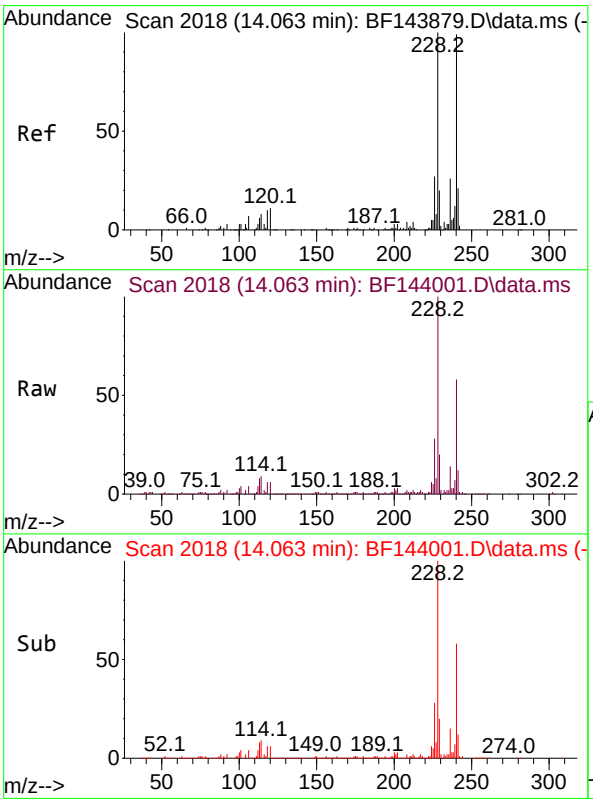
Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	30.7
203	17.4	0.0	37.8



Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD

Manual Integrations
APPROVED

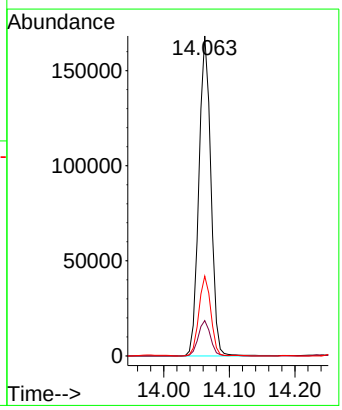
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

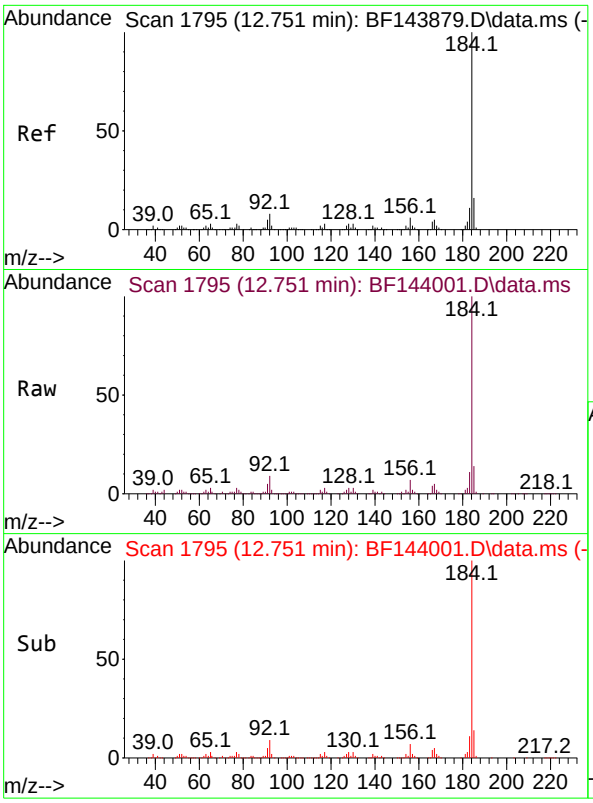


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.005 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:240 Resp: 212179

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.6	13.0
236	24.9	21.1	31.7

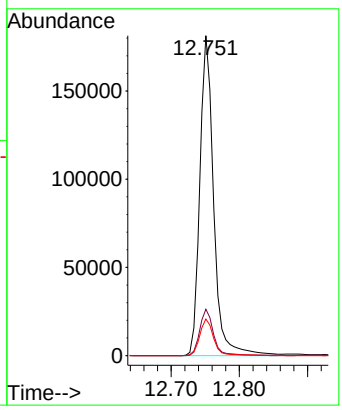




#77
Benzidine
Concen: 34.770 ng
RT: 12.751 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:184 Resp: 25616

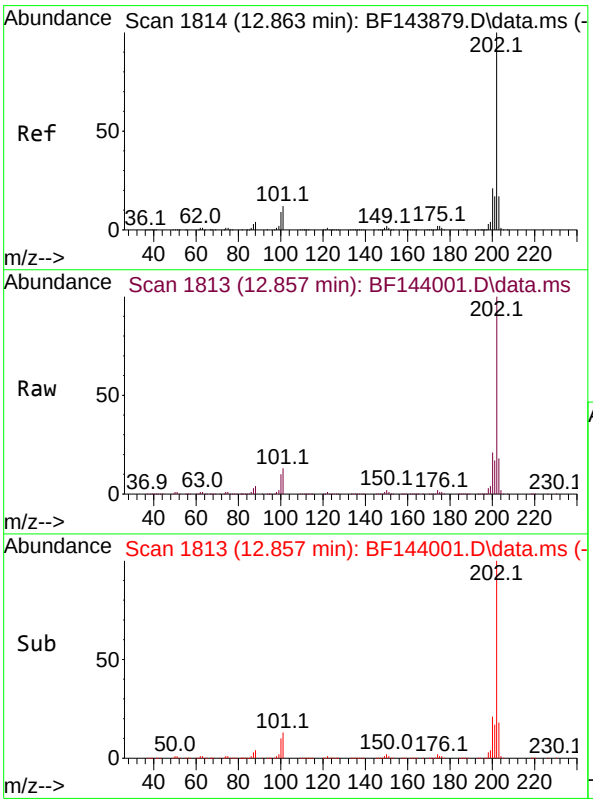
Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.6	18.8
183	11.4	8.8	13.2



Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD

Manual Integrations
APPROVED

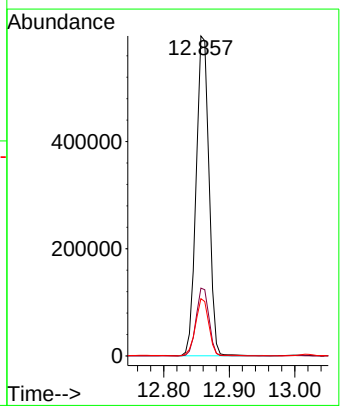
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

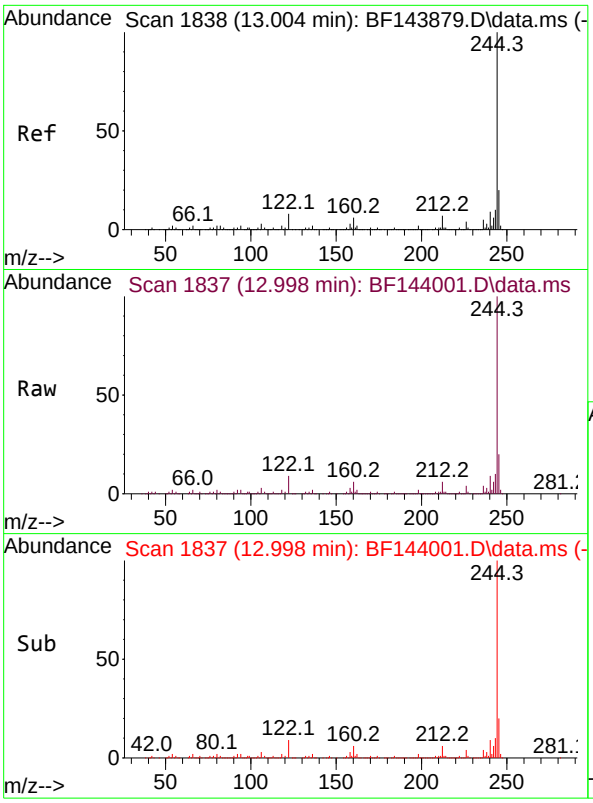


#78
Pyrene
Concen: 45.708 ng
RT: 12.857 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:202 Resp: 808534

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.6
203	17.9	13.8	20.6

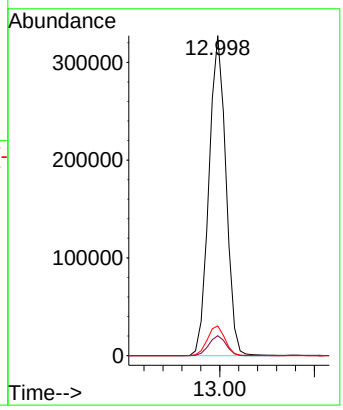




#79
Terphenyl-d14
Concen: 32.932 ng
RT: 12.998 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:244 Resp: 40885

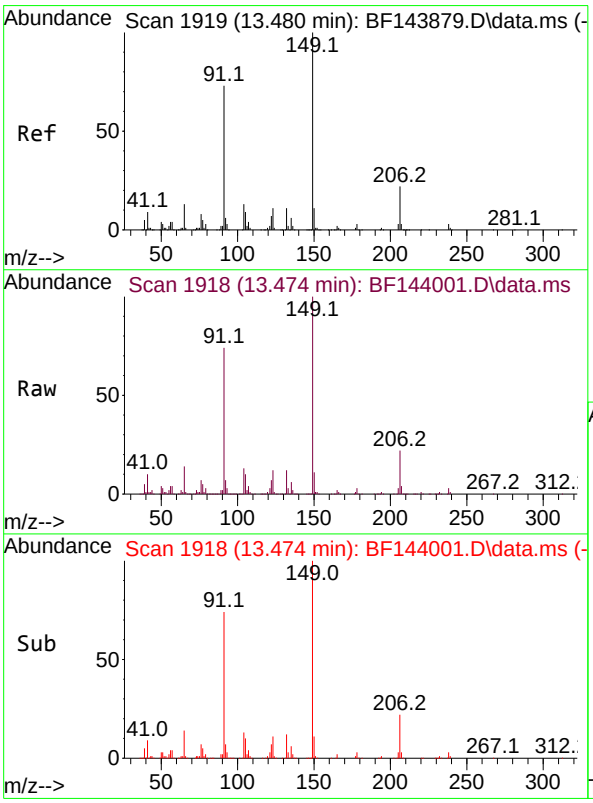
Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.4	8.0
122	9.3	6.4	9.6



Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD

Manual Integrations
APPROVED

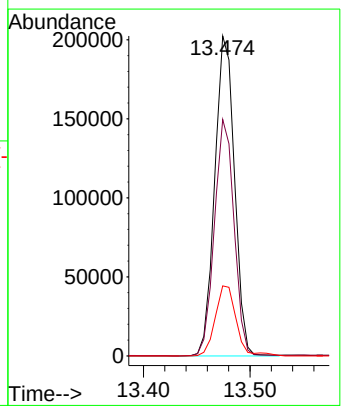
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

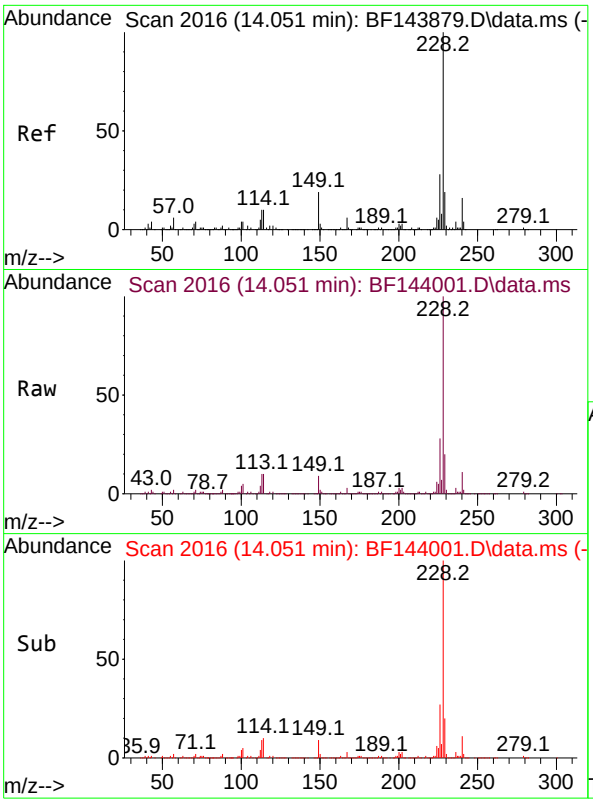


#80
Butylbenzylphthalate
Concen: 45.487 ng
RT: 13.474 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:149 Resp: 261316

Ion	Ratio	Lower	Upper
149	100		
91	73.9	58.2	87.2
206	21.9	17.9	26.9

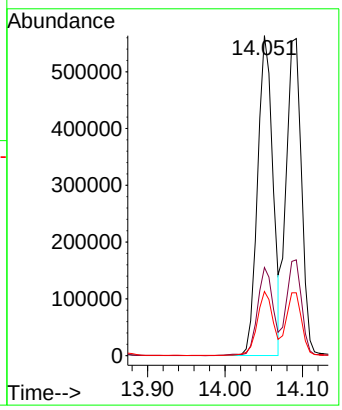




#81
Benzo(a)anthracene
Concen: 55.669 ng
RT: 14.051 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:228 Resp: 77296

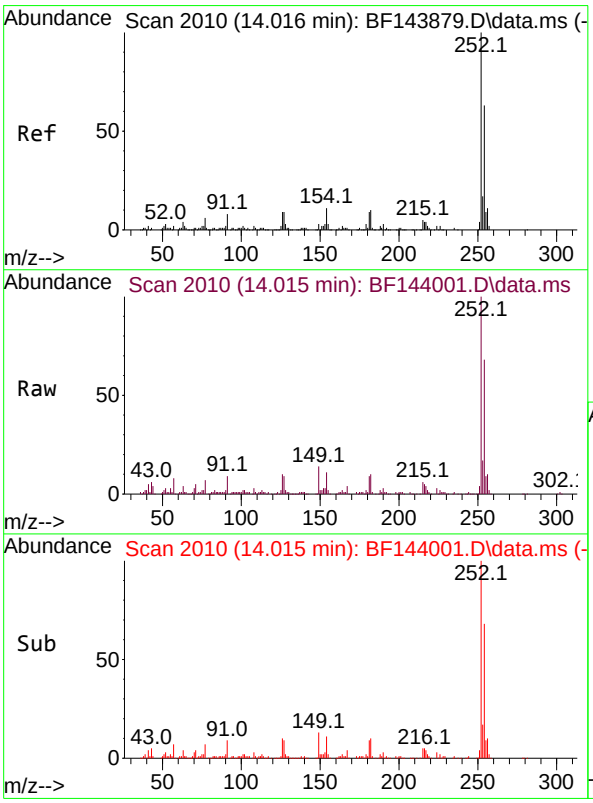
Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.2	33.2
229	20.0	15.6	23.4



Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD

Manual Integrations
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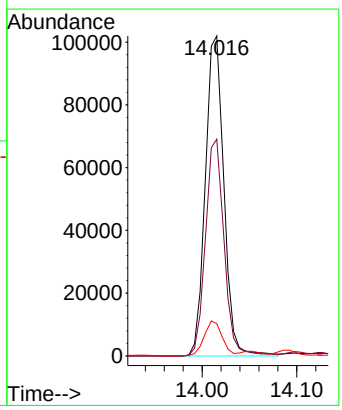
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

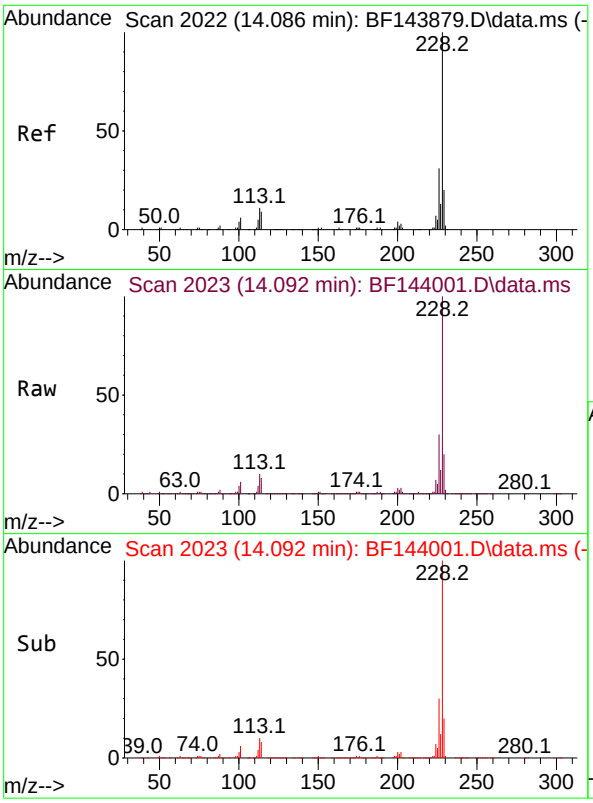


#82
3,3'-Dichlorobenzidine
Concen: 32.891 ng
RT: 14.015 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:252 Resp: 139179

Ion	Ratio	Lower	Upper
252	100		
254	67.7	50.6	76.0
126	10.1	7.0	10.6





#83
Chrysene
Concen: 58.898 ng
RT: 14.092 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

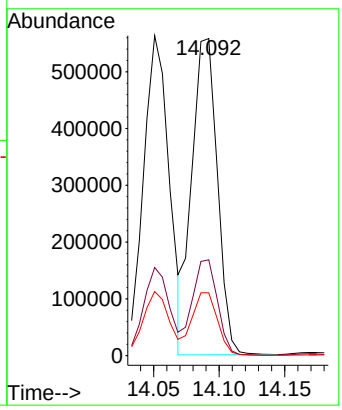
Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD

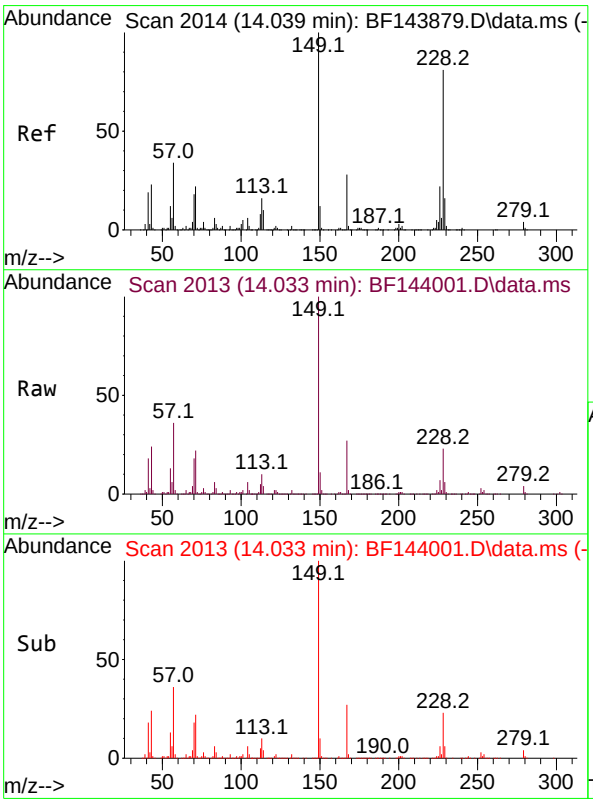
Tgt Ion:228 Resp: 75690

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.4	36.6
229	19.8	15.9	23.9

Manual Integrations
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Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

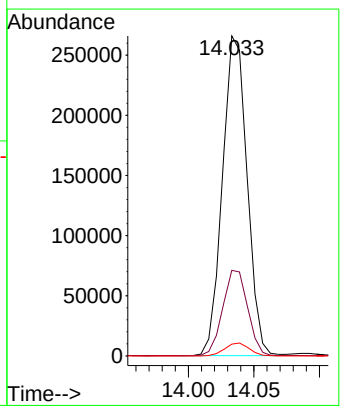


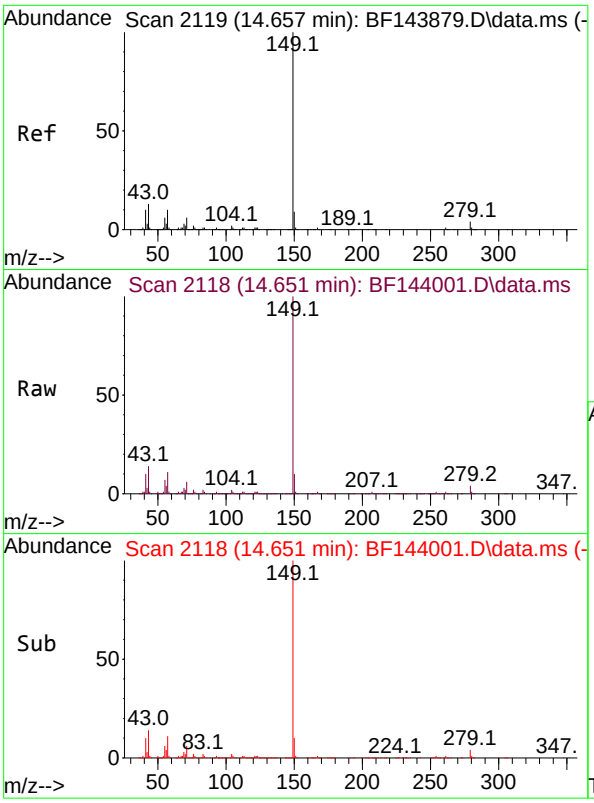


#84
Bis(2-ethylhexyl)phthalate
Concen: 50.284 ng
RT: 14.033 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:149 Resp: 348219

Ion	Ratio	Lower	Upper
149	100		
167	26.7	22.2	33.4
279	3.7	3.1	4.7





#85
Di-n-octyl phthalate
Concen: 57.280 ng
RT: 14.651 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

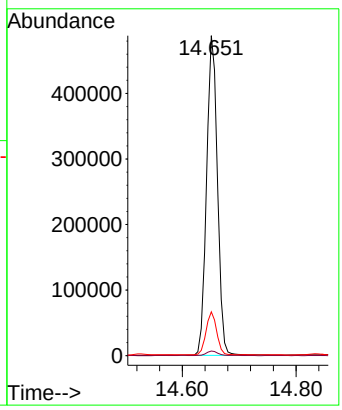
Tgt Ion:149 Resp: 651511

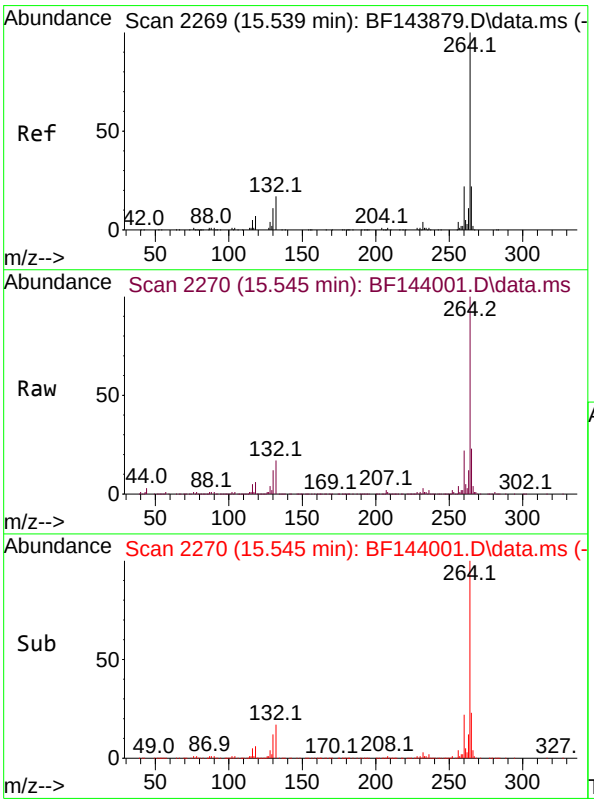
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	13.0	11.0	16.4

Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

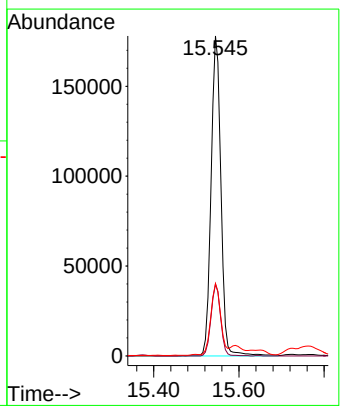


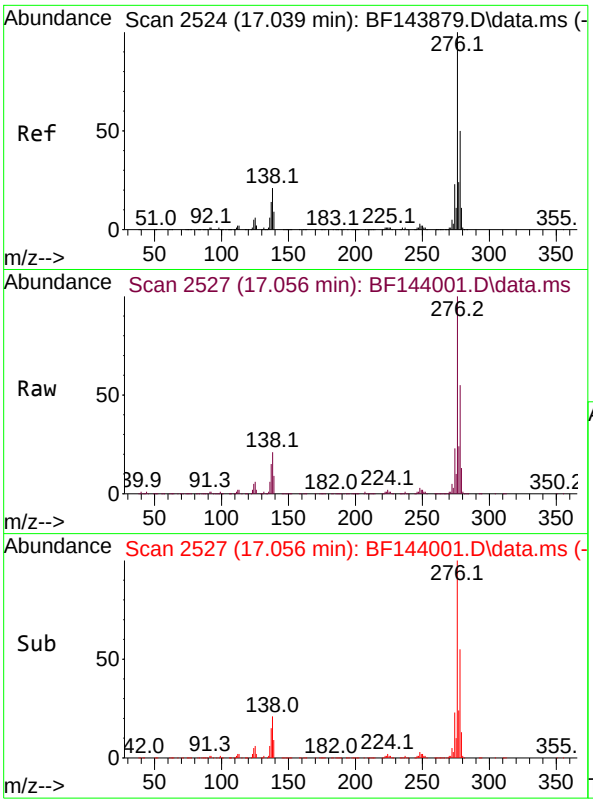


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:264 Resp: 285074

Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.8	26.8
265	22.6	17.5	26.3

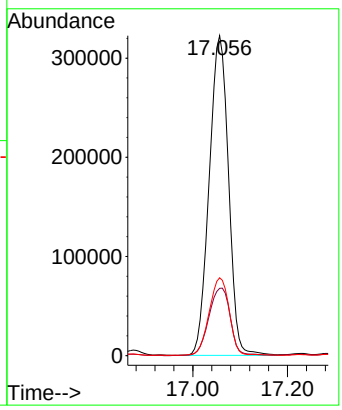




#87
Indeno(1,2,3-cd)pyrene
Concen: 52.240 ng
RT: 17.056 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:276 Resp: 91250

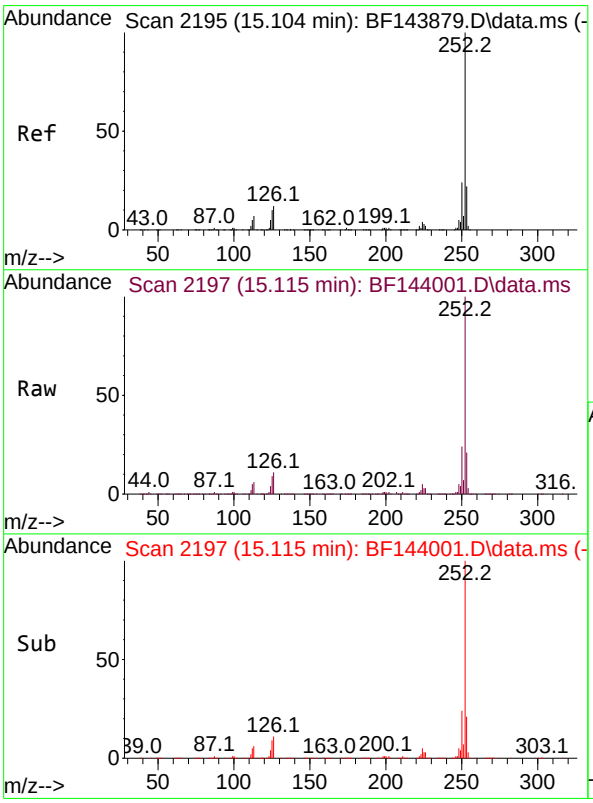
Ion	Ratio	Lower	Upper
276	100		
138	23.7	18.2	27.2
277	25.1	19.8	29.6



Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD

Manual Integrations APPROVED

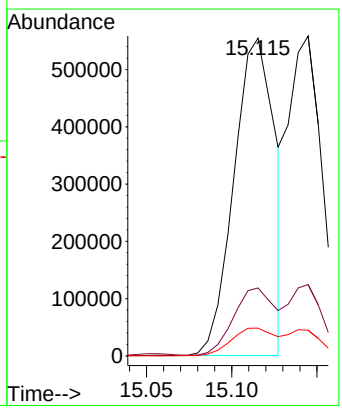
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

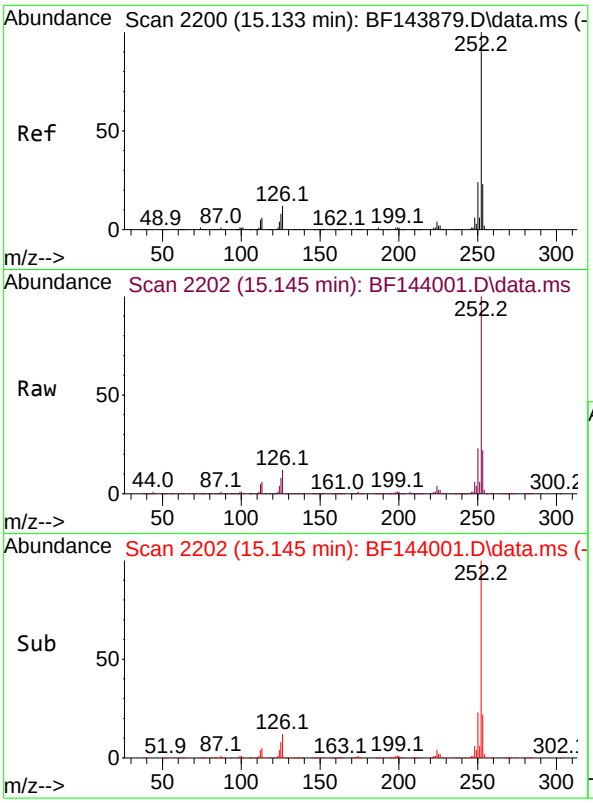


#88
Benzo(b)fluoranthene
Concen: 56.327 ng
RT: 15.115 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:252 Resp: 922382

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.2
125	8.7	7.8	11.6

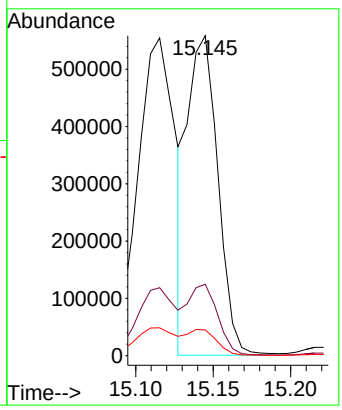




#89
Benzo(k)fluoranthene
Concen: 50.496 ng
RT: 15.145 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:252 Resp: 765145

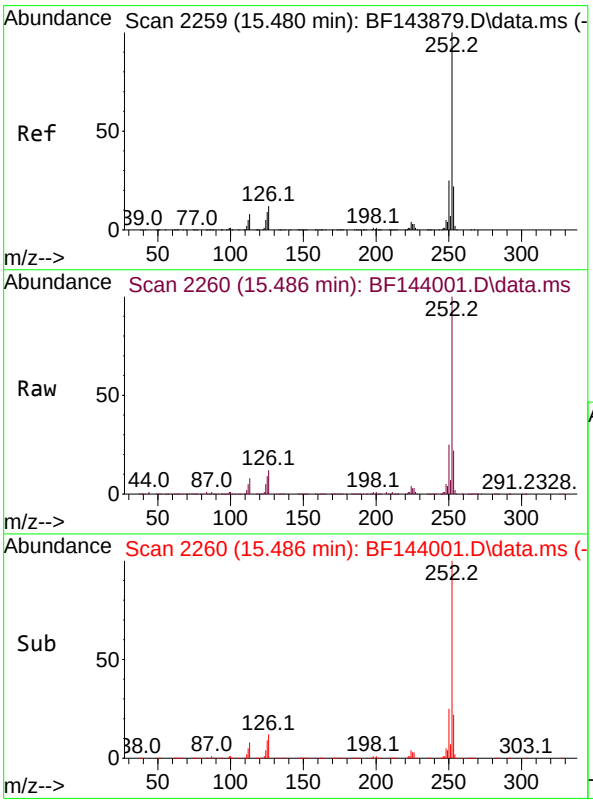
Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	8.0	7.4	11.2



Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD

Manual Integrations
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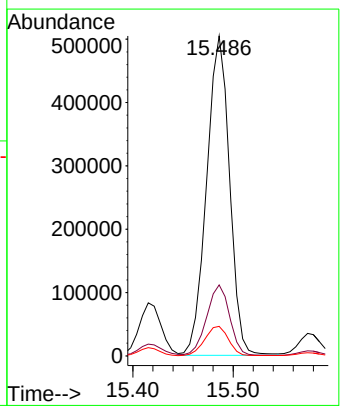
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

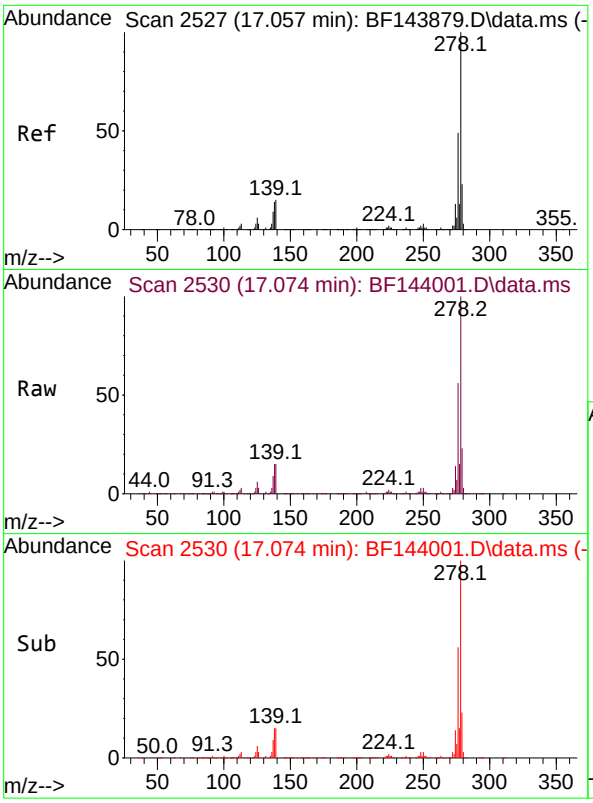


#90
Benzo(a)pyrene
Concen: 56.544 ng
RT: 15.486 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:252 Resp: 802881

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.3	25.9
125	9.2	7.0	10.4

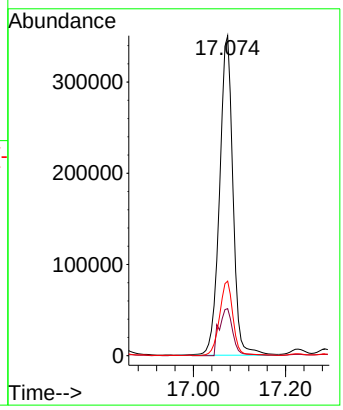




#91
Dibenzo(a,h)anthracene
Concen: 50.645 ng
RT: 17.074 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:278 Resp: 71149

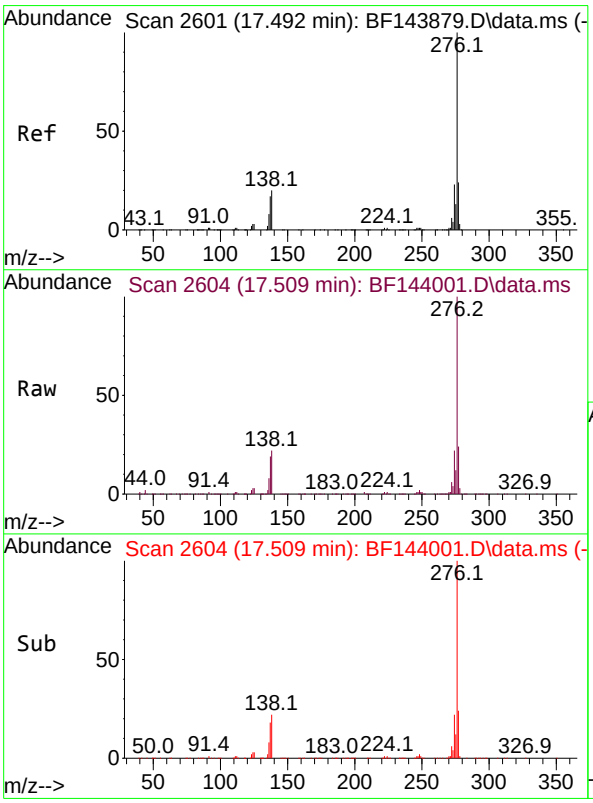
Ion	Ratio	Lower	Upper
278	100		
139	14.7	11.7	17.5
279	23.3	18.4	27.6



Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD

Manual Integrations
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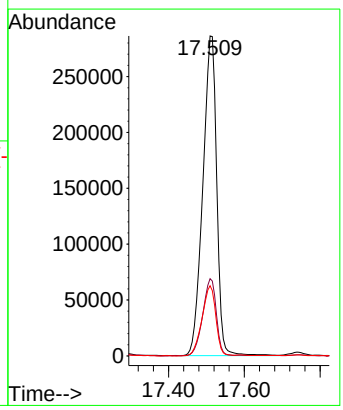
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#92
Benzo(g,h,i)perylene
Concen: 51.911 ng
RT: 17.509 min Scan# 2604
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:276 Resp: 729280

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.0	28.6
138	22.0	16.1	24.1



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Manual Integration Report

Sequence:	BF100625	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BF143876.D	Phenol	rahul	10/7/2025 9:06:31 AM	Jagrut	10/7/2025 11:32:03 AM	Peak Integrated by Software
SSTDICC010	BF143877.D	Benzoic acid	rahul	10/7/2025 9:06:33 AM	Jagrut	10/7/2025 11:32:06 AM	Peak Integrated by Software
SSTDICC010	BF143877.D	Phenol	rahul	10/7/2025 9:06:33 AM	Jagrut	10/7/2025 11:32:06 AM	Peak Integrated by Software
SSTDICC020	BF143878.D	Benzoic acid	rahul	10/7/2025 9:06:36 AM	Jagrut	10/7/2025 11:32:08 AM	Peak Integrated by Software
SSTDICC020	BF143878.D	Phenol	rahul	10/7/2025 9:06:36 AM	Jagrut	10/7/2025 11:32:08 AM	Peak Integrated by Software
SSTDICCC040	BF143879.D	Benzoic acid	rahul	10/7/2025 9:06:41 AM	Jagrut	10/7/2025 11:32:10 AM	Peak Integrated by Software
SSTDICCC040	BF143879.D	Phenol	rahul	10/7/2025 9:06:41 AM	Jagrut	10/7/2025 11:32:10 AM	Peak Integrated by Software
SSTDICC080	BF143882.D	Benzoic acid	rahul	10/7/2025 9:06:44 AM	Jagrut	10/7/2025 11:32:12 AM	Peak Integrated by Software
SSTDICV040	BF143883.D	Phenol	rahul	10/7/2025 9:06:46 AM	Jagrut	10/7/2025 11:32:15 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BF102025	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3381-03MSD	BF144001.D	2,3,4,6-Tetrachlorophenol	rahul	10/21/2025 3:18:44 PM	Jagrut	10/21/2025 4:38:01 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BF102125	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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Manual Integration Report

Sequence:	BG100225	Instrument	BNA_g

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BG064474.D	Anthracene	Rahul	10/3/2025 8:37:57 AM	Jagrut	10/3/2025 3:25:00 PM	Peak Integrated by Software
SSTDICC005	BG064474.D	Benzo(b)fluoranthene	Rahul	10/3/2025 8:37:57 AM	Jagrut	10/3/2025 3:25:00 PM	Peak Integrated by Software
SSTDICC020	BG064476.D	1-Methylnaphthalene	Rahul	10/3/2025 8:38:04 AM	Jagrut	10/3/2025 3:25:05 PM	Peak Integrated by Software
SSTDICC020	BG064476.D	Benzaldehyde	Rahul	10/3/2025 8:38:04 AM	Jagrut	10/3/2025 3:25:05 PM	Peak Integrated by Software
SSTDICC020	BG064476.D	Benzoic acid	Rahul	10/3/2025 8:38:04 AM	Jagrut	10/3/2025 3:25:05 PM	Peak Integrated by Software
SSTDICCC040	BG064477.D	Benzaldehyde	Rahul	10/3/2025 8:38:08 AM	Jagrut	10/3/2025 3:25:08 PM	Peak Integrated by Software
SSTDICCC040	BG064477.D	Benzoic acid	Rahul	10/3/2025 8:38:08 AM	Jagrut	10/3/2025 3:25:08 PM	Peak Integrated by Software
SSTDICC050	BG064478.D	Benzoic acid	Rahul	10/3/2025 8:38:10 AM	Jagrut	10/3/2025 3:25:09 PM	Peak Integrated by Software
SSTDICC060	BG064479.D	Benzoic acid	Rahul	10/3/2025 8:38:13 AM	Jagrut	10/3/2025 3:25:12 PM	Peak Integrated by Software
SSTDICC080	BG064480.D	Benzoic acid	Rahul	10/3/2025 8:38:15 AM	Jagrut	10/3/2025 3:25:14 PM	Peak Integrated by Software
SSTDICC010	BG064481.D	Benzoic acid	Rahul	10/3/2025 8:38:18 AM	Jagrut	10/3/2025 3:25:20 PM	Peak Integrated by Software
SSTDICV040	BG064482.D	Benzoic acid	Rahul	10/3/2025 8:38:21 AM	Jagrut	10/3/2025 3:25:22 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BG100225	Instrument	BNA_g

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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Manual Integration Report

Sequence:	BG102025	Instrument	BNA_g

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BG064547.D	2,4,6-Trichlorophenol	rahul	10/21/2025 3:20:56 PM	Jagrut	10/21/2025 4:30:12 PM	Peak Integrated by Software
PB170165BS	BG064549.D	1-Methylnaphthalene	rahul	10/21/2025 3:21:01 PM	Jagrut	10/21/2025 4:30:15 PM	Peak Integrated by Software

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF100625

Review By	Rahul	Review On	10/6/2025 4:17:39 PM				
Supervise By	Jagrut	Supervise On	10/7/2025 11:32:28 AM				
SubDirectory	BF100625	HP Acquire Method	BNA_F		HP Processing Method	bf100625	

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13177,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143874.D	06 Oct 2025 09:30	RC/JU	Ok
2	SSTDICC2.5	BF143875.D	06 Oct 2025 09:59	RC/JU	Ok
3	SSTDICC005	BF143876.D	06 Oct 2025 10:28	RC/JU	Ok,M
4	SSTDICC010	BF143877.D	06 Oct 2025 10:57	RC/JU	Ok,M
5	SSTDICC020	BF143878.D	06 Oct 2025 11:56	RC/JU	Ok,M
6	SSTDICCC040	BF143879.D	06 Oct 2025 12:54	RC/JU	Ok,M
7	SSTDICC050	BF143880.D	06 Oct 2025 13:23	RC/JU	Ok
8	SSTDICC060	BF143881.D	06 Oct 2025 13:53	RC/JU	Ok
9	SSTDICC080	BF143882.D	06 Oct 2025 14:22	RC/JU	Ok,M
10	SSTDICV040	BF143883.D	06 Oct 2025 16:08	RC/JU	Ok,M
11	PB169953BL	BF143884.D	06 Oct 2025 16:38	RC/JU	Not Ok
12	PB169953BS	BF143885.D	06 Oct 2025 17:07	RC/JU	Not Ok

M : Manual Integration

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF102025

Review By	rahul	Review On	10/21/2025 3:20:06 PM				
Supervise By	Jagrut	Supervise On	10/21/2025 4:42:19 PM				
SubDirectory	BF102025	HP Acquire Method	BNA_F		HP Processing Method	BF100625	

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13178,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143996.D	20 Oct 2025 12:02	RC/JU	Ok
2	SSTDCCC040	BF143997.D	20 Oct 2025 13:28	RC/JU	Ok
3	PB170165BL	BF143998.D	20 Oct 2025 13:57	RC/JU	Ok
4	Q3381-03	BF143999.D	20 Oct 2025 15:29	RC/JU	Ok,M
5	Q3381-03MS	BF144000.D	20 Oct 2025 15:57	RC/JU	Ok
6	Q3381-03MSD	BF144001.D	20 Oct 2025 16:27	RC/JU	Ok,M
7	Q3374-01	BF144002.D	20 Oct 2025 16:56	RC/JU	Ok,M
8	Q3381-01	BF144003.D	20 Oct 2025 17:25	RC/JU	Ok,M
9	Q3381-07	BF144004.D	20 Oct 2025 17:54	RC/JU	Ok,M
10	Q3382-01	BF144005.D	20 Oct 2025 18:24	RC/JU	Ok,M
11	Q3388-01	BF144006.D	20 Oct 2025 18:53	RC/JU	Ok,M
12	Q3390-01	BF144007.D	20 Oct 2025 19:22	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF102125

Review By	rahul	Review On	10/22/2025 2:35:54 PM		
Supervise By	Jagrut	Supervise On	10/22/2025 2:50:46 PM		
SubDirectory	BF102125	HP Acquire Method	BNA_F	HP Processing Method	BF100625

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13178,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF144008.D	21 Oct 2025 12:43	RC/JU	Ok
2	SSTDCCC040	BF144009.D	21 Oct 2025 13:29	RC/JU	Ok
3	PB170166BL	BF144010.D	21 Oct 2025 13:58	RC/JU	Ok
4	PB170166BS	BF144011.D	21 Oct 2025 14:26	RC/JU	Ok,M
5	PB170166BSD	BF144012.D	21 Oct 2025 14:59	RC/JU	Ok,M
6	Q3386-03	BF144013.D	21 Oct 2025 15:33	RC/JU	Ok,M
7	Q3386-04	BF144014.D	21 Oct 2025 16:03	RC/JU	Ok,M
8	Q3375-01	BF144015.D	21 Oct 2025 16:32	RC/JU	Ok
9	Q3375-02	BF144016.D	21 Oct 2025 17:02	RC/JU	Ok
10	Q3375-03	BF144017.D	21 Oct 2025 17:31	RC/JU	Ok
11	Q3375-04	BF144018.D	21 Oct 2025 18:01	RC/JU	Ok
12	Q3375-05	BF144019.D	21 Oct 2025 18:30	RC/JU	Ok
13	Q3402-07	BF144020.D	21 Oct 2025 18:59	RC/JU	Ok
14	Q3402-07MS	BF144021.D	21 Oct 2025 19:28	RC/JU	Ok
15	Q3402-07MSD	BF144022.D	21 Oct 2025 19:58	RC/JU	Ok
16	Q3402-10	BF144023.D	21 Oct 2025 20:27	RC/JU	Ok,M
17	Q3403-01	BF144024.D	21 Oct 2025 20:56	RC/JU	Ok,M
18	Q3397-01	BF144025.D	21 Oct 2025 21:25	RC/JU	Ok
19	Q3402-04	BF144026.D	21 Oct 2025 21:55	RC/JU	Ok
20	Q3402-01	BF144027.D	21 Oct 2025 22:24	RC/JU	Ok,M
21	Q3376-01	BF144028.D	21 Oct 2025 22:53	RC/JU	Ok,M

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF102125

Review By	rahul	Review On	10/22/2025 2:35:54 PM				
Supervise By	Jagrut	Supervise On	10/22/2025 2:50:46 PM				
SubDirectory	BF102125	HP Acquire Method	BNA_F		HP Processing Method	BF100625	

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13178,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q3376-02	BF144029.D	21 Oct 2025 23:22	RC/JU	Ok,M
23	Q3393-02	BF144030.D	21 Oct 2025 23:51	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG100225

Review By	Rahul	Review On	10/3/2025 8:38:44 AM		
Supervise By	Jagrut	Supervise On	10/3/2025 3:25:38 PM		
SubDirectory	BG100225	HP Acquire Method	BNA_G	HP Processing Method	bg100225

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13176,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BG064472.D	2 Oct 2025 8:21	RC/JU	Ok
2	SSTDICC2.5	BG064473.D	2 Oct 2025 9:01	RC/JU	Ok
3	SSTDICC005	BG064474.D	2 Oct 2025 9:42	RC/JU	Ok,M
4	SSTDICC010	BG064475.D	2 Oct 2025 10:53	RC/JU	Not Ok
5	SSTDICC020	BG064476.D	2 Oct 2025 11:33	RC/JU	Ok,M
6	SSTDICCC040	BG064477.D	2 Oct 2025 12:14	RC/JU	Ok,M
7	SSTDICC050	BG064478.D	2 Oct 2025 12:55	RC/JU	Ok,M
8	SSTDICC060	BG064479.D	2 Oct 2025 13:35	RC/JU	Ok,M
9	SSTDICC080	BG064480.D	2 Oct 2025 14:16	RC/JU	Ok,M
10	SSTDICC010	BG064481.D	2 Oct 2025 15:49	RC/JU	Ok,M
11	SSTDICV040	BG064482.D	2 Oct 2025 18:09	RC/JU	Ok,M
12	PB169936BL	BG064483.D	2 Oct 2025 18:50	RC/JU	Not Ok

M : Manual Integration

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Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG102025

Review By	rahul	Review On	10/21/2025 3:22:12 PM		
Supervise By	Jagrut	Supervise On	10/21/2025 4:30:57 PM		
SubDirectory	BG102025	HP Acquire Method	BNA_G	HP Processing Method	bg100225

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13178,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BG064546.D	20 Oct 2025 12:03	RC/JU	Ok
2	SSTDCCC040	BG064547.D	20 Oct 2025 12:44	RC/JU	Ok,M
3	PB170165BL	BG064548.D	20 Oct 2025 13:44	RC/JU	Ok
4	PB170165BS	BG064549.D	20 Oct 2025 14:25	RC/JU	Ok,M
5	Q3374-05	BG064550.D	20 Oct 2025 15:21	RC/JU	Ok
6	Q3390-03	BG064551.D	20 Oct 2025 16:02	RC/JU	Ok,M
7	Q3386-01	BG064552.D	20 Oct 2025 16:43	RC/JU	Ok
8	Q3392-01	BG064553.D	20 Oct 2025 17:24	RC/JU	Ok,M
9	Q3392-05	BG064554.D	20 Oct 2025 18:05	RC/JU	Ok,M
10	Q3381-05	BG064555.D	20 Oct 2025 18:46	RC/JU	Ok,M
11	Q3383-01	BG064556.D	20 Oct 2025 19:27	RC/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF100625

Review By	Rahul	Review On	10/6/2025 4:17:39 PM		
Supervise By	Jagrut	Supervise On	10/7/2025 11:32:28 AM		
SubDirectory	BF100625	HP Acquire Method	BNA_F	HP Processing Method	bf100625

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13177,10ul/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	BF143874.D	06 Oct 2025 09:30		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF143875.D	06 Oct 2025 09:59		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF143876.D	06 Oct 2025 10:28		RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BF143877.D	06 Oct 2025 10:57		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BF143878.D	06 Oct 2025 11:56		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BF143879.D	06 Oct 2025 12:54	compound #54 kept on LR	RC/JU	Ok,M
7	SSTDICC050	SSTDICC050	BF143880.D	06 Oct 2025 13:23		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BF143881.D	06 Oct 2025 13:53		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BF143882.D	06 Oct 2025 14:22	Compound #45 & #77 removed from 80PPM	RC/JU	Ok,M
10	SSTDICV040	ICVBF100625	BF143883.D	06 Oct 2025 16:08		RC/JU	Ok,M
11	PB169953BL	PB169953BL	BF143884.D	06 Oct 2025 16:38	Surrogate Fail	RC/JU	Not Ok
12	PB169953BS	PB169953BS	BF143885.D	06 Oct 2025 17:07	Surrogate Fail	RC/JU	Not Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF102025

Review By	rahul	Review On	10/21/2025 3:20:06 PM		
Supervise By	Jagrut	Supervise On	10/21/2025 4:42:19 PM		
SubDirectory	BF102025	HP Acquire Method	BNA_F	HP Processing Method	BF100625

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13178,10ul/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	BF143996.D	20 Oct 2025 12:02		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF143997.D	20 Oct 2025 13:28		RC/JU	Ok
3	PB170165BL	PB170165BL	BF143998.D	20 Oct 2025 13:57		RC/JU	Ok
4	Q3381-03	VNJ-245	BF143999.D	20 Oct 2025 15:29		RC/JU	Ok,M
5	Q3381-03MS	VNJ-245MS	BF144000.D	20 Oct 2025 15:57		RC/JU	Ok
6	Q3381-03MSD	VNJ-245MSD	BF144001.D	20 Oct 2025 16:27		RC/JU	Ok,M
7	Q3374-01	TP-4-WC	BF144002.D	20 Oct 2025 16:56		RC/JU	Ok,M
8	Q3381-01	VNJ-222	BF144003.D	20 Oct 2025 17:25		RC/JU	Ok,M
9	Q3381-07	VNJ-255	BF144004.D	20 Oct 2025 17:54		RC/JU	Ok,M
10	Q3382-01	CENTRAL-AVE-TP	BF144005.D	20 Oct 2025 18:24		RC/JU	Ok,M
11	Q3388-01	461	BF144006.D	20 Oct 2025 18:53	Surrogate & Internal Standard fail	RC/JU	Ok,M
12	Q3390-01	4174	BF144007.D	20 Oct 2025 19:22		RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF102125

Review By	rahul	Review On	10/22/2025 2:35:54 PM		
Supervise By	Jagrut	Supervise On	10/22/2025 2:50:46 PM		
SubDirectory	BF102125	HP Acquire Method	BNA_F	HP Processing Method	BF100625

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13178,10ul/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	BF144008.D	21 Oct 2025 12:43		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF144009.D	21 Oct 2025 13:29		RC/JU	Ok
3	PB170166BL	PB170166BL	BF144010.D	21 Oct 2025 13:58		RC/JU	Ok
4	PB170166BS	PB170166BS	BF144011.D	21 Oct 2025 14:26		RC/JU	Ok,M
5	PB170166BSD	PB170166BSD	BF144012.D	21 Oct 2025 14:59		RC/JU	Ok,M
6	Q3386-03	3443	BF144013.D	21 Oct 2025 15:33	Internal standard fail	RC/JU	Ok,M
7	Q3386-04	3444	BF144014.D	21 Oct 2025 16:03		RC/JU	Ok,M
8	Q3375-01	PR132-S02-074099-20	BF144015.D	21 Oct 2025 16:32		RC/JU	Ok
9	Q3375-02	PR132-S04-000013-20	BF144016.D	21 Oct 2025 17:02		RC/JU	Ok
10	Q3375-03	PR132-S05-000057-20	BF144017.D	21 Oct 2025 17:31		RC/JU	Ok
11	Q3375-04	PR132-S02-010074-20	BF144018.D	21 Oct 2025 18:01		RC/JU	Ok
12	Q3375-05	PR132-DP02-074099-2	BF144019.D	21 Oct 2025 18:30		RC/JU	Ok
13	Q3402-07	41-LB	BF144020.D	21 Oct 2025 18:59		RC/JU	Ok
14	Q3402-07MS	41-LBMS	BF144021.D	21 Oct 2025 19:28		RC/JU	Ok
15	Q3402-07MSD	41-LBMSD	BF144022.D	21 Oct 2025 19:58		RC/JU	Ok
16	Q3402-10	41-RB	BF144023.D	21 Oct 2025 20:27		RC/JU	Ok,M
17	Q3403-01	MH-18	BF144024.D	21 Oct 2025 20:56		RC/JU	Ok,M
18	Q3397-01	TP-7-WC	BF144025.D	21 Oct 2025 21:25		RC/JU	Ok

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF102125

Review By	rahul	Review On	10/22/2025 2:35:54 PM		
Supervise By	Jagrut	Supervise On	10/22/2025 2:50:46 PM		
SubDirectory	BF102125	HP Acquire Method	BNA_F	HP Processing Method	BF100625

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13178,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q3402-04	41-RA	BF144026.D	21 Oct 2025 21:55		RC/JU	Ok
20	Q3402-01	41-LA	BF144027.D	21 Oct 2025 22:24		RC/JU	Ok,M
21	Q3376-01	PR132-S05-057082-20	BF144028.D	21 Oct 2025 22:53		RC/JU	Ok,M
22	Q3376-02	PR132-DP01-20251016	BF144029.D	21 Oct 2025 23:22		RC/JU	Ok,M
23	Q3393-02	PR132-S10-022047-20	BF144030.D	21 Oct 2025 23:51		RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG100225

Review By	Rahul	Review On	10/3/2025 8:38:44 AM		
Supervise By	Jagrut	Supervise On	10/3/2025 3:25:38 PM		
SubDirectory	BG100225	HP Acquire Method	BNA_G	HP Processing Method	bg100225

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13176,10ul/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	BG064472.D	2 Oct 2025 8:21		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BG064473.D	2 Oct 2025 9:01		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BG064474.D	2 Oct 2025 9:42		RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BG064475.D	2 Oct 2025 10:53	Not Used	RC/JU	Not Ok
5	SSTDICC020	SSTDICC020	BG064476.D	2 Oct 2025 11:33		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BG064477.D	2 Oct 2025 12:14	Compound failed in the calibration. #77	RC/JU	Ok,M
7	SSTDICC050	SSTDICC050	BG064478.D	2 Oct 2025 12:55		RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BG064479.D	2 Oct 2025 13:35		RC/JU	Ok,M
9	SSTDICC080	SSTDICC080	BG064480.D	2 Oct 2025 14:16		RC/JU	Ok,M
10	SSTDICC010	SSTDICC010	BG064481.D	2 Oct 2025 15:49		RC/JU	Ok,M
11	SSTDICV040	ICVBG100225	BG064482.D	2 Oct 2025 18:09		RC/JU	Ok,M
12	PB169936BL	PB169936BL	BG064483.D	2 Oct 2025 18:50	Surrogate Fail	RC/JU	Not Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG102025

Review By	rahul	Review On	10/21/2025 3:22:12 PM		
Supervise By	Jagrut	Supervise On	10/21/2025 4:30:57 PM		
SubDirectory	BG102025	HP Acquire Method	BNA_G	HP Processing Method	bg100225

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13178,10ul/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	BG064546.D	20 Oct 2025 12:03		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BG064547.D	20 Oct 2025 12:44		RC/JU	Ok,M
3	PB170165BL	PB170165BL	BG064548.D	20 Oct 2025 13:44		RC/JU	Ok
4	PB170165BS	PB170165BS	BG064549.D	20 Oct 2025 14:25		RC/JU	Ok,M
5	Q3374-05	TP-5-WC	BG064550.D	20 Oct 2025 15:21		RC/JU	Ok
6	Q3390-03	340	BG064551.D	20 Oct 2025 16:02		RC/JU	Ok,M
7	Q3386-01	237	BG064552.D	20 Oct 2025 16:43		RC/JU	Ok
8	Q3392-01	MH-20	BG064553.D	20 Oct 2025 17:24		RC/JU	Ok,M
9	Q3392-05	MH-19	BG064554.D	20 Oct 2025 18:05		RC/JU	Ok,M
10	Q3381-05	RBR200059	BG064555.D	20 Oct 2025 18:46		RC/JU	Ok,M
11	Q3383-01	OR-03-101725	BG064556.D	20 Oct 2025 19:27		RC/JU	Ok,M

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: rubina
Date: 10/20/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 10/17/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN #1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 09:25
Out Date: 10/18/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB137576

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
Q3373-05	SVOC-GPC-BLANK	1	1.00	1.00	2.00	2.00	100.0	
Q3373-06	PEST-GPC-BLANK	2	1.00	1.00	2.00	2.00	100.0	
Q3373-07	PEST-GPC-BLANK-SPIKE	3	1.00	1.00	2.00	2.00	100.0	
Q3373-08	SVOC-GPC2-BLANK	4	1.00	1.00	2.00	2.00	100.0	
Q3373-09	PEST-GPC2-BLANK	5	1.00	1.00	2.00	2.00	100.0	
Q3373-10	PEST -GPC2-BLANK-SPIKE	6	1.00	1.00	2.00	2.00	100.0	
Q3374-01	TP-4-WC	7	1.15	10.69	11.84	10.25	85.1	
Q3374-02	TP-4-WC-EPH	8	1.11	10.86	11.97	11.38	94.6	
Q3374-03	TP-4-WC-VOC	9	1.15	10.45	11.6	10.31	87.7	
Q3374-05	TP-5-WC	10	1.13	10.30	11.43	10.72	93.1	
Q3374-06	TP-5-WC-EPH	11	1.17	10.34	11.51	9.95	84.9	
Q3374-07	TP-5-WC-VOC	12	1.18	10.94	12.12	11.19	91.5	
Q3375-01	PR132-S02-074099-20251016	13	1.12	10.21	11.33	8.19	69.2	
Q3375-02	PR132-S04-000013-20251016	14	1.15	10.84	11.99	9.25	74.7	
Q3375-03	PR132-S05-000057-20251016	15	1.16	10.58	11.74	8.22	66.7	
Q3375-04	PR132-S02-010074-20251016	16	1.14	10.34	11.48	6.86	55.3	
Q3375-05	PR132-DP02-074099-20251016	17	1.15	10.84	11.99	8.38	66.7	
Q3376-01	PR132-S05-057082-20251016	18	1.13	10.84	11.97	6.93	53.5	
Q3376-02	PR132-DP01-20251016	19	1.16	10.07	11.23	6.56	53.6	
Q3376-03	PR132-COMP2-20251016	20	1.11	10.13	11.24	6.45	52.7	
Q3376-04	PR132-S12-047072-20251016	21	1.15	10.70	11.85	6.64	51.3	
Q3376-05	PR132-S12-020047-20251016	22	1.13	10.49	11.62	8.14	66.8	
Q3381-01	VNJ-222	23	1.18	10.38	11.56	10.46	89.4	
Q3381-03	VNJ-245	24	1.18	10.64	11.82	9.86	81.6	
Q3381-05	RBR200059	25	1.11	10.71	11.82	10.6	88.6	

PERCENT SOLID

Supervisor: Iwona
Analyst: rubina
Date: 10/20/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 10/17/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN #1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 09:25
Out Date: 10/18/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB137576

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
Q3381-07	VNJ-255	26	1.16	10.11	11.27	10.51	92.5	
Q3382-01	CENTRAL-AVE-TP	27	1.14	10.73	11.87	10.25	84.9	
Q3382-02	CENTRAL-AVE-TP-EPH-2	28	1.16	10.81	11.97	9.78	79.7	
Q3383-01	OR-03-101725	29	1.13	10.60	11.73	10.88	92.0	
Q3383-02	OR-03-101725-E2	30	1.14	10.91	12.05	11.07	91.0	
Q3386-01	237	38	1.15	10.68	11.83	11.2	94.1	
Q3386-02	237-E2	39	1.15	10.85	12.00	11.2	92.6	
Q3387-01	BC289050-1-1	40	1.00	1.00	2.00	2.00	100.0	PILC
Q3387-02	BC289050-1-2	41	1.00	1.00	2.00	2.00	100.0	PILC
Q3387-03	BC289050-2-1	42	1.00	1.00	2.00	2.00	100.0	PILC
Q3387-04	BC289050-2-2	43	1.00	1.00	2.00	2.00	100.0	PILC
Q3388-01	461	44	1.00	1.00	2.00	2.00	100.0	oily-debris
Q3389-01	KMH472J-1-1	45	1.00	1.00	2.00	2.00	100.0	PILC
Q3389-02	KMH472J-1-2	46	1.00	1.00	2.00	2.00	100.0	PILC
Q3390-01	4175	47	1.00	1.00	2.00	2.00	100.0	debris
Q3390-03	340	48	1.18	10.76	11.94	10.34	85.1	
Q3390-04	340-E2	49	1.16	10.88	12.04	9.11	73.1	
Q3391-01	RCA	31	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3392-01	MH-20	32	1.18	10.77	11.95	10.9	90.3	
Q3392-02	MH-20-EPH	33	1.16	11.00	12.16	11.07	90.1	
Q3392-03	MH-20-VOC	34	1.18	10.89	12.07	10.69	87.3	
Q3392-05	MH-19	35	1.16	10.50	11.66	10.34	87.4	
Q3392-06	MH-19-EPH	36	1.12	10.87	11.99	10.41	85.5	
Q3392-07	MH-19-VOC	37	1.16	10.50	11.66	10.37	87.7	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

VR 137576

WORKLIST(Hardcopy Internal Chain)

WorkList Name : %1-101725 **WorkList ID :** 192523 **Department :** Wet-Chemistry **Date :** 10-17-2025 10:20:50

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3373-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	J32	10/10/2025	Chemtech -SO
Q3373-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	J32	10/10/2025	Chemtech -SO
Q3373-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	J32	10/10/2025	Chemtech -SO
Q3373-08	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	J32	10/10/2025	Chemtech -SO
Q3373-09	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	J32	10/10/2025	Chemtech -SO
Q3373-10	PEST -GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	J32	10/10/2025	Chemtech -SO
Q3374-01	TP-4-WC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/16/2025	Chemtech -SO
Q3374-02	TP-4-WC-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/16/2025	Chemtech -SO
Q3374-03	TP-4-WC-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/16/2025	Chemtech -SO
Q3374-05	TP-5-WC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/17/2025	Chemtech -SO
Q3374-06	TP-5-WC-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/17/2025	Chemtech -SO
Q3374-07	TP-5-WC-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/17/2025	Chemtech -SO
Q3375-01	PR132-S02-074099-20251016	Solid	Percent Solids	Cool 4 deg C	AECO02	D31	10/16/2025	Chemtech -SO
Q3375-02	PR132-S04-000013-20251016	Solid	Percent Solids	Cool 4 deg C	AECO02	D31	10/16/2025	Chemtech -SO
Q3375-03	PR132-S05-000057-20251016	Solid	Percent Solids	Cool 4 deg C	AECO02	D31	10/16/2025	Chemtech -SO
Q3375-04	PR132-S02-010074-20251016	Solid	Percent Solids	Cool 4 deg C	AECO02	D31	10/16/2025	Chemtech -SO
Q3375-05	PR132-DP02-074099-20251016	Solid	Percent Solids	Cool 4 deg C	AECO02	D31	10/16/2025	Chemtech -SO
Q3376-01	PR132-S05-057082-20251016	Solid	Percent Solids	Cool 4 deg C	AECO02	D31	10/16/2025	Chemtech -SO
Q3376-02	PR132-DP01-20251016	Solid	Percent Solids	Cool 4 deg C	AECO02	D31	10/16/2025	Chemtech -SO
Q3376-03	PR132-COMP2-20251016	Solid	Percent Solids	Cool 4 deg C	AECO02	D31	10/16/2025	Chemtech -SO
Q3376-04	PR132-S12-047072-20251016	Solid	Percent Solids	Cool 4 deg C	AECO02	D31	10/16/2025	Chemtech -SO

Date/Time 10/17/25 16:00

Raw Sample Received by: BB WC)

Raw Sample Relinquished by: CP (CSM)

Date/Time 10/17/25 17:35

Raw Sample Received by: CP (CSM)

Raw Sample Relinquished by: BB WC)

WORKLIST(Hardcopy Internal Chain)

VB 137576

WorkList Name : %1-101725 **WorkList ID :** 192523 **Department :** Wet-Chemistry **Date :** 10-17-2025 10:20:50

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3376-05	PR132-S12-020047-20251016	Solid	Percent Solids	Cool 4 deg C	AECO02	D31	10/16/2025	Chemtech -SO
Q3381-01	VNJ-222	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/17/2025	Chemtech -SO
Q3381-03	VNJ-245	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/17/2025	Chemtech -SO
Q3381-05	RBR200059	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/17/2025	Chemtech -SO
Q3381-07	VNJ-255	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/17/2025	Chemtech -SO
Q3382-01	CENTRAL-AVE-TP	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/17/2025	Chemtech -SO
Q3382-02	CENTRAL-AVE-TP-EPH-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/17/2025	Chemtech -SO
Q3383-01	OR-03-101725	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/17/2025	Chemtech -SO
Q3383-02	OR-03-101725-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	10/17/2025	Chemtech -SO
Q3386-01	237	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	10/17/2025	Chemtech -SO
Q3386-02	237-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/17/2025	Chemtech -SO
Q3387-01	BC289050-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/17/2025	Chemtech -SO
Q3387-02	BC289050-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/17/2025	Chemtech -SO
Q3387-03	BC289050-2-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/17/2025	Chemtech -SO
Q3387-04	BC289050-2-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/17/2025	Chemtech -SO
Q3388-01	461	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/17/2025	Chemtech -SO
Q3389-01	KMH472J-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/17/2025	Chemtech -SO
Q3389-02	KMH472J-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/17/2025	Chemtech -SO
Q3390-01	4175	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/17/2025	Chemtech -SO
Q3390-03	340	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/17/2025	Chemtech -SO
Q3390-04	340-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03		10/17/2025	Chemtech -SO

Date/Time 10/17/25 16:00

Raw Sample Received by: JB WC

Raw Sample Relinquished by: CR (SM)

Date/Time 10/17/25 17:35

Raw Sample Received by: CR (SM)

Raw Sample Relinquished by: JB WC

WORKLIST(Hardcopy Internal Chain)

VB 137576

WorkList Name : %1-101725 **WorkList ID :** 192523 **Department :** Wet-Chemistry **Date :** 10-17-2025 10:20:50

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3391-01	RCA	Solid	Percent Solids	Cool 4 deg C	YANN01	D31	09/18/2025	Chemtech -SO
Q3392-01	MH-20	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/17/2025	Chemtech -SO
Q3392-02	MH-20-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/17/2025	Chemtech -SO
Q3392-03	MH-20-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/17/2025	Chemtech -SO
Q3392-05	MH-19	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/17/2025	Chemtech -SO
Q3392-06	MH-19-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/17/2025	Chemtech -SO
Q3392-07	MH-19-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/17/2025	Chemtech -SO

Date/Time 10/17/25 16:00

Raw Sample Received by: TB WC

Raw Sample Relinquished by: CP CSM

Date/Time 10/17/25 17:35

Raw Sample Received by: CP CSM

Raw Sample Relinquished by: TB WC

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB170165

SOP ID:	M3541-ASE Extraction-15				
Clean Up SOP #:	N/A			**Extraction Start Date :**	10/20/2025
Matrix :	Solid			**Extraction Start Time :**	09:32
Weigh By:	EH	**Extraction By:**	EH	**Extraction End Date :**	10/20/2025
Balance check:	EH	**Filter By:**	RS	**Extraction End Time :**	13:00
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	N/A	**Hood ID:**	3,7	**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.Q3388-01 & Q3390-01 used Limited volume as samples are oily debries.

KD Bath ID:	N/A	**Envap ID:**	NEVAP-02
KD Bath Temperature:	N/A	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/20/25	RS (Ext lab)	JG/SVOC
13:05	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170165

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 10/20/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170165BL	SBLK165	SVOC-TCL BNA -20	30.02	N/A	ritesh	Evelyn	1			U2-1
PB170165BS	SLCS165	SVOC-TCL BNA -20	30.03	N/A	ritesh	Evelyn	1			2
Q3374-01	TP-4-WC	SVOC-TCL BNA -20	50.06	N/A	ritesh	Evelyn	1	E		3
Q3374-05	TP-5-WC	SVOC-TCL BNA -20	50.07	N/A	ritesh	Evelyn	1	E		4
Q3375-01	PR132-S02-074099-2025 1016	SVOC-TCL BNA -20	30.02	N/A	ritesh	Evelyn	1	E		5
Q3375-02	PR132-S04-000013-2025 1016	SVOC-TCL BNA -20	30.07	N/A	ritesh	Evelyn	1	E		6
Q3375-03	PR132-S05-000057-2025 1016	SVOC-TCL BNA -20	30.03	N/A	ritesh	Evelyn	1	E		U3-1
Q3375-04	PR132-S02-010074-2025 1016	SVOC-TCL BNA -20	30.01	N/A	ritesh	Evelyn	1	E		2
Q3375-05	PR132-DP02-074099-202 51016	SVOC-TCL BNA -20	30.04	N/A	ritesh	Evelyn	1	E		3
Q3381-01	VNJ-222	SVOC-TCL BNA -20	50.03	N/A	ritesh	Evelyn	1	E		4
Q3381-03	VNJ-245	SVOC-TCL BNA -20	50.09	N/A	ritesh	Evelyn	1	E		5
Q3381-03MS	VNJ-245MS	SVOC-TCL BNA -20	50.07	N/A	ritesh	Evelyn	1	E		6
Q3381-03MSD	VNJ-245MSD	SVOC-TCL BNA -20	50.02	N/A	ritesh	Evelyn	1	E		U4-1
Q3381-05	RBR200059	SVOC-TCL BNA -20	50.07	N/A	ritesh	Evelyn	1	E		2
Q3381-07	VNJ-255	SVOC-TCL BNA -20	50.04	N/A	ritesh	Evelyn	1	E		3
Q3382-01	CENTRAL-AVE-TP	SVOC-TCL BNA -20	50.02	N/A	ritesh	Evelyn	1	E		4
Q3383-01	OR-03-101725	SVOC-TCL BNA -20	50.03	N/A	ritesh	Evelyn	1	E		5
Q3386-01	237	SVOC-TCL BNA -20	50.08	N/A	ritesh	Evelyn	1	E		6
Q3388-01	461	SVOC-TCL BNA -20	5.01	N/A	ritesh	Evelyn	1	E	Oily Debris	U5-1
Q3390-01	4175	SVOC-TCL BNA -20	5.04	N/A	ritesh	Evelyn	1	E	Oily Debris	2
Q3390-03	340	SVOC-TCL BNA -20	50.07	N/A	ritesh	Evelyn	1	E		3
Q3392-01	MH-20	SVOC-TCL BNA -20	50.03	N/A	ritesh	Evelyn	1	E		4
Q3392-05	MH-19	SVOC-TCL BNA -20	50.02	N/A	ritesh	Evelyn	1	E		5

RS 10/20

* **Extracts relinquished on the same date as received.**

Q3375-SVOC-TCL BNA -20

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3381B **WorkList ID :** 192554 **Department :** Extraction **Date :** 10-20-2025 09:26:21

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3374-01	TP-4-WC	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	10/16/2025	8270E
Q3374-05	TP-5-WC	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	10/17/2025	8270E
Q3375-01	PR132-S02-074099-20251016	Solid	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	D31	10/16/2025	8270E
Q3375-02	PR132-S04-000013-20251016	Solid	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	D31	10/16/2025	8270E
Q3375-03	PR132-S05-000057-20251016	Solid	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	D31	10/16/2025	8270E
Q3375-04	PR132-S02-010074-20251016	Solid	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	D31	10/16/2025	8270E
Q3375-05	PR132-DP02-074099-2025101(	Solid	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	D31	10/16/2025	8270E
Q3381-01	VNJ-222	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	10/17/2025	8270E
Q3381-03	VNJ-245	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	10/17/2025	8270E
Q3381-05	RBR200059	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	10/17/2025	8270E
Q3381-07	VNJ-255	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	10/17/2025	8270E
Q3382-01	CENTRAL-AVE-TP	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	10/17/2025	8270E
Q3383-01	OR-03-101725	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	D41	10/17/2025	8270E
Q3386-01	237	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	10/17/2025	8270E
Q3388-01	461	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	10/17/2025	8270E
Q3390-01	4175	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	10/17/2025	8270E
Q3390-03	340	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	10/17/2025	8270E
Q3392-01	MH-20	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	10/17/2025	8270E
Q3392-05	MH-19	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	10/17/2025	8270E

Date/Time 10/20/25 9:30
Raw Sample Received by: RS (Ext-Lab)
Raw Sample Relinquished by: CP

Date/Time 10/20/25 10:00
Raw Sample Received by: CP
Raw Sample Relinquished by: RS (Ext-Lab)

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

Prep Standard - Chemical Standard Summary

Order ID : Q3375

Test : SVOC-TCL BNA -20

Prepbatch ID : PB170165,

Sequence ID/Qc Batch ID: BF102025,bf102125,BG102025,

Standard ID :
EP2641,EP2652,SP6856,SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864,SP6865,SP6869,SP6871,SP6872,SP6875,

Chemical ID :
10ul/1000ul sample,E3875,E3932,E3951,E3954,E3965,E3972,E3973,E3980,S11073,S11484,S11652,S11807,S11808,S12197,S12199,S12200,S12201,S12220,S12221,S12245,S12306,S12307,S12507,S12508,S12552,S12553,S12554,S12555,S12556,S12557,S12558,S12559,S12560,S12577,S12739,S12776,S12903,S12904,S12905,S13089,S13090,S13091,S13092,S13093,S13094,S13095,S13096,S13097,S13118,S13119,S13120,S13149,S13160,S13170,S13175,S13178,S13207,S13214,S13233,S13239,S13240,S13241,S13242,S13243,S13244,S13269,

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

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
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

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

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SVOC STANDARD PREPARATION LOG

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

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

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SVOC STANDARD PREPARATION LOG

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

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

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SVOC STANDARD PREPARATION LOG

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

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

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SVOC STANDARD PREPARATION LOG

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

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

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SVOC STANDARD PREPARATION LOG

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

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

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SVOC STANDARD PREPARATION LOG

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

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	01/28/2026	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-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

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

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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 #
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

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

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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 #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0206206	01/02/2026	07/02/2025 / Jagrut	03/15/2024 / Rahul	S12197

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

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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

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

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

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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	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

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

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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	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	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

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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	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 #
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

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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	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

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

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	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

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

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	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	04/10/2026	10/10/2025 / Jagrut	06/02/2025 / anahy	S13178

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 #
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

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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]	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

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

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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)

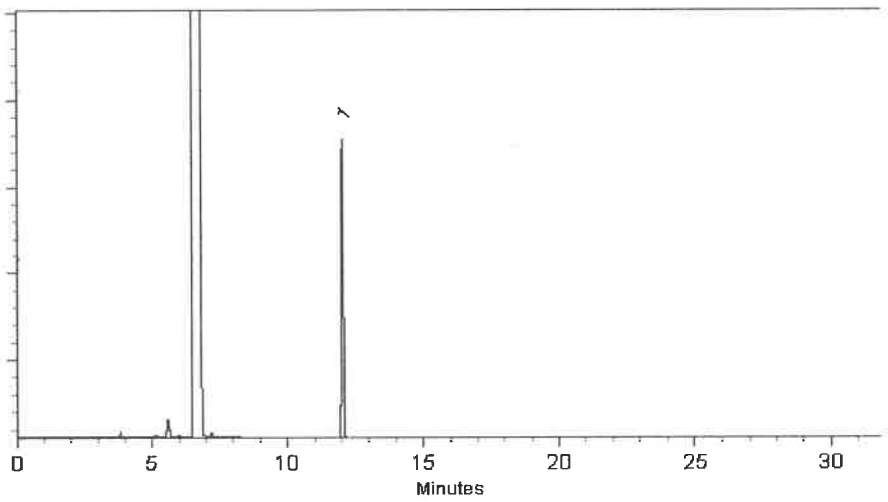
Carrier Gas:
hydrogen-constant pressure 11.0 psi.

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

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

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 PJ

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

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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. : 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.

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. : 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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Certificate of Analysis

chromatographic plus

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. : 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.)

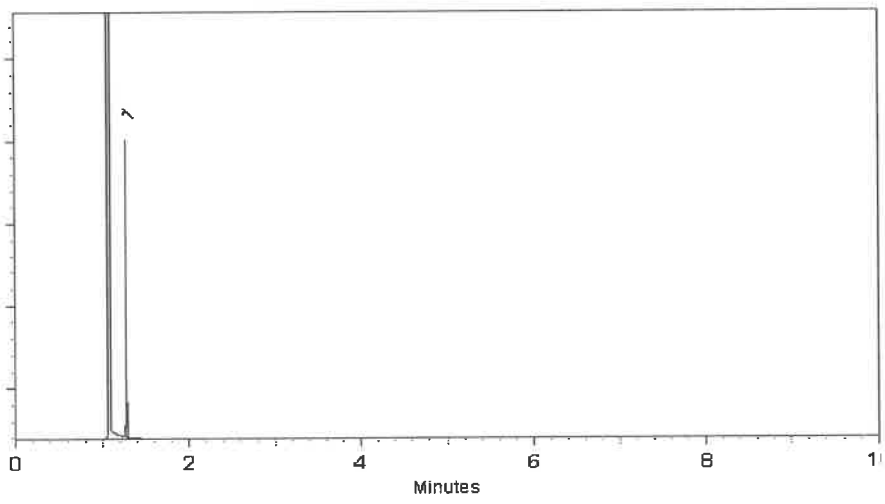
Inj. Temp:
250°C

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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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.)

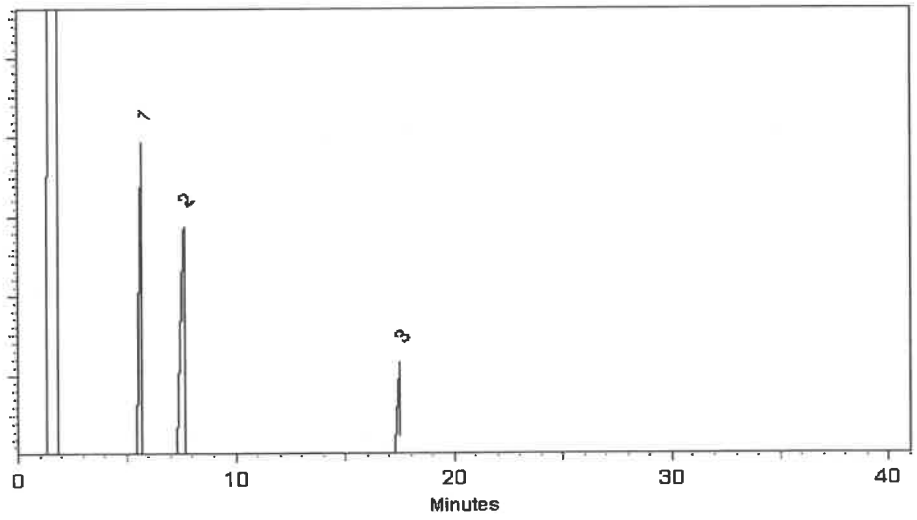
Inj. Temp:
250°C

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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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.)

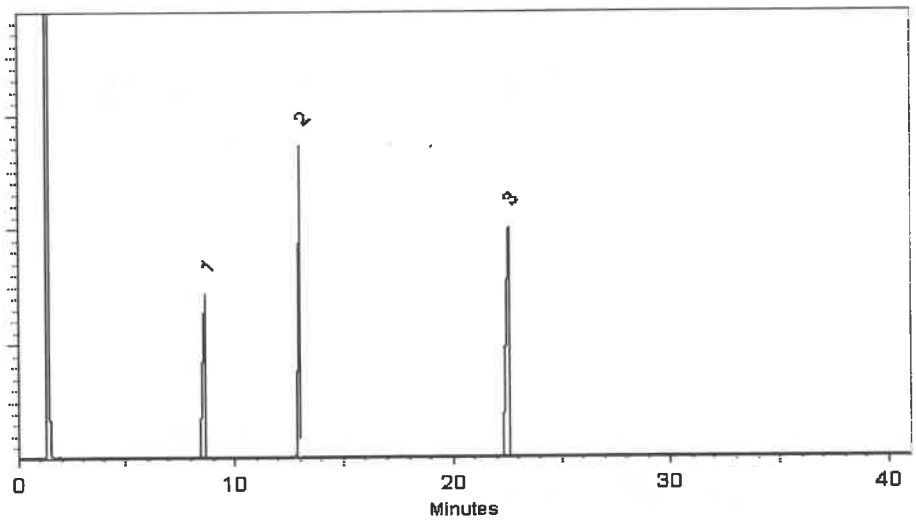
Inj. Temp:
250°C

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. : 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.)

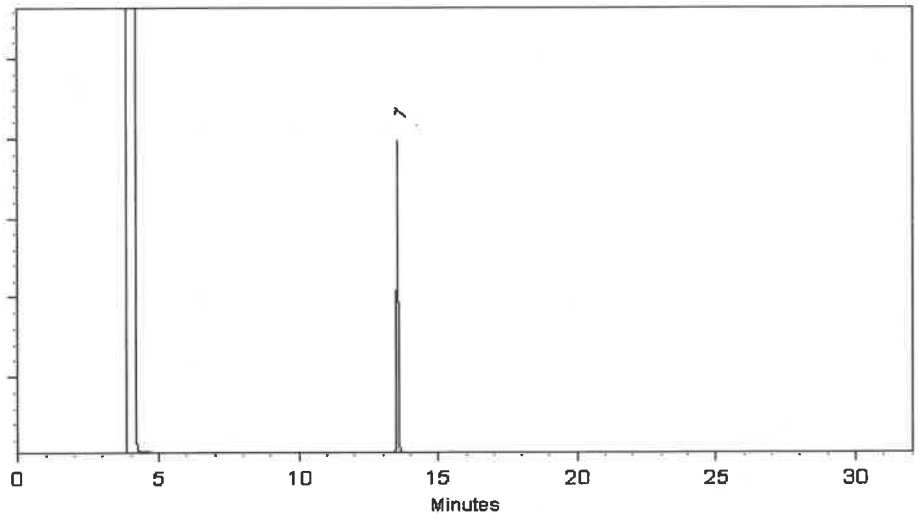
Inj. Temp:
200°C

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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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.)

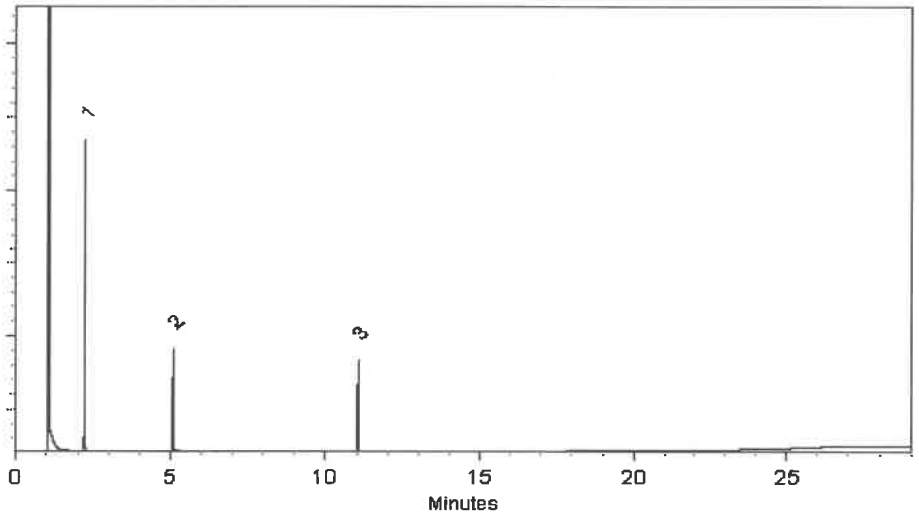
Inj. Temp:
250°C

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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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.)

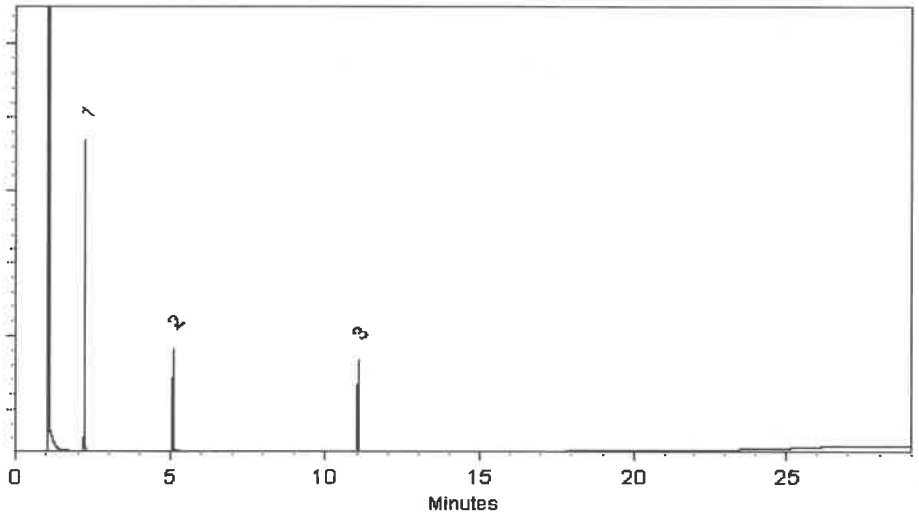
Inj. Temp:
250°C

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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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.
- 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.
- 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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Fax: 1-814-353-1309

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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. : 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.)

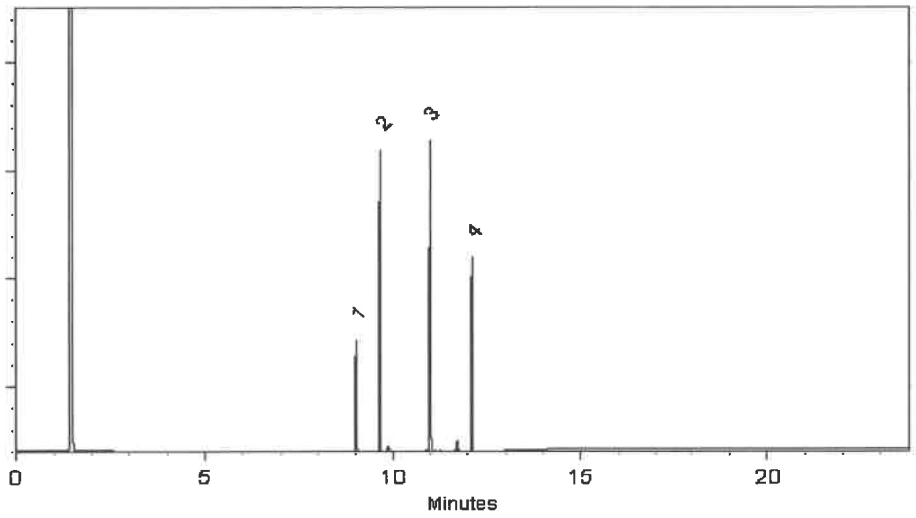
Inj. Temp:
250°C

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

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ISO 17034 Accredited Reference Material Producer Certificate #3222.01

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. : 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

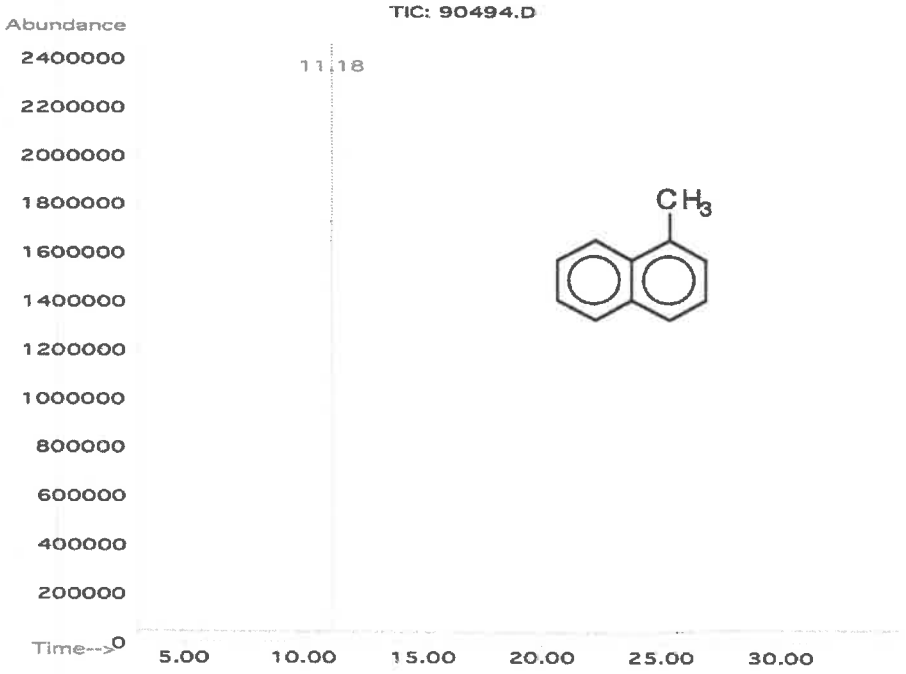
Solvent(s): **Lot#**
Methylene chloride C21F09CAS0000DCM

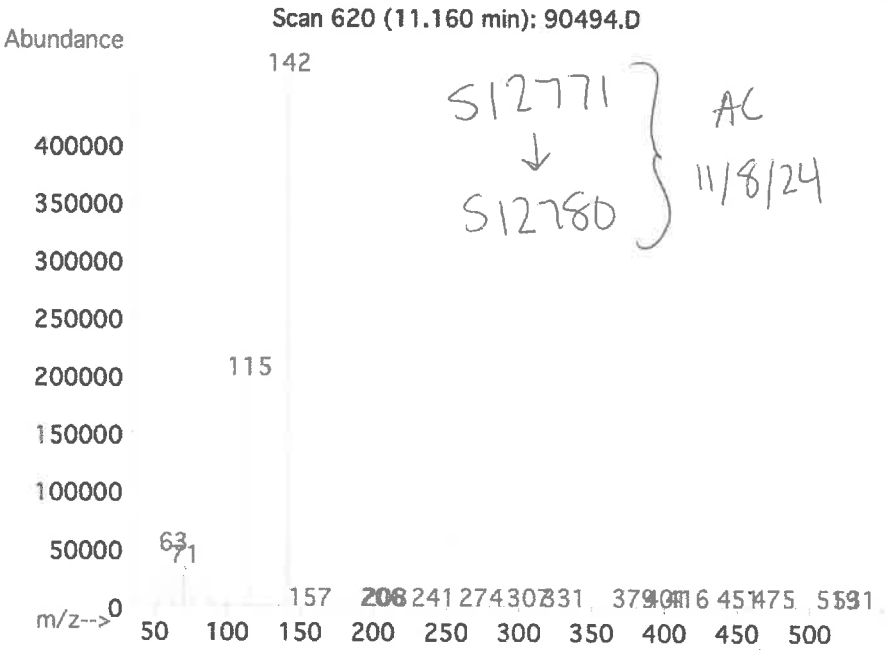
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 100.0 0.031 Flask Uncertainty

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).

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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.)

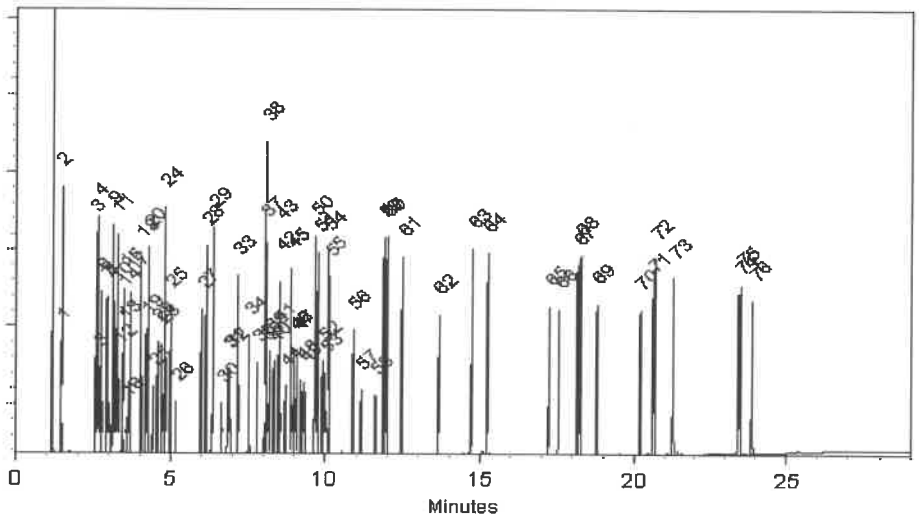
Inj. Temp:
250°C

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

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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.)

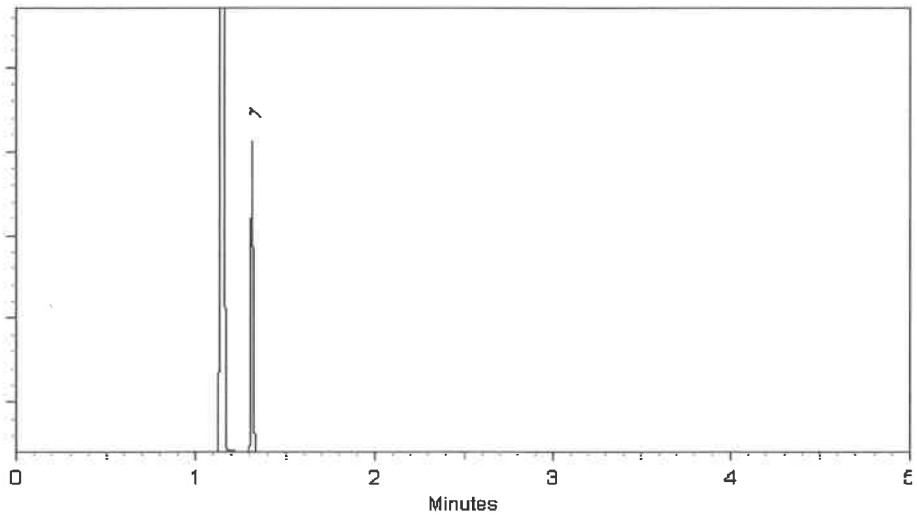
Inj. Temp:
250°C

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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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

S13158 } RC/ 6/4/25
↓
S13167 }

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2028 **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	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

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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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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

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

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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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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.)

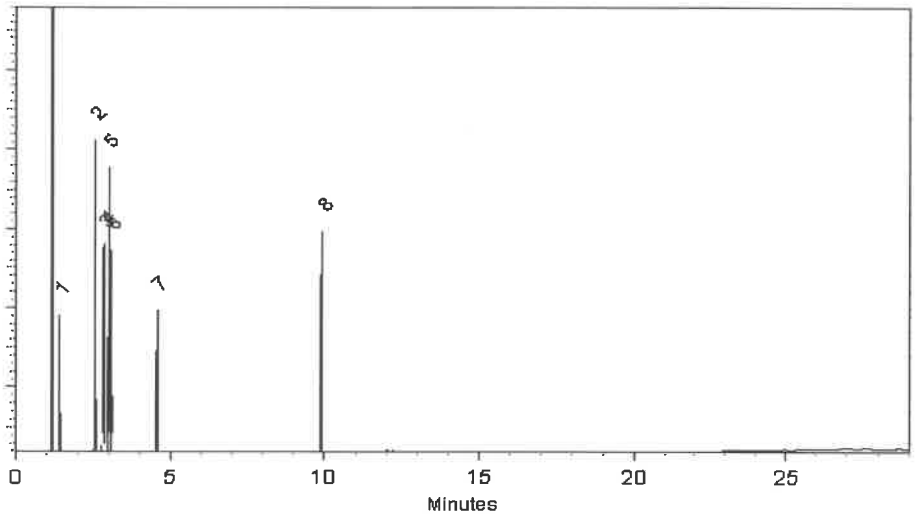
Inj. Temp:
250°C

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

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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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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

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Certificate #3222.02

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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. : 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. Q3377
COC Number 2045166Q3375

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: AECOM
ADDRESS: 605 3rd Avenue,
CITY: New York STATE: NY ZIP: 10158
ATTENTION: Rob Forstner
PHONE: 212-377-8721 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Port Richmond 132
PROJECT NO.: 60693795 LOCATION: Staten Island
PROJECT MANAGER: Rob Forstner
e-mail: robert.forstner@aecom.com
PHONE: 212-377-8721 FAX:

CLIENT BILLING INFORMATION

BILL TO: AECOM PO#:
ADDRESS: 605 3rd Ave
CITY New York STATE: NY ZIP: 10158
ATTENTION: Rob Forstner PHONE: 212-377-8721

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ 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
- ☐ NYS ASP A
- ☒ NYS ASP B
- ☐ Other _____
- ☐ EDD FORMAT _____

ANALYSIS

1: SVOCs 2: Pesticides-TCL 3: Mercury-Metals 4: PCBs/Hexachrome 5: Dioxin 6: Grain Size 7: TOC 8: VOCs 9:

PRESERVATIVES

Method

COMMENTS

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	1	2	3	4	5	6	7	8	9
1.	PR132-SO2-074099-20251016	soil		X	10/16	840	11	X	X	X	X	X	X	X	X	
2.	PR132-SO4-000013-20251016	soil		X	10/16	945	11	X	X	X	X	X	X	X	X	
3.	~~PR132-SO4~~	~~soil~~		~~X~~	~~10/16~~											
4.	PR132-SO5-000057-20251016	soil		X	10/16	1110	11	X	X	X	X	X	X	X	X	
5.	PR132-SO2-010074-20251016	soil		X	10/16	850	11	X	X	X	X	X	X	X	X	
6.	PR132-DP02-20251016	soil		X	10/16	1113	11	X	X	X	X	X	X	X	X	
7.	Temp Blank	water													X	
8.																
9.																
10.																

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. Jim Aldersen	10/16/25 1650	1. 10-16-25 1650
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
2.		2.
RELINQUISHED BY SAMPLER:	DATE/TIME: 1805 10-16-25	RECEIVED BY:
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.2 °C
Comments:

Page _____ of

CLIENT: ☐ Hand Delivered ☐ Other _____

Shipment Complete ☐ YES ☐ NO

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WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

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

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3375 AECO02
Client Name : AECOM
Client Contact : Rob Forstner
Invoice Name : AECOM
Invoice Contact : Rob Forstner

Order Date : 10/17/2025 10:32:00 AM
Project Name : AE1-CTY 3.2.Z-PR-DOCK
Receive DateTime : 10/16/2025 6:15:00 PM
Purchase Order :

Project Mgr :
Report Type : NYS ASP B
EDD Type : EQUIS
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3375-01	PR132-S02-074099-20251016	Solid	10/16/2025	08:40					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q3375-02	PR132-S04-000013-20251016	Solid	10/16/2025	09:45					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q3375-03	PR132-S05-000057-20251016	Solid	10/16/2025	10:10					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q3375-04	PR132-S02-010074-20251016	Solid	10/16/2025	08:50					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q3375-05	PR132-DP02-~~074099~~-20251016	Solid	10/16/2025	11:13					
					VOC-TCLVOA-10		8260D		10 Bus. Days

Relinguished By : [signature]
Date / Time : 10/17/25 13:35

Received By : Sam
Date / Time : 10/17/25 13:35

Rgt 6
F+2

Storage Area : VOA Refridgerator Room