284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Cover Page

Order ID : Q3834

Project ID : US EPA Riverside Industrial Park Superfund Site

Client : Woodard & Curran

Lab Sample Number	Client Sample Number
Q3834-01	B119(0-1)120925
Q3834-02	B119(1-2)120925
Q3834-03	B119(2-4)120925
Q3834-04	B119(4-6)120925
Q3834-05	B119(6-8)120925
Q3834-06	B121(0-1)120925
Q3834-07	B121(1-2)120925
Q3834-08	B121(2-4)120925
Q3834-09	B121(4-6)120925
Q3834-10	B121(6-8)120925
Q3834-11	B123(0-1)120925
Q3834-12	B123(1-2)120925
Q3834-13	B123(2-4)120925
Q3834-14	B123(4-6)120925
Q3834-15	B123(6-8)120925
Q3834-16	B125(0-1)120925
Q3834-17	B125(1-2)120925
Q3834-18	B125(2-4)120925
Q3834-19	B125(4-6)120925
Q3834-20	B125(6-8)120925
Q3834-21	B128(0-1)120925
Q3834-22	B128(1-2)120925
Q3834-23	B128(2-4)120925
Q3834-24	B128(6-8)120925
Q3834-25	B128(4-6)120925
Q3834-26	B128(4-6)120925MS
Q3834-27	B128(4-6)120925MSD
Q3834-28	DUP-1-120925
Q3834-29	B127(5.5-8)120925

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

Signature : _____

Date: 12/17/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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Cover Page

Order ID : Q3834

Project ID : US EPA Riverside Industrial Park Superfund Site

Client : Woodard & Curran

Lab Sample Number	Client Sample Number
Q3834-30	B127(8-10)120925

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

Signature : _____

Date: 12/17/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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

CASE NARRATIVE

Woodard & Curran
Project Name: US EPA Riverside Industrial Park Superfund Site
Project # N/A
Order ID # Q3834
Test Name: SVOC-TCL BNA -20

A. Number of Samples and Date of Receipt:
2 Solid samples were received on 12/10/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: SVOC-TCL BNA -20. This data package contains results for SVOC-TCL BNA -20.

C. Analytical Techniques:
The samples were analyzed on instrument BNA_G using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGA. The samples were analyzed on instrument BNA_P 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 {Q3831-01MS} with File ID: BP026304.D recoveries met the requirements for all compounds except for 3,3-Dichlorobenzidine[43%], 3-Nitroaniline[50%] and 4-Chloroaniline[25%], these compounds did not meet the NJDKQP criteria but met the in-house criteria due to matrix interference.

The MSD {Q3831-01MSD} with File ID: BP026305.D recoveries met the requirements for all compounds except for 3,3-Dichlorobenzidine[54%], 3-Nitroaniline[52%], 4,6-Dinitro-2-methylphenol[63%], 4-Chloroaniline[25%] and 4-Nitroaniline[68%], these compounds did not meet the NJDKQP criteria but met the in-house criteria due to matrix interference.

The RPD for {Q3831-01MSD} with File ID: BP026305.D met criteria except for 2,4-Dinitrophenol[33%], 3,3-Dichlorobenzidine[23%] and Hexachlorocyclopentadiene[41%], due to difference in results of MS and MSD.

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The Blank Spike for {PB170902BS} with File ID: BP026292.D met requirements for all compounds except for 3-Nitroaniline[65%], 4-Chloroaniline[49%], these compounds did not meet the NJDKQP criteria but met the in-house criteria.

The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.

The Continuous Calibration File ID BP026290.D met the requirements except for 2,4-Dinitrophenol, The associate samples have no positive hit for these compounds therefore no corrective action was taken.

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.

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_____

284 Sheffield Street, Mountainside NJ 07092 Tel. 908-789-8900 Fax: 908-789-8922

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

ALLIANCE 284 Sheffield Street, Mountainside New Jersey 07092

NEW JERSEY LAB ID#: 20012: NEW YORK LAB ID#: 11376

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

ORDER ID: Q3834 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 Initial Calibration met the requirements. The Continuous Calibration File ID BP026290.D met the requirements except for 2,4-Dinitrophenol, The associate samples have no positive hit for these compounds therefore no corrective action was taken.		✓	
6.	Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
7.	Surrogate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable ranges.			✓

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

(CONTINUED)

		NA	NO	YES
8.	Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria			✓

If not met, list those compounds and their recoveries which fall outside the acceptable range.

The MS {Q3831-01MS} with File ID: BP026304.D recoveries met the requirements for all compounds except for 3,3-Dichlorobenzidine[43%], 3-Nitroaniline[50%] and 4-Chloroaniline[25%], these compounds did not meet the NJDKQP criteria but met the in-house criteria due to matrix interference.

The MSD {Q3831-01MSD} with File ID: BP026305.D recoveries met the requirements for all compounds except for 3,3-Dichlorobenzidine[54%], 3-Nitroaniline[52%], 4,6-Dinitro-2-methylphenol[63%], 4-Chloroaniline[25%] and 4-Nitroaniline[68%], these compounds did not meet the NJDKQP criteria but met the in-house criteria due to matrix interference.

The Blank Spike for {PB170902BS} with File ID: BP026292.D met requirements for all compounds except for 3-Nitroaniline[65%], 4-Chloroaniline[49%], these compounds did not meet the NJDKQP criteria but met the in-house criteria.
The RPD for {Q3831-01MSD} with File ID: BP026305.D met criteria except for 2,4-Dinitrophenol[33%], 3,3-Dichlorobenzidine[23%] and Hexachlorocyclopentadiene [41%], due to difference in results of MS and MSD.

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,
Fax : 908 789 8922

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **Q3834**

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

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

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LAB CHRONICLE

OrderID:	Q3834	**OrderDate:**	12/10/2025 1:42:00 PM
Client:	Woodard & Curran	**Project:**	US EPA Riverside Industrial Park Superfund Site
Contact:	Bruce Geno	**Location:**	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3834-29	**B127(5.5-8)120925**	**SOIL**			**12/09/25**			**12/10/25**
			SVOC-TCL BNA -20	8270E		12/11/25	12/11/25	
Q3834-30	**B127(8-10)120925**	**SOIL**			**12/09/25**			**12/10/25**
			SVOC-TCL BNA -20	8270E		12/11/25	12/11/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3834

Client: Woodard & Curran

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	**B127(5.5-8)120925**							
Q3834-29	B127(5.5-8)120925	SOIL	(1S,4aS,4bS,7S,8aS,10aS)-7-Isopı *	1,300.000	J	0	0	ug/Kg
Q3834-29	B127(5.5-8)120925	SOIL	10,18-Bisnorabieta-5,7,9(10),11,1 *	4,400.000	J	0	0	ug/Kg
Q3834-29	B127(5.5-8)120925	SOIL	10,18-Bisnorabieta-8,11,13-triene *	1,300.000	J	0	0	ug/Kg
Q3834-29	B127(5.5-8)120925	SOIL	1-Methyldecahydronaphthalene *	1,200.000	J	0	0	ug/Kg
Q3834-29	B127(5.5-8)120925	SOIL	3-Ethyl-2,6,10-trimethylundecane *	1,400.000	J	0	0	ug/Kg
Q3834-29	B127(5.5-8)120925	SOIL	4b,8-Dimethyl-2-isopropylphenan *	3,700.000	J	0	0	ug/Kg
Q3834-29	B127(5.5-8)120925	SOIL	Cyclohexane, butyl- *	1,000.000	J	0	0	ug/Kg
Q3834-29	B127(5.5-8)120925	SOIL	Cyclohexane, pentyl- *	790.000	J	0	0	ug/Kg
Q3834-29	B127(5.5-8)120925	SOIL	Decane, 2,6,8-trimethyl- *	1,000.000	J	0	0	ug/Kg
Q3834-29	B127(5.5-8)120925	SOIL	Dodecane, 2,6,11-trimethyl- *	1,300.000	J	0	0	ug/Kg
Q3834-29	B127(5.5-8)120925	SOIL	Hexadecane, 2,6,10,14-tetramethy *	1,000.000	J	0	0	ug/Kg
Q3834-29	B127(5.5-8)120925	SOIL	Naphthalene, decahydro-2-methyl *	860.000	J	0	0	ug/Kg
Q3834-29	B127(5.5-8)120925	SOIL	Retene *	1,400.000	J	0	0	ug/Kg
			Total Tics :	**20,650.00**				
			Total Concentration:	**20,650.00**				
Client ID :	**B127(8-10)120925**							
Q3834-30	B127(8-10)120925	SOIL	Phenanthrene	130.000	J	33.1	270	ug/Kg
Q3834-30	B127(8-10)120925	SOIL	Fluoranthene	290.000		47.5	270	ug/Kg
Q3834-30	B127(8-10)120925	SOIL	Pyrene	310.000		57	270	ug/Kg
Q3834-30	B127(8-10)120925	SOIL	Benzo(a)anthracene	180.000	J	36.4	270	ug/Kg
Q3834-30	B127(8-10)120925	SOIL	Chrysene	180.000	J	31.5	270	ug/Kg
Q3834-30	B127(8-10)120925	SOIL	Benzo(b)fluoranthene	200.000	J	30.1	270	ug/Kg
Q3834-30	B127(8-10)120925	SOIL	Benzo(a)pyrene	210.000	J	46.7	270	ug/Kg
Q3834-30	B127(8-10)120925	SOIL	Benzo(g,h,i)perylene	130.000	J	40.7	270	ug/Kg
			Total Svoc :	**1,630.00**				
Q3834-30	B127(8-10)120925	SOIL	(1S,4aS,4bS,7S,8aS,10aS)-7-Isopı *	110.000	J	0	0	ug/Kg
Q3834-30	B127(8-10)120925	SOIL	10,18-Bisnorabieta-5,7,9(10),11,1 *	110.000	J	0	0	ug/Kg
Q3834-30	B127(8-10)120925	SOIL	Benzophenone *	340.000	J	0	0	ug/Kg
Q3834-30	B127(8-10)120925	SOIL	Phenol, 2,4,6-trimethyl- *	130.000	J	0	0	ug/Kg
Q3834-30	B127(8-10)120925	SOIL	Phenol, 4-(1,1-dimethylpropyl)- *	140.000	J	0	0	ug/Kg
Q3834-30	B127(8-10)120925	SOIL	Phenol, p-tert-butyl- *	600.000	J	0	0	ug/Kg
Q3834-30	B127(8-10)120925	SOIL	Heptadecyl heptafluorobutyrate *	130.000	J	0	0	ug/Kg
Q3834-30	B127(8-10)120925	SOIL	n-Hexadecanoic acid *	300.000	JB	0	0	ug/Kg
Q3834-30	B127(8-10)120925	SOIL	Triethylamine *	170.000	J	0	0	ug/Kg
			Total Tics :	**2,030.00**				
			Total Concentration:	**3,660.00**				

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Hit Summary Sheet
SW-846

SDG No.: Q3834

Client: Woodard & Curran

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.: Q3834

Client: Woodard & Curran

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB170902BL	PB170902BL	2-Fluorophenol	150	130	87		30 (10)	130 (105)
		Phenol-d6	150	121	81		30 (10)	130 (103)
		Nitrobenzene-d5	100	87.0	87		30 (10)	130 (108)
		2-Fluorobiphenyl	100	89.3	89		30 (10)	130 (108)
		2,4,6-Tribromophenol	150	147	98		30 (10)	130 (116)
		Terphenyl-d14	100	91.2	91		30 (10)	130 (109)
PB170902BS	PB170902BS	2-Fluorophenol	150	117	78		30 (10)	130 (105)
		Phenol-d6	150	113	75		30 (10)	130 (103)
		Nitrobenzene-d5	100	76.2	76		30 (10)	130 (108)
		2-Fluorobiphenyl	100	79.0	79		30 (10)	130 (108)
		2,4,6-Tribromophenol	150	134	89		30 (10)	130 (116)
		Terphenyl-d14	100	84.2	84		30 (10)	130 (109)
Q3831-01MS	PL-01-12102025MS	2-Fluorophenol	150	67.7	45		30 (10)	130 (105)
		Phenol-d6	150	66.2	44		30 (10)	130 (103)
		Nitrobenzene-d5	100	45.4	45		30 (10)	130 (108)
		2-Fluorobiphenyl	100	45.2	45		30 (10)	130 (108)
		2,4,6-Tribromophenol	150	74.3	50		30 (10)	130 (116)
		Terphenyl-d14	100	46.4	46		30 (10)	130 (109)
Q3831-01MSD	PL-01-12102025MSD	2-Fluorophenol	150	64.0	43		30 (10)	130 (105)
		Phenol-d6	150	62.2	41		30 (10)	130 (103)
		Nitrobenzene-d5	100	43.2	43		30 (10)	130 (108)
		2-Fluorobiphenyl	100	43.3	43		30 (10)	130 (108)
		2,4,6-Tribromophenol	150	71.8	48		30 (10)	130 (116)
		Terphenyl-d14	100	45.7	46		30 (10)	130 (109)
Q3834-29	B127(5.5-8)120925	2-Fluorophenol	150	63.2	42		30 (10)	130 (105)
		Phenol-d6	150	58.3	39		30 (10)	130 (103)
		Nitrobenzene-d5	100	39.7	40		30 (10)	130 (108)
		2-Fluorobiphenyl	100	36.4	36		30 (10)	130 (108)
		2,4,6-Tribromophenol	150	63.9	43		30 (10)	130 (116)
		Terphenyl-d14	100	35.6	36		30 (10)	130 (109)
Q3834-30	B127(8-10)120925	2-Fluorophenol	150	71.3	48		30 (10)	130 (105)
		Phenol-d6	150	67.3	45		30 (10)	130 (103)
		Nitrobenzene-d5	100	46.5	47		30 (10)	130 (108)
		2-Fluorobiphenyl	100	45.5	46		30 (10)	130 (108)
		2,4,6-Tribromophenol	150	76.7	51		30 (10)	130 (116)
		Terphenyl-d14	100	42.9	43		30 (10)	130 (109)

( ) = LABORATORY INHOUSE LIMIT

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3834 **Analytical Method:** SW8270E

Client: Woodard & Curran **DataFile:** BP026304.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3831-01MS		**Client Sample ID: PL-01-12102025MS**									
Benzaldehyde	1100	0	950	ug/Kg	86				20 (20)	160 (111)	
Phenol	1100	0	920	ug/Kg	84				20 (51)	160 (122)	
bis(2-Chloroethyl)ether	1100	0	860	ug/Kg	78				70 (67)	130 (110)	
2-Chlorophenol	1100	0	950	ug/Kg	86				70 (67)	130 (119)	
2-Methylphenol	1100	0	930	ug/Kg	85				70 (68)	130 (116)	
2,2-oxybis(1-Chloropropane)	1100	0	840	ug/Kg	76				70 (59)	130 (113)	
Acetophenone	1100	0	920	ug/Kg	84				70 (55)	130 (128)	
3+4-Methylphenols	1100	0	900	ug/Kg	82				20 (70)	160 (111)	
N-Nitroso-di-n-propylamine	1100	0	860	ug/Kg	78				70 (59)	130 (119)	
Hexachloroethane	1100	0	910	ug/Kg	83				20 (65)	160 (115)	
Nitrobenzene	1100	0	940	ug/Kg	85				70 (66)	130 (120)	
Isophorone	1100	0	900	ug/Kg	82				70 (67)	130 (113)	
2-Nitrophenol	1100	0	1000	ug/Kg	91				70 (69)	130 (135)	
2,4-Dimethylphenol	1100	0	980	ug/Kg	89				70 (63)	130 (151)	
bis(2-Chloroethoxy)methane	1100	0	900	ug/Kg	82				70 (70)	130 (112)	
2,4-Dichlorophenol	1100	0	1000	ug/Kg	91				70 (70)	130 (121)	
Naphthalene	1100	73.1	1000	ug/Kg	84				70 (66)	130 (113)	
4-Chloroaniline	1100	0	270	ug/Kg	25	*			70 (10)	130 (100)	
Hexachlorobutadiene	1100	0	1000	ug/Kg	91				70 (67)	130 (118)	
Caprolactam	1100	0	860	ug/Kg	78				20 (51)	160 (134)	
4-Chloro-3-methylphenol	1100	0	960	ug/Kg	87				70 (71)	130 (118)	
2-Methylnaphthalene	1100	70.9	930	ug/Kg	78				70 (59)	130 (123)	
Hexachlorocyclopentadiene	2200	0	1100	ug/Kg	50				20 (16)	160 (175)	
2,4,6-Trichlorophenol	1100	0	1000	ug/Kg	91				70 (67)	130 (128)	
2,4,5-Trichlorophenol	1100	0	1000	ug/Kg	91				70 (69)	130 (123)	
1,1-Biphenyl	1100	0	950	ug/Kg	86				70 (69)	130 (126)	
2-Chloronaphthalene	1100	0	950	ug/Kg	86				70 (71)	130 (113)	
2-Nitroaniline	1100	0	960	ug/Kg	87				70 (73)	130 (125)	
Dimethylphthalate	1100	0	940	ug/Kg	85				70 (72)	130 (116)	
Acenaphthylene	1100	120	1100	ug/Kg	89				70 (69)	130 (128)	
2,6-Dinitrotoluene	1100	0	1000	ug/Kg	91				70 (67)	130 (141)	
3-Nitroaniline	1100	0	550	ug/Kg	50	*			70 (28)	130 (102)	
Acenaphthene	1100	72.5	1000	ug/Kg	84				70 (70)	130 (121)	
2,4-Dinitrophenol	2200	0	1800	ug/Kg	82				20 (10)	160 (164)	
4-Nitrophenol	2200	0	1700	ug/Kg	77				20 (49)	160 (133)	
Dibenzofuran	1100	57.8	1000	ug/Kg	86				70 (71)	130 (111)	
2,4-Dinitrotoluene	1100	0	990	ug/Kg	90				70 (73)	130 (130)	
Diethylphthalate	1100	0	950	ug/Kg	86				70 (73)	130 (116)	
4-Chlorophenyl-phenylether	1100	0	970	ug/Kg	88				70 (72)	130 (112)	
Fluorene	1100	130	1100	ug/Kg	88				70 (67)	130 (114)	
4-Nitroaniline	1100	0	780	ug/Kg	71				70 (61)	130 (128)	
4,6-Dinitro-2-methylphenol	1100	0	880	ug/Kg	80				70 (25)	130 (163)	
N-Nitrosodiphenylamine	1100	0	990	ug/Kg	90				70 (73)	130 (118)	
4-Bromophenyl-phenylether	1100	0	1100	ug/Kg	100				70 (65)	130 (121)	
Hexachlorobenzene	1100	0	1100	ug/Kg	100				70 (67)	130 (118)	
Atrazine	1100	0	980	ug/Kg	89				70 (79)	130 (127)	

( ) = LABORATORY INHOUSE LIMIT

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3834 **Analytical Method:** SW8270E

Client: Woodard & Curran **DataFile:** BP026304.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	2200	0	2100	ug/Kg	95				20 (39)	160 (145)	
Phenanthrene	1100	610	1500	ug/Kg	81				70 (52)	130 (128)	
Anthracene	1100	190	1200	ug/Kg	92				70 (62)	130 (124)	
Carbazole	1100	45.4	990	ug/Kg	86				70 (73)	130 (115)	
Di-n-butylphthalate	1100	0	980	ug/Kg	89				70 (72)	130 (129)	
Fluoranthene	1100	830	1700	ug/Kg	79				70 (31)	130 (152)	
Pyrene	1100	740	1700	ug/Kg	87				70 (37)	130 (122)	
Butylbenzylphthalate	1100	0	1000	ug/Kg	91				70 (59)	130 (151)	
3,3-Dichlorobenzidine	1100	0	470	ug/Kg	43	*			70 (10)	130 (116)	
Benzo(a)anthracene	1100	390	1400	ug/Kg	92				70 (53)	130 (119)	
Chrysene	1100	400	1300	ug/Kg	82				70 (57)	130 (121)	
bis(2-Ethylhexyl)phthalate	1100	0	970	ug/Kg	88				70 (64)	130 (139)	
Di-n-octyl phthalate	1100	0	970	ug/Kg	88				70 (51)	130 (156)	
Benzo(b)fluoranthene	1100	500	1400	ug/Kg	82				70 (52)	130 (117)	
Benzo(k)fluoranthene	1100	160	1200	ug/Kg	95				70 (57)	130 (134)	
Benzo(a)pyrene	1100	400	1400	ug/Kg	91				70 (70)	130 (142)	
Indeno(1,2,3-cd)pyrene	1100	210	1200	ug/Kg	90				70 (48)	130 (129)	
Dibenz(a,h)anthracene	1100	66.3	1000	ug/Kg	85				70 (43)	130 (123)	
Benzo(g,h,i)perylene	1100	270	1200	ug/Kg	85				70 (40)	130 (133)	
1,2,4,5-Tetrachlorobenzene	1100	0	1000	ug/Kg	91				70 (65)	130 (132)	
1,4-Dioxane	1100	0	750	ug/Kg	68				20 (46)	160 (112)	
2,3,4,6-Tetrachlorophenol	1100	0	1000	ug/Kg	91				70 (56)	130 (141)	

( ) = LABORATORY INHOUSE LIMIT

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3834 **Analytical Method:** SW8270E

Client: Woodard & Curran **DataFile:** BP026305.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID: Q3831-01MSD		**Client Sample ID: PL-01-12102025MSD**									
Benzaldehyde	1100	0	890	ug/Kg	81		6		20 (20)	160 (111)	30 (20)
Phenol	1100	0	870	ug/Kg	79		6		20 (51)	160 (122)	30 (20)
bis(2-Chloroethyl)ether	1100	0	820	ug/Kg	75		4		70 (67)	130 (110)	30 (20)
2-Chlorophenol	1100	0	900	ug/Kg	82		5		70 (67)	130 (119)	30 (20)
2-Methylphenol	1100	0	880	ug/Kg	80		6		70 (68)	130 (116)	30 (20)
2,2-oxybis(1-Chloropropane)	1100	0	790	ug/Kg	72		5		70 (59)	130 (113)	30 (20)
Acetophenone	1100	0	880	ug/Kg	80		5		70 (55)	130 (128)	30 (20)
3+4-Methylphenols	1100	0	860	ug/Kg	78		5		20 (70)	160 (111)	30 (20)
N-Nitroso-di-n-propylamine	1100	0	810	ug/Kg	74		5		70 (59)	130 (119)	30 (20)
Hexachloroethane	1100	0	840	ug/Kg	76		9		20 (65)	160 (115)	30 (20)
Nitrobenzene	1100	0	880	ug/Kg	80		6		70 (66)	130 (120)	30 (20)
Isophorone	1100	0	860	ug/Kg	78		5		70 (67)	130 (113)	30 (20)
2-Nitrophenol	1100	0	970	ug/Kg	88		3		70 (69)	130 (135)	30 (16)
2,4-Dimethylphenol	1100	0	930	ug/Kg	85		5		70 (63)	130 (151)	30 (20)
bis(2-Chloroethoxy)methane	1100	0	860	ug/Kg	78		5		70 (70)	130 (112)	30 (20)
2,4-Dichlorophenol	1100	0	970	ug/Kg	88		3		70 (70)	130 (121)	30 (20)
Naphthalene	1100	73.1	940	ug/Kg	79		6		70 (66)	130 (113)	30 (20)
4-Chloroaniline	1100	0	280	ug/Kg	25	*	0		70 (10)	130 (100)	30 (25)
Hexachlorobutadiene	1100	0	1000	ug/Kg	91		0		70 (67)	130 (118)	30 (16)
Caprolactam	1100	0	810	ug/Kg	74		5		20 (51)	160 (134)	30 (25)
4-Chloro-3-methylphenol	1100	0	920	ug/Kg	84		4		70 (71)	130 (118)	30 (20)
2-Methylnaphthalene	1100	70.9	880	ug/Kg	74		5		70 (59)	130 (123)	30 (20)
Hexachlorocyclopentadiene	2200	0	720	ug/Kg	33		41	*	20 (16)	160 (175)	30 (20)
2,4,6-Trichlorophenol	1100	0	990	ug/Kg	90		1		70 (67)	130 (128)	30 (16)
2,4,5-Trichlorophenol	1100	0	980	ug/Kg	89		2		70 (69)	130 (123)	30 (16)
1,1-Biphenyl	1100	0	920	ug/Kg	84		2		70 (69)	130 (126)	30 (20)
2-Chloronaphthalene	1100	0	920	ug/Kg	84		2		70 (71)	130 (113)	30 (20)
2-Nitroaniline	1100	0	960	ug/Kg	87		0		70 (73)	130 (125)	30 (16)
Dimethylphthalate	1100	0	890	ug/Kg	81		5		70 (72)	130 (116)	30 (20)
Acenaphthylene	1100	120	1000	ug/Kg	80		11		70 (69)	130 (128)	30 (15)
2,6-Dinitrotoluene	1100	0	1000	ug/Kg	91		0		70 (67)	130 (141)	30 (20)
3-Nitroaniline	1100	0	570	ug/Kg	52	*	4		70 (28)	130 (102)	30 (20)
Acenaphthene	1100	72.5	940	ug/Kg	79		6		70 (70)	130 (121)	30 (16)
2,4-Dinitrophenol	2200	0	1300	ug/Kg	59		33	*	20 (10)	160 (164)	30 (30)
4-Nitrophenol	2200	0	1700	ug/Kg	77		0		20 (49)	160 (133)	30 (20)
Dibenzofuran	1100	57.8	970	ug/Kg	83		4		70 (71)	130 (111)	30 (20)
2,4-Dinitrotoluene	1100	0	940	ug/Kg	85		6		70 (73)	130 (130)	30 (20)
Diethylphthalate	1100	0	910	ug/Kg	83		4		70 (73)	130 (116)	30 (20)
4-Chlorophenyl-phenylether	1100	0	920	ug/Kg	84		5		70 (72)	130 (112)	30 (20)
Fluorene	1100	130	1000	ug/Kg	79		11		70 (67)	130 (114)	30 (20)
4-Nitroaniline	1100	0	750	ug/Kg	68	*	4		70 (61)	130 (128)	30 (20)
4,6-Dinitro-2-methylphenol	1100	0	690	ug/Kg	63	*	24		70 (25)	130 (163)	30 (30)
N-Nitrosodiphenylamine	1100	0	960	ug/Kg	87		3		70 (73)	130 (118)	30 (20)
4-Bromophenyl-phenylether	1100	0	1000	ug/Kg	91		9		70 (65)	130 (121)	30 (20)
Hexachlorobenzene	1100	0	1000	ug/Kg	91		9		70 (67)	130 (118)	30 (20)
Atrazine	1100	0	950	ug/Kg	86		3		70 (79)	130 (127)	30 (20)

( ) = LABORATORY INHOUSE LIMIT

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3834 **Analytical Method:** SW8270E

Client: Woodard & Curran **DataFile:** BP026305.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Pentachlorophenol	2200	0	2000	ug/Kg	91		4		20 (39)	160 (145)	30 (20)
Phenanthrene	1100	610	1500	ug/Kg	81		0		70 (52)	130 (128)	30 (20)
Anthracene	1100	190	1100	ug/Kg	83		10		70 (62)	130 (124)	30 (20)
Carbazole	1100	45.4	940	ug/Kg	81		6		70 (73)	130 (115)	30 (20)
Di-n-butylphthalate	1100	0	960	ug/Kg	87		2		70 (72)	130 (129)	30 (20)
Fluoranthene	1100	830	1600	ug/Kg	70		12		70 (31)	130 (152)	30 (20)
Pyrene	1100	740	1700	ug/Kg	87		0		70 (37)	130 (122)	30 (27)
Butylbenzylphthalate	1100	0	960	ug/Kg	87		4		70 (59)	130 (151)	30 (20)
3,3-Dichlorobenzidine	1100	0	590	ug/Kg	54	*	23		70 (10)	130 (116)	30 (20)
Benzo(a)anthracene	1100	390	1300	ug/Kg	83		10		70 (53)	130 (119)	30 (20)
Chrysene	1100	400	1300	ug/Kg	82		0		70 (57)	130 (121)	30 (20)
bis(2-Ethylhexyl)phthalate	1100	0	940	ug/Kg	85		3		70 (64)	130 (139)	30 (20)
Di-n-octyl phthalate	1100	0	930	ug/Kg	85		3		70 (51)	130 (156)	30 (20)
Benzo(b)fluoranthene	1100	500	1400	ug/Kg	82		0		70 (52)	130 (117)	30 (20)
Benzo(k)fluoranthene	1100	160	1100	ug/Kg	85		11		70 (57)	130 (134)	30 (20)
Benzo(a)pyrene	1100	400	1300	ug/Kg	82		10		70 (70)	130 (142)	30 (20)
Indeno(1,2,3-cd)pyrene	1100	210	1100	ug/Kg	81		11		70 (48)	130 (129)	30 (20)
Dibenz(a,h)anthracene	1100	66.3	970	ug/Kg	82		4		70 (43)	130 (123)	30 (20)
Benzo(g,h,i)perylene	1100	270	1200	ug/Kg	85		0		70 (40)	130 (133)	30 (20)
1,2,4,5-Tetrachlorobenzene	1100	0	1000	ug/Kg	91		0		70 (65)	130 (132)	30 (20)
1,4-Dioxane	1100	0	710	ug/Kg	65		5		20 (46)	160 (112)	30 (20)
2,3,4,6-Tetrachlorophenol	1100	0	1000	ug/Kg	91		0		70 (56)	130 (141)	30 (20)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3834 **Analytical Method:** 8270E

Client: Woodard & Curran **DataFile:** BP026292.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB170902BS	Benzaldehyde	1700	810	ug/Kg	48				20 (10)	160 (133)	
	Phenol	1700	1300	ug/Kg	76				20 (62)	160 (112)	
	bis(2-Chloroethyl)ether	1700	1300	ug/Kg	76				70 (60)	130 (101)	
	2-Chlorophenol	1700	1400	ug/Kg	82				70 (65)	130 (112)	
	2-Methylphenol	1700	1400	ug/Kg	82				70 (74)	130 (105)	
	2,2-oxybis(1-Chloropropane)	1700	1300	ug/Kg	76				70 (51)	130 (100)	
	Acetophenone	1700	1500	ug/Kg	88				70 (66)	130 (98)	
	3+4-Methylphenols	1700	1300	ug/Kg	76				20 (58)	160 (111)	
	N-Nitroso-di-n-propylamine	1700	1300	ug/Kg	76				70 (63)	130 (95)	
	Hexachloroethane	1700	1400	ug/Kg	82				20 (72)	160 (108)	
	Nitrobenzene	1700	1400	ug/Kg	82				70 (75)	130 (100)	
	Isophorone	1700	1300	ug/Kg	76				70 (59)	130 (99)	
	2-Nitrophenol	1700	1500	ug/Kg	88				70 (75)	130 (113)	
	2,4-Dimethylphenol	1700	1400	ug/Kg	82				70 (61)	130 (130)	
	bis(2-Chloroethoxy)methane	1700	1300	ug/Kg	76				70 (66)	130 (97)	
	2,4-Dichlorophenol	1700	1500	ug/Kg	88				70 (62)	130 (107)	
	Naphthalene	1700	1300	ug/Kg	76				70 (62)	130 (100)	
	4-Chloroaniline	1700	840	ug/Kg	49		*		70 (16)	130 (100)	
	Hexachlorobutadiene	1700	1500	ug/Kg	88				70 (68)	130 (108)	
	Caprolactam	1700	1400	ug/Kg	82				20 (67)	160 (110)	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				70 (74)	130 (106)	
	2-Methylnaphthalene	1700	1200	ug/Kg	71				70 (60)	130 (104)	
	Hexachlorocyclopentadiene	3300	2300	ug/Kg	70				20 (45)	160 (165)	
	2,4,6-Trichlorophenol	1700	1500	ug/Kg	88				70 (59)	130 (102)	
	2,4,5-Trichlorophenol	1700	1500	ug/Kg	88				70 (74)	130 (110)	
	1,1-Biphenyl	1700	1500	ug/Kg	88				70 (71)	130 (110)	
	2-Chloronaphthalene	1700	1400	ug/Kg	82				70 (70)	130 (103)	
	2-Nitroaniline	1700	1400	ug/Kg	82				70 (66)	130 (101)	
	Dimethylphthalate	1700	1400	ug/Kg	82				70 (76)	130 (101)	
	Acenaphthylene	1700	1400	ug/Kg	82				70 (76)	130 (111)	
	2,6-Dinitrotoluene	1700	1600	ug/Kg	94				70 (78)	130 (116)	
	3-Nitroaniline	1700	1100	ug/Kg	65		*		70 (28)	130 (100)	
	Acenaphthene	1700	1300	ug/Kg	76				70 (73)	130 (105)	
	2,4-Dinitrophenol	3300	3500	ug/Kg	106				20 (59)	160 (137)	
	4-Nitrophenol	3300	2700	ug/Kg	82				20 (60)	160 (124)	
	Dibenzofuran	1700	1400	ug/Kg	82				70 (63)	130 (99)	
	2,4-Dinitrotoluene	1700	1500	ug/Kg	88				70 (78)	130 (115)	
	Diethylphthalate	1700	1500	ug/Kg	88				70 (76)	130 (104)	
	4-Chlorophenyl-phenylether	1700	1400	ug/Kg	82				70 (73)	130 (101)	
	Fluorene	1700	1400	ug/Kg	82				70 (75)	130 (99)	
	4-Nitroaniline	1700	1300	ug/Kg	76				70 (64)	130 (103)	
	4,6-Dinitro-2-methylphenol	1700	1600	ug/Kg	94				70 (76)	130 (113)	
	N-Nitrosodiphenylamine	1700	1400	ug/Kg	82				70 (71)	130 (99)	
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				70 (66)	130 (102)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3834 **Analytical Method:** 8270E

Client: Woodard & Curran **DataFile:** BP026292.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170902BS	Hexachlorobenzene	1700	1500	ug/Kg	88				70 (64)	130 (98)	
	Atrazine	1700	1500	ug/Kg	88				70 (71)	130 (122)	
	Pentachlorophenol	3300	3100	ug/Kg	94				20 (56)	160 (129)	
	Phenanthrene	1700	1400	ug/Kg	82				70 (75)	130 (100)	
	Anthracene	1700	1400	ug/Kg	82				70 (75)	130 (103)	
	Carbazole	1700	1400	ug/Kg	82				70 (76)	130 (103)	
	Di-n-butylphthalate	1700	1500	ug/Kg	88				70 (76)	130 (110)	
	Fluoranthene	1700	1400	ug/Kg	82				70 (73)	130 (105)	
	Pyrene	1700	1500	ug/Kg	88				70 (59)	130 (103)	
	Butylbenzylphthalate	1700	1500	ug/Kg	88				70 (75)	130 (120)	
	3,3-Dichlorobenzidine	1700	1200	ug/Kg	71				70 (31)	130 (94)	
	Benzo(a)anthracene	1700	1400	ug/Kg	82				70 (75)	130 (104)	
	Chrysene	1700	1400	ug/Kg	82				70 (75)	130 (103)	
	bis(2-Ethylhexyl)phthalate	1700	1400	ug/Kg	82				70 (77)	130 (113)	
	Di-n-octyl phthalate	1700	1500	ug/Kg	88				70 (76)	130 (110)	
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				70 (62)	130 (109)	
	Benzo(k)fluoranthene	1700	1600	ug/Kg	94				70 (75)	130 (108)	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				70 (79)	130 (109)	
	Indeno(1,2,3-cd)pyrene	1700	1600	ug/Kg	94				70 (63)	130 (101)	
	Dibenz(a,h)anthracene	1700	1600	ug/Kg	94				70 (61)	130 (112)	
	Benzo(g,h,i)perylene	1700	1600	ug/Kg	94				70 (70)	130 (108)	
	1,2,4,5-Tetrachlorobenzene	1700	1600	ug/Kg	94				70 (53)	130 (101)	
	1,4-Dioxane	1700	1200	ug/Kg	71				20 (50)	160 (96)	
	2,3,4,6-Tetrachlorophenol	1700	1600	ug/Kg	94				70 (71)	130 (118)	

( ) = LABORATORY INHOUSE LIMIT

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB170902BL

Lab Name: Alliance | Contract: WOOD06

Lab Code: ACE | SDG NO.: Q3834

Lab File ID: BP026291.D | Lab Sample ID: PB170902BL

Instrument ID: BNA_P | Date Extracted: 12/11/2025

Matrix: (soil/water) SOIL | Date Analyzed: 12/11/2025

Level: (low/med) LOW | Time Analyzed: 13:45

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170902BS	PB170902BS	BP026292.D	12/11/2025
B127(5.5-8)120925	Q3834-29	BP026301.D	12/11/2025
B127(8-10)120925	Q3834-30	BP026302.D	12/11/2025
PL-01-12102025MS	Q3831-01MS	BP026304.D	12/11/2025
PL-01-12102025MSD	Q3831-01MSD	BP026305.D	12/11/2025

COMMENTS:

Alliance TECHNICAL GROUP
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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance — Contract: WOOD06

Lab Code: ACE — SDG NO.: Q3834

Lab File ID: BP026142.D — DFTPP Injection Date: 11/18/2025

Instrument ID: BNA_P — DFTPP Injection Time: 13:45

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (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	0.1
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	3.6
441	Present, but less than mass 443	79.0
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	17.3 (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	BP026143.D	11/18/2025	14:31
SSTDICC005	SSTDICC005	BP026144.D	11/18/2025	15:12
SSTDICC010	SSTDICC010	BP026145.D	11/18/2025	15:54
SSTDICC020	SSTDICC020	BP026146.D	11/18/2025	16:35
SSTDICCC040	SSTDICCC040	BP026147.D	11/18/2025	17:57
SSTDICC050	SSTDICC050	BP026148.D	11/18/2025	18:38
SSTDICC060	SSTDICC060	BP026149.D	11/18/2025	20:00
SSTDICC080	SSTDICC080	BP026150.D	11/18/2025	21:22

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance — Contract: WOOD06

Lab Code: ACE — SDG NO.: Q3834

Lab File ID: BP026289.D — DFTPP Injection Date: 12/11/2025

Instrument ID: BNA_P — DFTPP Injection Time: 12:23

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.3) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.0 (0.0) 1
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
365	Greater than 1% of mass 198	4
441	Present, but less than mass 443	78.0
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	17.4 (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
SSTDCCC040	SSTDCCC040	BP026290.D	12/11/2025	13:04
PB170902BL	PB170902BL	BP026291.D	12/11/2025	13:45
PB170902BS	PB170902BS	BP026292.D	12/11/2025	14:26
B127(5.5-8)120925	Q3834-29	BP026301.D	12/11/2025	20:41
B127(8-10)120925	Q3834-30	BP026302.D	12/11/2025	21:22
PL-01-12102025MS	Q3831-01MS	BP026304.D	12/11/2025	22:44
PL-01-12102025MSD	Q3831-01MSD	BP026305.D	12/11/2025	23:26

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3834

Client ID : SSTDCCC040 Date Analyzed: 12/11/2025

Lab File ID: BP026290.D Time Analyzed: 13:04

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	211939	7.649	759289	10.41	458934	14.27
	UPPER LIMIT	423878	8.149	1518580	10.913	917868	14.772
	LOWER LIMIT	105970	7.149	379645	9.913	229467	13.772
	EPA SAMPLE NO.						
01	PB170902BL	207721	7.65	772961	10.41	481686	14.28
02	PB170902BS	232526	7.65	920282	10.41	594254	14.28
03	PL-01-12102025MS	293905	7.65	1126200	10.41	698745	14.28
04	PL-01-12102025MSD	308093	7.65	1181710	10.41	726915	14.28
05	B127(5.5-8)120925	211118	7.65	836754	10.41	544006	14.27
06	B127(8-10)120925	227895	7.65	853442	10.41	527469	14.27

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.: Q3834

Client ID: SSTDCCC040 Date Analyzed: 12/11/2025

Lab File ID: BP026290.D Time Analyzed: 13:04

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	916225	17.089	1078830	21.542	1314240	24.836
	UPPER LIMIT	1832450	17.589	2157660	22.042	2628480	25.336
	LOWER LIMIT	458113	16.589	539415	21.042	657120	24.336
	EPA SAMPLE NO.						
01	PB170902BL	1008040	17.09	1176010	21.54	1339090	24.84
02	PB170902BS	1205040	17.10	1295180	21.54	1383310	24.83
03	PL-01-12102025MS	1354730	17.09	1425670	21.54	1646330	24.84
04	PL-01-12102025MSD	1403670	17.09	1427010	21.52	1681950	24.82
05	B127(5.5-8)120925	1093120	17.08	1247450	21.53	1484630	24.82
06	B127(8-10)120925	1067730	17.07	1270030	21.51	1499820	24.82

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

Raw Data: **BP026301.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Woodard & Curran	Date Collected:	12/09/25
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	12/10/25
Client Sample ID:	B127(5.5-8)120925	SDG No.:	Q3834
Lab Sample ID:	Q3834-29	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	60.8
Sample Wt/Vol:	30.03 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 12/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	260	U	1	260	540	ug/Kg	12/11/25 20:41	PB170902
108-95-2	Phenol	36.3	U	1	36.3	280	ug/Kg	12/11/25 20:41	PB170902
111-44-4	bis(2-Chloroethyl)ether	39.9	U	1	39.9	280	ug/Kg	12/11/25 20:41	PB170902
95-57-8	2-Chlorophenol	40.1	U	1	40.1	280	ug/Kg	12/11/25 20:41	PB170902
95-48-7	2-Methylphenol	49.1	U	1	49.1	280	ug/Kg	12/11/25 20:41	PB170902
108-60-1	2,2-oxybis(1-Chloropropane)	61.6	U	1	61.6	280	ug/Kg	12/11/25 20:41	PB170902
98-86-2	Acetophenone	48.5	U	1	48.5	280	ug/Kg	12/11/25 20:41	PB170902
65794-96-9	3+4-Methylphenols	67.5	U	1	67.5	540	ug/Kg	12/11/25 20:41	PB170902
621-64-7	n-Nitroso-di-n-propylamine	77.9	U	1	77.9	130	ug/Kg	12/11/25 20:41	PB170902
67-72-1	Hexachloroethane	28.9	U	1	28.9	280	ug/Kg	12/11/25 20:41	PB170902
98-95-3	Nitrobenzene	30.1	U	1	30.1	280	ug/Kg	12/11/25 20:41	PB170902
78-59-1	Isophorone	53.9	U	1	53.9	280	ug/Kg	12/11/25 20:41	PB170902
88-75-5	2-Nitrophenol	95.6	U	1	95.6	280	ug/Kg	12/11/25 20:41	PB170902
105-67-9	2,4-Dimethylphenol	110	U	1	110	280	ug/Kg	12/11/25 20:41	PB170902
111-91-1	bis(2-Chloroethoxy)methane	50.6	U	1	50.6	280	ug/Kg	12/11/25 20:41	PB170902
120-83-2	2,4-Dichlorophenol	46.5	U	1	46.5	280	ug/Kg	12/11/25 20:41	PB170902
91-20-3	Naphthalene	37.3	U	1	37.3	280	ug/Kg	12/11/25 20:41	PB170902
106-47-8	4-Chloroaniline	58.2	UQ	1	58.2	280	ug/Kg	12/11/25 20:41	PB170902
87-68-3	Hexachlorobutadiene	41.6	U	1	41.6	280	ug/Kg	12/11/25 20:41	PB170902
105-60-2	Caprolactam	85.6	U	1	85.6	540	ug/Kg	12/11/25 20:41	PB170902
59-50-7	4-Chloro-3-methylphenol	47.2	U	1	47.2	280	ug/Kg	12/11/25 20:41	PB170902
91-57-6	2-Methylnaphthalene	42.1	U	1	42.1	280	ug/Kg	12/11/25 20:41	PB170902
77-47-4	Hexachlorocyclopentadiene	190	U	1	190	540	ug/Kg	12/11/25 20:41	PB170902
88-06-2	2,4,6-Trichlorophenol	32.5	U	1	32.5	280	ug/Kg	12/11/25 20:41	PB170902
95-95-4	2,4,5-Trichlorophenol	47.8	U	1	47.8	280	ug/Kg	12/11/25 20:41	PB170902
92-52-4	1,1-Biphenyl	35.8	U	1	35.8	280	ug/Kg	12/11/25 20:41	PB170902
91-58-7	2-Chloronaphthalene	37.0	U	1	37.0	280	ug/Kg	12/11/25 20:41	PB170902
88-74-4	2-Nitroaniline	79.0	U	1	79.0	280	ug/Kg	12/11/25 20:41	PB170902
131-11-3	Dimethylphthalate	44.5	U	1	44.5	280	ug/Kg	12/11/25 20:41	PB170902
208-96-8	Acenaphthylene	47.5	U	1	47.5	280	ug/Kg	12/11/25 20:41	PB170902
606-20-2	2,6-Dinitrotoluene	55.2	U	1	55.2	280	ug/Kg	12/11/25 20:41	PB170902
99-09-2	3-Nitroaniline	75.6	UQ	1	75.6	280	ug/Kg	12/11/25 20:41	PB170902
83-32-9	Acenaphthene	35.0	U	1	35.0	280	ug/Kg	12/11/25 20:41	PB170902
51-28-5	2,4-Dinitrophenol	380	U	1	380	540	ug/Kg	12/11/25 20:41	PB170902
100-02-7	4-Nitrophenol	180	U	1	180	540	ug/Kg	12/11/25 20:41	PB170902
132-64-9	Dibenzofuran	37.3	U	1	37.3	280	ug/Kg	12/11/25 20:41	PB170902
121-14-2	2,4-Dinitrotoluene	82.3	U	1	82.3	280	ug/Kg	12/11/25 20:41	PB170902
84-66-2	Diethylphthalate	46.5	U	1	46.5	280	ug/Kg	12/11/25 20:41	PB170902
7005-72-3	4-Chlorophenyl-phenylether	43.9	U	1	43.9	280	ug/Kg	12/11/25 20:41	PB170902
86-73-7	Fluorene	41.6	U	1	41.6	280	ug/Kg	12/11/25 20:41	PB170902
100-01-6	4-Nitroaniline	110	U	1	110	280	ug/Kg	12/11/25 20:41	PB170902
534-52-1	4,6-Dinitro-2-methylphenol	170	U	1	170	540	ug/Kg	12/11/25 20:41	PB170902

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Woodard & Curran	Date Collected:	12/09/25
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	12/10/25
Client Sample ID:	B127(5.5-8)120925	SDG No.:	Q3834
Lab Sample ID:	Q3834-29	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	60.8
Sample Wt/Vol:	30.03 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 12/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	54.1	U	1	54.1	280	ug/Kg	12/11/25 20:41	PB170902
101-55-3	4-Bromophenyl-phenylether	45.7	U	1	45.7	280	ug/Kg	12/11/25 20:41	PB170902
118-74-1	Hexachlorobenzene	41.6	U	1	41.6	280	ug/Kg	12/11/25 20:41	PB170902
1912-24-9	Atrazine	55.9	U	1	55.9	280	ug/Kg	12/11/25 20:41	PB170902
87-86-5	Pentachlorophenol	84.3	U	1	84.3	540	ug/Kg	12/11/25 20:41	PB170902
85-01-8	Phenanthrene	34.3	U	1	34.3	280	ug/Kg	12/11/25 20:41	PB170902
120-12-7	Anthracene	54.7	U	1	54.7	280	ug/Kg	12/11/25 20:41	PB170902
86-74-8	Carbazole	51.3	U	1	51.3	280	ug/Kg	12/11/25 20:41	PB170902
84-74-2	Di-n-butylphthalate	78.7	U	1	78.7	280	ug/Kg	12/11/25 20:41	PB170902
206-44-0	Fluoranthene	49.3	U	1	49.3	280	ug/Kg	12/11/25 20:41	PB170902
129-00-0	Pyrene	59.2	U	1	59.2	280	ug/Kg	12/11/25 20:41	PB170902
85-68-7	Butylbenzylphthalate	120	U	1	120	280	ug/Kg	12/11/25 20:41	PB170902
91-94-1	3,3-Dichlorobenzidine	60.3	U	1	60.3	540	ug/Kg	12/11/25 20:41	PB170902
56-55-3	Benzo(a)anthracene	37.8	U	1	37.8	280	ug/Kg	12/11/25 20:41	PB170902
218-01-9	Chrysene	32.7	U	1	32.7	280	ug/Kg	12/11/25 20:41	PB170902
117-81-7	Bis(2-ethylhexyl)phthalate	97.3	U	1	97.3	280	ug/Kg	12/11/25 20:41	PB170902
117-84-0	Di-n-octyl phthalate	140	U	1	140	540	ug/Kg	12/11/25 20:41	PB170902
205-99-2	Benzo(b)fluoranthene	31.2	U	1	31.2	280	ug/Kg	12/11/25 20:41	PB170902
207-08-9	Benzo(k)fluoranthene	36.8	U	1	36.8	280	ug/Kg	12/11/25 20:41	PB170902
50-32-8	Benzo(a)pyrene	48.5	U	1	48.5	280	ug/Kg	12/11/25 20:41	PB170902
193-39-5	Indeno(1,2,3-cd)pyrene	47.8	U	1	47.8	280	ug/Kg	12/11/25 20:41	PB170902
53-70-3	Dibenzo(a,h)anthracene	45.0	U	1	45.0	280	ug/Kg	12/11/25 20:41	PB170902
191-24-2	Benzo(g,h,i)perylene	42.2	U	1	42.2	280	ug/Kg	12/11/25 20:41	PB170902
95-94-3	1,2,4,5-Tetrachlorobenzene	42.1	U	1	42.1	280	ug/Kg	12/11/25 20:41	PB170902
123-91-1	1,4-Dioxane	74.3	U	1	74.3	280	ug/Kg	12/11/25 20:41	PB170902
58-90-2	2,3,4,6-Tetrachlorophenol	45.0	U	1	45.0	280	ug/Kg	12/11/25 20:41	PB170902
SURROGATES									
367-12-4	2-Fluorophenol	63.2			30 (10) - 130 (105)	42%	SPK: 150		
13127-88-3	Phenol-d6	58.3			30 (10) - 130 (103)	39%	SPK: 150		
4165-60-0	Nitrobenzene-d5	39.7			30 (10) - 130 (108)	40%	SPK: 100		
321-60-8	2-Fluorobiphenyl	36.4			30 (10) - 130 (108)	36%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	63.9			30 (10) - 130 (116)	43%	SPK: 150		
1718-51-0	Terphenyl-d14	35.6			30 (10) - 130 (109)	36%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	211000							
1146-65-2	Naphthalene-d8	837000							
15067-26-2	Acenaphthene-d10	544000							
1517-22-2	Phenanthrene-d10	1090000							
1719-03-5	Chrysene-d12	1250000							
1520-96-3	Perylene-d12	1480000							
TENTATIVE IDENTIFIED COMPOUNDS									
001678-93-9	Cyclohexane, butyl-	1000	J			7.94	ug/Kg		
002958-76-1	Naphthalene, decahydro-2-methyl-	860	J			9.35	ug/Kg		

Raw Data: **BP026301.D**

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Woodard & Curran	Date Collected:	12/09/25
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	12/10/25
Client Sample ID:	B127(5.5-8)120925	SDG No.:	Q3834
Lab Sample ID:	Q3834-29	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	60.8
Sample Wt/Vol:	30.03 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 12/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
004292-92-6	Cyclohexane, pentyl-	790	J			9.55	ug/Kg		
002958-75-0	1-Methyldecahydronaphthalene	1200	J			9.61	ug/Kg		
062108-26-3	Decane, 2,6,8-trimethyl-	1000	J			10.6	ug/Kg		
031295-56-4	Dodecane, 2,6,11-trimethyl-	1300	J			12.8	ug/Kg		
1000432-25-9	3-Ethyl-2,6,10-trimethylundecane	1400	J			13.8	ug/Kg		
000638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	1000	J			16.1	ug/Kg		
002221-95-6	(1S,4aS,4bS,7S,8aS,10aS)-7-Isoprop	1300	J			18.6	ug/Kg		
1000197-14-1	4b,8-Dimethyl-2-isopropylphenanthr	3700	J			18.8	ug/Kg		
032624-67-2	10,18-Bisnorabieta-8,11,13-triene	1300	J			18.9	ug/Kg		
006566-19-4	10,18-Bisnorabieta-5,7,9(10),11,13	4400	J			19.3	ug/Kg		
000483-65-8	Retene	1400	J			20.1	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_P\Data\BP121125\
Data File : BP026301.D
Acq On : 11 Dec 2025 20:41
Operator : RC/JU
Sample : Q3834-29
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B127(5.5-8)120925

Quant Time: Dec 11 23:42:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 05 14:52:44 2025
Response via : Initial Calibration

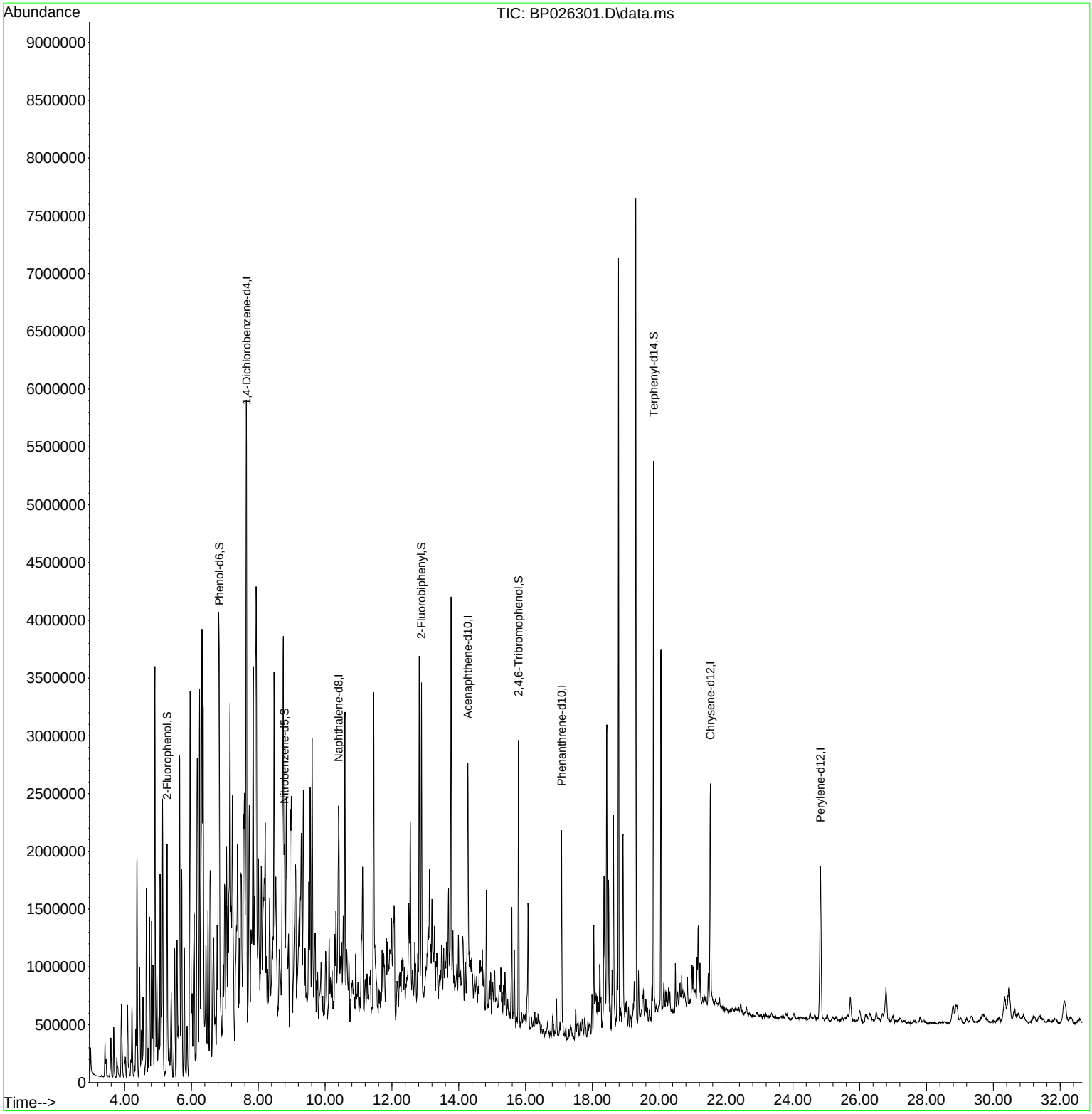
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.649	152	211118	20.000	ng	0.00
21) Naphthalene-d8	10.407	136	836754	20.000	ng	#-0.01
39) Acenaphthene-d10	14.272	164	544006	20.000	ng	-0.02
64) Phenanthrene-d10	17.078	188	1093121	20.000	ng	-0.02
76) Chrysene-d12	21.530	240	1247446	20.000	ng	0.00
86) Perylene-d12	24.824	264	1484631	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.272	112	830552	63.247	ng	0.00
7) Phenol-d6	6.831	99	965993	58.277	ng	0.00
23) Nitrobenzene-d5	8.784	82	583054	39.662	ng	0.00
42) 2,4,6-Tribromophenol	15.789	330	452404	63.947	ng	-0.02
45) 2-Fluorobiphenyl	12.884	172	1360490	36.360	ng	-0.02
79) Terphenyl-d14	19.830	244	2170533	35.564	ng	0.00
Target Compounds						Qvalue

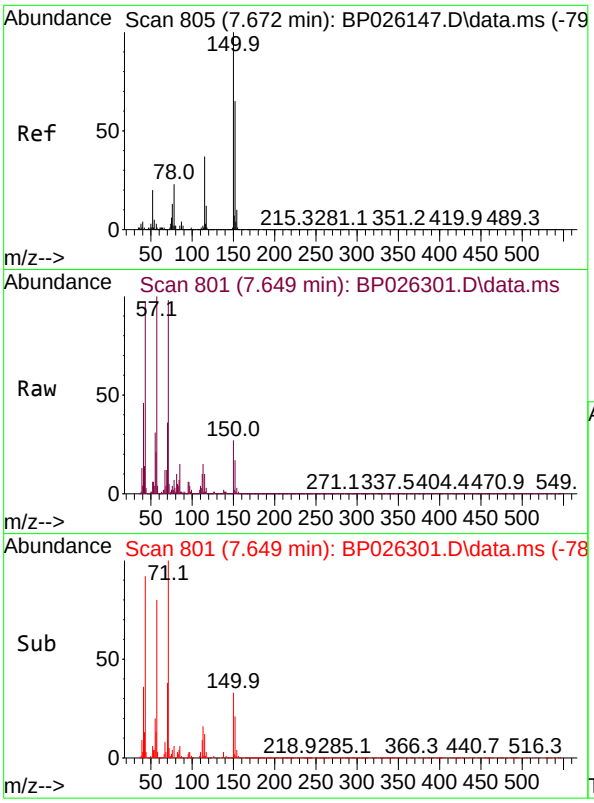
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026301.D
Acq On : 11 Dec 2025 20:41
Operator : RC/JU
Sample : Q3834-29
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B127(5.5-8)120925

Quant Time: Dec 11 23:42:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 05 14:52:44 2025
Response via : Initial Calibration



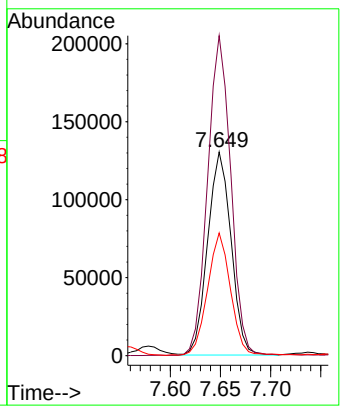


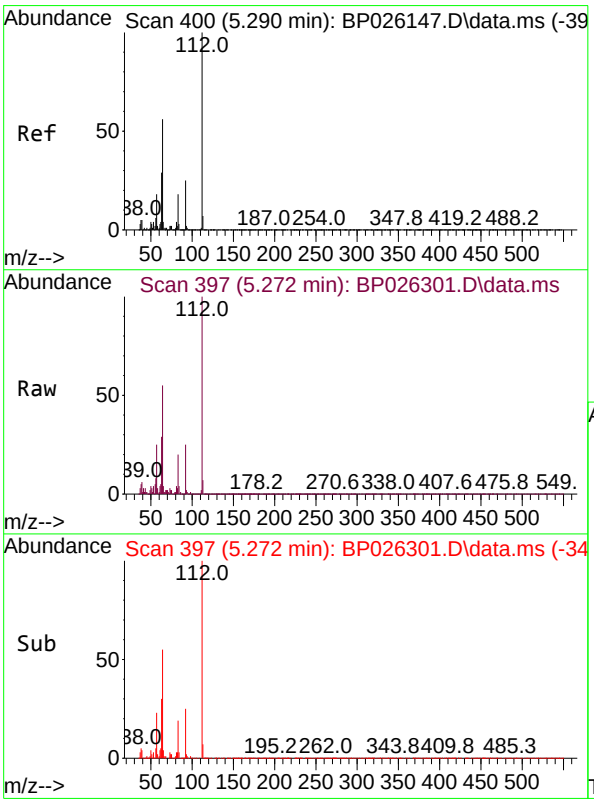
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.649 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP026301.D
Acq: 11 Dec 2025 20:41

Instrument :
BNA_P
ClientSampleId :
B127(5.5-8)120925

Tgt Ion:152 Resp: 211118

Ion	Ratio	Lower	Upper
152	100		
150	157.1	123.0	184.6
115	60.2	46.3	69.5

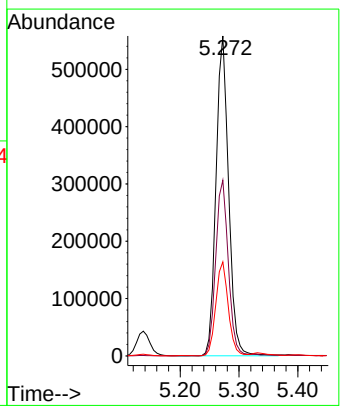


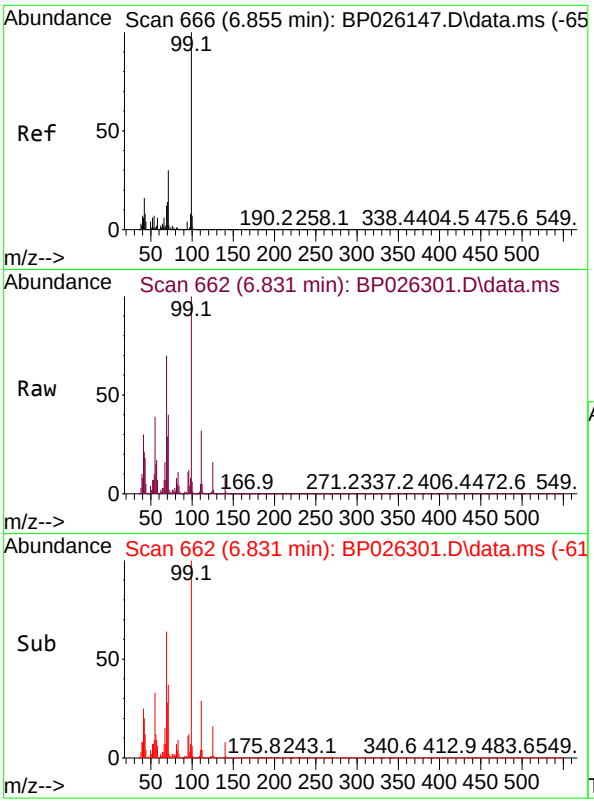


#5
2-Fluorophenol
Concen: 63.247 ng
RT: 5.272 min Scan# 397
Delta R.T. -0.006 min
Lab File: BP026301.D
Acq: 11 Dec 2025 20:41

Tgt Ion:112 Resp: 830552

Ion	Ratio	Lower	Upper
112	100		
64	54.9	45.8	68.6
63	29.4	23.5	35.3



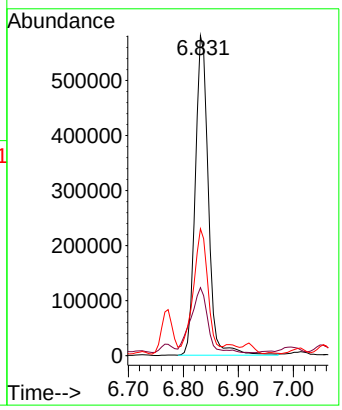


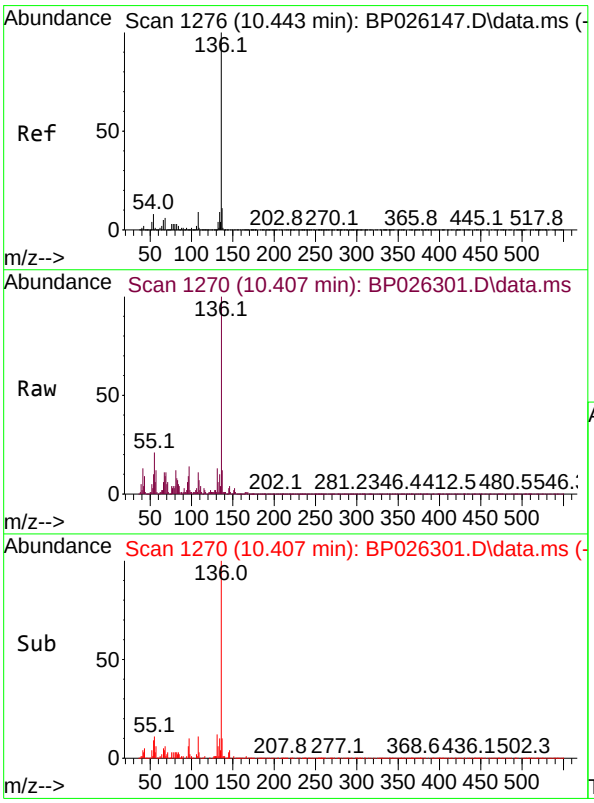
#7
Phenol-d6
Concen: 58.277 ng
RT: 6.831 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP026301.D
Acq: 11 Dec 2025 20:41

Instrument :
BNA_P
ClientSampleId :
B127(5.5-8)120925

Tgt Ion: 99 Resp: 965993

Ion	Ratio	Lower	Upper
99	100		
42	21.2	12.9	19.3#
71	39.7	24.8	37.2#

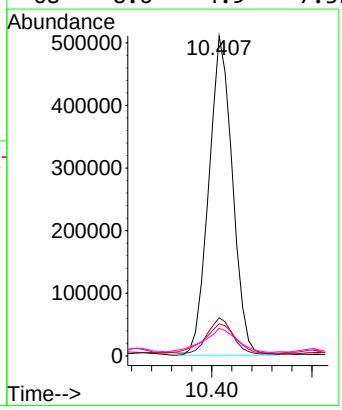


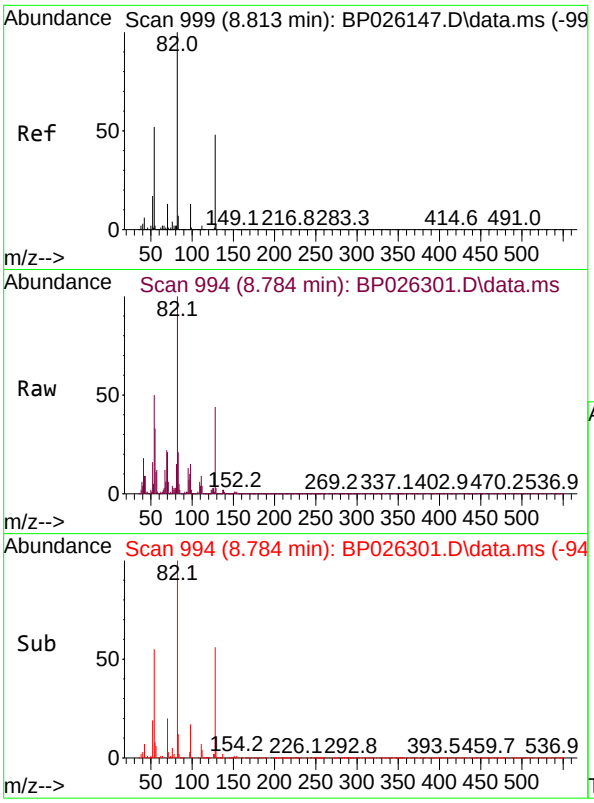


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.407 min Scan# 1270
Delta R.T. -0.012 min
Lab File: BP026301.D
Acq: 11 Dec 2025 20:41

Tgt Ion:136 Resp: 836754

Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.7	13.1
54	10.0	6.4	9.6#
68	8.6	4.9	7.3#



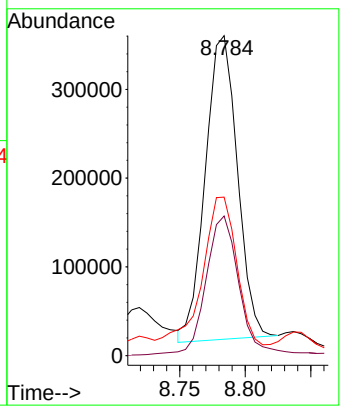


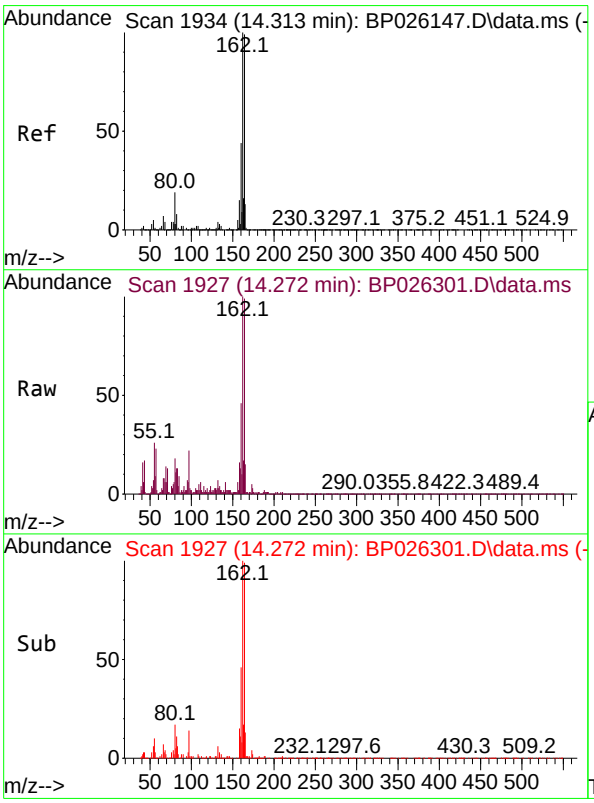
#23
Nitrobenzene-d5
Concen: 39.662 ng
RT: 8.784 min Scan# 99
Delta R.T. -0.006 min
Lab File: BP026301.D
Acq: 11 Dec 2025 20:41

Instrument :
BNA_P
ClientSampleId :
B127(5.5-8)120925

Tgt Ion: 82 Resp: 583054

Ion	Ratio	Lower	Upper
82	100		
128	43.6	37.4	56.0
54	49.5	41.6	62.4

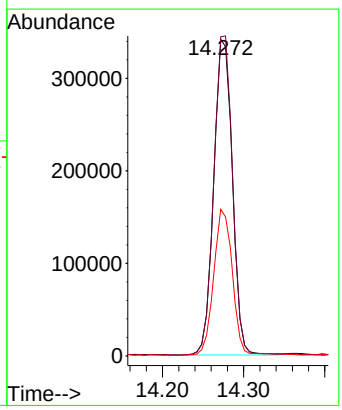


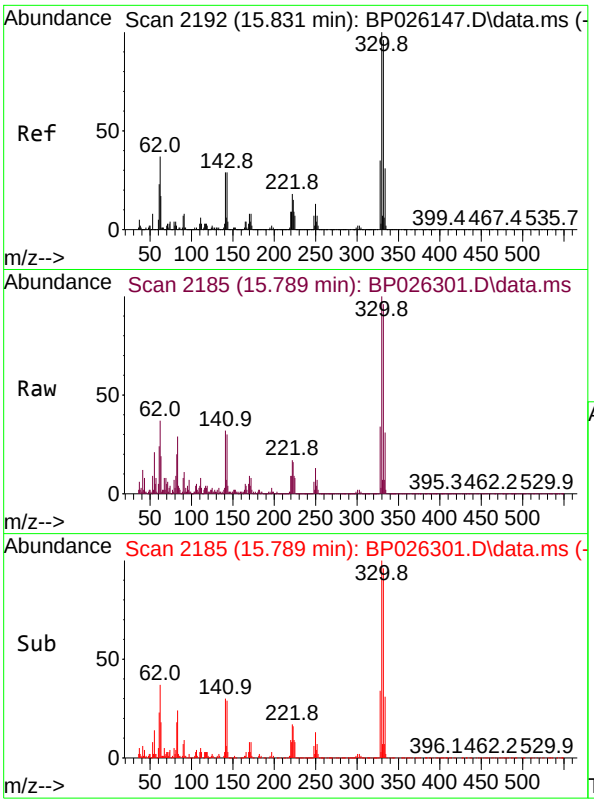


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.272 min Scan# 1927
Delta R.T. -0.018 min
Lab File: BP026301.D
Acq: 11 Dec 2025 20:41

Tgt Ion:164 Resp: 544006

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.3	120.5
160	46.2	35.2	52.8



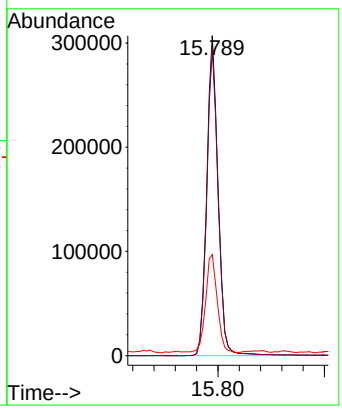


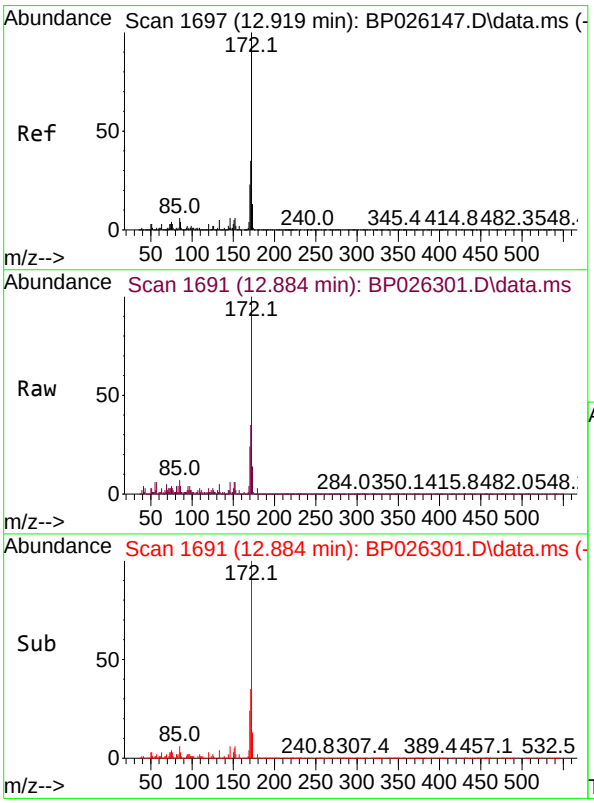
#42
2,4,6-Tribromophenol
Concen: 63.947 ng
RT: 15.789 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP026301.D
Acq: 11 Dec 2025 20:41

Instrument :
BNA_P
ClientSampleId :
B127(5.5-8)120925

Tgt Ion:330 Resp: 452404

Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.0	117.0
141	31.3	26.8	40.2

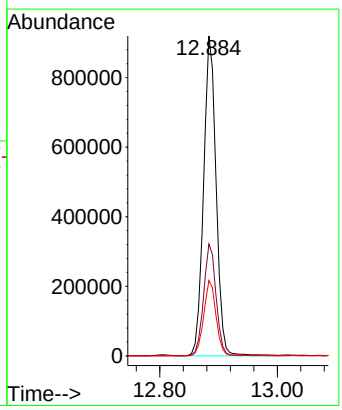


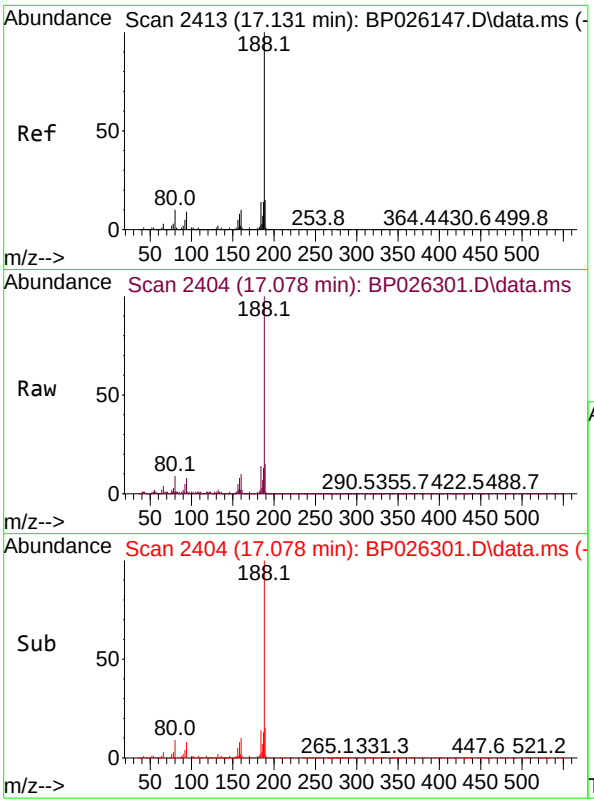


#45
2-Fluorobiphenyl
Concen: 36.360 ng
RT: 12.884 min Scan# 1691
Delta R.T. -0.018 min
Lab File: BP026301.D
Acq: 11 Dec 2025 20:41

Tgt Ion:172 Resp: 1360490

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.2	42.4
170	23.6	18.7	28.1



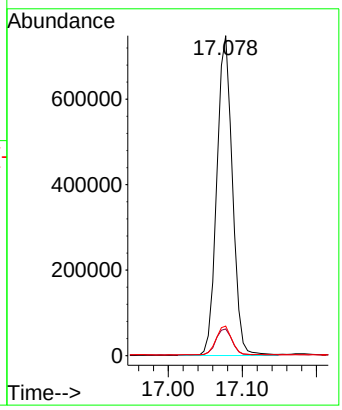


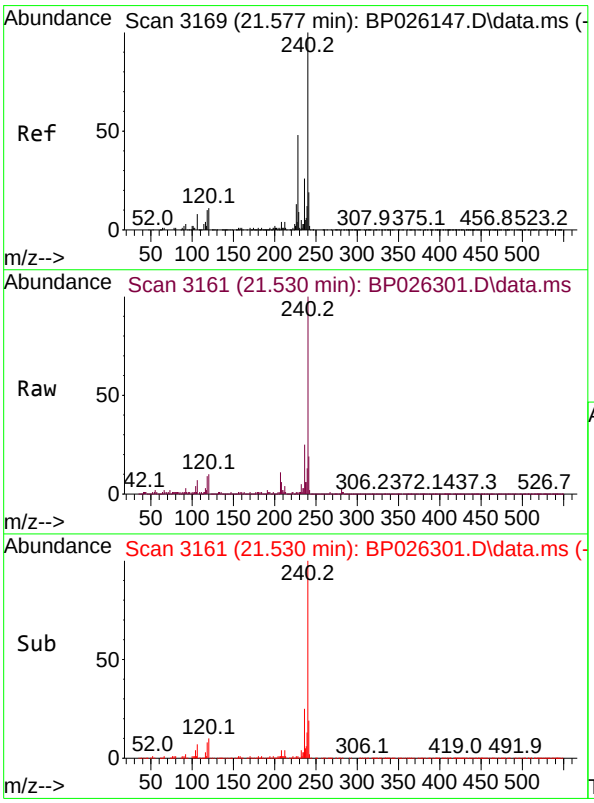
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.078 min Scan# 24
Delta R.T. -0.018 min
Lab File: BP026301.D
Acq: 11 Dec 2025 20:41

Instrument :
BNA_P
ClientSampleId :
B127(5.5-8)120925

Tgt Ion:188 Resp: 1093121

Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.8	11.6
80	9.2	8.2	12.2

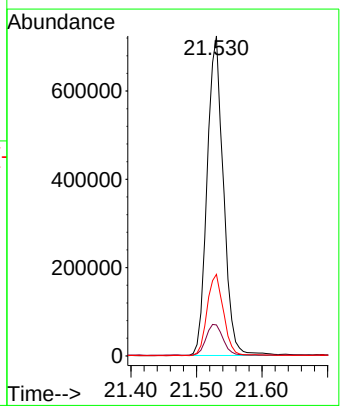


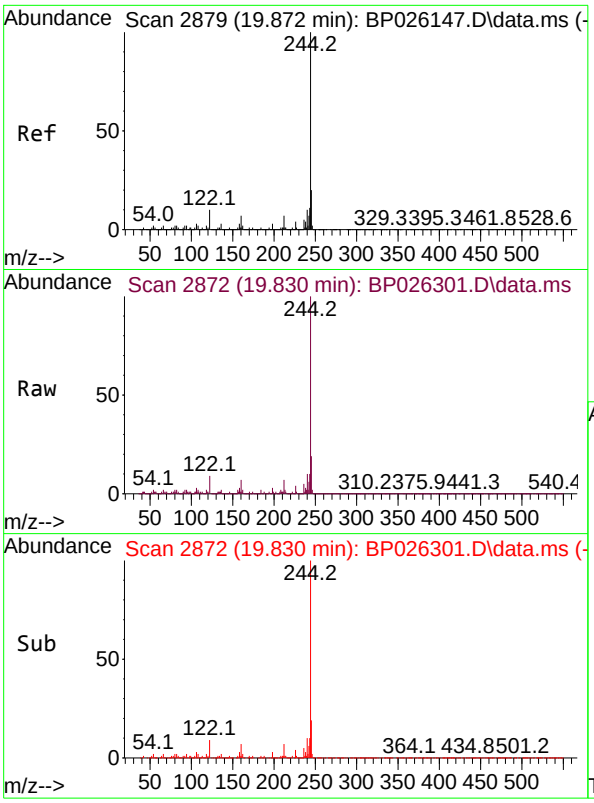


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.530 min Scan# 3161
Delta R.T. -0.006 min
Lab File: BP026301.D
Acq: 11 Dec 2025 20:41

Tgt Ion:240 Resp: 1247446

Ion	Ratio	Lower	Upper
240	100		
120	9.7	9.0	13.4
236	25.5	20.4	30.6



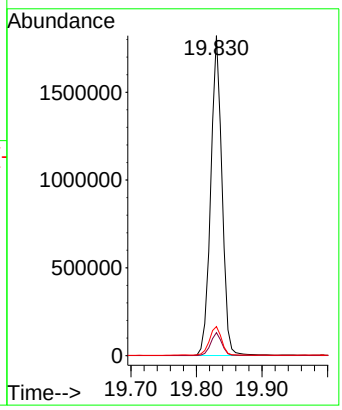


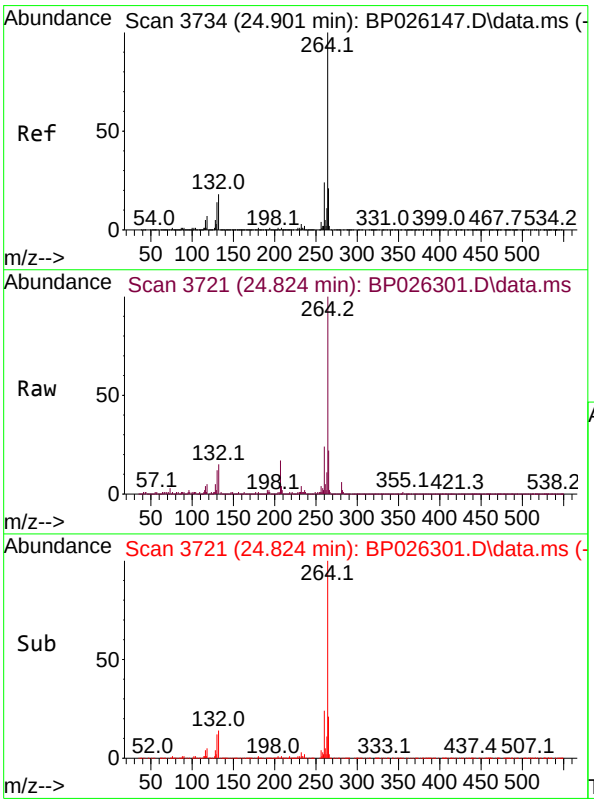
#79
Terphenyl-d14
Concen: 35.564 ng
RT: 19.830 min Scan# 28
Delta R.T. -0.006 min
Lab File: BP026301.D
Acq: 11 Dec 2025 20:41

Instrument :
BNA_P
ClientSampleId :
B127(5.5-8)120925

Tgt Ion:244 Resp: 2170533

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	9.1	8.2	12.2

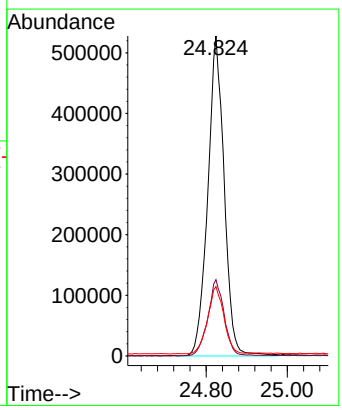




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.824 min Scan# 3721
Delta R.T. -0.000 min
Lab File: BP026301.D
Acq: 11 Dec 2025 20:41

Tgt Ion:264 Resp: 1484631

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.7	17.5	26.3



Sample Results: **BP026301.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026301.D
Acq On : 11 Dec 2025 20:41
Operator : RC/JU
Sample : Q3834-29
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B127(5.5-8)120925

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_P\Methods\8270E-BP111825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP026301.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.908	157	165	176	rBV3	632577	1390154	13.79%	0.440%
2	4.090	189	196	200	rVV3	621245	1124769	11.15%	0.356%
3	4.219	214	218	227	rVV2	615480	1104714	10.96%	0.350%
4	4.372	239	244	251	rVV	1868126	2916889	28.93%	0.923%
5	4.449	251	257	262	rVV2	953919	1584446	15.71%	0.501%
6	4.549	271	274	283	rVV2	689237	1171252	11.62%	0.371%
7	4.655	283	292	297	rVV	1632655	2507048	24.86%	0.793%
8	4.743	303	307	313	rVV	1384021	2232397	22.14%	0.706%
9	4.808	313	318	322	rVV3	1345497	2436051	24.16%	0.771%
10	4.849	322	325	330	rVV	968072	1430333	14.18%	0.453%
11	4.908	330	335	340	rVV	3550889	5808154	57.60%	1.838%
12	4.966	340	345	349	rVV	895534	1547725	15.35%	0.490%
13	5.061	357	361	365	rVV	1748653	2549170	25.28%	0.807%
14	5.137	370	374	383	rVB	2402398	3781307	37.50%	1.197%
15	5.272	389	397	404	rBV2	1990630	3545015	35.16%	1.122%
16	5.396	411	418	426	rVB3	731634	1603560	15.90%	0.507%
17	5.496	426	435	441	rBV2	1116130	2100078	20.83%	0.665%
18	5.566	441	447	452	rBV3	1164504	2208377	21.90%	0.699%
19	5.643	455	460	465	rVV2	2640256	4490004	44.53%	1.421%
20	5.708	465	471	479	rVB	1795422	3284762	32.57%	1.040%
21	5.784	479	484	493	rBV	1115679	1827472	18.12%	0.578%
22	5.960	506	514	521	rBV5	3326619	7739900	76.76%	2.449%
23	6.084	527	535	540	rVB2	1269785	2984500	29.60%	0.944%
24	6.178	544	551	557	rBV3	2605908	6337354	62.85%	2.006%
25	6.243	557	562	566	rBV	3055417	4372545	43.36%	1.384%
26	6.313	566	574	578	rVV4	3530363	8717727	86.45%	2.759%
27	6.349	578	580	588	rVV	2872310	4220911	41.86%	1.336%
28	6.431	590	594	600	rVB2	847051	1456960	14.45%	0.461%
29	6.496	600	605	611	rVB3	1219056	2028522	20.12%	0.642%
30	6.560	611	616	624	rVB3	1613393	4035929	40.02%	1.277%
31	6.660	624	633	639	rBV6	1033794	3067316	30.42%	0.971%
32	6.766	646	651	654	rBV2	1035957	1562293	15.49%	0.494%
33	6.813	654	659	675	rVB2	3665345	10070101	99.86%	3.187%
34	6.990	685	689	695	rVB3	1075632	2174345	21.56%	0.688%
35	7.049	695	699	703	rBV3	1406052	2122532	21.05%	0.672%
36	7.155	713	717	722	rVV	2133944	3591924	35.62%	1.137%

Sample Results: **BP026301.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026301.D
Acq On : 11 Dec 2025 20:41
Operator : RC/JU
Sample : Q3834-29
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B127(5.5-8)120925

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_P\Methods\8270E-BP111825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.225	725	729	740	rVB4	2124979	5114557	50.72%	1.619%
38	7.349	740	750	751	rBV4	1002526	2423692	24.04%	0.767%
39	7.384	752	756	761	rVB3	1414744	2478693	24.58%	0.784%
40	7.472	767	771	773	rBV3	1126206	1658299	16.45%	0.525%
41	7.560	781	786	787	rBV2	1497129	1982854	19.66%	0.628%
42	7.643	794	800	806	rVB2	5383955	10083720	100.00%	3.191%
43	7.731	806	815	820	rBV3	1884698	4069065	40.35%	1.288%
44	7.784	820	824	827	rVV3	652634	1239054	12.29%	0.392%
45	7.849	830	835	838	rVV2	2870861	4660404	46.22%	1.475%
46	7.884	838	841	843	rVV2	837036	1228650	12.18%	0.389%
47	7.937	843	850	858	rVV4	3469664	9497507	94.19%	3.006%
48	8.002	858	861	869	rVB2	1146395	2057983	20.41%	0.651%
49	8.090	872	876	881	rBV3	932162	1456393	14.44%	0.461%
50	8.160	881	888	889	rBV4	628621	1295271	12.85%	0.410%
51	8.207	893	896	900	rVB	1300979	1749526	17.35%	0.554%
52	8.343	913	919	924	rBV4	891289	1686625	16.73%	0.534%
53	8.472	937	941	945	rBV	2319868	3179008	31.53%	1.006%
54	8.631	963	968	977	rBV5	498837	1416574	14.05%	0.448%
55	8.749	978	988	992	rBV4	3079820	7938510	78.73%	2.512%
56	8.837	998	1003	1011	rVB4	1482398	2740755	27.18%	0.867%
57	8.902	1012	1014	1019	rVB3	805194	1107089	10.98%	0.350%
58	8.960	1019	1024	1027	rBV4	1886933	3918577	38.86%	1.240%
59	9.107	1036	1049	1056	rBV5	1281276	4774453	47.35%	1.511%
60	9.290	1076	1080	1085	rVV2	1145510	1974494	19.58%	0.625%
61	9.349	1085	1090	1096	rVV2	1693151	2923475	28.99%	0.925%
62	9.513	1113	1118	1121	rBV2	974060	1635211	16.22%	0.517%
63	9.554	1121	1125	1130	rVV	1780905	2714169	26.92%	0.859%
64	9.613	1130	1135	1143	rVB7	2247109	4137130	41.03%	1.309%
65	9.701	1143	1150	1155	rVB3	687465	1715820	17.02%	0.543%
66	9.878	1168	1180	1186	rBV9	462585	1431901	14.20%	0.453%
67	10.019	1199	1204	1213	rVB4	590994	1428830	14.17%	0.452%
68	10.325	1253	1256	1260	rVV	753405	1084989	10.76%	0.343%
69	10.407	1262	1270	1276	rVV3	1491322	3740293	37.09%	1.184%
70	10.596	1297	1302	1307	rVV	2398514	3568580	35.39%	1.129%
71	11.096	1380	1387	1388	rBV4	618238	1142931	11.33%	0.362%
72	11.119	1388	1391	1397	rVB	1239381	2072838	20.56%	0.656%
73	11.454	1442	1448	1453	rBV	2741992	5266259	52.23%	1.667%
74	12.507	1622	1627	1630	rBV2	617029	1112090	11.03%	0.352%
75	12.548	1630	1634	1641	rVB	1461802	2495998	24.75%	0.790%
76	12.819	1675	1680	1685	rVV	2934744	4356372	43.20%	1.379%

Sample Results: **BP026301.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026301.D
Acq On : 11 Dec 2025 20:41
Operator : RC/JU
Sample : Q3834-29
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B127(5.5-8)120925

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_P\Methods\8270E-BP111825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.884	1685	1691	1698	rVB	2692701	4222646	41.88%	1.336%
78	13.695	1824	1829	1832	rBV2	769338	1176112	11.66%	0.372%
79	13.772	1836	1842	1846	rVB3	3224240	4816044	47.76%	1.524%
80	14.119	1897	1901	1908	rVB4	556199	1366779	13.55%	0.433%
81	14.272	1921	1927	1935	rVV2	1855444	3771162	37.40%	1.193%
82	14.831	2017	2022	2028	rBV2	1040800	1668977	16.55%	0.528%
83	15.589	2144	2151	2155	rVV	969551	1699468	16.85%	0.538%
84	15.660	2159	2163	2171	rVB	673506	1122027	11.13%	0.355%
85	15.789	2179	2185	2193	rVB	2482816	3721756	36.91%	1.178%
86	16.072	2224	2233	2242	rVB	1095804	2336813	23.17%	0.740%
87	17.078	2399	2404	2409	rBV	1731663	2494969	24.74%	0.790%
88	18.042	2564	2568	2572	rBV2	895787	1348057	13.37%	0.427%
89	18.348	2615	2620	2629	rBV	1191356	2392549	23.73%	0.757%
90	18.430	2629	2634	2640	rVV2	2491992	4258071	42.23%	1.348%
91	18.483	2640	2643	2649	rVB	1144294	1537302	15.25%	0.487%
92	18.630	2663	2668	2678	rVB	1822015	3037375	30.12%	0.961%
93	18.783	2689	2694	2699	rVB	6601233	8333161	82.64%	2.637%
94	18.919	2710	2717	2725	rBV	1615223	2996616	29.72%	0.948%
95	19.295	2776	2781	2787	rVB	7110923	9983463	99.01%	3.159%
96	19.830	2867	2872	2877	rVV	4693977	5683839	56.37%	1.799%
97	20.054	2905	2910	2915	rVB	3123584	4316670	42.81%	1.366%
98	21.166	3095	3099	3104	rVV	636123	1115903	11.07%	0.353%
99	21.530	3155	3161	3172	rVB	1870191	3308033	32.81%	1.047%
100	24.824	3713	3721	3733	rVB	1316338	3597408	35.68%	1.138%

Sum of corrected areas: 315990375

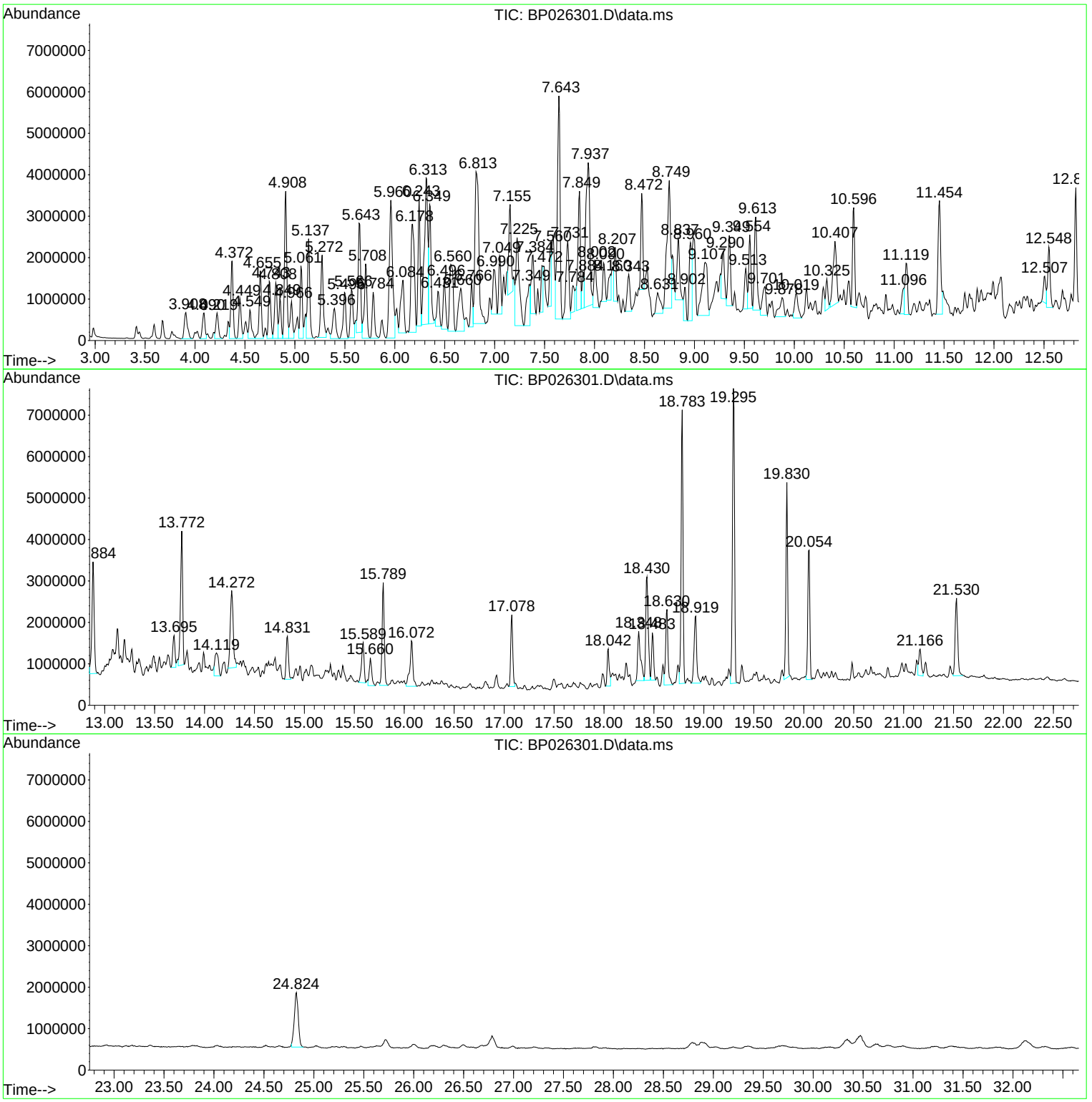
Sample Results: **BP026301.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026301.D
Acq On : 11 Dec 2025 20:41
Operator : RC/JU
Sample : Q3834-29
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B127(5.5-8)120925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.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_P\Data\BP121125\
Data File : BP026301.D
Acq On : 11 Dec 2025 20:41
Operator : RC/JU
Sample : Q3834-29
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B127(5.5-8)120925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

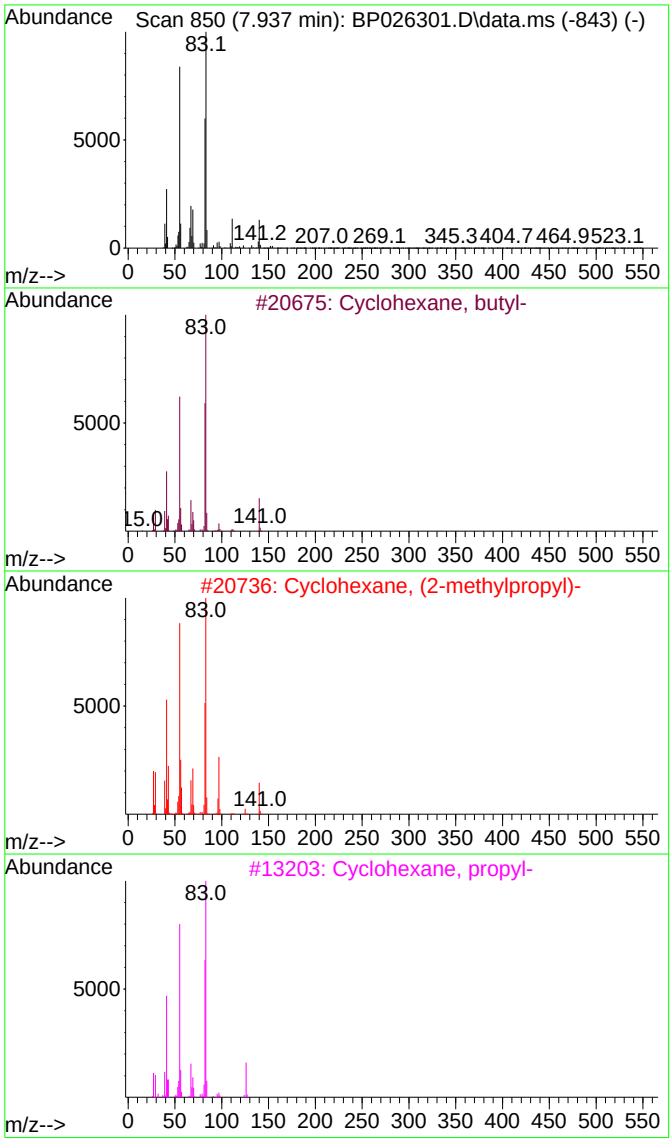
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TIC Integration Parameters: LSCINT.P

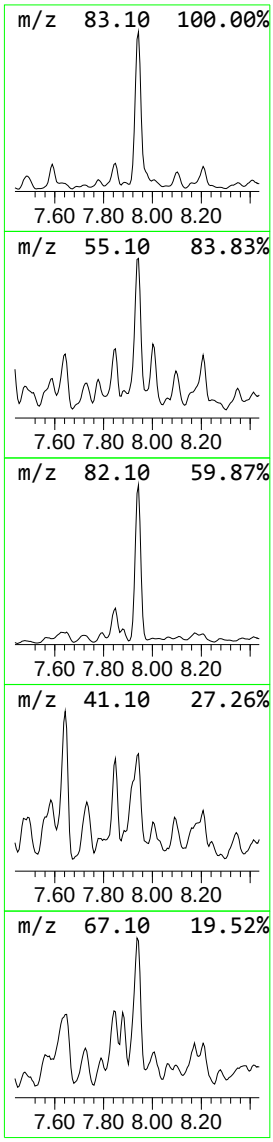
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Peak Number 3 Cyclohexane, butyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.937	18.84 ng	9497510	1,4-Dichlorobenzene-d4	7.649

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	90
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	72
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	72
5	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026301.D
Acq On : 11 Dec 2025 20:41
Operator : RC/JU
Sample : Q3834-29
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B127(5.5-8)120925

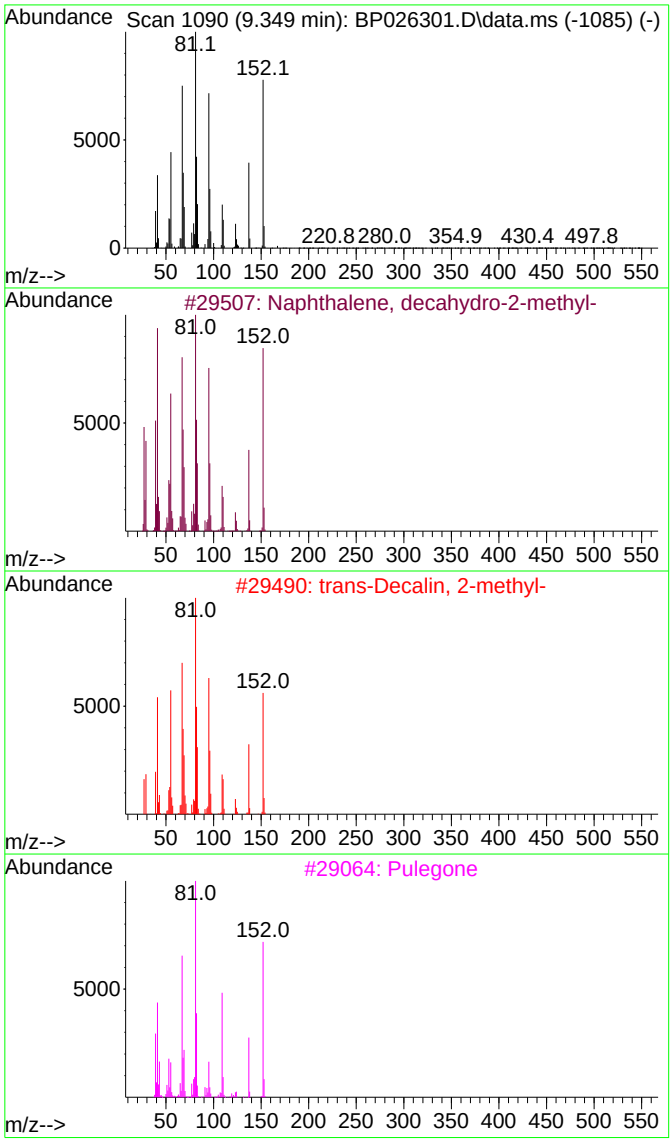
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

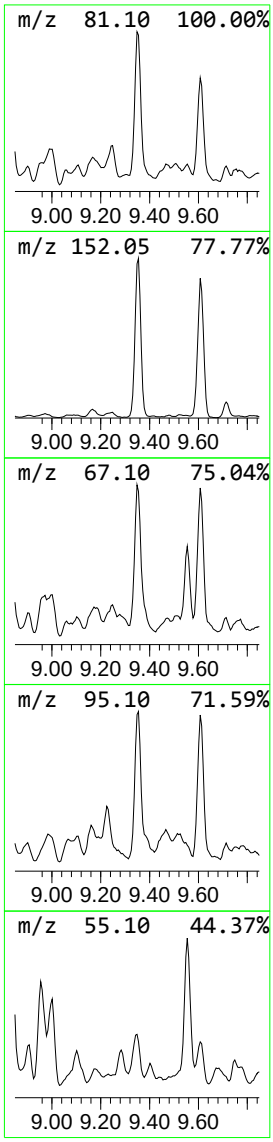
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, decahydro-2-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.349	15.63 ng	2923480	Naphthalene-d8	10.407

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	93
2	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	91
3	Pulegone	152	C10H16O	000089-82-7	81
4	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	76
5	Cyclohexene, 1-pentyl-	152	C11H20	015232-85-6	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026301.D
Acq On : 11 Dec 2025 20:41
Operator : RC/JU
Sample : Q3834-29
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B127(5.5-8)120925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

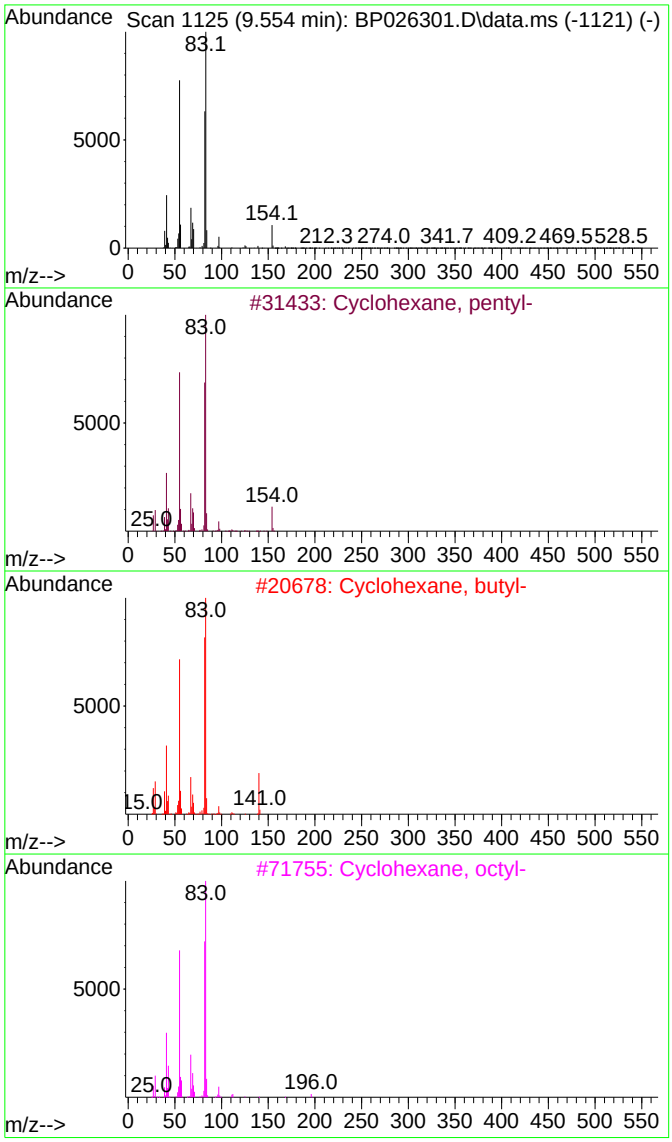
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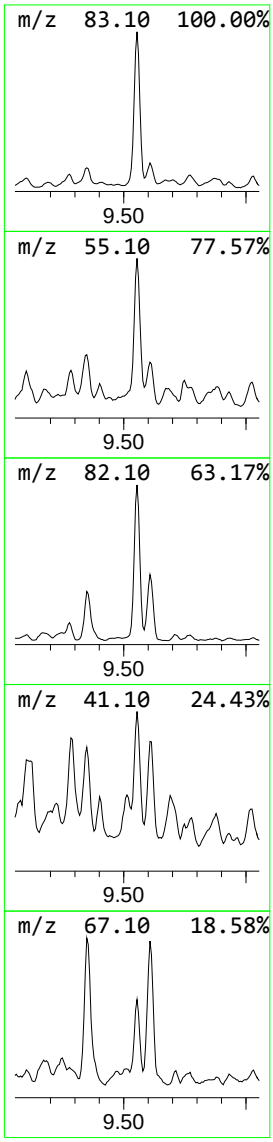
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Peak Number 6 Cyclohexane, pentyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.554	14.51 ng	2714170	Naphthalene-d8	10.407

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	94
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	86
3	Cyclohexane, octyl-	196	C14H28	001795-15-9	80
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	78
5	Cyclohexane, hexyl-	168	C12H24	004292-75-5	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026301.D
Acq On : 11 Dec 2025 20:41
Operator : RC/JU
Sample : Q3834-29
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B127(5.5-8)120925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

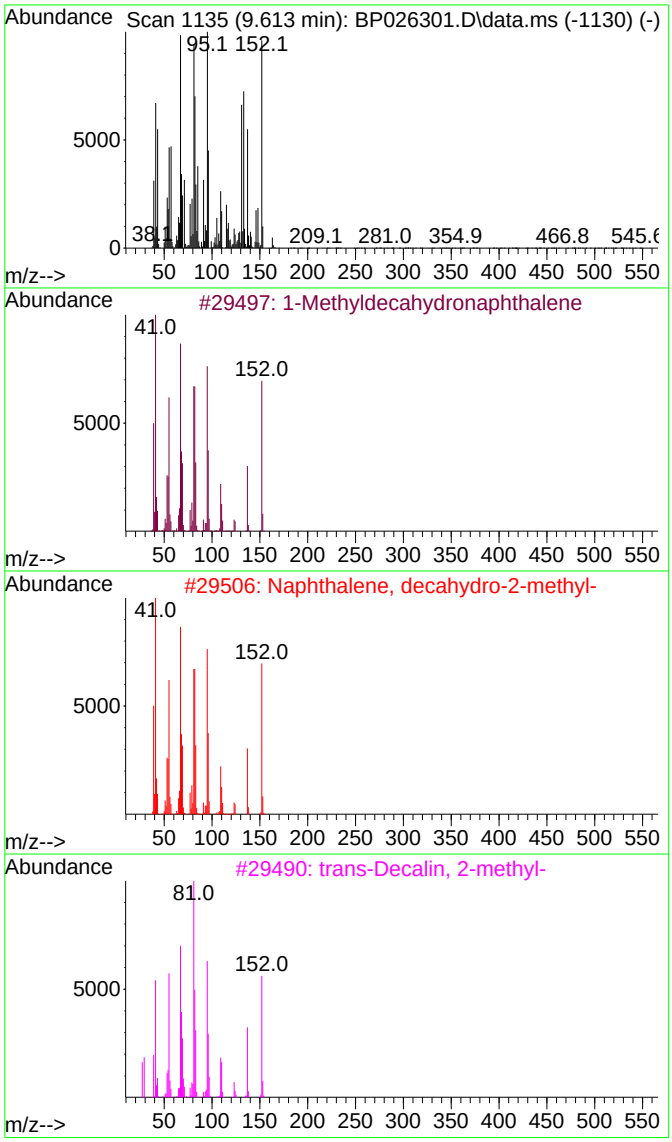
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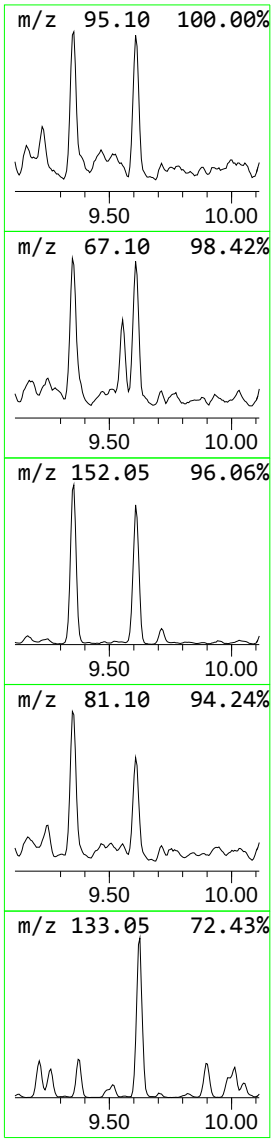
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Peak Number 7 1-Methyldecahydronaphthalene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.613	22.12 ng	4137130	Naphthalene-d8	10.407

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	95
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	95
3	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	83
4	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	68
5	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026301.D
Acq On : 11 Dec 2025 20:41
Operator : RC/JU
Sample : Q3834-29
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B127(5.5-8)120925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

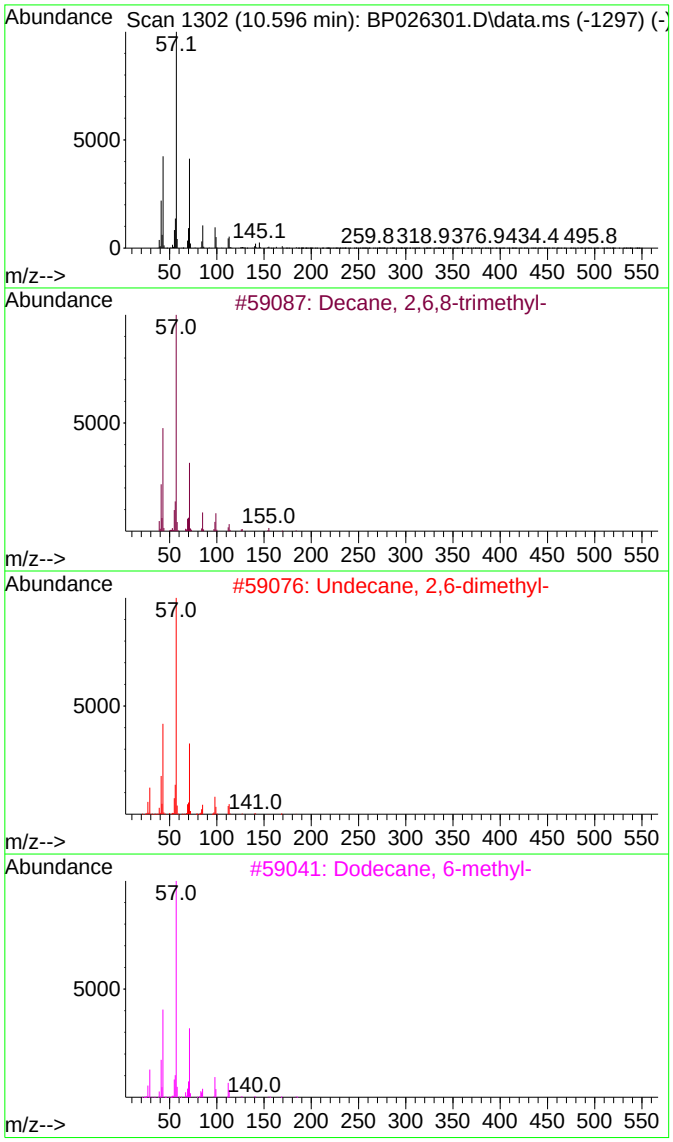
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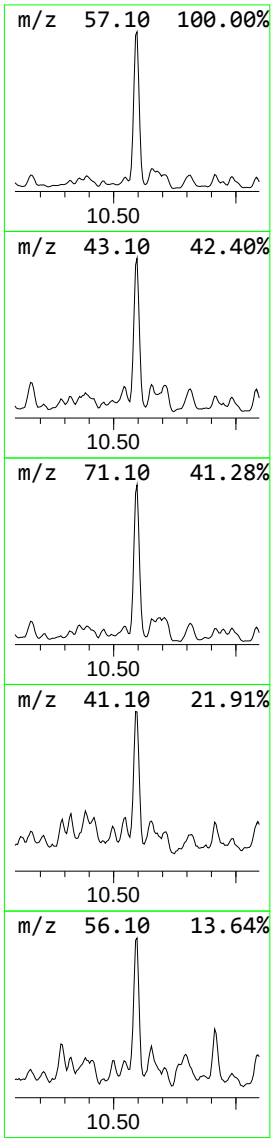
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Peak Number 8 Decane, 2,6,8-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.595	19.08 ng	3568580	Naphthalene-d8	10.407

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	91
2	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	91
3	Dodecane, 6-methyl-	184	C13H28	006044-71-9	76
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	64
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026301.D
Acq On : 11 Dec 2025 20:41
Operator : RC/JU
Sample : Q3834-29
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B127(5.5-8)120925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

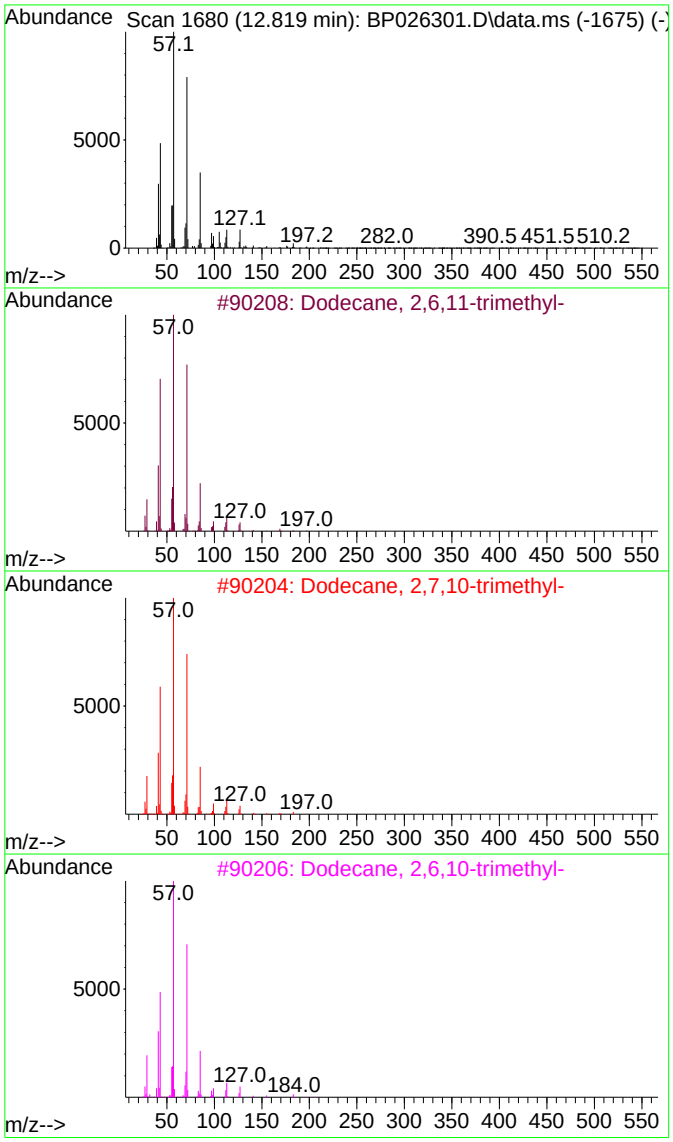
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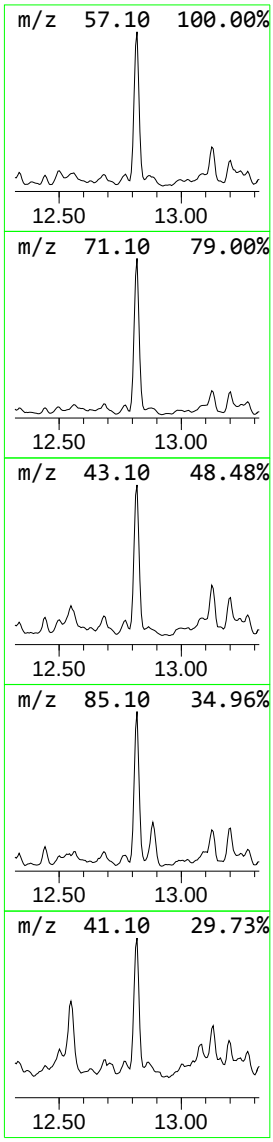
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Peak Number 11 Dodecane, 2,6,11-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.819	23.10 ng	4356370	Acenaphthene-d10	14.272

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026301.D
Acq On : 11 Dec 2025 20:41
Operator : RC/JU
Sample : Q3834-29
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B127(5.5-8)120925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

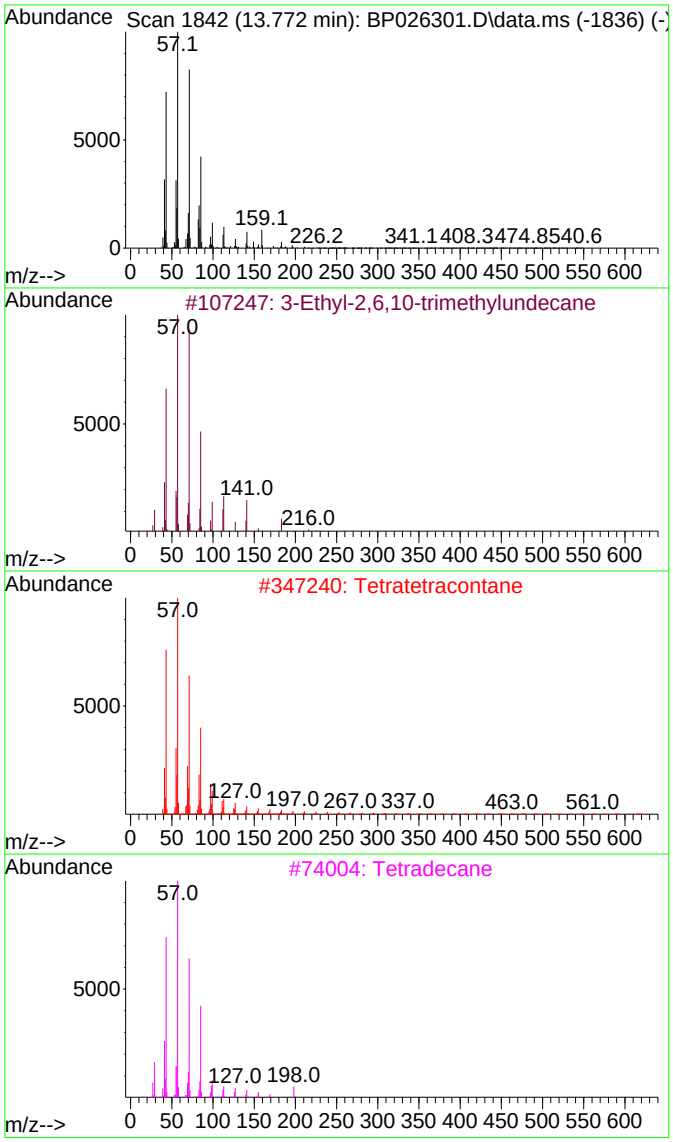
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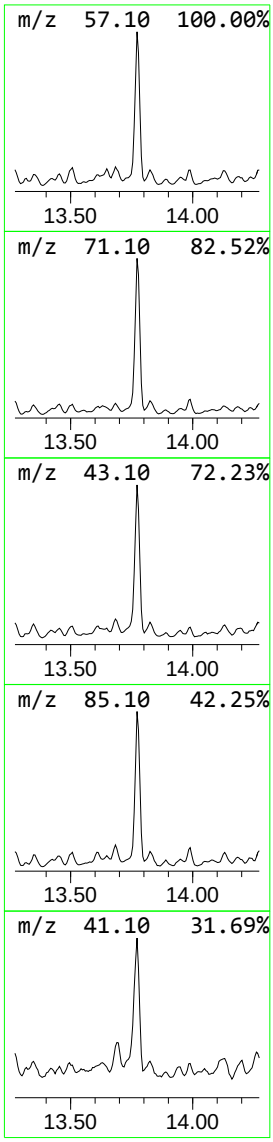
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Peak Number 12 3-Ethyl-2,6,10-trimethylund... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.772	25.54 ng	4816040	Acenaphthene-d10	14.272

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	93
2	Tetratetracontane	619	C44H90	007098-22-8	90
3	Tetradecane	198	C14H30	000629-59-4	80
4	Pentadecane	212	C15H32	000629-62-9	80
5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026301.D
Acq On : 11 Dec 2025 20:41
Operator : RC/JU
Sample : Q3834-29
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B127(5.5-8)120925

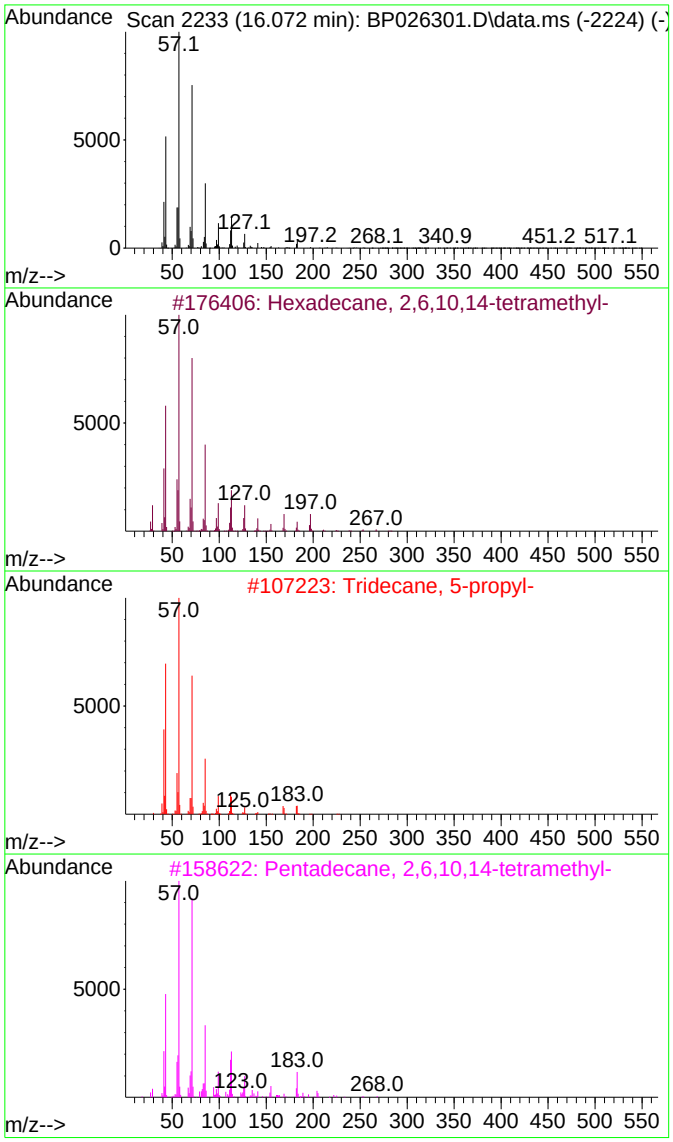
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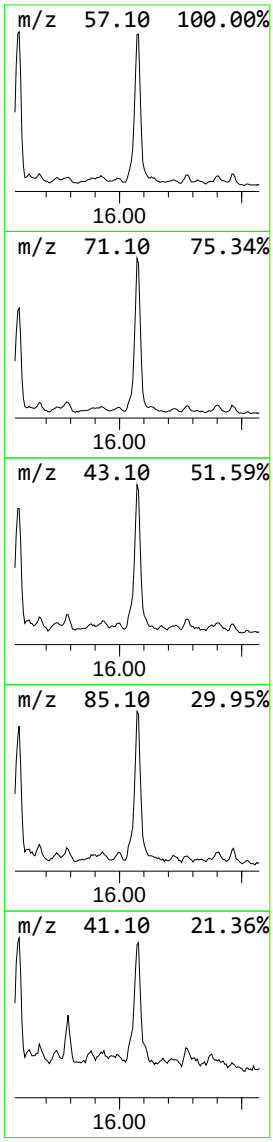
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Hexadecane, 2,6,10,14-tetra... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.072	18.73 ng	2336810	Phenanthrene-d10	17.078

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	83
4	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	80
5	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026301.D
Acq On : 11 Dec 2025 20:41
Operator : RC/JU
Sample : Q3834-29
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B127(5.5-8)120925

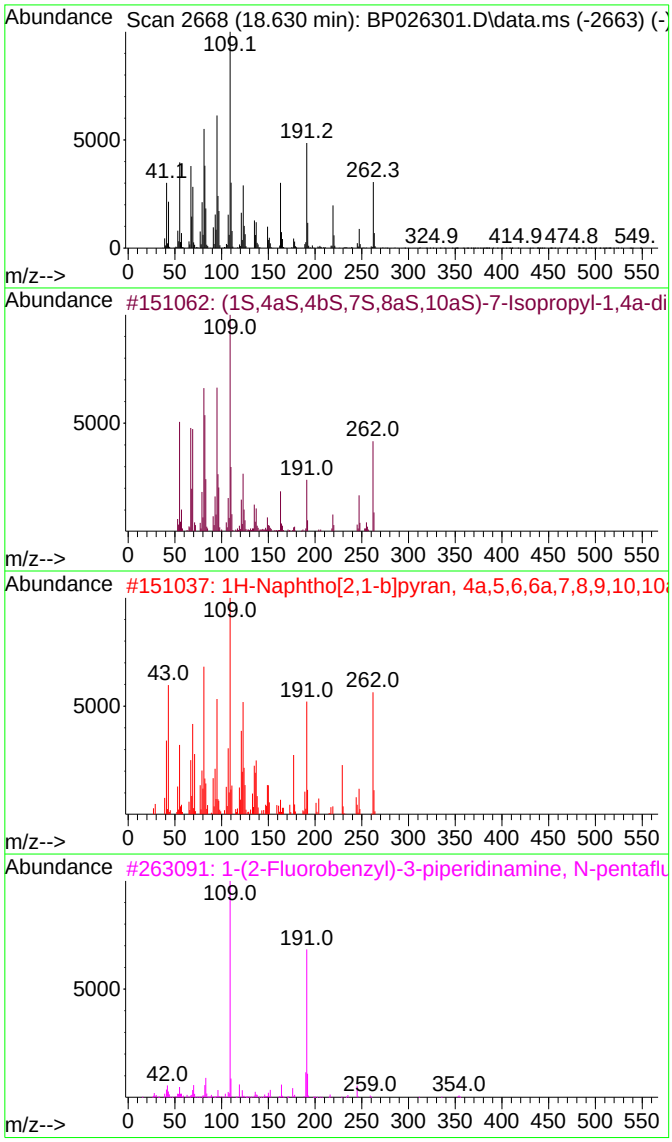
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

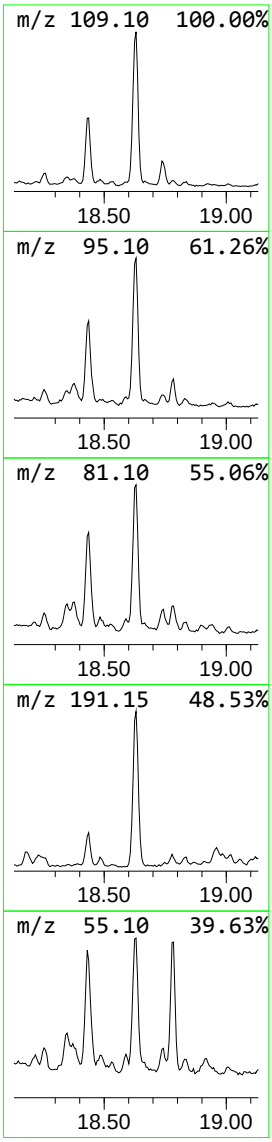
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (1S,4aS,4bS,7S,8aS,10aS)-7-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.630	24.35 ng	3037380	Phenanthrene-d10	17.078

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1S,4aS,4bS,7S,8aS,10aS)-7-Isopr...	262	C19H34	002221-95-6	91
2	1H-Naphtho[2,1-b]pyran, 4a,5,6,6...	262	C18H30O	005153-92-4	46
3	1-(2-Fluorobenzyl)-3-piperidinam...	354	C15H16F6N2O	1000469-10-9	35
4	1-(1-Butyny)cyclopentanol	138	C9H14O	1000342-86-5	27
5	(2,4-Dimethylcyclohexyl)methyl a...	184	C11H20O2	1000497-97-0	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026301.D
Acq On : 11 Dec 2025 20:41
Operator : RC/JU
Sample : Q3834-29
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B127(5.5-8)120925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

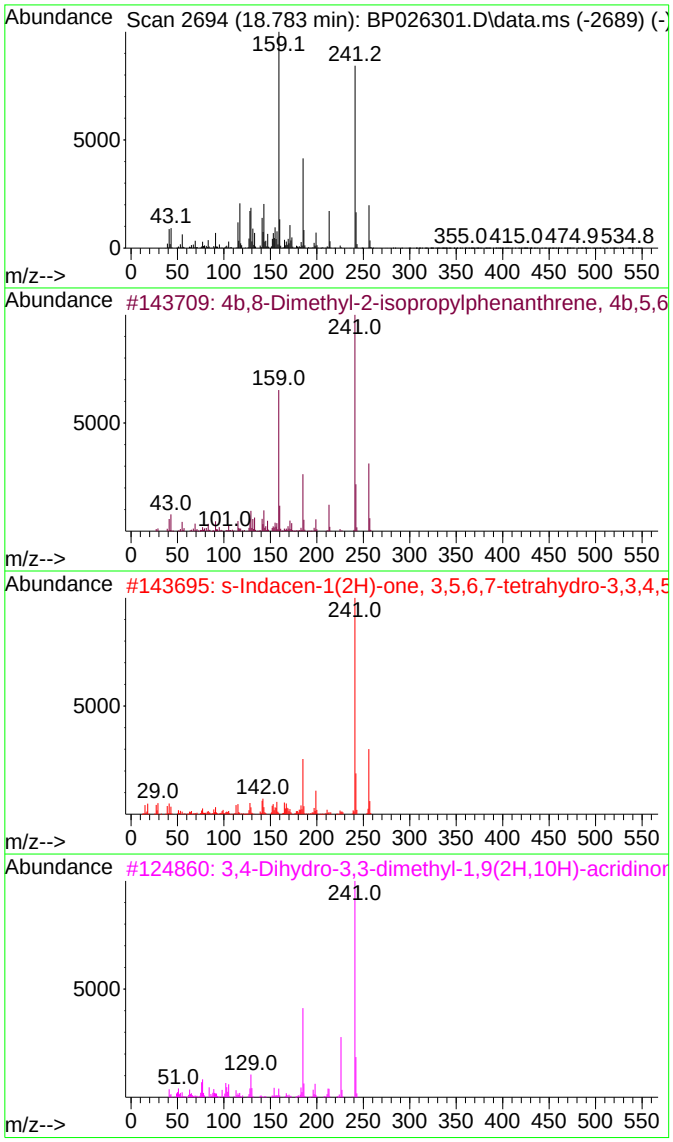
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

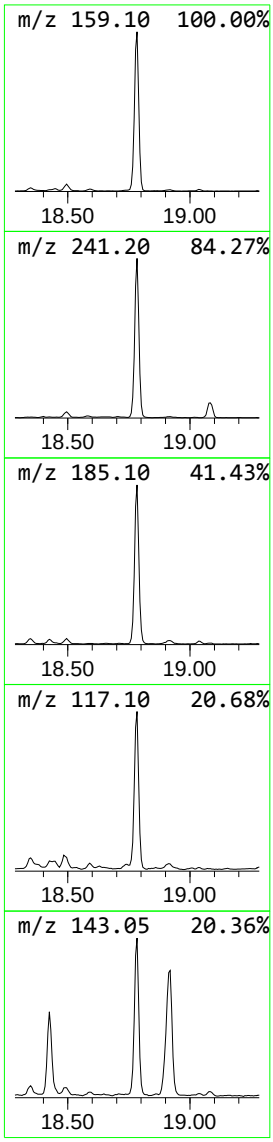
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Peak Number 17 4b,8-Dimethyl-2-isopropylph... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.783	66.80 ng	8333160	Phenanthrene-d10	17.078

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	97
2	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	45
3	3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15NO2	1010212-95-2	35
4	As-Indacene, 1,2,3,6,7,8-hexahyd...	256	C19H28	017465-47-3	35
5	Isoxazole, 5-methyl-4-phenyl-	159	C10H9NO	023253-49-8	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026301.D
Acq On : 11 Dec 2025 20:41
Operator : RC/JU
Sample : Q3834-29
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B127(5.5-8)120925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

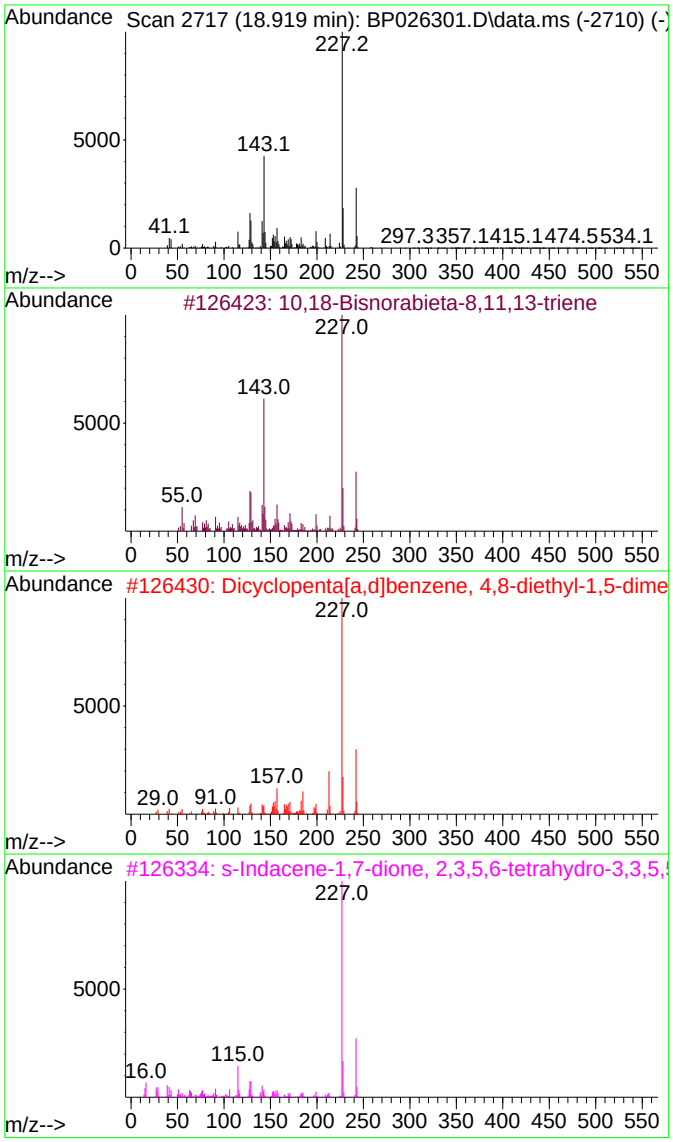
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TIC Integration Parameters: LSCINT.P

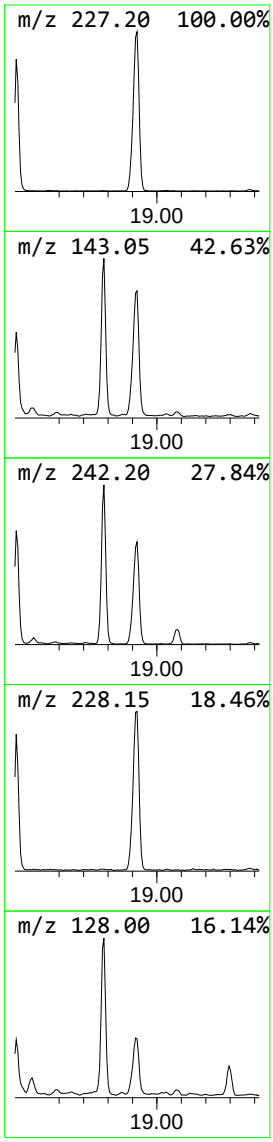
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Peak Number 18 10,18-Bisnorabieta-8,11,13-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.919	24.02 ng	2996620	Phenanthrene-d10	17.078

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-8,11,13-triene	242	C18H26	032624-67-2	94
2	Dicyclopenta[a,d]benzene, 4,8-di...	242	C18H26	1000156-41-6	78
3	s-Indacene-1,7-dione, 2,3,5,6-te...	242	C16H18O2	055591-17-8	62
4	Lapachol	242	C15H14O3	000084-79-7	49
5	5-Methoxy-2-methyl-4-oxo-1,2,3,4...	242	C14H14N2O2	1000227-06-0	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026301.D
Acq On : 11 Dec 2025 20:41
Operator : RC/JU
Sample : Q3834-29
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B127(5.5-8)120925

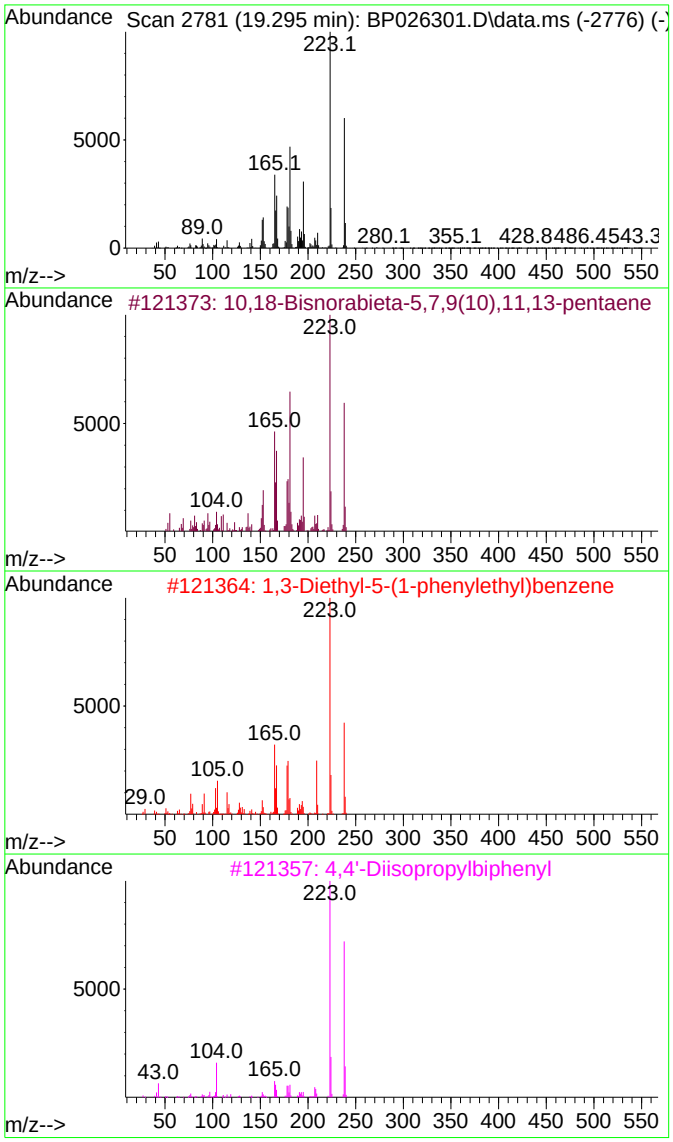
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

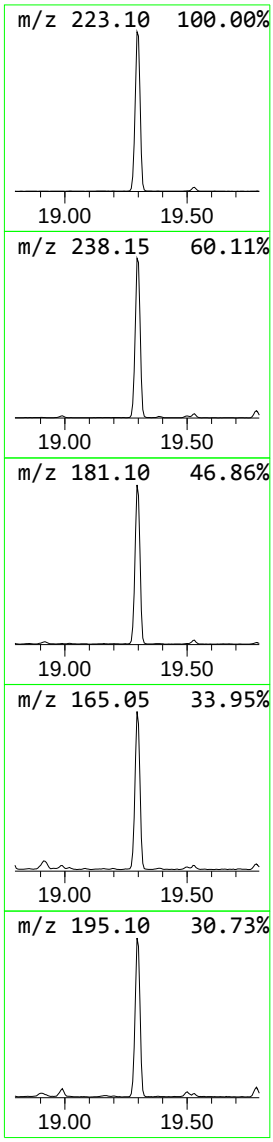
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.295	80.03 ng	9983460	Phenanthrene-d10	17.078

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	1,3-Diethyl-5-(1-phenylethyl)ben...	238	C18H22	1000482-32-6	70
3	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	60
4	Anthracene, 1,4-dimethoxy-	238	C16H14O2	013076-29-4	60
5	N-(4-Ethylphenyl)-1,3-benzoxazol...	238	C15H14N2O	770710-42-4	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026301.D
Acq On : 11 Dec 2025 20:41
Operator : RC/JU
Sample : Q3834-29
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B127(5.5-8)120925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

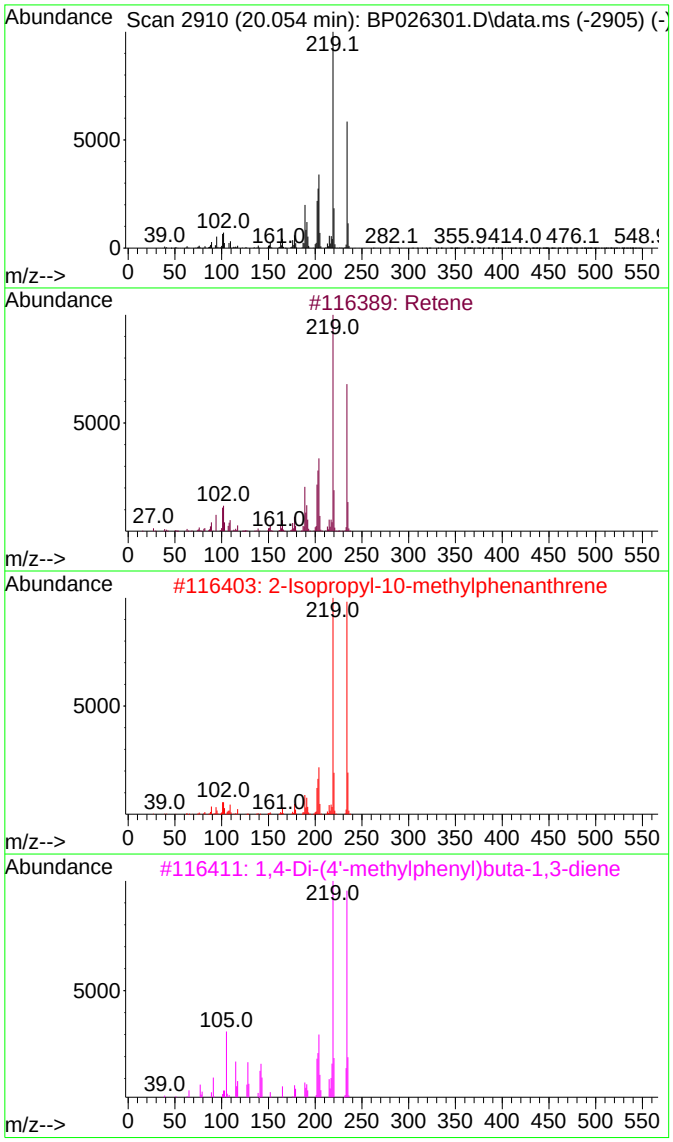
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TIC Integration Parameters: LSCINT.P

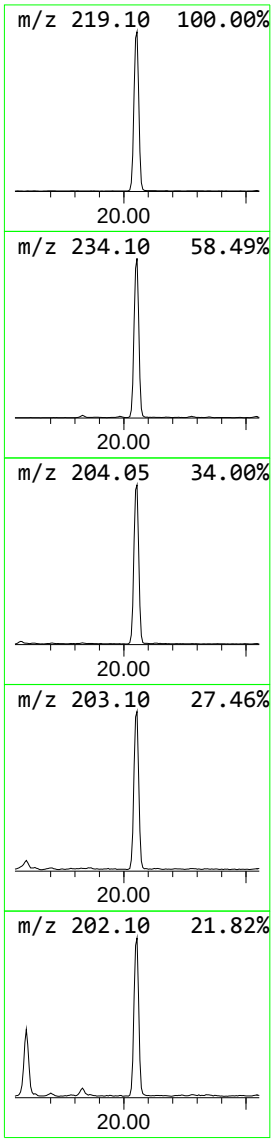
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Peak Number 20 Retene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.054	26.10 ng	4316670	Chrysene-d12	21.530

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	98
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
3	1,4-Di-(4'-methylphenyl)buta-1,3...	234	C18H18	1000202-17-5	72
4	Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	68
5	2,5-Diphenyl-2,4-hexadiene	234	C18H18	016819-47-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026301.D
Acq On : 11 Dec 2025 20:41
Operator : RC/JU
Sample : Q3834-29
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B127(5.5-8)120925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.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
Cyclohexane, bu...	7.937	18.8	ng	9497510	1	7.649	10083700	20.0
Naphthalene, de...	9.349	15.6	ng	2923480	2	10.407	3740290	20.0
Cyclohexane, pe...	9.554	14.5	ng	2714170	2	10.407	3740290	20.0
1-Methyldecahyd...	9.613	22.1	ng	4137130	2	10.407	3740290	20.0
Decane, 2,6,8-t...	10.595	19.1	ng	3568580	2	10.407	3740290	20.0
Dodecane, 2,6,1...	12.819	23.1	ng	4356370	3	14.272	3771160	20.0
3-Ethyl-2,6,10-...	13.772	25.5	ng	4816040	3	14.272	3771160	20.0
Hexadecane, 2,6...	16.072	18.7	ng	2336810	4	17.078	2494970	20.0
(1S,4aS,4bS,7S,...	18.630	24.4	ng	3037380	4	17.078	2494970	20.0
4b,8-Dimethyl-2...	18.783	66.8	ng	8333160	4	17.078	2494970	20.0
10,18-Bisnorabi...	18.919	24.0	ng	2996620	4	17.078	2494970	20.0
10,18-Bisnorabi...	19.295	80.0	ng	9983460	4	17.078	2494970	20.0
Retene	20.054	26.1	ng	4316670	5	21.530	3308030	20.0

Raw Data: **BP026302.D**

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

Report of Analysis

Client:	Woodard & Curran	Date Collected:	12/09/25
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	12/10/25
Client Sample ID:	B127(8-10)120925	SDG No.:	Q3834
Lab Sample ID:	Q3834-30	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	63.1
Sample Wt/Vol:	30.05 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 12/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	250	U	1	250	520	ug/Kg	12/11/25 21:22	PB170902
108-95-2	Phenol	35.0	U	1	35.0	270	ug/Kg	12/11/25 21:22	PB170902
111-44-4	bis(2-Chloroethyl)ether	38.4	U	1	38.4	270	ug/Kg	12/11/25 21:22	PB170902
95-57-8	2-Chlorophenol	38.6	U	1	38.6	270	ug/Kg	12/11/25 21:22	PB170902
95-48-7	2-Methylphenol	47.3	U	1	47.3	270	ug/Kg	12/11/25 21:22	PB170902
108-60-1	2,2-oxybis(1-Chloropropane)	59.3	U	1	59.3	270	ug/Kg	12/11/25 21:22	PB170902
98-86-2	Acetophenone	46.7	U	1	46.7	270	ug/Kg	12/11/25 21:22	PB170902
65794-96-9	3+4-Methylphenols	65.0	U	1	65.0	520	ug/Kg	12/11/25 21:22	PB170902
621-64-7	n-Nitroso-di-n-propylamine	75.0	U	1	75.0	130	ug/Kg	12/11/25 21:22	PB170902
67-72-1	Hexachloroethane	27.8	U	1	27.8	270	ug/Kg	12/11/25 21:22	PB170902
98-95-3	Nitrobenzene	29.0	U	1	29.0	270	ug/Kg	12/11/25 21:22	PB170902
78-59-1	Isophorone	51.9	U	1	51.9	270	ug/Kg	12/11/25 21:22	PB170902
88-75-5	2-Nitrophenol	92.1	U	1	92.1	270	ug/Kg	12/11/25 21:22	PB170902
105-67-9	2,4-Dimethylphenol	100	U	1	100	270	ug/Kg	12/11/25 21:22	PB170902
111-91-1	bis(2-Chloroethoxy)methane	48.7	U	1	48.7	270	ug/Kg	12/11/25 21:22	PB170902
120-83-2	2,4-Dichlorophenol	44.8	U	1	44.8	270	ug/Kg	12/11/25 21:22	PB170902
91-20-3	Naphthalene	35.9	U	1	35.9	270	ug/Kg	12/11/25 21:22	PB170902
106-47-8	4-Chloroaniline	56.0	UQ	1	56.0	270	ug/Kg	12/11/25 21:22	PB170902
87-68-3	Hexachlorobutadiene	40.0	U	1	40.0	270	ug/Kg	12/11/25 21:22	PB170902
105-60-2	Caprolactam	82.4	U	1	82.4	520	ug/Kg	12/11/25 21:22	PB170902
59-50-7	4-Chloro-3-methylphenol	45.4	U	1	45.4	270	ug/Kg	12/11/25 21:22	PB170902
91-57-6	2-Methylnaphthalene	40.5	U	1	40.5	270	ug/Kg	12/11/25 21:22	PB170902
77-47-4	Hexachlorocyclopentadiene	180	U	1	180	520	ug/Kg	12/11/25 21:22	PB170902
88-06-2	2,4,6-Trichlorophenol	31.3	U	1	31.3	270	ug/Kg	12/11/25 21:22	PB170902
95-95-4	2,4,5-Trichlorophenol	46.0	U	1	46.0	270	ug/Kg	12/11/25 21:22	PB170902
92-52-4	1,1-Biphenyl	34.5	U	1	34.5	270	ug/Kg	12/11/25 21:22	PB170902
91-58-7	2-Chloronaphthalene	35.6	U	1	35.6	270	ug/Kg	12/11/25 21:22	PB170902
88-74-4	2-Nitroaniline	76.1	U	1	76.1	270	ug/Kg	12/11/25 21:22	PB170902
131-11-3	Dimethylphthalate	42.9	U	1	42.9	270	ug/Kg	12/11/25 21:22	PB170902
208-96-8	Acenaphthylene	45.7	U	1	45.7	270	ug/Kg	12/11/25 21:22	PB170902
606-20-2	2,6-Dinitrotoluene	53.2	U	1	53.2	270	ug/Kg	12/11/25 21:22	PB170902
99-09-2	3-Nitroaniline	72.8	UQ	1	72.8	270	ug/Kg	12/11/25 21:22	PB170902
83-32-9	Acenaphthene	33.7	U	1	33.7	270	ug/Kg	12/11/25 21:22	PB170902
51-28-5	2,4-Dinitrophenol	360	U	1	360	520	ug/Kg	12/11/25 21:22	PB170902
100-02-7	4-Nitrophenol	170	U	1	170	520	ug/Kg	12/11/25 21:22	PB170902
132-64-9	Dibenzofuran	35.9	U	1	35.9	270	ug/Kg	12/11/25 21:22	PB170902
121-14-2	2,4-Dinitrotoluene	79.3	U	1	79.3	270	ug/Kg	12/11/25 21:22	PB170902
84-66-2	Diethylphthalate	44.8	U	1	44.8	270	ug/Kg	12/11/25 21:22	PB170902
7005-72-3	4-Chlorophenyl-phenylether	42.2	U	1	42.2	270	ug/Kg	12/11/25 21:22	PB170902
86-73-7	Fluorene	40.0	U	1	40.0	270	ug/Kg	12/11/25 21:22	PB170902
100-01-6	4-Nitroaniline	100	U	1	100	270	ug/Kg	12/11/25 21:22	PB170902
534-52-1	4,6-Dinitro-2-methylphenol	160	U	1	160	520	ug/Kg	12/11/25 21:22	PB170902

Raw Data: **BP026302.D**

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

Report of Analysis

Client:	Woodard & Curran	Date Collected:	12/09/25
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	12/10/25
Client Sample ID:	B127(8-10)120925	SDG No.:	Q3834
Lab Sample ID:	Q3834-30	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	63.1
Sample Wt/Vol:	30.05 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 12/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	52.1	U	1	52.1	270	ug/Kg	12/11/25 21:22	PB170902
101-55-3	4-Bromophenyl-phenylether	44.0	U	1	44.0	270	ug/Kg	12/11/25 21:22	PB170902
118-74-1	Hexachlorobenzene	40.0	U	1	40.0	270	ug/Kg	12/11/25 21:22	PB170902
1912-24-9	Atrazine	53.8	U	1	53.8	270	ug/Kg	12/11/25 21:22	PB170902
87-86-5	Pentachlorophenol	81.2	U	1	81.2	520	ug/Kg	12/11/25 21:22	PB170902
85-01-8	Phenanthrene	130	J	1	33.1	270	ug/Kg	12/11/25 21:22	PB170902
120-12-7	Anthracene	52.7	U	1	52.7	270	ug/Kg	12/11/25 21:22	PB170902
86-74-8	Carbazole	49.4	U	1	49.4	270	ug/Kg	12/11/25 21:22	PB170902
84-74-2	Di-n-butylphthalate	75.8	U	1	75.8	270	ug/Kg	12/11/25 21:22	PB170902
206-44-0	Fluoranthene	290		1	47.5	270	ug/Kg	12/11/25 21:22	PB170902
129-00-0	Pyrene	310		1	57.0	270	ug/Kg	12/11/25 21:22	PB170902
85-68-7	Butylbenzylphthalate	110	U	1	110	270	ug/Kg	12/11/25 21:22	PB170902
91-94-1	3,3-Dichlorobenzidine	58.1	U	1	58.1	520	ug/Kg	12/11/25 21:22	PB170902
56-55-3	Benzo(a)anthracene	180	J	1	36.4	270	ug/Kg	12/11/25 21:22	PB170902
218-01-9	Chrysene	180	J	1	31.5	270	ug/Kg	12/11/25 21:22	PB170902
117-81-7	Bis(2-ethylhexyl)phthalate	93.7	U	1	93.7	270	ug/Kg	12/11/25 21:22	PB170902
117-84-0	Di-n-octyl phthalate	140	U	1	140	520	ug/Kg	12/11/25 21:22	PB170902
205-99-2	Benzo(b)fluoranthene	200	J	1	30.1	270	ug/Kg	12/11/25 21:22	PB170902
207-08-9	Benzo(k)fluoranthene	35.4	U	1	35.4	270	ug/Kg	12/11/25 21:22	PB170902
50-32-8	Benzo(a)pyrene	210	J	1	46.7	270	ug/Kg	12/11/25 21:22	PB170902
193-39-5	Indeno(1,2,3-cd)pyrene	46.0	U	1	46.0	270	ug/Kg	12/11/25 21:22	PB170902
53-70-3	Dibenzo(a,h)anthracene	43.4	U	1	43.4	270	ug/Kg	12/11/25 21:22	PB170902
191-24-2	Benzo(g,h,i)perylene	130	J	1	40.7	270	ug/Kg	12/11/25 21:22	PB170902
95-94-3	1,2,4,5-Tetrachlorobenzene	40.5	U	1	40.5	270	ug/Kg	12/11/25 21:22	PB170902
123-91-1	1,4-Dioxane	71.5	U	1	71.5	270	ug/Kg	12/11/25 21:22	PB170902
58-90-2	2,3,4,6-Tetrachlorophenol	43.4	U	1	43.4	270	ug/Kg	12/11/25 21:22	PB170902
SURROGATES									
367-12-4	2-Fluorophenol	71.3			30 (10) - 130 (105)	48%	SPK: 150		
13127-88-3	Phenol-d6	67.3			30 (10) - 130 (103)	45%	SPK: 150		
4165-60-0	Nitrobenzene-d5	46.5			30 (10) - 130 (108)	47%	SPK: 100		
321-60-8	2-Fluorobiphenyl	45.5			30 (10) - 130 (108)	46%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	76.7			30 (10) - 130 (116)	51%	SPK: 150		
1718-51-0	Terphenyl-d14	42.9			30 (10) - 130 (109)	43%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	228000							
1146-65-2	Naphthalene-d8	853000							
15067-26-2	Acenaphthene-d10	527000							
1517-22-2	Phenanthrene-d10	1070000							
1719-03-5	Chrysene-d12	1270000							
1520-96-3	Perylene-d12	1500000							
TENTATIVE IDENTIFIED COMPOUNDS									
000121-44-8	Triethylamine	170	J			2.99	ug/Kg		
000527-60-6	Phenol, 2,4,6-trimethyl-	130	J			10.6	ug/Kg		

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

Report of Analysis

Client:	Woodard & Curran	Date Collected:	12/09/25
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	12/10/25
Client Sample ID:	B127(8-10)120925	SDG No.:	Q3834
Lab Sample ID:	Q3834-30	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	63.1
Sample Wt/Vol:	30.05 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 12/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
000098-54-4	Phenol, p-tert-butyl-	600	J			11.8	ug/Kg		
000080-46-6	Phenol, 4-(1,1-dimethylpropyl)-	140	J			13.1	ug/Kg		
000119-61-9	Benzophenone	340	J			15.7	ug/Kg		
000057-10-3	n-Hexadecanoic acid	300	JB			18.0	ug/Kg		
002221-95-6	(1S,4aS,4bS,7S,8aS,10aS)-7-Isoprop	110	J			18.6	ug/Kg		
006566-19-4	10,18-Bisnorabieta-5,7,9(10),11,13	110	J			19.3	ug/Kg		
959085-66-6	Heptadecyl heptafluorobutyrate	130	J			21.2	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_P\Data\BP121125\
Data File : BP026302.D
Acq On : 11 Dec 2025 21:22
Operator : RC/JU
Sample : Q3834-30
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B127(8-10)120925

Quant Time: Dec 11 23:43:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 05 14:52:44 2025
Response via : Initial Calibration

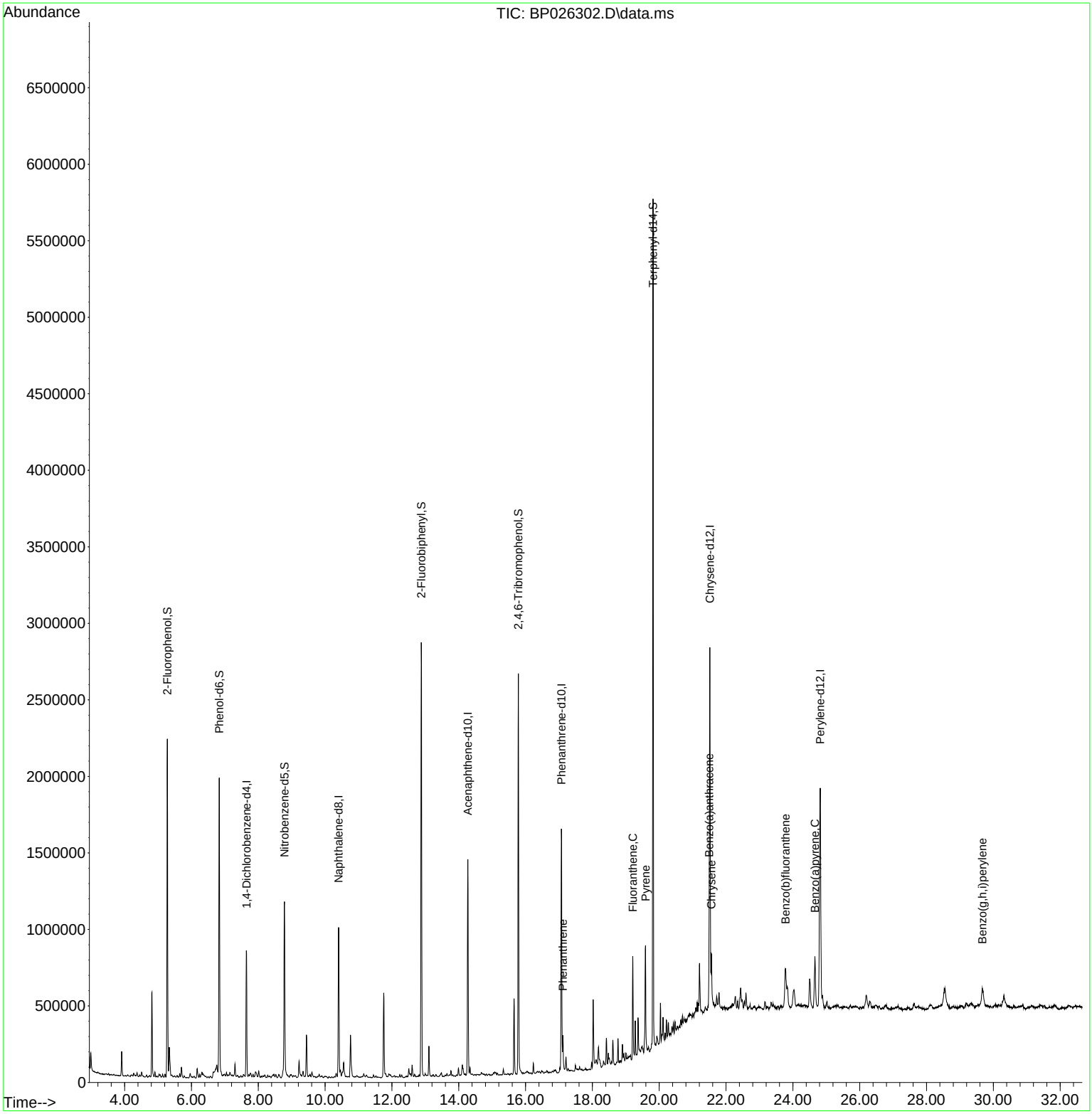
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.649	152	227895	20.000	ng	0.00
21) Naphthalene-d8	10.408	136	853442	20.000	ng	-0.01
39) Acenaphthene-d10	14.272	164	527469	20.000	ng	-0.02
64) Phenanthrene-d10	17.072	188	1067730	20.000	ng	-0.02
76) Chrysene-d12	21.513	240	1270033	20.000	ng	-0.02
86) Perylene-d12	24.819	264	1499824	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	1010036	71.253	ng	0.00
7) Phenol-d6	6.831	99	1204787	67.332	ng	0.00
23) Nitrobenzene-d5	8.784	82	697870	46.544	ng	0.00
42) 2,4,6-Tribromophenol	15.784	330	525862	76.661	ng	-0.02
45) 2-Fluorobiphenyl	12.878	172	1652078	45.537	ng	-0.02
79) Terphenyl-d14	19.813	244	2668743	42.949	ng	-0.02
Target Compounds						Qvalue
71) Phenanthrene	17.113	178	146416	2.432	ng	99
75) Fluoranthene	19.207	202	409655	5.592	ng	99
78) Pyrene	19.589	202	482313	5.828	ng	99
81) Benzo(a)anthracene	21.495	228	292926	3.362	ng	93
83) Chrysene	21.560	228	284565	3.450	ng	97
88) Benzo(b)fluoranthene	23.783	252	346921	3.806	ng	97
90) Benzo(a)pyrene	24.660	252	347063	4.015	ng	99
92) Benzo(g,h,i)perylene	29.671	276	219787	2.378	ng	98

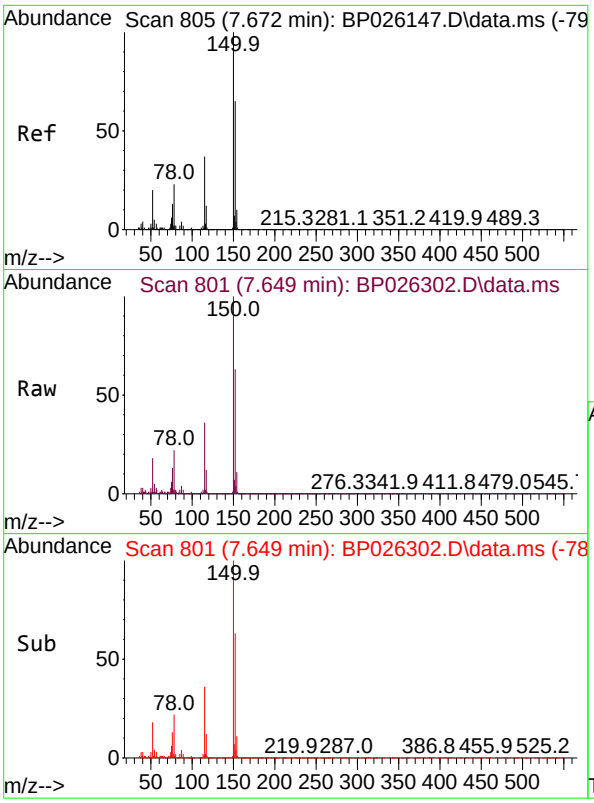
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026302.D
Acq On : 11 Dec 2025 21:22
Operator : RC/JU
Sample : Q3834-30
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B127(8-10)120925

Quant Time: Dec 11 23:43:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 05 14:52:44 2025
Response via : Initial Calibration



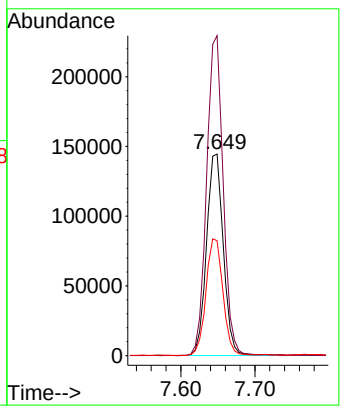


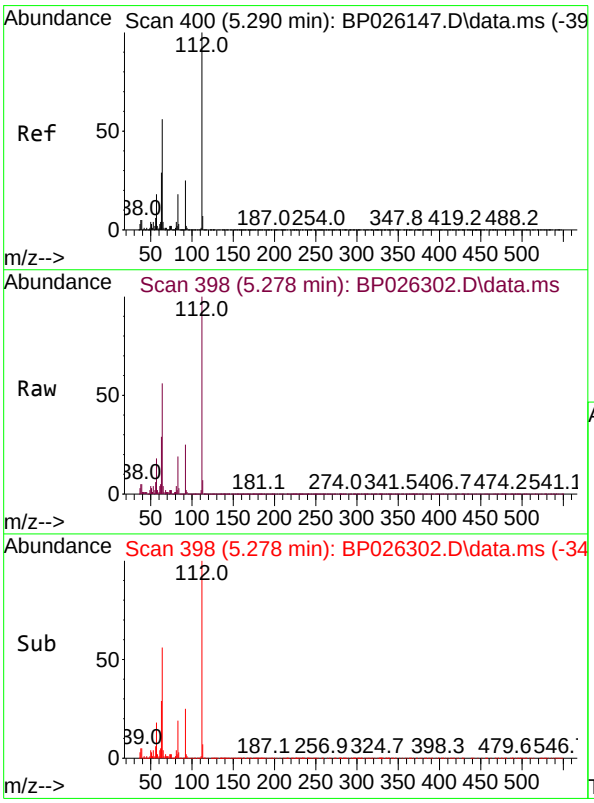
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.649 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP026302.D
Acq: 11 Dec 2025 21:22

Instrument :
BNA_P
ClientSampleId :
B127(8-10)120925

Tgt Ion:152 Resp: 227895

Ion	Ratio	Lower	Upper
152	100		
150	158.7	123.0	184.6
115	57.0	46.3	69.5

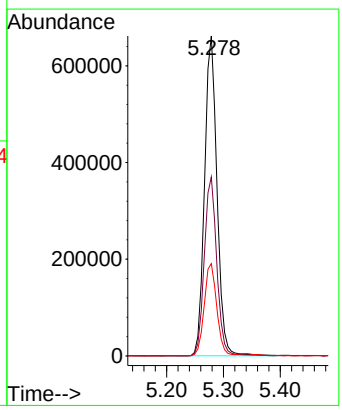


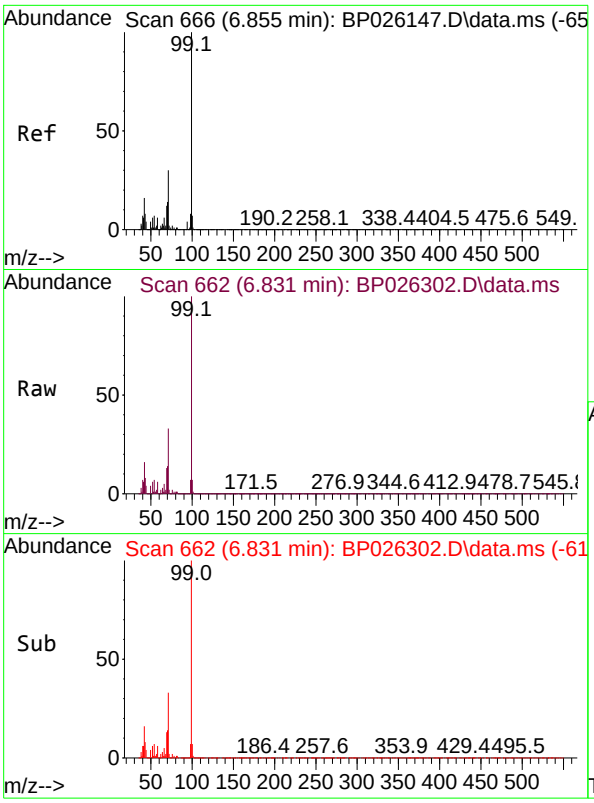


#5
2-Fluorophenol
Concen: 71.253 ng
RT: 5.278 min Scan# 398
Delta R.T. 0.000 min
Lab File: BP026302.D
Acq: 11 Dec 2025 21:22

Tgt Ion:112 Resp: 1010036

Ion	Ratio	Lower	Upper
112	100		
64	56.0	45.8	68.6
63	28.8	23.5	35.3



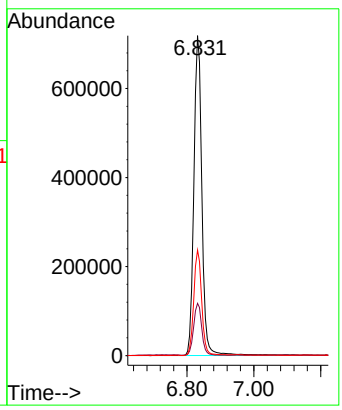


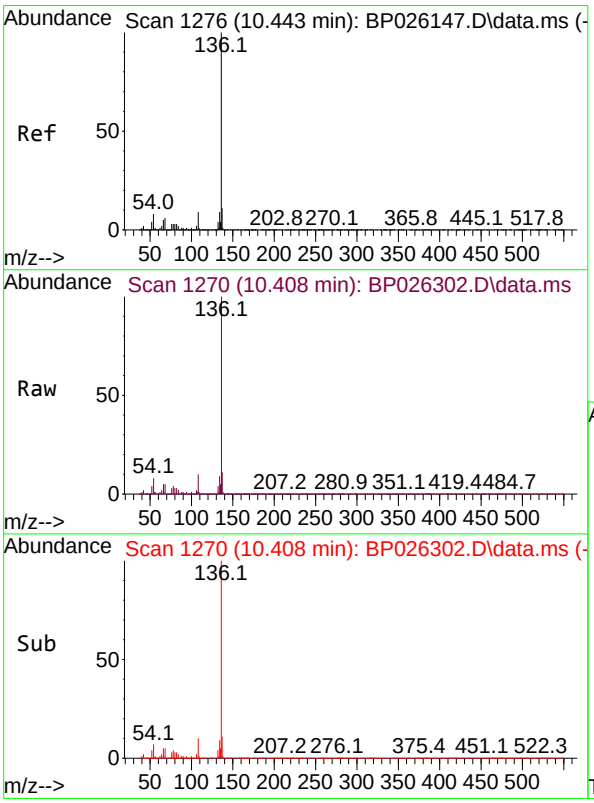
#7
Phenol-d6
Concen: 67.332 ng
RT: 6.831 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP026302.D
Acq: 11 Dec 2025 21:22

Instrument :
BNA_P
ClientSampleId :
B127(8-10)120925

Tgt Ion: 99 Resp: 1204787

Ion	Ratio	Lower	Upper
99	100		
42	16.3	12.9	19.3
71	33.0	24.8	37.2

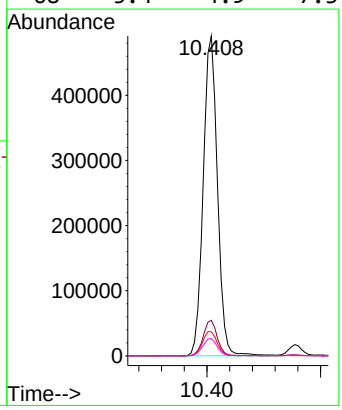


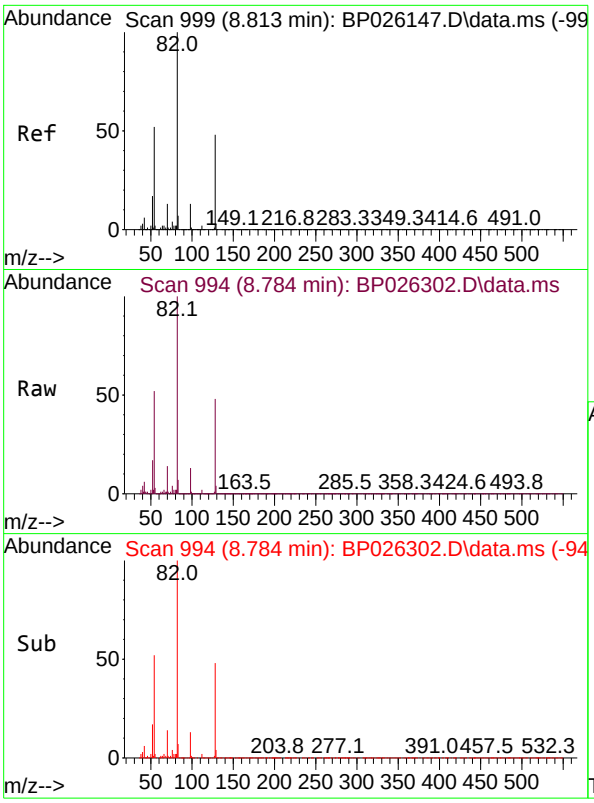


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.408 min Scan# 1270
Delta R.T. -0.012 min
Lab File: BP026302.D
Acq: 11 Dec 2025 21:22

Tgt Ion:136 Resp: 853442

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.5	6.4	9.6
68	5.4	4.9	7.3



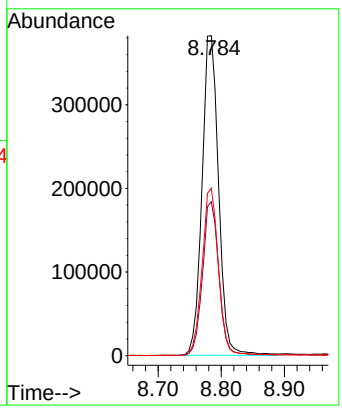


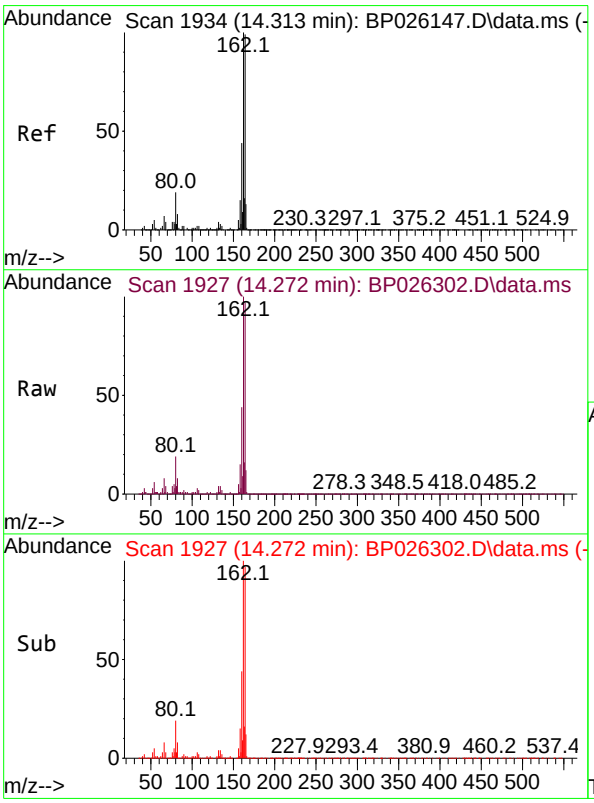
#23
Nitrobenzene-d5
Concen: 46.544 ng
RT: 8.784 min Scan# 99
Delta R.T. -0.006 min
Lab File: BP026302.D
Acq: 11 Dec 2025 21:22

Instrument :
BNA_P
ClientSampleId :
B127(8-10)120925

Tgt Ion: 82 Resp: 697870

Ion	Ratio	Lower	Upper
82	100		
128	48.1	37.4	56.0
54	52.3	41.6	62.4

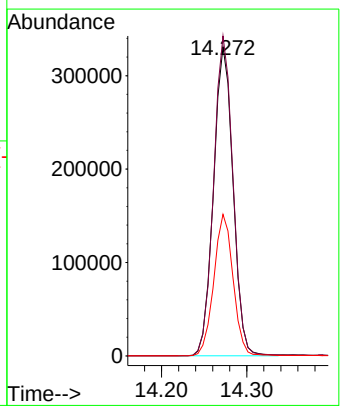


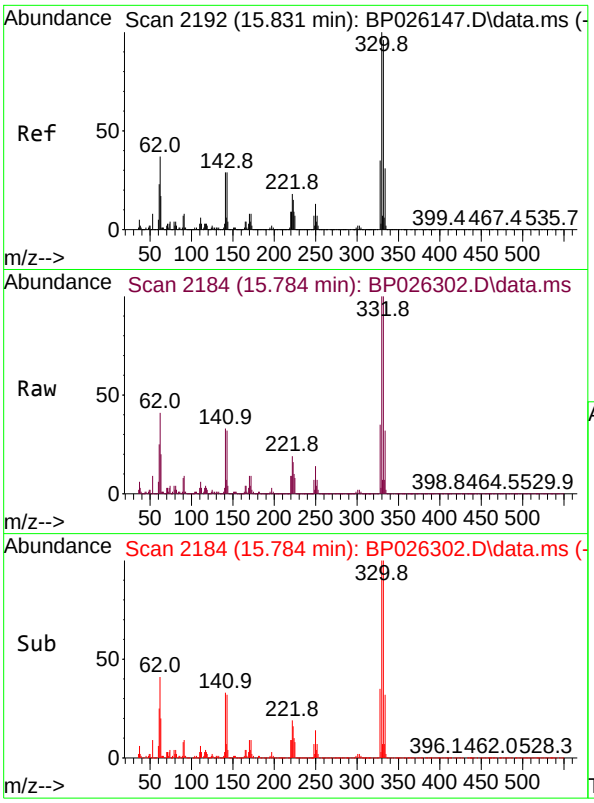


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.272 min Scan# 1927
Delta R.T. -0.018 min
Lab File: BP026302.D
Acq: 11 Dec 2025 21:22

Tgt Ion:164 Resp: 527469

Ion	Ratio	Lower	Upper
164	100		
162	103.5	80.3	120.5
160	45.8	35.2	52.8



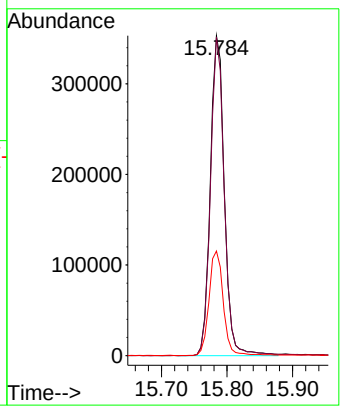


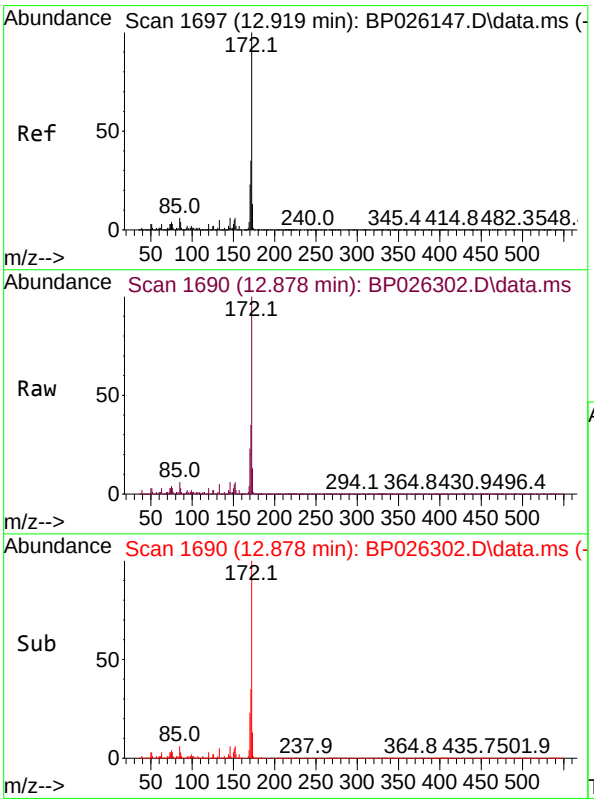
#42
2,4,6-Tribromophenol
Concen: 76.661 ng
RT: 15.784 min Scan# 21
Delta R.T. -0.024 min
Lab File: BP026302.D
Acq: 11 Dec 2025 21:22

Instrument :
BNA_P
ClientSampleId :
B127(8-10)120925

Tgt Ion:330 Resp: 525862

Ion	Ratio	Lower	Upper
330	100		
332	98.0	78.0	117.0
141	33.3	26.8	40.2

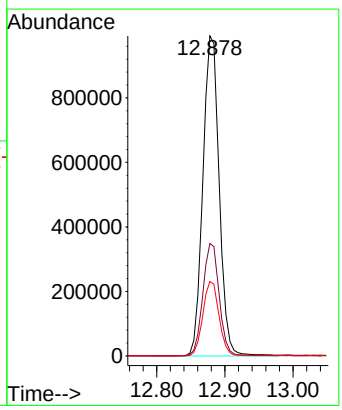


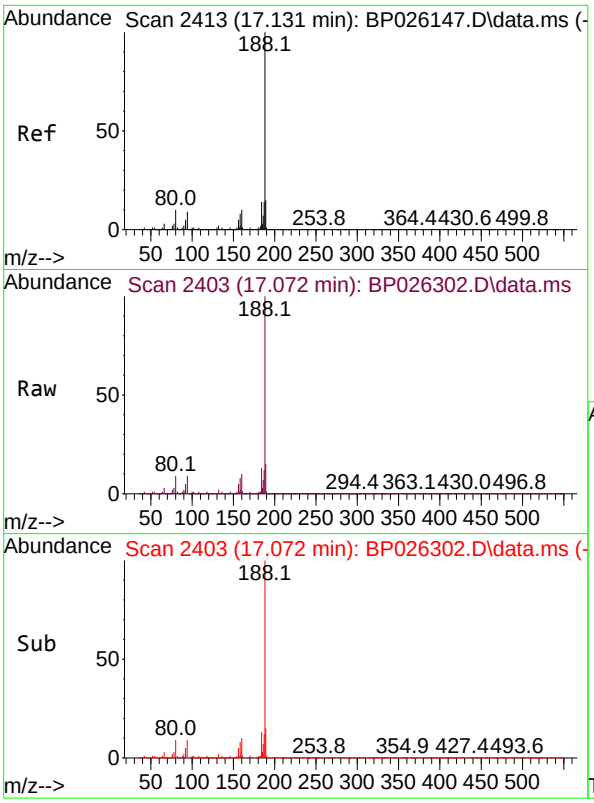


#45
2-Fluorobiphenyl
Concen: 45.537 ng
RT: 12.878 min Scan# 1690
Delta R.T. -0.024 min
Lab File: BP026302.D
Acq: 11 Dec 2025 21:22

Tgt Ion:172 Resp: 1652078

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.2	42.4
170	23.2	18.7	28.1



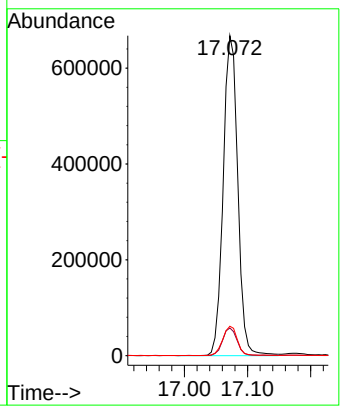


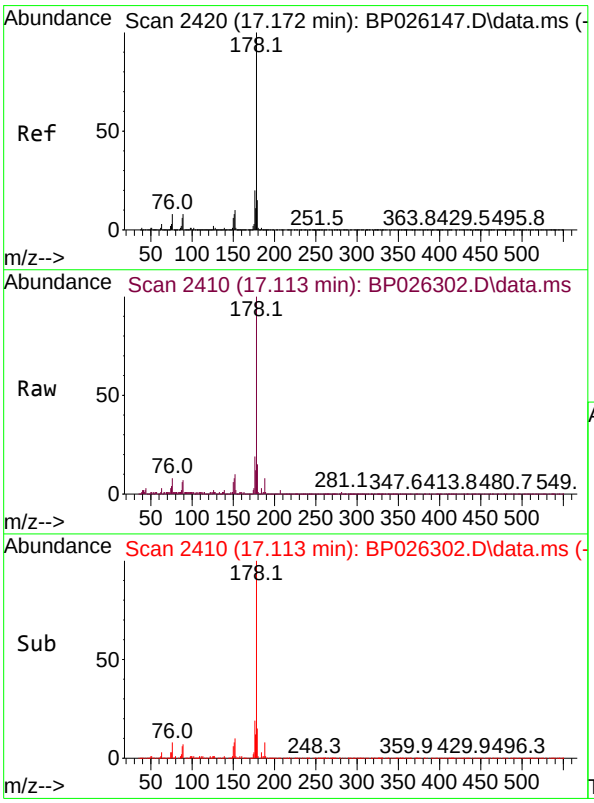
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.072 min Scan# 24
Delta R.T. -0.024 min
Lab File: BP026302.D
Acq: 11 Dec 2025 21:22

Instrument :
BNA_P
ClientSampleId :
B127(8-10)120925

Tgt Ion:188 Resp: 1067730

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.8	11.6
80	9.2	8.2	12.2

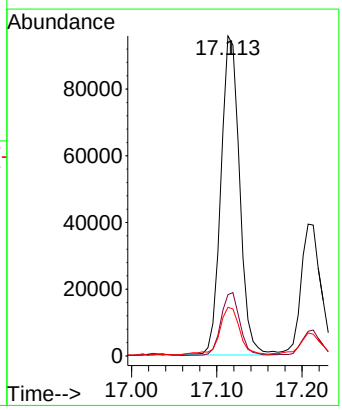


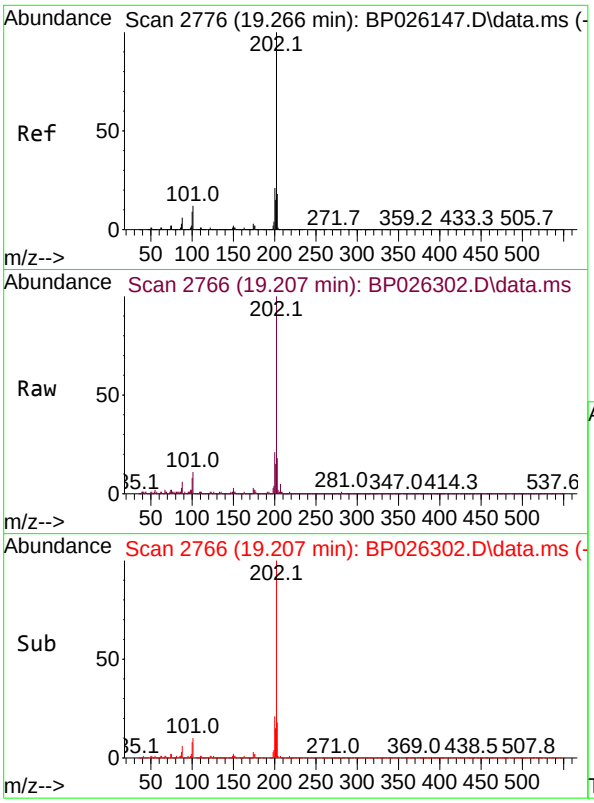


#71
Phenanthrene
Concen: 2.432 ng
RT: 17.113 min Scan# 2410
Delta R.T. -0.024 min
Lab File: BP026302.D
Acq: 11 Dec 2025 21:22

Tgt Ion:178 Resp: 146416

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.2	12.4	18.6



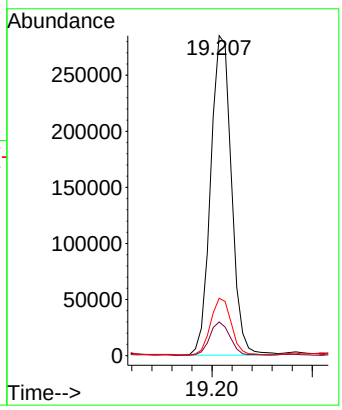


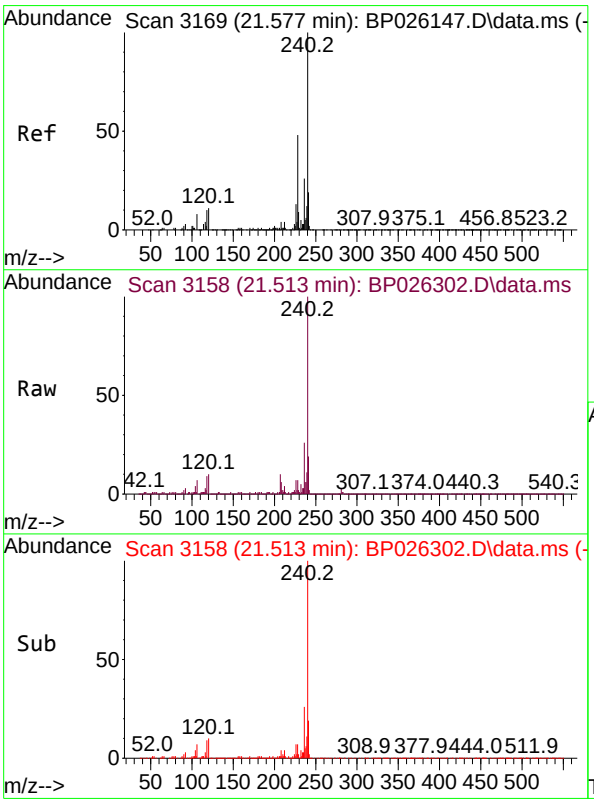
#75
Fluoranthene
Concen: 5.592 ng
RT: 19.207 min Scan# 2
Delta R.T. -0.029 min
Lab File: BP026302.D
Acq: 11 Dec 2025 21:22

Instrument :
BNA_P
ClientSampleId :
B127(8-10)120925

Tgt Ion:202 Resp: 409655

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	31.2
203	17.9	0.0	37.7

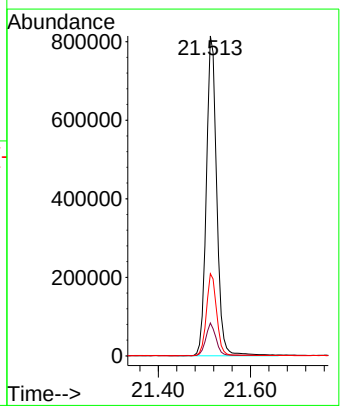


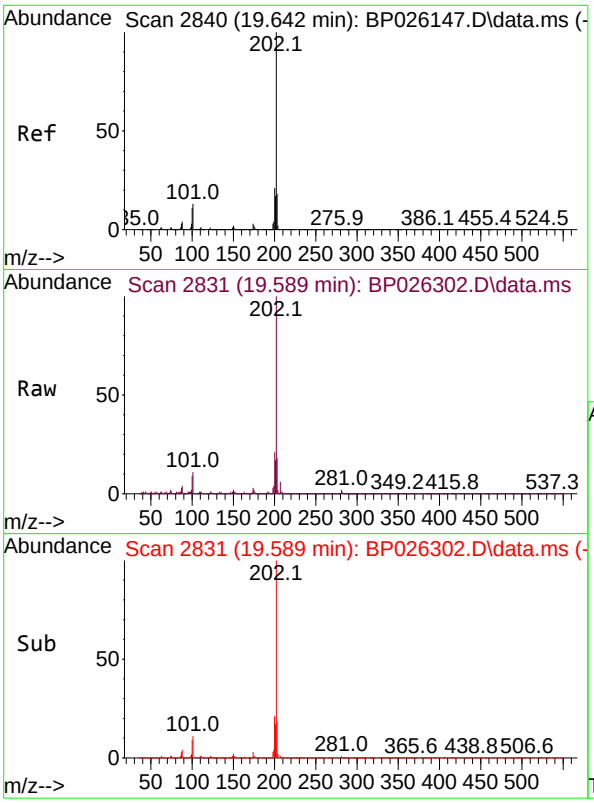


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.513 min Scan# 3158
Delta R.T. -0.024 min
Lab File: BP026302.D
Acq: 11 Dec 2025 21:22

Tgt Ion:240 Resp: 1270033

Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.0	13.4
236	25.7	20.4	30.6



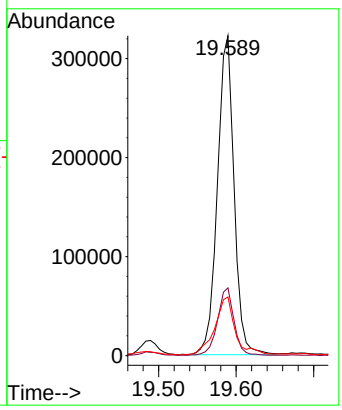


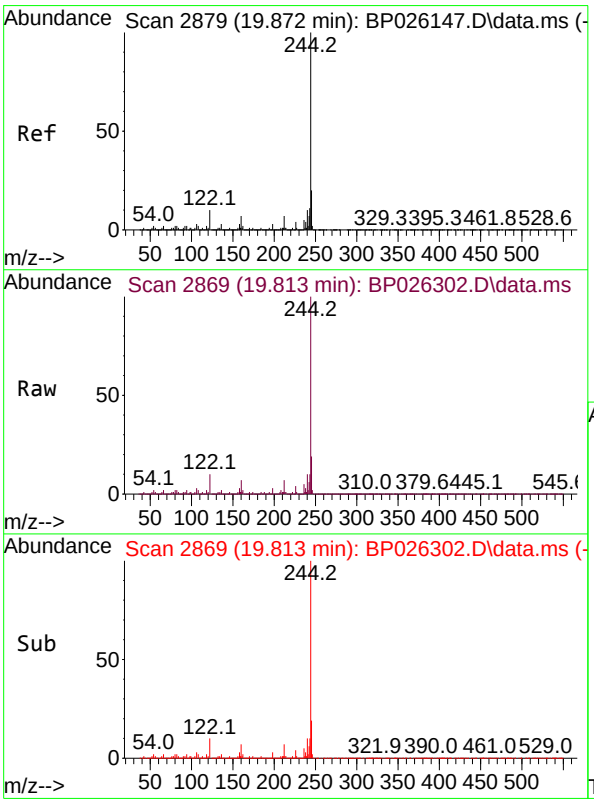
#78
Pyrene
Concen: 5.828 ng
RT: 19.589 min Scan# 28
Delta R.T. -0.024 min
Lab File: BP026302.D
Acq: 11 Dec 2025 21:22

Instrument :
BNA_P
ClientSampleId :
B127(8-10)120925

Tgt Ion:202 Resp: 482313

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	18.3	13.8	20.8

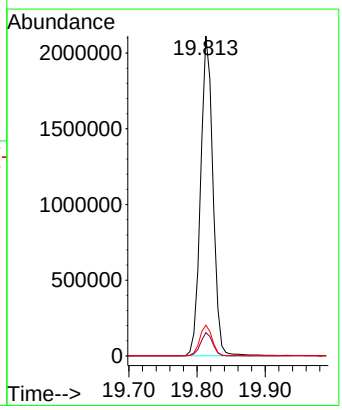


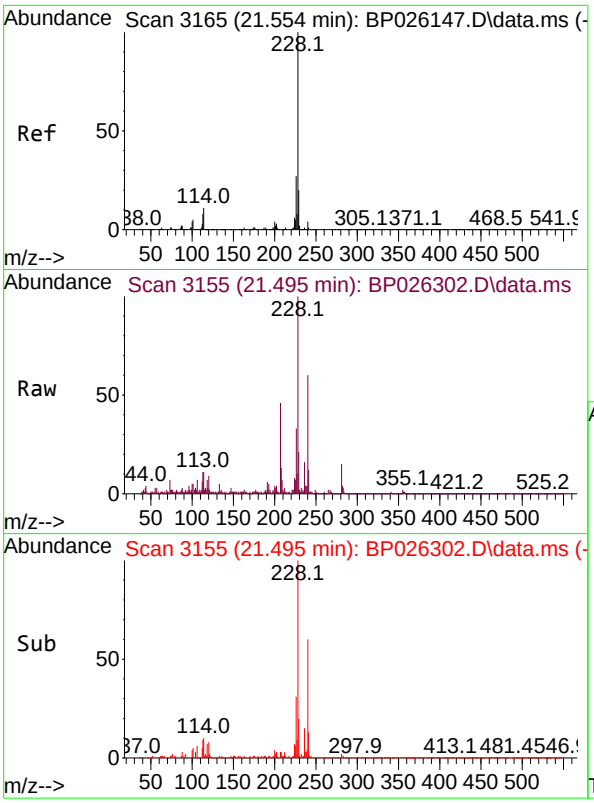


#79
Terphenyl-d14
Concen: 42.949 ng
RT: 19.813 min Scan# 2869
Delta R.T. -0.024 min
Lab File: BP026302.D
Acq: 11 Dec 2025 21:22

Tgt Ion:244 Resp: 2668743

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	9.6	8.2	12.2



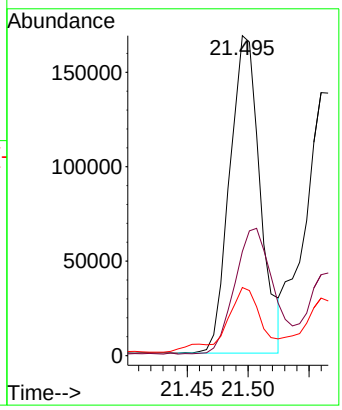


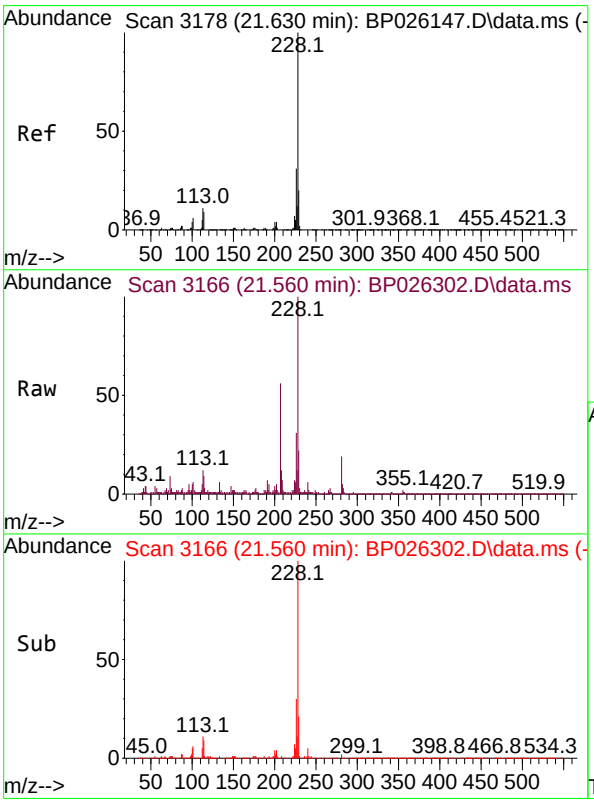
#81
Benzo(a)anthracene
Concen: 3.362 ng
RT: 21.495 min Scan# 31
Delta R.T. -0.024 min
Lab File: BP026302.D
Acq: 11 Dec 2025 21:22

Instrument :
BNA_P
ClientSampleId :
B127(8-10)120925

Tgt Ion:228 Resp: 292926

Ion	Ratio	Lower	Upper
228	100		
226	32.5	21.8	32.8
229	21.3	15.9	23.9

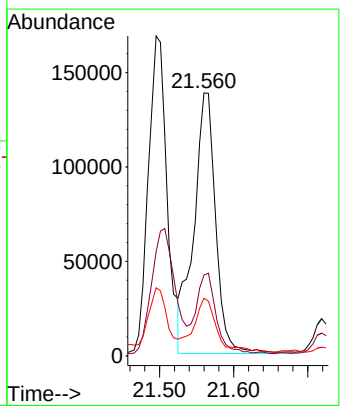


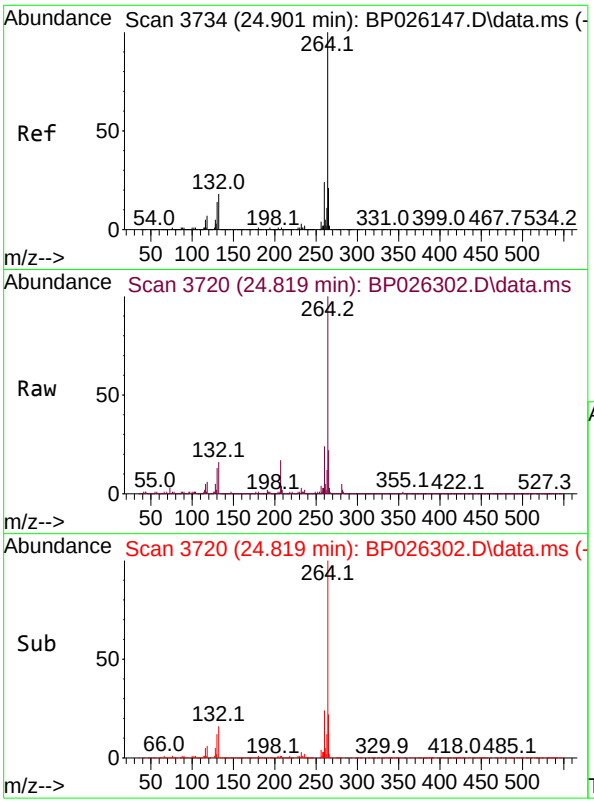


#83
Chrysene
Concen: 3.450 ng
RT: 21.560 min Scan# 3166
Delta R.T. -0.024 min
Lab File: BP026302.D
Acq: 11 Dec 2025 21:22

Tgt Ion:228 Resp: 284565

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.9	35.9
229	21.9	15.9	23.9



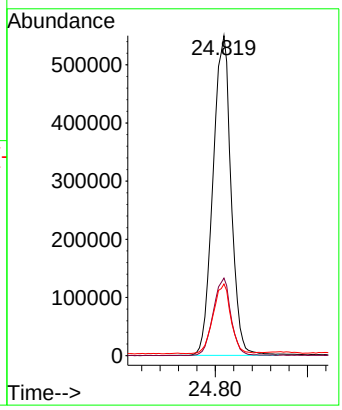


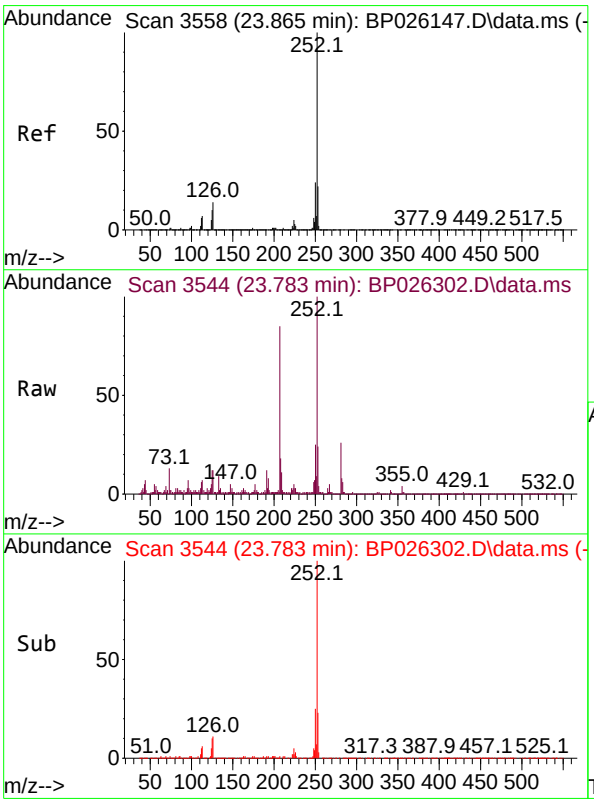
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.819 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP026302.D
Acq: 11 Dec 2025 21:22

Instrument :
BNA_P
ClientSampleId :
B127(8-10)120925

Tgt Ion:264 Resp: 1499824

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	22.4	17.5	26.3

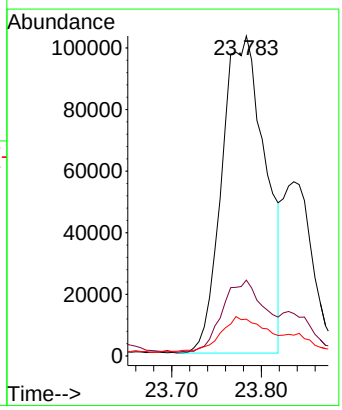


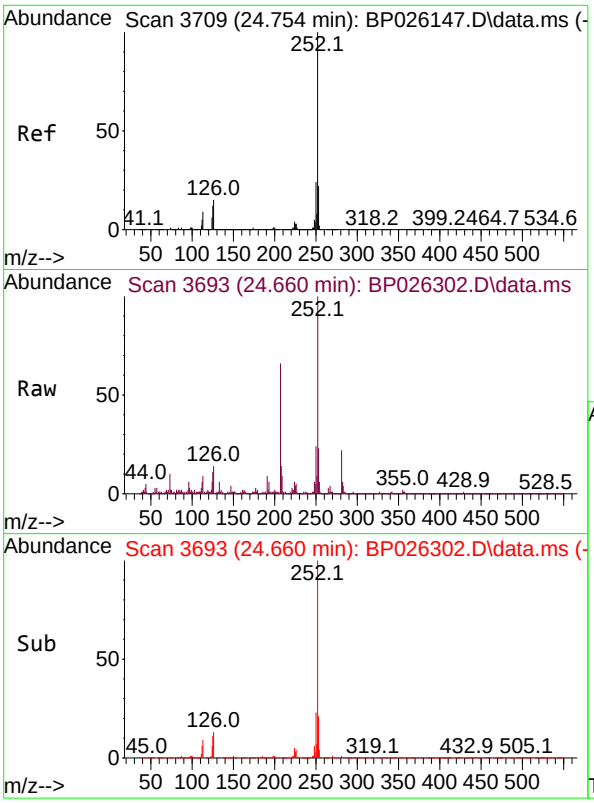


#88
Benzo(b)fluoranthene
Concen: 3.806 ng
RT: 23.783 min Scan# 3544
Delta R.T. -0.012 min
Lab File: BP026302.D
Acq: 11 Dec 2025 21:22

Tgt Ion:252 Resp: 346921

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.6	26.4
125	11.5	8.2	12.4



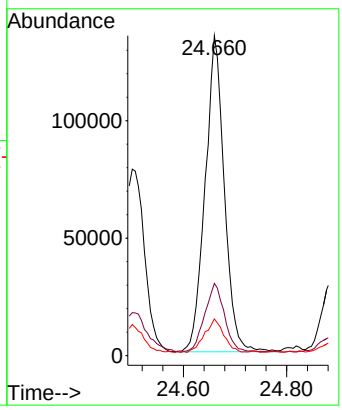


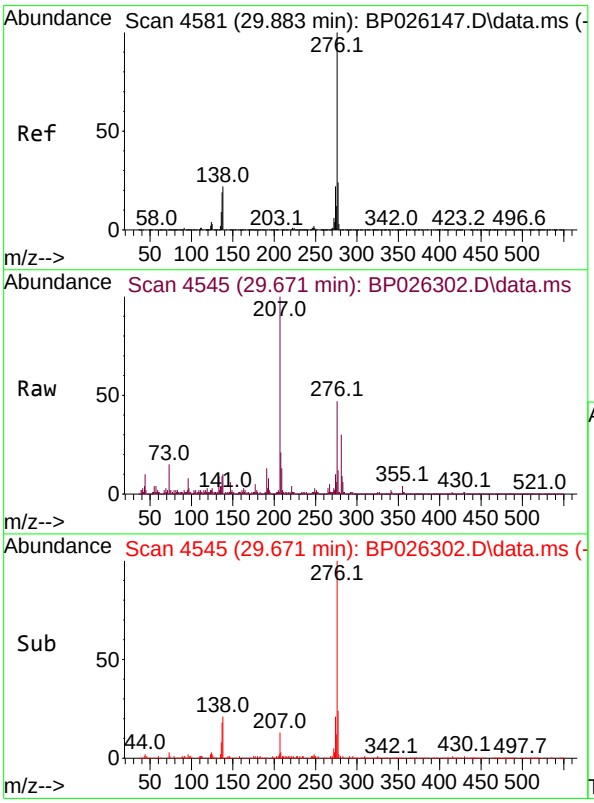
#90
Benzo(a)pyrene
Concen: 4.015 ng
RT: 24.660 min Scan# 3
Delta R.T. -0.024 min
Lab File: BP026302.D
Acq: 11 Dec 2025 21:22

Instrument :
BNA_P
ClientSampleId :
B127(8-10)120925

Tgt Ion:252 Resp: 347063

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	11.5	9.0	13.6

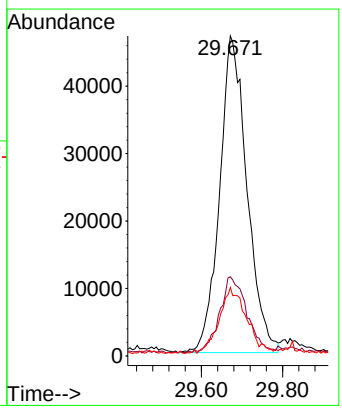




#92
Benzo(g,h,i)perylene
Concen: 2.378 ng
RT: 29.671 min Scan# 4545
Delta R.T. -0.076 min
Lab File: BP026302.D
Acq: 11 Dec 2025 21:22

Tgt Ion:276 Resp: 219787

Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.8	28.2
138	21.4	17.8	26.6



LSC Area Percent Report

Sample Results: **BP026302.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026302.D
Acq On : 11 Dec 2025 21:22
Operator : RC/JU
Sample : Q3834-30
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B127(8-10)120925

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_P\Methods\8270E-BP111825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP026302.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.990	5	9	20	rVB	120546	206922	2.97%	0.391%
2	3.914	160	166	174	rVB	159514	240658	3.45%	0.454%
3	4.820	314	320	330	rBV	552797	821692	11.79%	1.551%
4	5.278	391	398	404	rBV	2210267	3354112	48.12%	6.332%
5	5.337	404	408	416	rVB	186797	376683	5.40%	0.711%
6	5.702	465	470	480	rVB3	67505	126152	1.81%	0.238%
7	6.172	544	550	558	rBV3	60839	123121	1.77%	0.232%
8	6.314	566	574	578	rBV5	32747	81061	1.16%	0.153%
9	6.655	625	632	635	rBV	40243	85422	1.23%	0.161%
10	6.761	646	650	655	rVB5	45411	81708	1.17%	0.154%
11	6.831	655	662	671	rBV	1923008	3130223	44.91%	5.909%
12	7.302	733	742	748	rVB	80737	134769	1.93%	0.254%
13	7.643	794	800	809	rBV	821273	1292622	18.55%	2.440%
14	7.919	842	847	857	rVB7	32963	93167	1.34%	0.176%
15	8.784	976	994	1007	rBV	1151413	2258216	32.40%	4.263%
16	9.219	1060	1068	1082	rBV	105236	235103	3.37%	0.444%
17	9.337	1082	1088	1095	rVB6	34689	77733	1.12%	0.147%
18	9.443	1100	1106	1114	rVB	273714	476228	6.83%	0.899%
19	10.408	1262	1270	1276	rBV	975920	1693734	24.30%	3.198%
20	10.555	1290	1295	1305	rVB3	93402	202871	2.91%	0.383%
21	10.760	1324	1330	1346	rBV	275997	574014	8.24%	1.084%
22	11.755	1486	1499	1506	rBV	554857	959784	13.77%	1.812%
23	12.507	1621	1627	1633	rBV2	52419	106547	1.53%	0.201%
24	12.602	1639	1643	1651	rVB	73991	125930	1.81%	0.238%
25	12.878	1683	1690	1705	rBV	2835836	4637085	66.53%	8.754%
26	13.107	1723	1729	1738	rVB	196276	304478	4.37%	0.575%
27	13.990	1874	1879	1886	rBV	48667	80015	1.15%	0.151%
28	14.107	1892	1899	1908	rBV2	66151	174618	2.51%	0.330%
29	14.272	1917	1927	1934	rBV	1412535	2268662	32.55%	4.283%
30	14.337	1934	1938	1944	rVB2	47053	73350	1.05%	0.138%
31	15.654	2156	2162	2171	rBV	494095	737115	10.58%	1.392%
32	15.784	2178	2184	2203	rBV	2614846	3889567	55.80%	7.343%
33	16.231	2255	2260	2266	rBV	67608	96866	1.39%	0.183%
34	17.072	2397	2403	2408	rBV2	1572773	2521754	36.18%	4.761%
35	17.113	2408	2410	2420	rVV	226221	339632	4.87%	0.641%
36	17.207	2422	2426	2433	rVB	88800	141559	2.03%	0.267%

Sample Results: **BP026302.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026302.D
Acq On : 11 Dec 2025 21:22
Operator : RC/JU
Sample : Q3834-30
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B127(8-10)120925

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_P\Methods\8270E-BP111825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.490	2470	2474	2482	rBV7	38649	82082	1.18%	0.155%
38	18.025	2560	2565	2573	rBV2	445481	725011	10.40%	1.369%
39	18.184	2587	2592	2596	rBV2	104921	184814	2.65%	0.349%
40	18.419	2627	2632	2638	rBV2	171938	257866	3.70%	0.487%
41	18.478	2638	2642	2644	rBV2	71244	86372	1.24%	0.163%
42	18.613	2661	2665	2677	rVB	163638	254462	3.65%	0.480%
43	18.766	2687	2691	2697	rVB2	157425	195578	2.81%	0.369%
44	18.895	2709	2713	2717	rBV	114476	196512	2.82%	0.371%
45	19.207	2761	2766	2774	rBV	677577	1031514	14.80%	1.947%
46	19.284	2775	2779	2783	rVB	225442	270981	3.89%	0.512%
47	19.366	2789	2793	2799	rBV	237804	356188	5.11%	0.672%
48	19.589	2822	2831	2839	rBV	700325	1209804	17.36%	2.284%
49	19.813	2864	2869	2880	rVB	5529588	6970041	100.00%	13.158%
50	20.036	2903	2907	2911	rBV	250012	295131	4.23%	0.557%
51	20.113	2917	2920	2927	rVB2	150367	202726	2.91%	0.383%
52	20.213	2934	2937	2942	rBV	114209	170420	2.45%	0.322%
53	20.272	2944	2947	2952	rVB2	81638	111344	1.60%	0.210%
54	21.207	3102	3106	3114	rVB4	312687	510779	7.33%	0.964%
55	21.513	3151	3158	3164	rBV2	2336578	4145668	59.48%	7.826%
56	24.819	3711	3720	3728	rBV2	1390246	3589921	51.51%	6.777%

Sum of corrected areas: 52970387

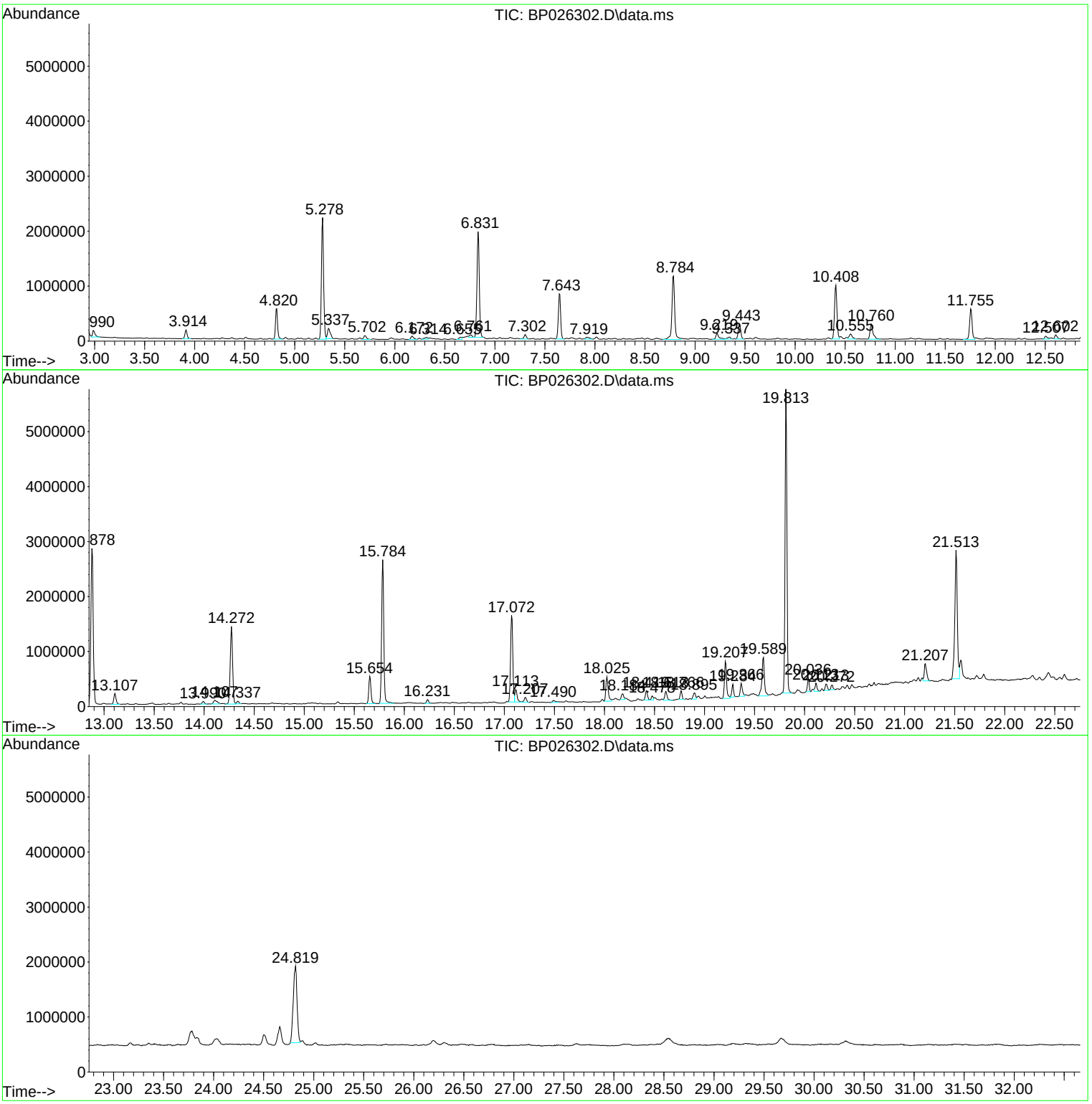
Sample Results: **BP026302.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026302.D
Acq On : 11 Dec 2025 21:22
Operator : RC/JU
Sample : Q3834-30
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B127(8-10)120925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Sample Results: **BP026302.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026302.D
Acq On : 11 Dec 2025 21:22
Operator : RC/JU
Sample : Q3834-30
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B127(8-10)120925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

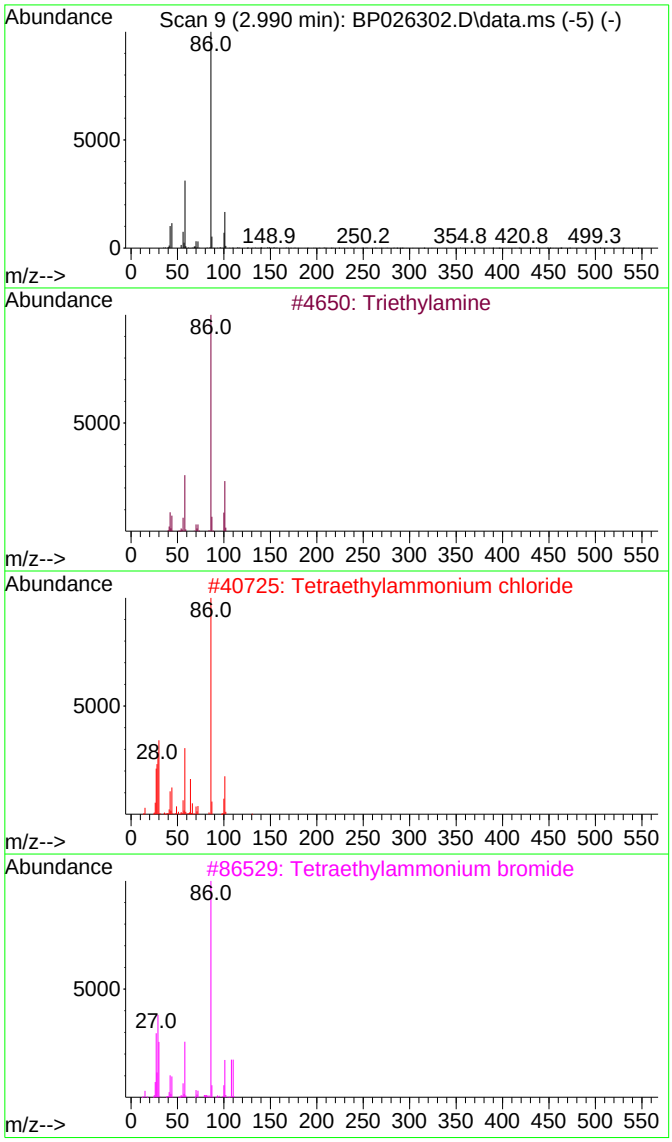
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TIC Integration Parameters: LSCINT.P

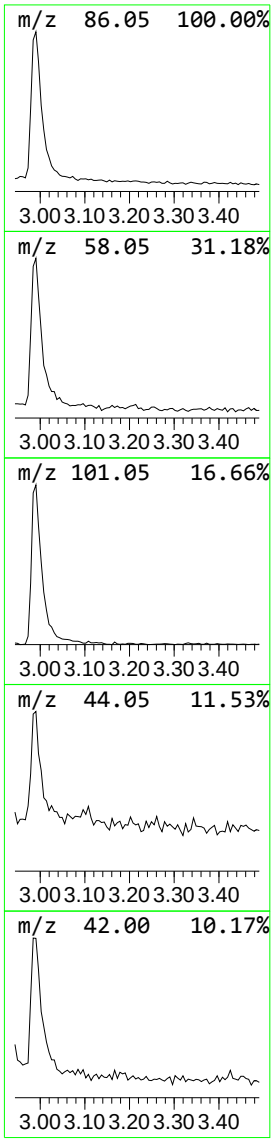
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Peak Number 1 Triethylamine Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.990	3.20 ng	206922	1,4-Dichlorobenzene-d4	7.649

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triethylamine	101	C6H15N	000121-44-8	91
2	Tetraethylammonium chloride	165	C8H20ClN	000056-34-8	83
3	Tetraethylammonium bromide	209	C8H20BrN	000071-91-0	78
4	Methanediamine, N,N,N',N'-tetrae...	158	C9H22N2	000102-53-4	72
5	Tetraethyl ammonium fluoride	149	C8H20FN	000665-46-3	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026302.D
Acq On : 11 Dec 2025 21:22
Operator : RC/JU
Sample : Q3834-30
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B127(8-10)120925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

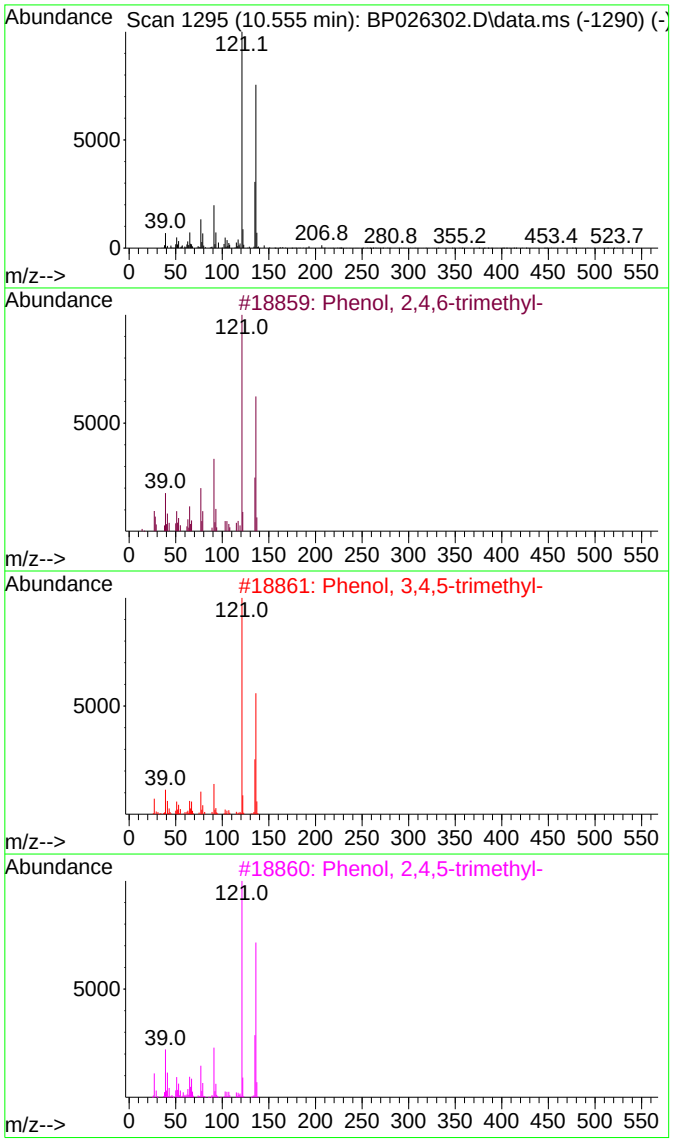
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

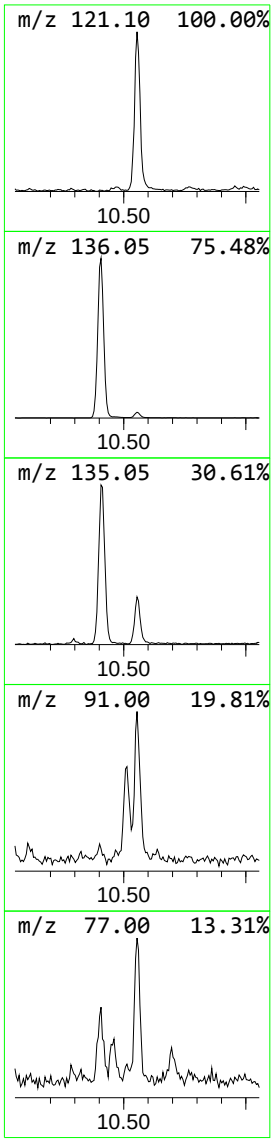
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Peak Number 8 Phenol, 2,4,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.555	2.40 ng	202871	Naphthalene-d8	10.408

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	91
2	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	91
3	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	91
4	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	90
5	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026302.D
Acq On : 11 Dec 2025 21:22
Operator : RC/JU
Sample : Q3834-30
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B127(8-10)120925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

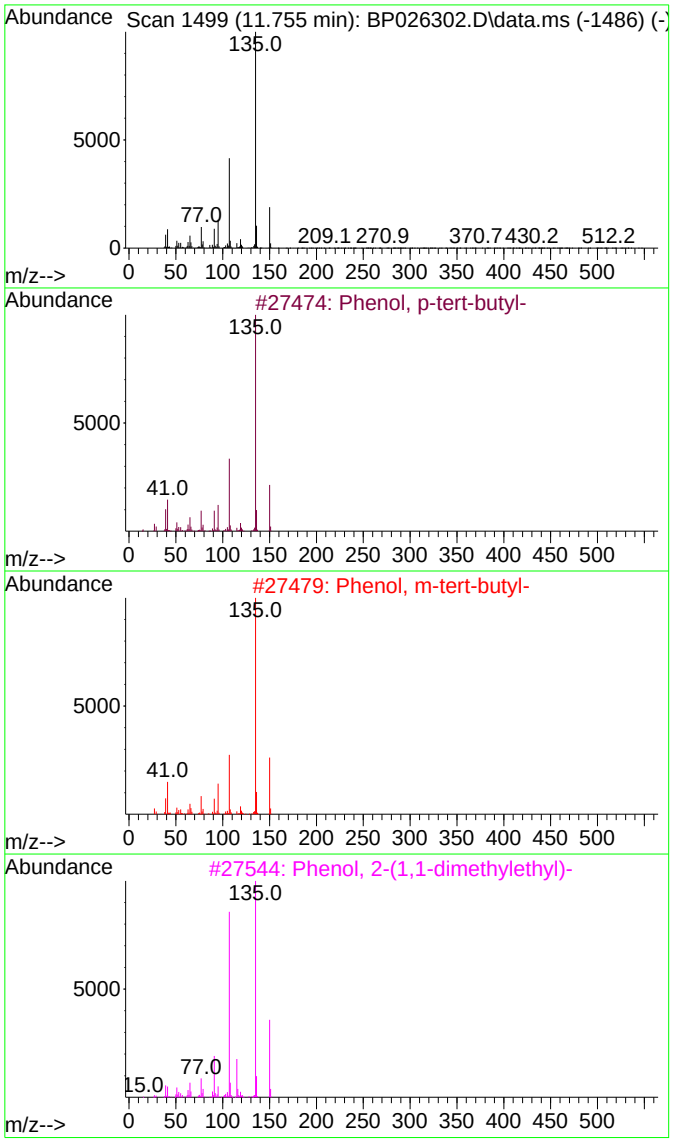
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

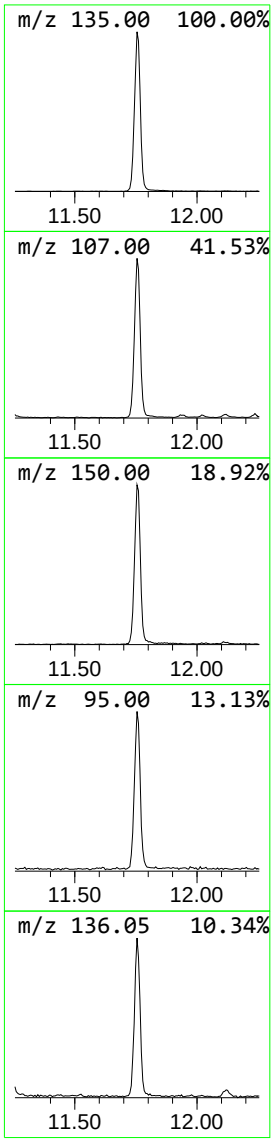
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Peak Number 10 Phenol, p-tert-butyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.755	11.33 ng	959784	Naphthalene-d8	10.408

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	96
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	94
3	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	83
4	Imidazo[1,2-c]pyrimidin-5-ol	135	C6H5N3O	055662-66-3	64
5	4-Acetylanisole	150	C9H10O2	000100-06-1	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026302.D
Acq On : 11 Dec 2025 21:22
Operator : RC/JU
Sample : Q3834-30
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B127(8-10)120925

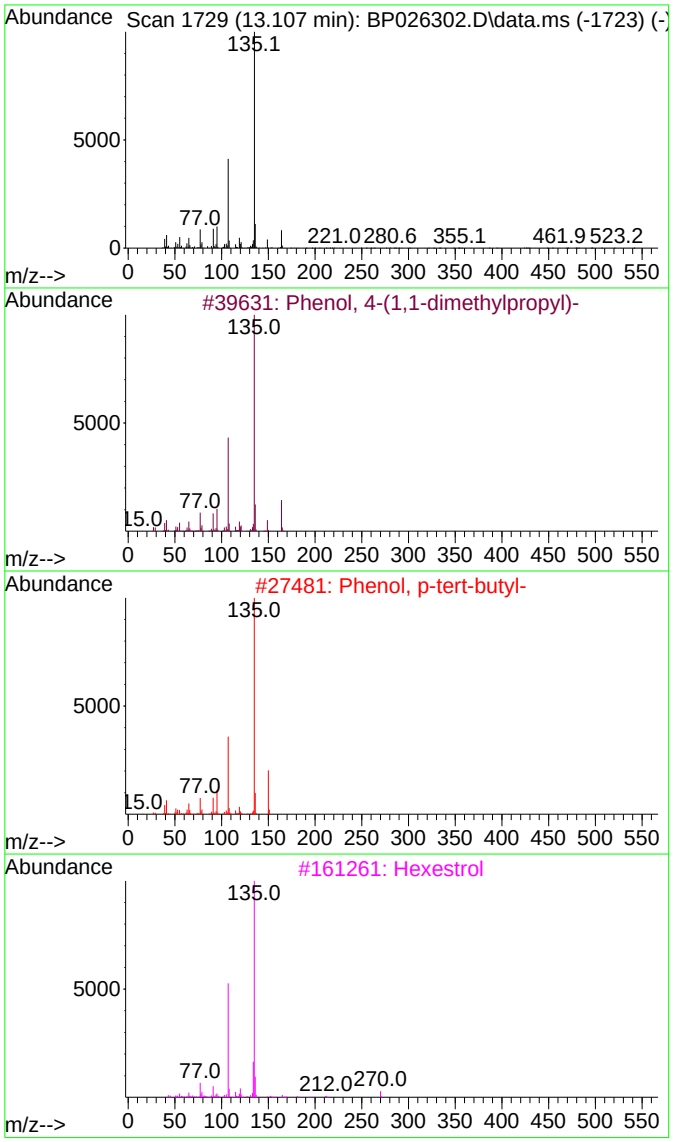
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

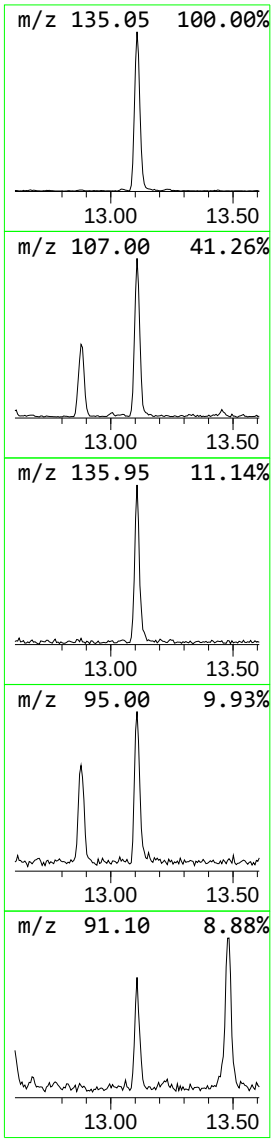
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Phenol, 4-(1,1-dimethylprop... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.107	2.68 ng	304478	Acenaphthene-d10	14.272

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	94
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	86
3	Hexestrol	270	C18H22O2	000084-16-2	72
4	4,4'-(1,2-diethylethylene)diphenol	270	C18H22O2	005635-50-7	64
5	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026302.D
Acq On : 11 Dec 2025 21:22
Operator : RC/JU
Sample : Q3834-30
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B127(8-10)120925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

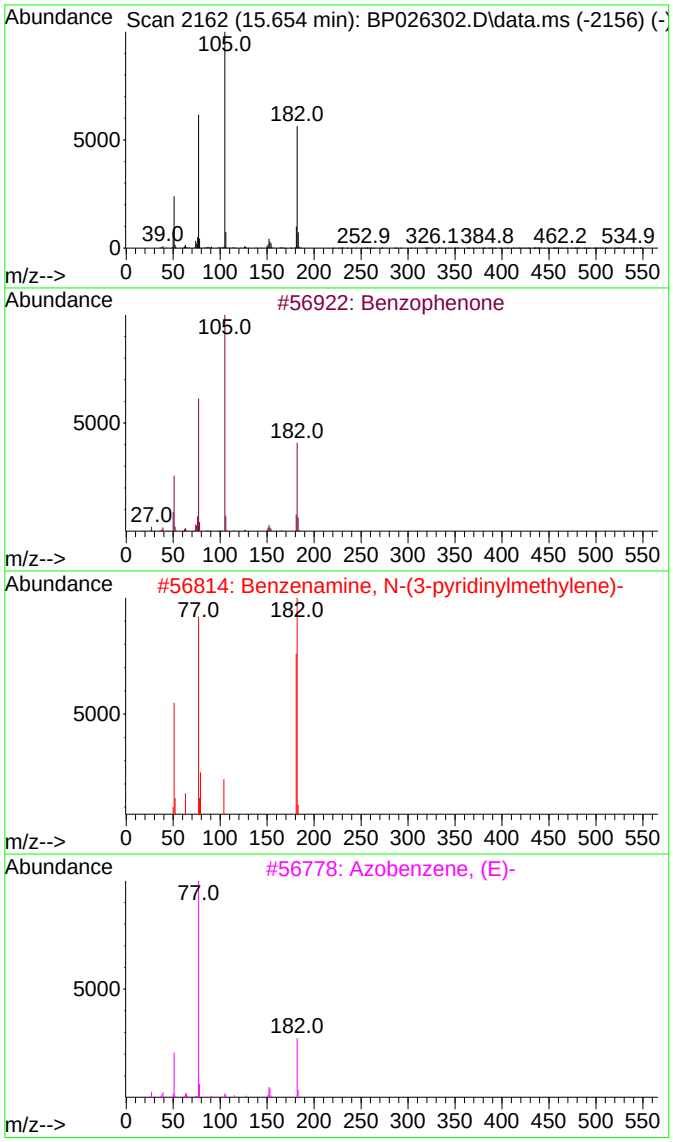
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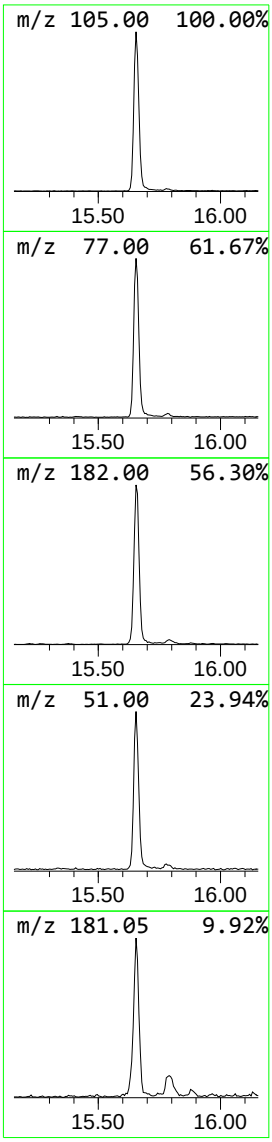
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Peak Number 12 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.654	6.50 ng	737115	Acenaphthene-d10	14.272

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	42
3	Azobenzene, (E)-	182	C12H10N2	017082-12-1	42
4	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	38
5	Azobenzene	182	C12H10N2	000103-33-3	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026302.D
Acq On : 11 Dec 2025 21:22
Operator : RC/JU
Sample : Q3834-30
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B127(8-10)120925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

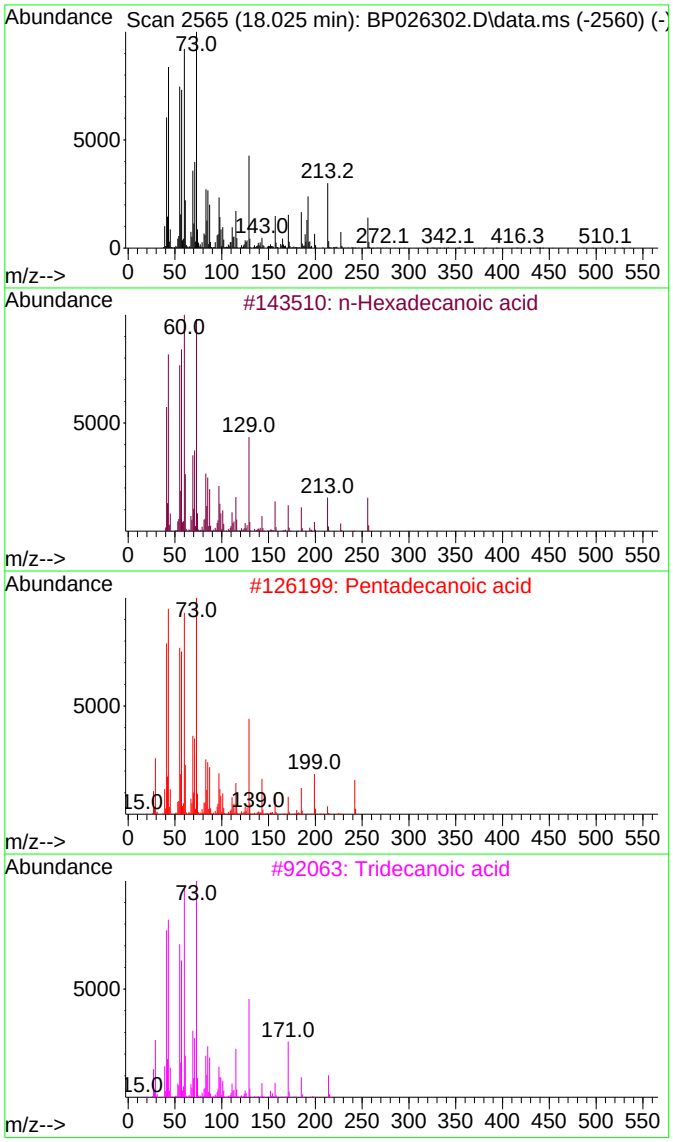
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TIC Integration Parameters: LSCINT.P

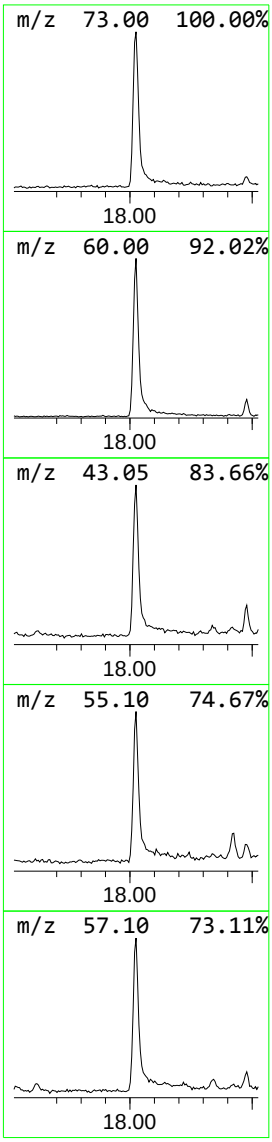
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Peak Number 13 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.025	5.75 ng	725011	Phenanthrene-d10	17.072

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026302.D
Acq On : 11 Dec 2025 21:22
Operator : RC/JU
Sample : Q3834-30
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B127(8-10)120925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

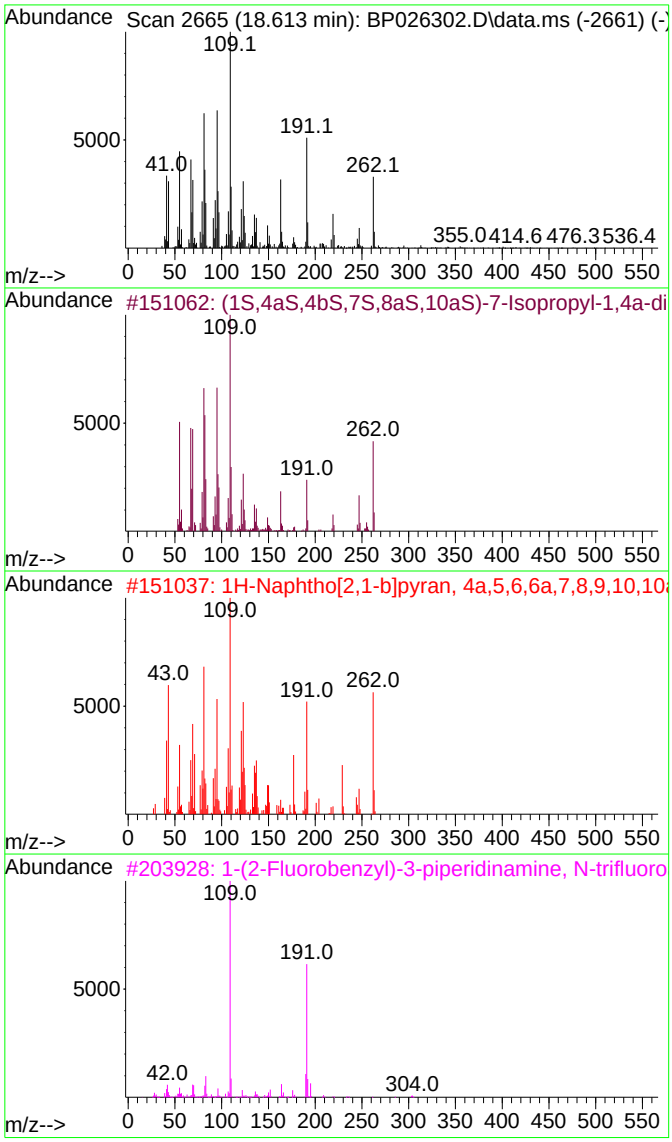
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TIC Integration Parameters: LSCINT.P

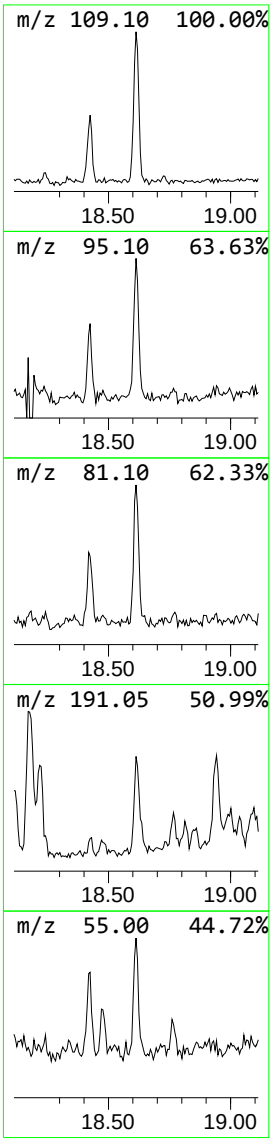
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Peak Number 15 (1S,4aS,4bS,7S,8aS,10aS)-7-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.613	2.02 ng	254462	Phenanthrene-d10	17.072

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1S,4aS,4bS,7S,8aS,10aS)-7-Isopr...	262	C19H34	002221-95-6	93
2	1H-Naphtho[2,1-b]pyran, 4a,5,6,6...	262	C18H30O	005153-92-4	43
3	1-(2-Fluorobenzyl)-3-piperidinam...	304	C14H16F4N2O	1000469-11-0	38
4	3-[(4-Fluorophenyl)methyl]-1,2,3...	192	C9H9FN4	1000435-39-8	35
5	1H-Pyrazole-1-ethanol, .beta.-(3...	248	C13H20N4O	1000460-84-6	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026302.D
Acq On : 11 Dec 2025 21:22
Operator : RC/JU
Sample : Q3834-30
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B127(8-10)120925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

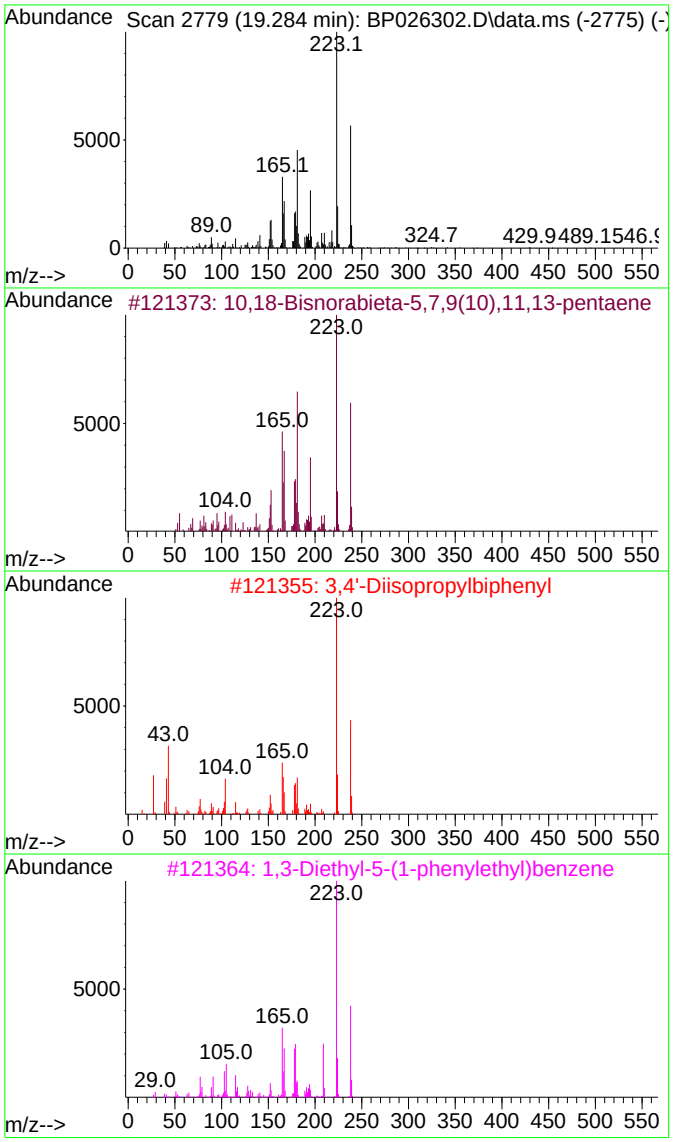
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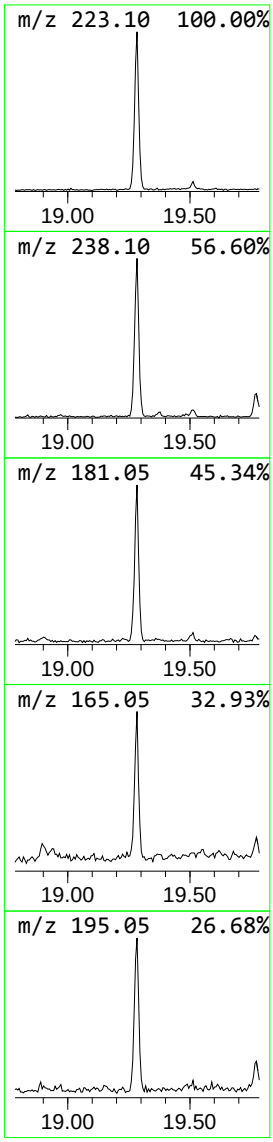
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Peak Number 16 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.284	2.15 ng	270981	Phenanthrene-d10	17.072

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	89
3	1,3-Diethyl-5-(1-phenylethyl)ben...	238	C18H22	1000482-32-6	76
4	3,3'-Diacetylbiphenyl	238	C16H14O2	094113-07-2	60
5	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026302.D
Acq On : 11 Dec 2025 21:22
Operator : RC/JU
Sample : Q3834-30
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B127(8-10)120925

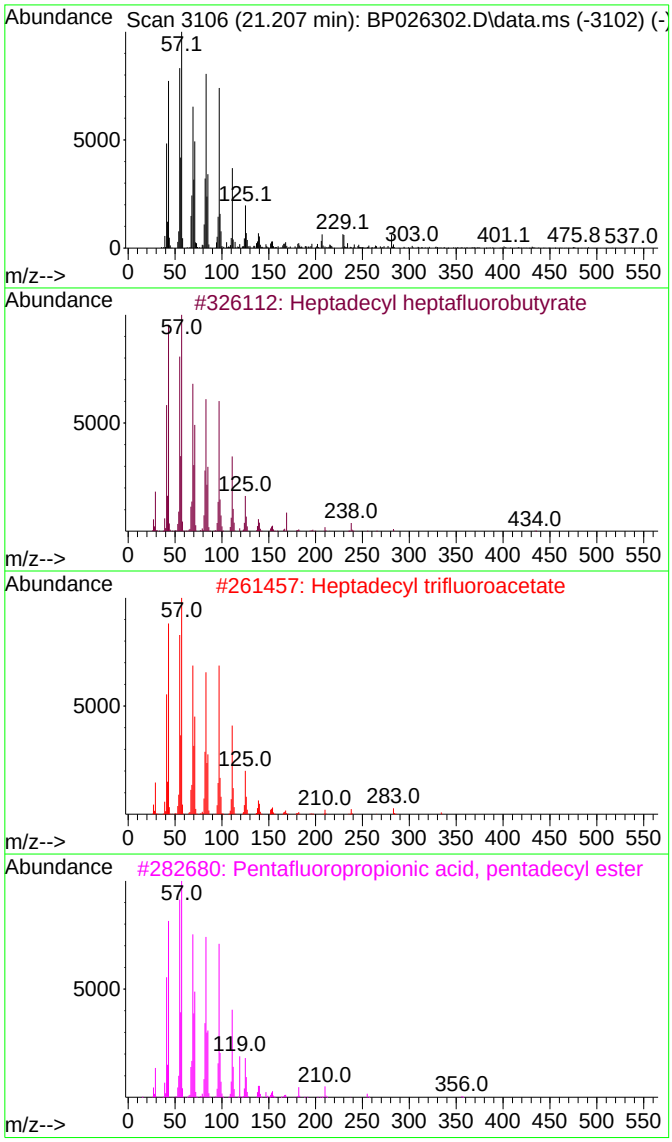
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

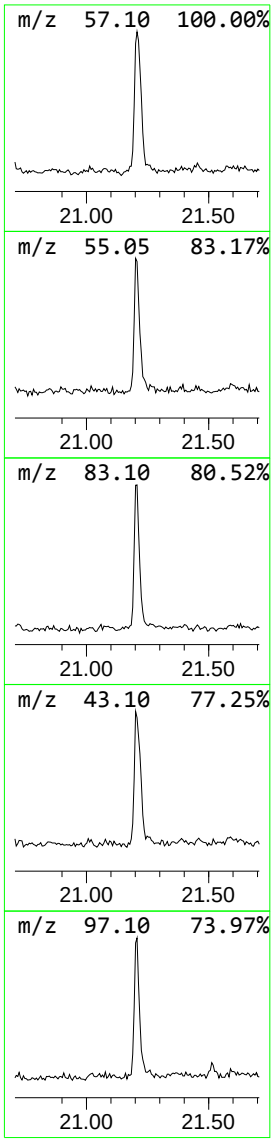
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Heptadecyl heptafluorobutyrate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.207	2.46 ng	510779	Chrysene-d12	21.513

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	94
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026302.D
Acq On : 11 Dec 2025 21:22
Operator : RC/JU
Sample : Q3834-30
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B127(8-10)120925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.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
Triethylamine	2.990	3.2	ng	206922	1	7.649	1292620	20.0
Phenol, 2,4,6-t...	10.555	2.4	ng	202871	2	10.408	1693730	20.0
Phenol, p-tert-...	11.755	11.3	ng	959784	2	10.408	1693730	20.0
Phenol, 4-(1,1-...	13.107	2.7	ng	304478	3	14.272	2268660	20.0
Benzophenone	15.654	6.5	ng	737115	3	14.272	2268660	20.0
n-Hexadecanoic ...	18.025	5.8	ng	725011	4	17.072	2521750	20.0
(1S,4aS,4bS,7S,...	18.613	2.0	ng	254462	4	17.072	2521750	20.0
10,18-Bisnorabi...	19.284	2.1	ng	270981	4	17.072	2521750	20.0
Heptadecyl hept...	21.207	2.5	ng	510779	5	21.513	4145670	20.0

CALIBRATION SUMMARY

Response Factor Report MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP111825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Dec 15 01:38:31 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP026143.D 5 =BP026144.D 10 =BP026145.D 20 =BP026146.D 40 =BP026147.D 50 =BP026148.D 60 =BP026149.D 80 =BP0261
50.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.507	0.520	0.524	0.490	0.502	0.505	0.494	0.506	2.46
3)		Pyridine		1.401	1.459	1.510	1.391	1.485	1.466	1.458	1.453	2.96
4)		n-Nitrosodimet...			0.535	0.560	0.515	0.552	0.549	0.540	0.542	2.93
5)	S	2-Fluorophenol		1.193	1.249	1.277	1.231	1.255	1.258	1.245	1.244	2.14
6)		Aniline		1.953	2.050	2.154	1.885	2.138	2.127	2.117	2.061	5.04
7)	S	Phenol-d6		1.465	1.564	1.623	1.505	1.632	1.606	1.596	1.570	4.02
8)		2-Chlorophenol		1.318	1.398	1.438	1.398	1.452	1.439	1.453	1.414	3.40
9)		Benzaldehyde			0.963	0.899	1.014	0.719	0.812	0.673	0.847	16.00
10)	C	Phenol		1.570	1.658	1.757	1.608	1.759	1.742	1.729	1.689	4.58
11)		bis(2-Chloroet...		1.252	1.334	1.368	1.265	1.363	1.338	1.350	1.324	3.54
12)		1,3-Dichlorobe...		1.511	1.526	1.570	1.537	1.528	1.518	1.518	1.530	1.29
13)	C	1,4-Dichlorobe...		1.495	1.547	1.589	1.552	1.546	1.532	1.530	1.541	1.83
14)		1,2-Dichlorobe...		1.453	1.482	1.521	1.487	1.480	1.470	1.464	1.480	1.47
15)		Benzyl Alcohol			1.074	1.181	1.064	1.194	1.164	1.173	1.142	5.01
16)		2,2'-oxybis(1-...		1.769	1.841	1.961	1.699	1.924	1.852	1.892	1.848	4.89
17)		2-Methylphenol		1.067	1.126	1.191	1.077	1.202	1.180	1.182	1.146	4.92
18)		Hexachloroethane		0.527	0.559	0.569	0.562	0.565	0.557	0.581	0.560	2.98
19)	P	n-Nitroso-di-n...	0.937	0.899	0.960	1.063	0.884	1.039	0.975	0.986	0.968	6.44
20)		3+4-Methylphenols			1.530	1.656	1.450	1.648	1.601	1.613	1.583	5.00
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.497	0.521	0.530	0.499	0.504	0.507	0.493	0.507	2.67
23)	S	Nitrobenzene-d5		0.335	0.357	0.362	0.350	0.351	0.355	0.349	0.351	2.37
24)		Nitrobenzene		0.339	0.356	0.368	0.352	0.357	0.360	0.354	0.355	2.51
25)		Isophorone		0.655	0.693	0.736	0.649	0.710	0.686	0.697	0.689	4.37
26)	C	2-Nitrophenol		0.152	0.164	0.182	0.184	0.189	0.192	0.193	0.180	8.72
27)		2,4-Dimethylph...		0.305	0.327	0.337	0.278	0.328	0.327	0.323	0.318	6.31
28)		bis(2-Chloroet...		0.425	0.439	0.454	0.411	0.442	0.426	0.436	0.433	3.19
29)	C	2,4-Dichloroph...		0.298	0.322	0.335	0.325	0.330	0.330	0.328	0.324	3.73
30)		1,2,4-Trichlor...		0.331	0.337	0.337	0.346	0.325	0.328	0.328	0.333	2.16
31)		Naphthalene		1.080	1.114	1.115	1.075	1.073	1.059	1.052	1.081	2.29
32)		Benzoic acid			0.209	0.268	0.162	0.276	0.329	0.285	0.255	23.37
33)		4-Chloroaniline		0.429	0.461	0.479	0.425	0.463	0.458	0.457	0.453	4.30
34)	C	Hexachlorobuta...		0.213	0.218	0.219	0.231	0.211	0.212	0.219	0.217	3.17
35)		Caprolactam			0.113	0.123	0.106	0.118	0.114	0.113	0.114	4.96
36)	C	4-Chloro-3-met...		0.314	0.342	0.366	0.323	0.356	0.344	0.342	0.341	5.21
37)		2-Methylnaphth...		0.732	0.791	0.804	0.743	0.773	0.746	0.744	0.762	3.64
38)		1-Methylnaphth...		0.735	0.767	0.785	0.731	0.746	0.729	0.719	0.744	3.18

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP111825.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.607	0.610	0.613	0.637	0.594	0.610	0.603	0.611	2.18
41)	P	Hexachlorocycl...		0.347	0.382	0.306	0.396	0.418	0.436	0.381	12.53
42)	S	2,4,6-Tribromo...	0.241	0.253	0.273	0.269	0.262	0.260	0.262	0.260	4.04
43)	C	2,4,6-Trichlor...	0.380	0.404	0.431	0.422	0.420	0.426	0.420	0.415	4.24
44)		2,4,5-Trichlor...	0.428	0.454	0.482	0.462	0.469	0.473	0.468	0.462	3.71
45)	S	2-Fluorobiphenyl	1.430	1.442	1.453	1.414	1.317	1.325	1.249	1.376	5.70
46)		1,1'-Biphenyl	1.499	1.540	1.580	1.519	1.469	1.504	1.460	1.510	2.74
47)		2-Chloronaphth...	1.167	1.215	1.217	1.208	1.164	1.195	1.162	1.190	2.07
48)		2-Nitroaniline	0.289	0.310	0.345	0.314	0.336	0.349	0.339	0.326	6.75
49)		Acenaphthylene	1.890	1.987	2.051	1.941	1.943	1.951	1.906	1.953	2.75
50)		Dimethylphthalate	1.470	1.517	1.573	1.469	1.470	1.470	1.462	1.490	2.74
51)		2,6-Dinitrotol...	0.235	0.267	0.310	0.305	0.312	0.313	0.319	0.295	10.63
52)	C	Acenaphthene	1.139	1.182	1.180	1.117	1.141	1.153	1.081	1.142	3.10
53)		3-Nitroaniline	0.286	0.330	0.368	0.332	0.364	0.368	0.362	0.344	8.81
54)	P	2,4-Dinitrophenol		0.124	0.174	0.056	0.187	0.194	0.208	0.157	36.56
55)		Dibenzofuran	1.779	1.832	1.880	1.782	1.763	1.738	1.654	1.776	4.01
56)	P	4-Nitrophenol		0.290	0.331	0.269	0.314	0.324	0.317	0.307	7.70
57)		2,4-Dinitrotol...	0.362	0.407	0.469	0.440	0.464	0.465	0.459	0.438	9.14
58)		Fluorene	1.447	1.490	1.500	1.403	1.374	1.351	1.267	1.405	5.89
59)		2,3,4,6-Tetrac...	0.361	0.391	0.409	0.390	0.397	0.396	0.394	0.391	3.73
60)		Diethylphthalate	1.493	1.507	1.592	1.452	1.493	1.462	1.465	1.495	3.16
61)		4-Chlorophenyl...	0.718	0.717	0.741	0.714	0.691	0.673	0.648	0.700	4.53
62)		4-Nitroaniline	0.313	0.359	0.394	0.333	0.368	0.376	0.358	0.357	7.59
63)		Azobenzene	1.200	1.276	1.346	1.206	1.279	1.252	1.240	1.257	3.96
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.099	0.123	0.081	0.132	0.134	0.141	0.118	19.93
66)	c	n-Nitrosodiphe...	0.598	0.640	0.641	0.622	0.610	0.609	0.610	0.618	2.68
67)		4-Bromophenyl-...	0.208	0.219	0.223	0.231	0.221	0.221	0.229	0.222	3.43
68)		Hexachlorobenzene	0.243	0.260	0.260	0.269	0.255	0.254	0.263	0.258	3.27
69)		Atrazine	0.217	0.232	0.247	0.232	0.233	0.229	0.237	0.233	3.86
70)	C	Pentachlorophenol		0.170	0.179	0.177	0.179	0.180	0.187	0.179	3.20
71)		Phenanthrene	1.128	1.179	1.179	1.128	1.102	1.089	1.087	1.127	3.43
72)		Anthracene	1.122	1.194	1.198	1.166	1.122	1.134	1.102	1.148	3.29
73)		Carbazole	1.083	1.178	1.151	1.075	1.045	1.050	1.030	1.087	5.16
74)		Di-n-butylphth...	1.219	1.290	1.372	1.292	1.304	1.223	1.290	1.284	4.05
75)	C	Fluoranthene	1.383	1.464	1.452	1.392	1.308	1.319	1.287	1.372	5.12
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.727	0.733	0.575	0.631	0.594	0.508	0.628	14.11
78)		Pyrene	1.266	1.318	1.375	1.275	1.309	1.302	1.277	1.303	2.85
79)	S	Terphenyl-d14	1.024	1.037	1.061	0.974	0.971	0.918	0.866	0.979	7.08
80)		Butylbenzylpht...	0.546	0.552	0.612	0.564	0.588	0.555	0.587	0.572	4.24
81)		Benzo(a)anthra...	1.373	1.401	1.437	1.364	1.349	1.350	1.328	1.372	2.66
82)		3,3'-Dichlorob...		0.513	0.526	0.498	0.492	0.491	0.475	0.499	3.61
83)		Chrysene	1.298	1.336	1.341	1.316	1.266	1.279	1.257	1.299	2.57
84)		Bis(2-ethylhex...	0.842	0.825	0.918	0.836	0.876	0.814	0.911	0.860	4.84
85)	c	Di-n-octyl pht...		1.414	1.572	1.510	1.553	1.467	1.584	1.517	4.37

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP111825.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.442	1.484	1.538	1.592	1.483	1.531	1.511	1.512	3.20
88)		Benzo(b)fluora...	1.190	1.226	1.271	1.220	1.222	1.200	1.180	1.215	2.48
89)		Benzo(k)fluora...	1.206	1.228	1.275	1.209	1.213	1.192	1.189	1.216	2.39
90)	C	Benzo(a)pyrene	1.121	1.153	1.198	1.160	1.147	1.146	1.142	1.153	2.05
91)		Dibenzo(a,h)an...	1.177	1.220	1.274	1.296	1.209	1.245	1.232	1.236	3.24
92)		Benzo(g,h,i)pe...	1.175	1.230	1.253	1.307	1.185	1.244	1.234	1.232	3.58

(#) = Out of Range

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026143.D
Acq On : 18 Nov 2025 14:31
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Nov 19 00:37:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.655	152	296435	20.000	ng	-0.02
21) Naphthalene-d8	10.431	136	1184362	20.000	ng	-0.02
39) Acenaphthene-d10	14.313	164	759057	20.000	ng	-0.01
64) Phenanthrene-d10	17.125	188	1539519	20.000	ng	0.00
76) Chrysene-d12	21.583	240	1732194	20.000	ng	0.01
86) Perylene-d12	24.918	264	1973418	20.000	ng	0.01
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...	8.449	70	34712	2.457	ng	96

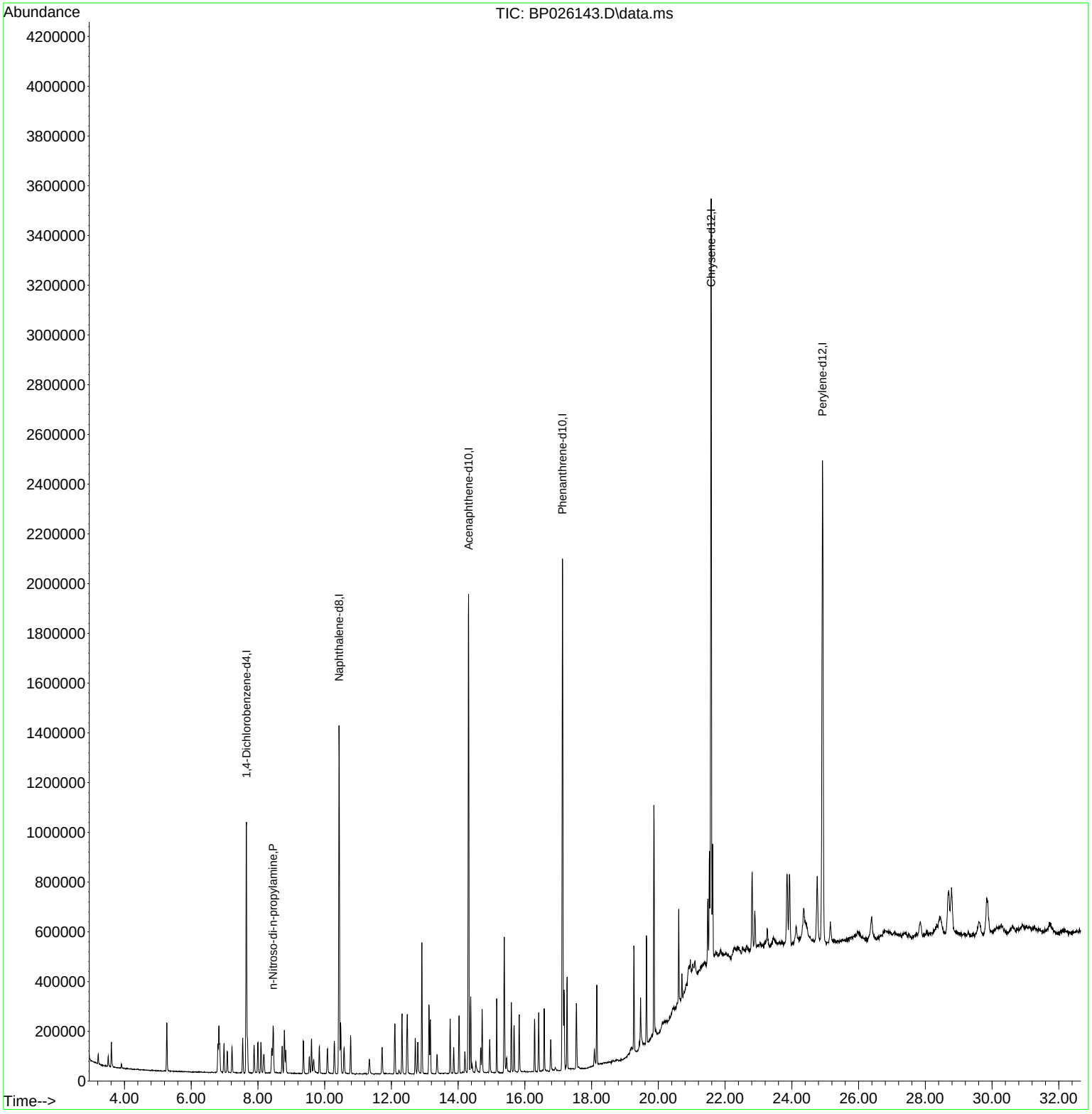
(#) = qualifier out of range (m) = manual integration (+) = signals summed

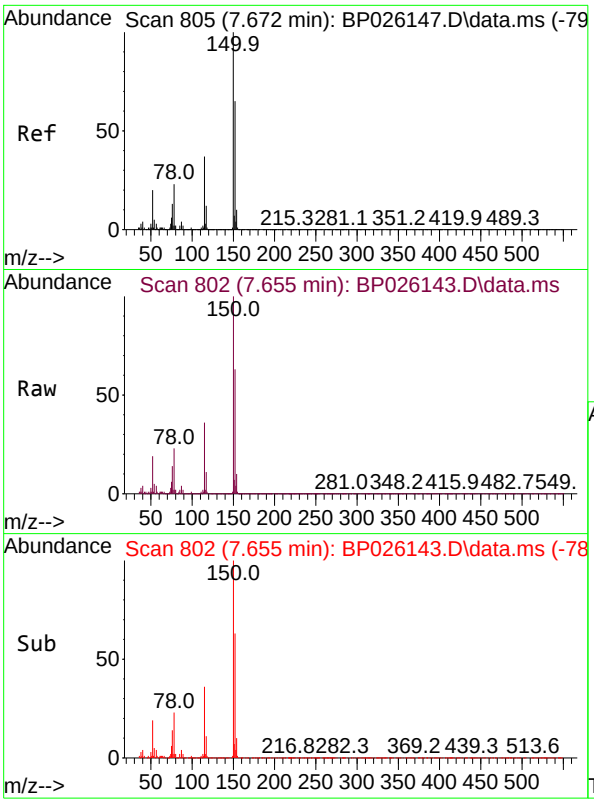
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026143.D
Acq On : 18 Nov 2025 14:31
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Nov 19 00:37:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration



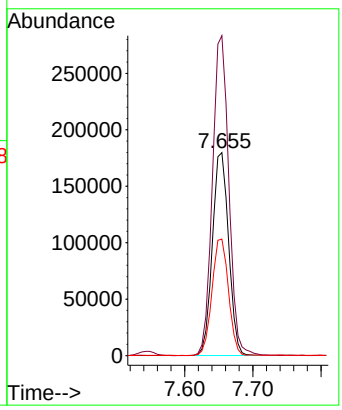


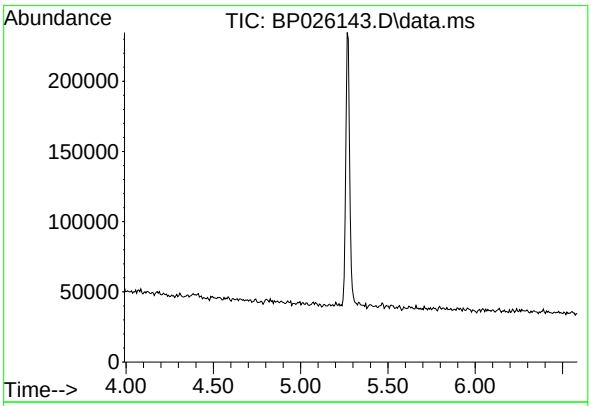
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.655 min Scan# 80
Delta R.T. -0.017 min
Lab File: BP026143.D
Acq: 18 Nov 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:152 Resp: 296435

Ion	Ratio	Lower	Upper
152	100		
150	157.7	123.0	184.6
115	57.5	46.3	69.5



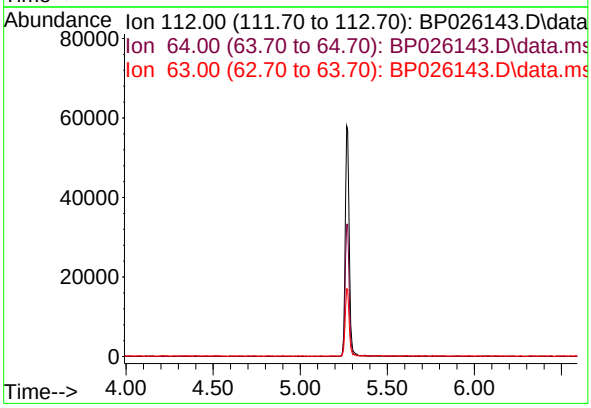


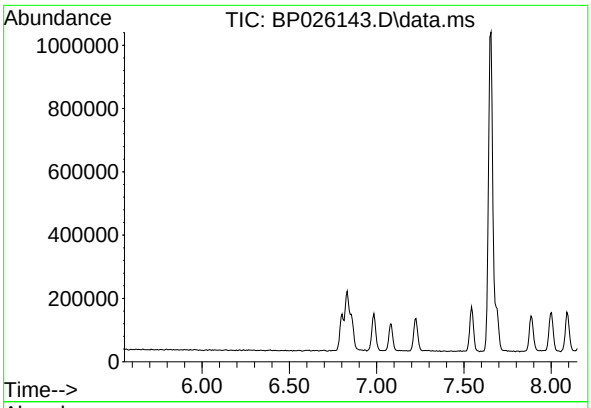
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.29 min

Lab File: BP026143.D
Acq: 18 Nov 2025 14:31

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	57.2
63	29.4





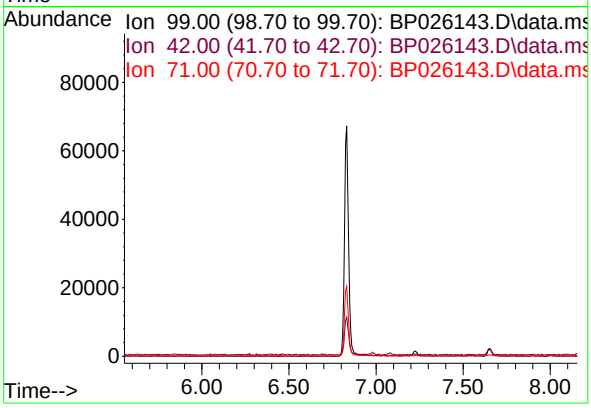
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.85 min

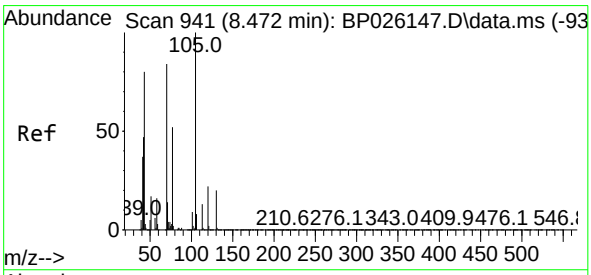
Lab File: BP026143.D
Acq: 18 Nov 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion: 99

Sig	Exp Ratio
99	100
42	16.1
71	31.0

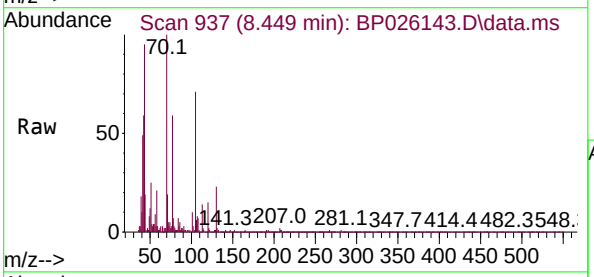


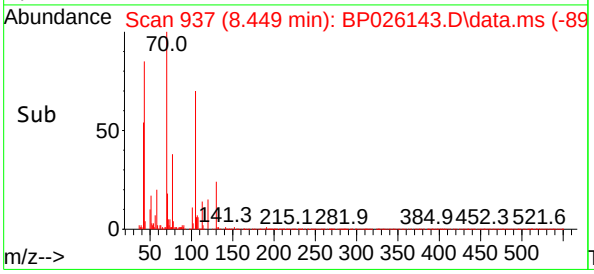


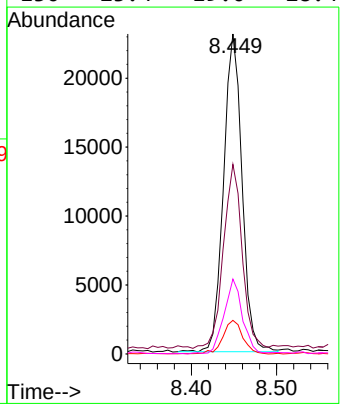
#19
n-Nitroso-di-n-propylamine
Concen: 2.457 ng
RT: 8.449 min Scan# 937
Delta R.T. -0.023 min
Lab File: BP026143.D
Acq: 18 Nov 2025 14:31

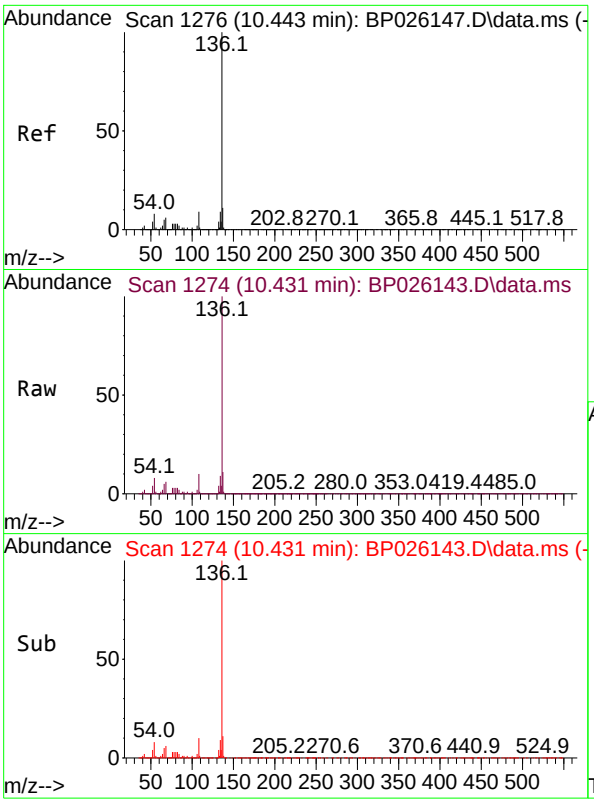
Tgt Ion: 70 Resp: 34712

Ion	Ratio	Lower	Upper
70	100		
42	59.2	44.1	66.1
101	10.5	8.2	12.4
130	23.4	19.0	28.4







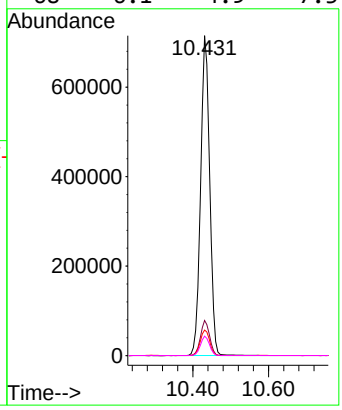


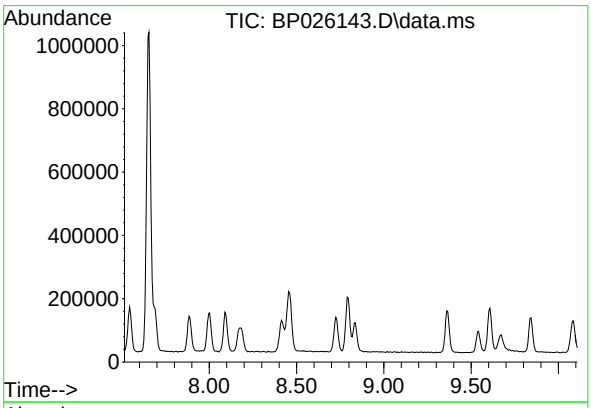
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.431 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP026143.D
Acq: 18 Nov 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 1184362

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	8.0	6.4	9.6
68	6.1	4.9	7.3



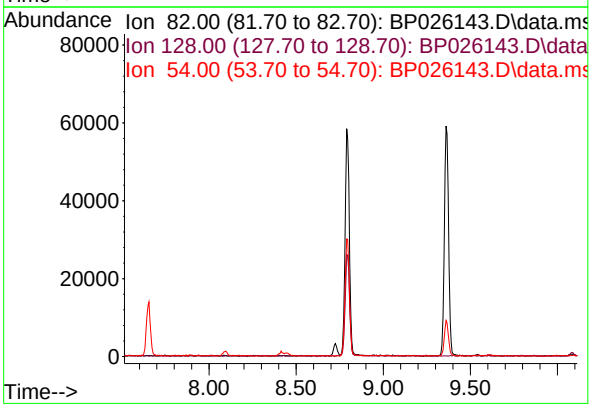


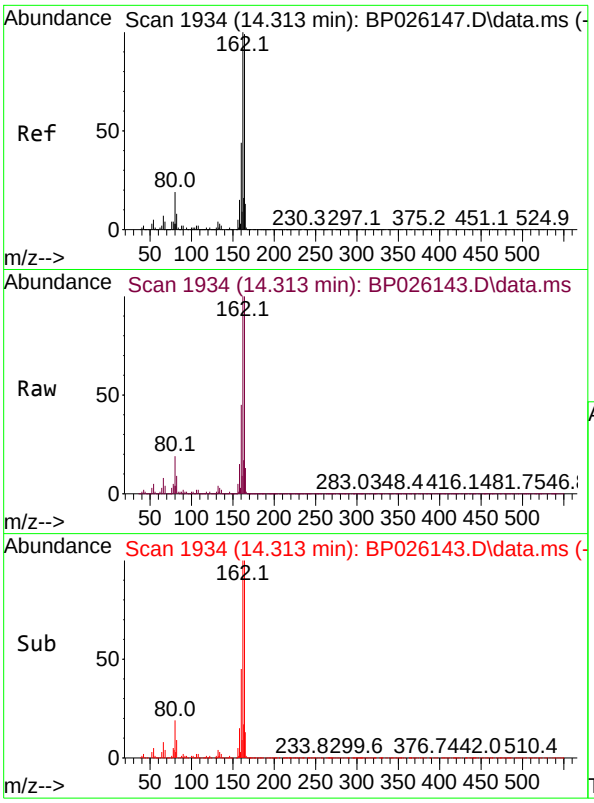
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 8.81 min

Lab File: BP026143.D
Acq: 18 Nov 2025 14:31

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	46.7
54	52.0



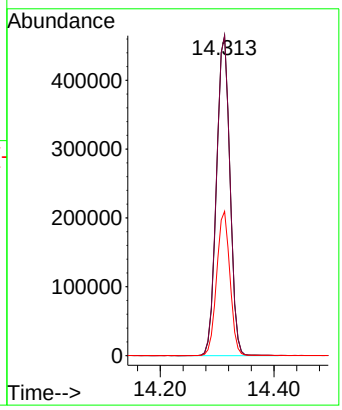


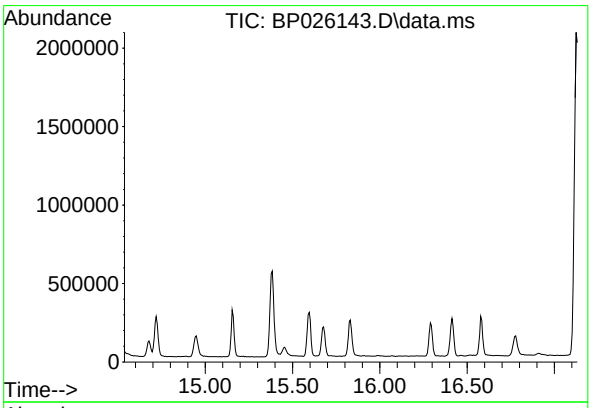
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 19
Delta R.T. -0.012 min
Lab File: BP026143.D
Acq: 18 Nov 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 759057

Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.3	120.5
160	45.1	35.2	52.8



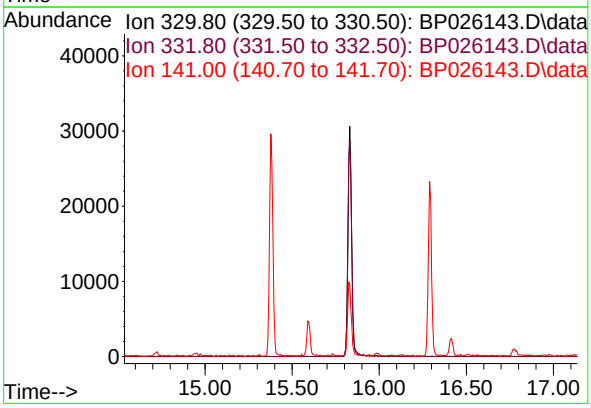


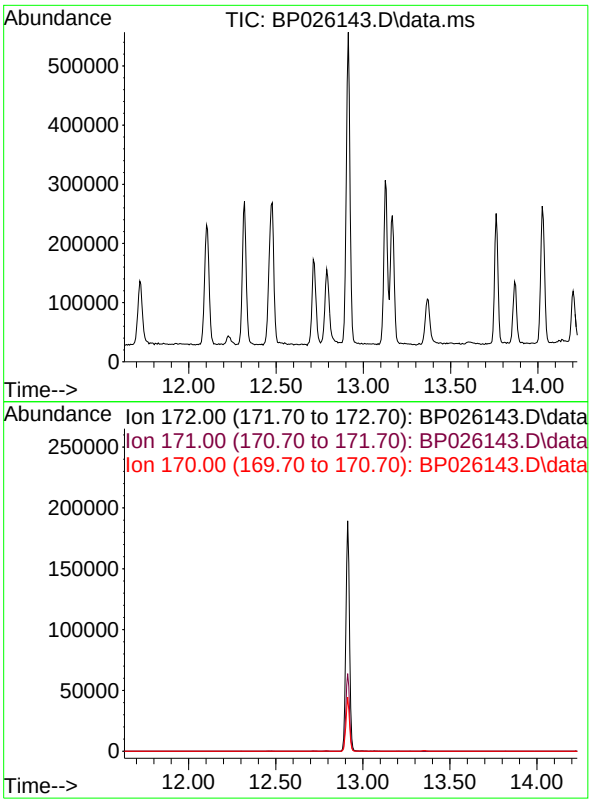
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 15.84 min

Lab File: BP026143.D
Acq: 18 Nov 2025 14:31

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	97.5
141	33.5





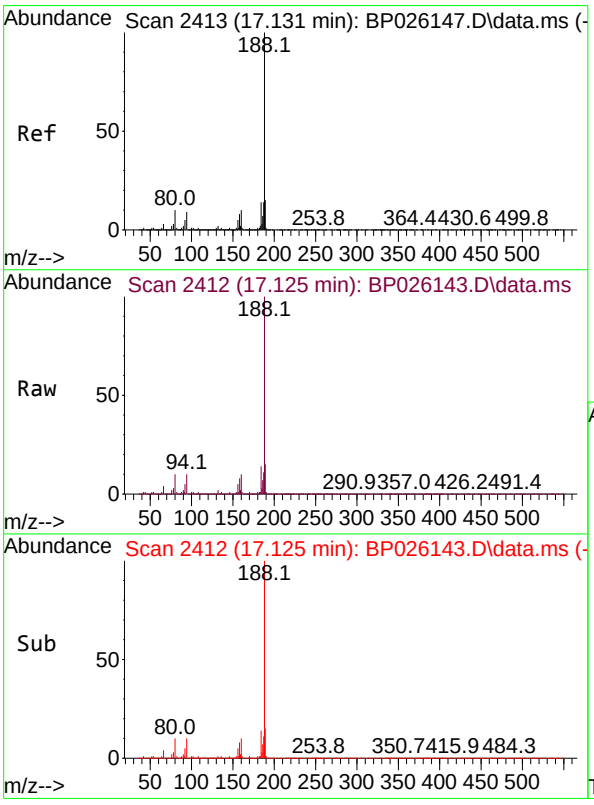
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 12.93 min

Lab File: BP026143.D
Acq: 18 Nov 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

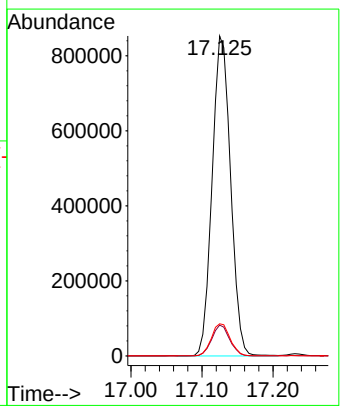
Sig	Exp Ratio
172	100
171	35.3
170	23.4

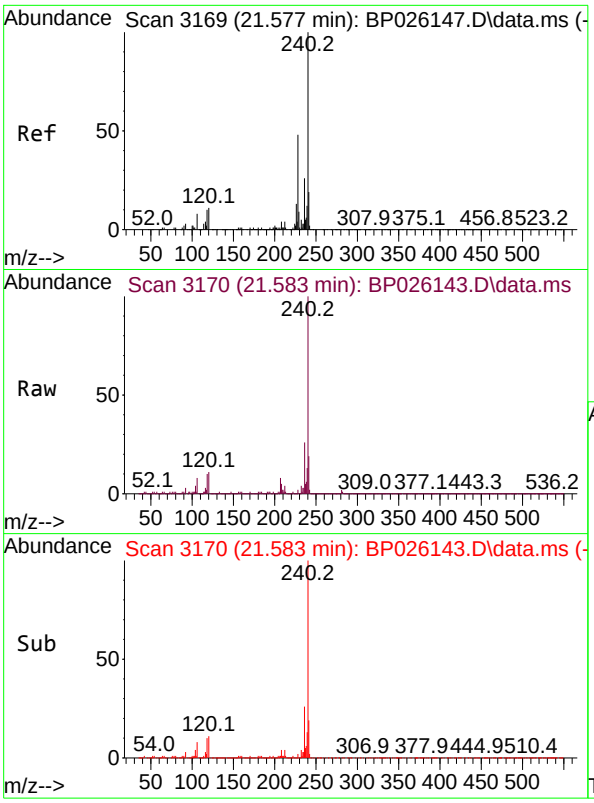


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BP026143.D
Acq: 18 Nov 2025 14:31

Tgt Ion:188 Resp: 1539519

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.8	11.6
80	10.0	8.2	12.2



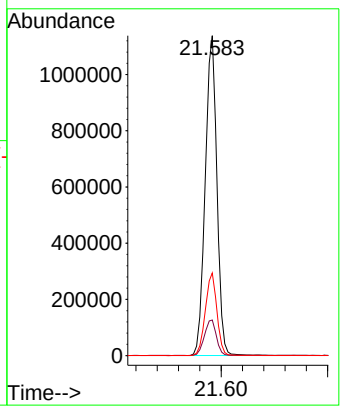


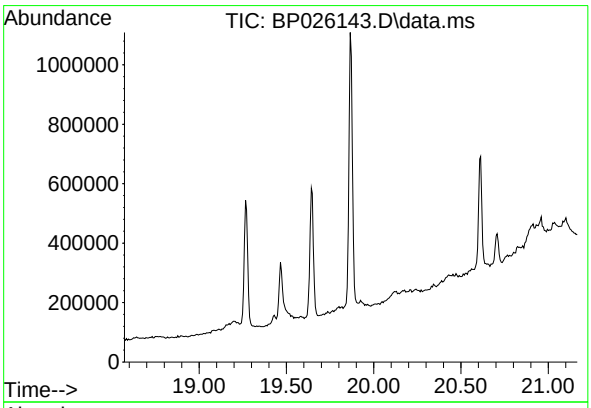
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP026143.D
Acq: 18 Nov 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:240 Resp: 1732194

Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.0	13.4
236	25.8	20.4	30.6



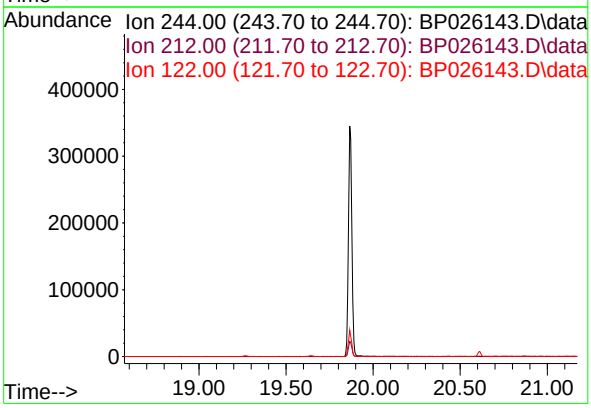


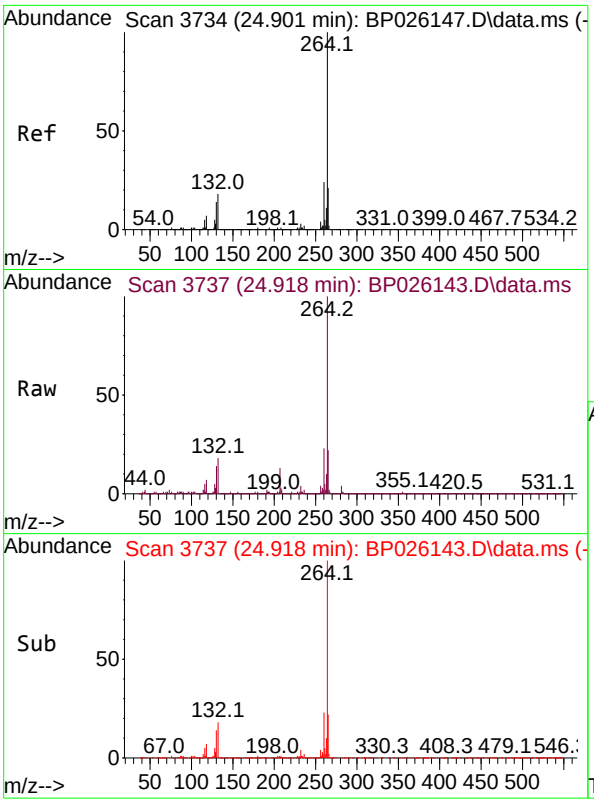
#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.87 min

Lab File: BP026143.D
Acq: 18 Nov 2025 14:31

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	7.3
122	10.2



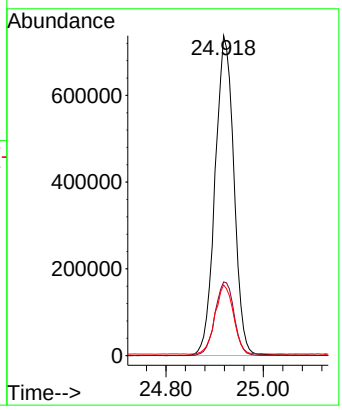


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.918 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP026143.D
Acq: 18 Nov 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 1973418

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	22.1	17.5	26.3



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026144.D
Acq On : 18 Nov 2025 15:12
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Quant Time: Nov 19 00:38:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.672	152	261259	20.000	ng		0.00
21) Naphthalene-d8	10.437	136	1023584	20.000	ng		-0.01
39) Acenaphthene-d10	14.313	164	643620	20.000	ng		-0.01
64) Phenanthrene-d10	17.131	188	1346698	20.000	ng		0.00
76) Chrysene-d12	21.583	240	1560462	20.000	ng		0.01
86) Perylene-d12	24.918	264	1801943	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.290	112	155849	9.842	ng		0.00
7) Phenol-d6	6.849	99	191404	9.528	ng		0.00
23) Nitrobenzene-d5	8.807	82	171702	10.379	ng		0.00
42) 2,4,6-Tribromophenol	15.831	330	77590	11.005	ng		0.00
45) 2-Fluorobiphenyl	12.919	172	460038	10.313	ng		-0.01
79) Terphenyl-d14	19.872	244	798858	10.439	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.220	88	33093	4.981	ng		96
3) Pyridine	3.620	79	91499	4.844	ng		97
6) Aniline	7.002	93	127562	4.764	ng		98
8) 2-Chlorophenol	7.243	128	86099	4.908	ng		99
10) Phenol	6.872	94	102514	4.615	ng		96
11) bis(2-Chloroethyl)ether	7.096	93	81759	4.649	ng		99
12) 1,3-Dichlorobenzene	7.561	146	98674	4.925	ng		99
13) 1,4-Dichlorobenzene	7.708	146	97655	4.815	ng		99
14) 1,2-Dichlorobenzene	8.019	146	94897	4.899	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.190	45	115566	4.387	ng		95
17) 2-Methylphenol	8.108	107	69679	4.771	ng		97
18) Hexachloroethane	8.743	117	34390	4.908	ng		97
19) n-Nitroso-di-n-propyla...	8.466	70	58743	4.718	ng		99
22) Acetophenone	8.478	105	127156	4.927	ng	#	99
24) Nitrobenzene	8.849	77	86731	5.006	ng		99
25) Isophorone	9.378	82	167606	4.787	ng		99
26) 2-Nitrophenol	9.555	139	38871	6.573	ng		98
27) 2,4-Dimethylphenol	9.625	122	78015	5.220	ng		98
28) bis(2-Chloroethoxy)met...	9.849	93	108845	4.925	ng		99
29) 2,4-Dichlorophenol	10.090	162	76304	4.893	ng		97
30) 1,2,4-Trichlorobenzene	10.302	180	84591	5.002	ng		94
31) Naphthalene	10.484	128	276491	4.976	ng		99
33) 4-Chloroaniline	10.590	127	109680	5.080	ng		100
34) Hexachlorobutadiene	10.784	225	54446	5.030	ng		99
36) 4-Chloro-3-methylphenol	11.731	107	80314	4.924	ng		96
37) 2-Methylnaphthalene	12.107	142	187351	4.822	ng		98
38) 1-Methylnaphthalene	12.337	142	187981	4.977	ng		99
40) 1,2,4,5-Tetrachloroben...	12.478	216	97644	4.903	ng		99
43) 2,4,6-Trichlorophenol	12.725	196	61137	5.131	ng		98
44) 2,4,5-Trichlorophenol	12.796	196	68937	5.093	ng		97
46) 1,1'-Biphenyl	13.131	154	241240	4.917	ng		97
47) 2-Chloronaphthalene	13.166	162	187850	4.870	ng		99
48) 2-Nitroaniline	13.378	65	46485	5.239	ng		90
49) Acenaphthylene	14.031	152	304102	5.334	ng		99
50) Dimethylphthalate	13.766	163	236591	5.077	ng		100
51) 2,6-Dinitrotoluene	13.872	165	37885	4.835	ng		91

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026144.D
Acq On : 18 Nov 2025 15:12
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Quant Time: Nov 19 00:38:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) Acenaphthene	14.378	154	183221	4.803	ng		98
53) 3-Nitroaniline	14.201	138	46080	4.861	ng	#	97
55) Dibenzofuran	14.725	168	286273	4.928	ng		99
57) 2,4-Dinitrotoluene	14.678	165	58186	5.089	ng		97
58) Fluorene	15.384	166	232855	5.102	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.954	232	58158	5.425	ng		99
60) Diethylphthalate	15.160	149	240172	5.123	ng		100
61) 4-Chlorophenyl-phenyle...	15.384	204	115474	5.076	ng		97
62) 4-Nitroaniline	15.395	138	50292	5.003	ng		97
63) Azobenzene	15.678	77	193050	4.580	ng		99
66) n-Nitrosodiphenylamine	15.595	169	201167	4.795	ng		99
67) 4-Bromophenyl-phenylether	16.301	248	69962	4.680	ng		98
68) Hexachlorobenzene	16.413	284	81728	4.805	ng		97
69) Atrazine	16.589	200	73147	5.086	ng		99
71) Phenanthrene	17.178	178	379854	4.882	ng		100
72) Anthracene	17.266	178	377623	4.865	ng		99
73) Carbazole	17.554	167	364556	4.990	ng		100
74) Di-n-butylphthalate	18.148	149	410422	4.968	ng		100
75) Fluoranthene	19.266	202	465623	5.107	ng		100
78) Pyrene	19.642	202	493981	4.740	ng		100
80) Butylbenzylphthalate	20.613	149	212828	6.092	ng		100
81) Benzo(a)anthracene	21.560	228	535793	5.028	ng		99
83) Chrysene	21.630	228	506265	5.012	ng		99
84) Bis(2-ethylhexyl)phtha...	21.524	149	328471	5.749	ng		99
87) Indeno(1,2,3-cd)pyrene	28.677	276	649473	4.913	ng		99
88) Benzo(b)fluoranthene	23.854	252	535938	4.848	ng		100
89) Benzo(k)fluoranthene	23.930	252	543312	4.807	ng		99
90) Benzo(a)pyrene	24.754	252	504836	4.939	ng		99
91) Dibenzo(a,h)anthracene	28.777	278	530340	4.920	ng		99
92) Benzo(g,h,i)perylene	29.853	276	529220	5.083	ng		99

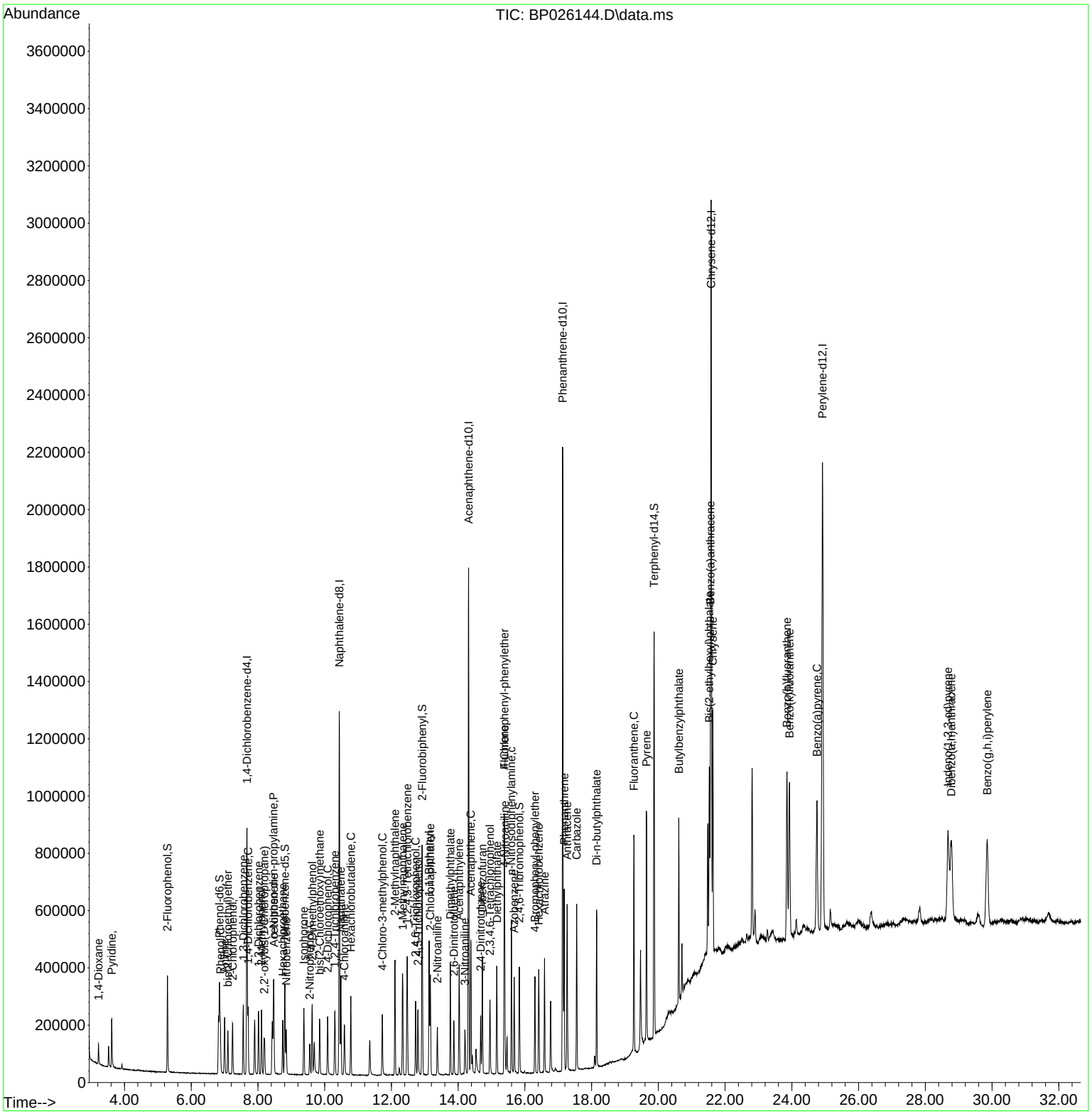
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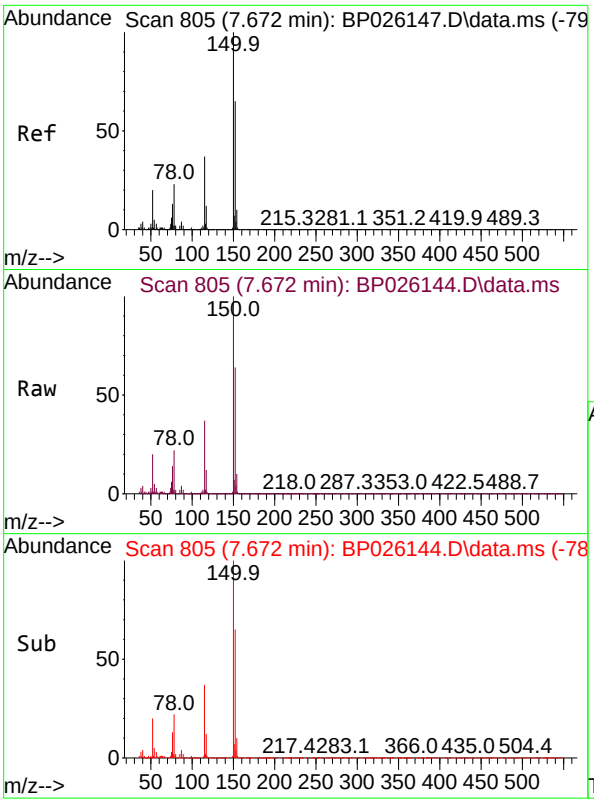
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026144.D
Acq On : 18 Nov 2025 15:12
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Quant Time: Nov 19 00:38:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration



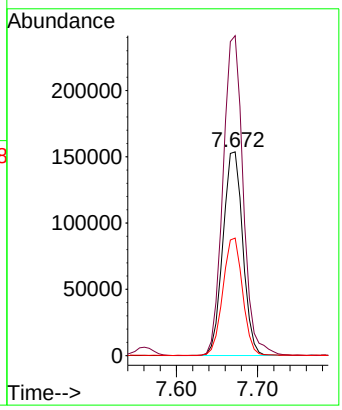


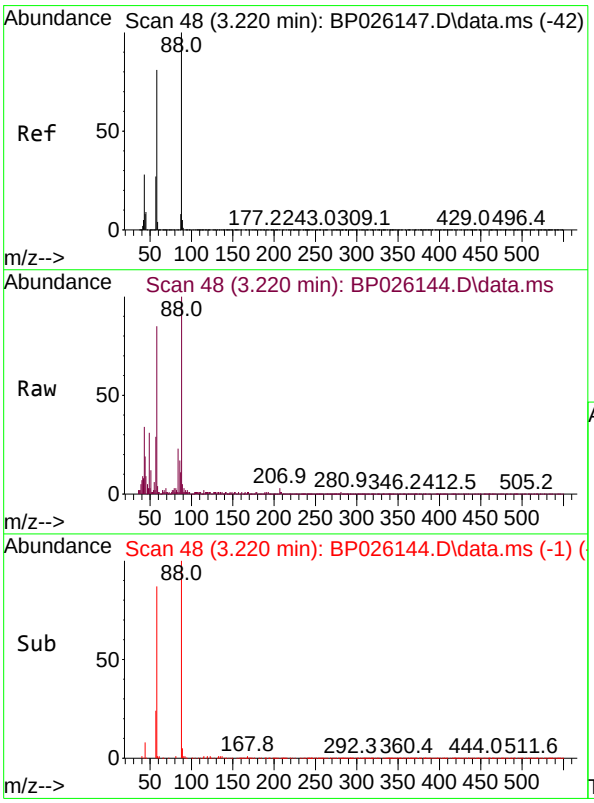
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 261259

Ion	Ratio	Lower	Upper
152	100		
150	157.0	123.0	184.6
115	57.7	46.3	69.5

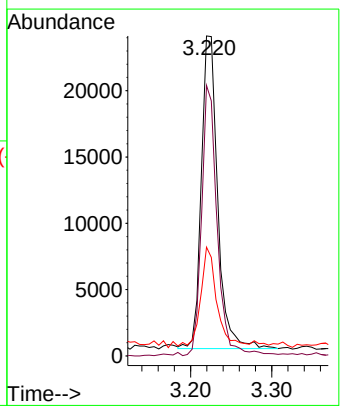


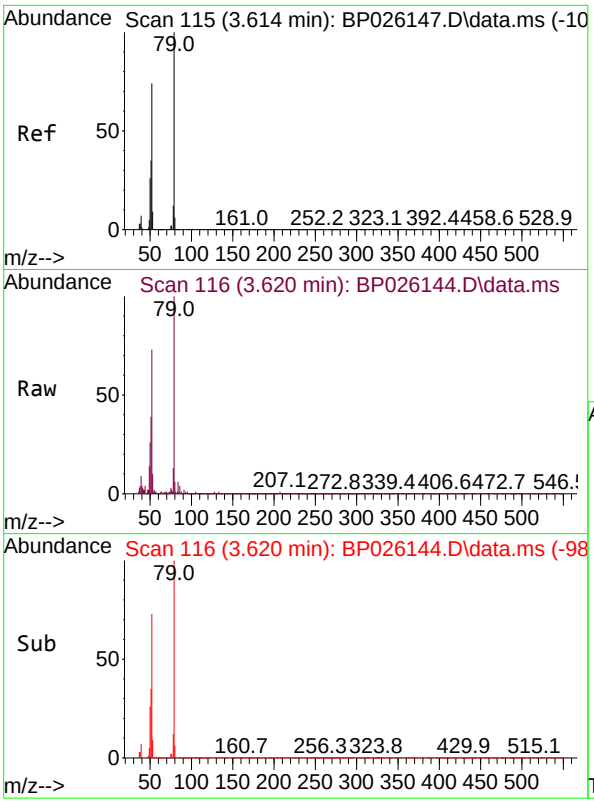


#2
1,4-Dioxane
Concen: 4.981 ng
RT: 3.220 min Scan# 48
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion: 88 Resp: 33093

Ion	Ratio	Lower	Upper
88	100		
58	82.3	64.2	96.4
43	30.9	21.5	32.3



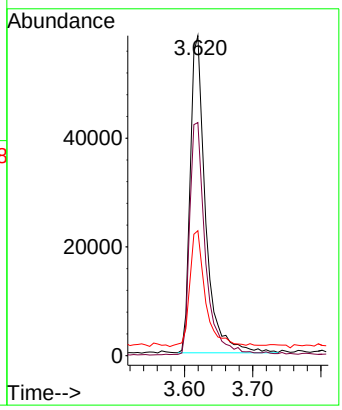


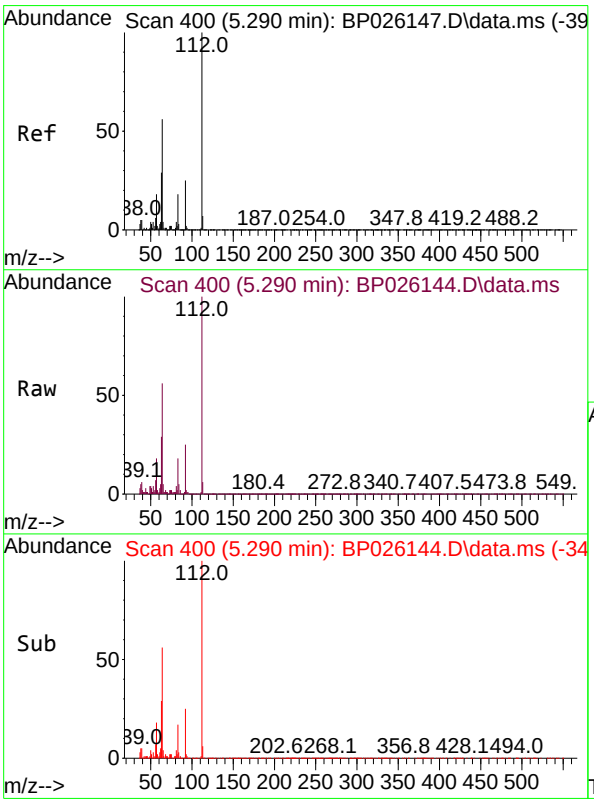
#3
Pyridine
Concen: 4.844 ng
RT: 3.620 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 79 Resp: 91499

Ion	Ratio	Lower	Upper
79	100		
52	72.8	60.2	90.2
51	39.0	29.5	44.3

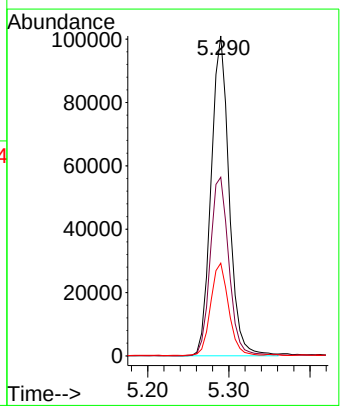


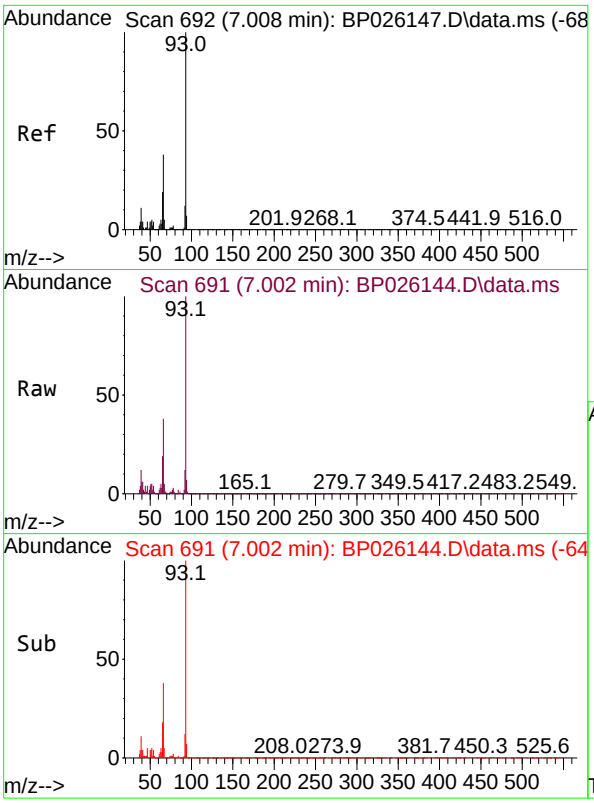


#5
2-Fluorophenol
Concen: 9.842 ng
RT: 5.290 min Scan# 400
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:112 Resp: 155849

Ion	Ratio	Lower	Upper
112	100		
64	55.8	45.8	68.6
63	29.0	23.5	35.3



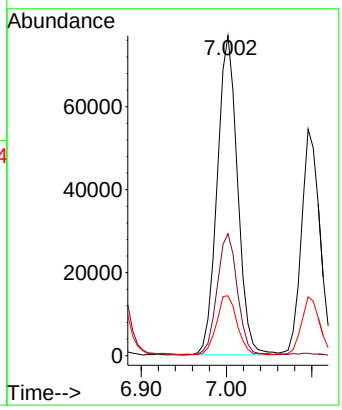


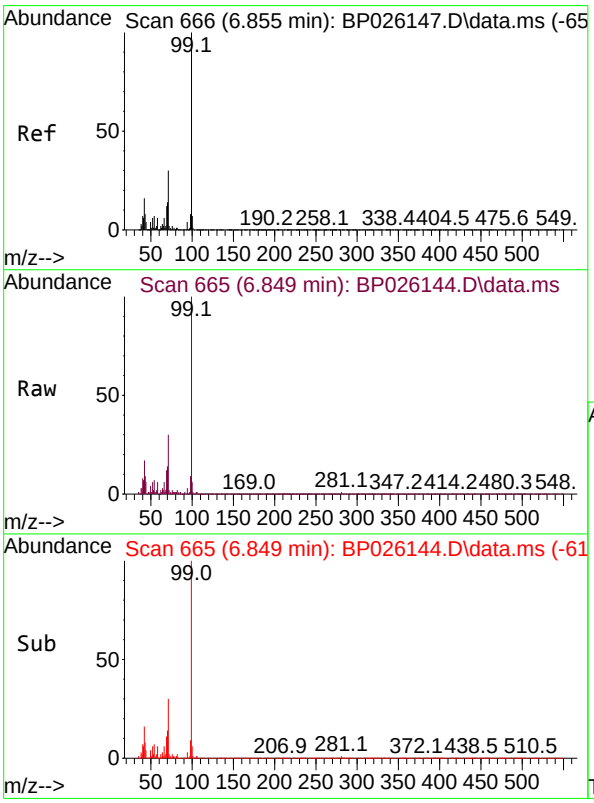
#6
Aniline
Concen: 4.764 ng
RT: 7.002 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 127562

Ion	Ratio	Lower	Upper
93	100		
66	38.1	31.7	47.5
65	18.7	15.8	23.6

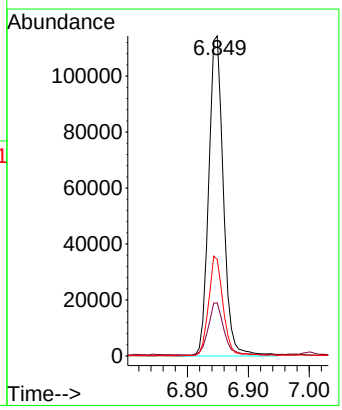


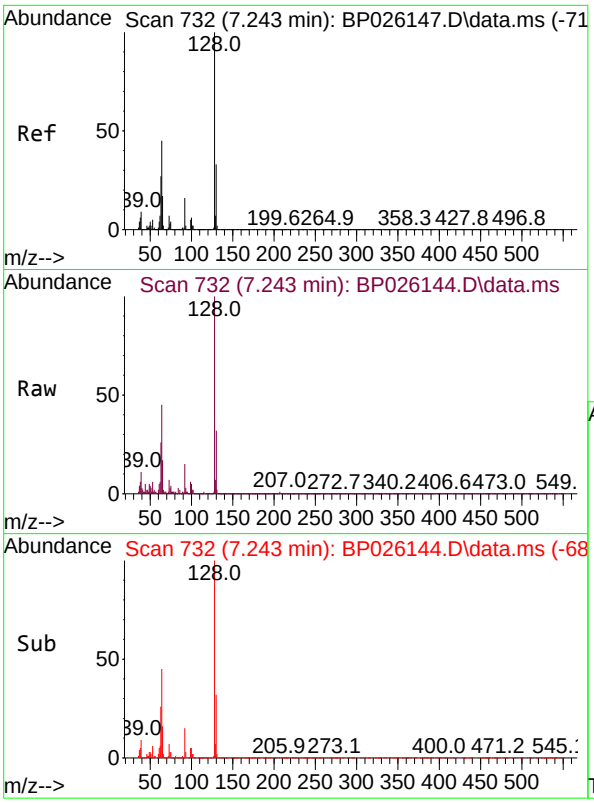


#7
Phenol-d6
Concen: 9.528 ng
RT: 6.849 min Scan# 665
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion: 99 Resp: 191404

Ion	Ratio	Lower	Upper
99	100		
42	16.6	12.9	19.3
71	30.2	24.8	37.2



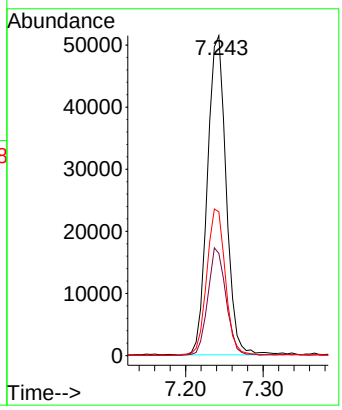


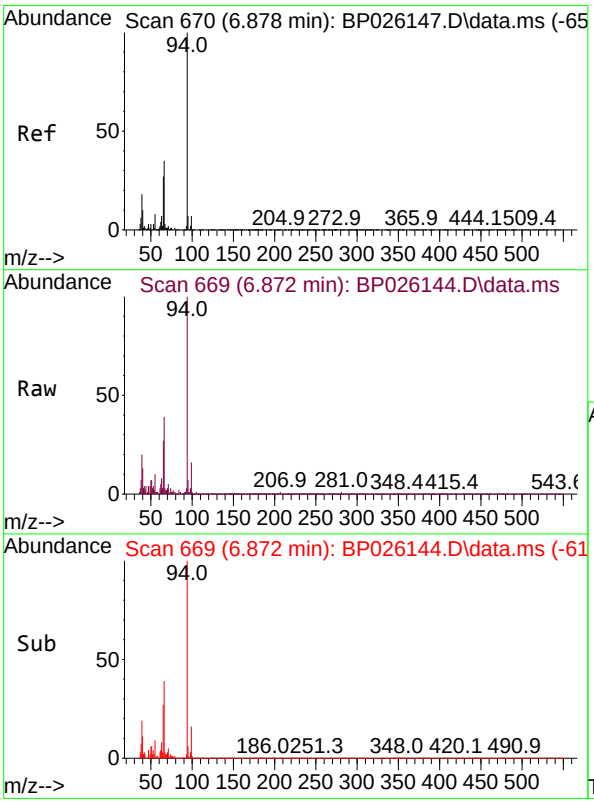
#8
2-Chlorophenol
Concen: 4.908 ng
RT: 7.243 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 86099

Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.4	52.4
64	44.9	23.9	63.9

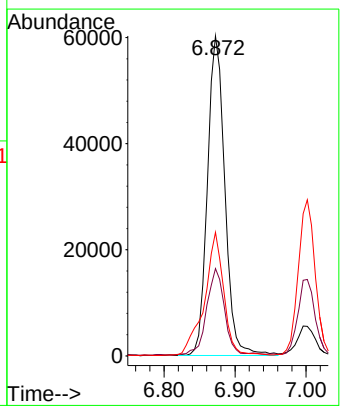


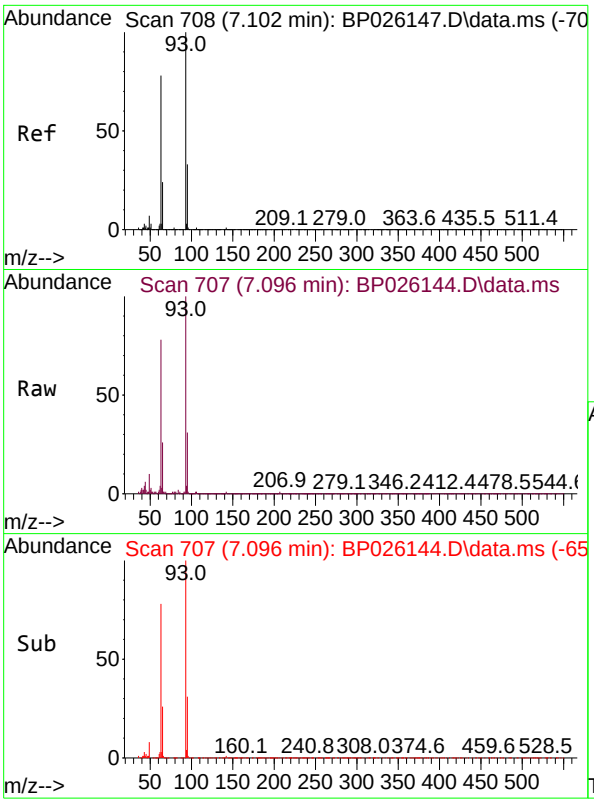


#10
Phenol
Concen: 4.615 ng
RT: 6.872 min Scan# 669
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion: 94 Resp: 102514

Ion	Ratio	Lower	Upper
94	100		
65	27.3	7.0	47.0
66	38.6	14.5	54.5



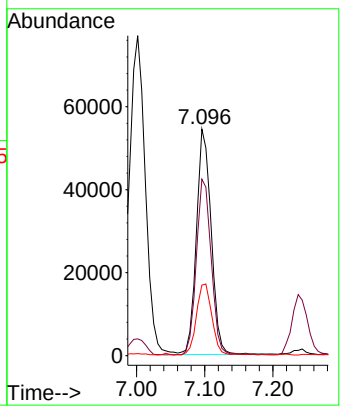


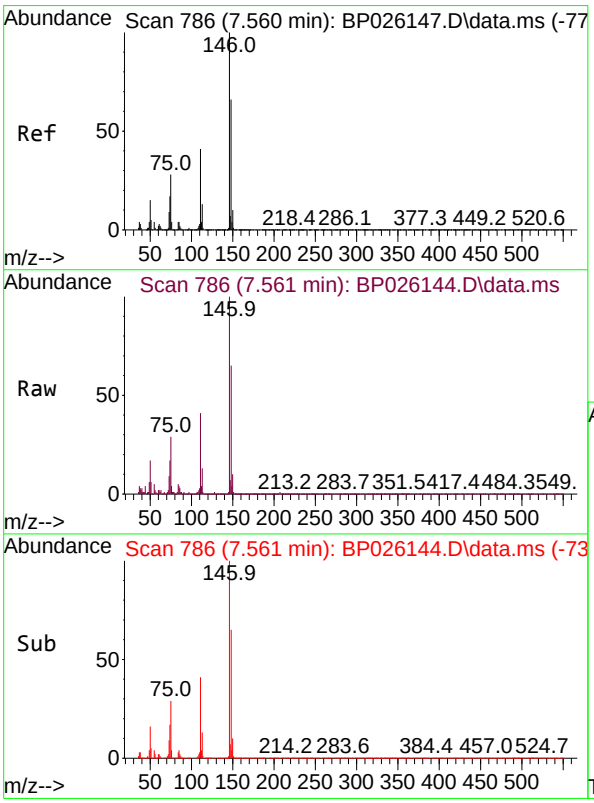
#11
bis(2-Chloroethyl)ether
Concen: 4.649 ng
RT: 7.096 min Scan# 7(
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 81759

Ion	Ratio	Lower	Upper
93	100		
63	77.9	58.8	98.8
95	31.1	12.1	52.1

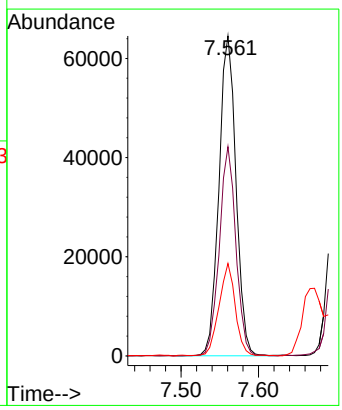


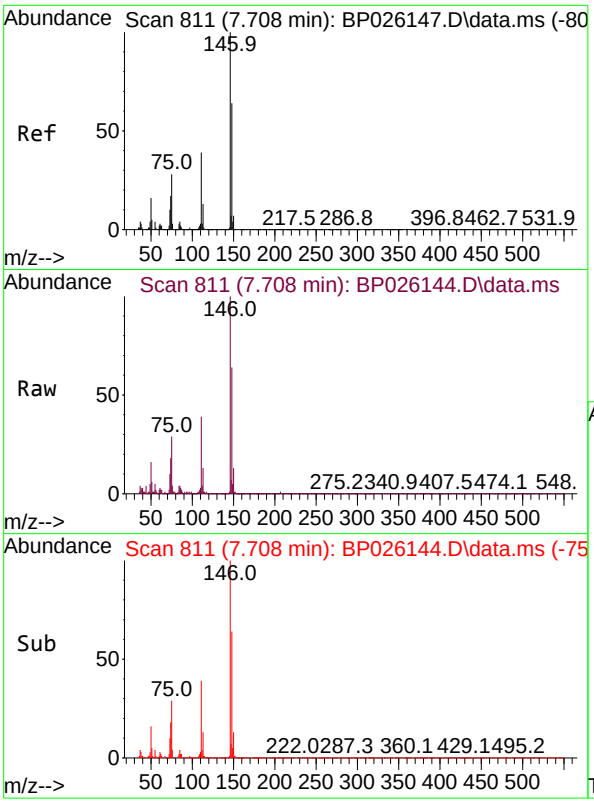


#12
1,3-Dichlorobenzene
Concen: 4.925 ng
RT: 7.561 min Scan# 786
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:146 Resp: 98674

Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.8	77.8
75	28.9	22.2	33.2



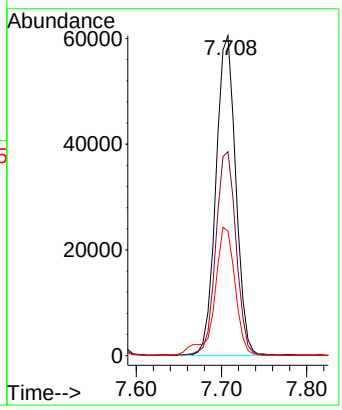


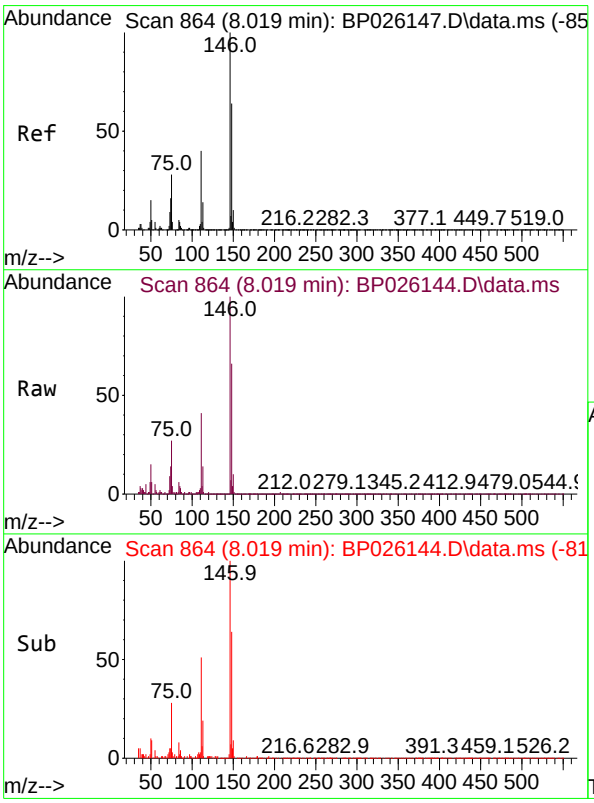
#13
1,4-Dichlorobenzene
Concen: 4.815 ng
RT: 7.708 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:146 Resp: 97655

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.4	77.2
111	38.9	31.7	47.5

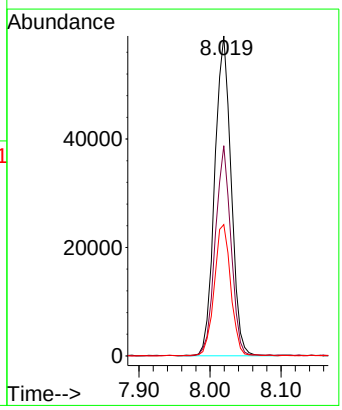


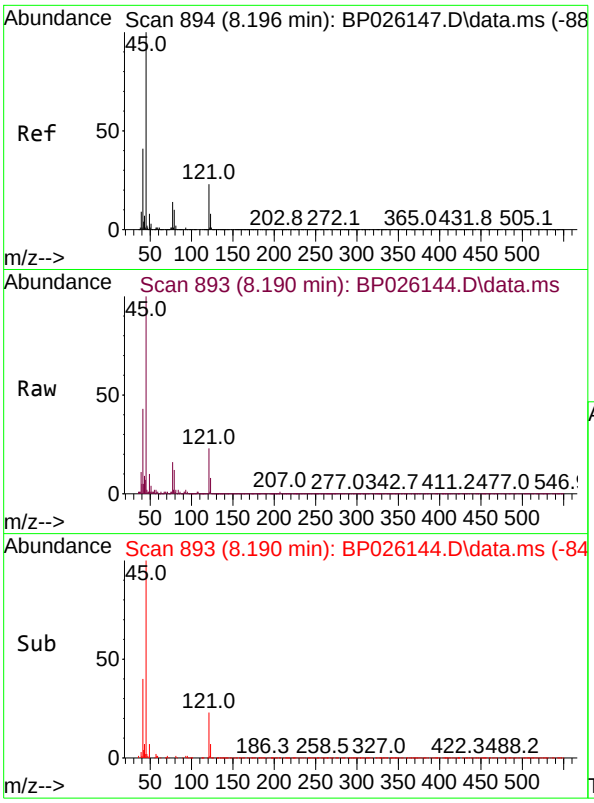


#14
1,2-Dichlorobenzene
Concen: 4.899 ng
RT: 8.019 min Scan# 864
Delta R.T. 0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:146 Resp: 94897

Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.0	76.6
111	41.0	33.0	49.4



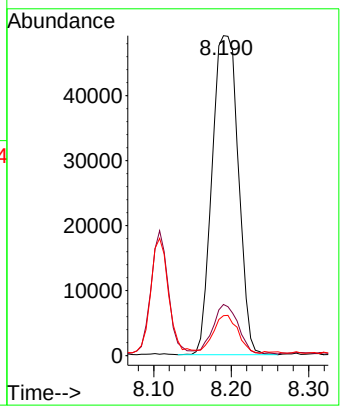


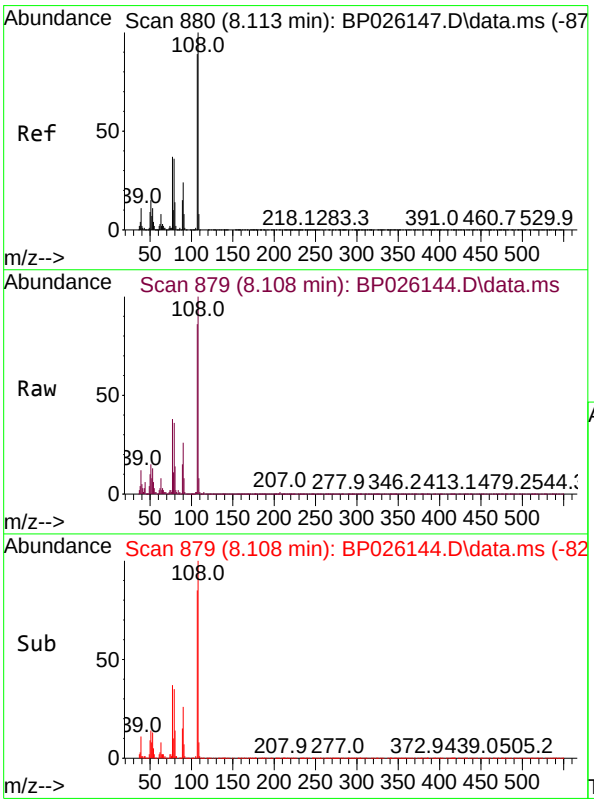
#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.387 ng
RT: 8.190 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 45 Resp: 115566

Ion	Ratio	Lower	Upper
45	100		
77	16.0	0.0	33.9
79	12.5	0.0	30.4

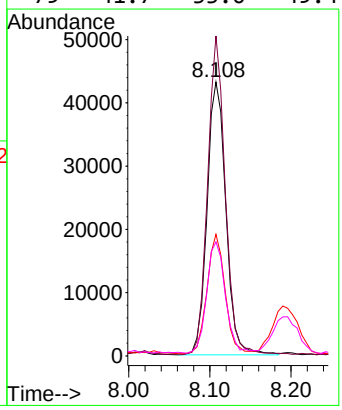


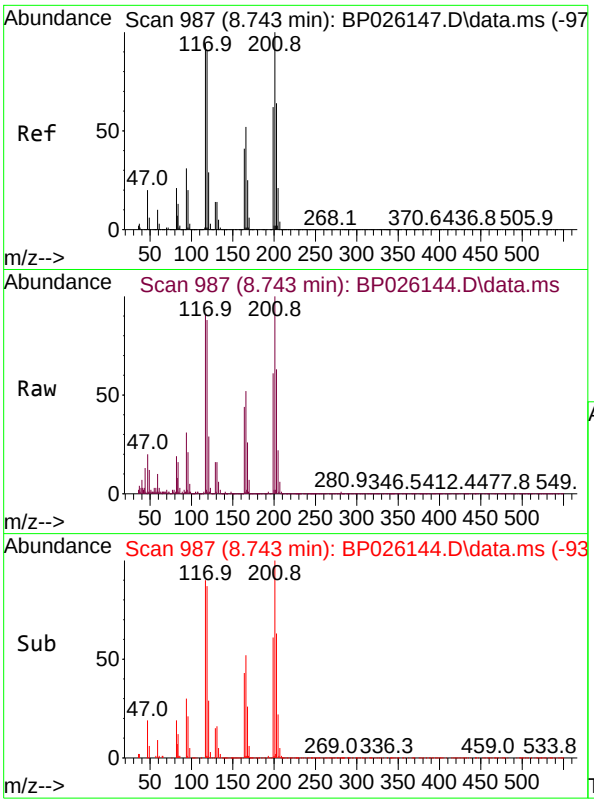


#17
2-Methylphenol
Concen: 4.771 ng
RT: 8.108 min Scan# 879
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:107 Resp: 69679

Ion	Ratio	Lower	Upper
107	100		
108	116.9	89.7	134.5
77	44.4	33.9	50.9
79	41.7	33.0	49.4



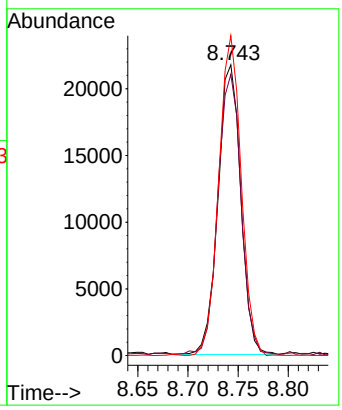


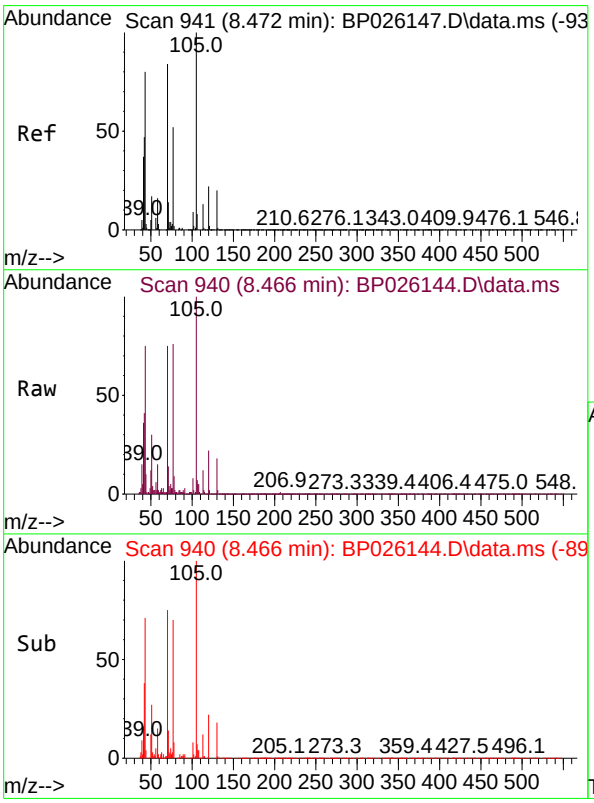
#18
Hexachloroethane
Concen: 4.908 ng
RT: 8.743 min Scan# 98
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:117 Resp: 34390

Ion	Ratio	Lower	Upper
117	100		
119	96.7	78.7	118.1
201	110.0	85.1	127.7

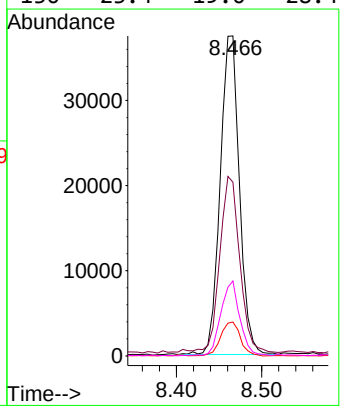


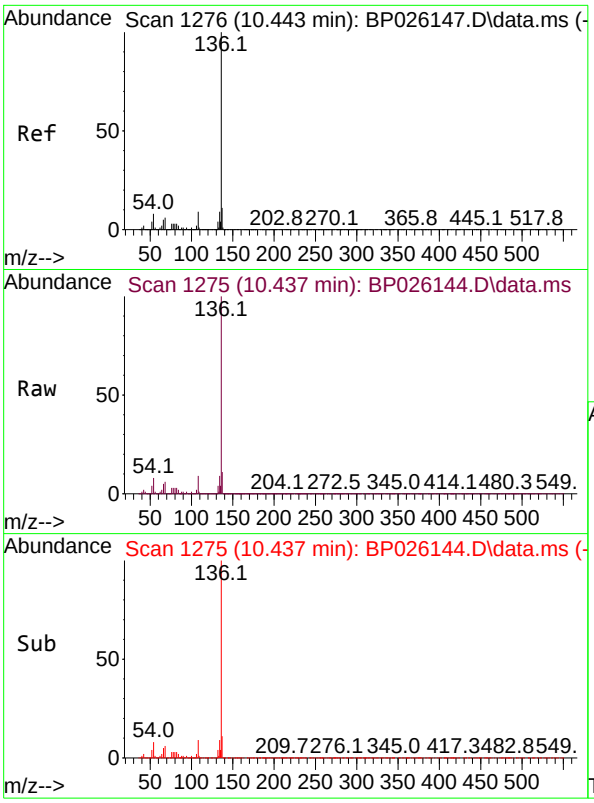


#19
n-Nitroso-di-n-propylamine
Concen: 4.718 ng
RT: 8.466 min Scan# 940
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion: 70 Resp: 58743

Ion	Ratio	Lower	Upper
70	100		
42	54.3	44.1	66.1
101	10.6	8.2	12.4
130	23.4	19.0	28.4



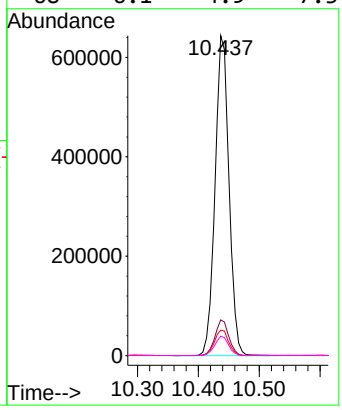


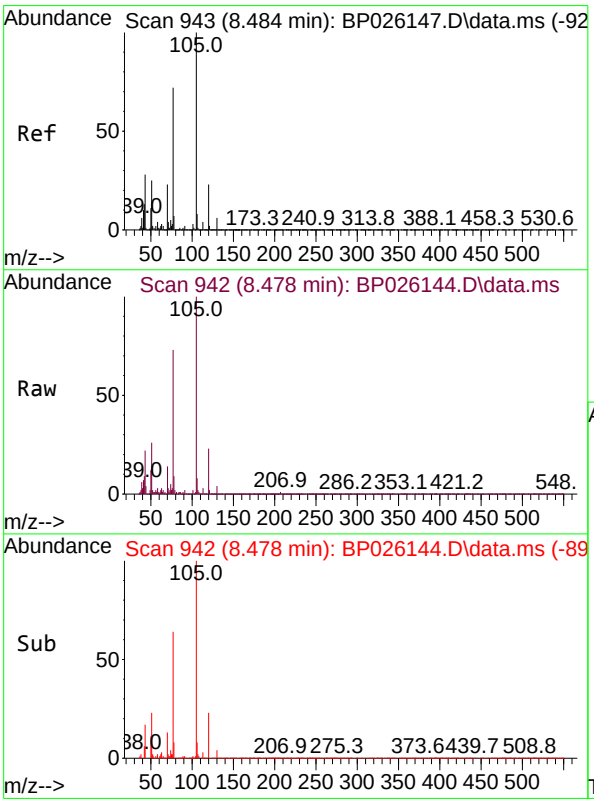
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.437 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:136 Resp: 1023584

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	8.0	6.4	9.6
68	6.1	4.9	7.3

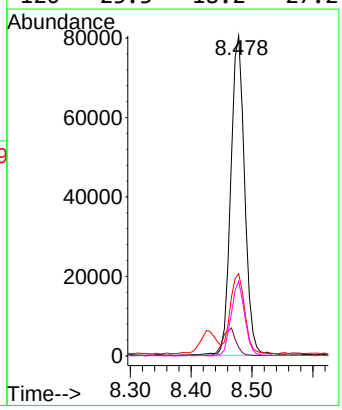


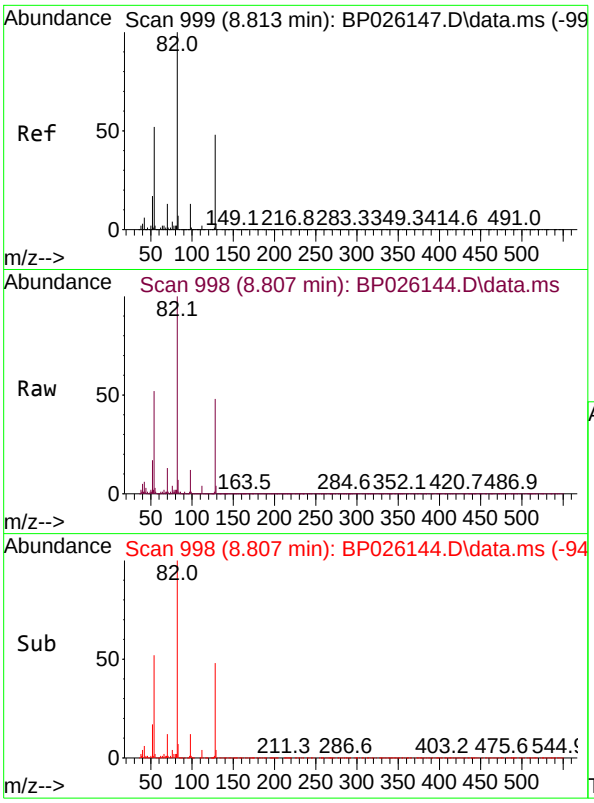


#22
Acetophenone
Concen: 4.927 ng
RT: 8.478 min Scan# 942
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:105 Resp: 127156

Ion	Ratio	Lower	Upper
105	100		
71	2.7	3.0	4.4#
51	25.7	20.5	30.7
120	23.3	18.2	27.2



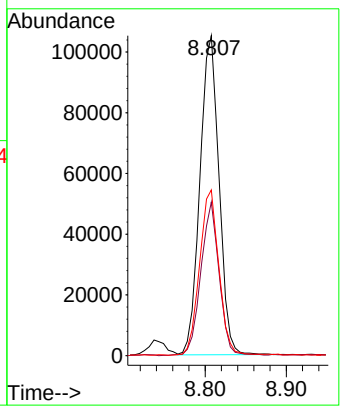


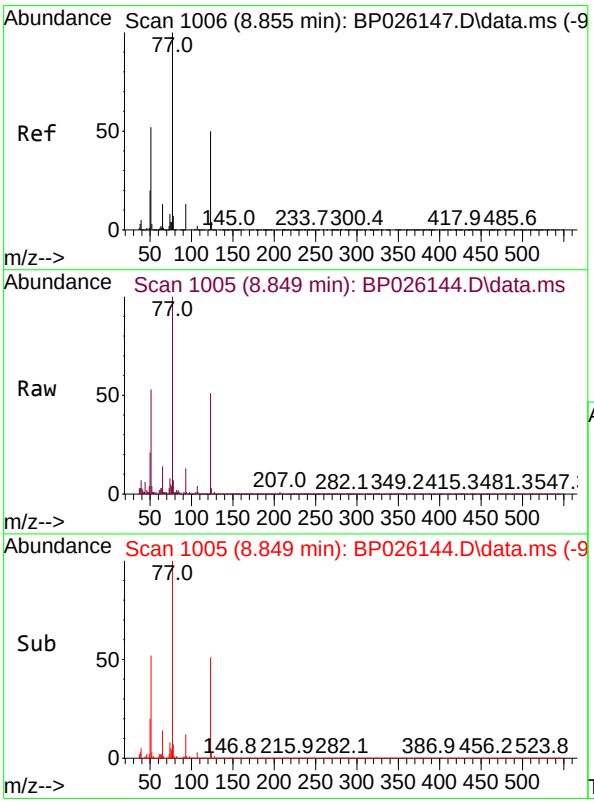
#23
Nitrobenzene-d5
Concen: 10.379 ng
RT: 8.807 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 171702

Ion	Ratio	Lower	Upper
82	100		
128	48.0	37.4	56.0
54	51.8	41.6	62.4

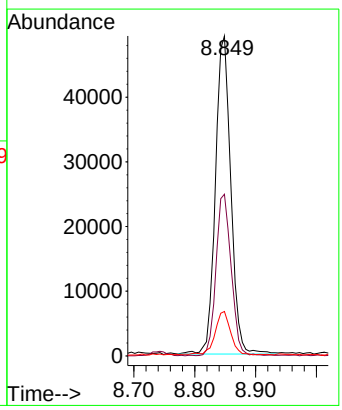


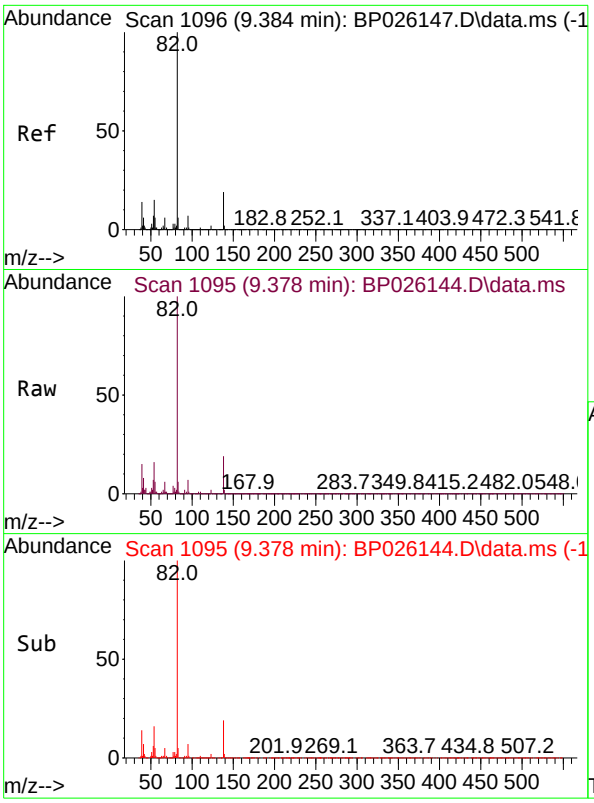


#24
Nitrobenzene
Concen: 5.006 ng
RT: 8.849 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion: 77 Resp: 86731

Ion	Ratio	Lower	Upper
77	100		
123	50.5	39.8	59.8
65	13.9	11.2	16.8



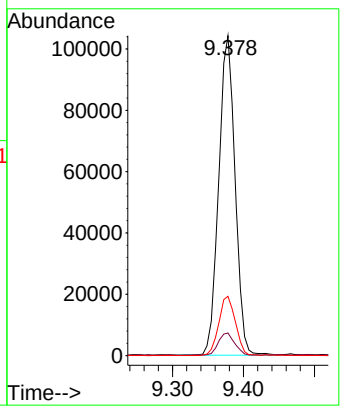


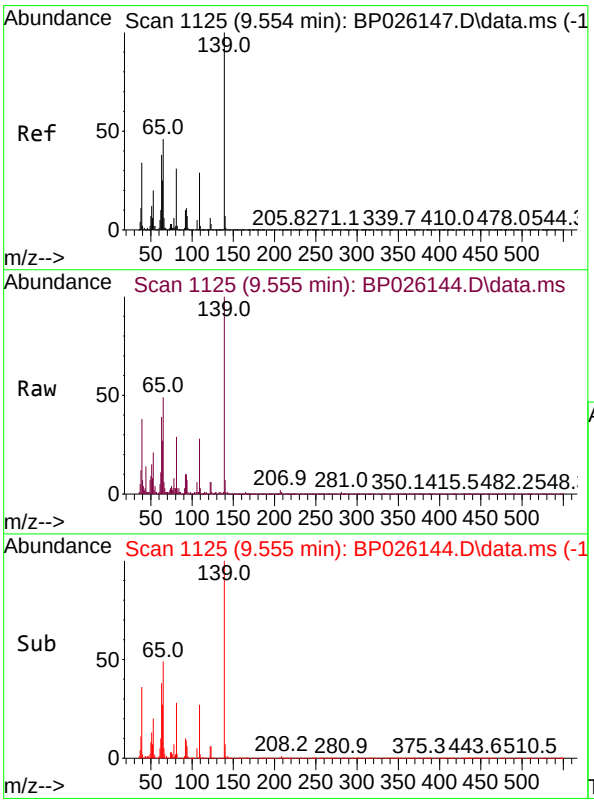
#25
Isophorone
Concen: 4.787 ng
RT: 9.378 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 167606

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.4	8.0
138	18.5	15.4	23.0

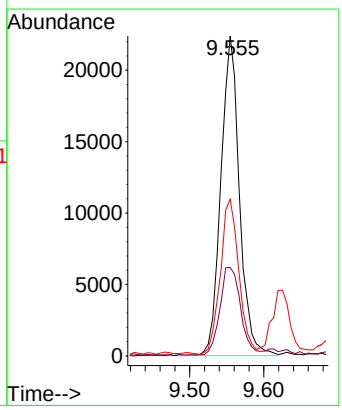


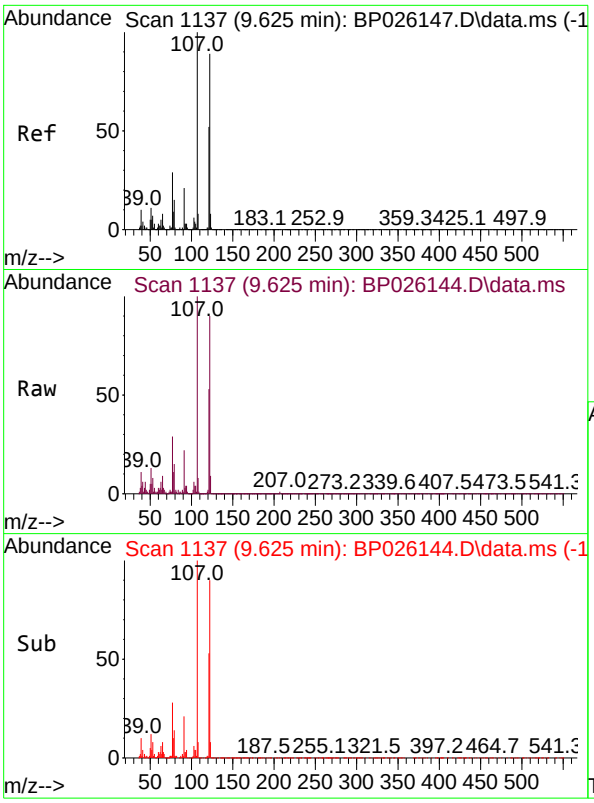


#26
2-Nitrophenol
Concen: 6.573 ng
RT: 9.555 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:139 Resp: 38871

Ion	Ratio	Lower	Upper
139	100		
109	27.6	22.3	33.5
65	48.9	37.2	55.8



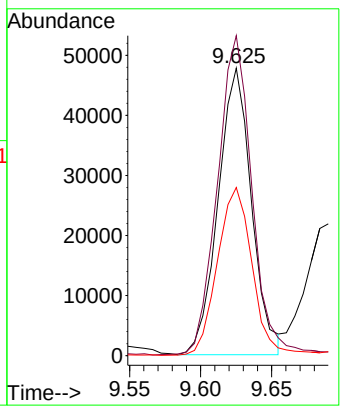


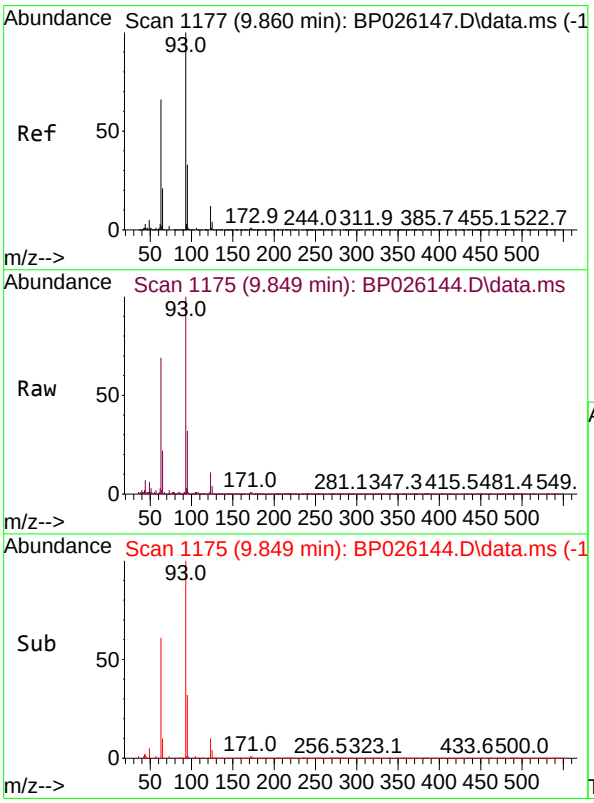
#27
2,4-Dimethylphenol
Concen: 5.220 ng
RT: 9.625 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:122 Resp: 78015

Ion	Ratio	Lower	Upper
122	100		
107	111.3	91.0	136.6
121	58.5	47.0	70.6

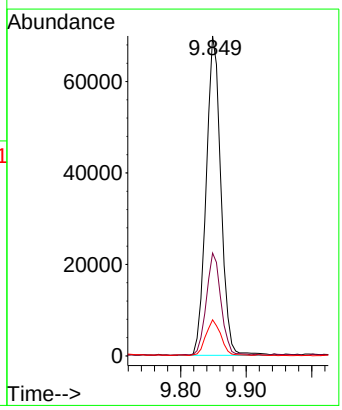


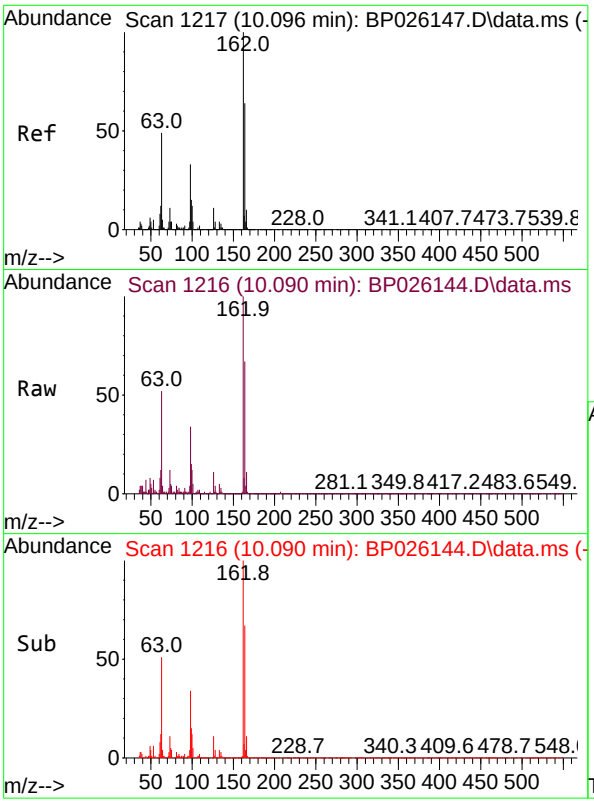


#28
bis(2-Chloroethoxy)methane
Concen: 4.925 ng
RT: 9.849 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion: 93 Resp: 108845

Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.4	39.6
123	11.3	9.4	14.0



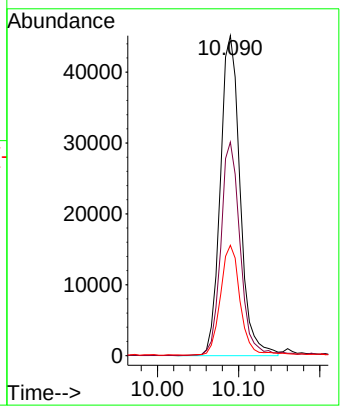


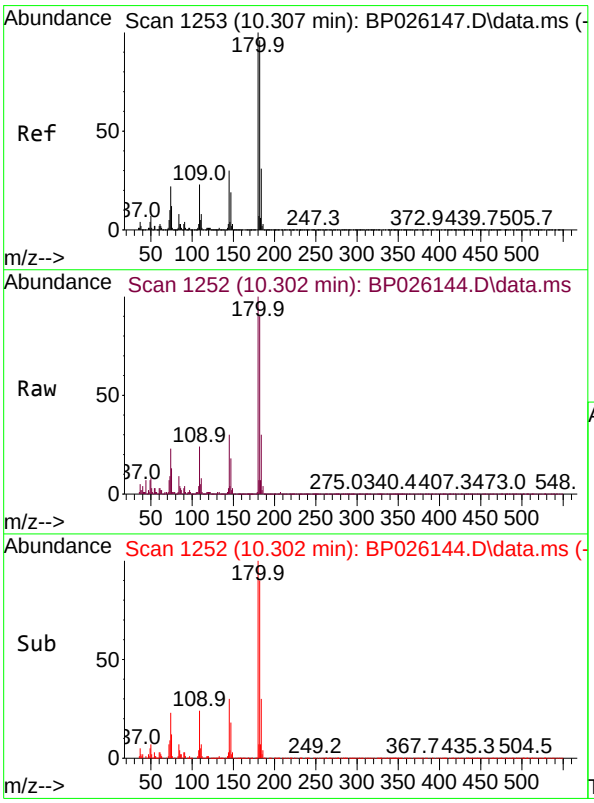
#29
2,4-Dichlorophenol
Concen: 4.893 ng
RT: 10.090 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:162 Resp: 76304

Ion	Ratio	Lower	Upper
162	100		
164	66.7	43.8	83.8
98	34.5	14.1	54.1

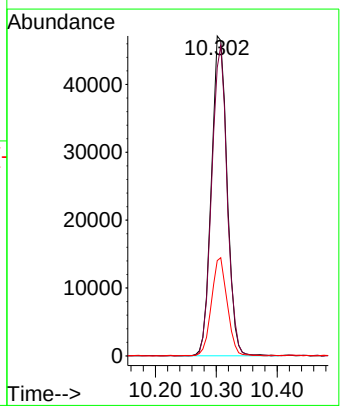


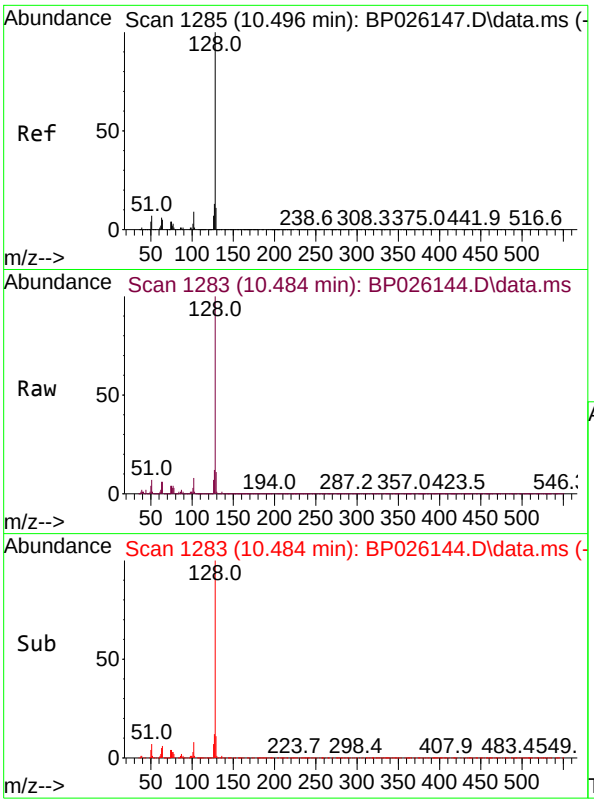


#30
1,2,4-Trichlorobenzene
Concen: 5.002 ng
RT: 10.302 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:180 Resp: 84591

Ion	Ratio	Lower	Upper
180	100		
182	90.1	78.1	117.1
145	29.8	24.2	36.4



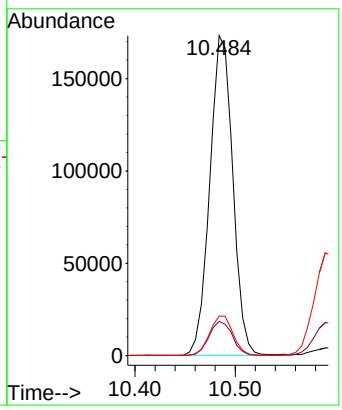


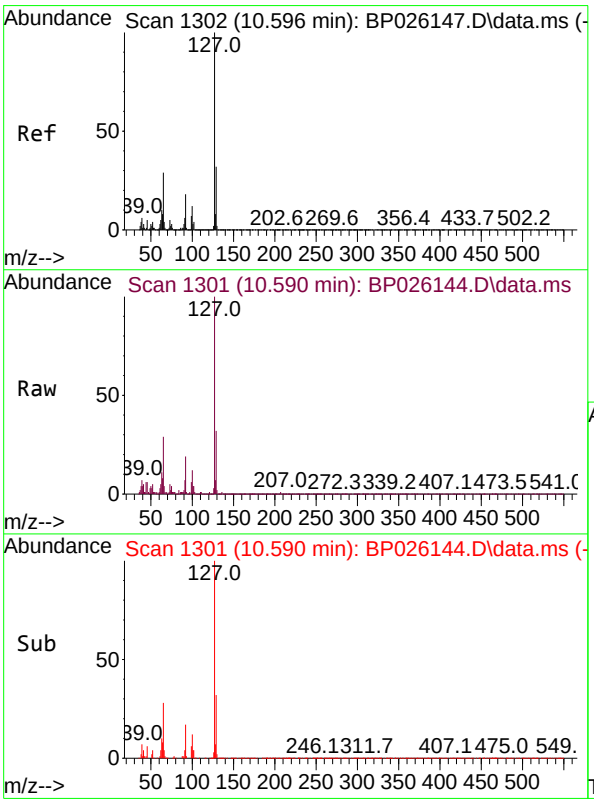
#31
Naphthalene
Concen: 4.976 ng
RT: 10.484 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 276491

Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.6
127	12.3	10.2	15.4

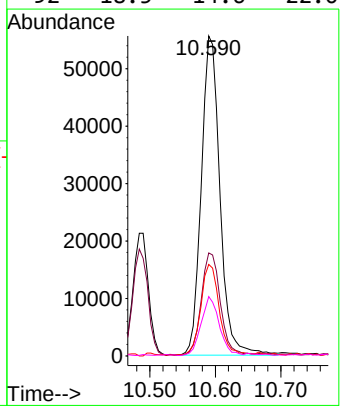


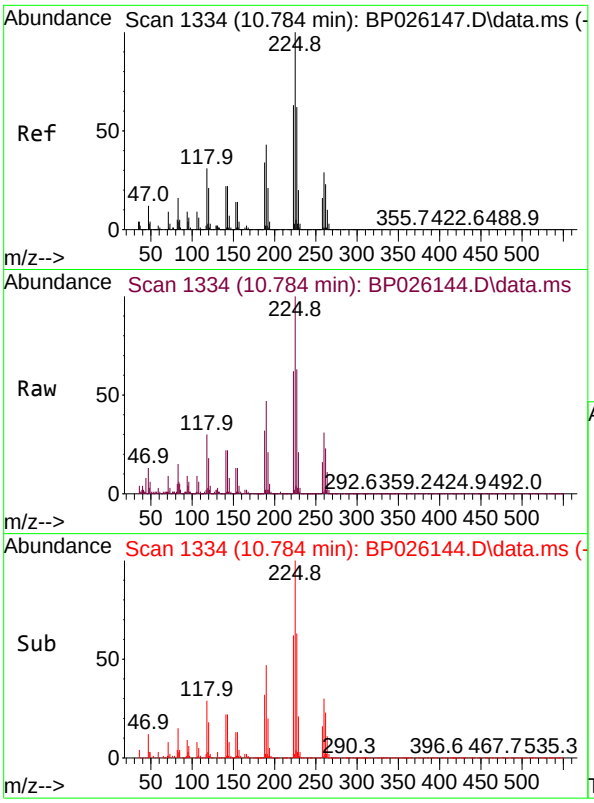


#33
4-Chloroaniline
Concen: 5.080 ng
RT: 10.590 min Scan# 1301
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:127 Resp: 109680

Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.8	38.8
65	28.6	22.7	34.1
92	18.5	14.6	22.0



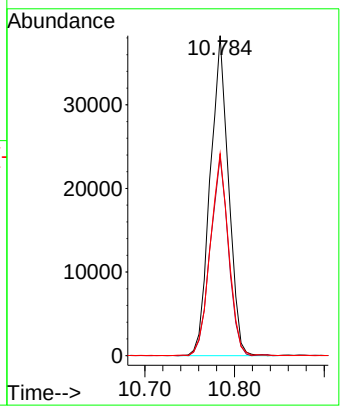


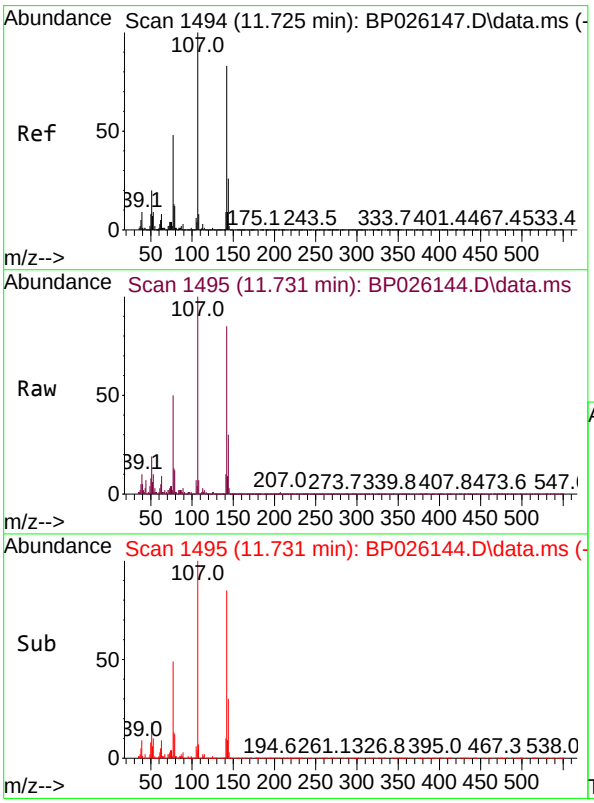
#34
Hexachlorobutadiene
Concen: 5.030 ng
RT: 10.784 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:225 Resp: 54446

Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.6	74.4
227	63.1	51.2	76.8

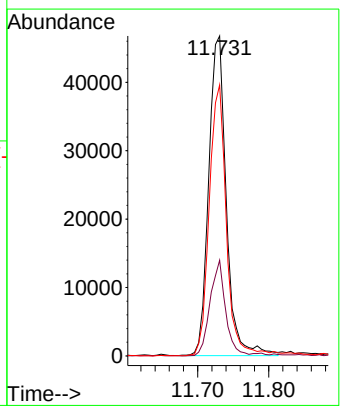


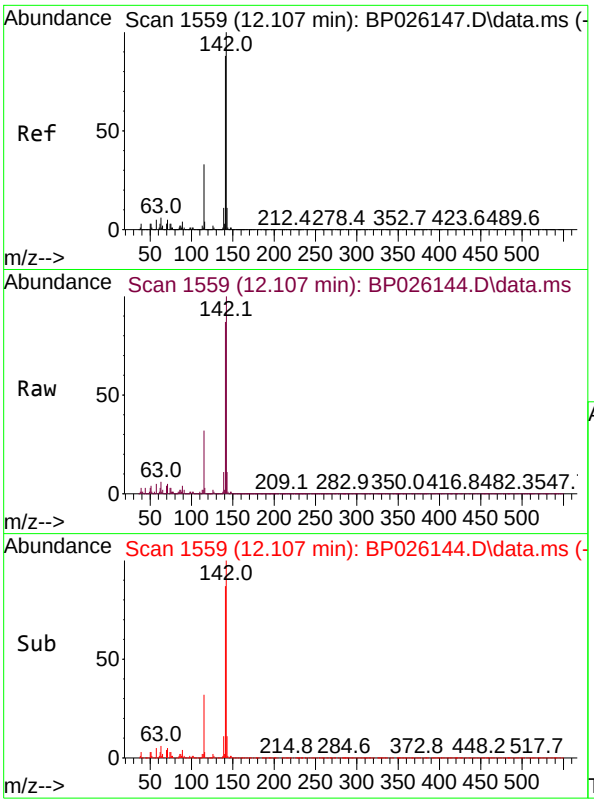


#36
4-Chloro-3-methylphenol
Concen: 4.924 ng
RT: 11.731 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:107 Resp: 80314

Ion	Ratio	Lower	Upper
107	100		
144	29.9	21.6	32.4
142	84.7	65.6	98.4



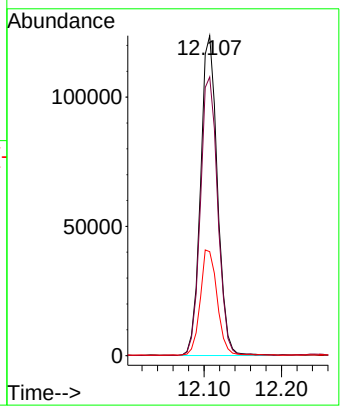


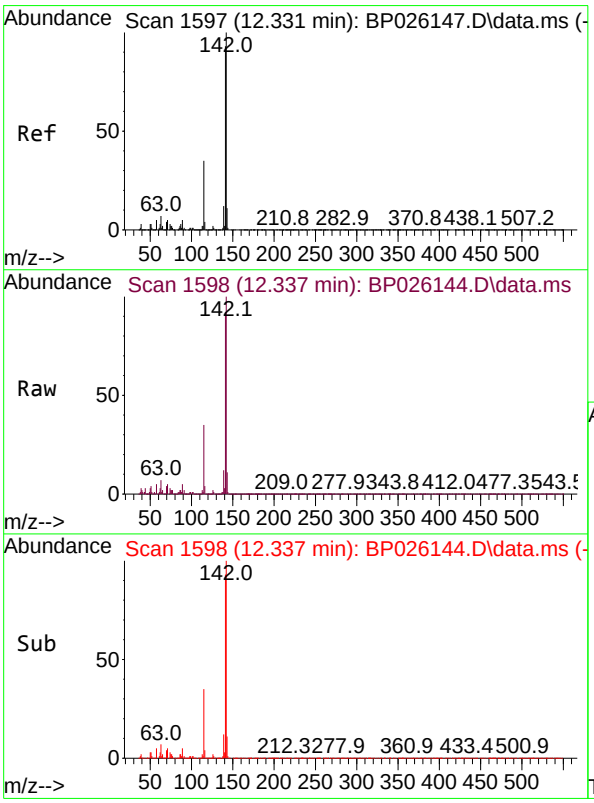
#37
2-Methylnaphthalene
Concen: 4.822 ng
RT: 12.107 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 187351

Ion	Ratio	Lower	Upper
142	100		
141	87.1	71.0	106.6
115	32.5	26.6	39.8

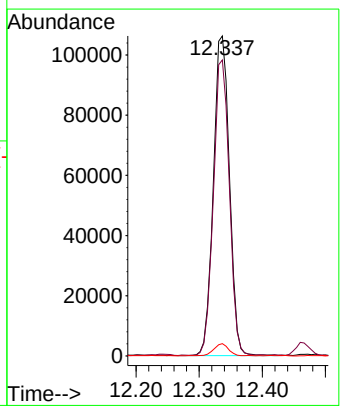


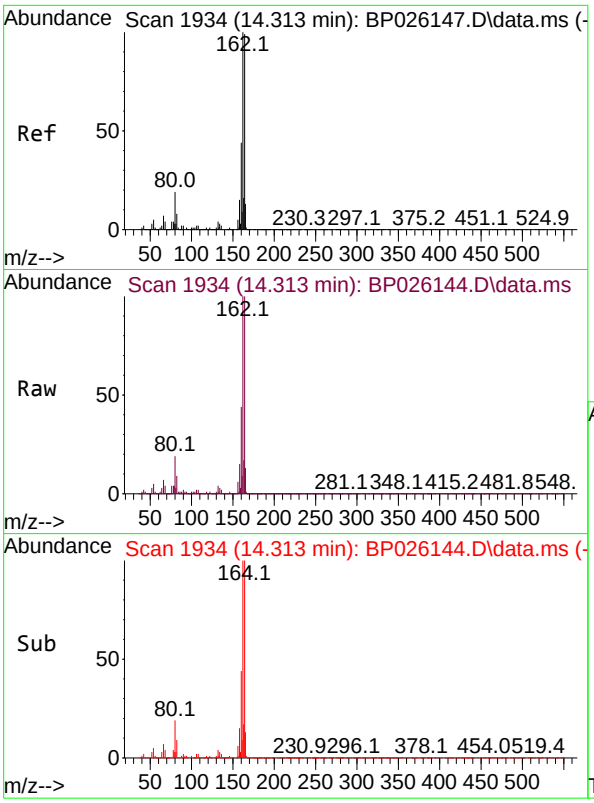


#38
1-Methylnaphthalene
Concen: 4.977 ng
RT: 12.337 min Scan# 1598
Delta R.T. 0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:142 Resp: 187981

Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.5	110.3
116	3.8	3.0	4.4



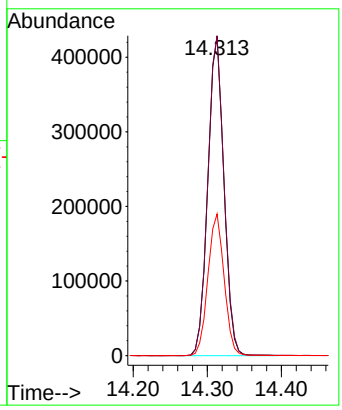


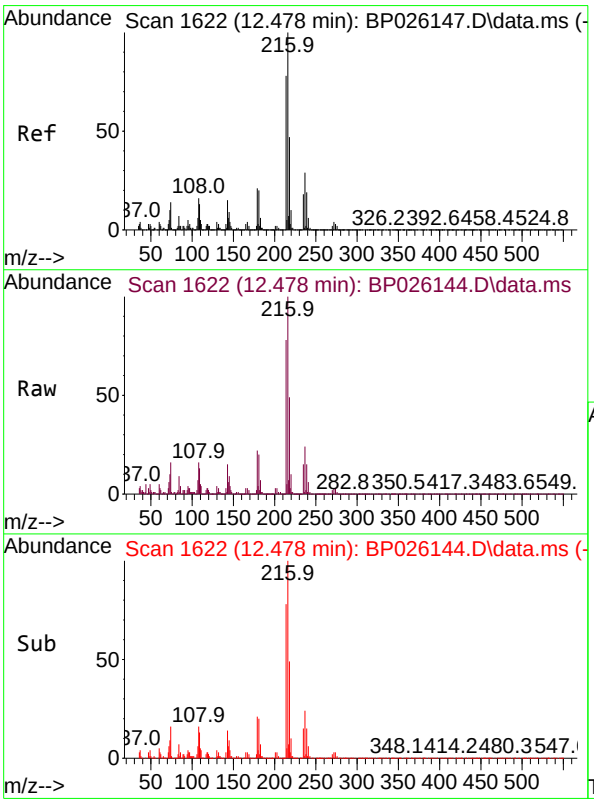
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 19
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:164 Resp: 643620

Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.3	120.5
160	44.4	35.2	52.8

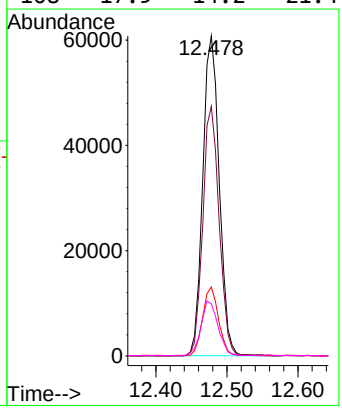


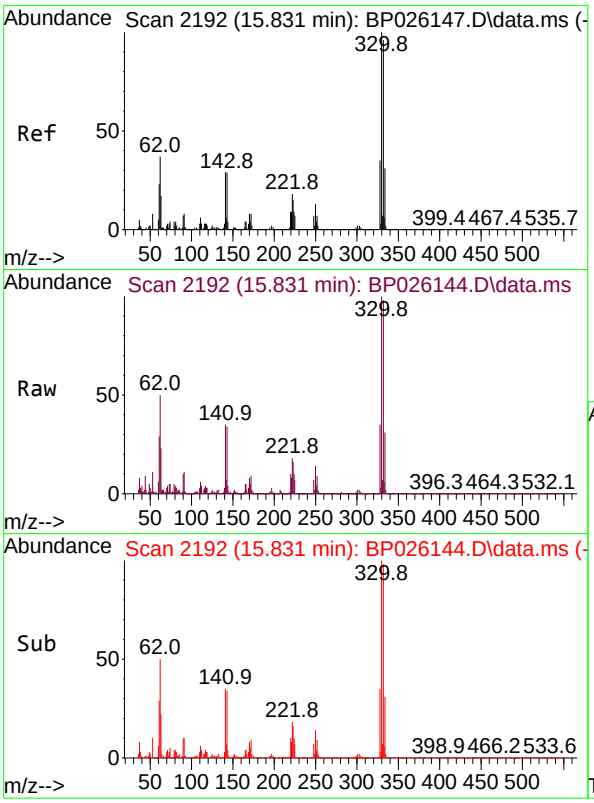


#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.903 ng
RT: 12.478 min Scan# 1622
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:216 Resp: 97644

Ion	Ratio	Lower	Upper
216	100		
214	77.2	62.6	94.0
179	20.7	16.6	25.0
108	17.9	14.2	21.4



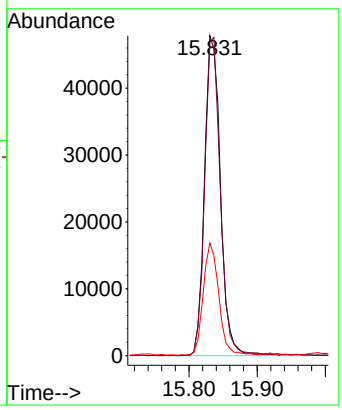


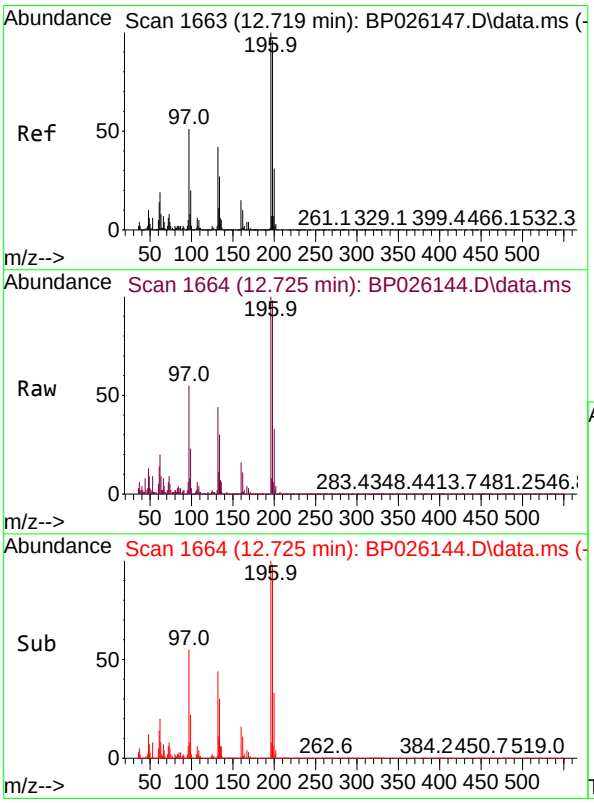
#42
2,4,6-Tribromophenol
Concen: 11.005 ng
RT: 15.831 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:330 Resp: 77590

Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.0	117.0
141	34.4	26.8	40.2

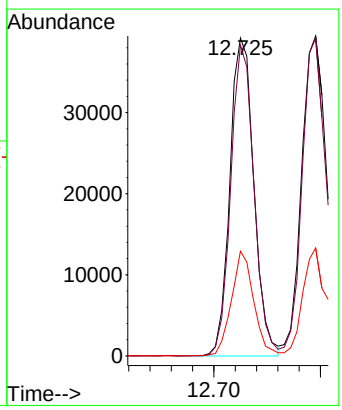


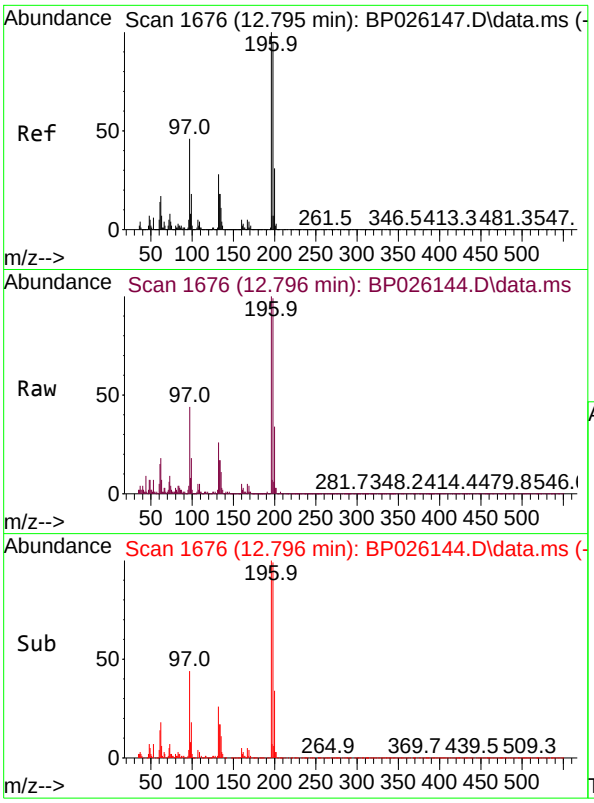


#43
2,4,6-Trichlorophenol
Concen: 5.131 ng
RT: 12.725 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:196 Resp: 61137

Ion	Ratio	Lower	Upper
196	100		
198	97.8	76.9	115.3
200	33.0	24.6	37.0



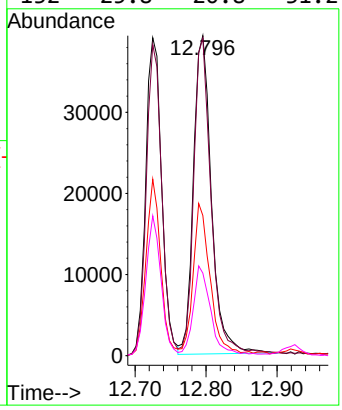


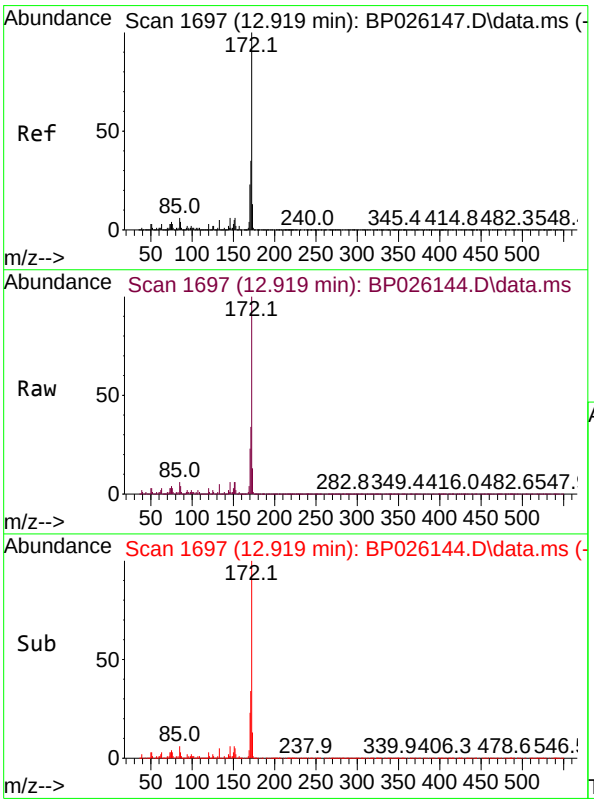
#44
2,4,5-Trichlorophenol
Concen: 5.093 ng
RT: 12.796 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:196 Resp: 68937

Ion	Ratio	Lower	Upper
196	100		
198	99.2	76.4	114.6
97	43.8	35.7	53.5
132	25.8	20.8	31.2

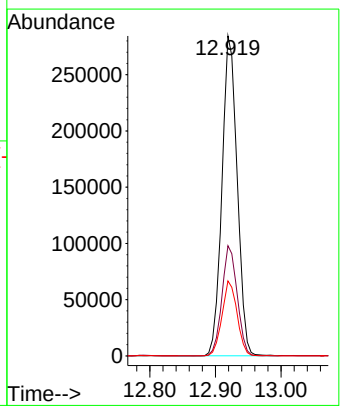


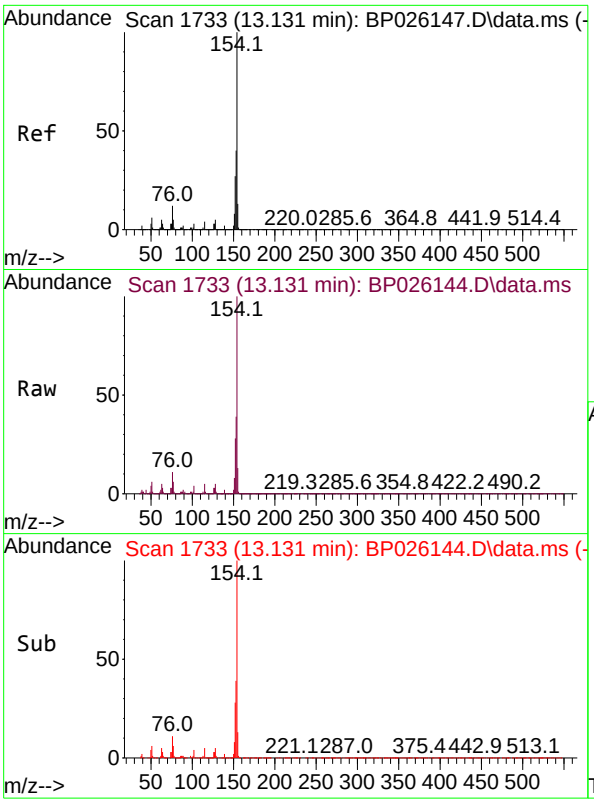


#45
2-Fluorobiphenyl
Concen: 10.313 ng
RT: 12.919 min Scan# 1697
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:172 Resp: 460038

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.2	42.4
170	23.4	18.7	28.1



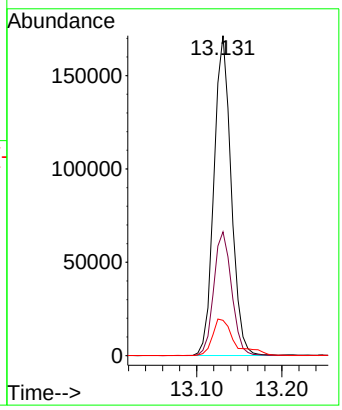


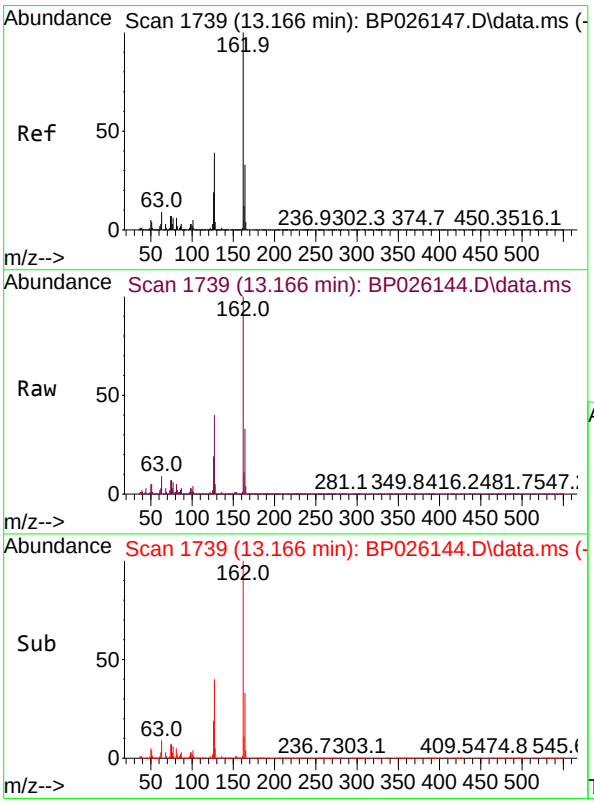
#46
1,1'-Biphenyl
Concen: 4.917 ng
RT: 13.131 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:154 Resp: 241240

Ion	Ratio	Lower	Upper
154	100		
153	38.7	20.3	60.3
76	11.0	0.0	32.3

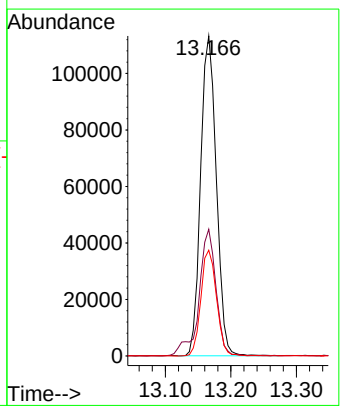


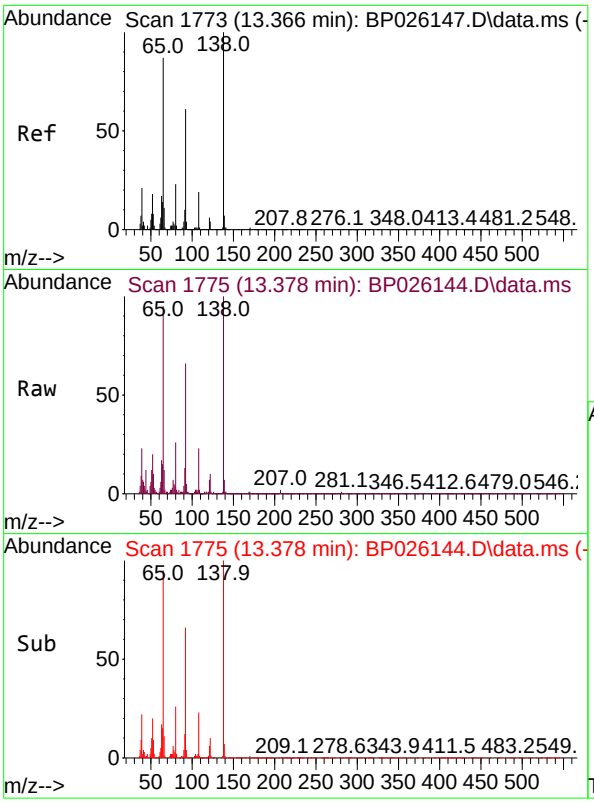


#47
2-Chloronaphthalene
Concen: 4.870 ng
RT: 13.166 min Scan# 1739
Delta R.T. -0.017 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:162 Resp: 187850

Ion	Ratio	Lower	Upper
162	100		
127	39.6	30.9	46.3
164	33.0	26.4	39.6



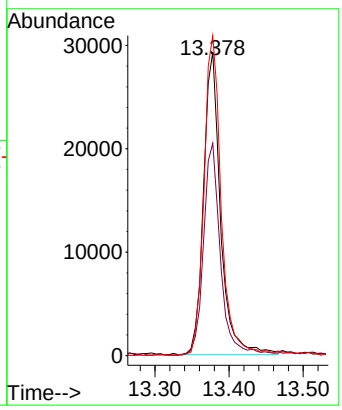


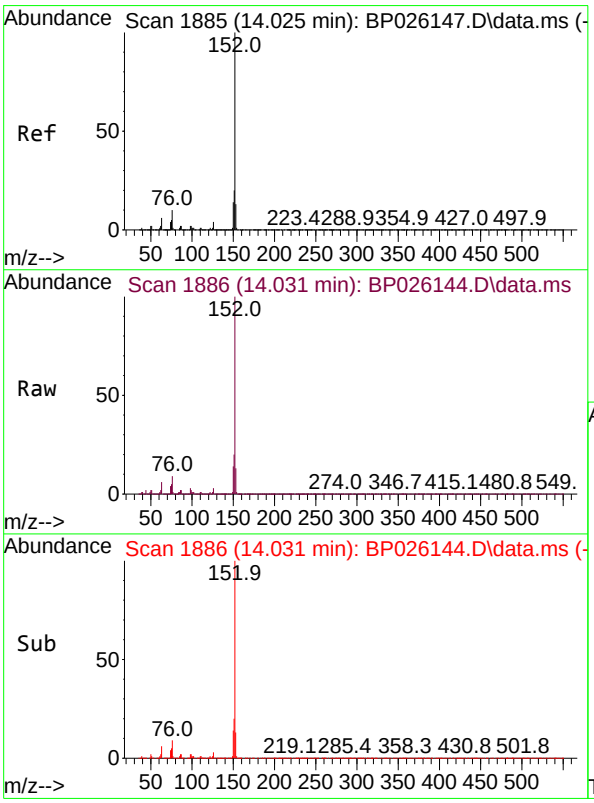
#48
2-Nitroaniline
Concen: 5.239 ng
RT: 13.378 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 65 Resp: 46485

Ion	Ratio	Lower	Upper
65	100		
92	70.0	59.1	88.7
138	105.4	96.6	145.0

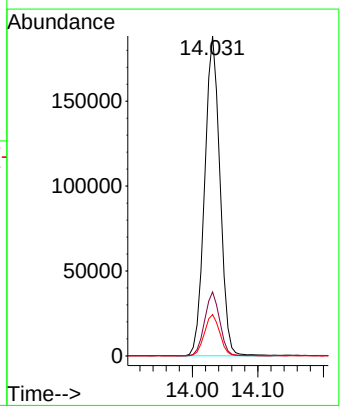


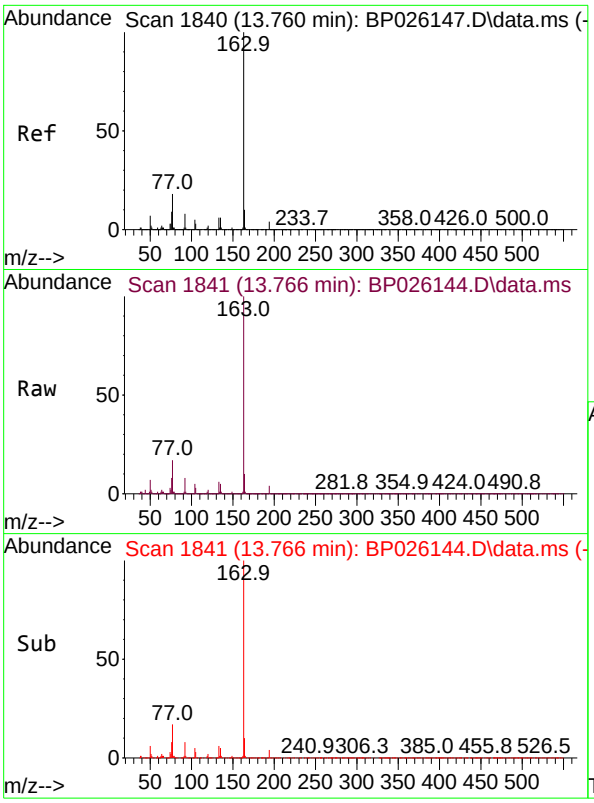


#49
Acenaphthylene
Concen: 5.334 ng
RT: 14.031 min Scan# 1886
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:152 Resp: 304102

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.8
153	12.9	10.6	16.0



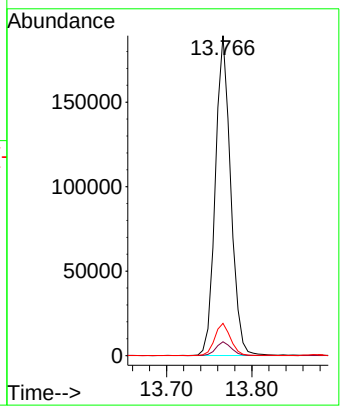


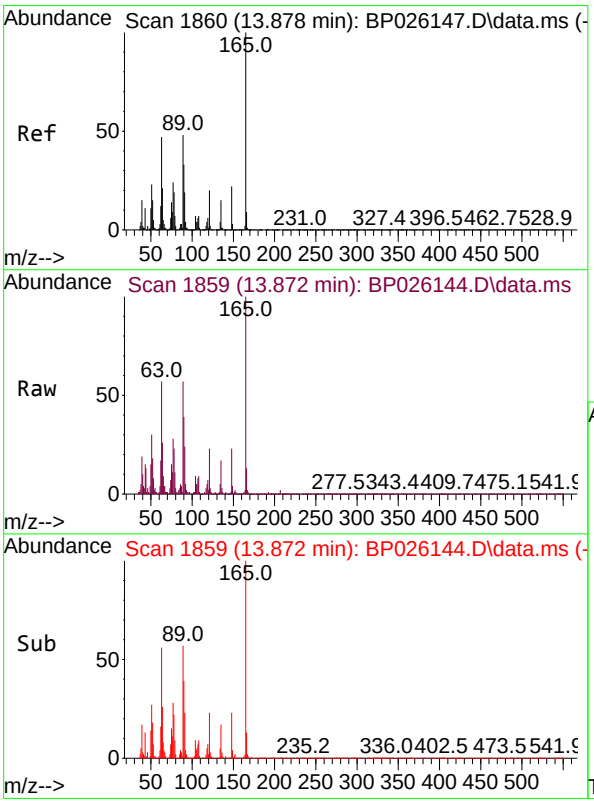
#50
Dimethylphthalate
Concen: 5.077 ng
RT: 13.766 min Scan# 18
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:163 Resp: 236591

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	10.1	8.2	12.2

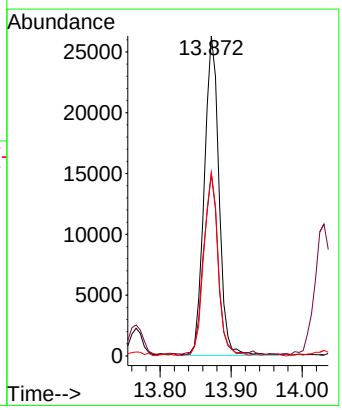


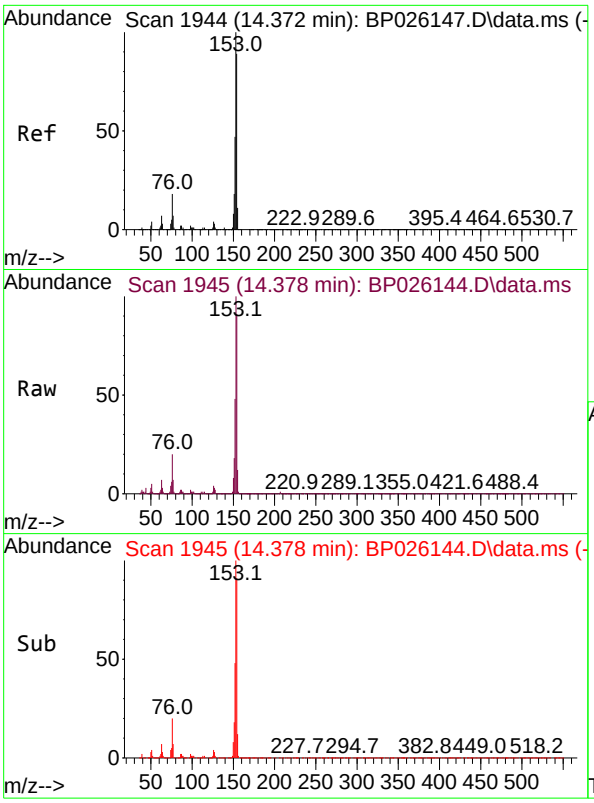


#51
2,6-Dinitrotoluene
Concen: 4.835 ng
RT: 13.872 min Scan# 1859
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:165 Resp: 37885

Ion	Ratio	Lower	Upper
165	100		
63	56.8	40.5	60.7
89	57.3	41.3	61.9



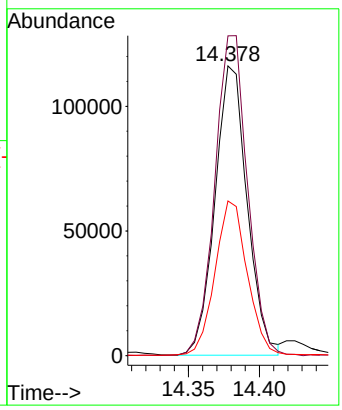


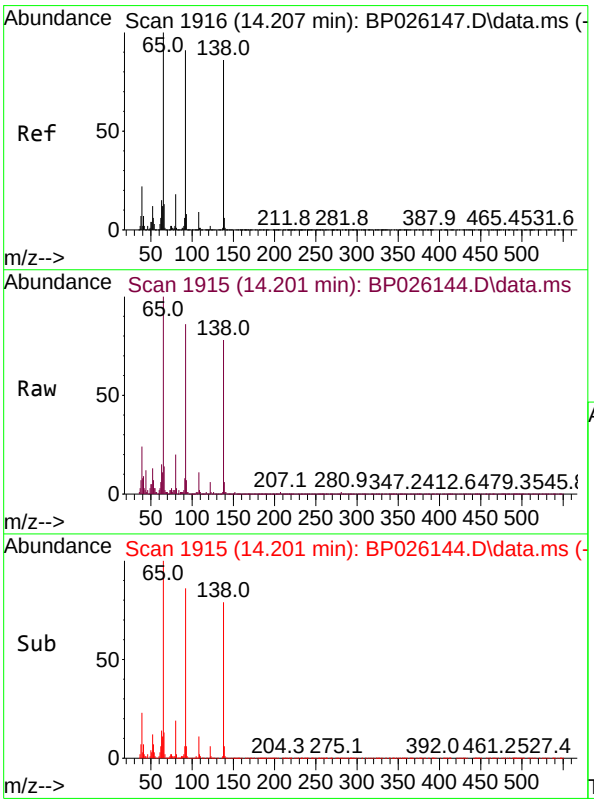
#52
Acenaphthene
Concen: 4.803 ng
RT: 14.378 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:154 Resp: 183221

Ion	Ratio	Lower	Upper
154	100		
153	110.3	90.7	136.1
152	53.4	42.8	64.2

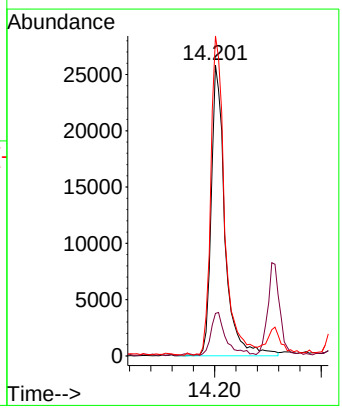


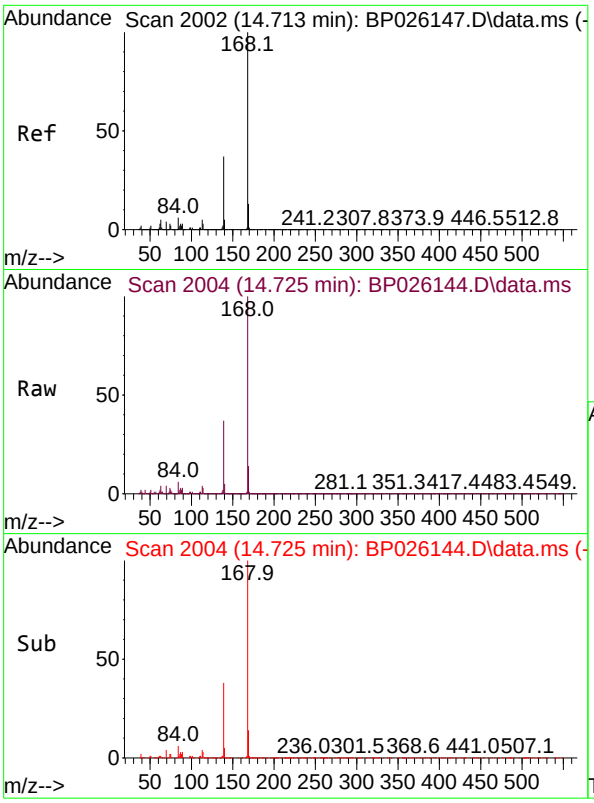


#53
3-Nitroaniline
Concen: 4.861 ng
RT: 14.201 min Scan# 1915
Delta R.T. -0.017 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:138 Resp: 46080

Ion	Ratio	Lower	Upper
138	100		
108	14.6	8.9	13.3#
92	110.1	86.3	129.5



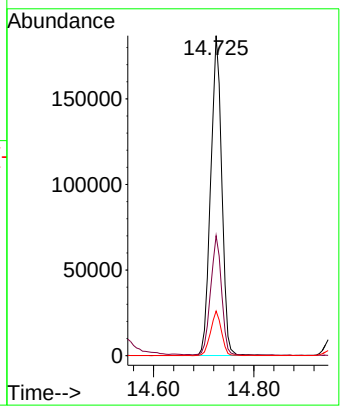


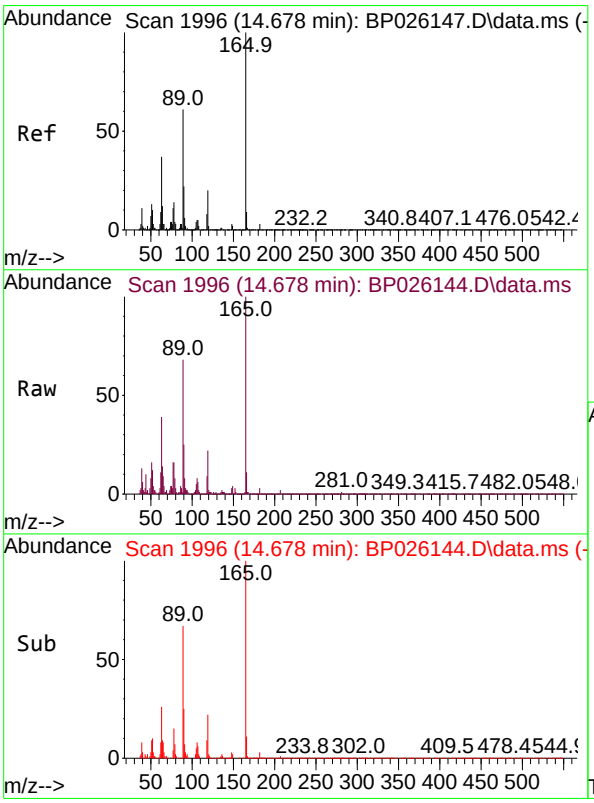
#55
Dibenzofuran
Concen: 4.928 ng
RT: 14.725 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:168 Resp: 286273

Ion	Ratio	Lower	Upper
168	100		
139	37.5	29.8	44.6
169	14.0	10.9	16.3

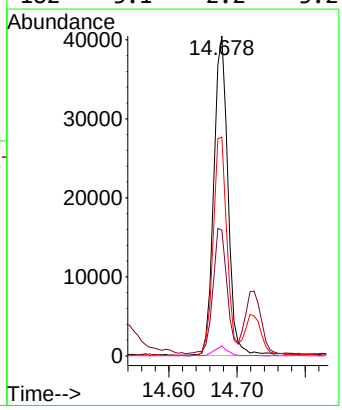


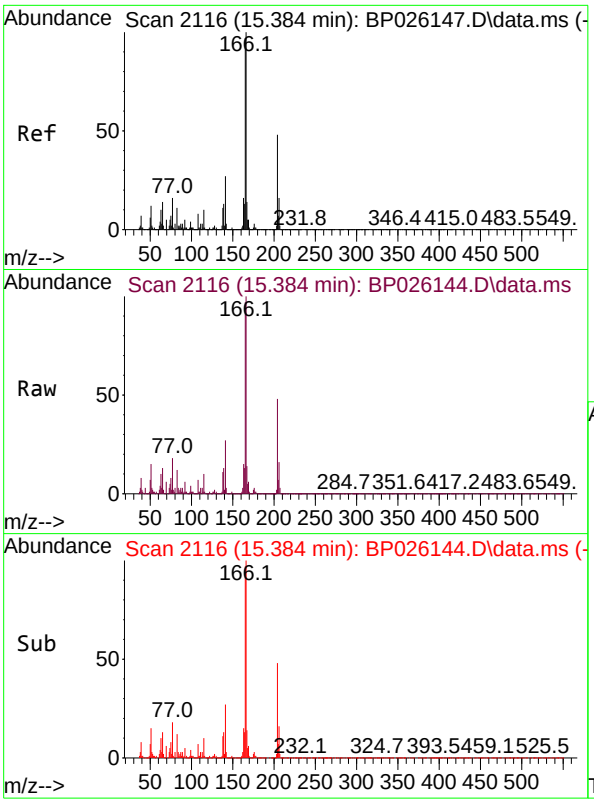


#57
2,4-Dinitrotoluene
Concen: 5.089 ng
RT: 14.678 min Scan# 1996
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:165 Resp: 58186

Ion	Ratio	Lower	Upper
165	100		
63	39.3	31.0	46.6
89	68.4	51.7	77.5
182	3.1	2.2	3.2



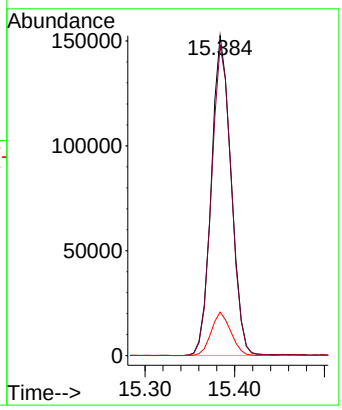


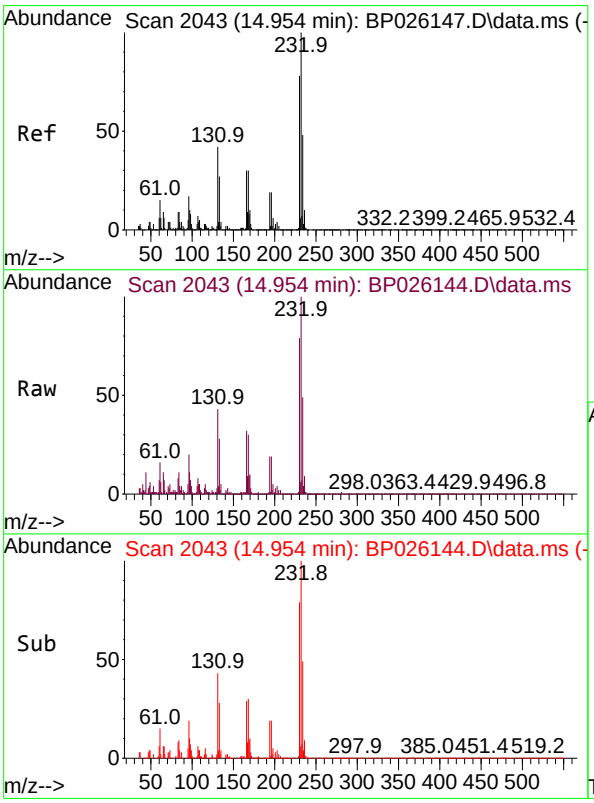
#58
Fluorene
Concen: 5.102 ng
RT: 15.384 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:166 Resp: 232855

Ion	Ratio	Lower	Upper
166	100		
165	97.0	77.9	116.9
167	13.6	11.0	16.4

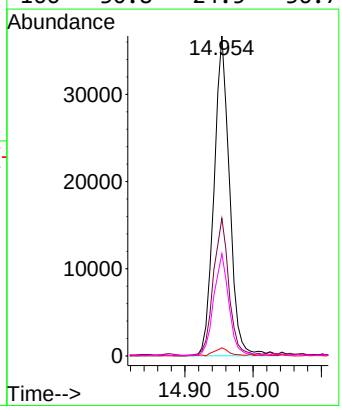


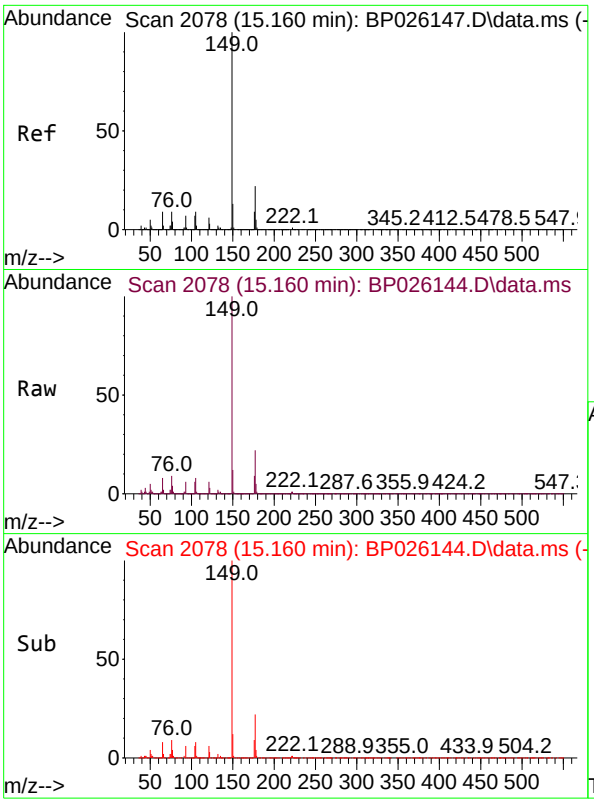


#59
2,3,4,6-Tetrachlorophenol
Concen: 5.425 ng
RT: 14.954 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:232 Resp: 58158

Ion	Ratio	Lower	Upper
232	100		
131	42.5	34.8	52.2
130	2.6	1.8	2.8
166	30.8	24.5	36.7



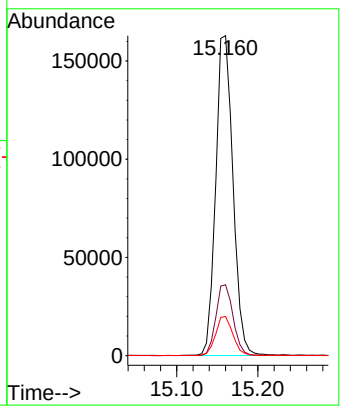


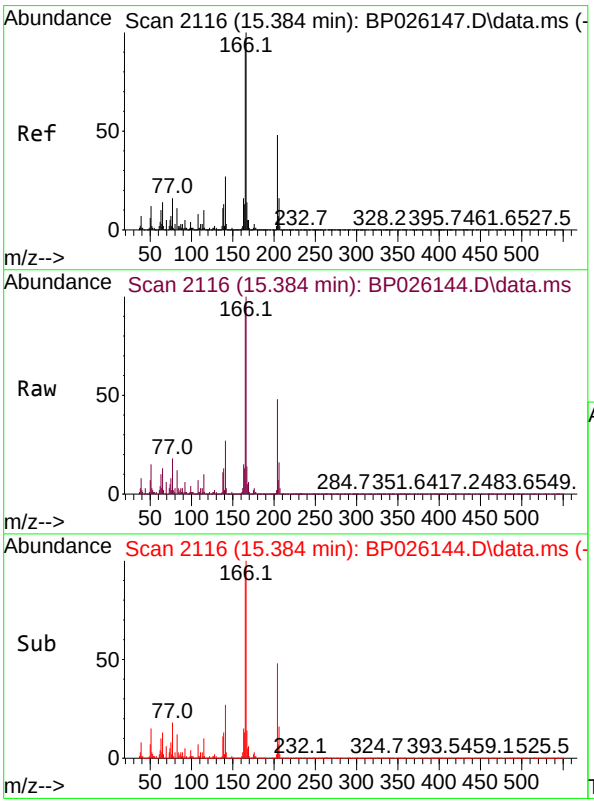
#60
Diethylphthalate
Concen: 5.123 ng
RT: 15.160 min Scan# 20
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 240172

Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.9	26.9
150	12.2	9.9	14.9

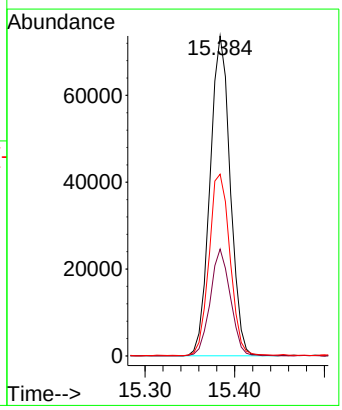


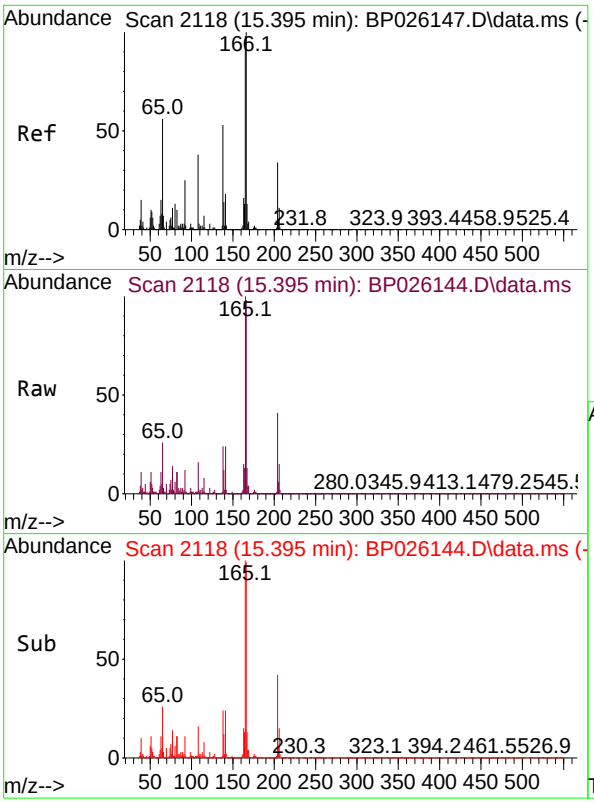


#61
4-Chlorophenyl-phenylether
Concen: 5.076 ng
RT: 15.384 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:204 Resp: 115474

Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.2	39.2
141	56.8	48.1	72.1



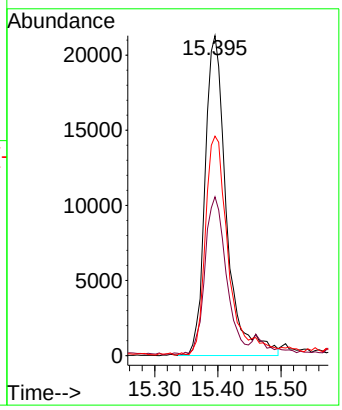


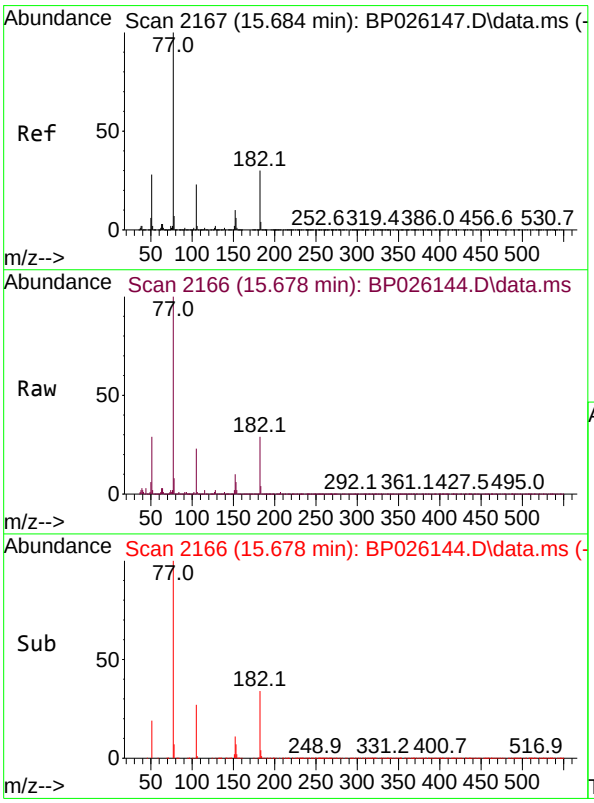
#62
4-Nitroaniline
Concen: 5.003 ng
RT: 15.395 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:138 Resp: 50292

Ion	Ratio	Lower	Upper
138	100		
92	49.6	27.5	67.5
108	68.6	51.1	91.1

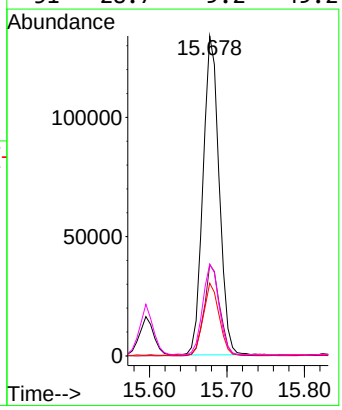


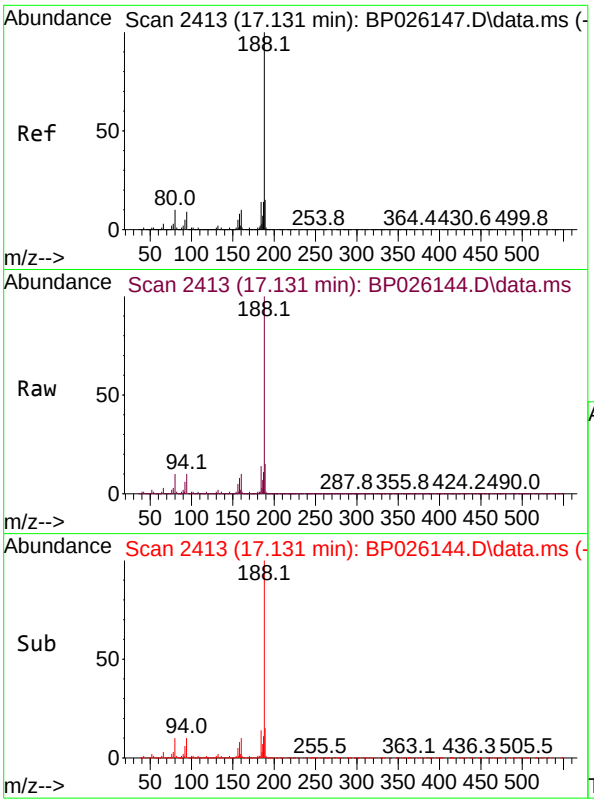


#63
Azobenzene
Concen: 4.580 ng
RT: 15.678 min Scan# 2166
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion: 77 Resp: 193050

Ion	Ratio	Lower	Upper
77	100		
182	28.5	8.8	48.8
105	22.7	2.6	42.6
51	28.7	9.2	49.2



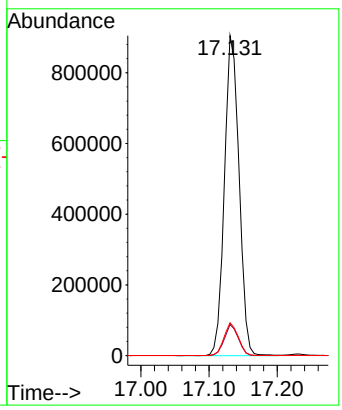


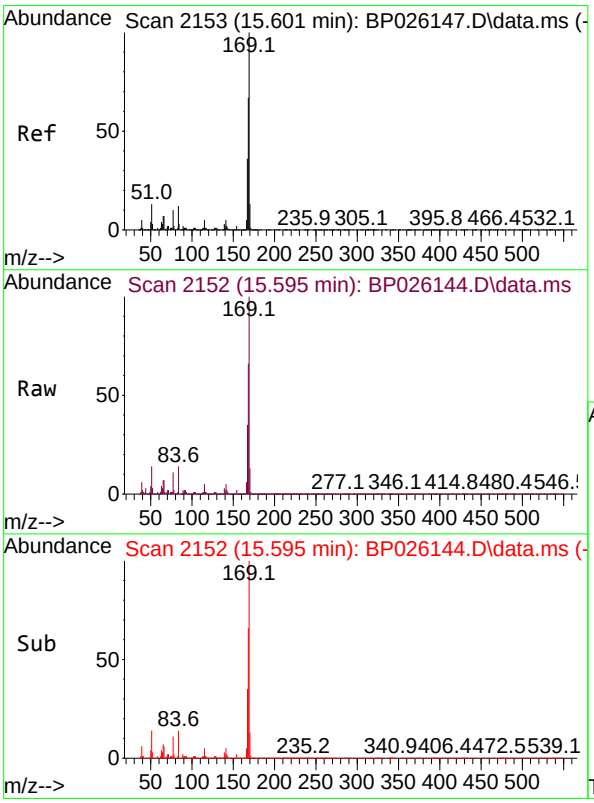
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.131 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:188 Resp: 1346698

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.8	11.6
80	10.3	8.2	12.2

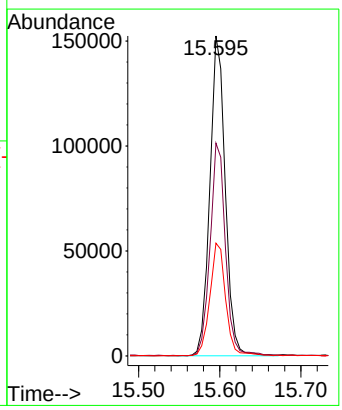


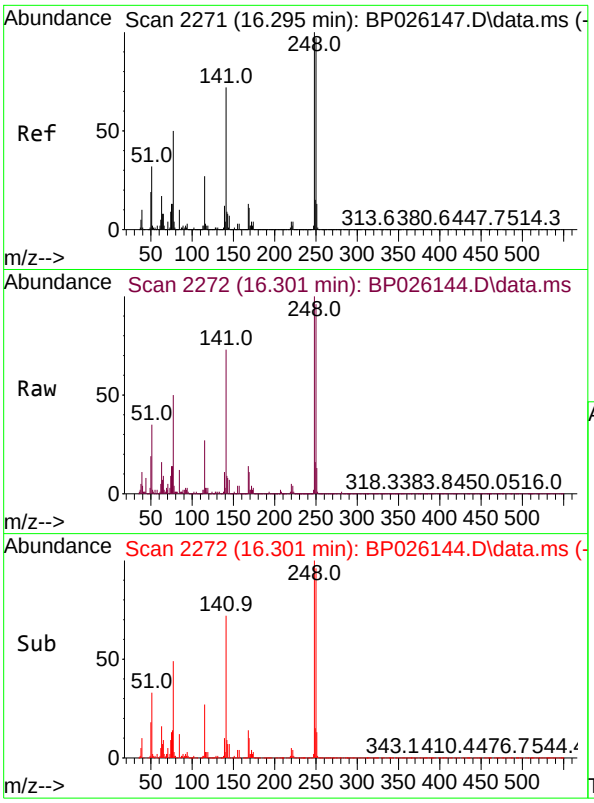


#66
n-Nitrosodiphenylamine
Concen: 4.795 ng
RT: 15.595 min Scan# 2152
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:169 Resp: 201167

Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.1	79.7
167	35.2	28.9	43.3



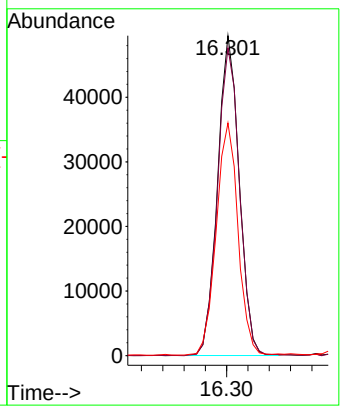


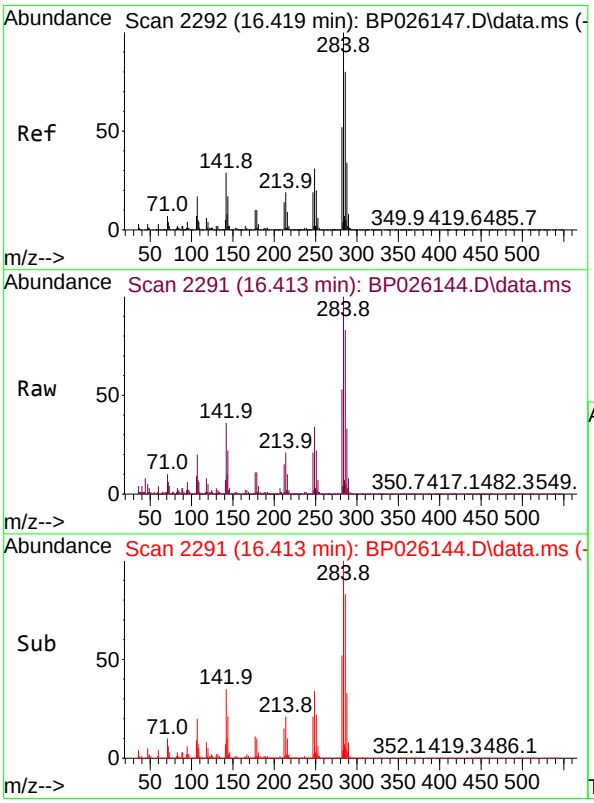
#67
4-Bromophenyl-phenylether
Concen: 4.680 ng
RT: 16.301 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:248 Resp: 69962

Ion	Ratio	Lower	Upper
248	100		
250	96.2	77.8	116.6
141	72.7	55.4	83.0

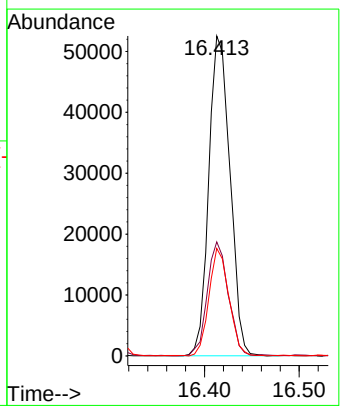


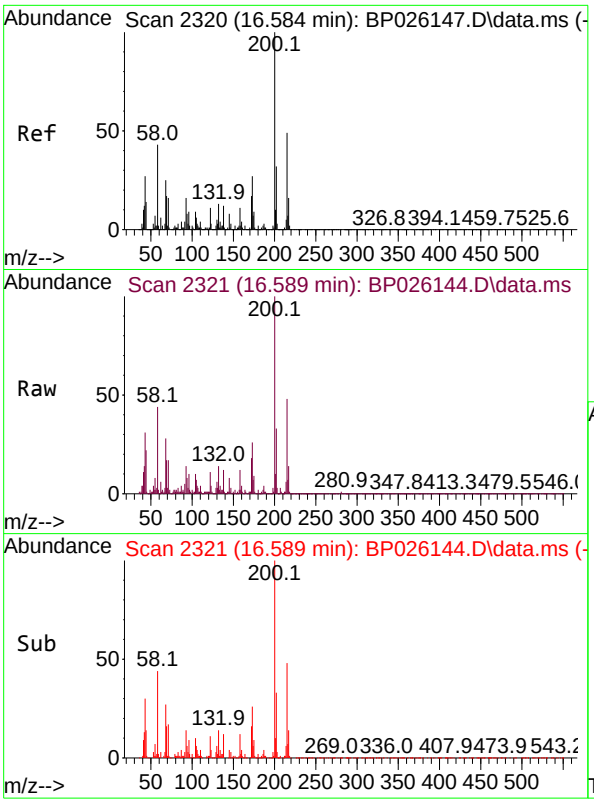


#68
Hexachlorobenzene
Concen: 4.805 ng
RT: 16.413 min Scan# 2291
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:284 Resp: 81728

Ion	Ratio	Lower	Upper
284	100		
142	35.6	28.0	42.0
249	33.6	25.0	37.4



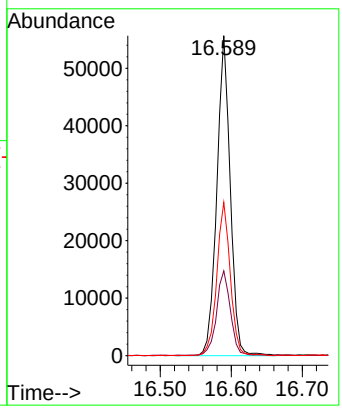


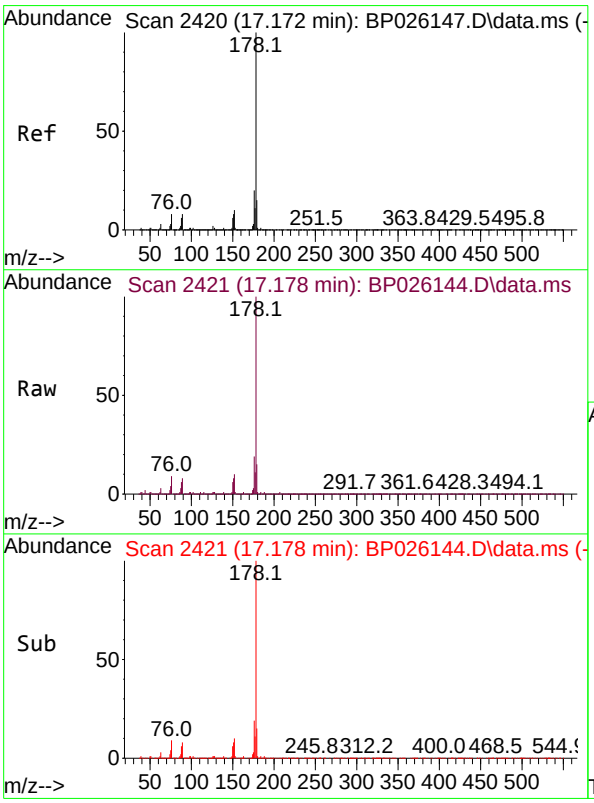
#69
Atrazine
Concen: 5.086 ng
RT: 16.589 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:200 Resp: 73147

Ion	Ratio	Lower	Upper
200	100		
173	26.5	6.7	46.7
215	47.9	27.4	67.4

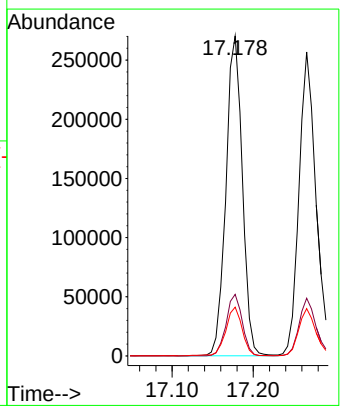


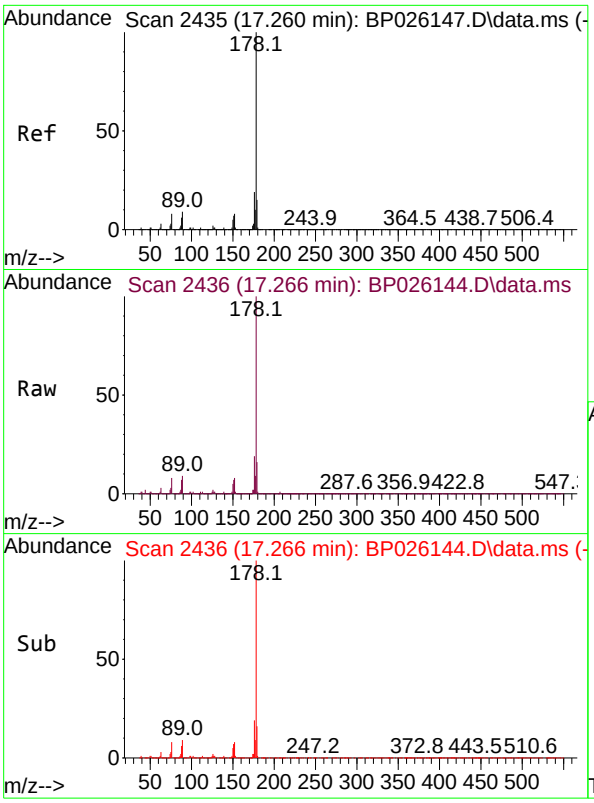


#71
Phenanthrene
Concen: 4.882 ng
RT: 17.178 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:178 Resp: 379854

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.2	12.4	18.6



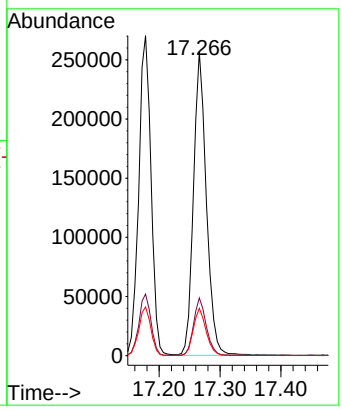


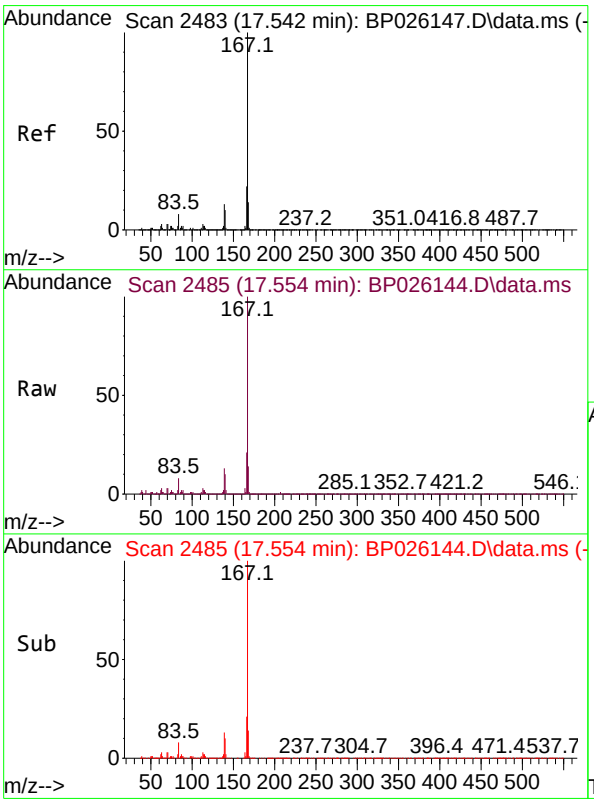
#72
Anthracene
Concen: 4.865 ng
RT: 17.266 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:178 Resp: 377623

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.8	22.2
179	15.6	12.2	18.4

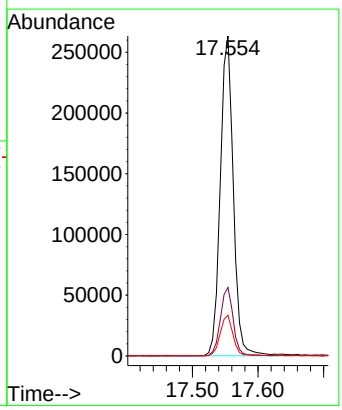


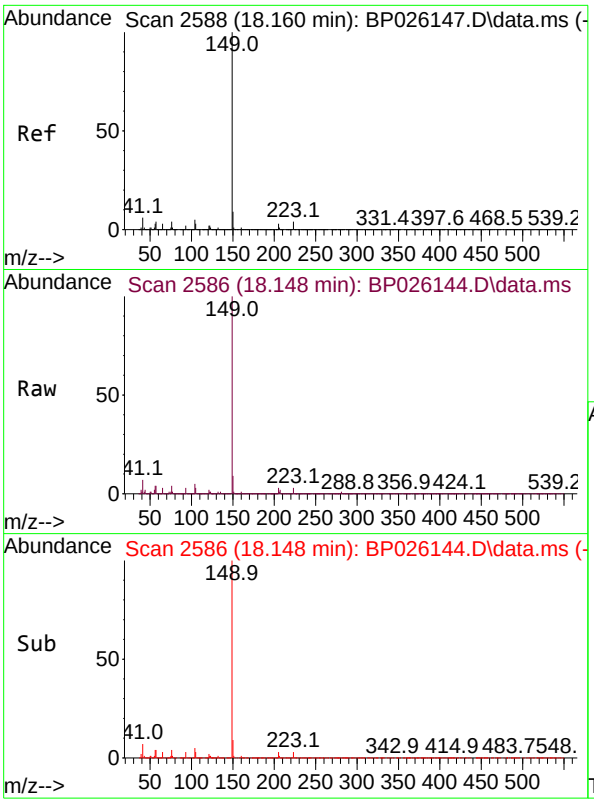


#73
Carbazole
Concen: 4.990 ng
RT: 17.554 min Scan# 2485
Delta R.T. 0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:167 Resp: 364556

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.1	25.7
139	12.7	10.2	15.4



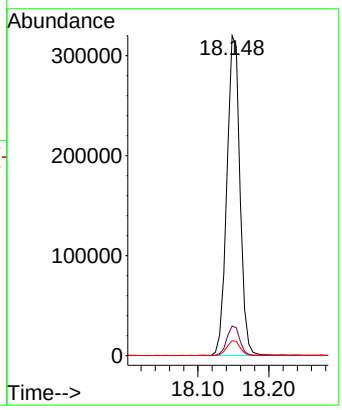


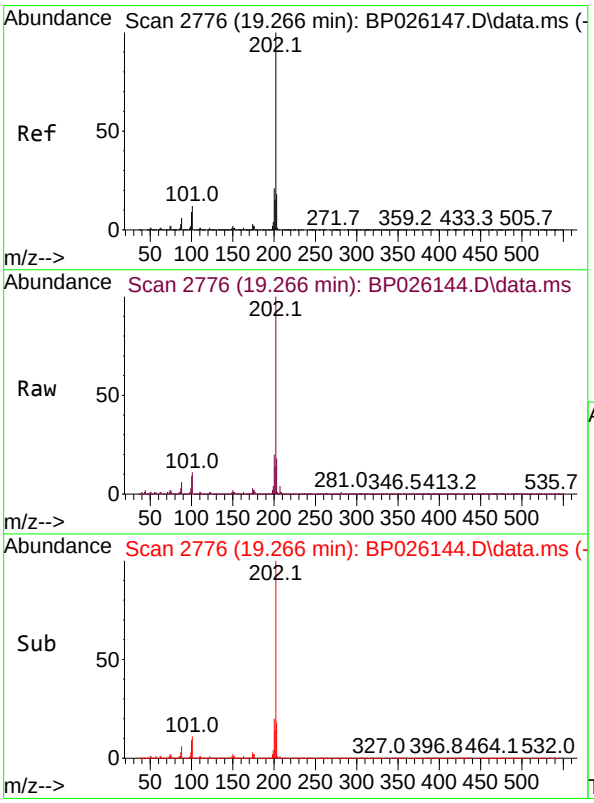
#74
Di-n-butylphthalate
Concen: 4.968 ng
RT: 18.148 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 410422

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	4.6	3.6	5.4

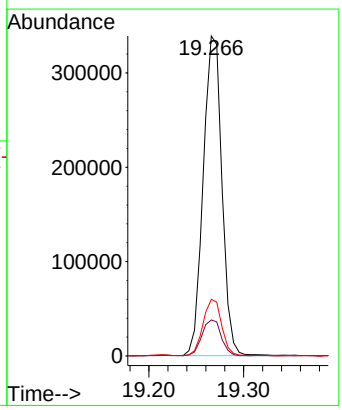


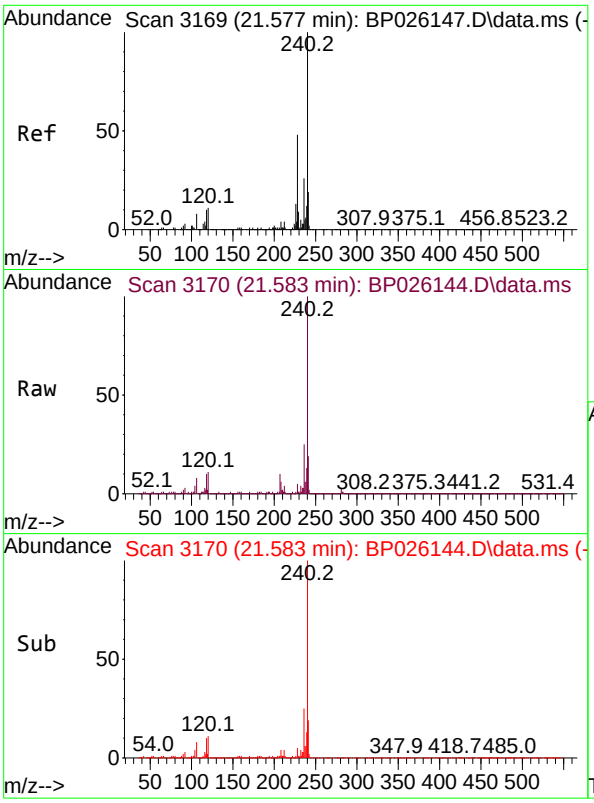


#75
Fluoranthene
Concen: 5.107 ng
RT: 19.266 min Scan# 2776
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:202 Resp: 465623

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	31.2
203	17.7	0.0	37.7



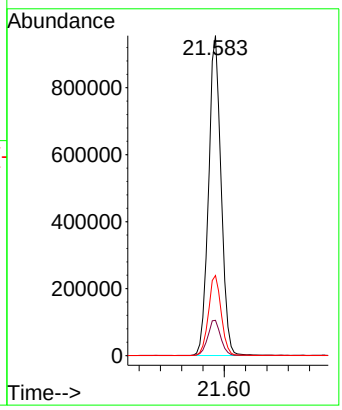


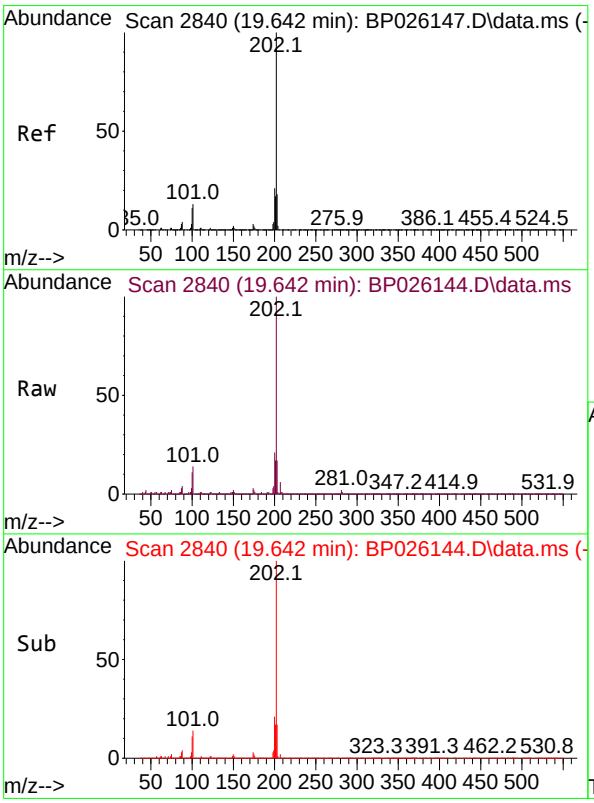
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:240 Resp: 1560462

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.0	13.4
236	25.0	20.4	30.6

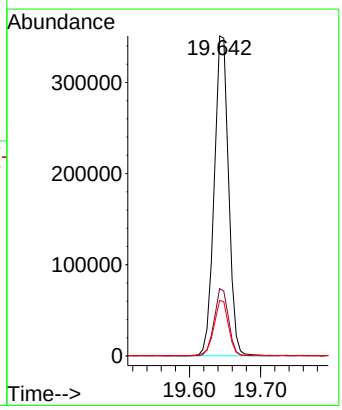


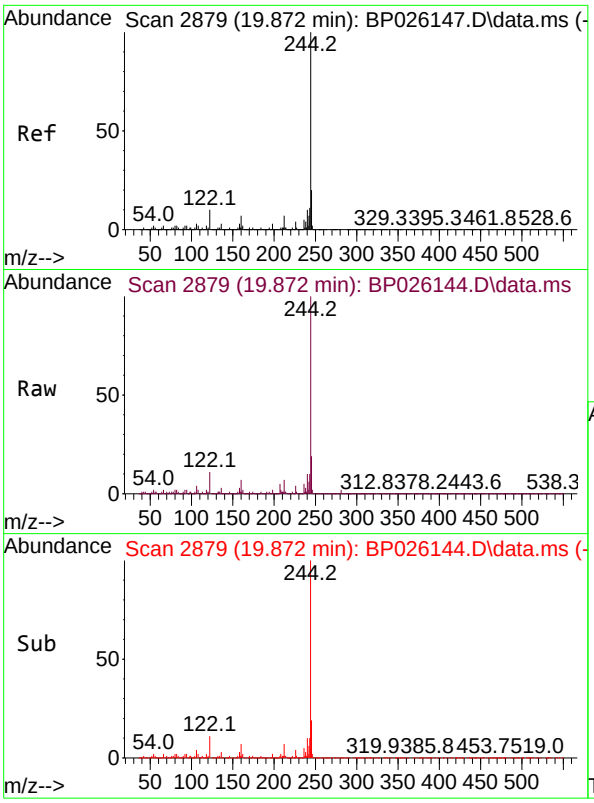


#78
Pyrene
Concen: 4.740 ng
RT: 19.642 min Scan# 2840
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:202 Resp: 493981

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	17.3	13.8	20.8



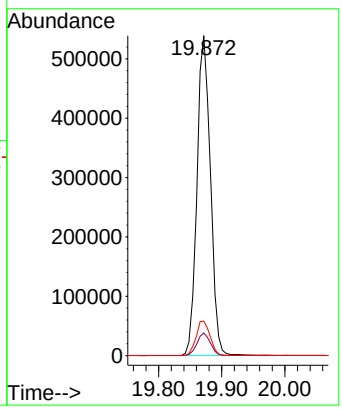


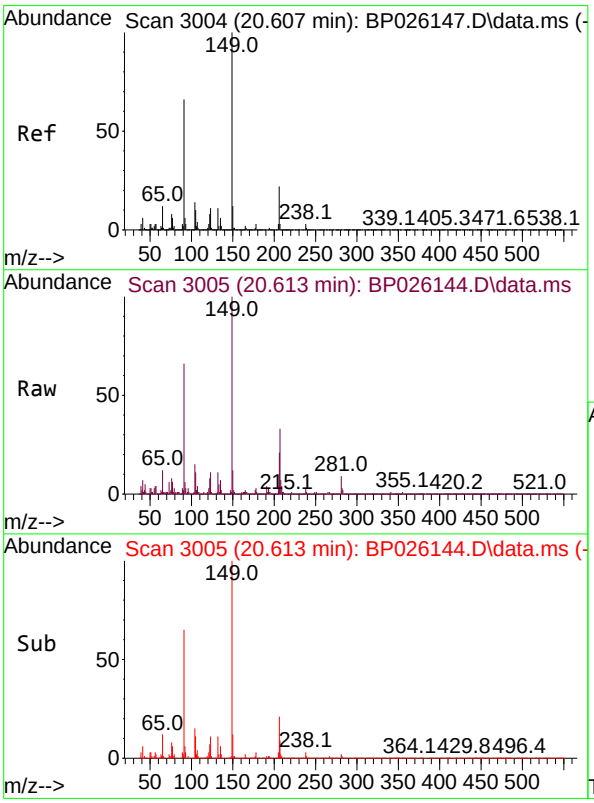
#79
Terphenyl-d14
Concen: 10.439 ng
RT: 19.872 min Scan# 28
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:244 Resp: 798858

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	10.8	8.2	12.2

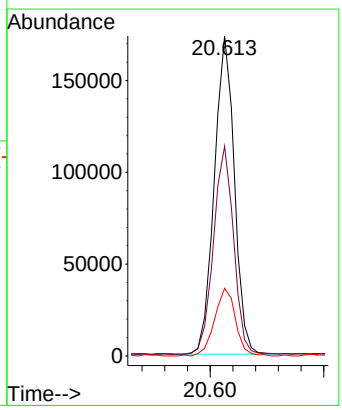


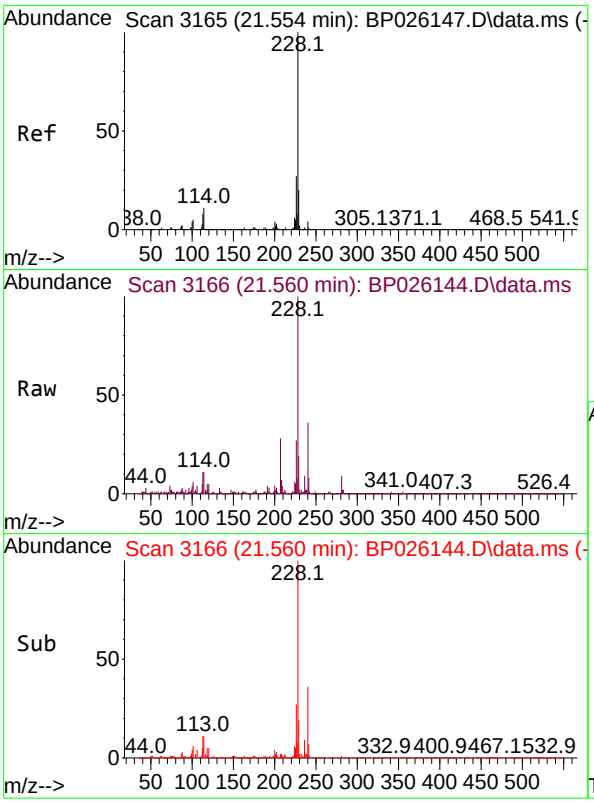


#80
Butylbenzylphthalate
Concen: 6.092 ng
RT: 20.613 min Scan# 3005
Delta R.T. 0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:149 Resp: 212828

Ion	Ratio	Lower	Upper
149	100		
91	65.5	52.6	79.0
206	21.1	16.9	25.3



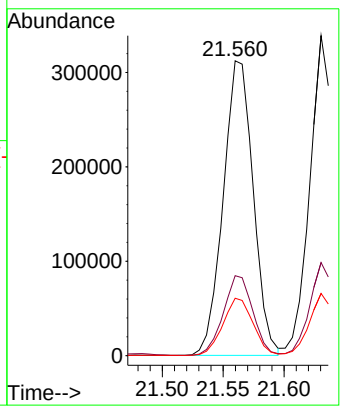


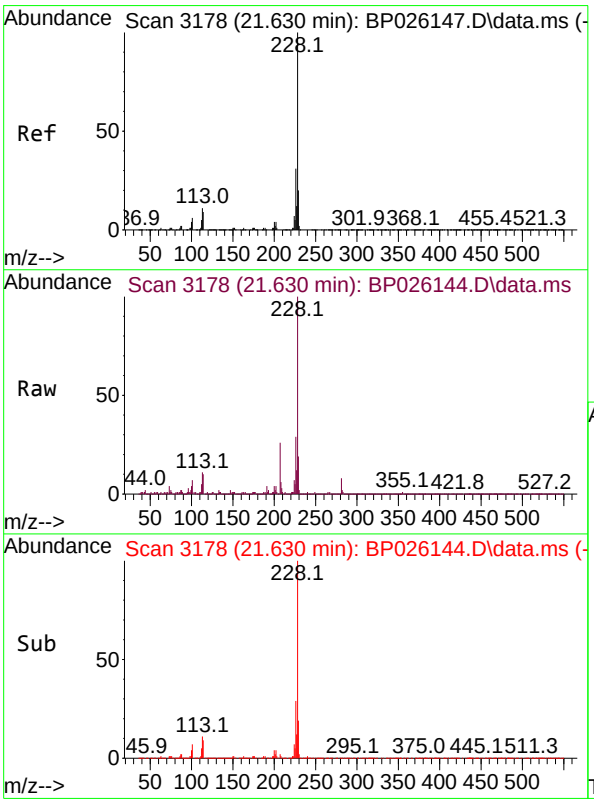
#81
Benzo(a)anthracene
Concen: 5.028 ng
RT: 21.560 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:228 Resp: 535793

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.8	32.8
229	19.5	15.9	23.9

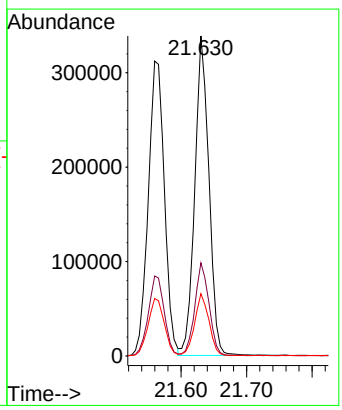


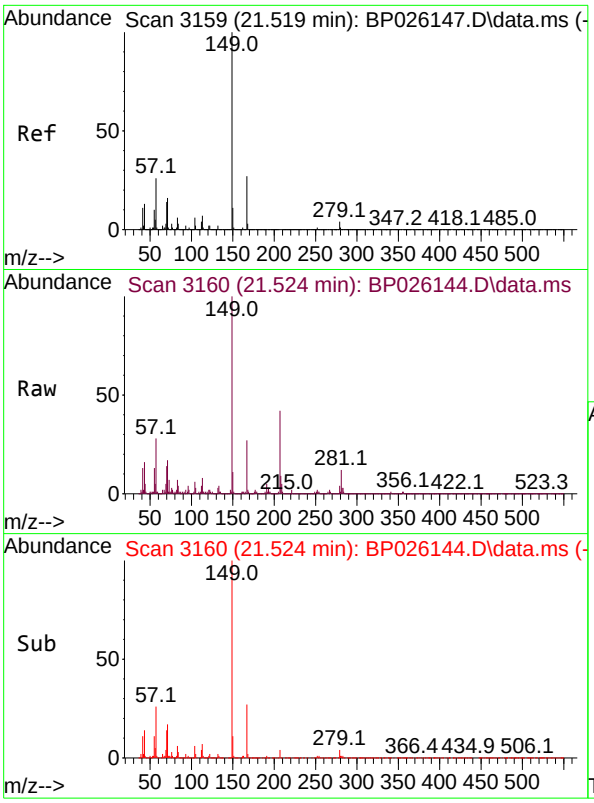


#83
Chrysene
Concen: 5.012 ng
RT: 21.630 min Scan# 3178
Delta R.T. 0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:228 Resp: 506265

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.9	35.9
229	19.4	15.9	23.9



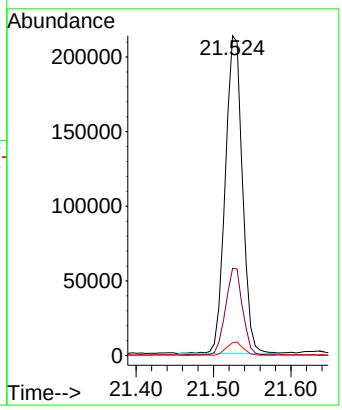


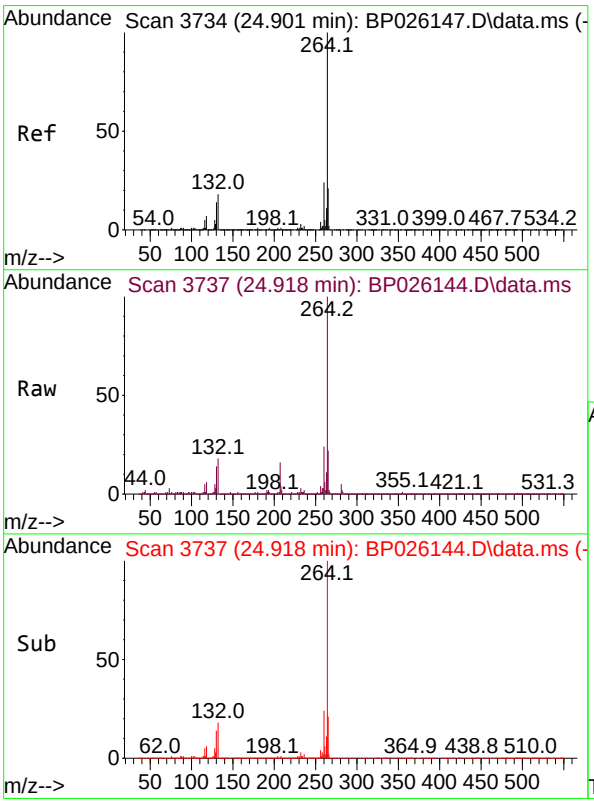
#84
Bis(2-ethylhexyl)phthalate
Concen: 5.749 ng
RT: 21.524 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 328471

Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.1	33.1
279	4.1	3.3	4.9

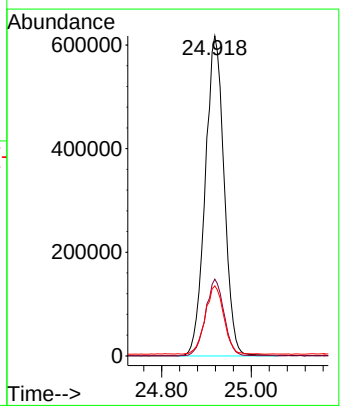


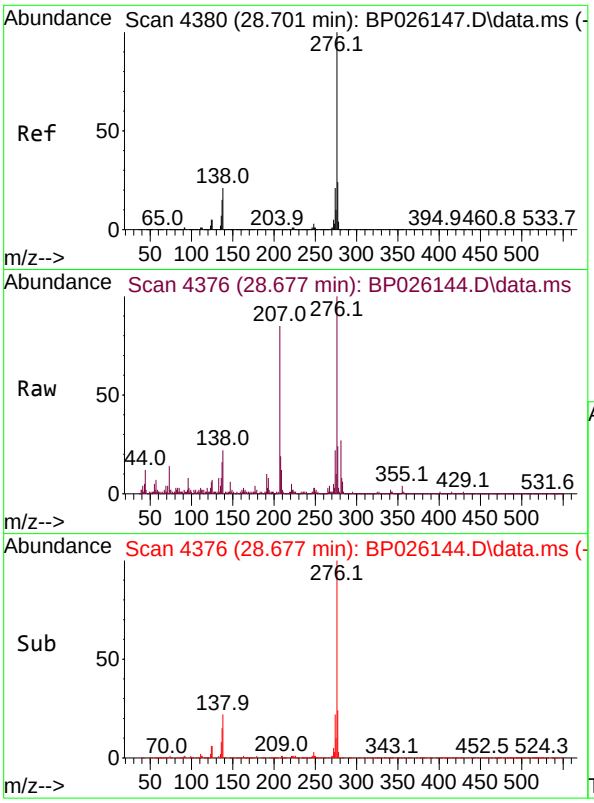


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.918 min Scan# 3737
Delta R.T. 0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:264 Resp: 1801943

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	21.9	17.5	26.3



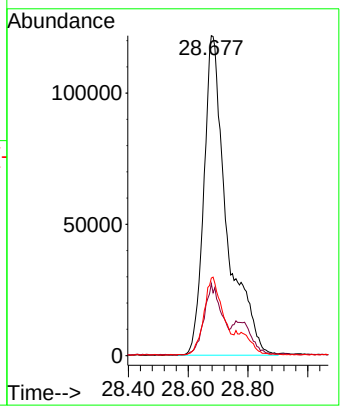


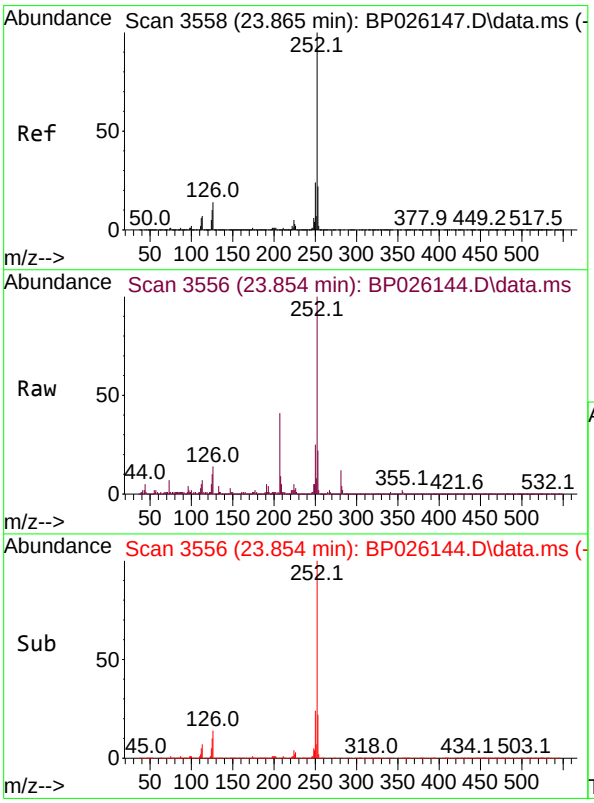
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.913 ng
RT: 28.677 min Scan# 4
Delta R.T. -0.029 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:276 Resp: 649473

Ion	Ratio	Lower	Upper
276	100		
138	17.0	13.8	20.8
277	20.2	16.7	25.1

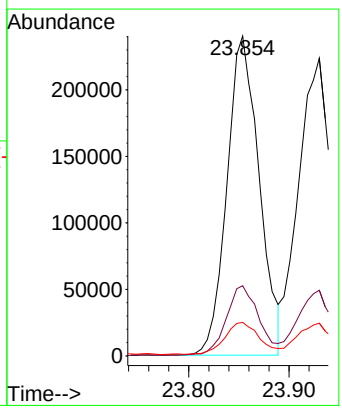


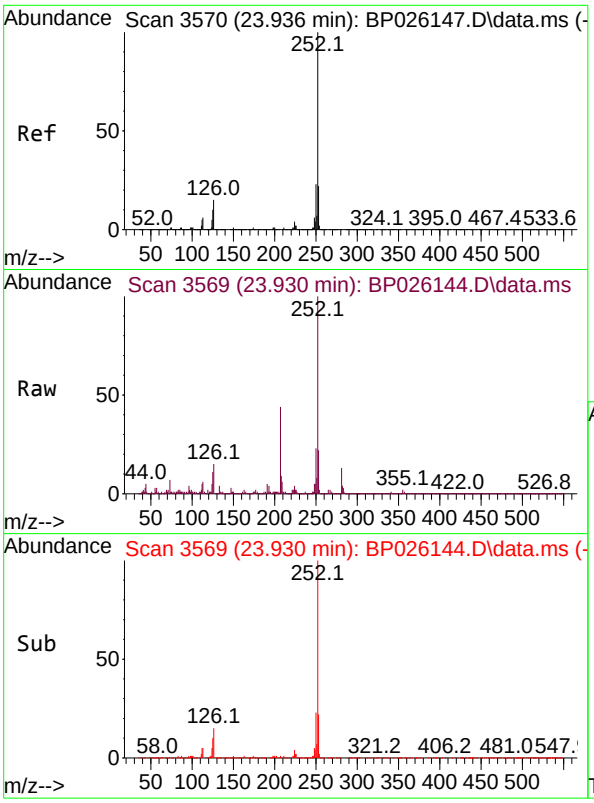


#88
Benzo(b)fluoranthene
Concen: 4.848 ng
RT: 23.854 min Scan# 3556
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:252 Resp: 535938

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	10.5	8.2	12.4



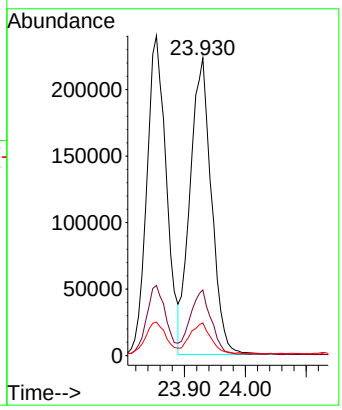


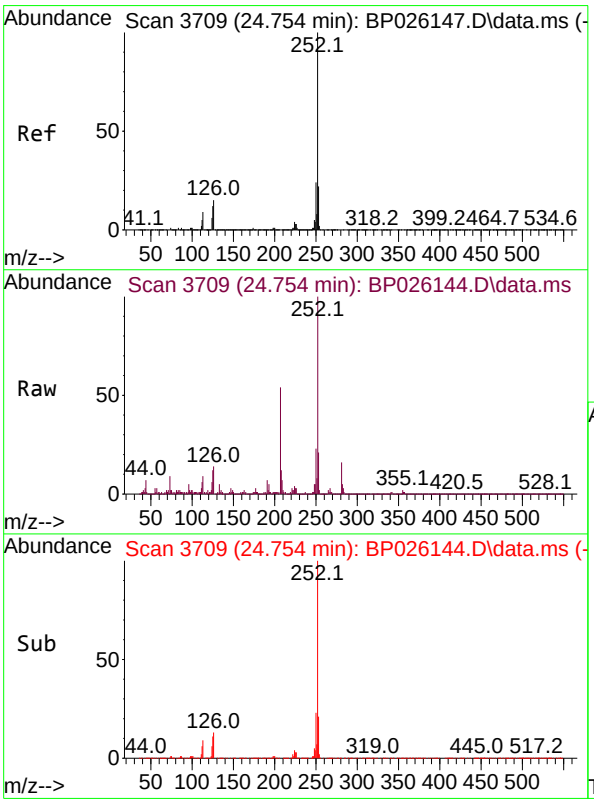
#89
Benzo(k)fluoranthene
Concen: 4.807 ng
RT: 23.930 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 543312

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	11.0	7.5	11.3

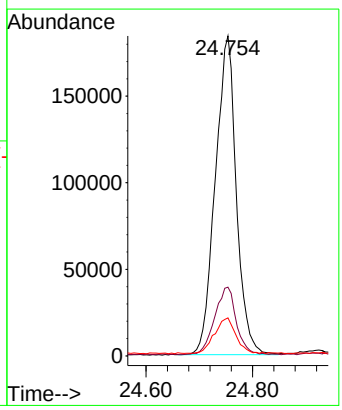


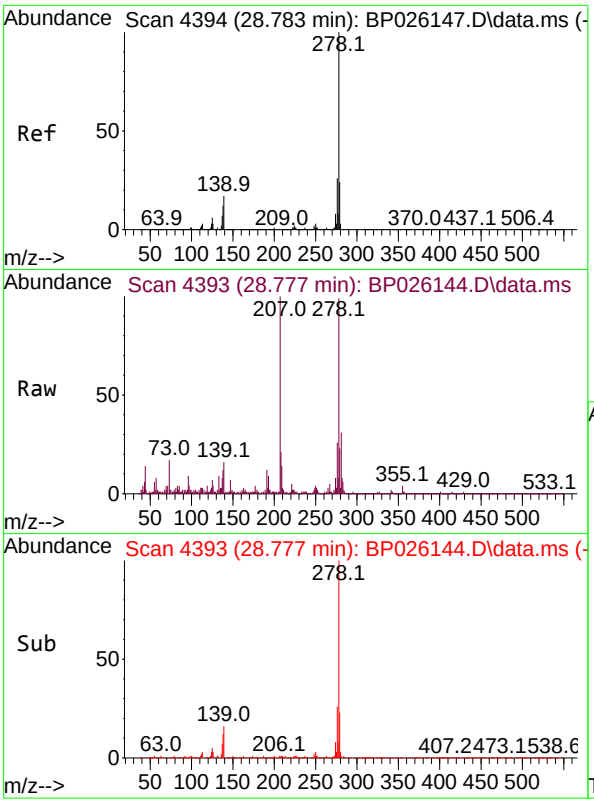


#90
Benzo(a)pyrene
Concen: 4.939 ng
RT: 24.754 min Scan# 3709
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:252 Resp: 504836

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.2
125	11.9	9.0	13.6



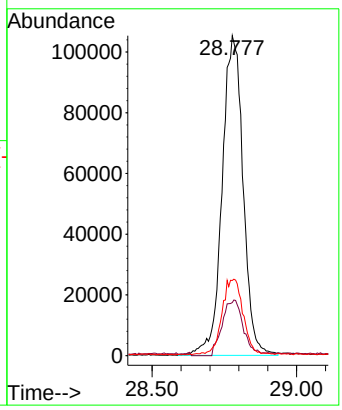


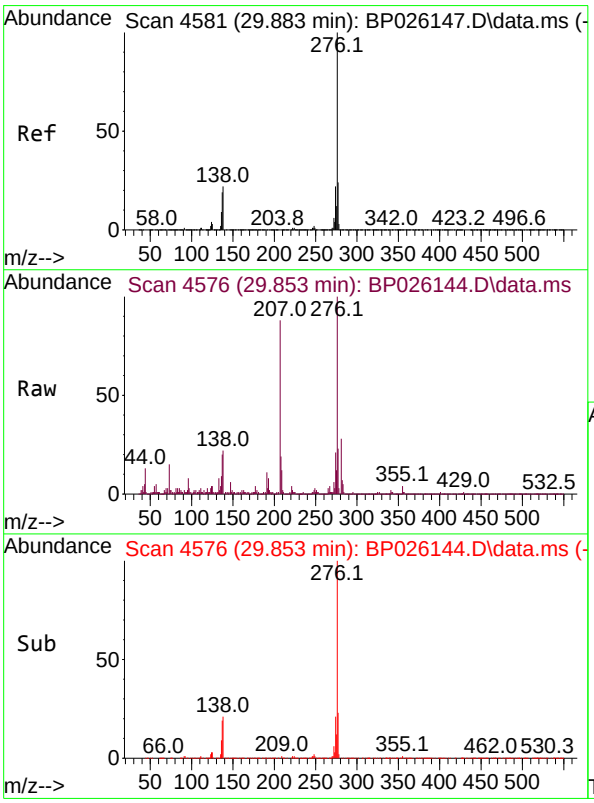
#91
Dibenzo(a,h)anthracene
Concen: 4.920 ng
RT: 28.777 min Scan# 4
Delta R.T. -0.017 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:278 Resp: 530340

Ion	Ratio	Lower	Upper
278	100		
139	16.6	13.2	19.8
279	23.5	19.2	28.8

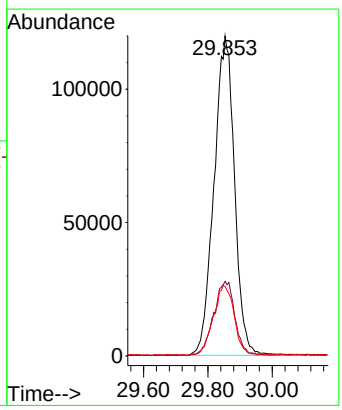




#92
Benzo(g,h,i)perylene
Concen: 5.083 ng
RT: 29.853 min Scan# 4576
Delta R.T. -0.029 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:276 Resp: 529220

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.8	28.2
138	21.7	17.8	26.6



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026145.D
Acq On : 18 Nov 2025 15:54
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Quant Time: Nov 19 00:39:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.672	152	248452	20.000	ng		0.00
21) Naphthalene-d8	10.437	136	980614	20.000	ng		-0.01
39) Acenaphthene-d10	14.313	164	630488	20.000	ng		-0.01
64) Phenanthrene-d10	17.125	188	1297120	20.000	ng		0.00
76) Chrysene-d12	21.572	240	1508224	20.000	ng		0.00
86) Perylene-d12	24.918	264	1757840	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.290	112	310270	20.603	ng		0.00
7) Phenol-d6	6.849	99	388699	20.348	ng		0.00
23) Nitrobenzene-d5	8.808	82	349731	22.067	ng		0.00
42) 2,4,6-Tribromophenol	15.831	330	159702	23.122	ng		0.00
45) 2-Fluorobiphenyl	12.919	172	909238	20.807	ng		-0.01
79) Terphenyl-d14	19.866	244	1563806	21.144	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.225	88	64612	10.226	ng		99
3) Pyridine	3.620	79	181259	10.090	ng		99
4) n-Nitrosodimethylamine	3.525	42	66399	9.326	ng	#	94
6) Aniline	7.002	93	254679	10.001	ng		99
8) 2-Chlorophenol	7.237	128	173633	10.408	ng		98
9) Benzaldehyde	6.819	77	119591	12.428	ng		99
10) Phenol	6.872	94	206001	9.752	ng		98
11) bis(2-Chloroethyl)ether	7.102	93	165713	9.908	ng		97
12) 1,3-Dichlorobenzene	7.561	146	189523	9.947	ng		99
13) 1,4-Dichlorobenzene	7.708	146	192215	9.966	ng		98
14) 1,2-Dichlorobenzene	8.019	146	184124	9.995	ng		100
15) Benzyl Alcohol	7.902	79	133455	9.660	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.190	45	228694	9.130	ng		98
17) 2-Methylphenol	8.108	107	139821	10.067	ng		99
18) Hexachloroethane	8.743	117	69441	10.421	ng		96
19) n-Nitroso-di-n-propyla...	8.460	70	119306	10.077	ng		98
20) 3+4-Methylphenols	8.431	107	190027	9.845	ng		99
22) Acetophenone	8.478	105	255635	10.340	ng	#	99
24) Nitrobenzene	8.849	77	174709	10.525	ng		99
25) Isophorone	9.378	82	339778	10.129	ng		99
26) 2-Nitrophenol	9.555	139	80502	14.210	ng		96
27) 2,4-Dimethylphenol	9.619	122	160115	11.184	ng		99
28) bis(2-Chloroethoxy)met...	9.855	93	215062	10.157	ng		99
29) 2,4-Dichlorophenol	10.090	162	157750	10.558	ng		100
30) 1,2,4-Trichlorobenzene	10.302	180	165087	10.189	ng		100
31) Naphthalene	10.484	128	546001	10.256	ng		99
32) Benzoic acid	9.702	122	102438	11.868	ng		99
33) 4-Chloroaniline	10.590	127	225844	10.919	ng		98
34) Hexachlorobutadiene	10.784	225	106776	10.297	ng		98
35) Caprolactam	11.354	113	55204	10.571	ng		93
36) 4-Chloro-3-methylphenol	11.725	107	167761	10.736	ng		98
37) 2-Methylnaphthalene	12.101	142	387952	10.423	ng		99
38) 1-Methylnaphthalene	12.325	142	376177	10.395	ng		98
40) 1,2,4,5-Tetrachloroben...	12.472	216	192367	9.860	ng		100
41) Hexachlorocyclopentadiene	12.460	237	109280	13.468	ng		100
43) 2,4,6-Trichlorophenol	12.713	196	127331	10.910	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026145.D
Acq On : 18 Nov 2025 15:54
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Quant Time: Nov 19 00:39:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration

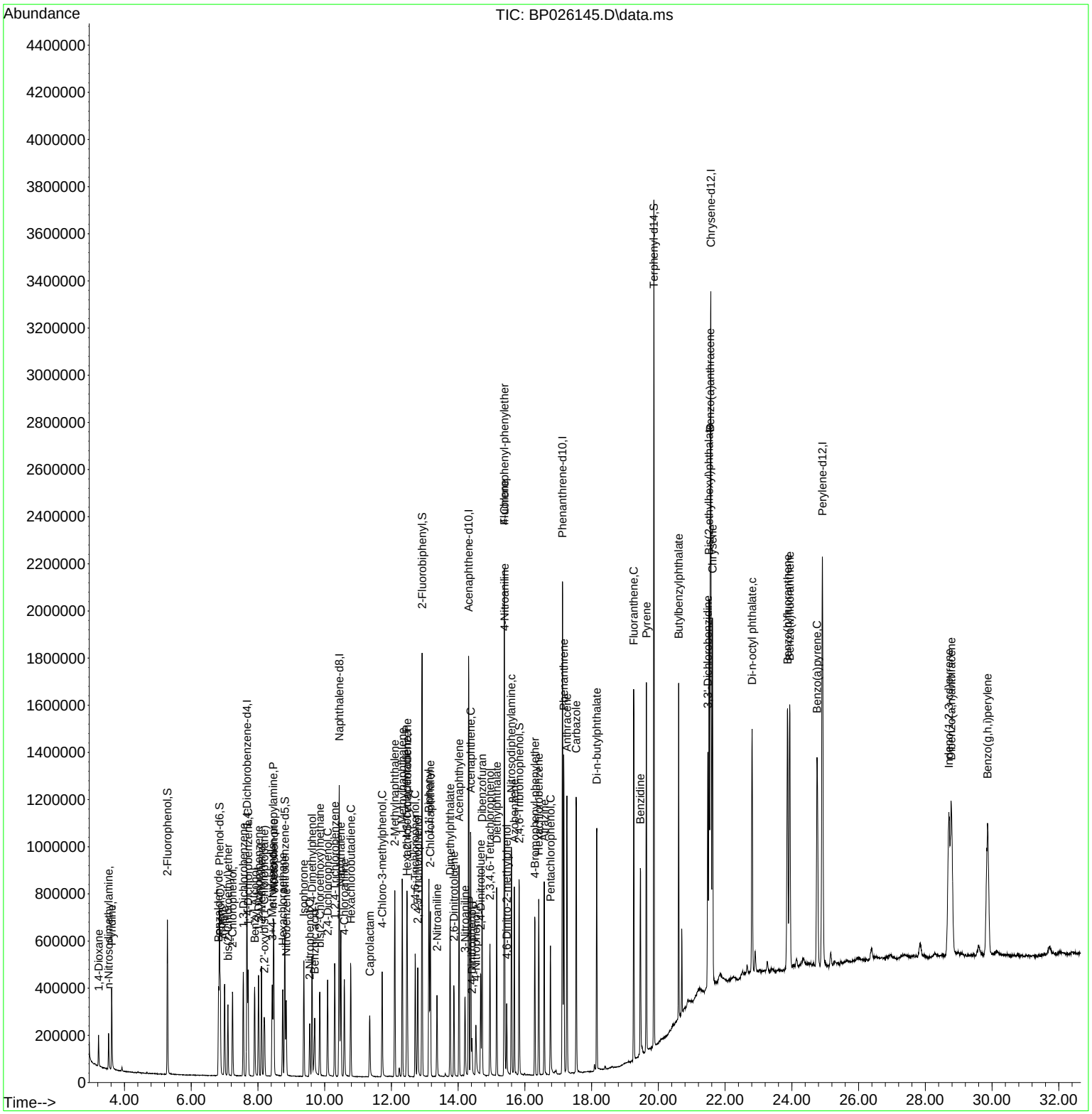
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.790	196	143128	10.794	ng		98
46) 1,1'-Biphenyl	13.125	154	485448	10.101	ng		99
47) 2-Chloronaphthalene	13.166	162	382981	10.136	ng		99
48) 2-Nitroaniline	13.366	65	97829	11.256	ng		93
49) Acenaphthylene	14.025	152	626312	11.215	ng		99
50) Dimethylphthalate	13.760	163	478267	10.476	ng		99
51) 2,6-Dinitrotoluene	13.872	165	84028	10.948	ng		90
52) Acenaphthene	14.378	154	372613	9.972	ng		99
53) 3-Nitroaniline	14.207	138	103894	11.189	ng	#	94
54) 2,4-Dinitrophenol	14.413	184	38962	11.062	ng	#	89
55) Dibenzofuran	14.719	168	577473	10.148	ng		98
56) 4-Nitrophenol	14.531	139	91274	9.876	ng		92
57) 2,4-Dinitrotoluene	14.678	165	128442	11.467	ng		100
58) Fluorene	15.384	166	469782	10.507	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.954	232	123375	11.749	ng		99
60) Diethylphthalate	15.154	149	475038	10.343	ng		99
61) 4-Chlorophenyl-phenyle...	15.384	204	226085	10.144	ng		97
62) 4-Nitroaniline	15.390	138	113144	11.490	ng		98
63) Azobenzene	15.684	77	402256	9.741	ng		100
65) 4,6-Dinitro-2-methylph...	15.454	198	64177	11.592	ng		93
66) n-Nitrosodiphenylamine	15.595	169	415043	10.270	ng		99
67) 4-Bromophenyl-phenylether	16.301	248	142168	9.873	ng		98
68) Hexachlorobenzene	16.413	284	168597	10.292	ng		100
69) Atrazine	16.584	200	150203	10.842	ng		98
70) Pentachlorophenol	16.766	266	109980	10.777	ng		100
71) Phenanthrene	17.166	178	764343	10.200	ng		99
72) Anthracene	17.260	178	774553	10.360	ng		100
73) Carbazole	17.536	167	763690	10.854	ng		99
74) Di-n-butylphthalate	18.154	149	836819	10.517	ng		99
75) Fluoranthene	19.260	202	949438	10.812	ng		100
77) Benzidine	19.460	184	547975	13.836	ng		99
78) Pyrene	19.642	202	994219	9.871	ng		100
80) Butylbenzylphthalate	20.607	149	416294	12.328	ng		98
81) Benzo(a)anthracene	21.554	228	1056422	10.258	ng		99
82) 3,3'-Dichlorobenzidine	21.483	252	386780	11.403	ng		99
83) Chrysene	21.619	228	1007569	10.321	ng		100
84) Bis(2-ethylhexyl)phtha...	21.519	149	622482	11.273	ng		100
85) Di-n-octyl phthalate	22.807	149	1066561	11.335	ng		99
87) Indeno(1,2,3-cd)pyrene	28.706	276	1303884	10.110	ng		99
88) Benzo(b)fluoranthene	23.871	252	1077584	9.993	ng		100
89) Benzo(k)fluoranthene	23.936	252	1079191	9.789	ng		98
90) Benzo(a)pyrene	24.754	252	1013571	10.165	ng		99
91) Dibenzo(a,h)anthracene	28.777	278	1072192	10.197	ng		99
92) Benzo(g,h,i)perylene	29.865	276	1080830	10.641	ng		99

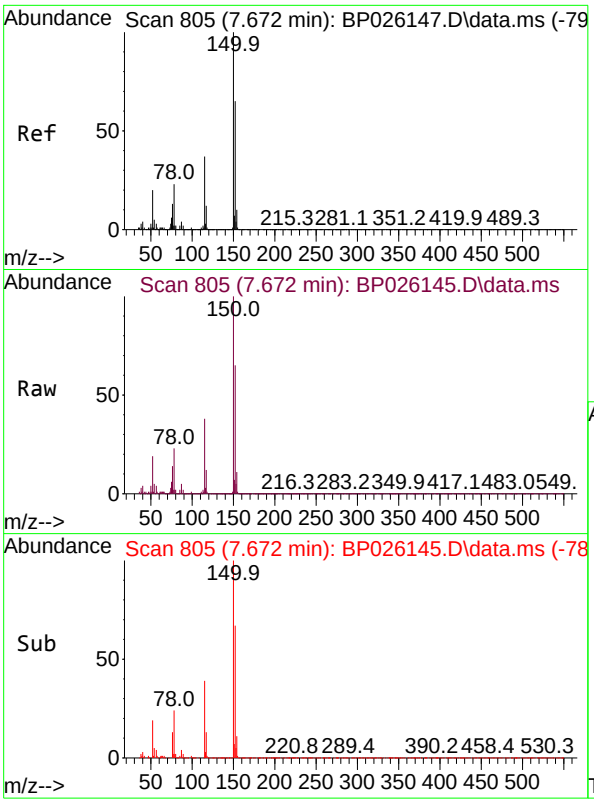
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Data File : BP026145.D
Acq On : 18 Nov 2025 15:54
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Quant Time: Nov 19 00:39:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration



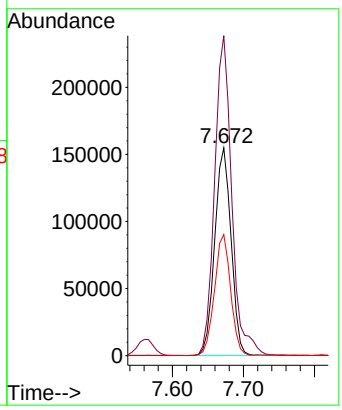


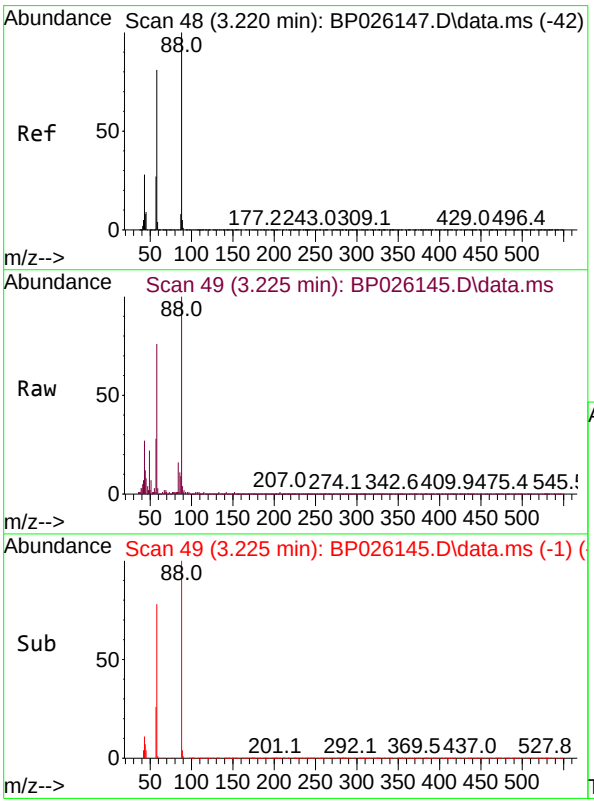
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 248452

Ion	Ratio	Lower	Upper
152	100		
150	154.0	123.0	184.6
115	58.2	46.3	69.5

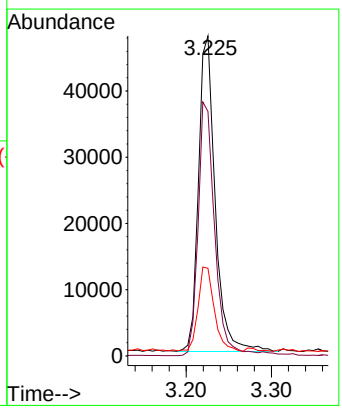


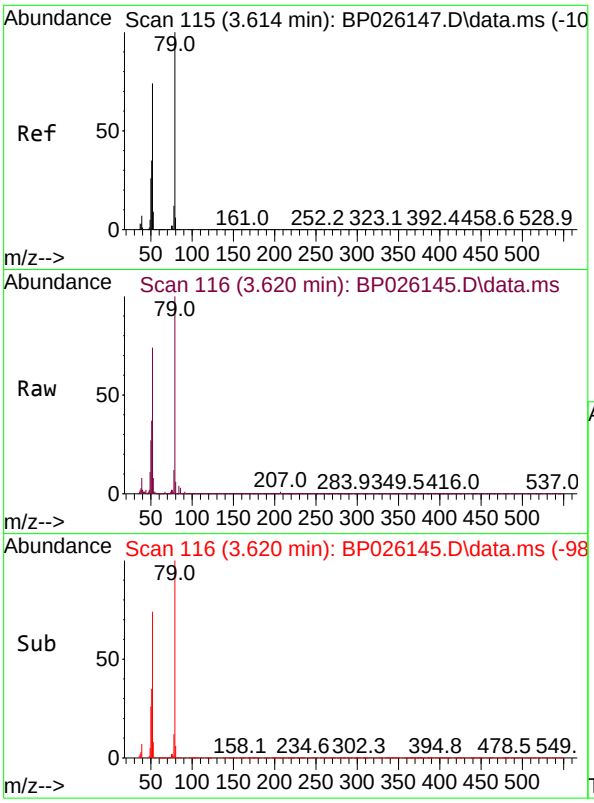


#2
1,4-Dioxane
Concen: 10.226 ng
RT: 3.225 min Scan# 49
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion: 88 Resp: 64612

Ion	Ratio	Lower	Upper
88	100		
58	81.1	64.2	96.4
43	25.7	21.5	32.3



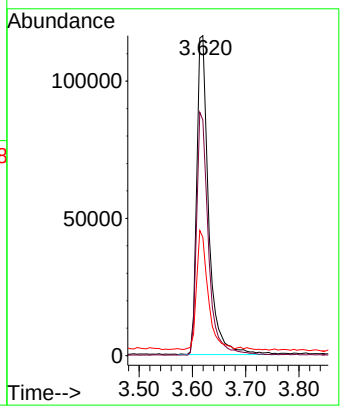


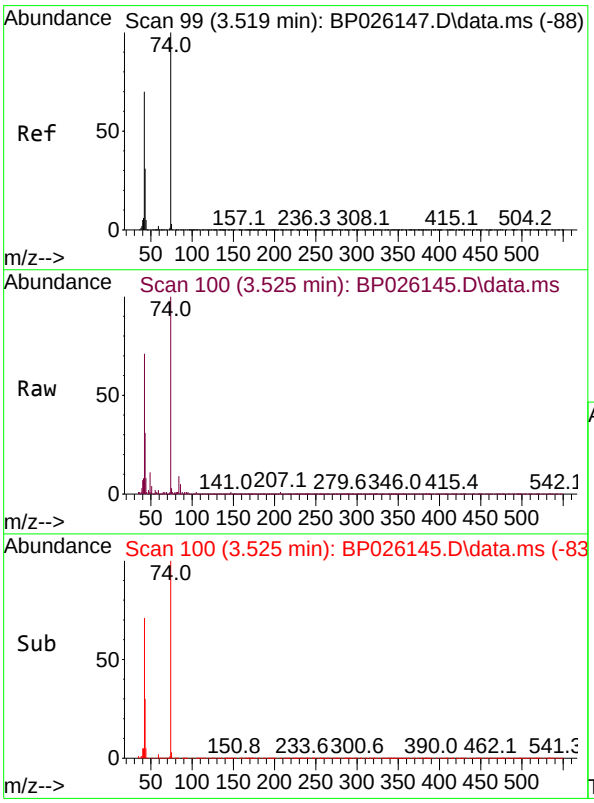
#3
Pyridine
Concen: 10.090 ng
RT: 3.620 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 181259

Ion	Ratio	Lower	Upper
79	100		
52	73.6	60.2	90.2
51	37.0	29.5	44.3

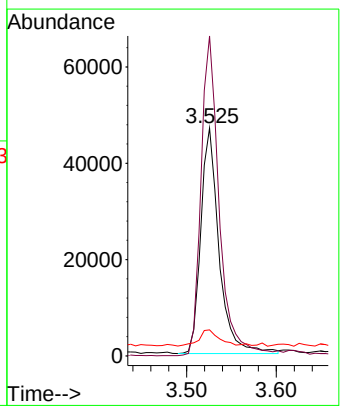


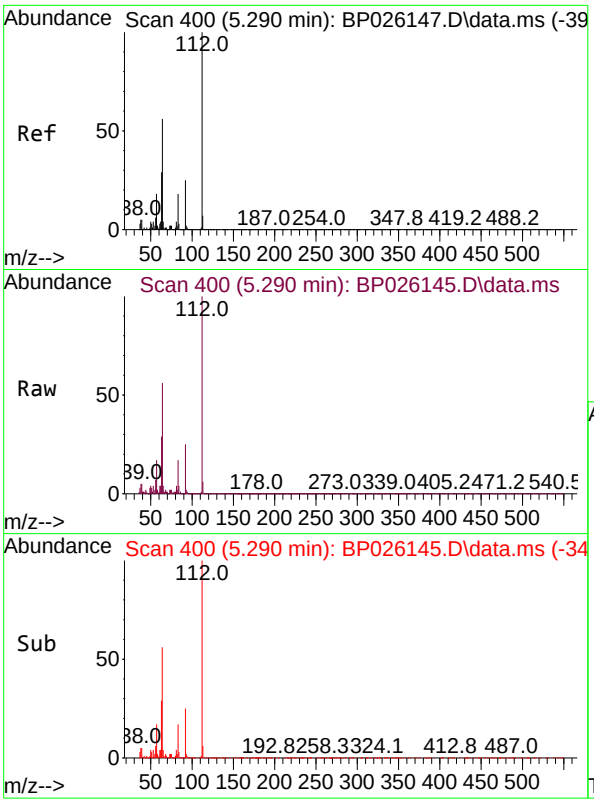


#4
n-Nitrosodimethylamine
Concen: 9.326 ng
RT: 3.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion: 42 Resp: 66399

Ion	Ratio	Lower	Upper
42	100		
74	140.4	118.1	177.1
44	11.4	6.2	9.4#



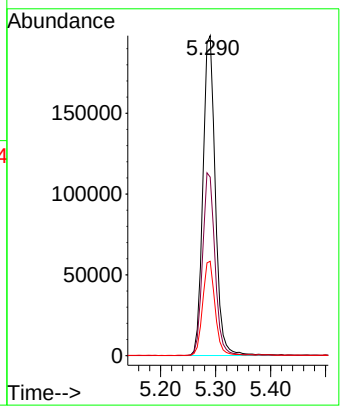


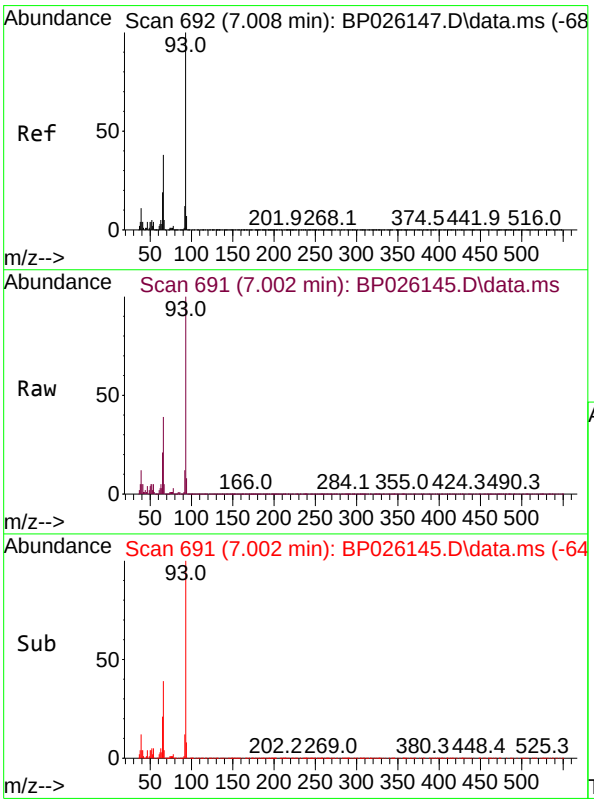
#5
2-Fluorophenol
Concen: 20.603 ng
RT: 5.290 min Scan# 40
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:112 Resp: 310270

Ion	Ratio	Lower	Upper
112	100		
64	55.8	45.8	68.6
63	29.5	23.5	35.3

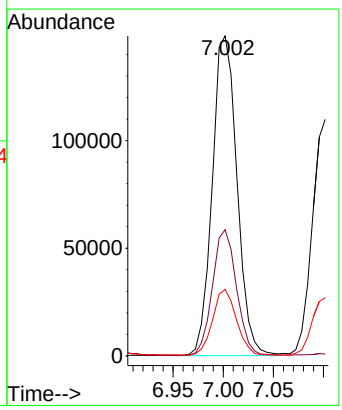


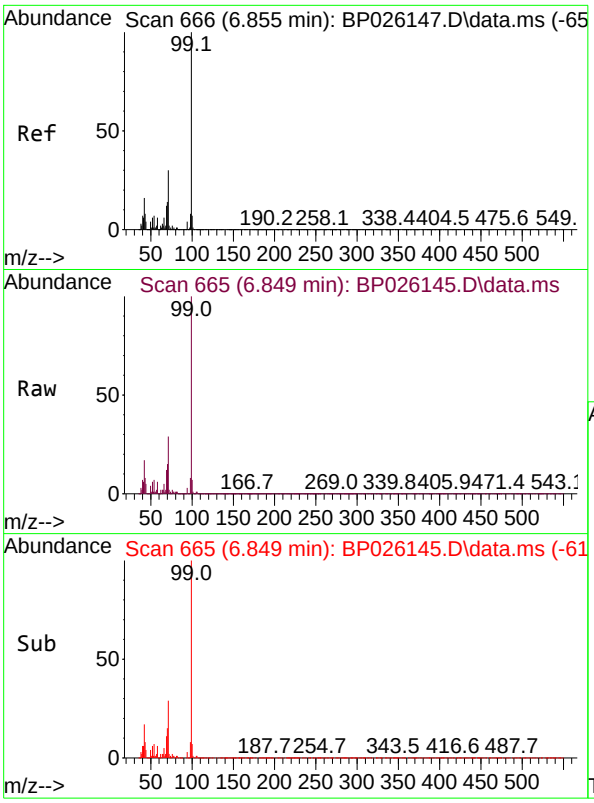


#6
Aniline
Concen: 10.001 ng
RT: 7.002 min Scan# 691
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion: 93 Resp: 254679

Ion	Ratio	Lower	Upper
93	100		
66	39.4	31.7	47.5
65	20.8	15.8	23.6



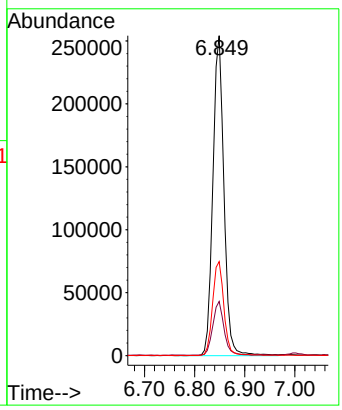


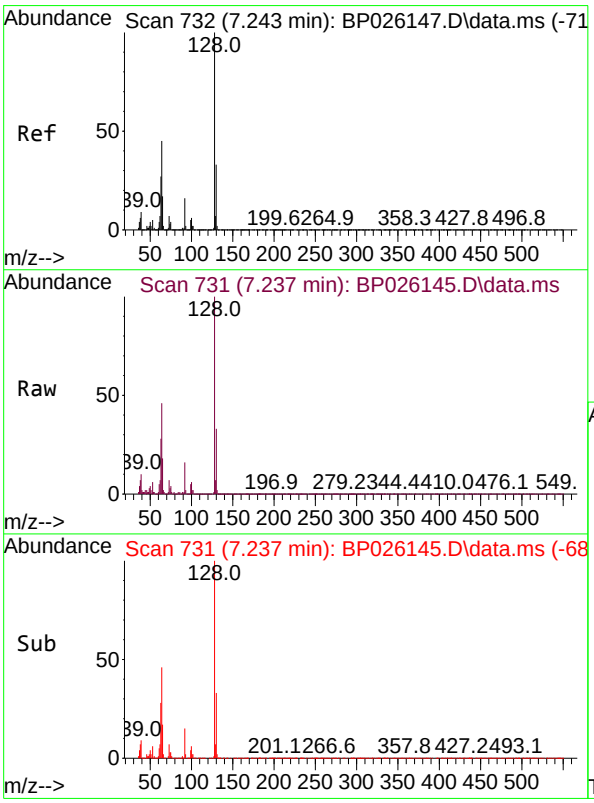
#7
Phenol-d6
Concen: 20.348 ng
RT: 6.849 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 388699

Ion	Ratio	Lower	Upper
99	100		
42	16.9	12.9	19.3
71	29.4	24.8	37.2

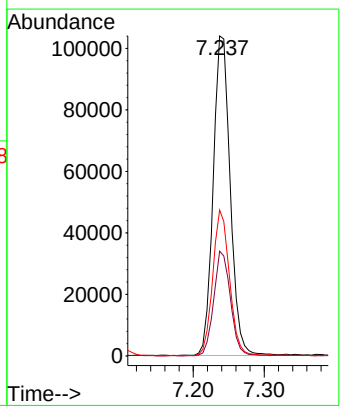


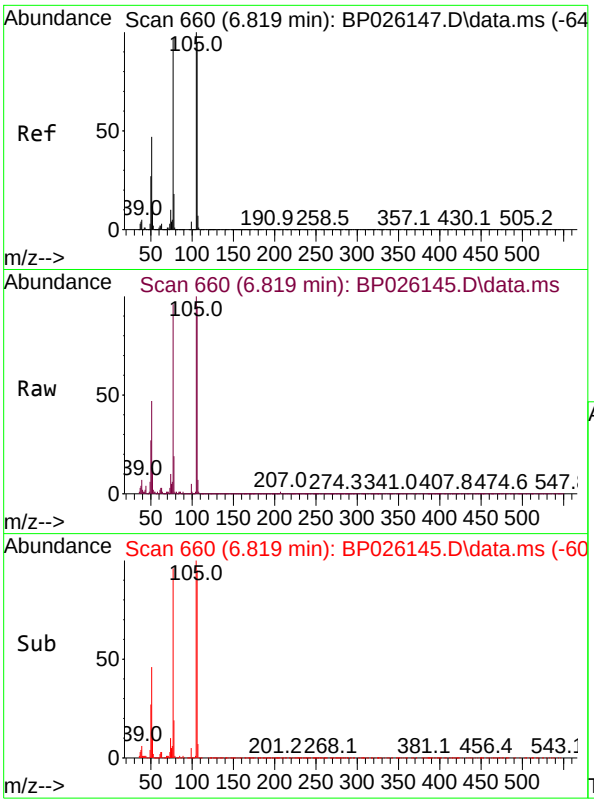


#8
2-Chlorophenol
Concen: 10.408 ng
RT: 7.237 min Scan# 731
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:128 Resp: 173633

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.4	52.4
64	45.6	23.9	63.9



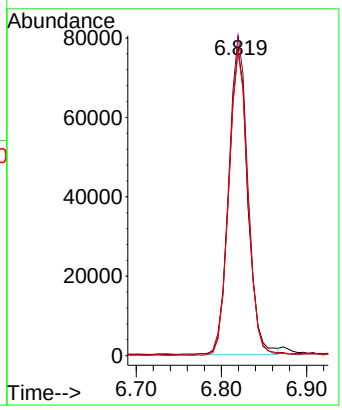


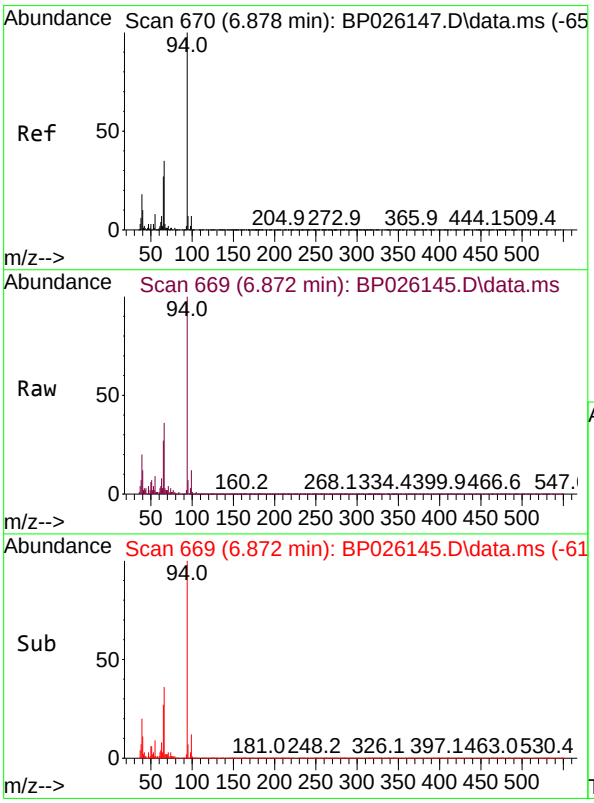
#9
Benzaldehyde
Concen: 12.428 ng
RT: 6.819 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 119591

Ion	Ratio	Lower	Upper
77	100		
105	104.1	82.9	122.9
106	99.0	77.8	117.8

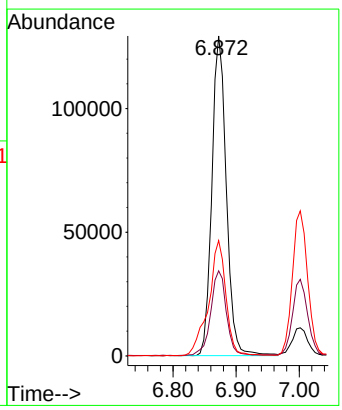


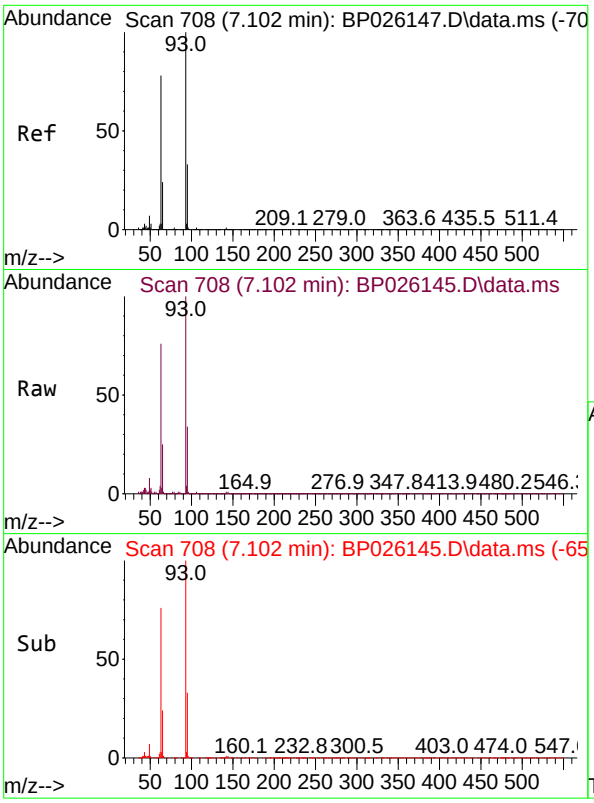


#10
Phenol
Concen: 9.752 ng
RT: 6.872 min Scan# 669
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion: 94 Resp: 206001

Ion	Ratio	Lower	Upper
94	100		
65	26.6	7.0	47.0
66	36.0	14.5	54.5



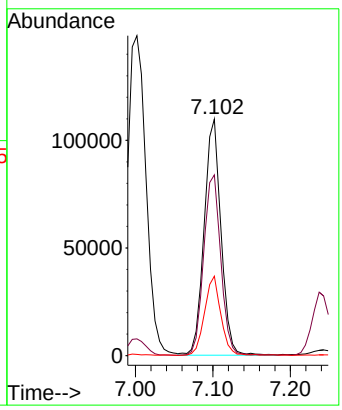


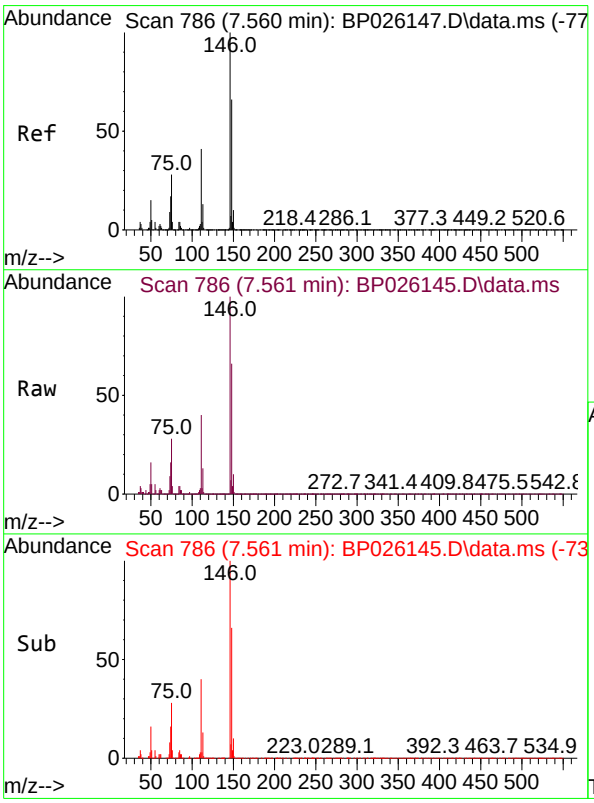
#11
bis(2-Chloroethyl)ether
Concen: 9.908 ng
RT: 7.102 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 93 Resp: 165713

Ion	Ratio	Lower	Upper
93	100		
63	76.4	58.8	98.8
95	33.6	12.1	52.1

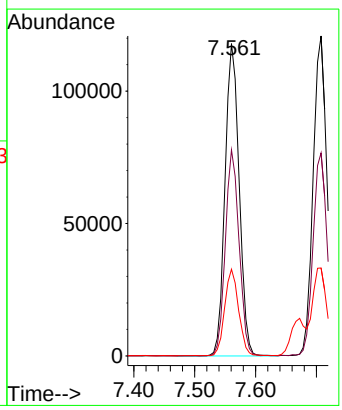


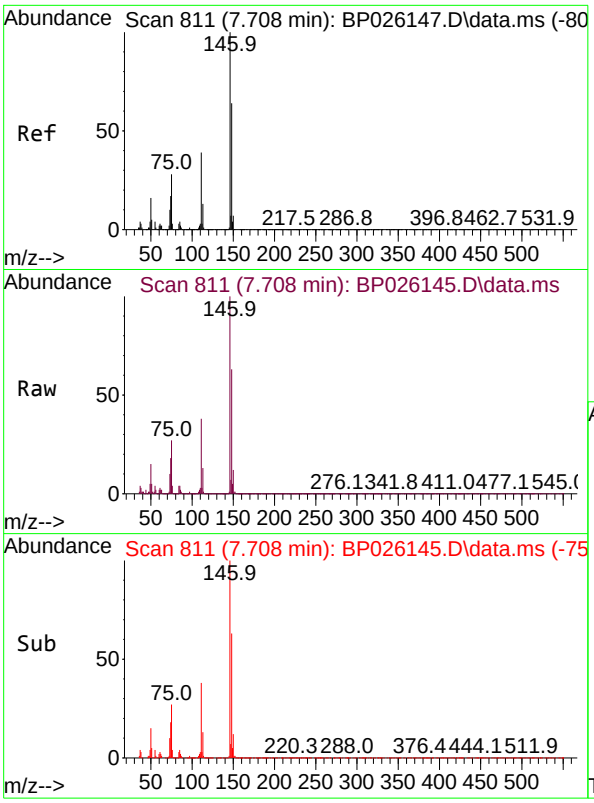


#12
1,3-Dichlorobenzene
Concen: 9.947 ng
RT: 7.561 min Scan# 786
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:146 Resp: 189523

Ion	Ratio	Lower	Upper
146	100		
148	66.0	51.8	77.8
75	27.7	22.2	33.2



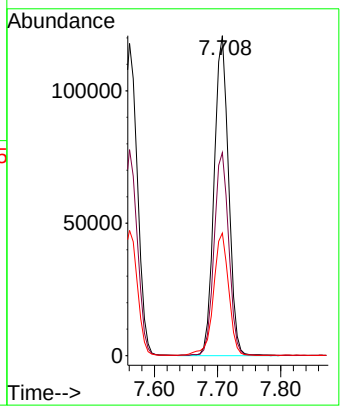


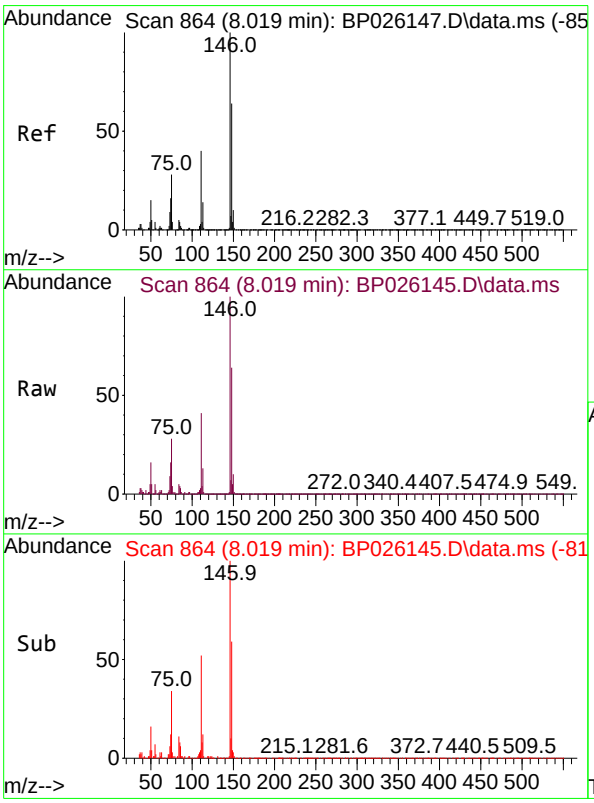
#13
1,4-Dichlorobenzene
Concen: 9.966 ng
RT: 7.708 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:146 Resp: 192215

Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.4	77.2
111	38.3	31.7	47.5

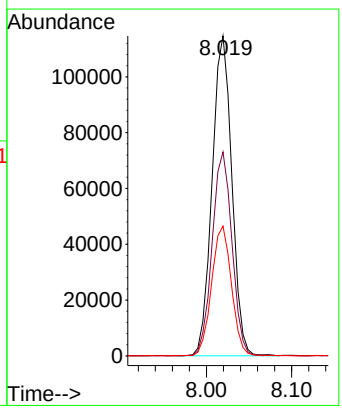


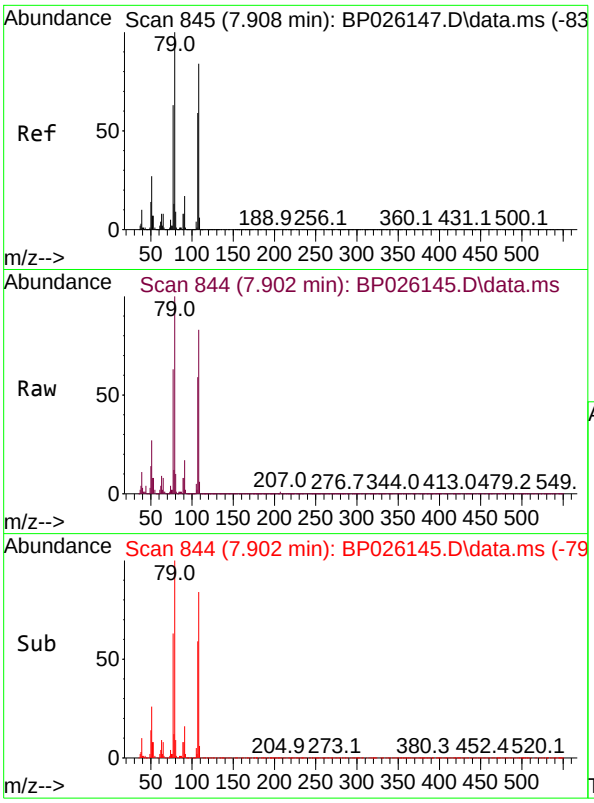


#14
1,2-Dichlorobenzene
Concen: 9.995 ng
RT: 8.019 min Scan# 864
Delta R.T. 0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:146 Resp: 184124

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.0	76.6
111	40.6	33.0	49.4



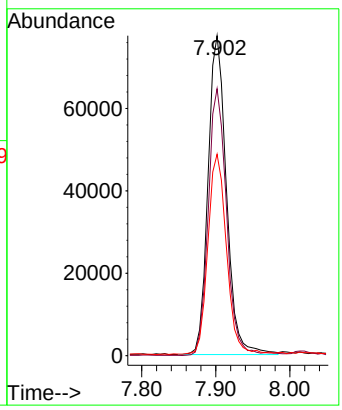


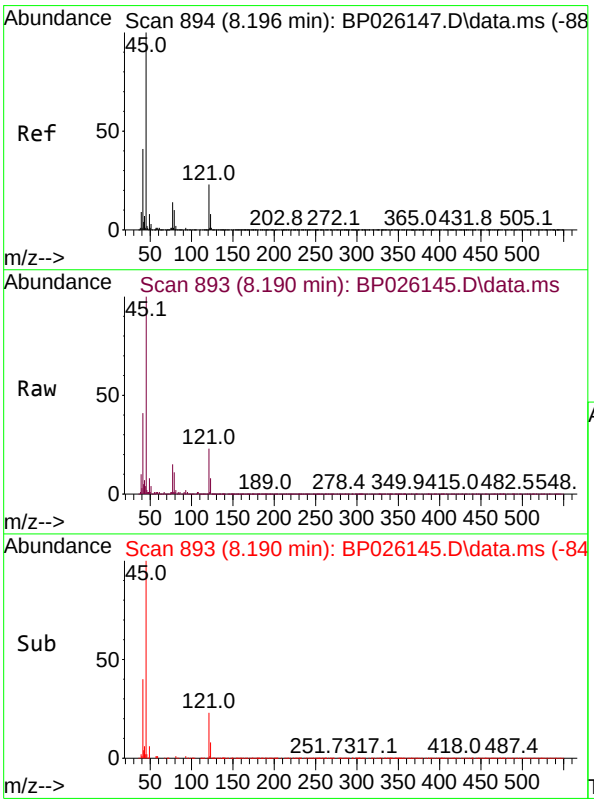
#15
Benzyl Alcohol
Concen: 9.660 ng
RT: 7.902 min Scan# 84
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 133455

Ion	Ratio	Lower	Upper
79	100		
108	83.4	66.2	99.4
77	62.9	50.0	75.0

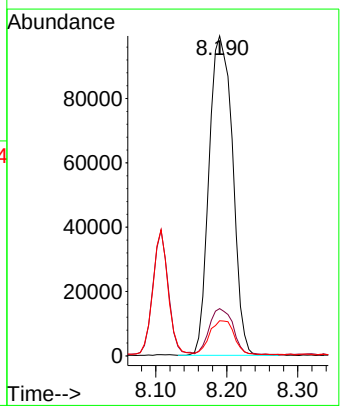


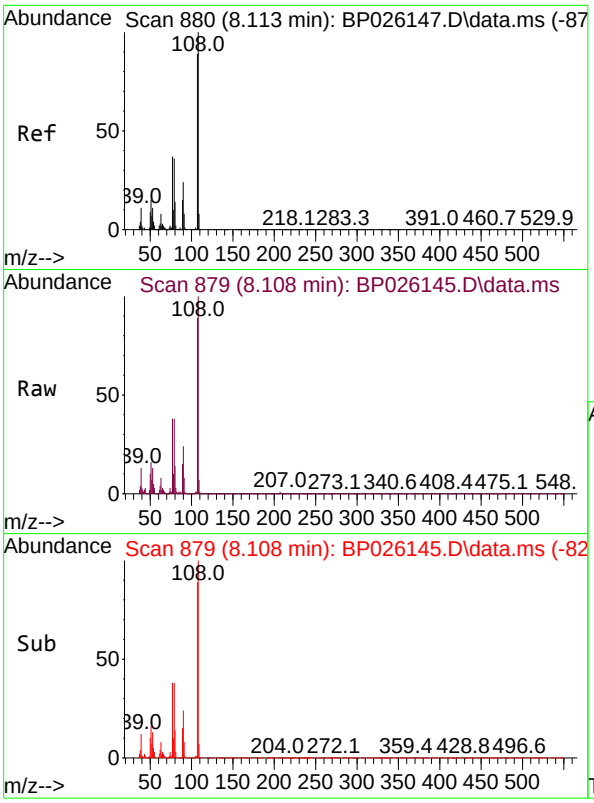


#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.130 ng
RT: 8.190 min Scan# 893
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion: 45 Resp: 228694

Ion	Ratio	Lower	Upper
45	100		
77	14.8	0.0	33.9
79	11.0	0.0	30.4



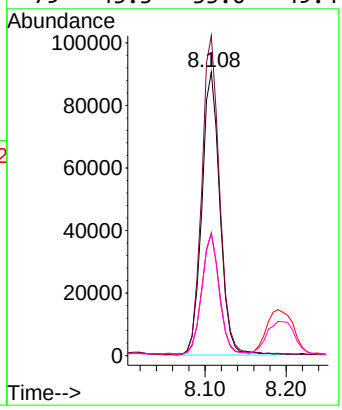


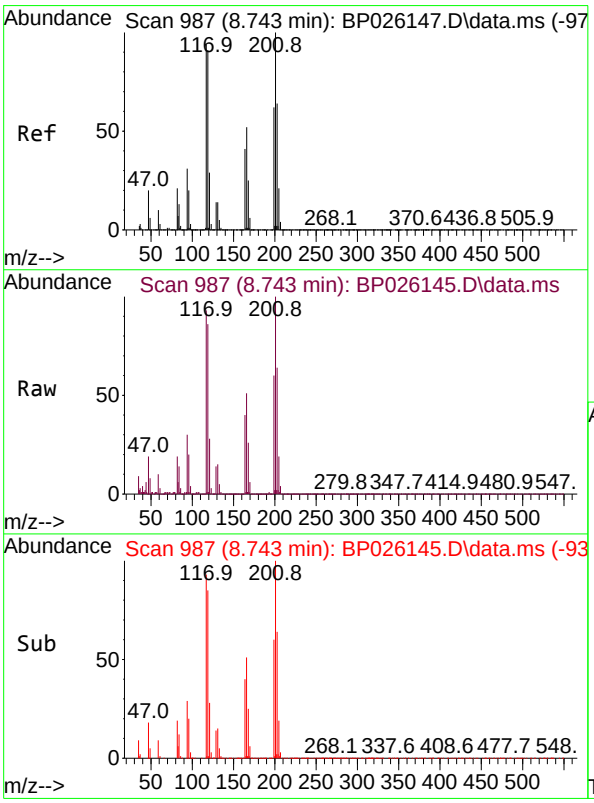
#17
2-Methylphenol
Concen: 10.067 ng
RT: 8.108 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:107 Resp: 139821

Ion	Ratio	Lower	Upper
107	100		
108	112.8	89.7	134.5
77	43.2	33.9	50.9
79	43.3	33.0	49.4

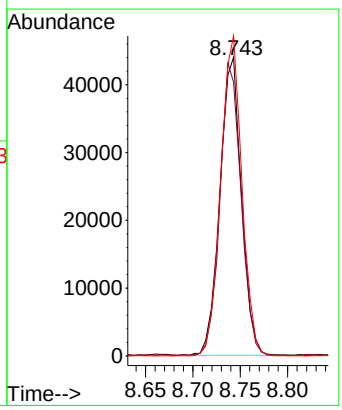


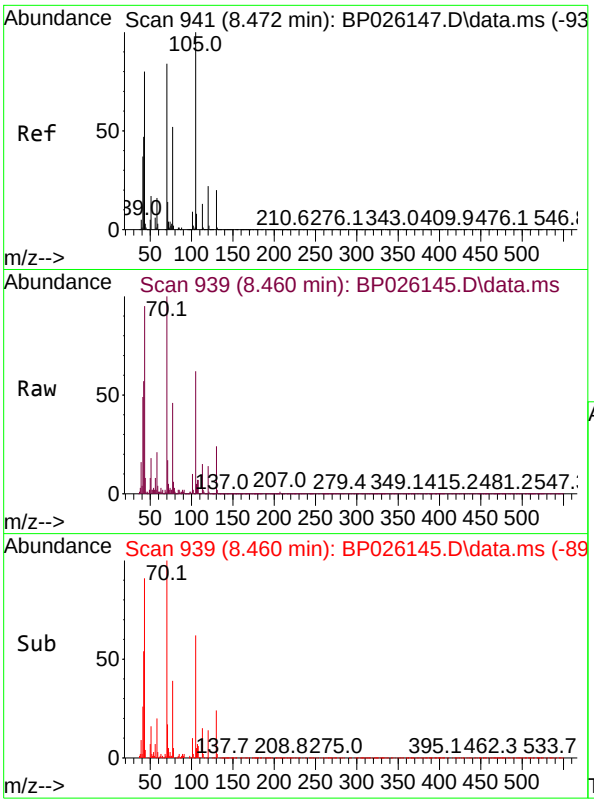


#18
Hexachloroethane
Concen: 10.421 ng
RT: 8.743 min Scan# 987
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:117 Resp: 69441

Ion	Ratio	Lower	Upper
117	100		
119	91.6	78.7	118.1
201	107.2	85.1	127.7



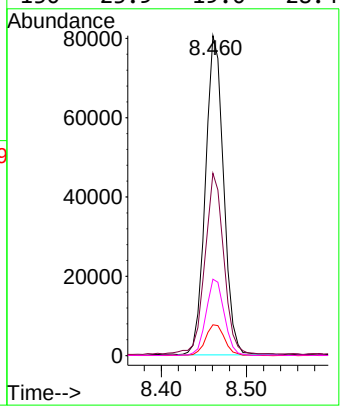


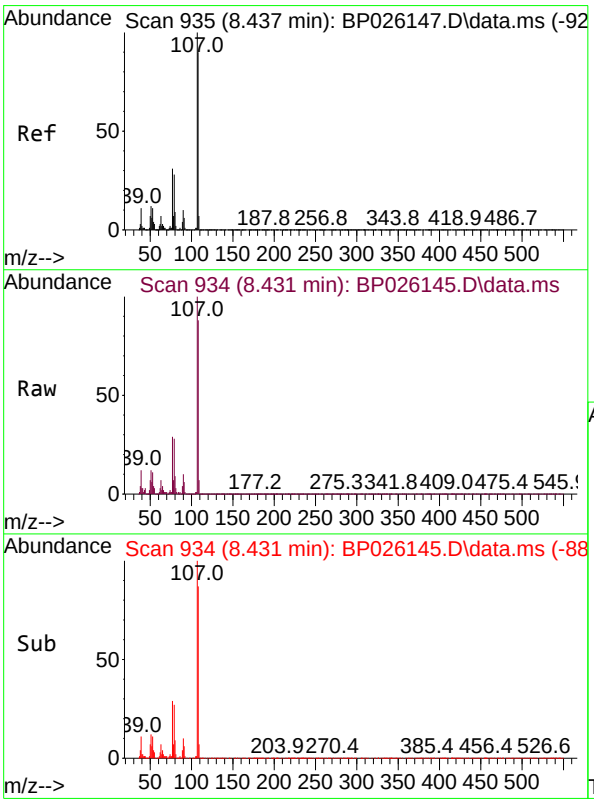
#19
n-Nitroso-di-n-propylamine
Concen: 10.077 ng
RT: 8.460 min Scan# 9
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 70 Resp: 119306

Ion	Ratio	Lower	Upper
70	100		
42	57.0	44.1	66.1
101	9.6	8.2	12.4
130	23.9	19.0	28.4

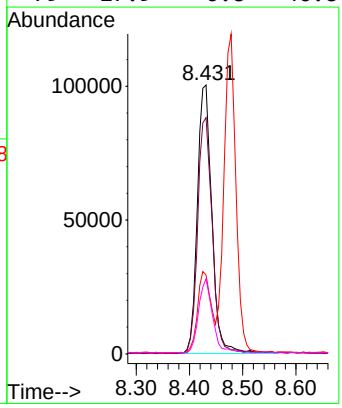


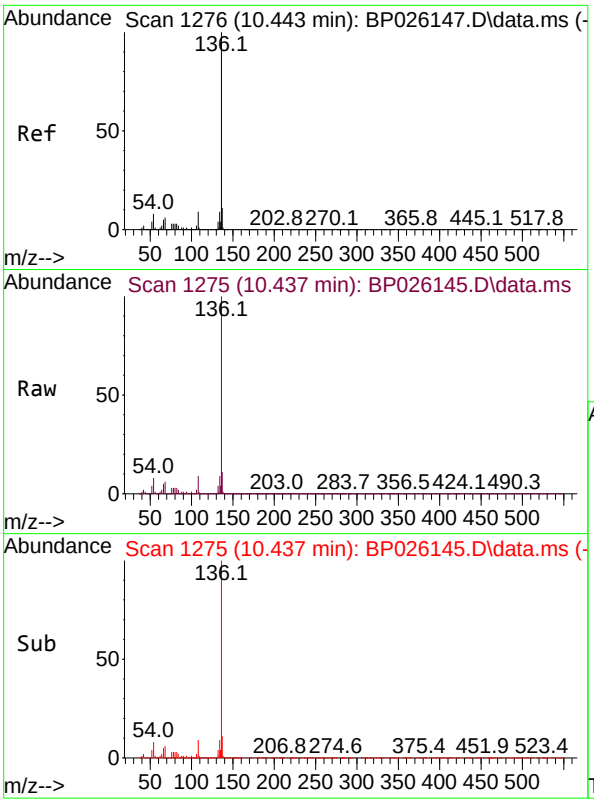


#20
3+4-Methylphenols
Concen: 9.845 ng
RT: 8.431 min Scan# 934
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:107 Resp: 190027

Ion	Ratio	Lower	Upper
107	100		
108	87.9	68.9	108.9
77	29.4	10.4	50.4
79	27.9	6.8	46.8



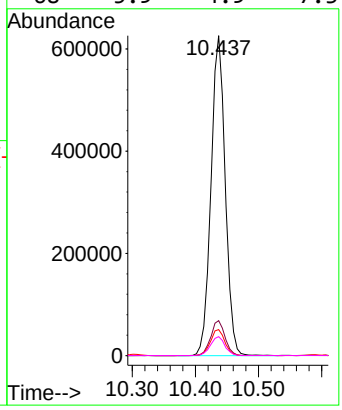


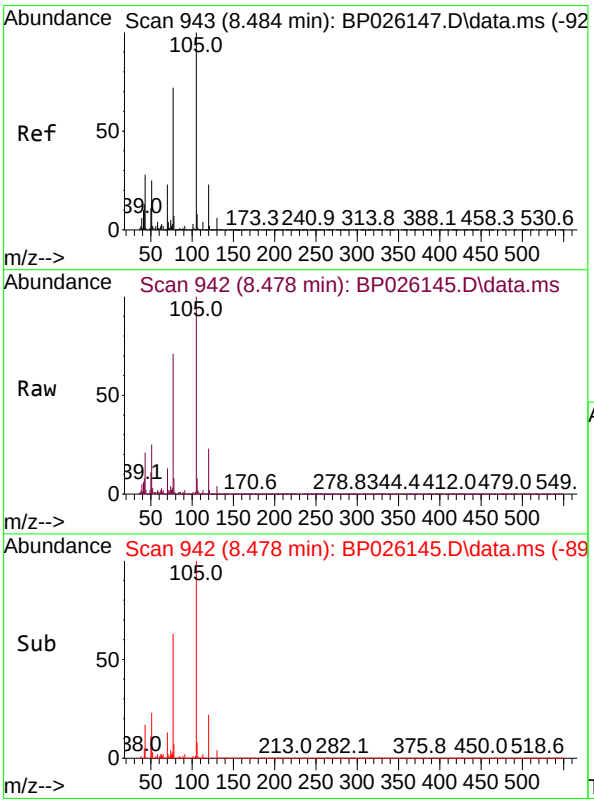
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.437 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:136 Resp: 980614

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	8.1	6.4	9.6
68	5.9	4.9	7.3

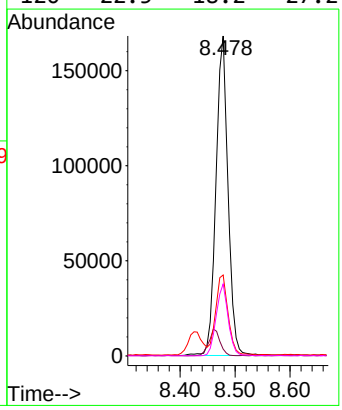


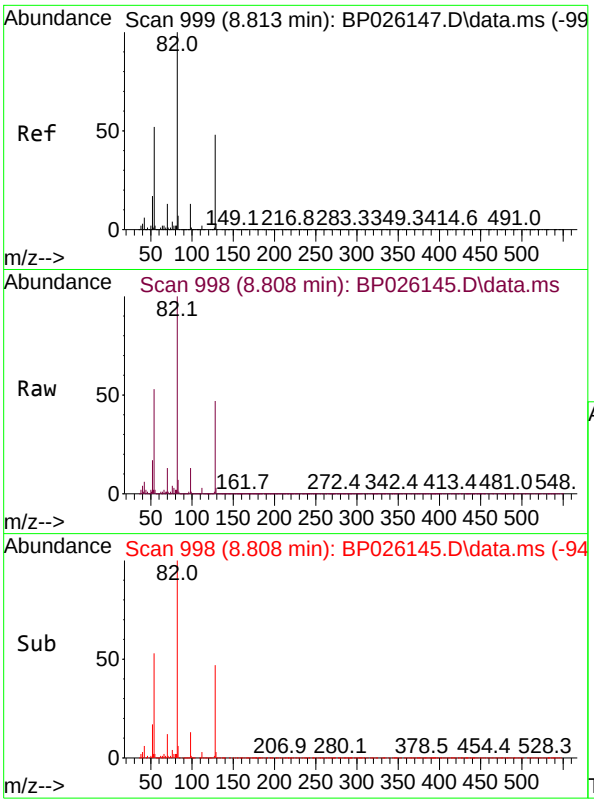


#22
Acetophenone
Concen: 10.340 ng
RT: 8.478 min Scan# 942
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:105 Resp: 255635

Ion	Ratio	Lower	Upper
105	100		
71	2.2	3.0	4.4#
51	25.3	20.5	30.7
120	22.5	18.2	27.2



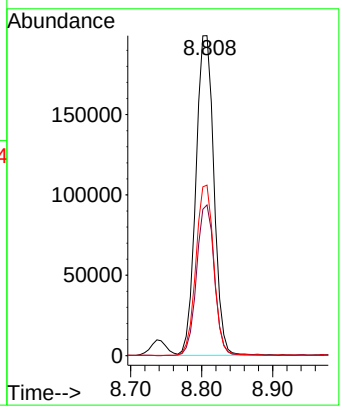


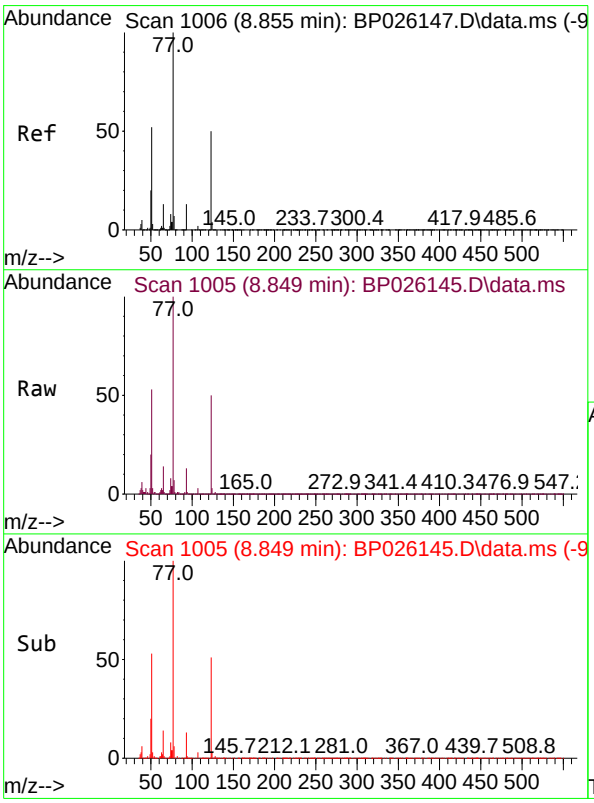
#23
Nitrobenzene-d5
Concen: 22.067 ng
RT: 8.808 min Scan# 99
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 349731

Ion	Ratio	Lower	Upper
82	100		
128	47.1	37.4	56.0
54	53.3	41.6	62.4

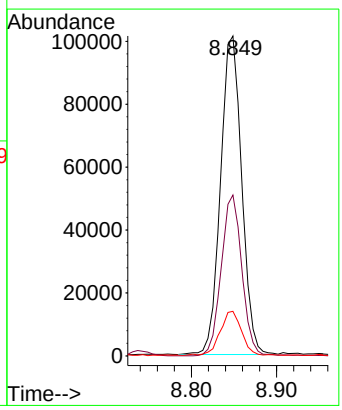


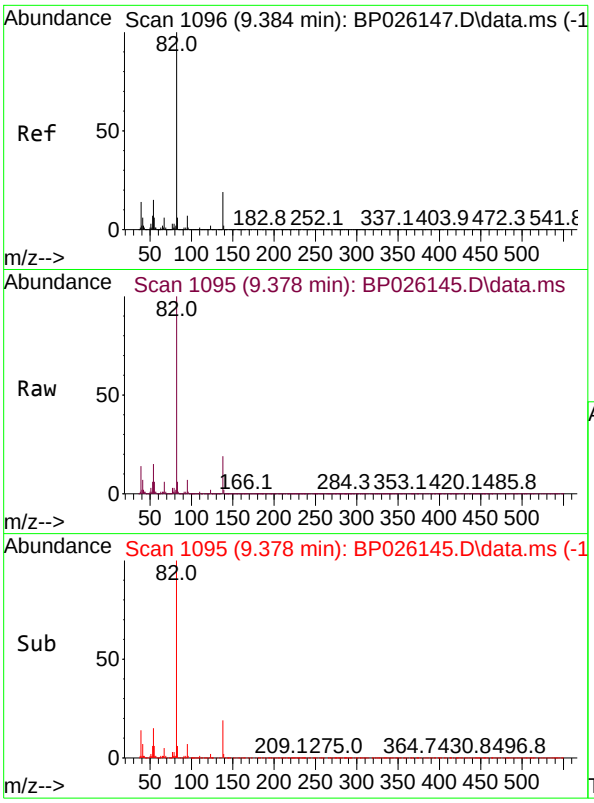


#24
Nitrobenzene
Concen: 10.525 ng
RT: 8.849 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion: 77 Resp: 174709

Ion	Ratio	Lower	Upper
77	100		
123	50.3	39.8	59.8
65	13.9	11.2	16.8



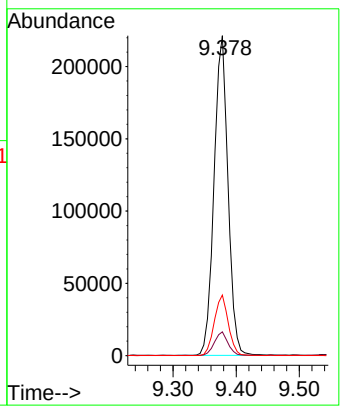


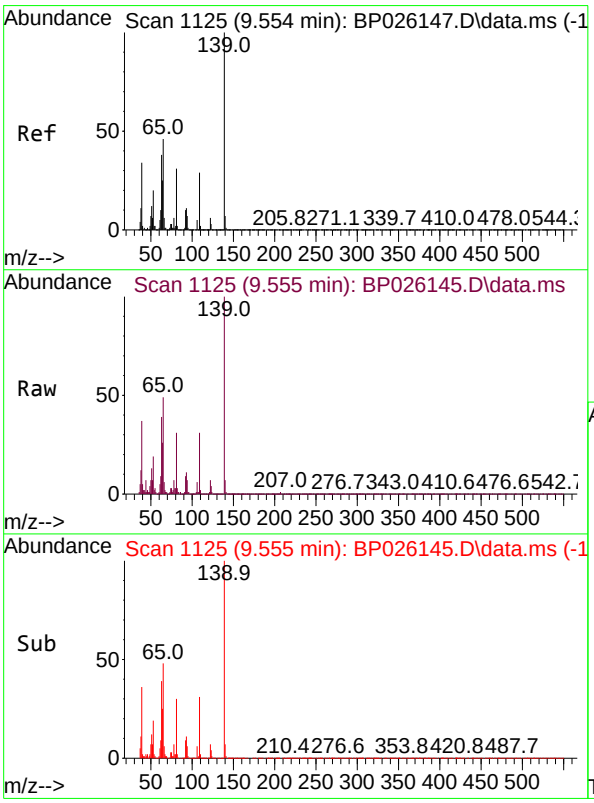
#25
Isophorone
Concen: 10.129 ng
RT: 9.378 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 339778

Ion	Ratio	Lower	Upper
82	100		
95	7.4	5.4	8.0
138	18.9	15.4	23.0

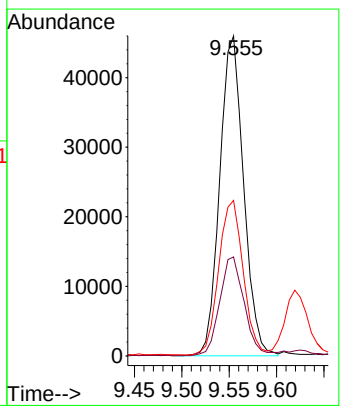


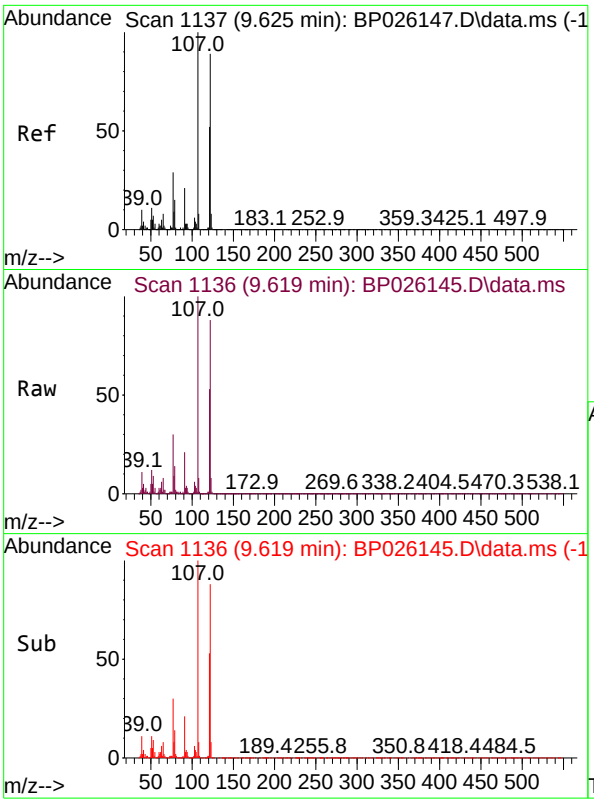


#26
2-Nitrophenol
Concen: 14.210 ng
RT: 9.555 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:139 Resp: 80502

Ion	Ratio	Lower	Upper
139	100		
109	30.9	22.3	33.5
65	48.6	37.2	55.8



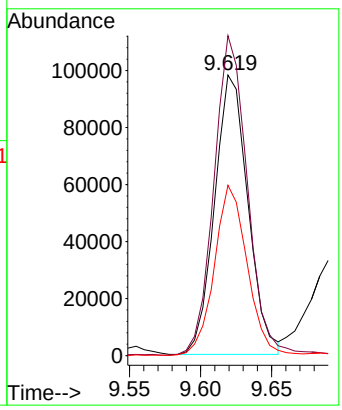


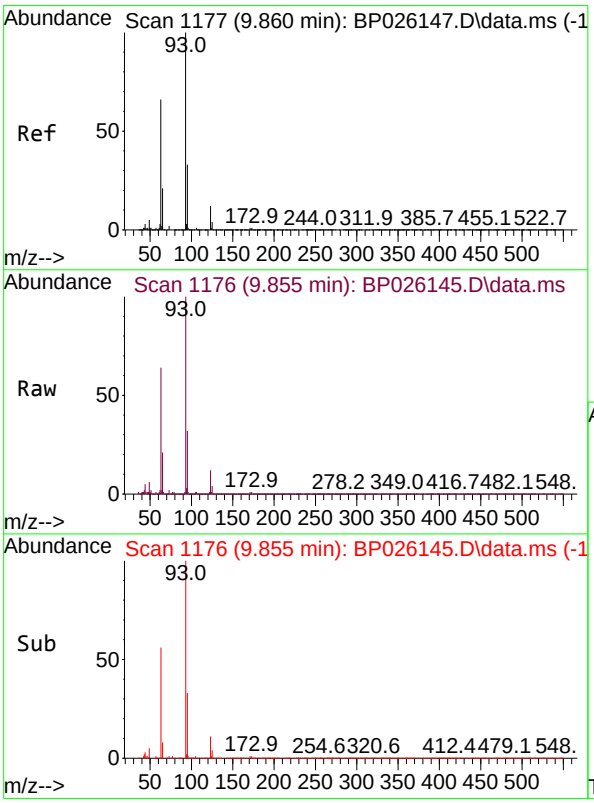
#27
2,4-Dimethylphenol
Concen: 11.184 ng
RT: 9.619 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:122 Resp: 160115

Ion	Ratio	Lower	Upper
122	100		
107	114.1	91.0	136.6
121	60.7	47.0	70.6

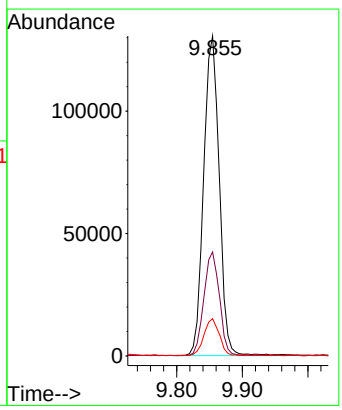


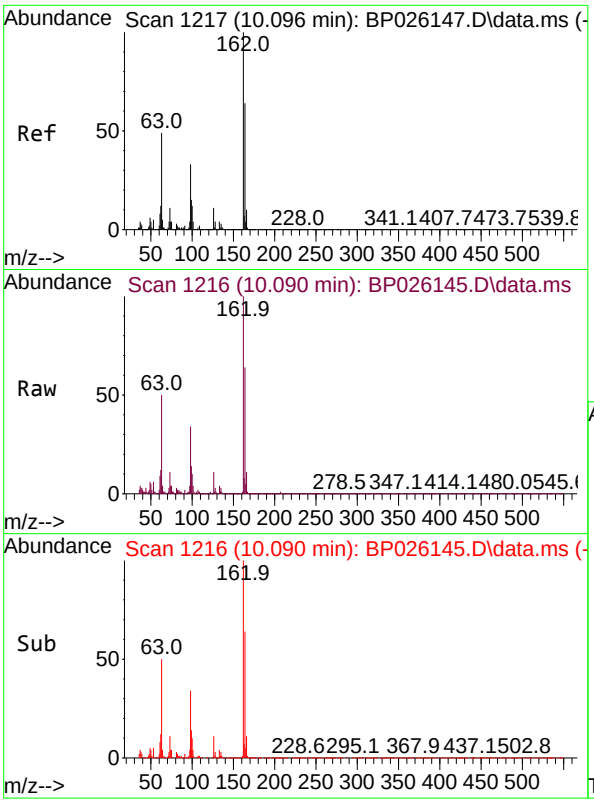


#28
bis(2-Chloroethoxy)methane
Concen: 10.157 ng
RT: 9.855 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion: 93 Resp: 215062

Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.4	39.6
123	11.6	9.4	14.0



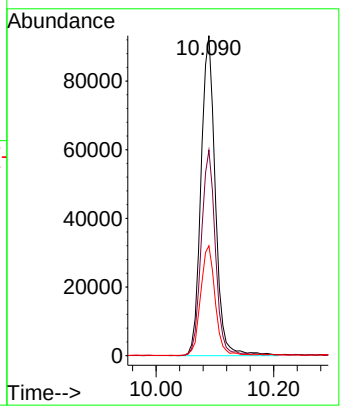


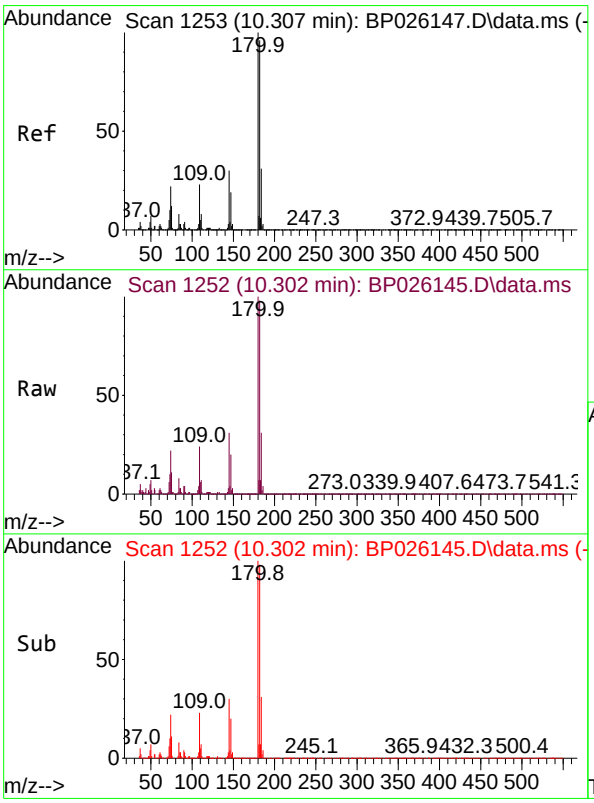
#29
2,4-Dichlorophenol
Concen: 10.558 ng
RT: 10.090 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 157750

Ion	Ratio	Lower	Upper
162	100		
164	64.2	43.8	83.8
98	34.3	14.1	54.1

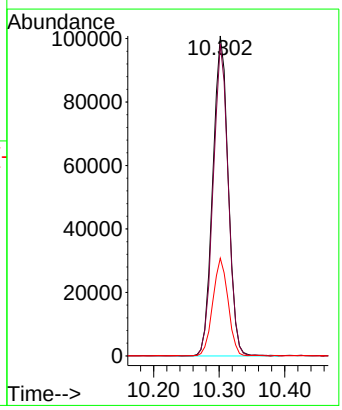


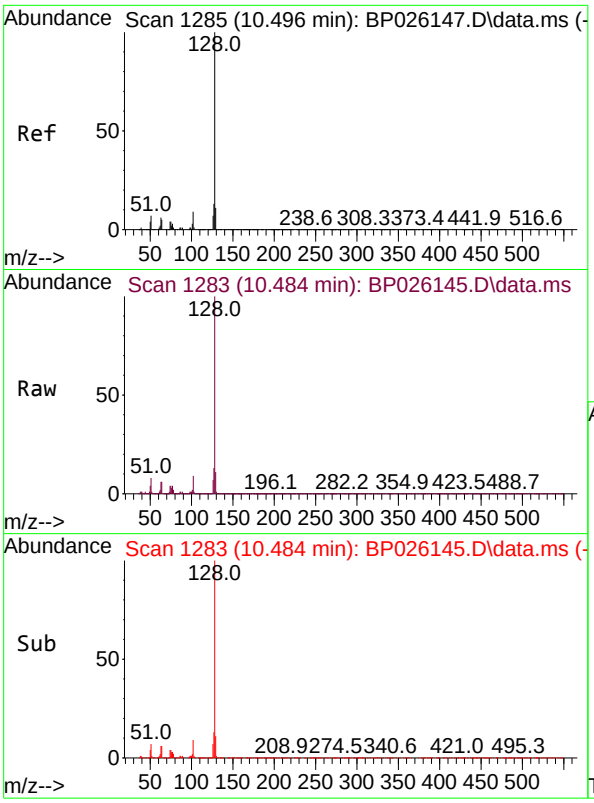


#30
1,2,4-Trichlorobenzene
Concen: 10.189 ng
RT: 10.302 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:180 Resp: 165087

Ion	Ratio	Lower	Upper
180	100		
182	97.5	78.1	117.1
145	30.5	24.2	36.4



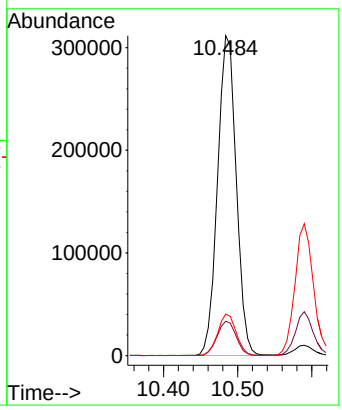


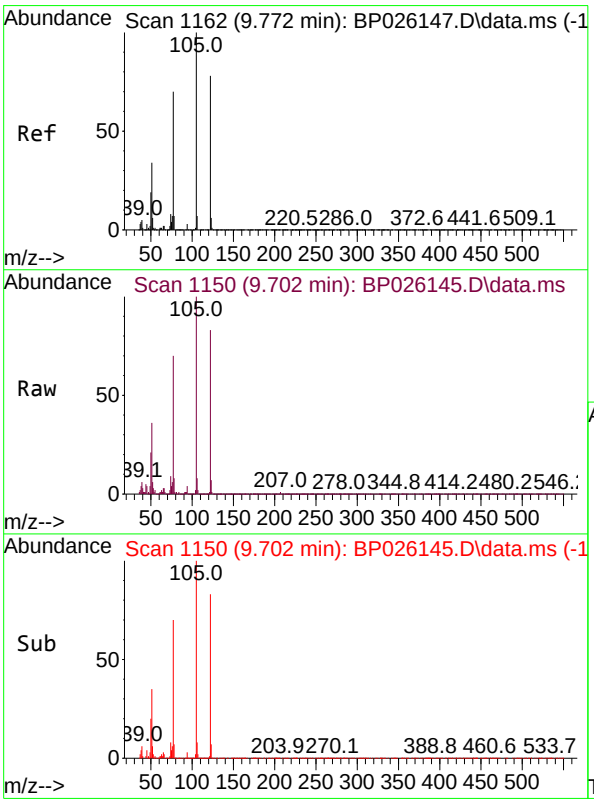
#31
Naphthalene
Concen: 10.256 ng
RT: 10.484 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:128 Resp: 546001

Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.6
127	13.0	10.2	15.4

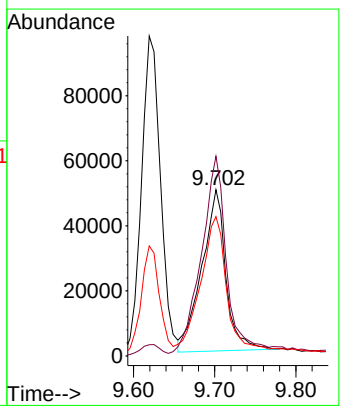


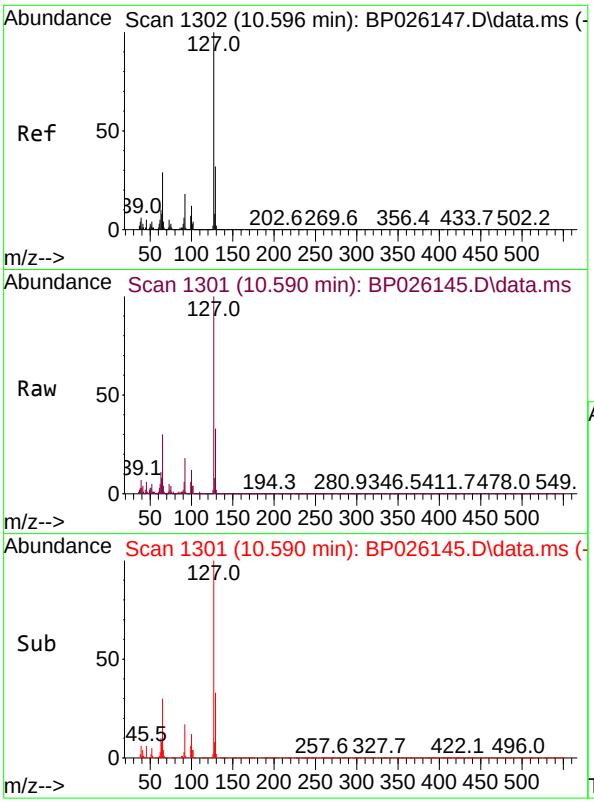


#32
Benzoic acid
Concen: 11.868 ng
RT: 9.702 min Scan# 1150
Delta R.T. -0.064 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:122 Resp: 102438

Ion	Ratio	Lower	Upper
122	100		
105	120.1	100.1	140.1
77	83.9	66.7	106.7



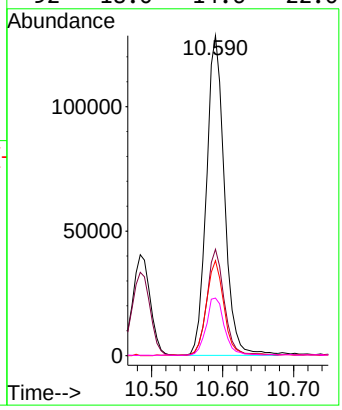


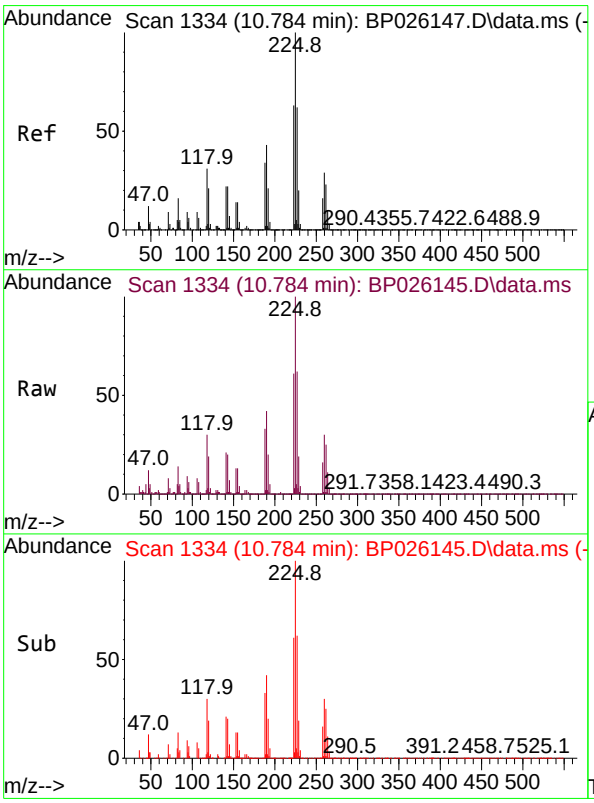
#33
4-Chloroaniline
Concen: 10.919 ng
RT: 10.590 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:127 Resp: 225844

Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.8	38.8
65	29.7	22.7	34.1
92	18.0	14.6	22.0

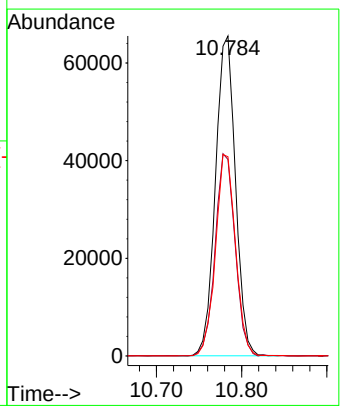


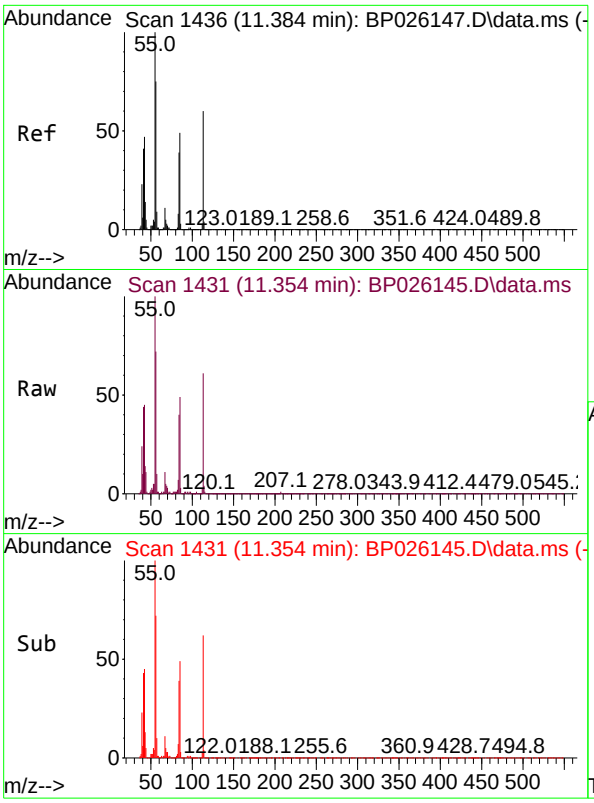


#34
Hexachlorobutadiene
Concen: 10.297 ng
RT: 10.784 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:225 Resp: 106776

Ion	Ratio	Lower	Upper
225	100		
223	61.4	49.6	74.4
227	62.2	51.2	76.8



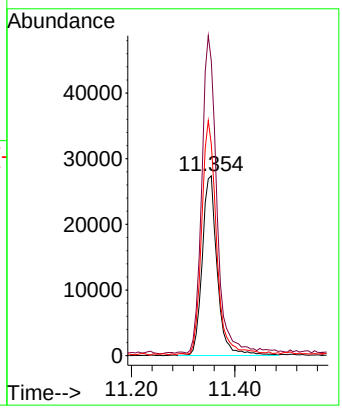


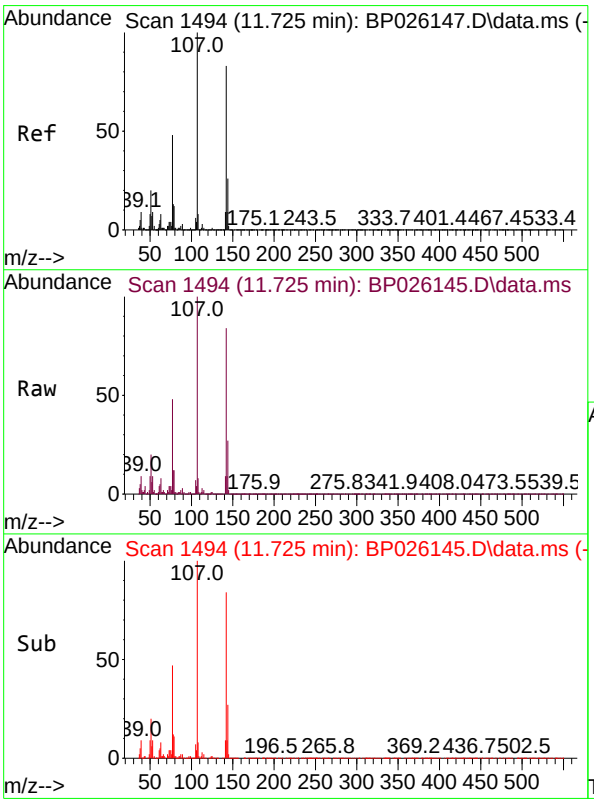
#35
Caprolactam
Concen: 10.571 ng
RT: 11.354 min Scan# 14
Delta R.T. -0.023 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:113 Resp: 55204

Ion	Ratio	Lower	Upper
113	100		
55	163.8	153.0	193.0
56	117.6	106.4	146.4

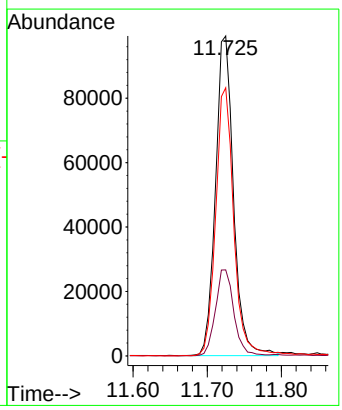


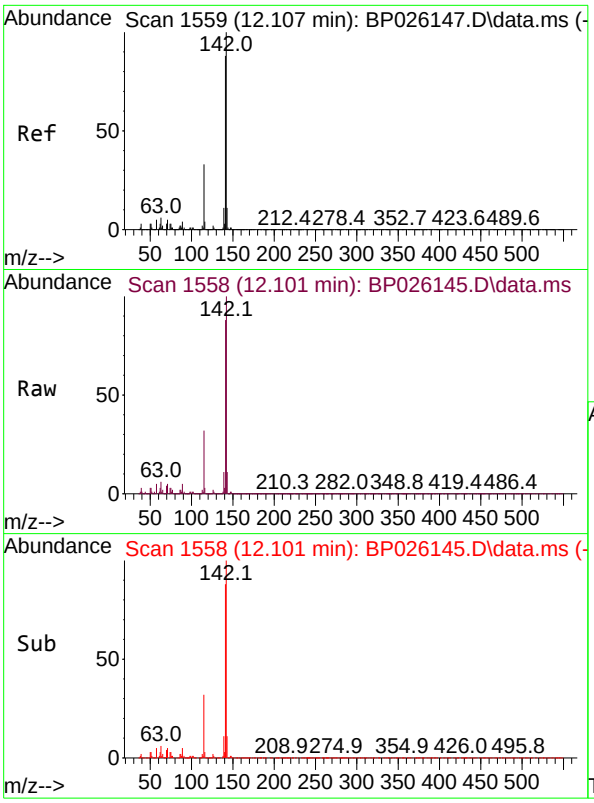


#36
4-Chloro-3-methylphenol
Concen: 10.736 ng
RT: 11.725 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:107 Resp: 167761

Ion	Ratio	Lower	Upper
107	100		
144	26.9	21.6	32.4
142	83.8	65.6	98.4



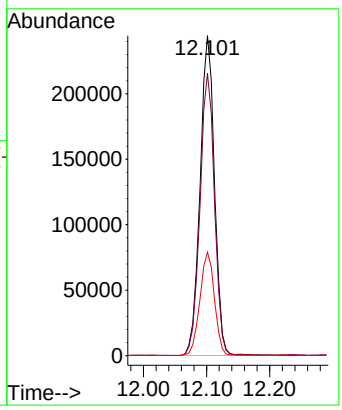


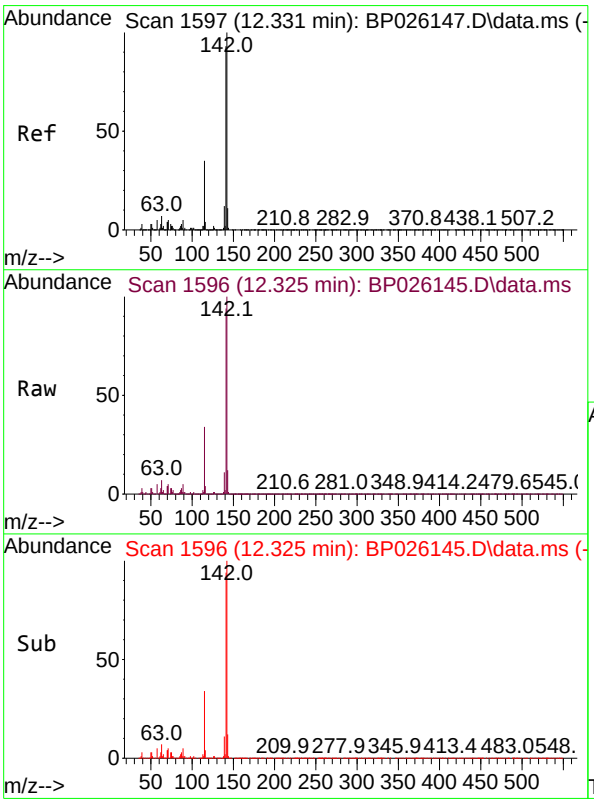
#37
2-Methylnaphthalene
Concen: 10.423 ng
RT: 12.101 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:142 Resp: 387952

Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.0	106.6
115	32.3	26.6	39.8

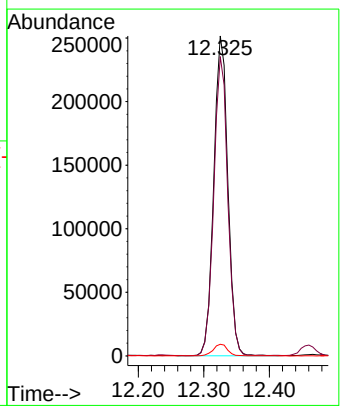


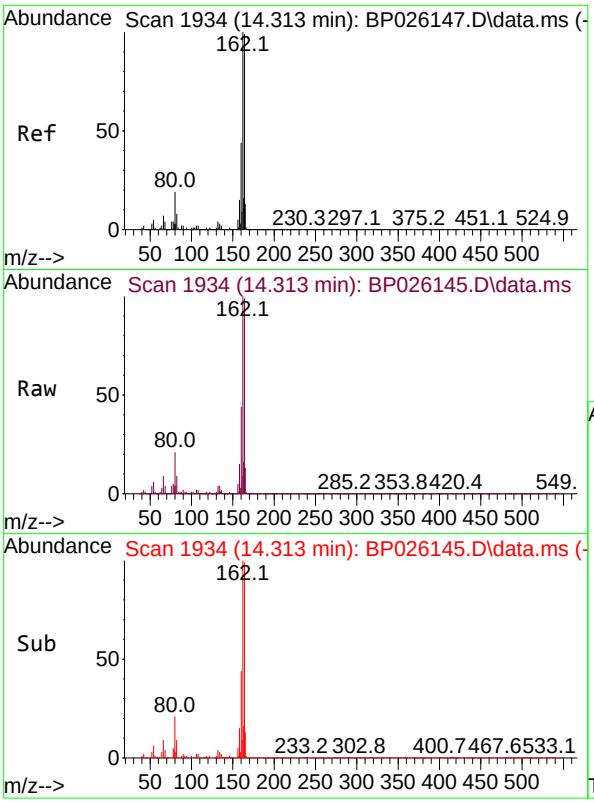


#38
1-Methylnaphthalene
Concen: 10.395 ng
RT: 12.325 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:142 Resp: 376177

Ion	Ratio	Lower	Upper
142	100		
141	93.5	73.5	110.3
116	3.6	3.0	4.4



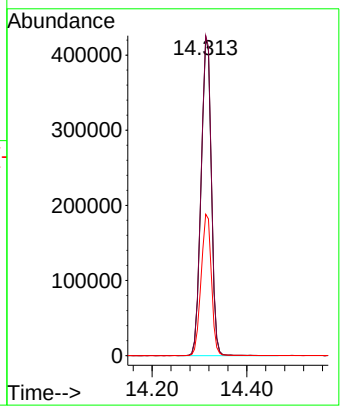


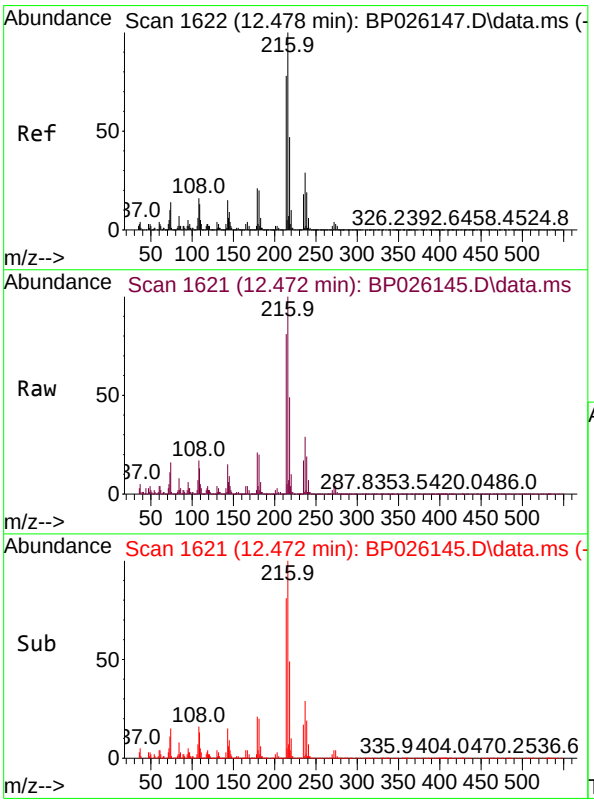
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 19
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:164 Resp: 630488

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.3	120.5
160	44.6	35.2	52.8

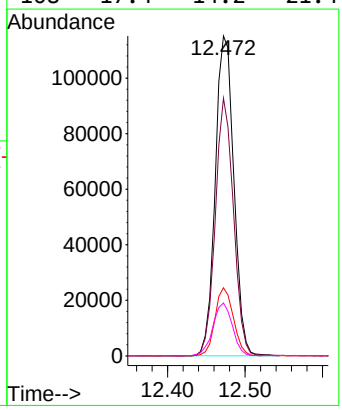


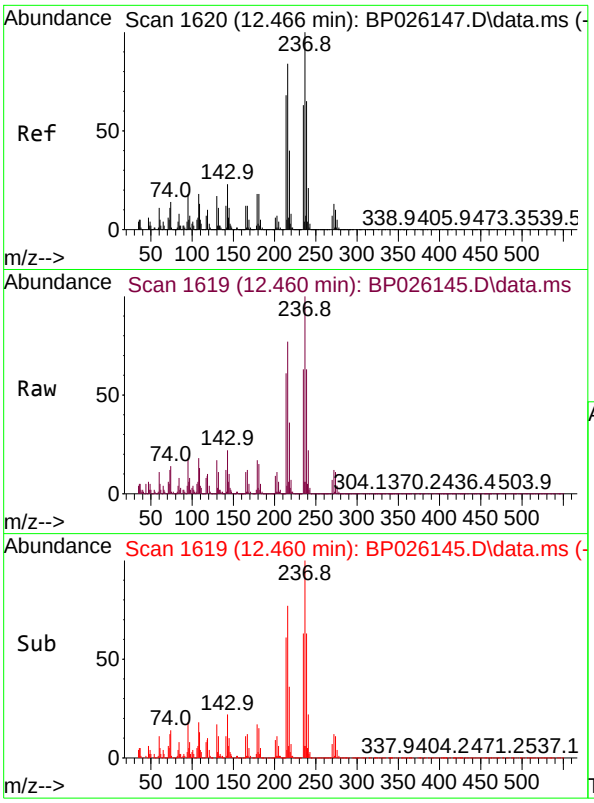


#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.860 ng
RT: 12.472 min Scan# 1621
Delta R.T. -0.017 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:216 Resp: 192367

Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.6	94.0
179	20.9	16.6	25.0
108	17.4	14.2	21.4



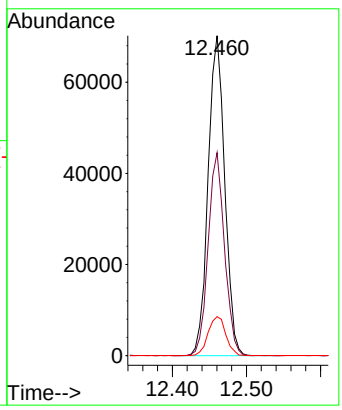


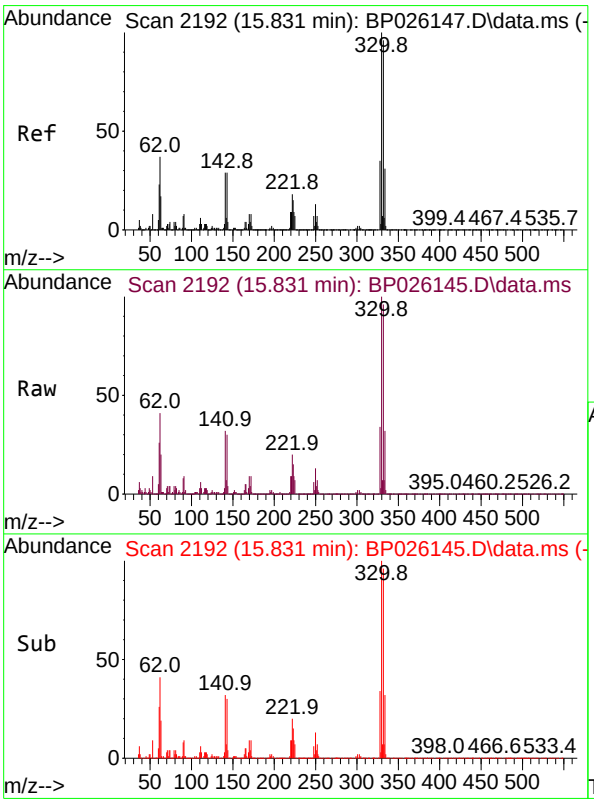
#41
Hexachlorocyclopentadiene
Concen: 13.468 ng
RT: 12.460 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:237 Resp: 109280

Ion	Ratio	Lower	Upper
237	100		
235	63.4	43.3	83.3
272	12.2	0.0	32.9

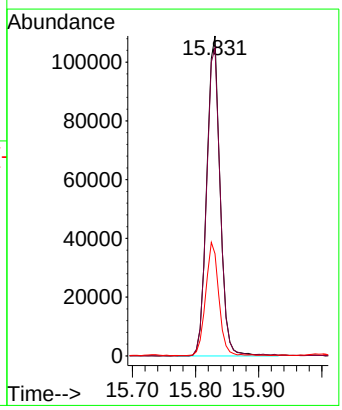


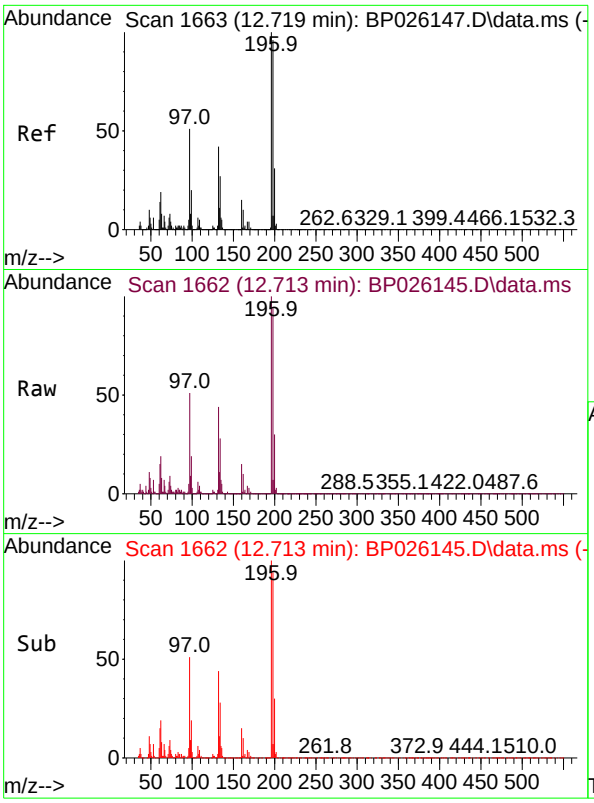


#42
2,4,6-Tribromophenol
Concen: 23.122 ng
RT: 15.831 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:330 Resp: 159702

Ion	Ratio	Lower	Upper
330	100		
332	98.0	78.0	117.0
141	35.0	26.8	40.2



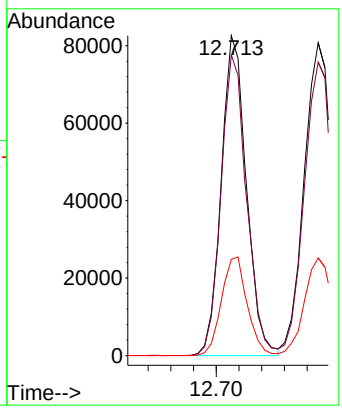


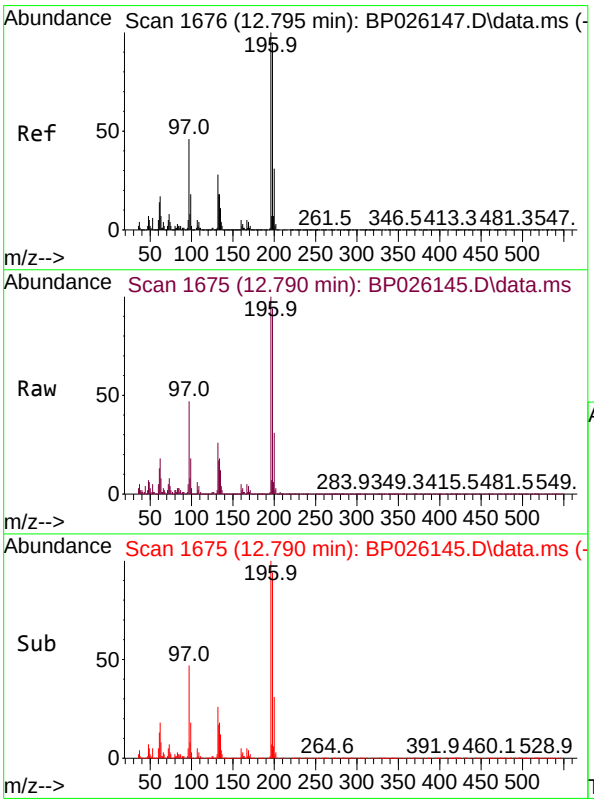
#43
2,4,6-Trichlorophenol
Concen: 10.910 ng
RT: 12.713 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:196 Resp: 127331

Ion	Ratio	Lower	Upper
196	100		
198	94.0	76.9	115.3
200	30.1	24.6	37.0

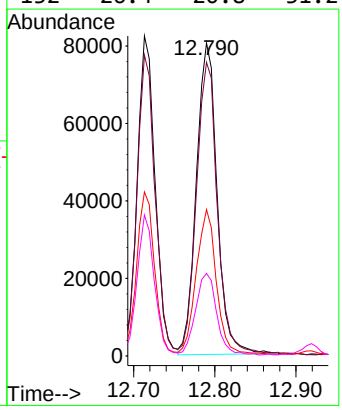


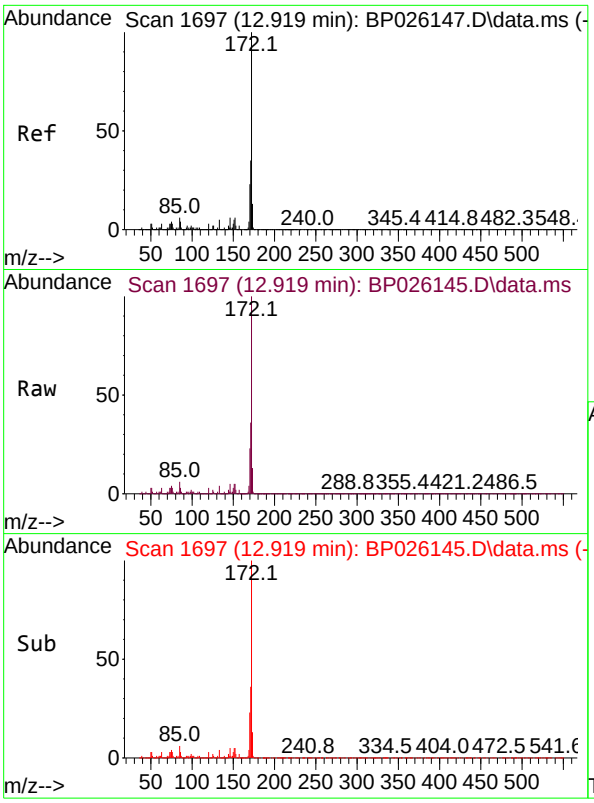


#44
2,4,5-Trichlorophenol
Concen: 10.794 ng
RT: 12.790 min Scan# 1675
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:196 Resp: 143128

Ion	Ratio	Lower	Upper
196	100		
198	93.8	76.4	114.6
97	46.8	35.7	53.5
132	26.4	20.8	31.2



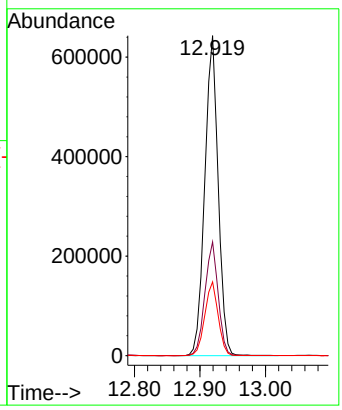


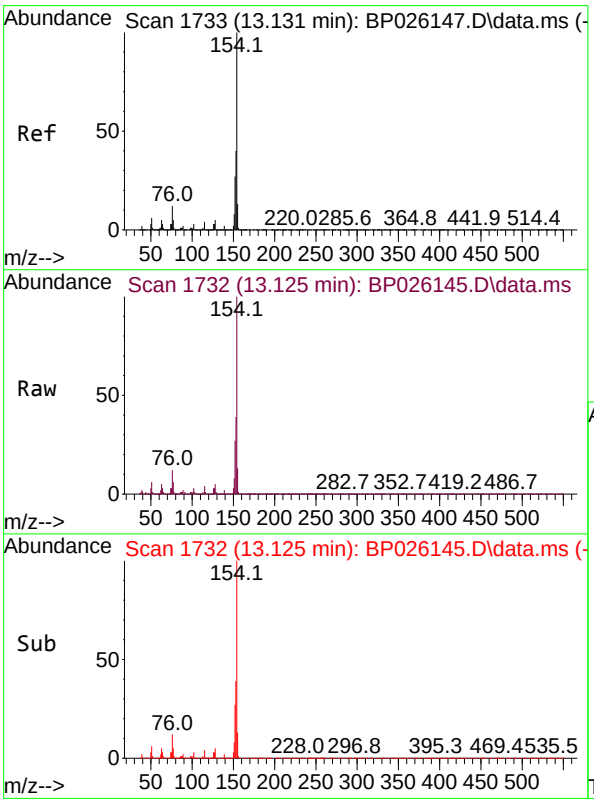
#45
2-Fluorobiphenyl
Concen: 20.807 ng
RT: 12.919 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:172 Resp: 909238

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.4
170	23.0	18.7	28.1

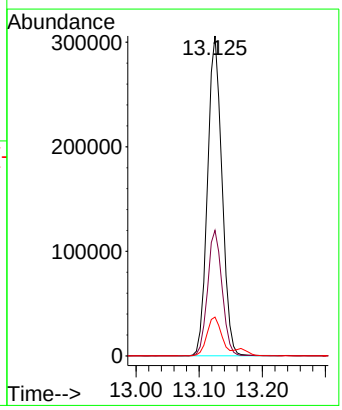


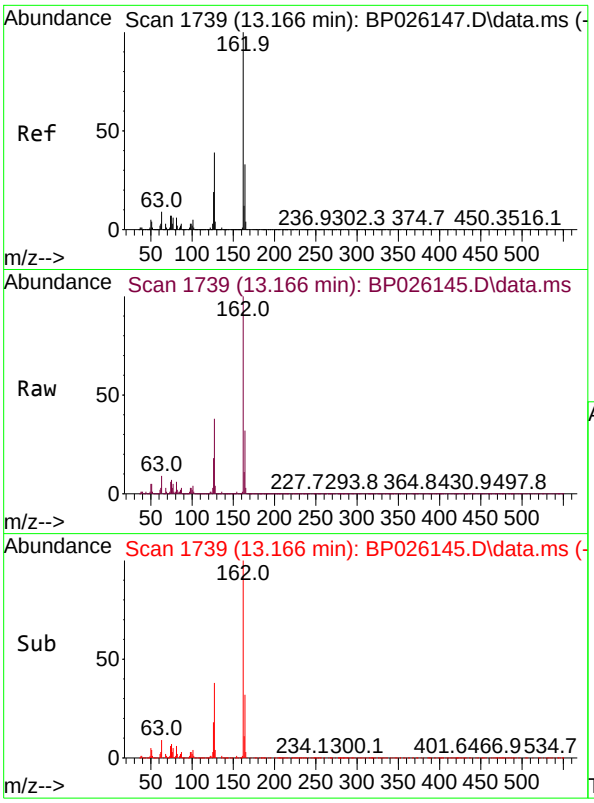


#46
1,1'-Biphenyl
Concen: 10.101 ng
RT: 13.125 min Scan# 1732
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:154 Resp: 485448

Ion	Ratio	Lower	Upper
154	100		
153	39.2	20.3	60.3
76	12.1	0.0	32.3



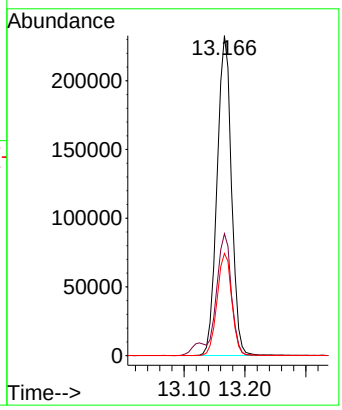


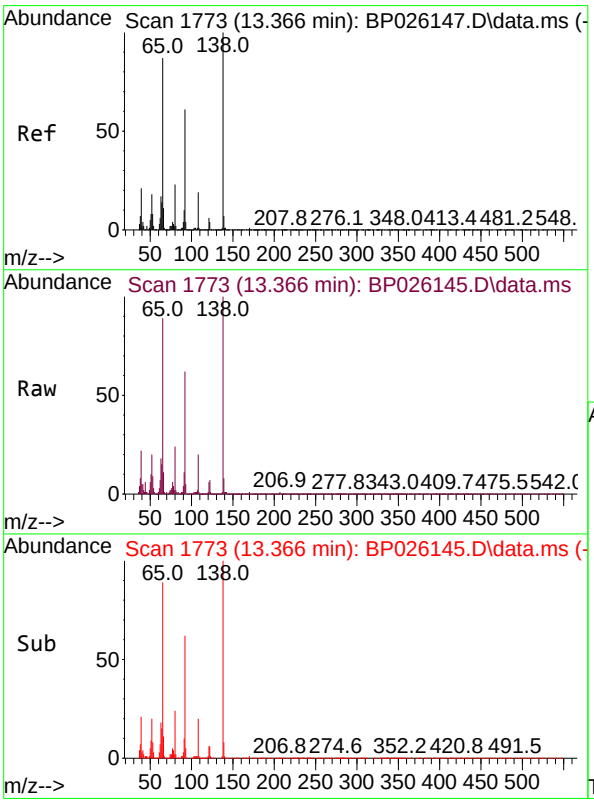
#47
2-Chloronaphthalene
Concen: 10.136 ng
RT: 13.166 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 382981

Ion	Ratio	Lower	Upper
162	100		
127	38.1	30.9	46.3
164	31.9	26.4	39.6

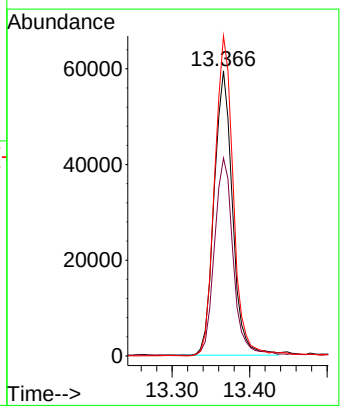


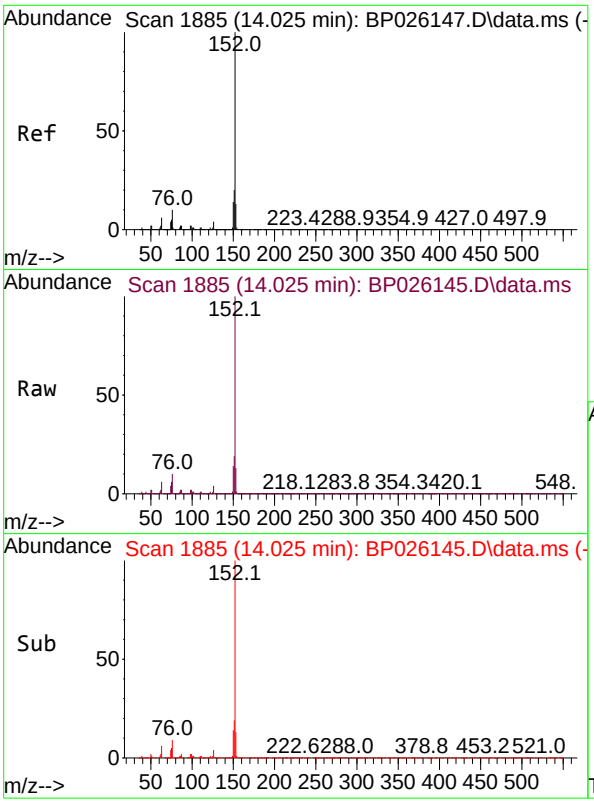


#48
2-Nitroaniline
Concen: 11.256 ng
RT: 13.366 min Scan# 1773
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion: 65 Resp: 97829

Ion	Ratio	Lower	Upper
65	100		
92	69.4	59.1	88.7
138	112.3	96.6	145.0



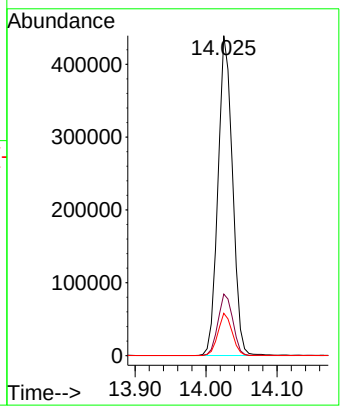


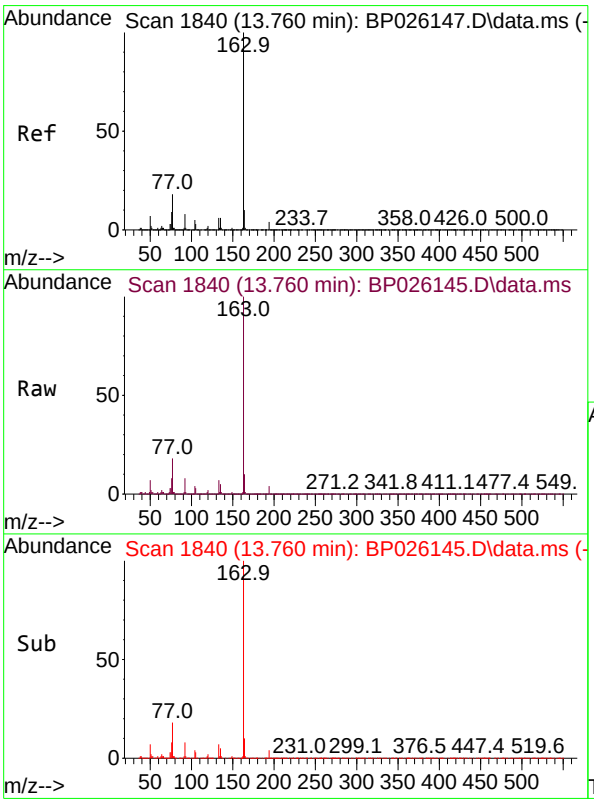
#49
Acenaphthylene
Concen: 11.215 ng
RT: 14.025 min Scan# 18
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 626312

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.8	23.8
153	13.2	10.6	16.0

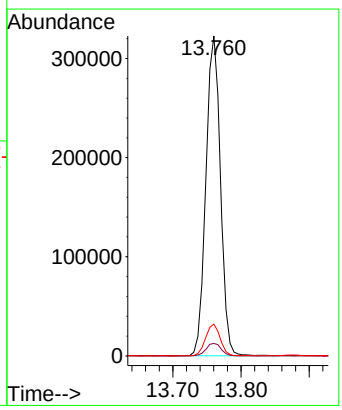


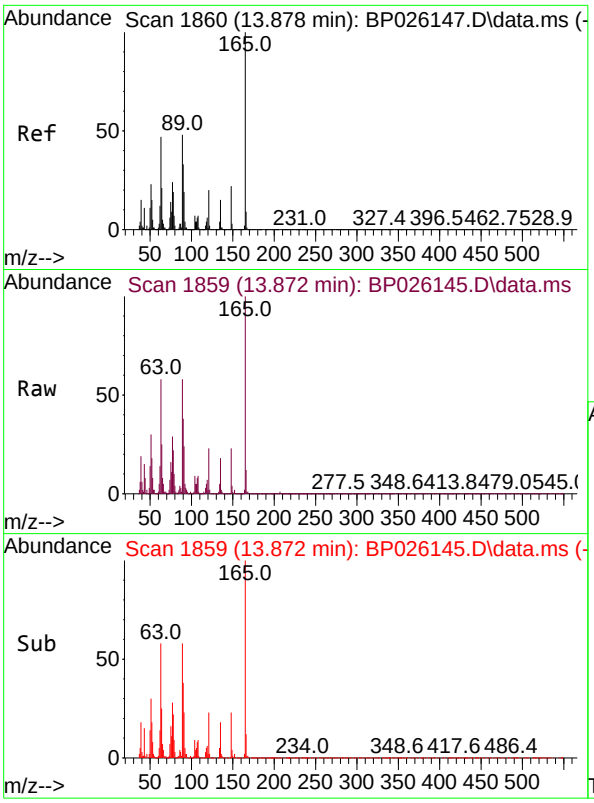


#50
Dimethylphthalate
Concen: 10.476 ng
RT: 13.760 min Scan# 1840
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:163 Resp: 478267

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	9.9	8.2	12.2



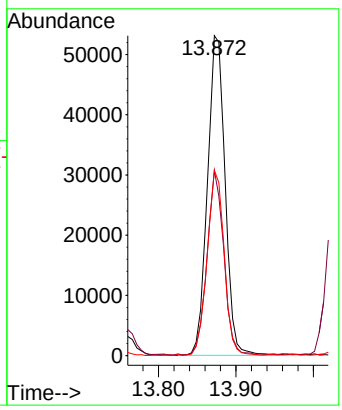


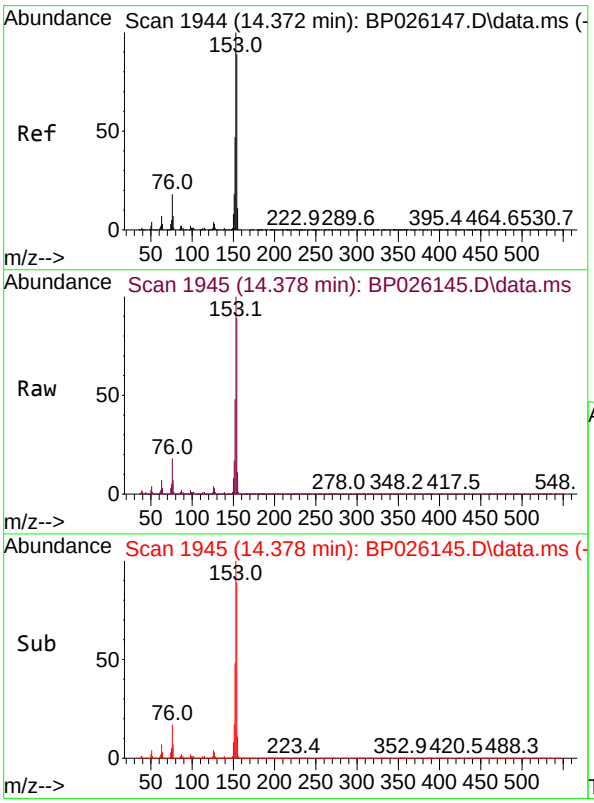
#51
2,6-Dinitrotoluene
Concen: 10.948 ng
RT: 13.872 min Scan# 18
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 84028

Ion	Ratio	Lower	Upper
165	100		
63	57.9	40.5	60.7
89	57.9	41.3	61.9

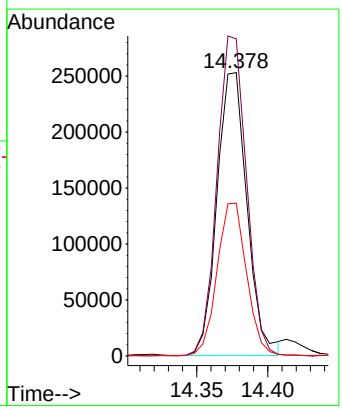


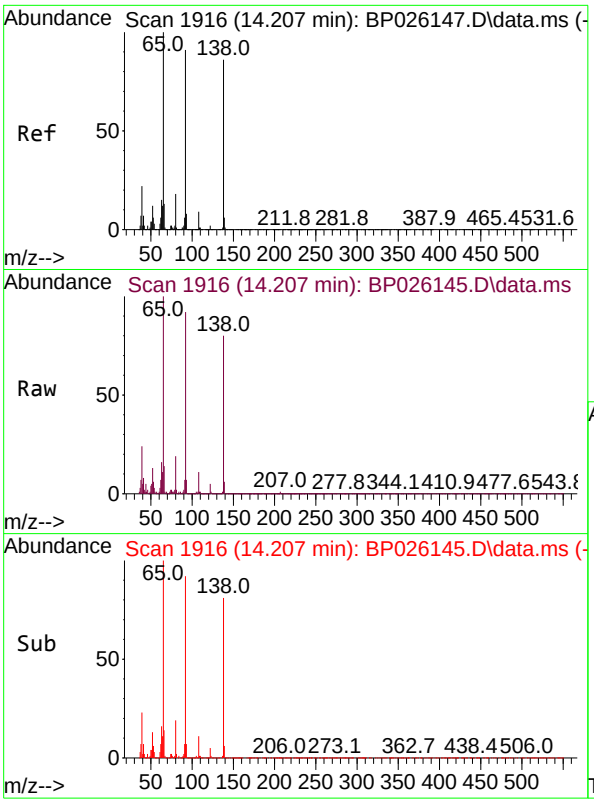


#52
Acenaphthene
Concen: 9.972 ng
RT: 14.378 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:154 Resp: 372613

Ion	Ratio	Lower	Upper
154	100		
153	111.9	90.7	136.1
152	53.9	42.8	64.2



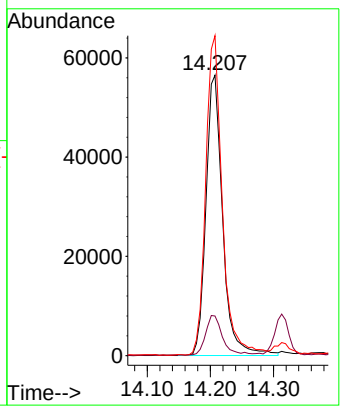


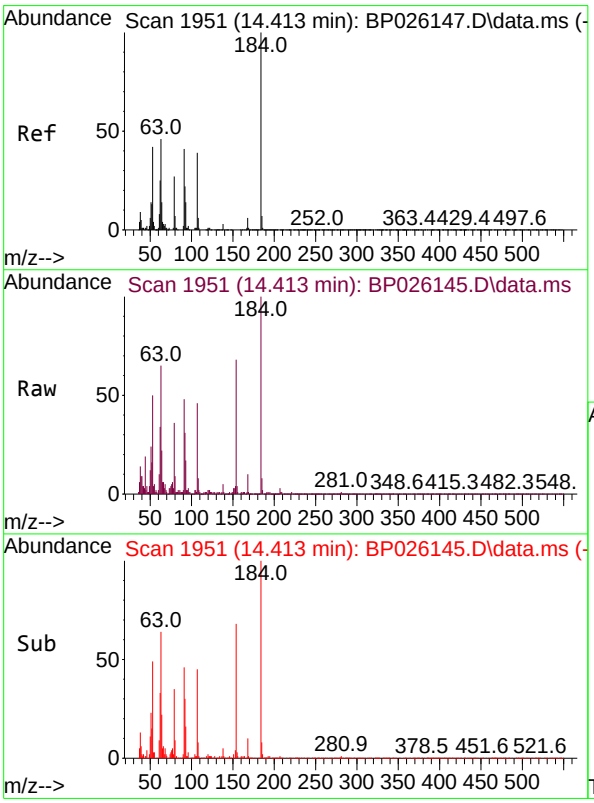
#53
3-Nitroaniline
Concen: 11.189 ng
RT: 14.207 min Scan# 19
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:138 Resp: 103894

Ion	Ratio	Lower	Upper
138	100		
108	14.1	8.9	13.3#
92	114.1	86.3	129.5

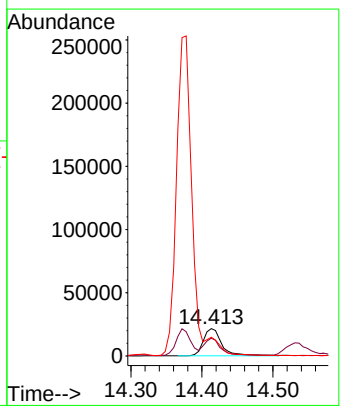


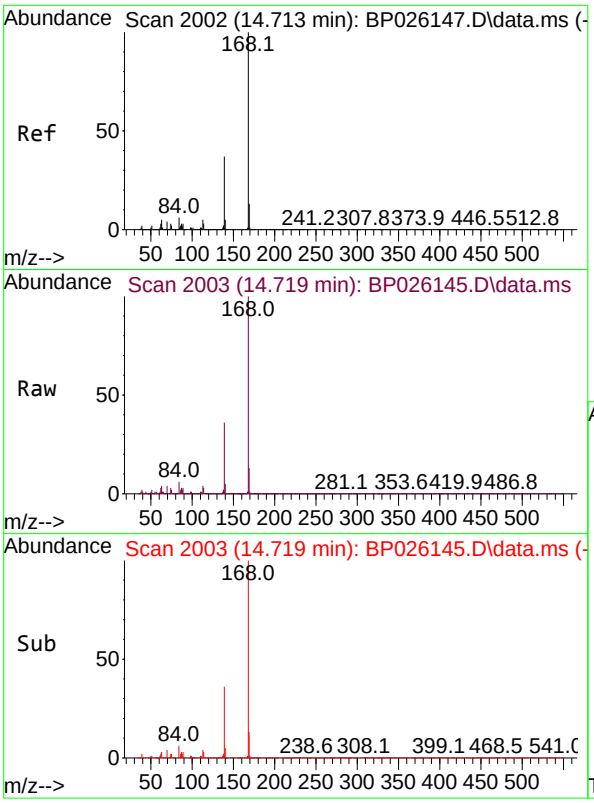


#54
2,4-Dinitrophenol
Concen: 11.062 ng
RT: 14.413 min Scan# 1951
Delta R.T. -0.017 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:184 Resp: 38962

Ion	Ratio	Lower	Upper
184	100		
63	64.9	43.1	64.7#
154	68.2	49.5	74.3



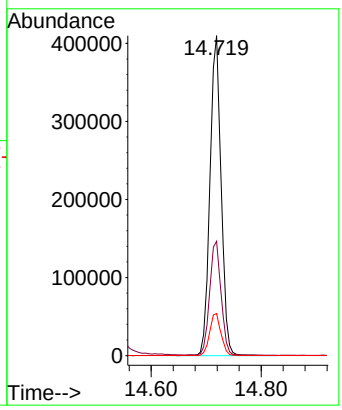


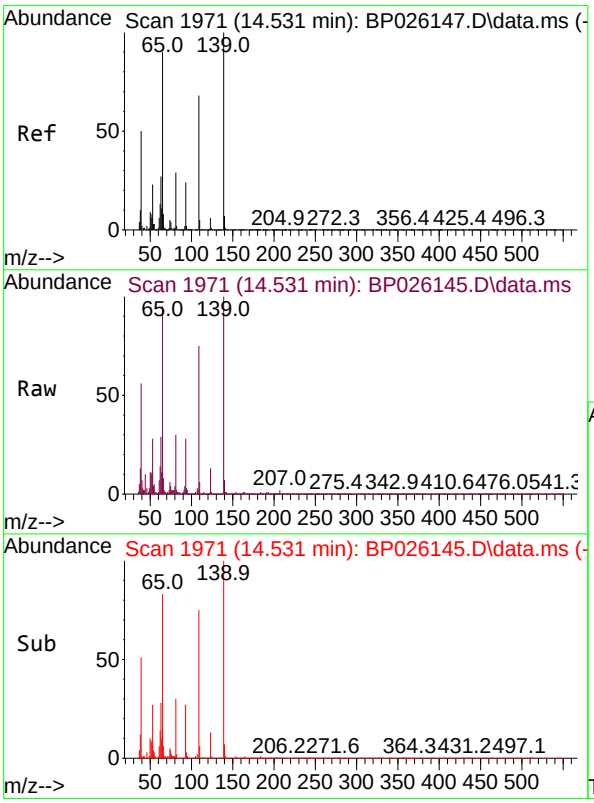
#55
Dibenzofuran
Concen: 10.148 ng
RT: 14.719 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:168 Resp: 577473

Ion	Ratio	Lower	Upper
168	100		
139	35.7	29.8	44.6
169	13.1	10.9	16.3

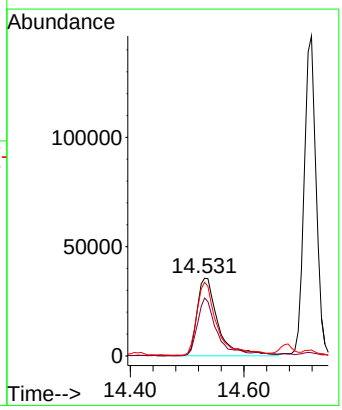


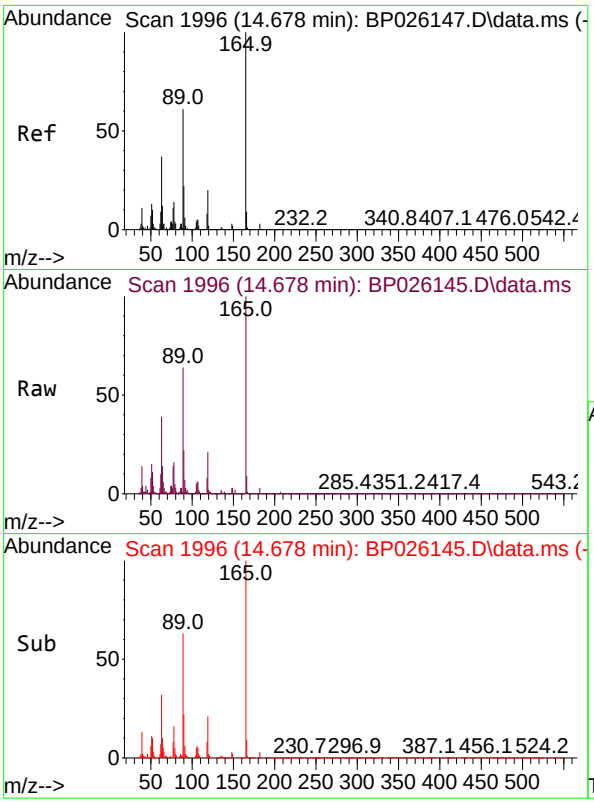


#56
4-Nitrophenol
Concen: 9.876 ng
RT: 14.531 min Scan# 1971
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:139 Resp: 91274

Ion	Ratio	Lower	Upper
139	100		
109	74.5	46.8	86.8
65	94.9	69.3	109.3



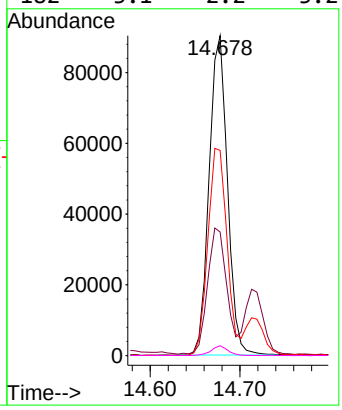


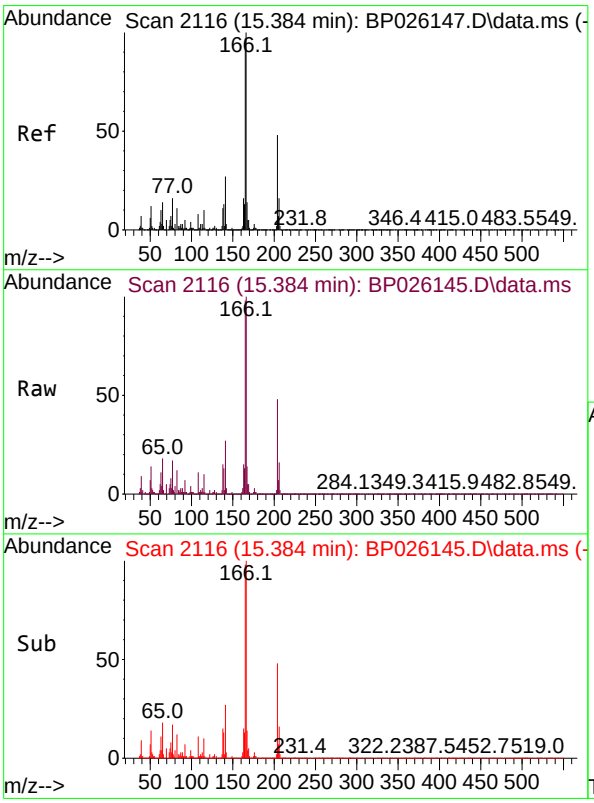
#57
2,4-Dinitrotoluene
Concen: 11.467 ng
RT: 14.678 min Scan# 19
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 128442

Ion	Ratio	Lower	Upper
165	100		
63	38.6	31.0	46.6
89	64.1	51.7	77.5
182	3.1	2.2	3.2

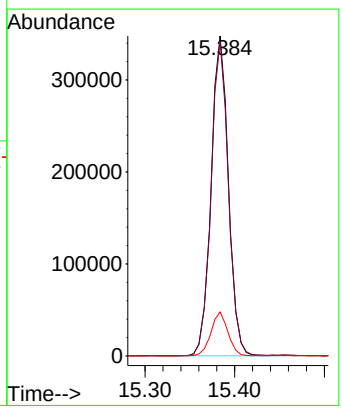


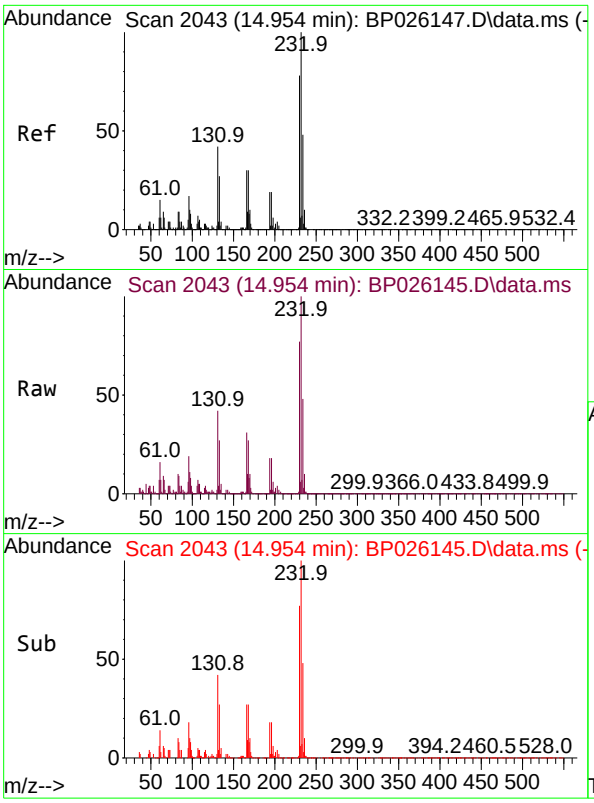


#58
Fluorene
Concen: 10.507 ng
RT: 15.384 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:166 Resp: 469782

Ion	Ratio	Lower	Upper
166	100		
165	98.3	77.9	116.9
167	13.7	11.0	16.4



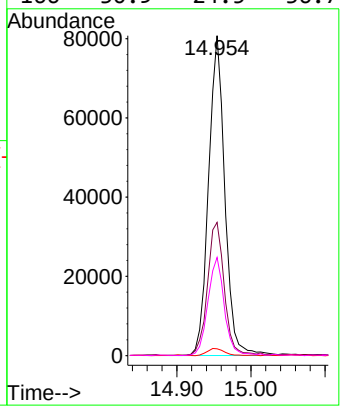


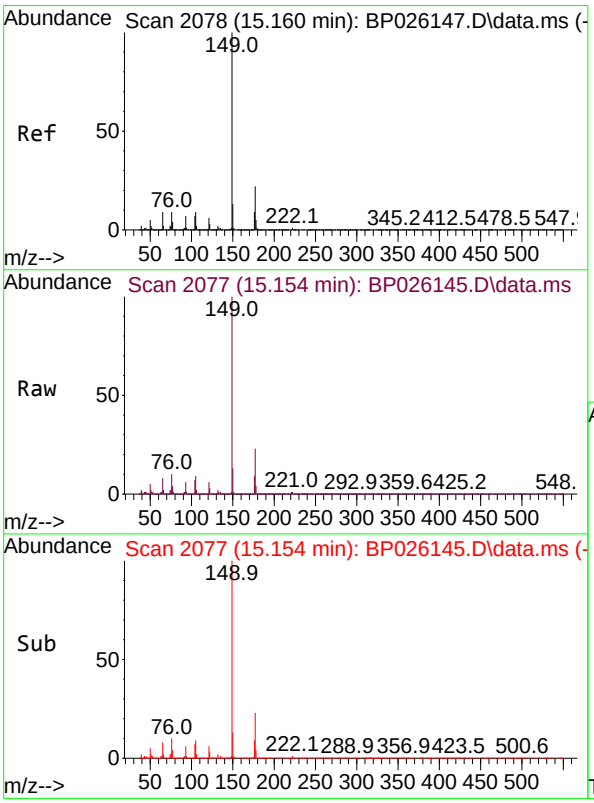
#59
2,3,4,6-Tetrachlorophenol
Concen: 11.749 ng
RT: 14.954 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:232 Resp: 123375

Ion	Ratio	Lower	Upper
232	100		
131	43.0	34.8	52.2
130	2.4	1.8	2.8
166	30.9	24.5	36.7

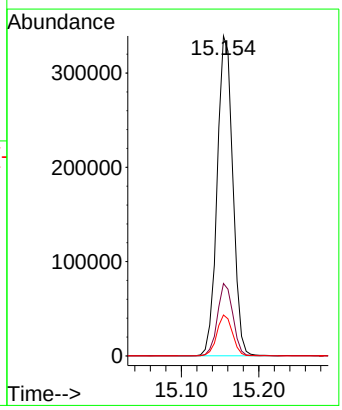


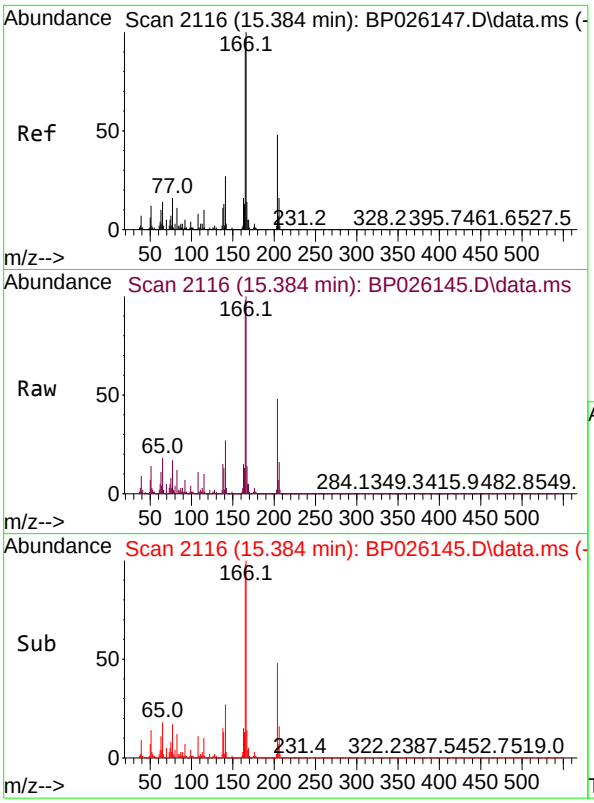


#60
Diethylphthalate
Concen: 10.343 ng
RT: 15.154 min Scan# 2077
Delta R.T. -0.017 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:149 Resp: 475038

Ion	Ratio	Lower	Upper
149	100		
177	22.6	17.9	26.9
150	12.8	9.9	14.9



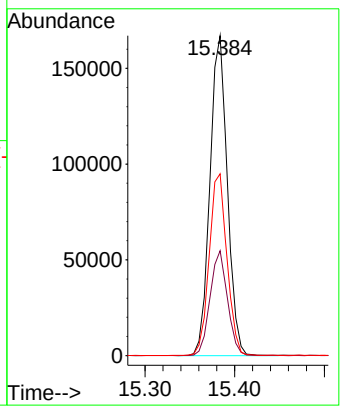


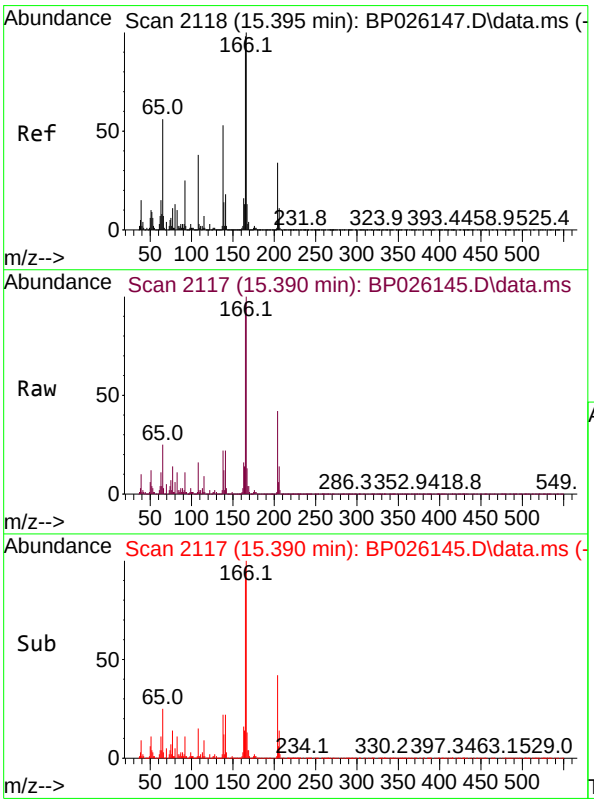
#61
4-Chlorophenyl-phenylether
Concen: 10.144 ng
RT: 15.384 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:204 Resp: 226085

Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.2	39.2
141	56.8	48.1	72.1

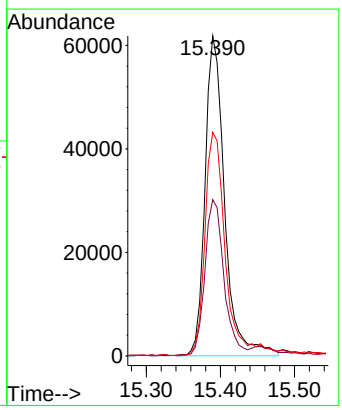


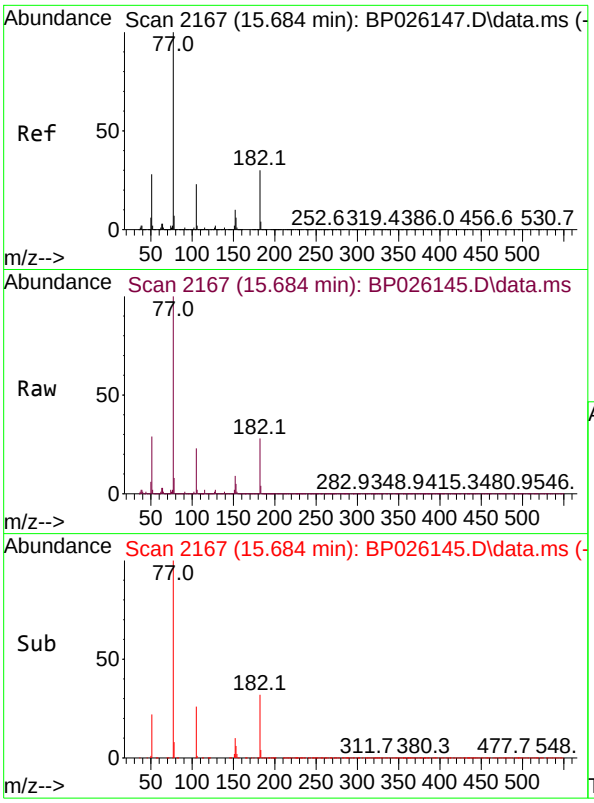


#62
4-Nitroaniline
Concen: 11.490 ng
RT: 15.390 min Scan# 2117
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:138 Resp: 113144

Ion	Ratio	Lower	Upper
138	100		
92	48.8	27.5	67.5
108	69.9	51.1	91.1



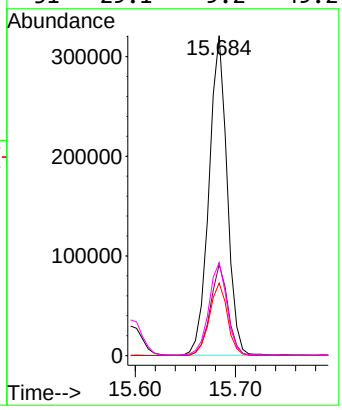


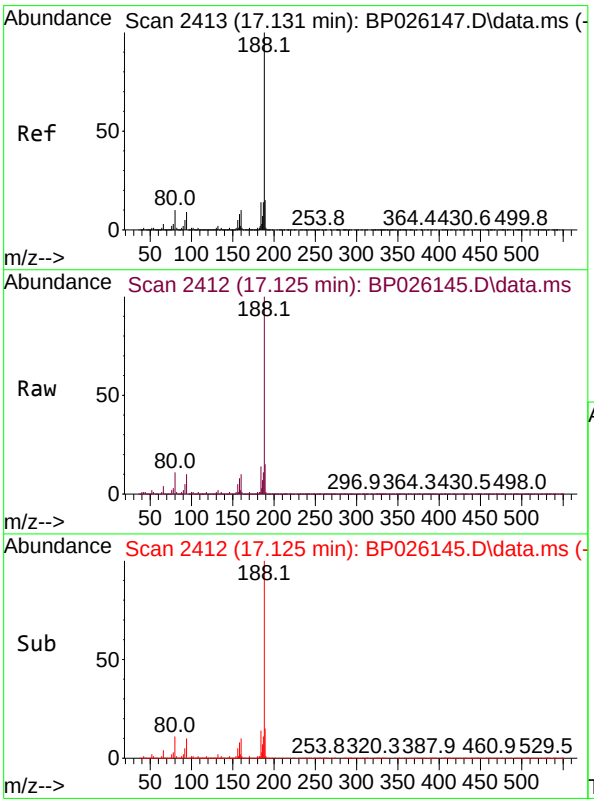
#63
Azobenzene
Concen: 9.741 ng
RT: 15.684 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 402256

Ion	Ratio	Lower	Upper
77	100		
182	28.5	8.8	48.8
105	22.7	2.6	42.6
51	29.1	9.2	49.2

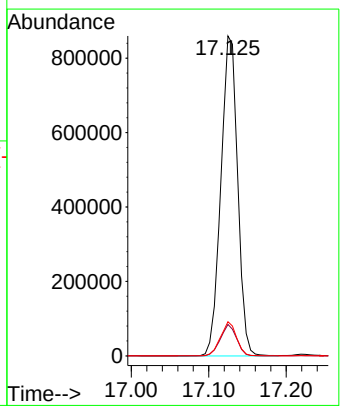


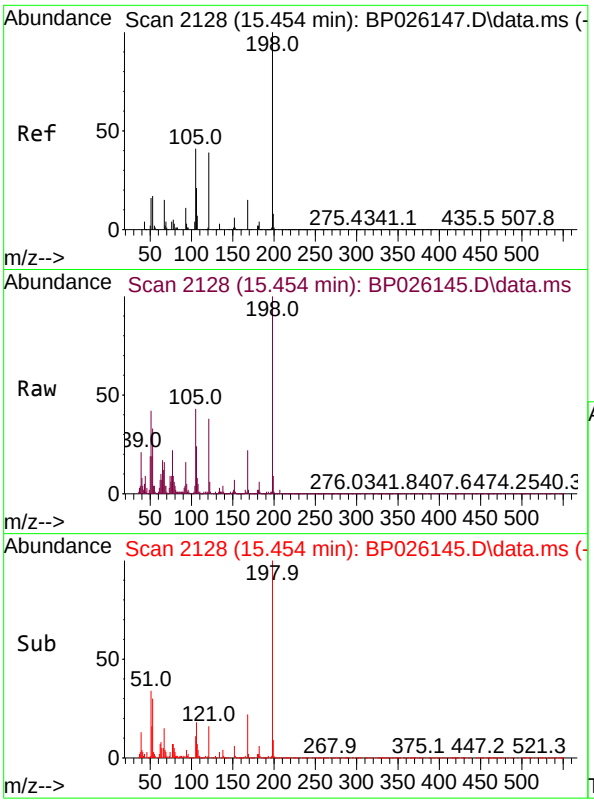


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:188 Resp: 1297120

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.8	11.6
80	10.7	8.2	12.2



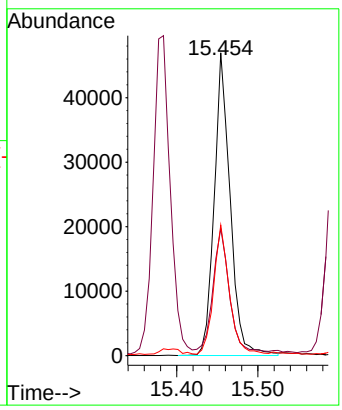


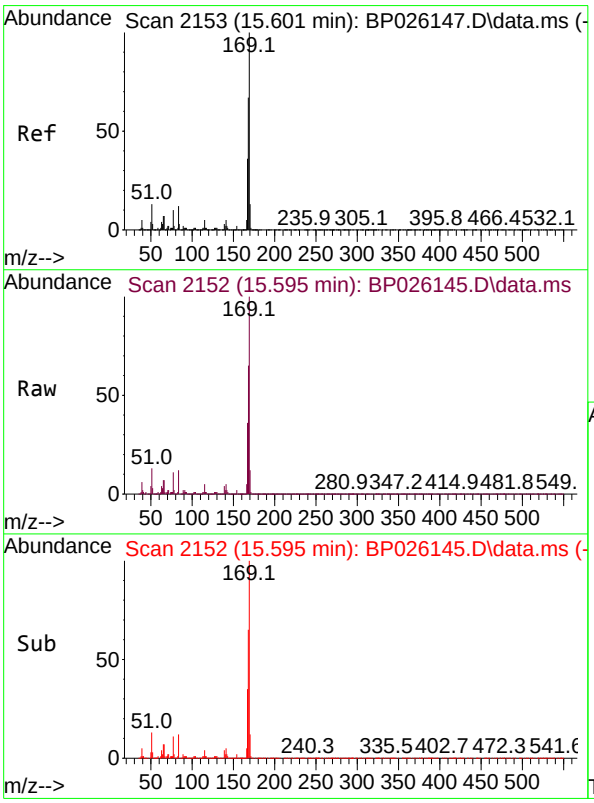
#65
4,6-Dinitro-2-methylphenol
Concen: 11.592 ng
RT: 15.454 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:198 Resp: 64177

Ion	Ratio	Lower	Upper
198	100		
51	42.0	18.4	58.4
105	43.1	18.5	58.5

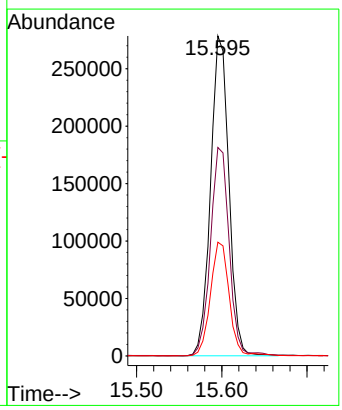


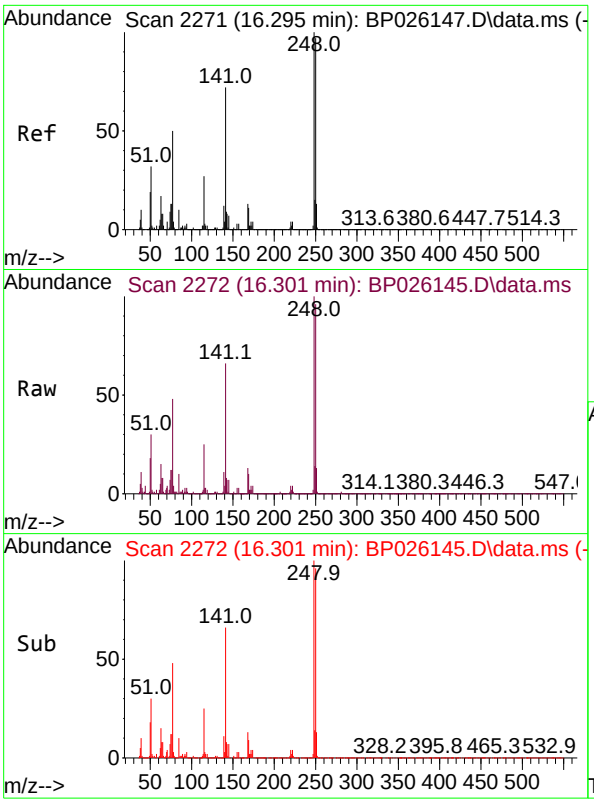


#66
n-Nitrosodiphenylamine
Concen: 10.270 ng
RT: 15.595 min Scan# 2152
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:169 Resp: 415043

Ion	Ratio	Lower	Upper
169	100		
168	65.1	53.1	79.7
167	35.5	28.9	43.3



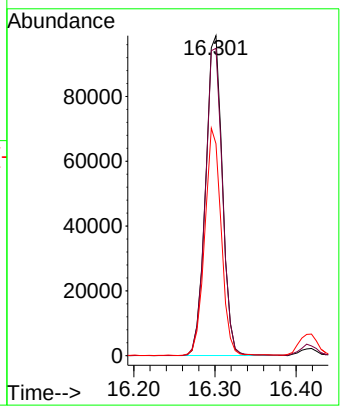


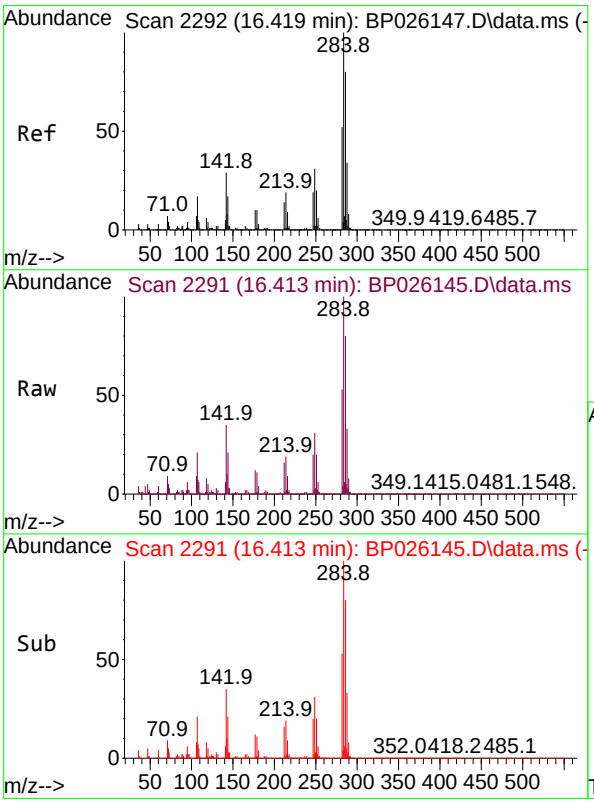
#67
4-Bromophenyl-phenylether
Concen: 9.873 ng
RT: 16.301 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:248 Resp: 142168

Ion	Ratio	Lower	Upper
248	100		
250	96.0	77.8	116.6
141	66.2	55.4	83.0

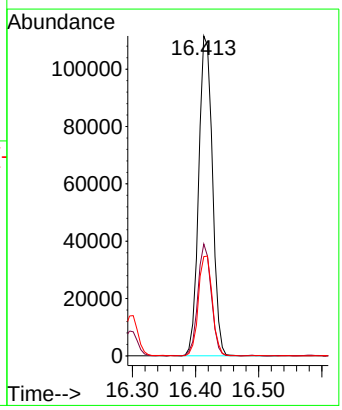


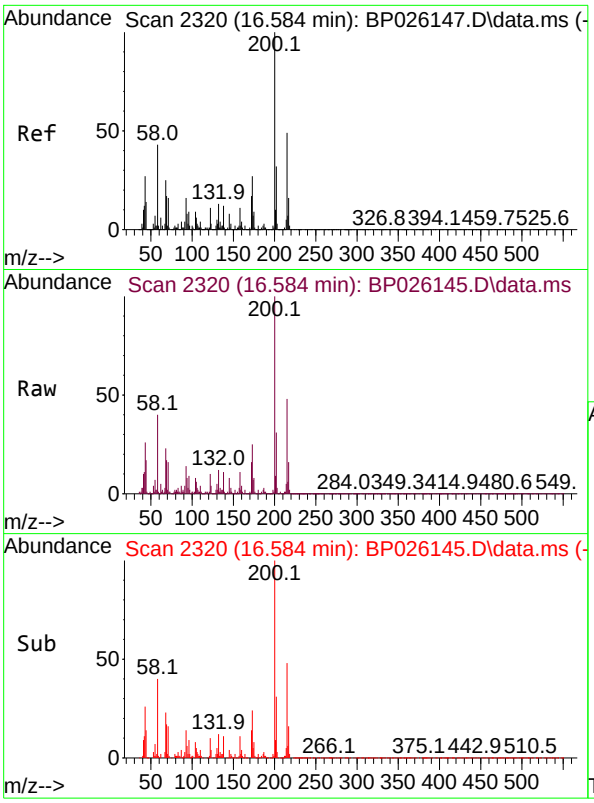


#68
Hexachlorobenzene
Concen: 10.292 ng
RT: 16.413 min Scan# 2291
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:284 Resp: 168597

Ion	Ratio	Lower	Upper
284	100		
142	35.0	28.0	42.0
249	31.0	25.0	37.4



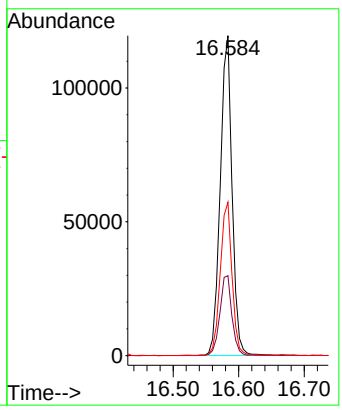


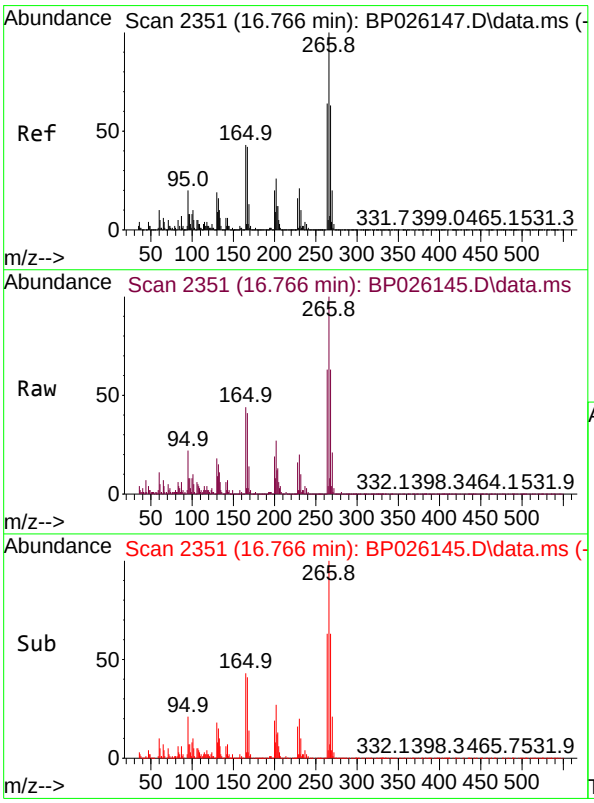
#69
Atrazine
Concen: 10.842 ng
RT: 16.584 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:200 Resp: 150203

Ion	Ratio	Lower	Upper
200	100		
173	25.0	6.7	46.7
215	47.9	27.4	67.4

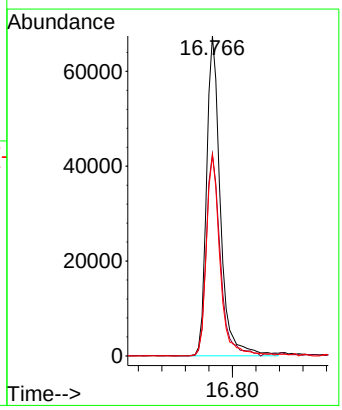


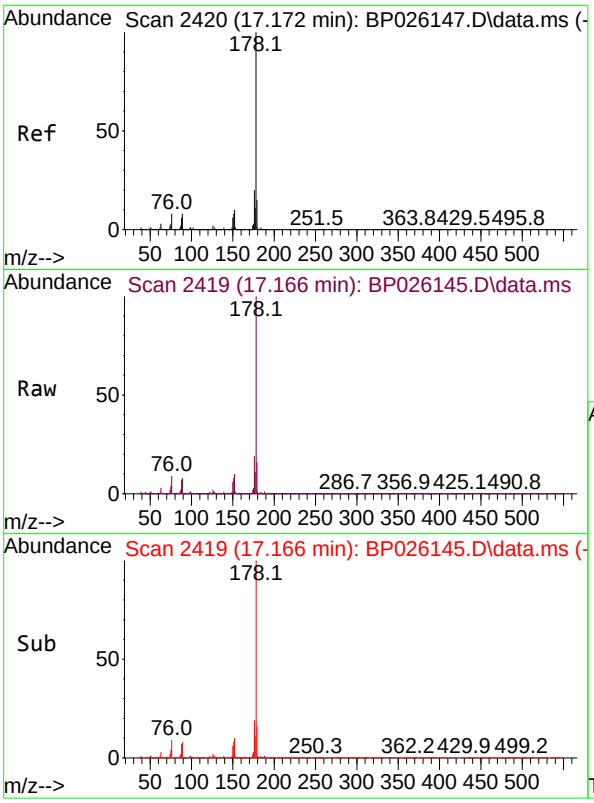


#70
Pentachlorophenol
Concen: 10.777 ng
RT: 16.766 min Scan# 2351
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:266 Resp: 109980

Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.0	76.4
264	62.8	50.2	75.2



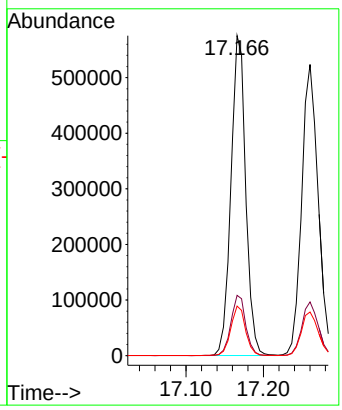


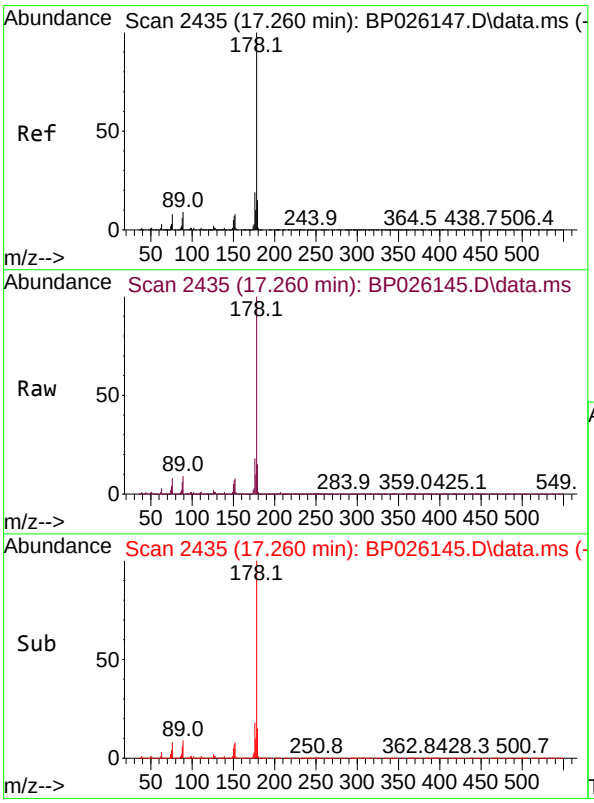
#71
Phenanthrene
Concen: 10.200 ng
RT: 17.166 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:178 Resp: 764343

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.5	12.4	18.6

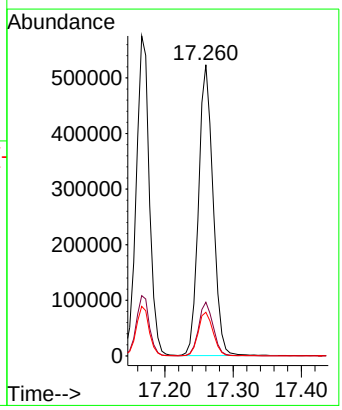


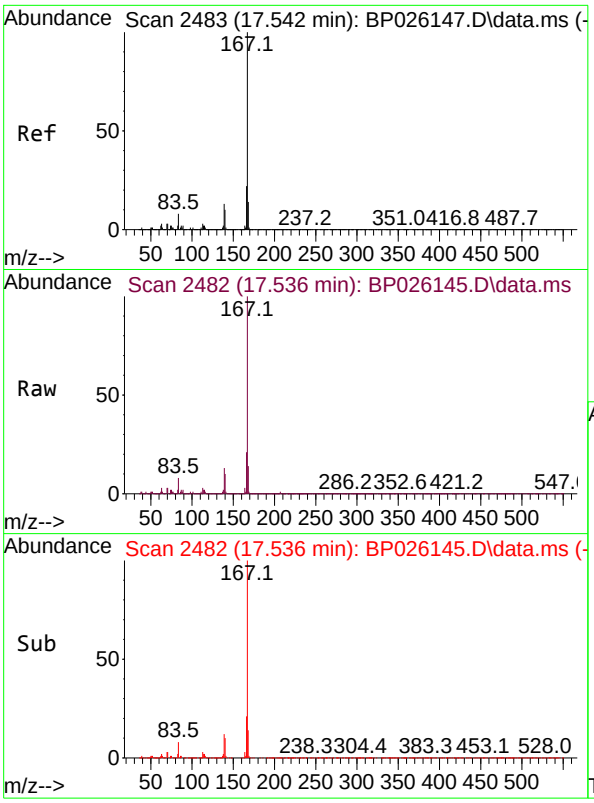


#72
Anthracene
Concen: 10.360 ng
RT: 17.260 min Scan# 2435
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:178 Resp: 774553

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.8	22.2
179	15.0	12.2	18.4



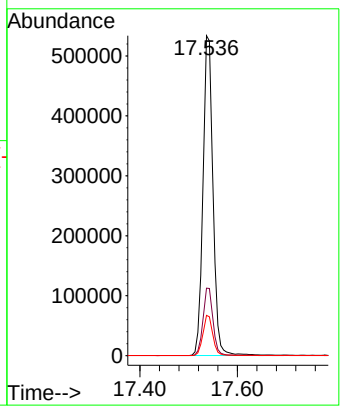


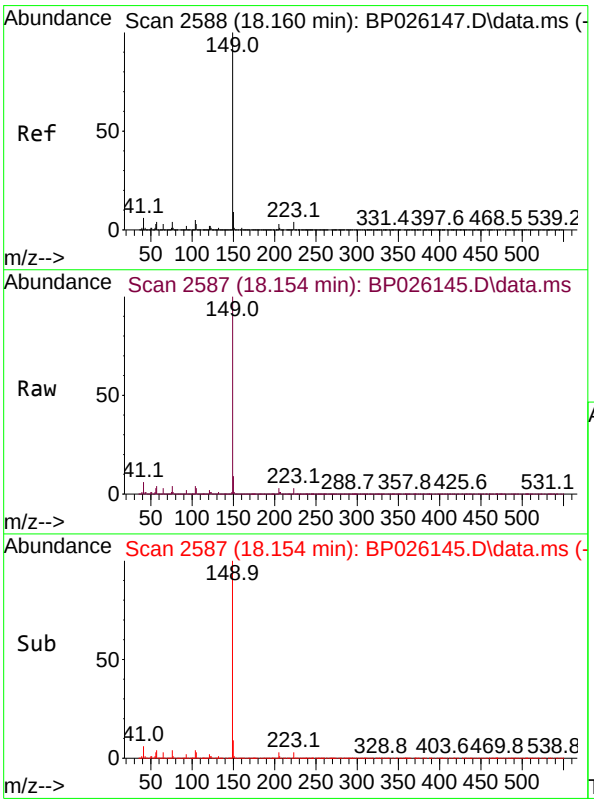
#73
Carbazole
Concen: 10.854 ng
RT: 17.536 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:167 Resp: 763690

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.1	25.7
139	12.6	10.2	15.4

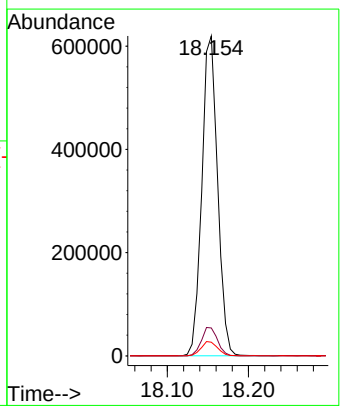


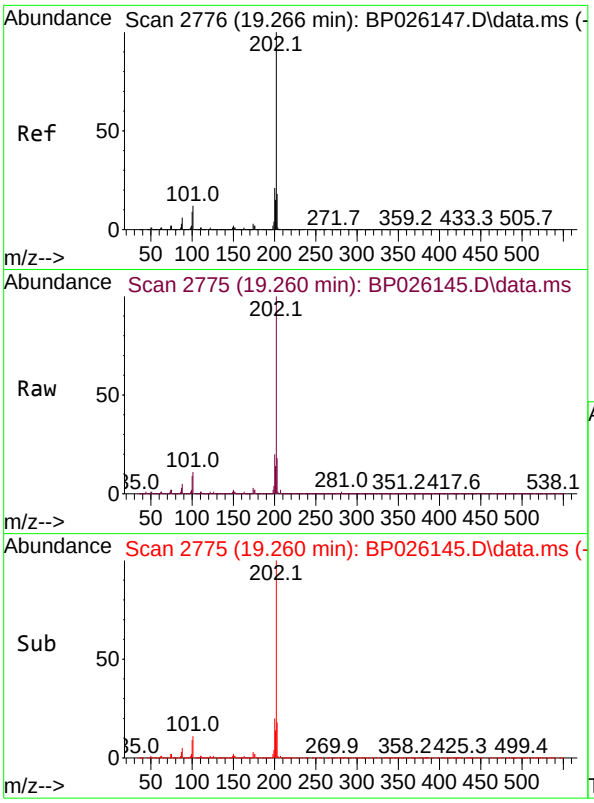


#74
Di-n-butylphthalate
Concen: 10.517 ng
RT: 18.154 min Scan# 2587
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:149 Resp: 836819

Ion	Ratio	Lower	Upper
149	100		
150	8.7	7.5	11.3
104	4.3	3.6	5.4



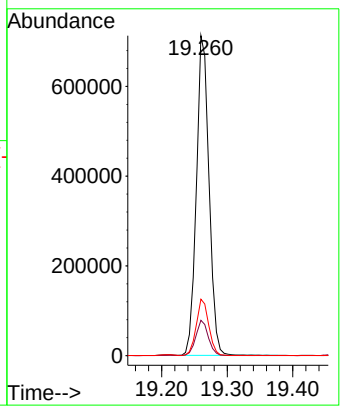


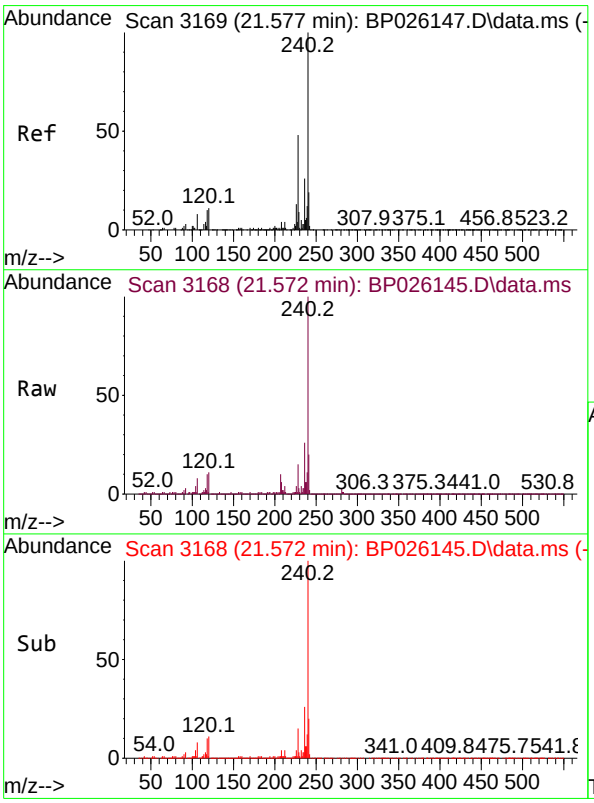
#75
Fluoranthene
Concen: 10.812 ng
RT: 19.260 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:202 Resp: 949438

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	31.2
203	17.6	0.0	37.7

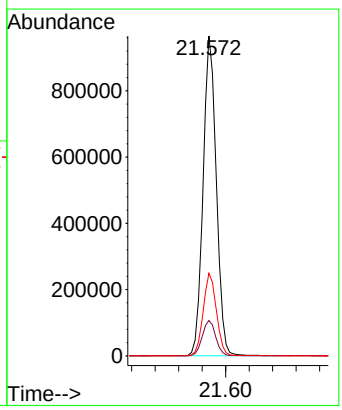


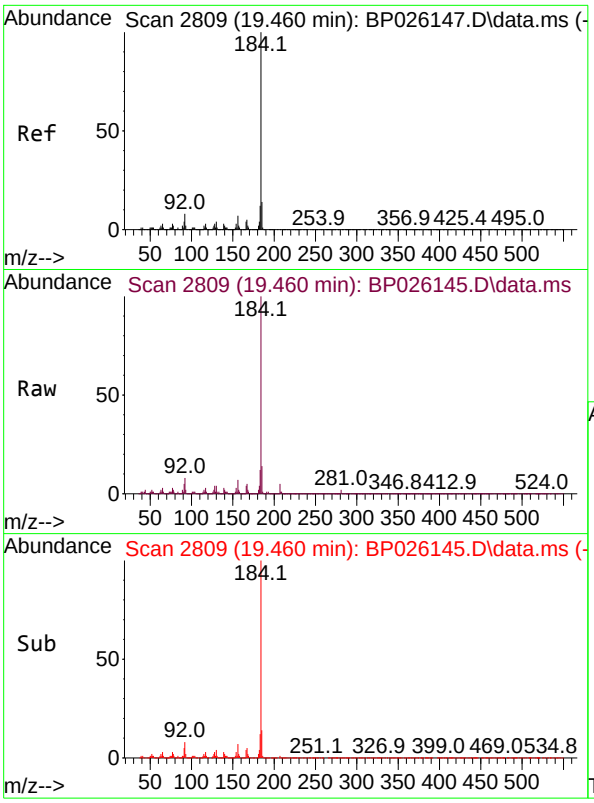


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.572 min Scan# 3168
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:240 Resp: 1508224

Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.0	13.4
236	25.8	20.4	30.6



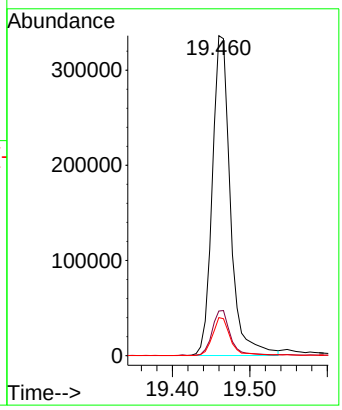


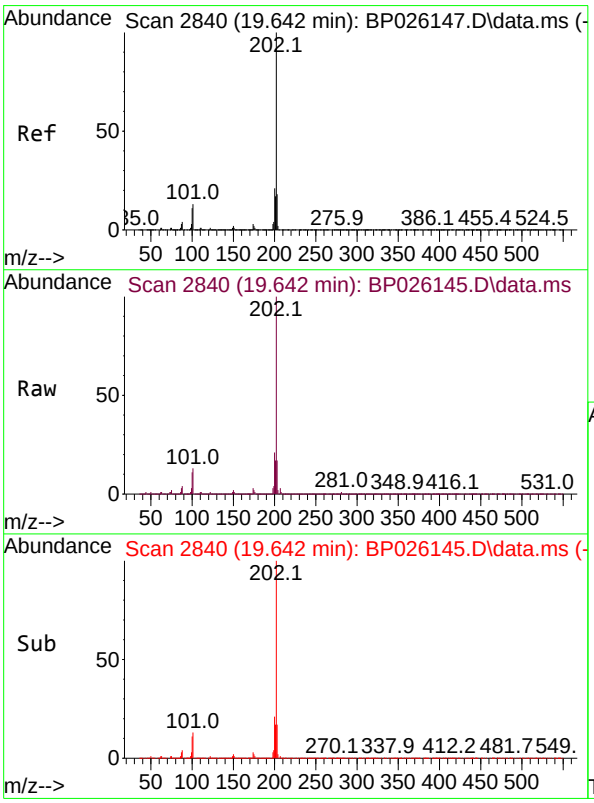
#77
Benzidine
Concen: 13.836 ng
RT: 19.460 min Scan# 28
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:184 Resp: 547975

Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.3	16.9
183	11.9	9.0	13.6

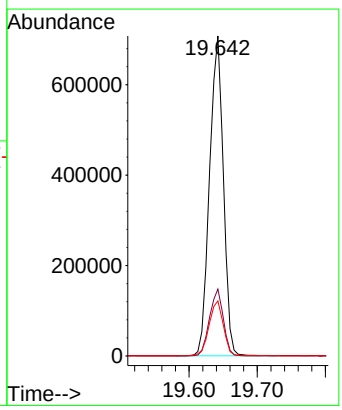


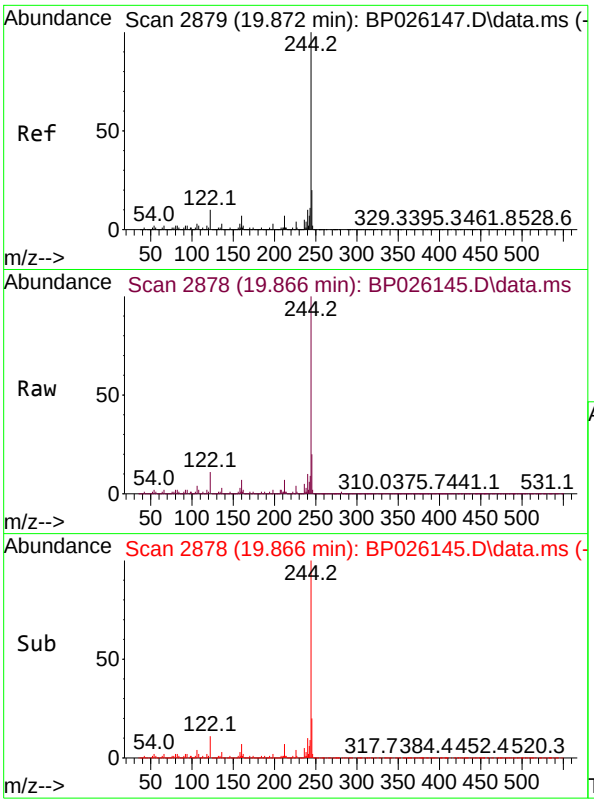


#78
Pyrene
Concen: 9.871 ng
RT: 19.642 min Scan# 2840
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:202 Resp: 994219

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	17.2	13.8	20.8



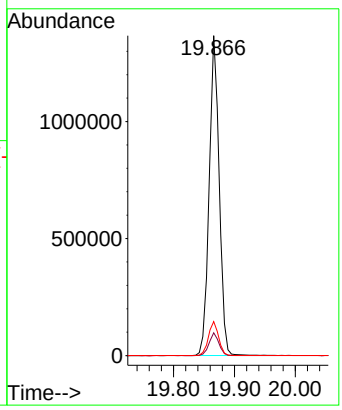


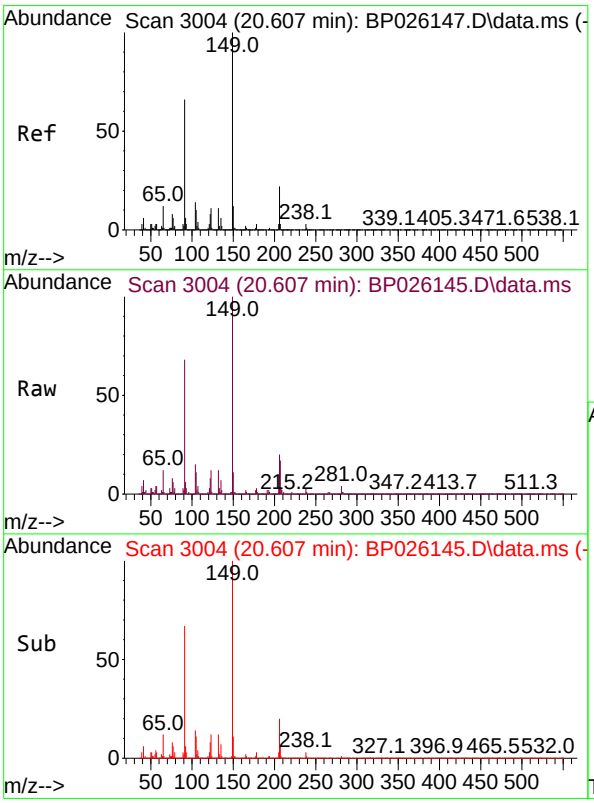
#79
Terphenyl-d14
Concen: 21.144 ng
RT: 19.866 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:244 Resp: 1563806

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	10.6	8.2	12.2

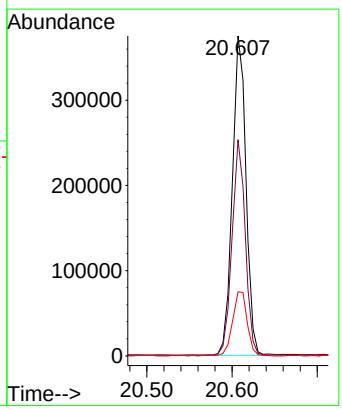


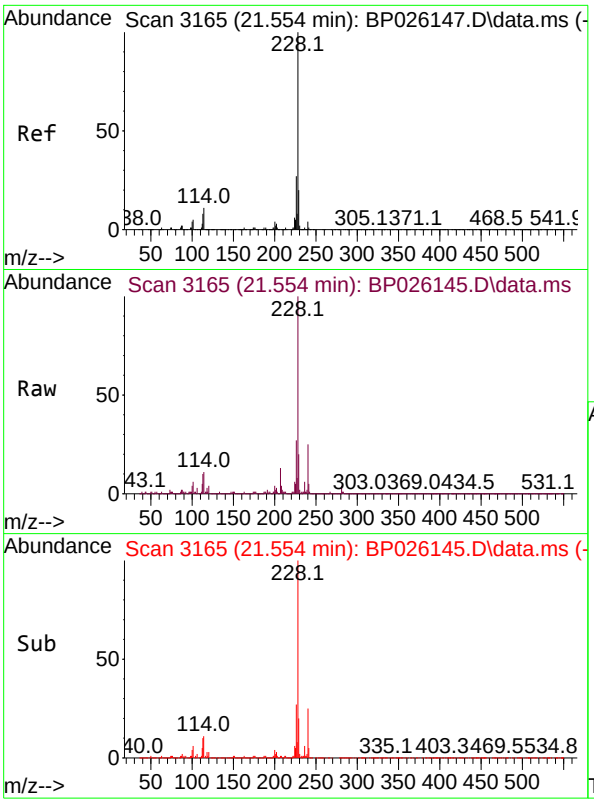


#80
Butylbenzylphthalate
Concen: 12.328 ng
RT: 20.607 min Scan# 3004
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:149 Resp: 416294

Ion	Ratio	Lower	Upper
149	100		
91	67.6	52.6	79.0
206	20.0	16.9	25.3



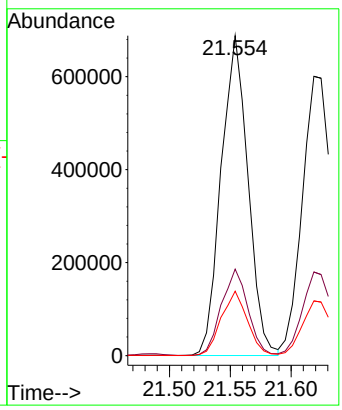


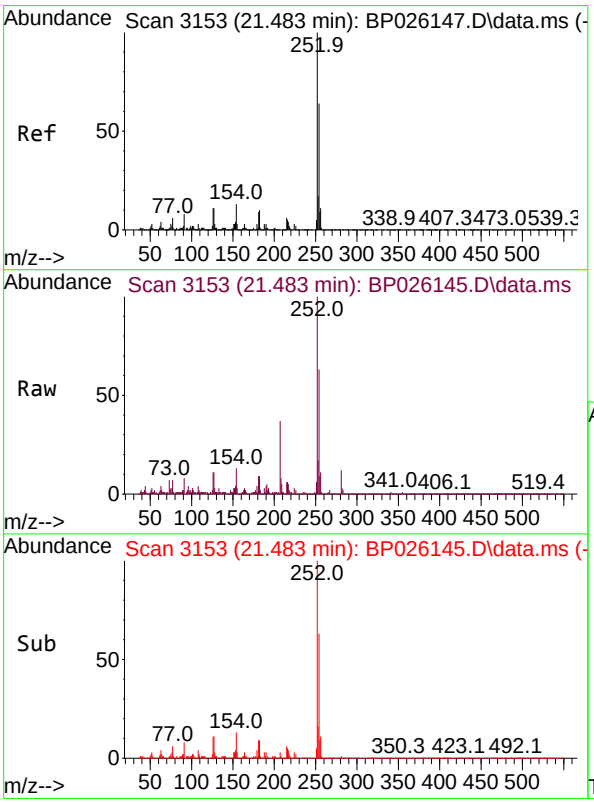
#81
Benzo(a)anthracene
Concen: 10.258 ng
RT: 21.554 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 1056422

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.8	32.8
229	20.1	15.9	23.9

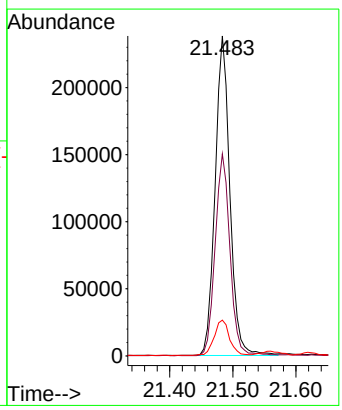


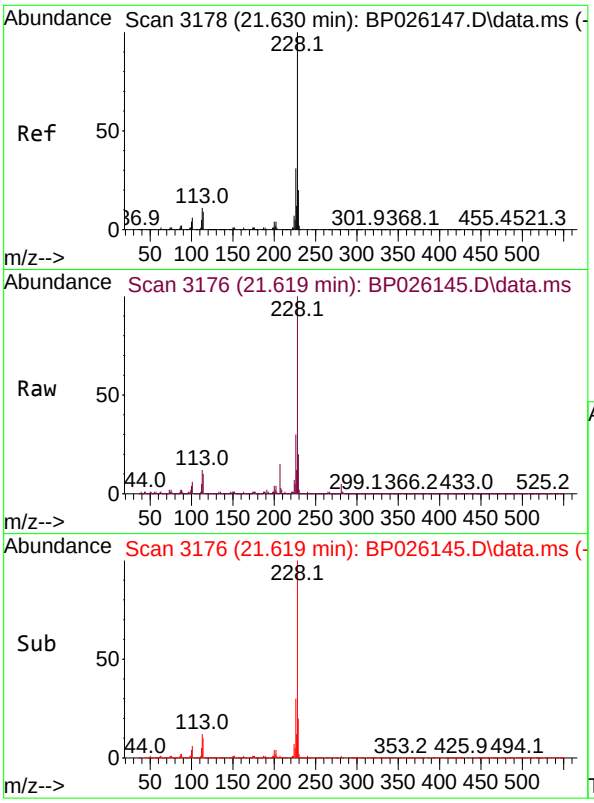


#82
3,3'-Dichlorobenzidine
Concen: 11.403 ng
RT: 21.483 min Scan# 3153
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:252 Resp: 386780

Ion	Ratio	Lower	Upper
252	100		
254	63.1	51.2	76.8
126	11.2	8.2	12.4



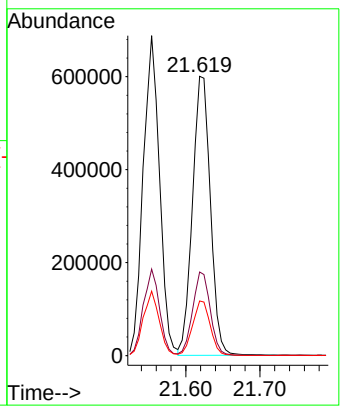


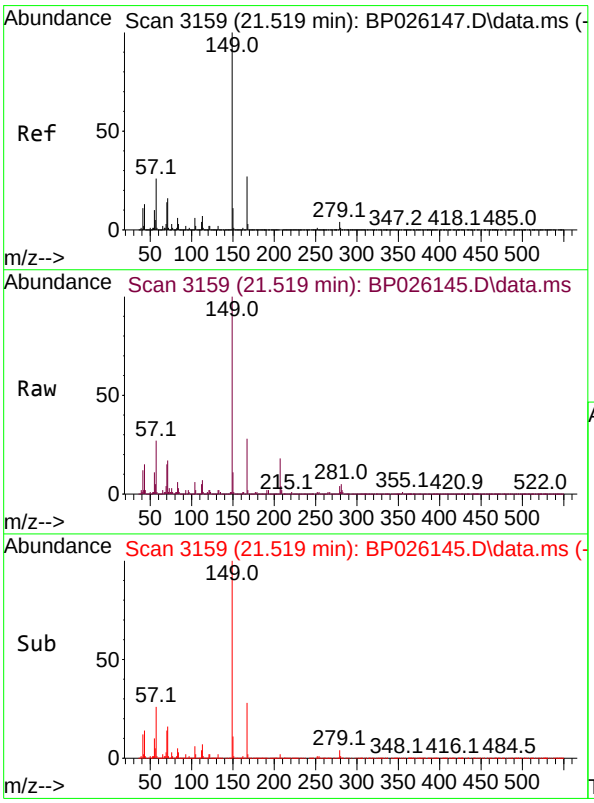
#83
Chrysene
Concen: 10.321 ng
RT: 21.619 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 1007569

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.9	35.9
229	19.6	15.9	23.9

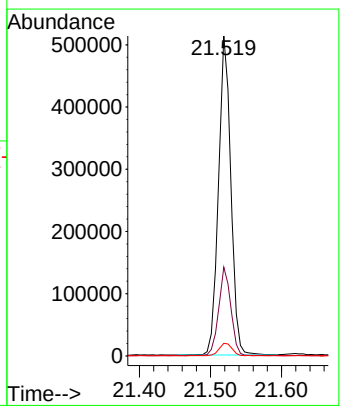


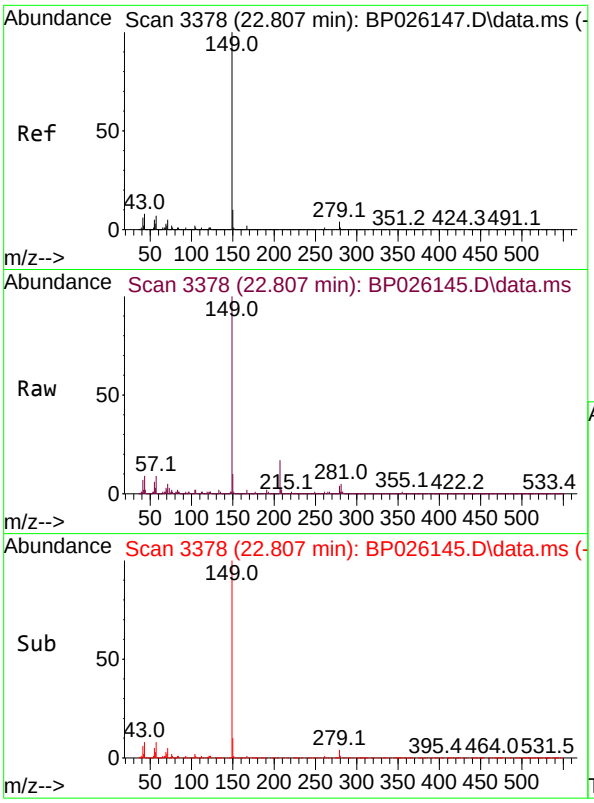


#84
Bis(2-ethylhexyl)phthalate
Concen: 11.273 ng
RT: 21.519 min Scan# 3159
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:149 Resp: 622482

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.1	33.1
279	4.0	3.3	4.9



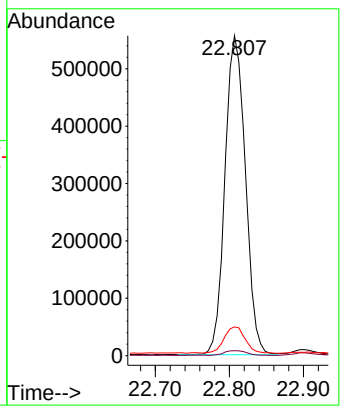


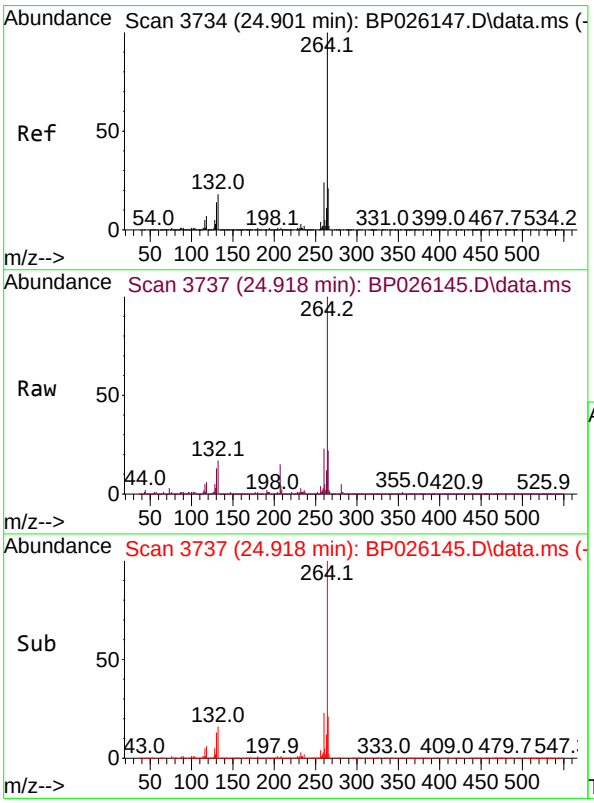
#85
Di-n-octyl phthalate
Concen: 11.335 ng
RT: 22.807 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:149 Resp: 1066561

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.5	6.6	10.0

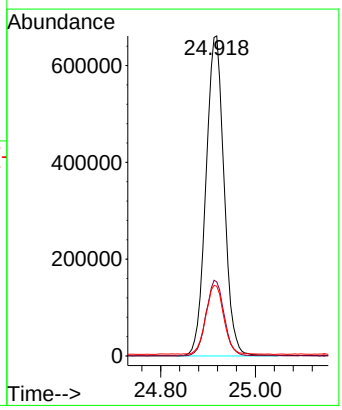


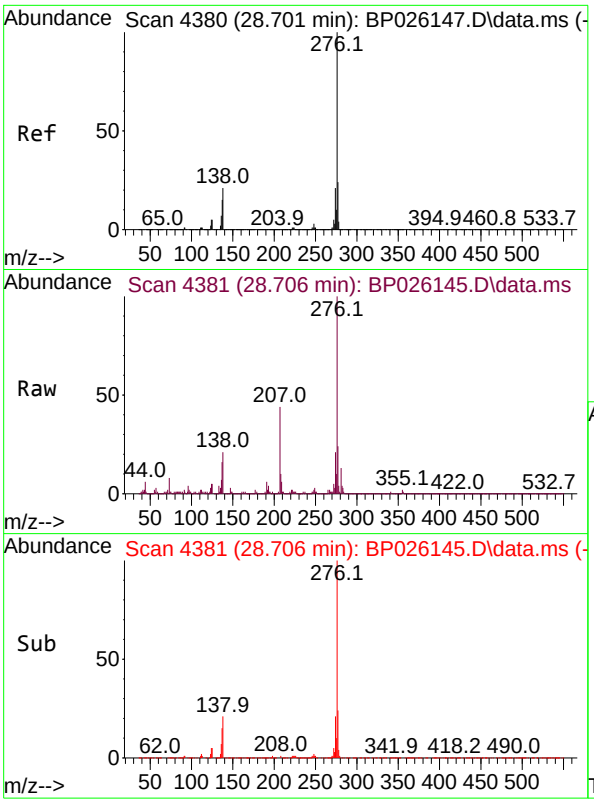


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.918 min Scan# 3737
Delta R.T. 0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:264 Resp: 1757840

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	21.8	17.5	26.3



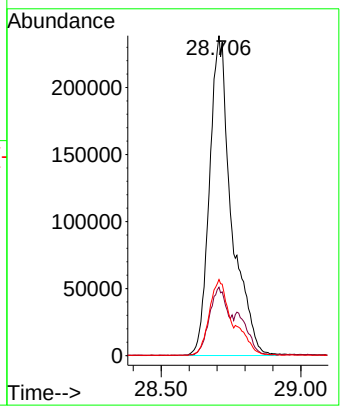


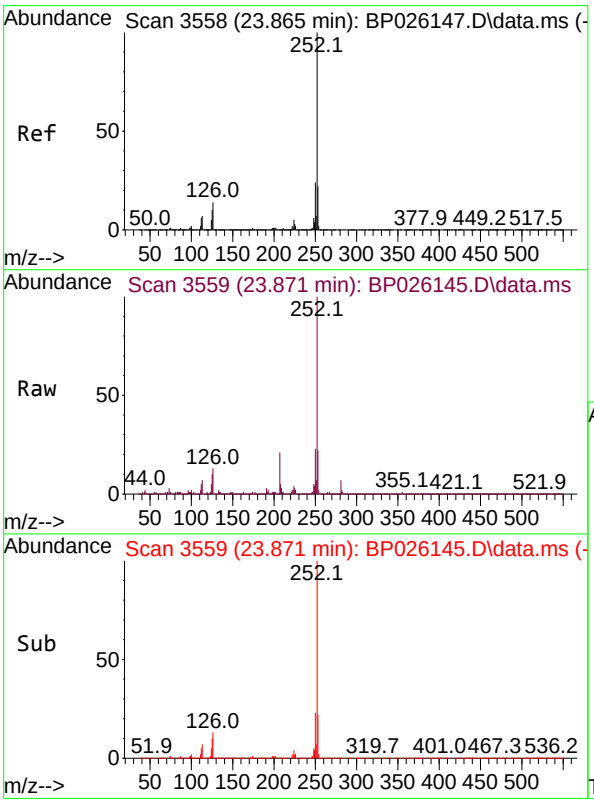
#87
Indeno(1,2,3-cd)pyrene
Concen: 10.110 ng
RT: 28.706 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:276 Resp: 1303884

Ion	Ratio	Lower	Upper
276	100		
138	17.0	13.8	20.8
277	19.9	16.7	25.1

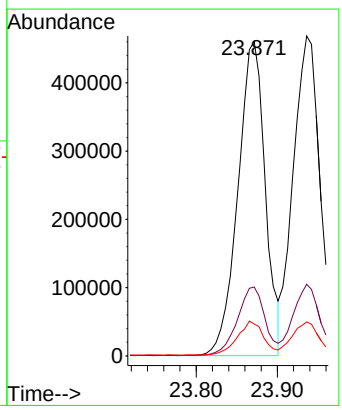


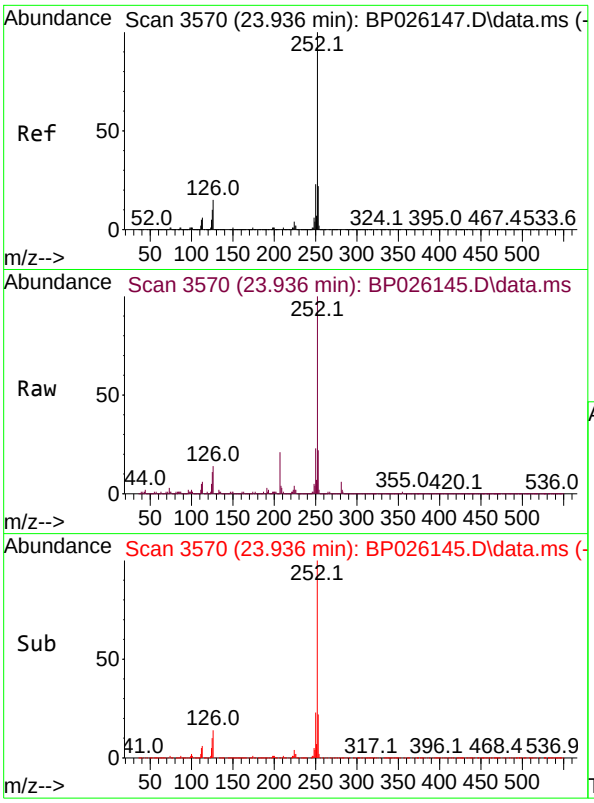


#88
Benzo(b)fluoranthene
Concen: 9.993 ng
RT: 23.871 min Scan# 3559
Delta R.T. 0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:252 Resp: 1077584

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	10.1	8.2	12.4



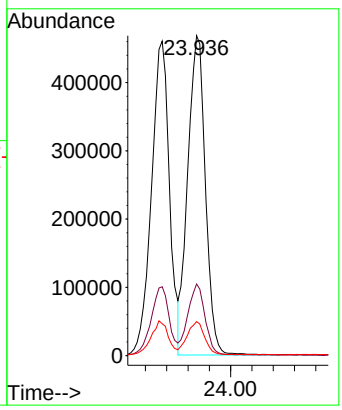


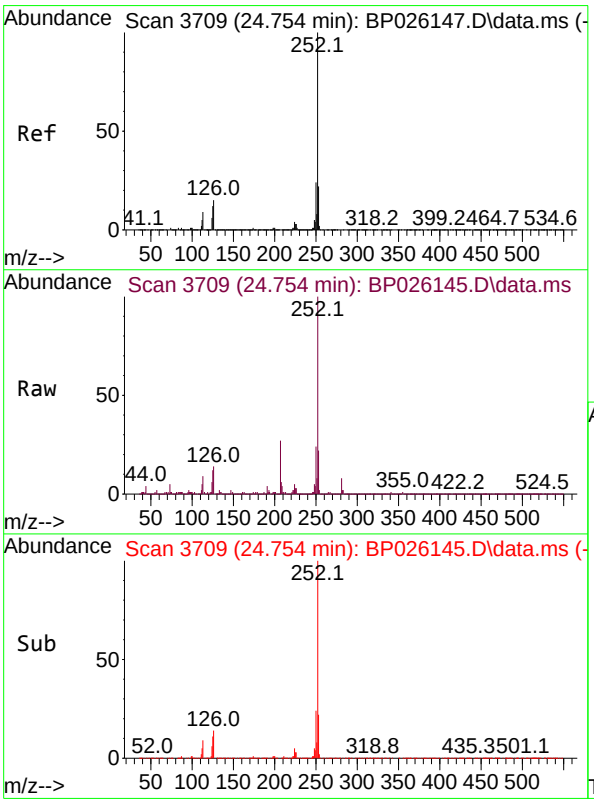
#89
Benzo(k)fluoranthene
Concen: 9.789 ng
RT: 23.936 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 1079191

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	10.6	7.5	11.3

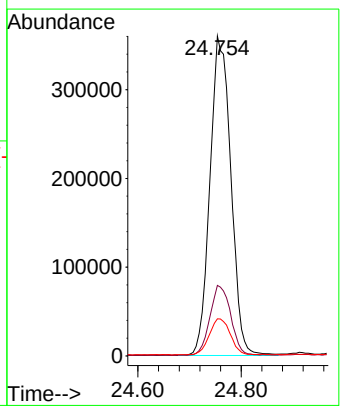


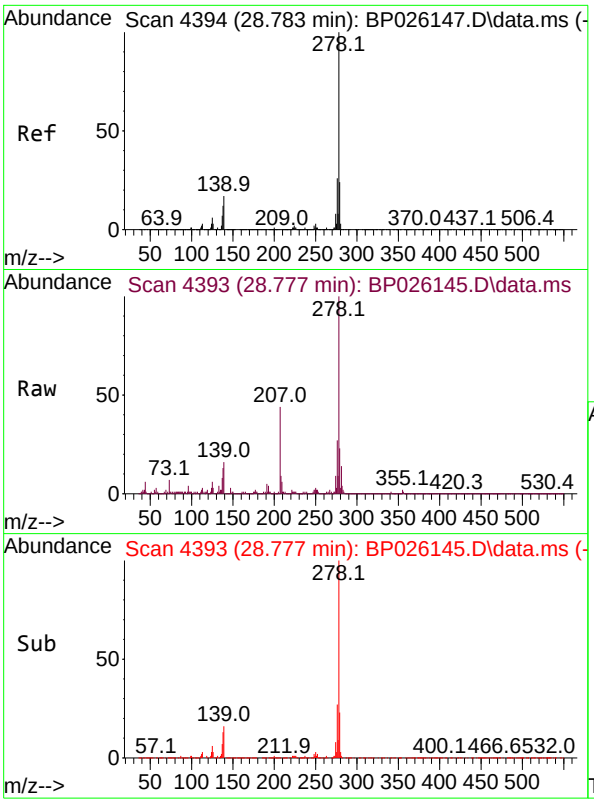


#90
Benzo(a)pyrene
Concen: 10.165 ng
RT: 24.754 min Scan# 3709
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:252 Resp: 1013571

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	11.6	9.0	13.6



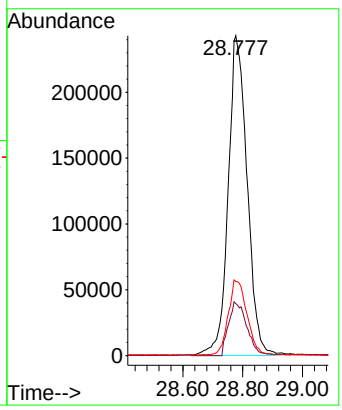


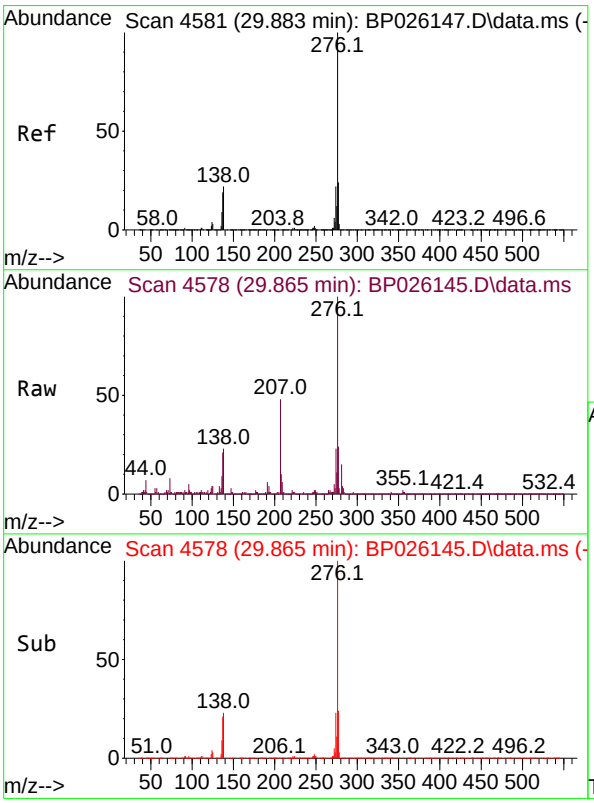
#91
Dibenzo(a,h)anthracene
Concen: 10.197 ng
RT: 28.777 min Scan# 4
Delta R.T. -0.017 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:278 Resp: 1072192

Ion	Ratio	Lower	Upper
278	100		
139	16.3	13.2	19.8
279	23.1	19.2	28.8

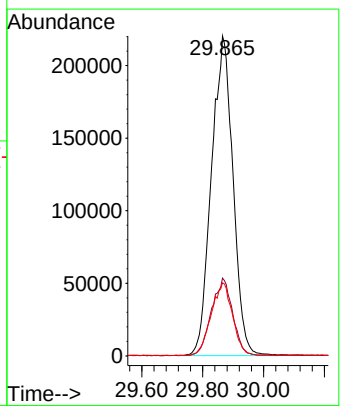




#92
Benzo(g,h,i)perylene
Concen: 10.641 ng
RT: 29.865 min Scan# 4578
Delta R.T. -0.017 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:276 Resp: 1080830

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.8	28.2
138	22.8	17.8	26.6



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026146.D
Acq On : 18 Nov 2025 16:35
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 00:40:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.672	152	298291	20.000	ng	0.00
21) Naphthalene-d8	10.449	136	1240005	20.000	ng	0.00
39) Acenaphthene-d10	14.319	164	810030	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1709036	20.000	ng	0.00
76) Chrysene-d12	21.589	240	1880769	20.000	ng	0.02
86) Perylene-d12	24.924	264	2127701	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	762064	42.149	ng	0.00
7) Phenol-d6	6.849	99	967986	42.206	ng	0.00
23) Nitrobenzene-d5	8.813	82	898109	44.814	ng	0.00
42) 2,4,6-Tribromophenol	15.837	330	442990	49.922	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	2354273	41.935	ng	0.00
79) Terphenyl-d14	19.878	244	3990615	43.268	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.225	88	156200	20.591	ng	99
3) Pyridine	3.620	79	450325	20.880	ng	99
4) n-Nitrosodimethylamine	3.525	42	167064	19.544	ng	95
6) Aniline	7.002	93	642407	21.012	ng	99
8) 2-Chlorophenol	7.243	128	428984	21.417	ng	98
9) Benzaldehyde	6.819	77	268085	23.205	ng	97
10) Phenol	6.872	94	524201	20.669	ng	98
11) bis(2-Chloroethyl)ether	7.102	93	408052	20.320	ng	99
12) 1,3-Dichlorobenzene	7.561	146	468385	20.475	ng	100
13) 1,4-Dichlorobenzene	7.708	146	473917	20.465	ng	99
14) 1,2-Dichlorobenzene	8.019	146	453824	20.519	ng	100
15) Benzyl Alcohol	7.902	79	352314	21.241	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.196	45	585097	19.455	ng	99
17) 2-Methylphenol	8.108	107	355321	21.308	ng	99
18) Hexachloroethane	8.749	117	169683	21.211	ng	99
19) n-Nitroso-di-n-propyla...	8.472	70	317044	22.304	ng	99
20) 3+4-Methylphenols	8.437	107	494113	21.323	ng	99
22) Acetophenone	8.484	105	656986	21.014	ng	100
24) Nitrobenzene	8.849	77	456901	21.768	ng	99
25) Isophorone	9.384	82	912115	21.502	ng	99
26) 2-Nitrophenol	9.560	139	225396	31.463	ng	99
27) 2,4-Dimethylphenol	9.619	122	418475	23.115	ng	99
28) bis(2-Chloroethoxy)met...	9.860	93	563383	21.042	ng	100
29) 2,4-Dichlorophenol	10.096	162	415150	21.974	ng	99
30) 1,2,4-Trichlorobenzene	10.302	180	417562	20.380	ng	96
31) Naphthalene	10.496	128	1383127	20.547	ng	100
32) Benzoic acid	9.737	122	332008	30.418	ng	98
33) 4-Chloroaniline	10.590	127	594215	22.720	ng	99
34) Hexachlorobutadiene	10.796	225	271388	20.697	ng	99
35) Caprolactam	11.366	113	152491	23.091	ng	98
36) 4-Chloro-3-methylphenol	11.731	107	453497	22.951	ng	99
37) 2-Methylnaphthalene	12.113	142	997491	21.193	ng	99
38) 1-Methylnaphthalene	12.331	142	973734	21.279	ng	99
40) 1,2,4,5-Tetrachloroben...	12.490	216	496403	19.803	ng	100
41) Hexachlorocyclopentadiene	12.472	237	309362	29.677	ng	98
43) 2,4,6-Trichlorophenol	12.725	196	349396	23.301	ng	98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026146.D
Acq On : 18 Nov 2025 16:35
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 00:40:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.801	196	390063	22.897	ng	99
46) 1,1'-Biphenyl	13.137	154	1280167	20.733	ng	99
47) 2-Chloronaphthalene	13.178	162	985563	20.303	ng	99
48) 2-Nitroaniline	13.372	65	279508	25.032	ng	96
49) Acenaphthylene	14.031	152	1661599	23.158	ng	100
50) Dimethylphthalate	13.772	163	1274006	21.720	ng	99
51) 2,6-Dinitrotoluene	13.884	165	251271	25.482	ng	98
52) Acenaphthene	14.384	154	955446	19.901	ng	100
53) 3-Nitroaniline	14.213	138	297736	24.958	ng	99
54) 2,4-Dinitrophenol	14.431	184	141102	31.181	ng	96
55) Dibenzofuran	14.719	168	1523244	20.834	ng	99
56) 4-Nitrophenol	14.537	139	268085	22.578	ng	99
57) 2,4-Dinitrotoluene	14.678	165	380156	26.418	ng	97
58) Fluorene	15.384	166	1215204	21.155	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.948	232	331539	24.574	ng	99
60) Diethylphthalate	15.166	149	1289507	21.853	ng	100
61) 4-Chlorophenyl-phenyle...	15.384	204	600360	20.967	ng	97
62) 4-Nitroaniline	15.390	138	319109	25.224	ng	100
63) Azobenzene	15.684	77	1089967	20.545	ng	98
65) 4,6-Dinitro-2-methylph...	15.460	198	209402	28.706	ng	94
66) n-Nitrosodiphenylamine	15.601	169	1094982	20.565	ng	100
67) 4-Bromophenyl-phenylether	16.301	248	381732	20.120	ng	99
68) Hexachlorobenzene	16.419	284	443742	20.559	ng	97
69) Atrazine	16.589	200	422452	23.144	ng	98
70) Pentachlorophenol	16.772	266	306483	22.793	ng	99
71) Phenanthrene	17.178	178	2014344	20.401	ng	100
72) Anthracene	17.272	178	2046874	20.778	ng	100
73) Carbazole	17.548	167	1966833	21.216	ng	100
74) Di-n-butylphthalate	18.160	149	2344972	22.368	ng	99
75) Fluoranthene	19.272	202	2482057	21.452	ng	99
77) Benzidine	19.472	184	1379032	27.923	ng	100
78) Pyrene	19.648	202	2586291	20.591	ng	100
80) Butylbenzylphthalate	20.613	149	1151348	27.342	ng	99
81) Benzo(a)anthracene	21.566	228	2702573	21.043	ng	99
82) 3,3'-Dichlorobenzidine	21.483	252	989512	23.394	ng	98
83) Chrysene	21.636	228	2522765	20.723	ng	99
84) Bis(2-ethylhexyl)phtha...	21.530	149	1726261	25.069	ng	99
85) Di-n-octyl phthalate	22.813	149	2956568	25.198	ng	100
87) Indeno(1,2,3-cd)pyrene	28.706	276	3273296m	20.969	ng	
88) Benzo(b)fluoranthene	23.866	252	2704711	20.722	ng	100
89) Benzo(k)fluoranthene	23.942	252	2712398	20.326	ng	99
90) Benzo(a)pyrene	24.754	252	2549616	21.125	ng	99
91) Dibenzo(a,h)anthracene	28.795	278	2711736	21.306	ng	100
92) Benzo(g,h,i)perylene	29.877	276	2666038m	21.686	ng	

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

ICAL Form

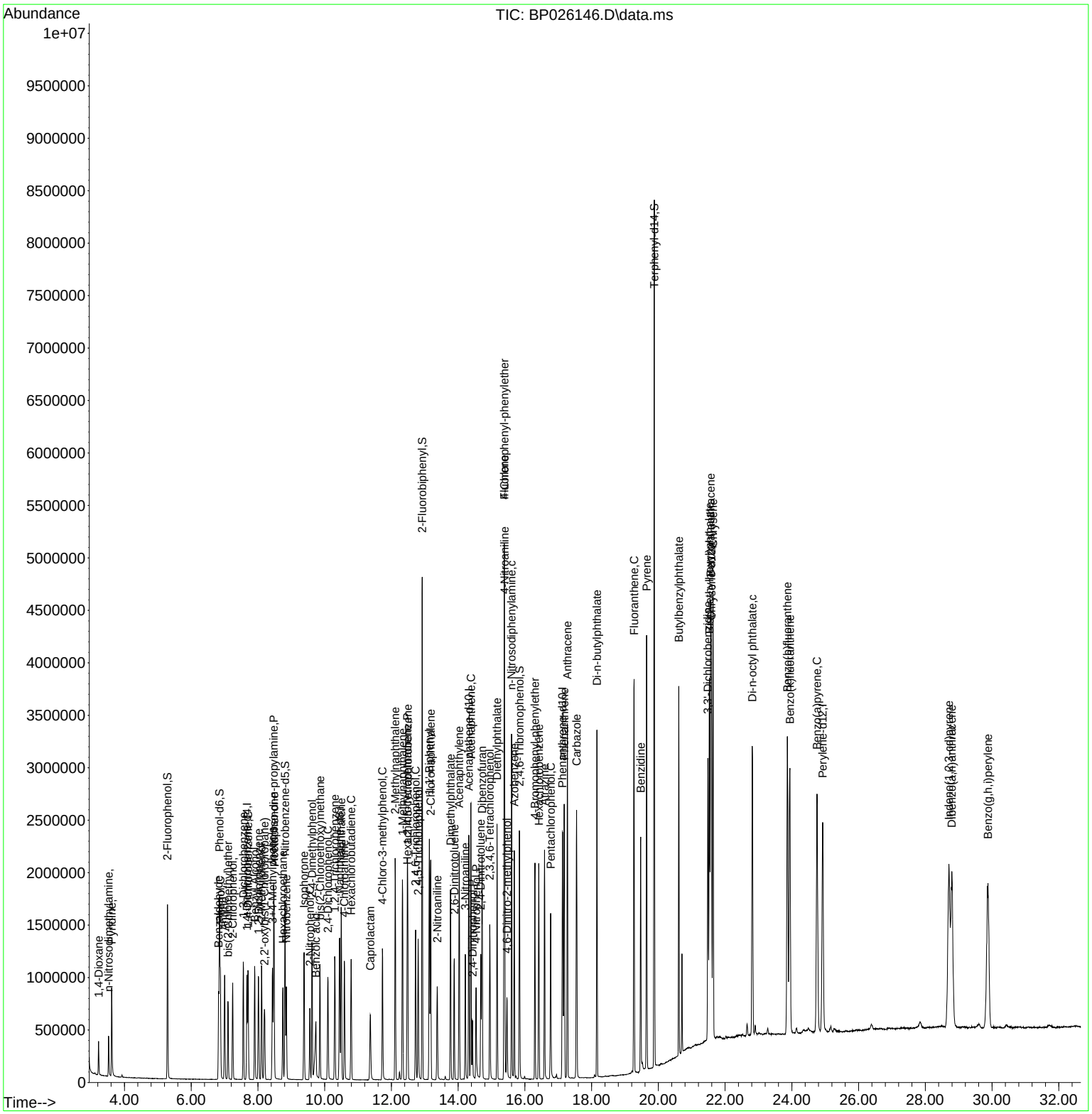
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Data File : BP026146.D
Acq On : 18 Nov 2025 16:35
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

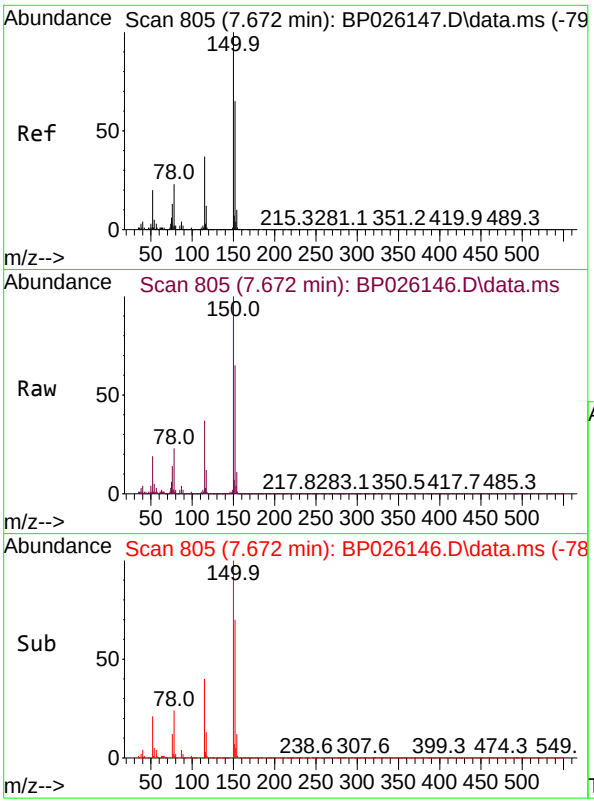
Quant Time: Nov 19 00:40:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

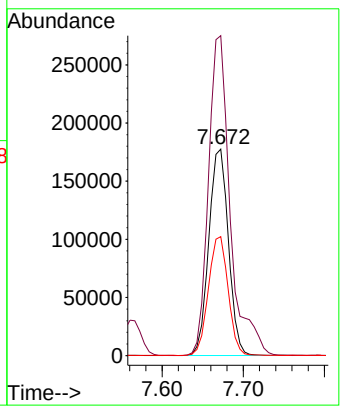




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:152 Resp: 29829

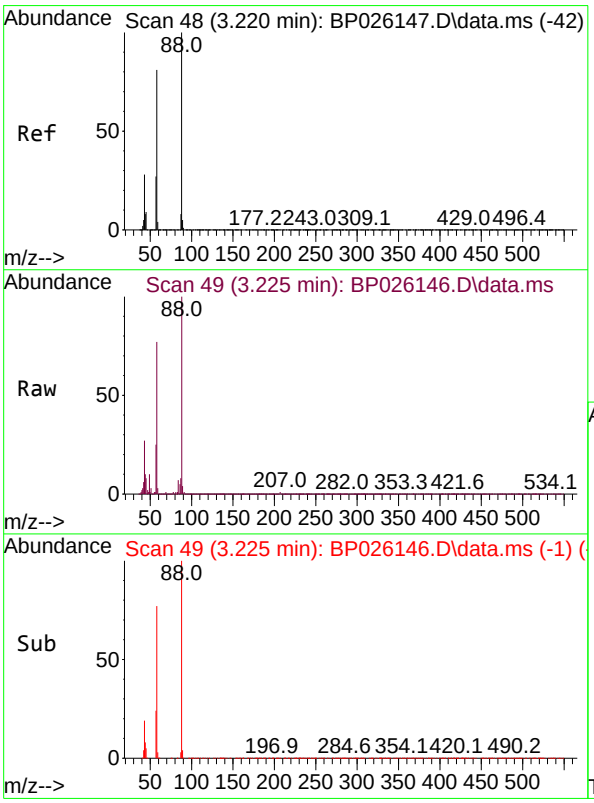
Ion	Ratio	Lower	Upper
152	100		
150	155.0	123.0	184.6
115	57.6	46.3	69.5



Instrument :
BNA_P
ClientSampleId :
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Manual Integrations
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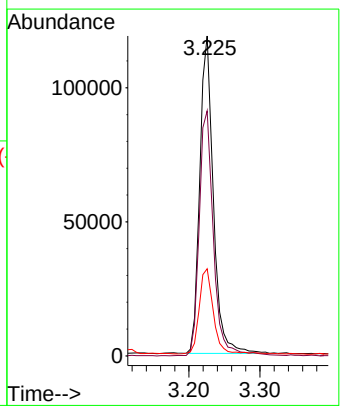
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

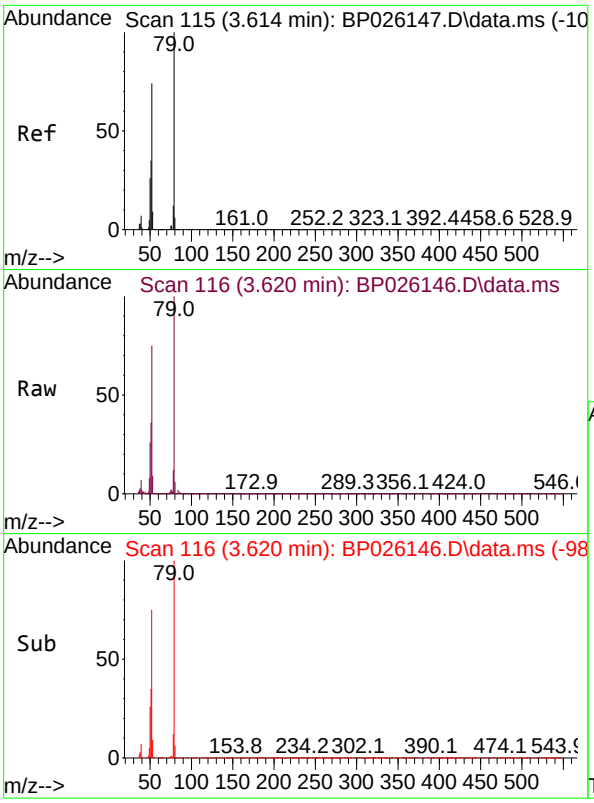


#2
1,4-Dioxane
Concen: 20.591 ng
RT: 3.225 min Scan# 49
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion: 88 Resp: 156200

Ion	Ratio	Lower	Upper
88	100		
58	81.0	64.2	96.4
43	28.2	21.5	32.3

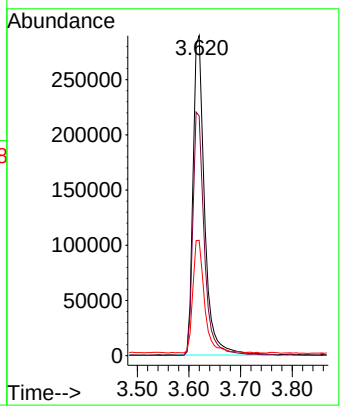




#3
Pyridine
Concen: 20.880 ng
RT: 3.620 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion: 79 Resp: 45032

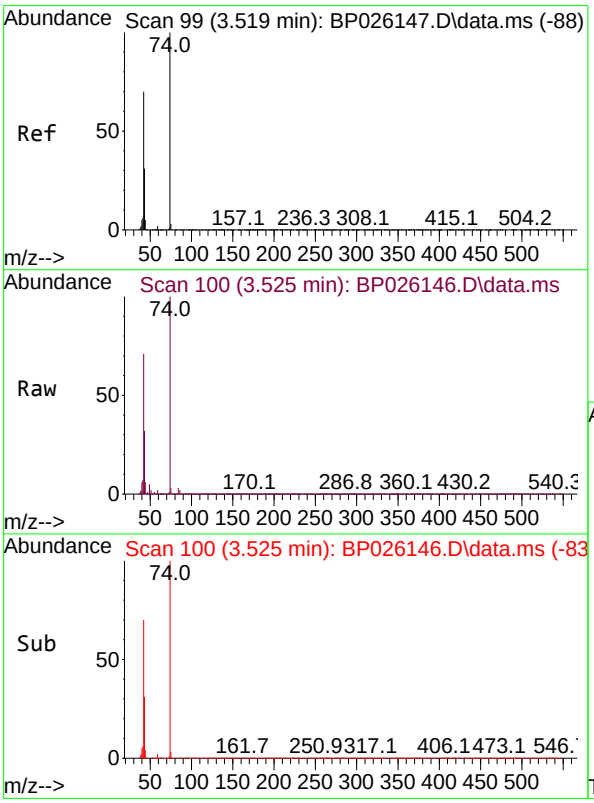
Ion	Ratio	Lower	Upper
79	100		
52	74.9	60.2	90.2
51	36.0	29.5	44.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
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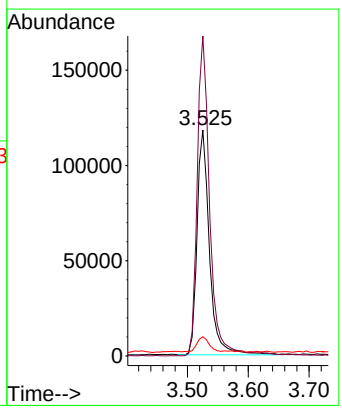
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

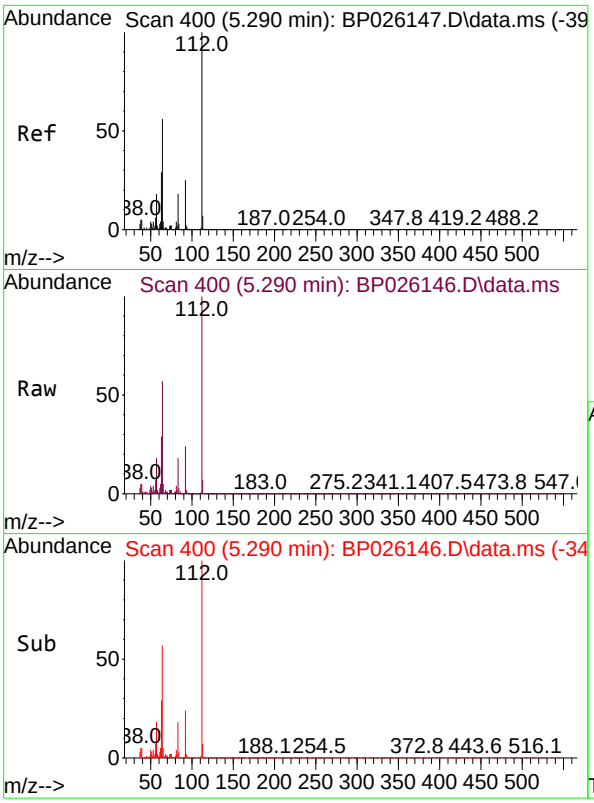


#4
n-Nitrosodimethylamine
Concen: 19.544 ng
RT: 3.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion: 42 Resp: 167064

Ion	Ratio	Lower	Upper
42	100		
74	141.6	118.1	177.1
44	8.5	6.2	9.4

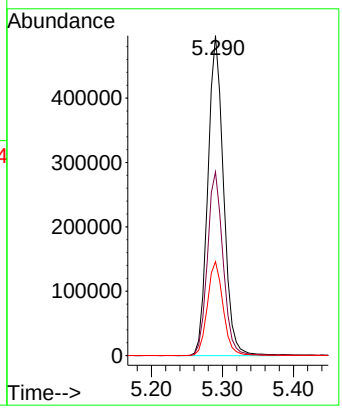




#5
2-Fluorophenol
Concen: 42.149 ng
RT: 5.290 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:112 Resp: 76206

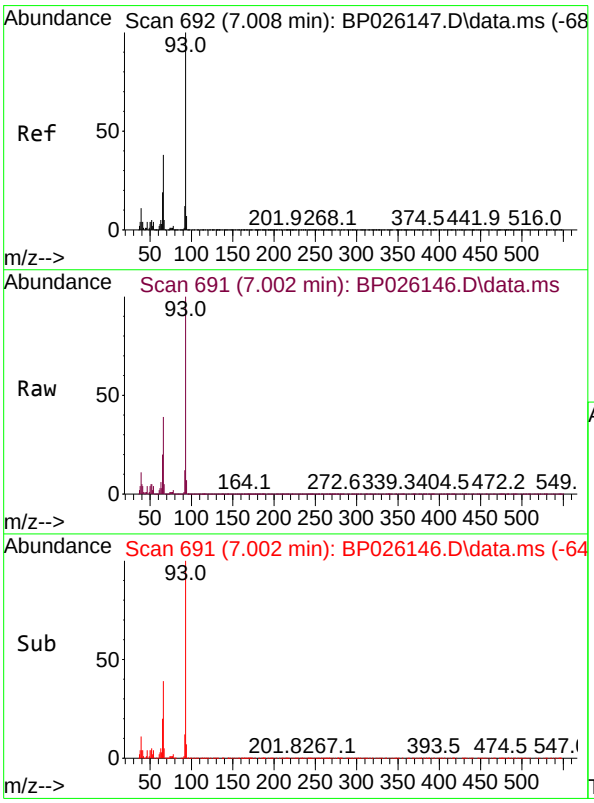
Ion	Ratio	Lower	Upper
112	100		
64	57.4	45.8	68.6
63	29.4	23.5	35.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
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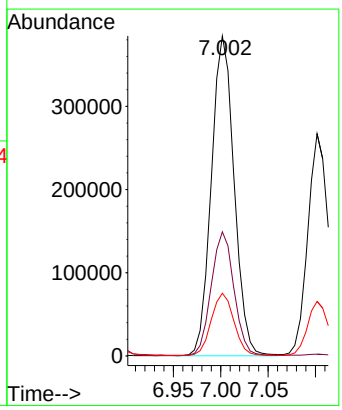
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

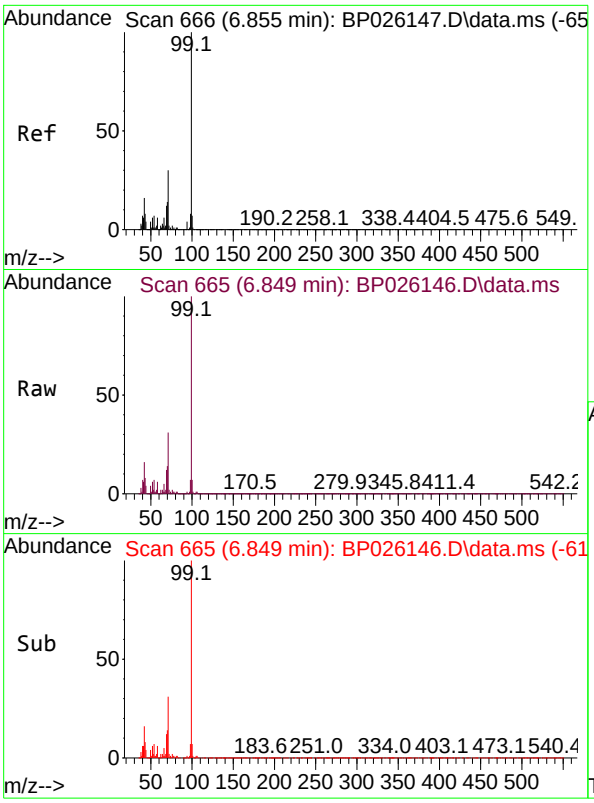


#6
Aniline
Concen: 21.012 ng
RT: 7.002 min Scan# 691
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion: 93 Resp: 642407

Ion	Ratio	Lower	Upper
93	100		
66	38.8	31.7	47.5
65	19.6	15.8	23.6

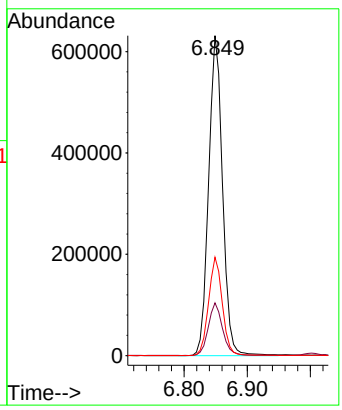




#7
Phenol-d6
Concen: 42.206 ng
RT: 6.849 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion: 99 Resp: 96798

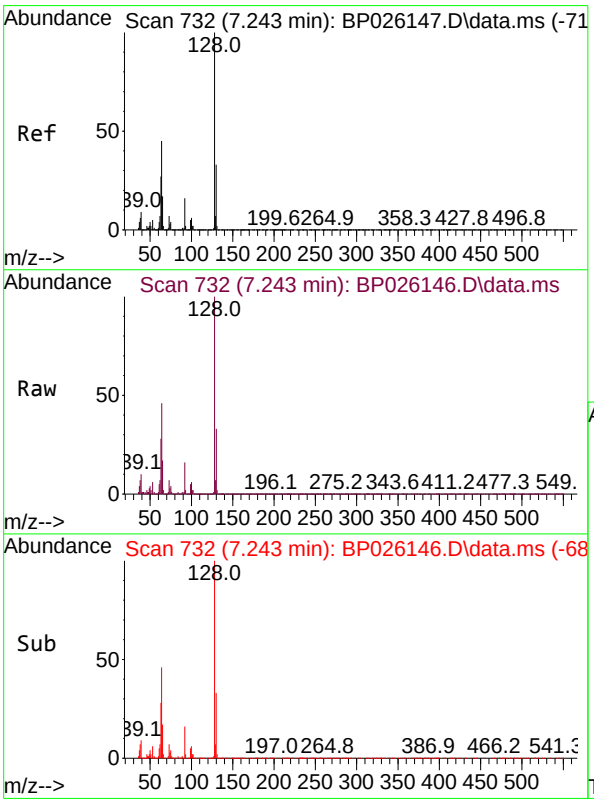
Ion	Ratio	Lower	Upper
99	100		
42	16.5	12.9	19.3
71	30.7	24.8	37.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

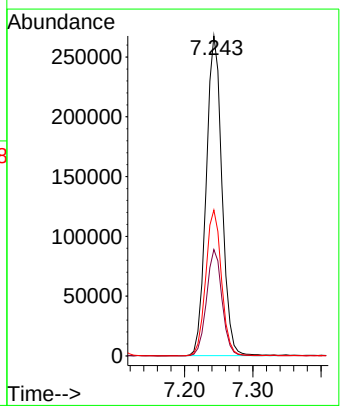
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

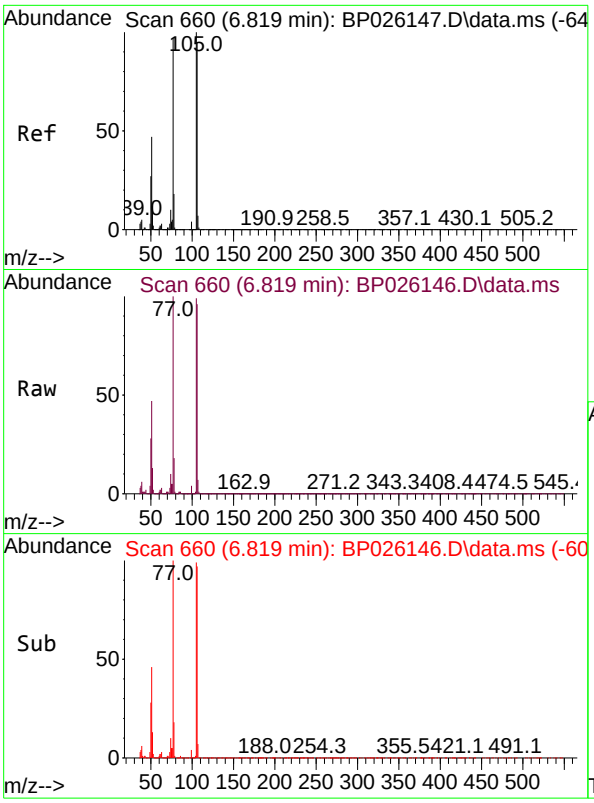


#8
2-Chlorophenol
Concen: 21.417 ng
RT: 7.243 min Scan# 732
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:128 Resp: 428984

Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.4	52.4
64	45.6	23.9	63.9

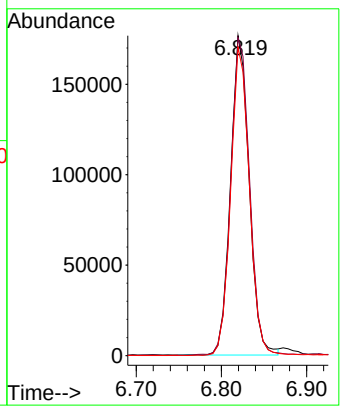




#9
Benzaldehyde
Concen: 23.205 ng
RT: 6.819 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion: 77 Resp: 26808

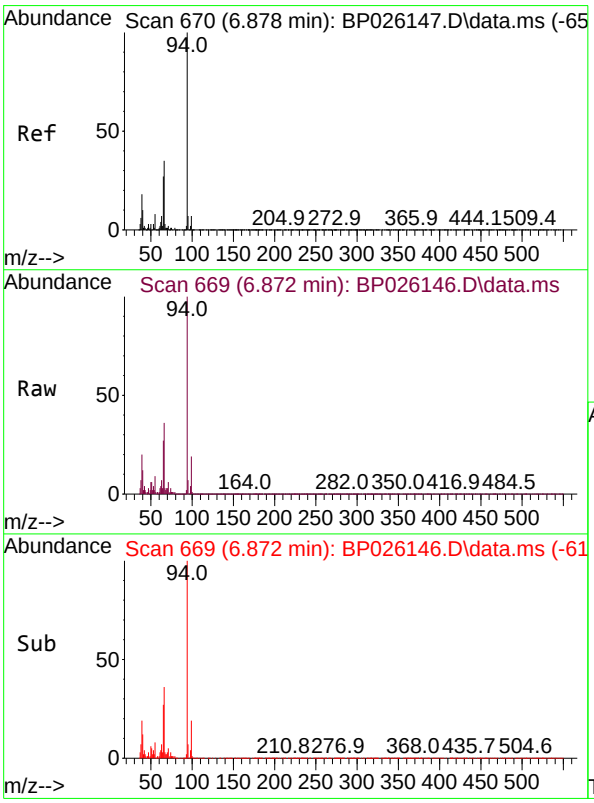
Ion	Ratio	Lower	Upper
77	100		
105	99.3	82.9	122.9
106	96.4	77.8	117.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
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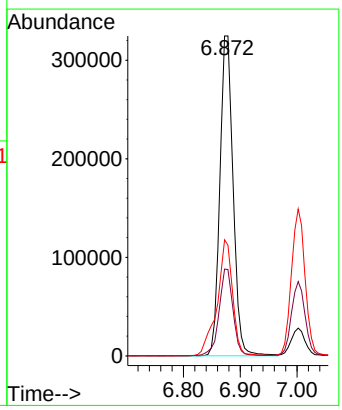
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

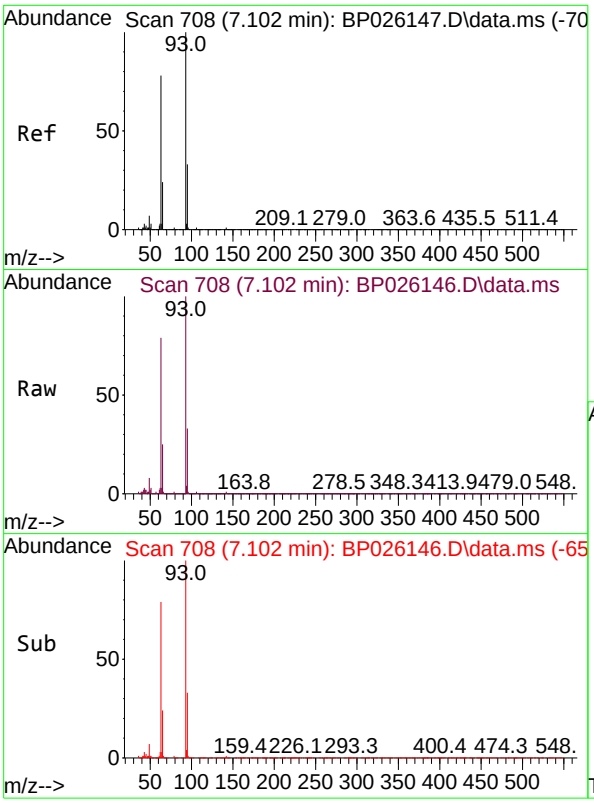


#10
Phenol
Concen: 20.669 ng
RT: 6.872 min Scan# 669
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion: 94 Resp: 524201

Ion	Ratio	Lower	Upper
94	100		
65	27.1	7.0	47.0
66	36.3	14.5	54.5

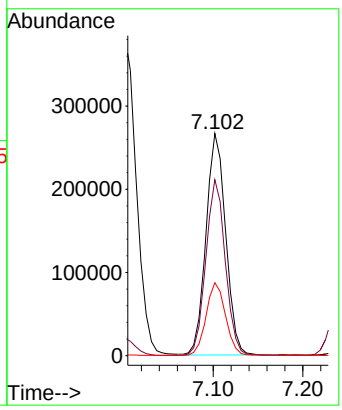




#11
bis(2-Chloroethyl)ether
Concen: 20.320 ng
RT: 7.102 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion: 93 Resp: 40805

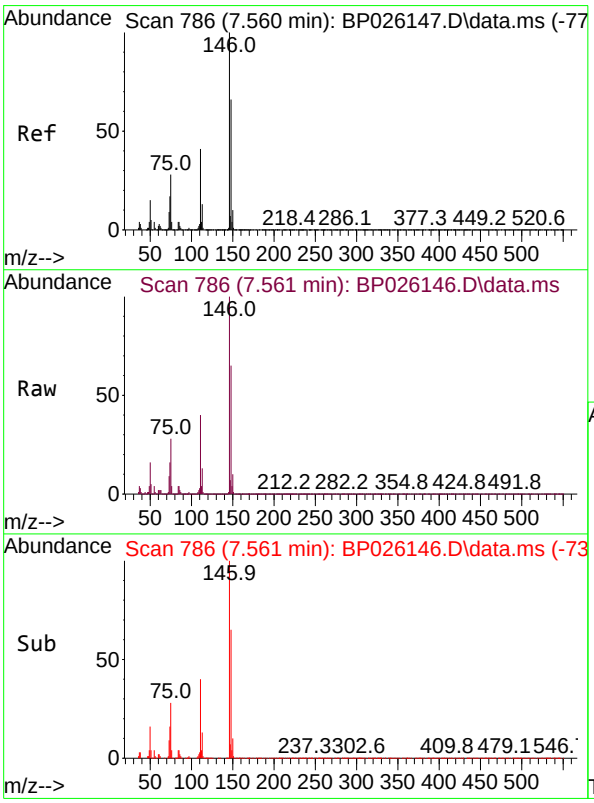
Ion	Ratio	Lower	Upper
93	100		
63	79.2	58.8	98.8
95	32.8	12.1	52.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
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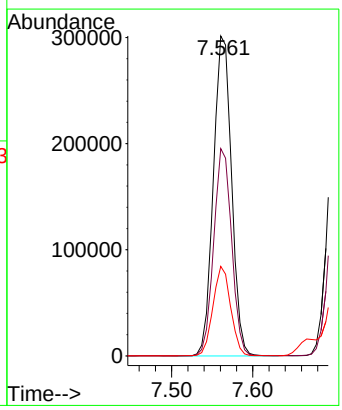
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

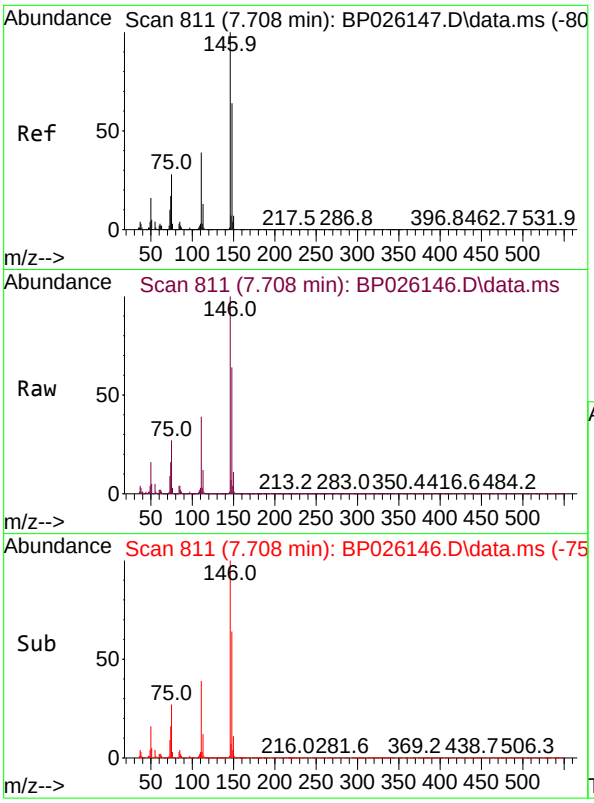


#12
1,3-Dichlorobenzene
Concen: 20.475 ng
RT: 7.561 min Scan# 786
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:146 Resp: 468385

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.8	77.8
75	28.0	22.2	33.2





#13
1,4-Dichlorobenzene
Concen: 20.465 ng
RT: 7.708 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

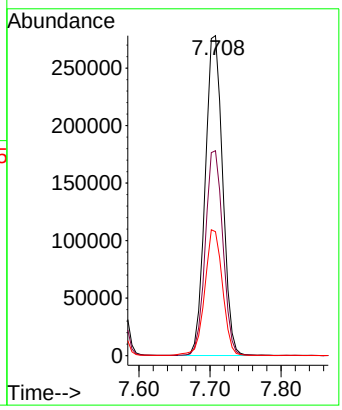
Tgt Ion:146 Resp: 47391

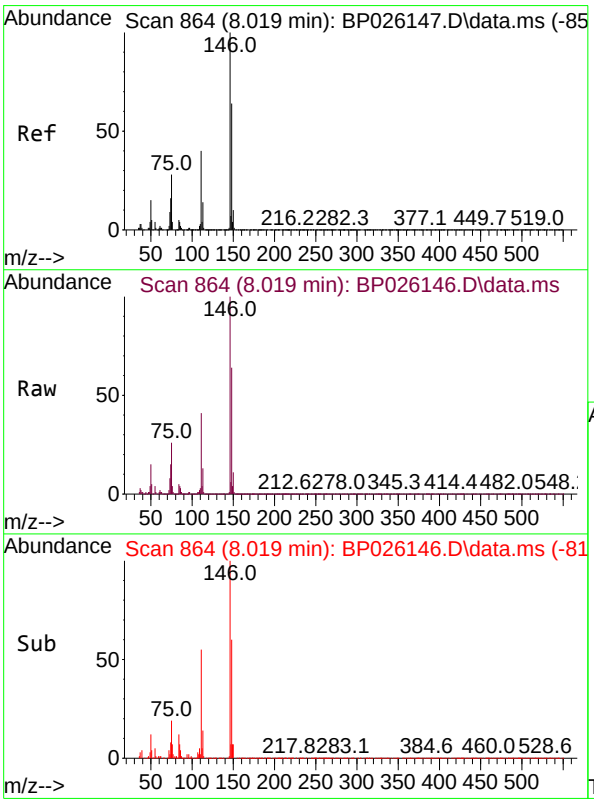
Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.4	77.2
111	38.7	31.7	47.5

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

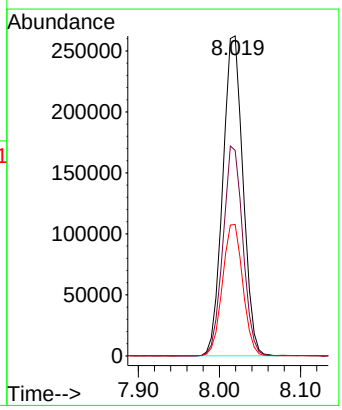


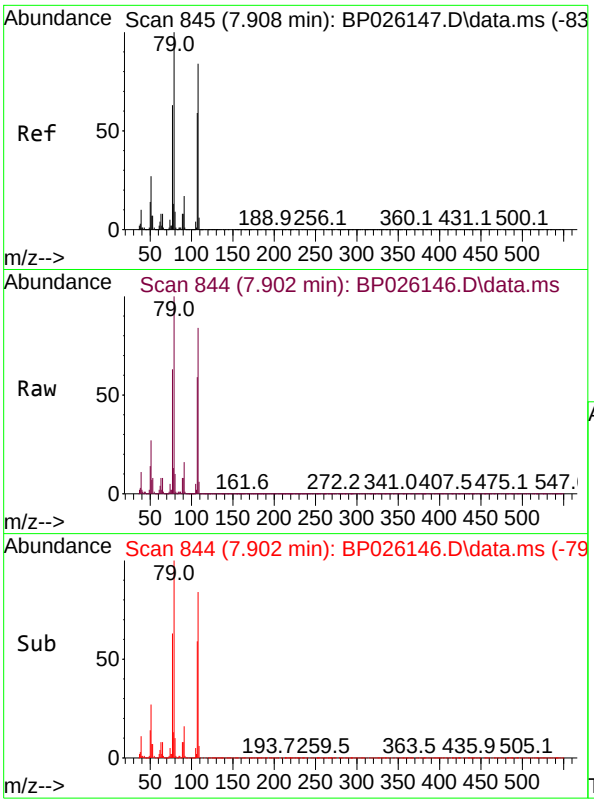


#14
1,2-Dichlorobenzene
Concen: 20.519 ng
RT: 8.019 min Scan# 864
Delta R.T. 0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:146 Resp: 453824

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.0	76.6
111	41.1	33.0	49.4





#15
Benzyl Alcohol
Concen: 21.241 ng
RT: 7.902 min Scan# 84
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

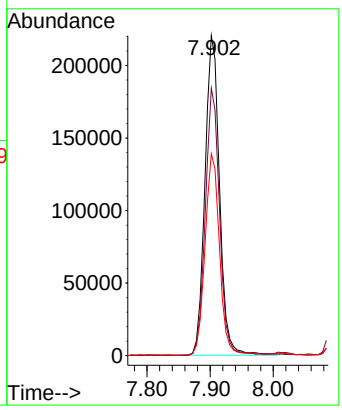
Tgt Ion: 79 Resp: 352314

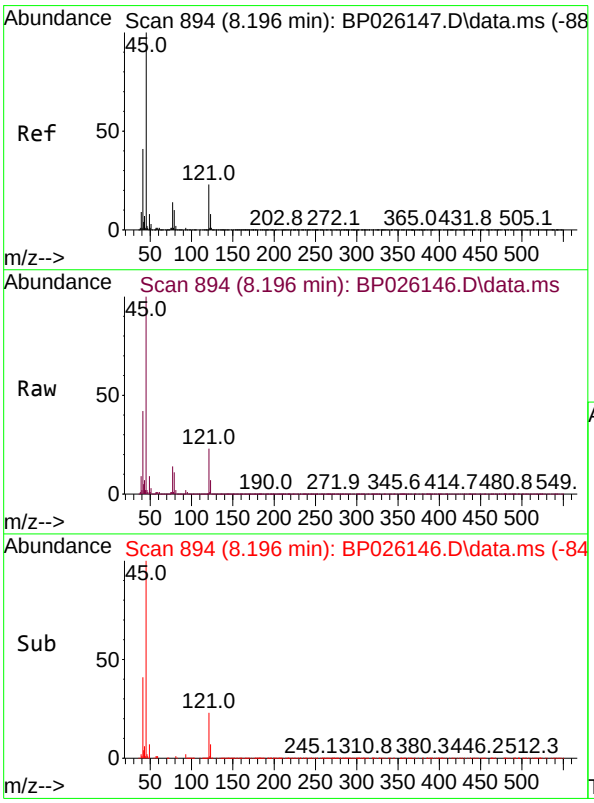
Ion	Ratio	Lower	Upper
79	100		
108	83.6	66.2	99.4
77	63.1	50.0	75.0

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

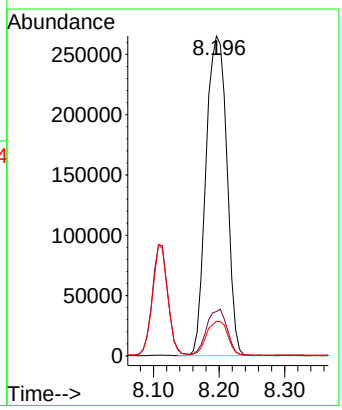


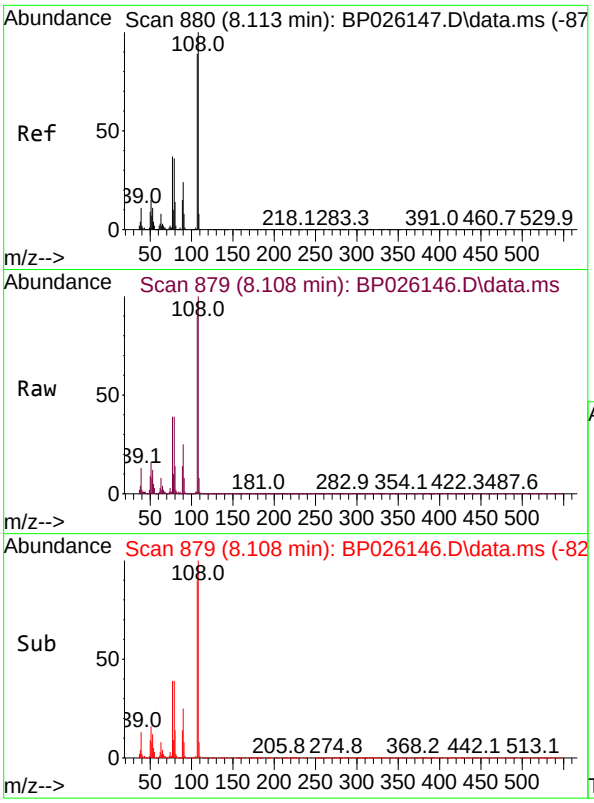


#16
2,2'-oxybis(1-Chloropropane)
Concen: 19.455 ng
RT: 8.196 min Scan# 894
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion: 45 Resp: 585097

Ion	Ratio	Lower	Upper
45	100		
77	13.9	0.0	33.9
79	10.8	0.0	30.4

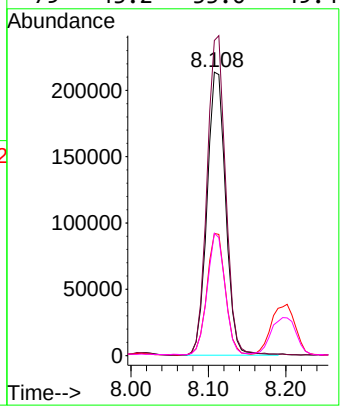




#17
2-Methylphenol
Concen: 21.308 ng
RT: 8.108 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:107 Resp: 35532

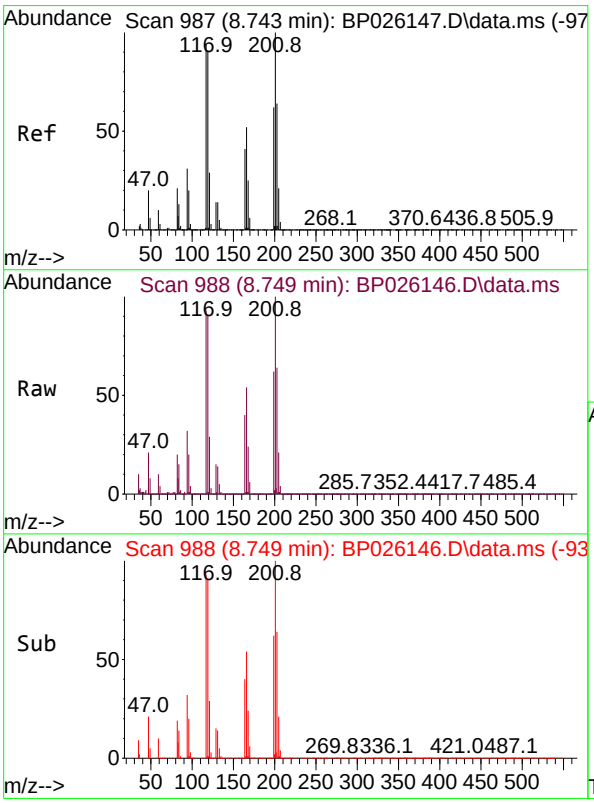
Ion	Ratio	Lower	Upper
107	100		
108	111.2	89.7	134.5
77	43.1	33.9	50.9
79	43.2	33.0	49.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

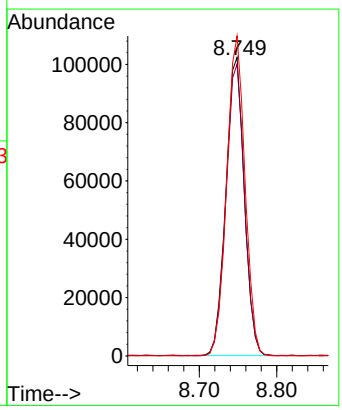
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

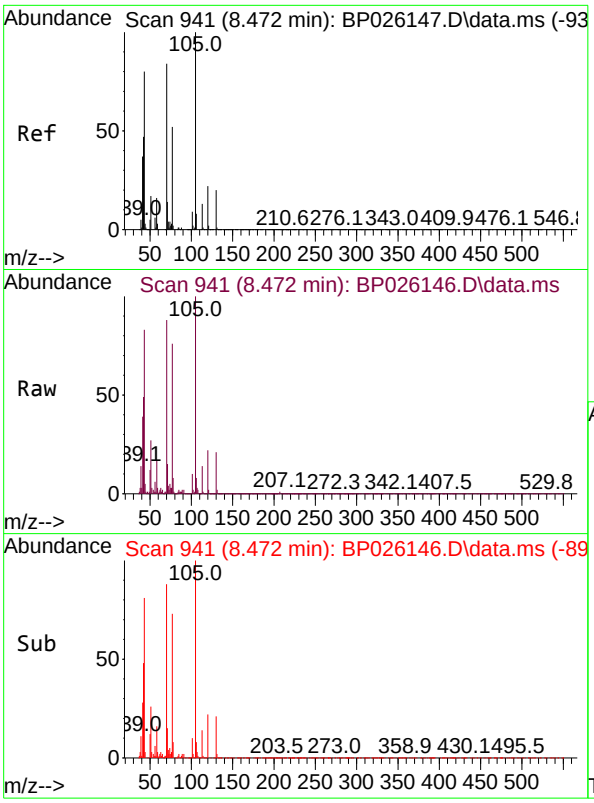


#18
Hexachloroethane
Concen: 21.211 ng
RT: 8.749 min Scan# 988
Delta R.T. 0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:117 Resp: 169683

Ion	Ratio	Lower	Upper
117	100		
119	97.7	78.7	118.1
201	107.2	85.1	127.7

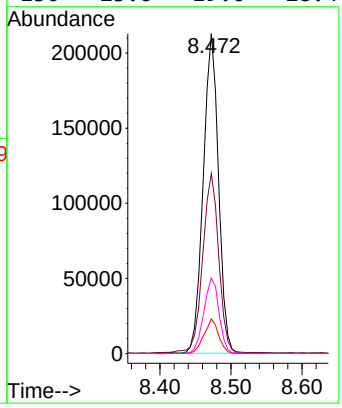




#19
n-Nitroso-di-n-propylamine
Concen: 22.304 ng
RT: 8.472 min Scan# 94
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion: 70 Resp: 31704

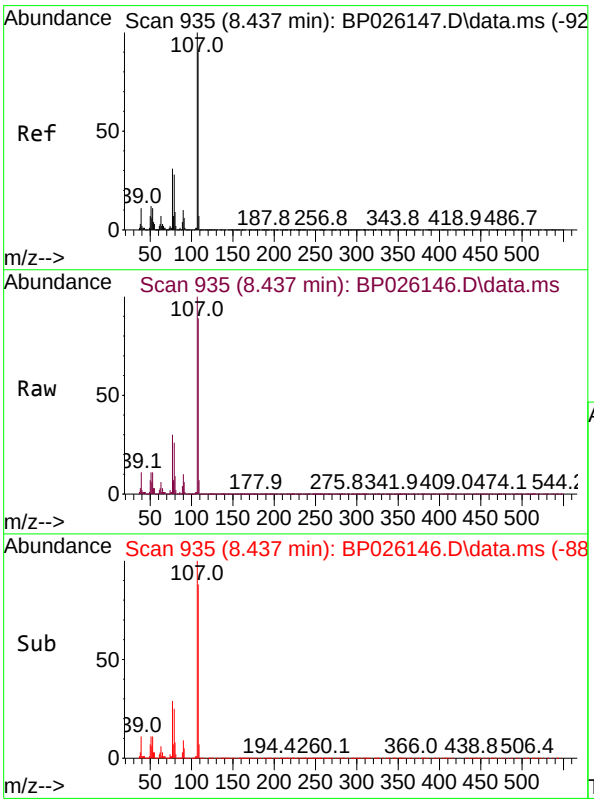
Ion	Ratio	Lower	Upper
70	100		
42	56.3	44.1	66.1
101	10.9	8.2	12.4
130	23.6	19.0	28.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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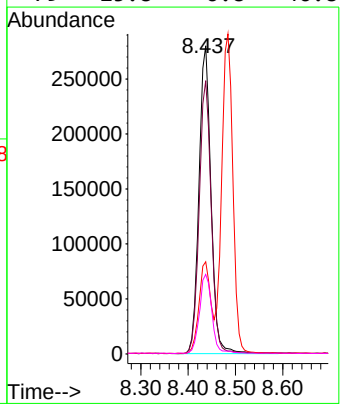
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

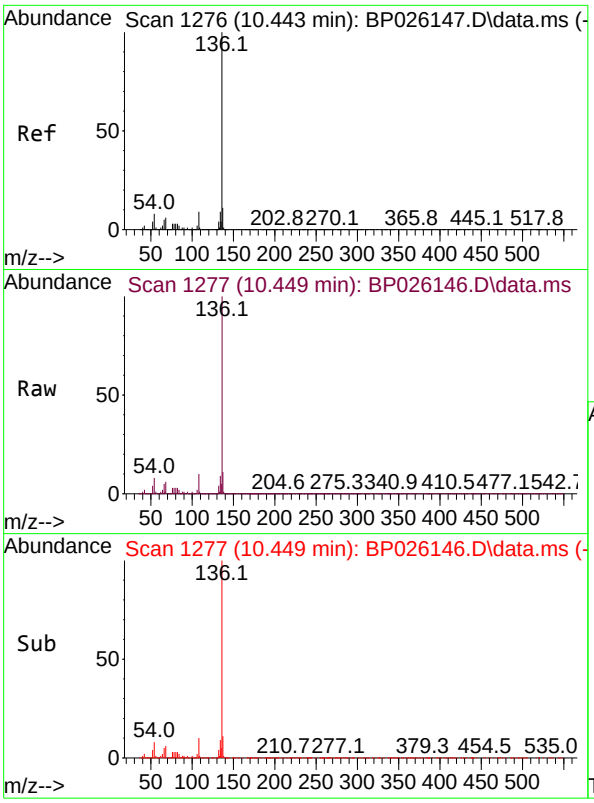


#20
3+4-Methylphenols
Concen: 21.323 ng
RT: 8.437 min Scan# 935
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:107 Resp: 494113

Ion	Ratio	Lower	Upper
107	100		
108	88.7	68.9	108.9
77	29.9	10.4	50.4
79	25.8	6.8	46.8

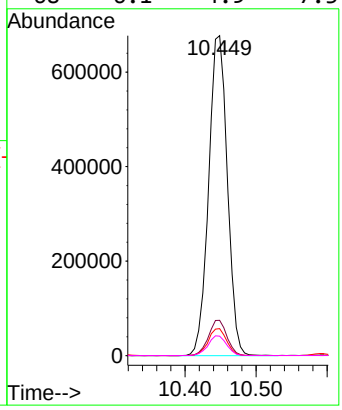




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.449 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:136 Resp: 124000

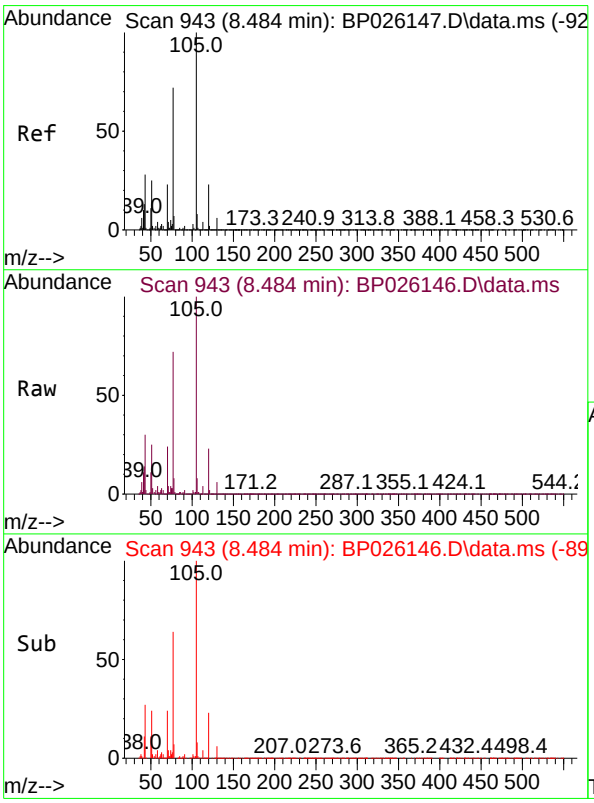
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	8.4	6.4	9.6
68	6.1	4.9	7.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
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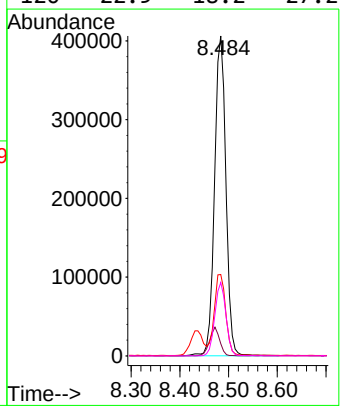
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

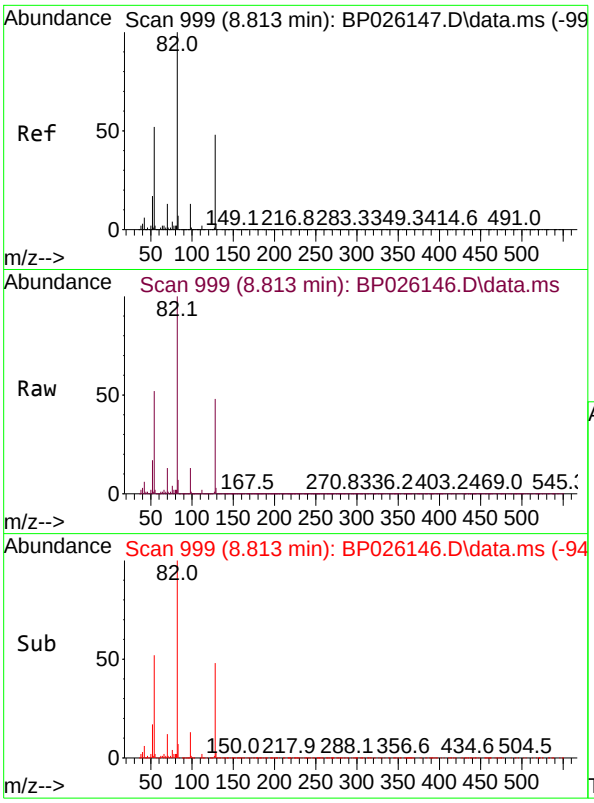


#22
Acetophenone
Concen: 21.014 ng
RT: 8.484 min Scan# 943
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:105 Resp: 656986

Ion	Ratio	Lower	Upper
105	100		
71	3.8	3.0	4.4
51	25.4	20.5	30.7
120	22.9	18.2	27.2

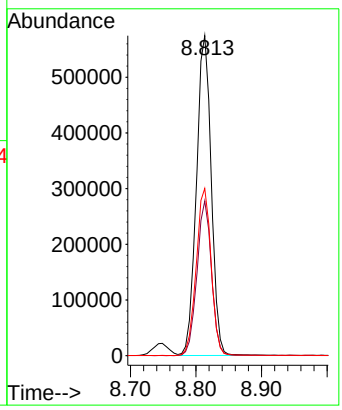




#23
Nitrobenzene-d5
Concen: 44.814 ng
RT: 8.813 min Scan# 99
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion: 82 Resp: 898109

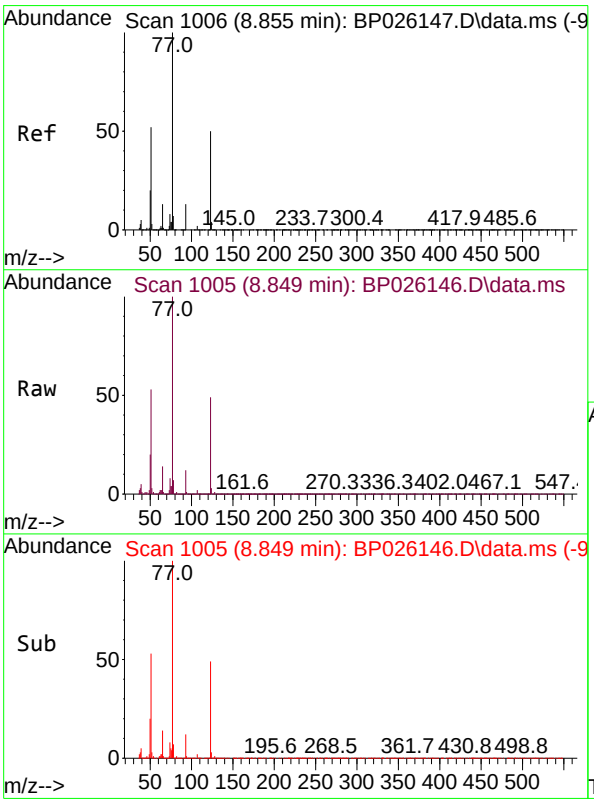
Ion	Ratio	Lower	Upper
82	100		
128	48.3	37.4	56.0
54	52.2	41.6	62.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
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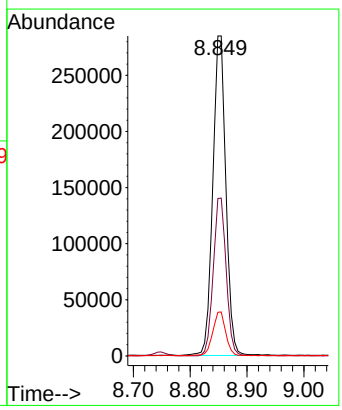
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

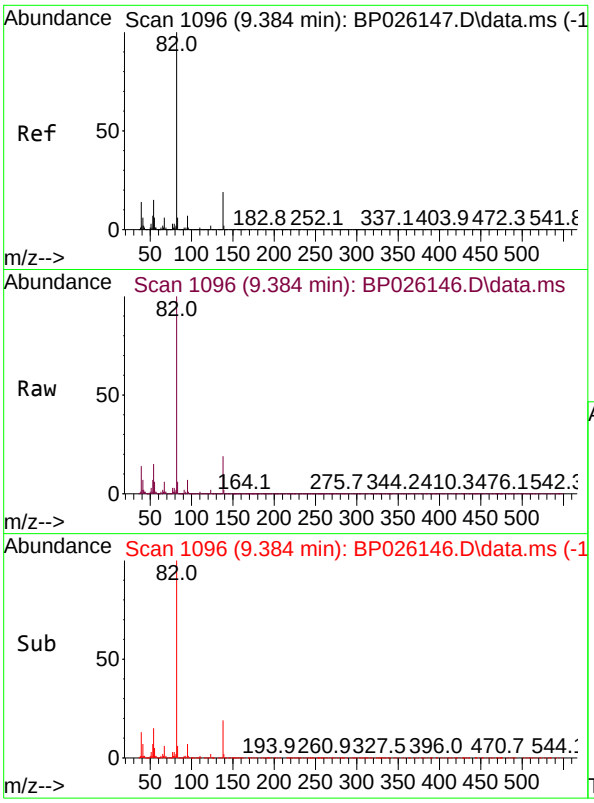


#24
Nitrobenzene
Concen: 21.768 ng
RT: 8.849 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion: 77 Resp: 456901

Ion	Ratio	Lower	Upper
77	100		
123	49.2	39.8	59.8
65	13.6	11.2	16.8

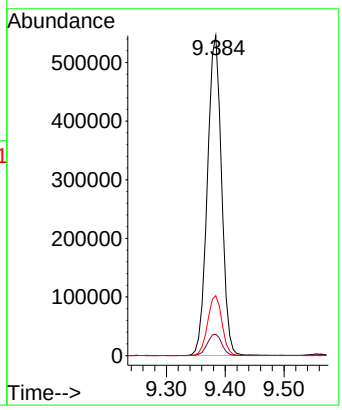




#25
Isophorone
Concen: 21.502 ng
RT: 9.384 min Scan# 10
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion: 82 Resp: 91211

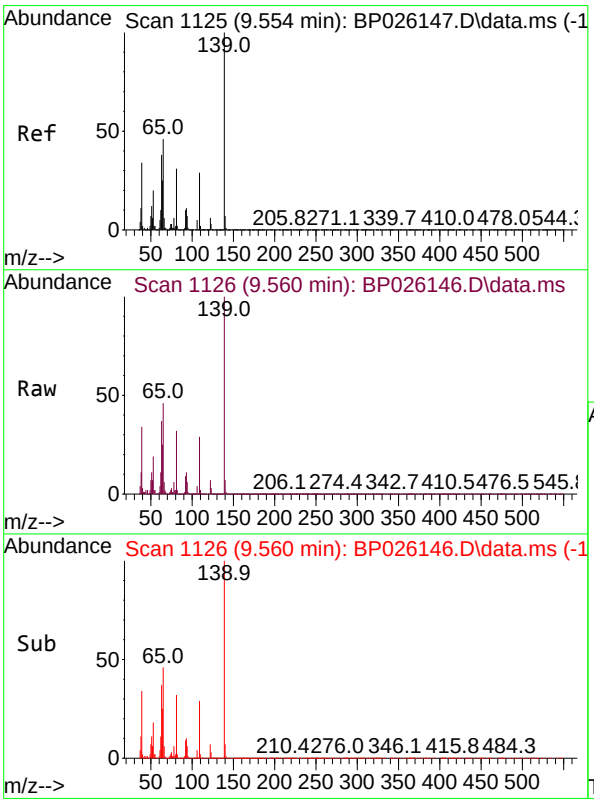
Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.4	8.0
138	18.7	15.4	23.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
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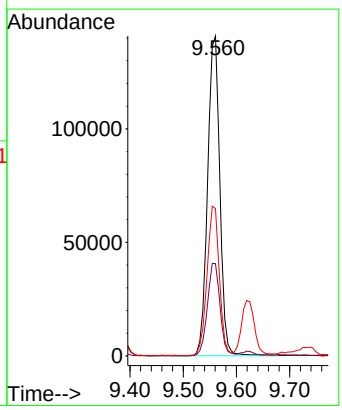
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

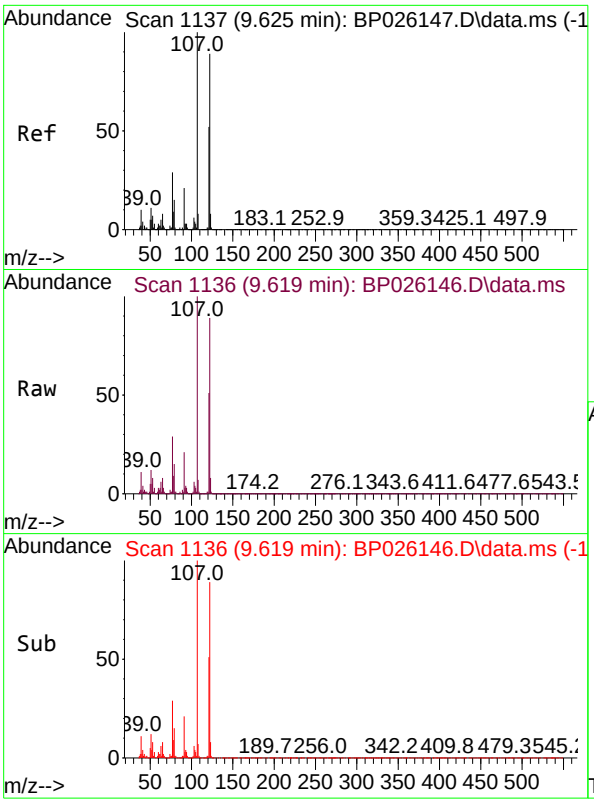


#26
2-Nitrophenol
Concen: 31.463 ng
RT: 9.560 min Scan# 1126
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:139 Resp: 225396

Ion	Ratio	Lower	Upper
139	100		
109	28.8	22.3	33.5
65	46.0	37.2	55.8

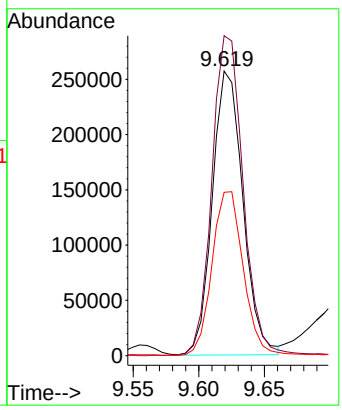




#27
2,4-Dimethylphenol
Concen: 23.115 ng
RT: 9.619 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:122 Resp: 41847

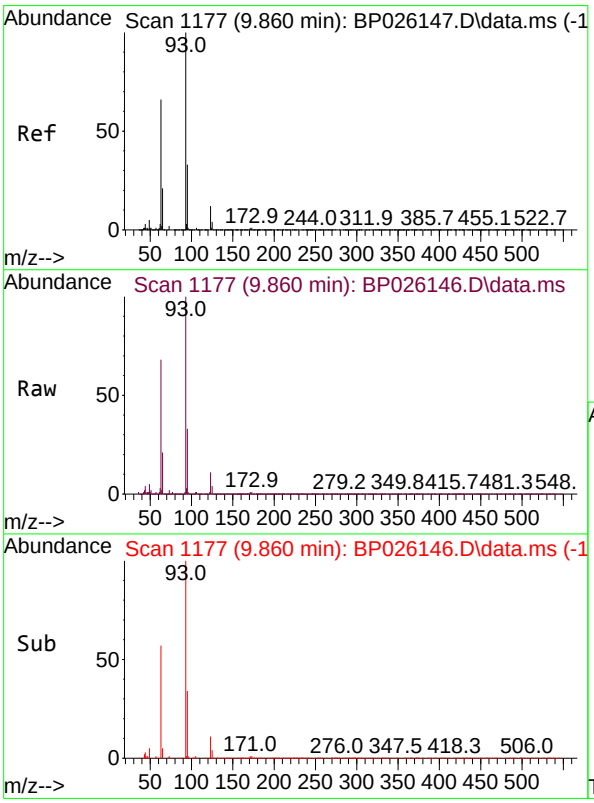
Ion	Ratio	Lower	Upper
122	100		
107	112.4	91.0	136.6
121	57.4	47.0	70.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
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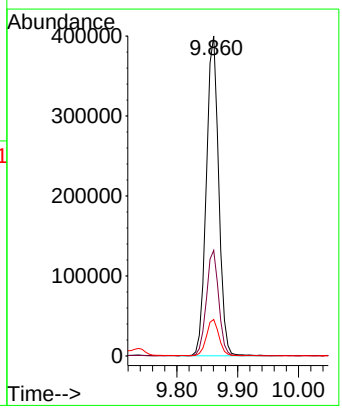
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

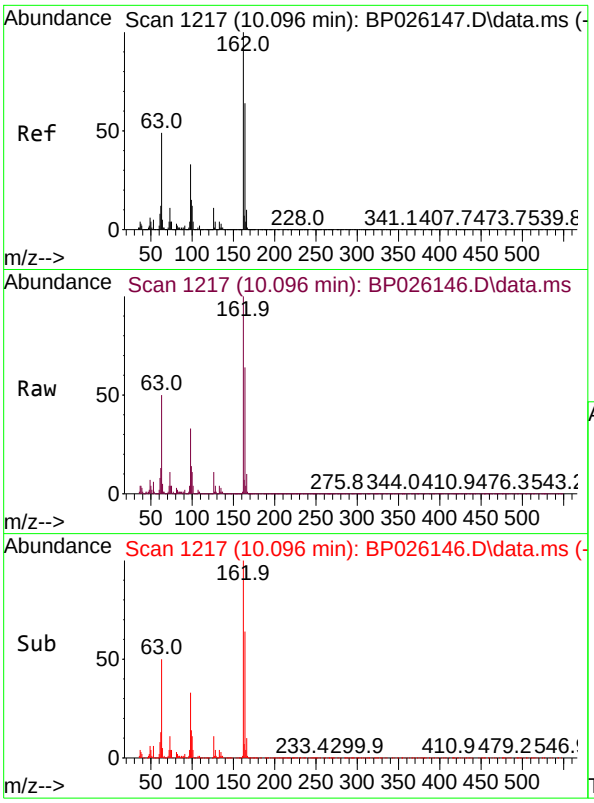


#28
bis(2-Chloroethoxy)methane
Concen: 21.042 ng
RT: 9.860 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion: 93 Resp: 563383

Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.4	39.6
123	11.4	9.4	14.0

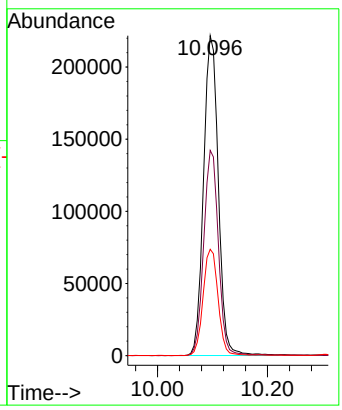




#29
2,4-Dichlorophenol
Concen: 21.974 ng
RT: 10.096 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:162 Resp: 41515

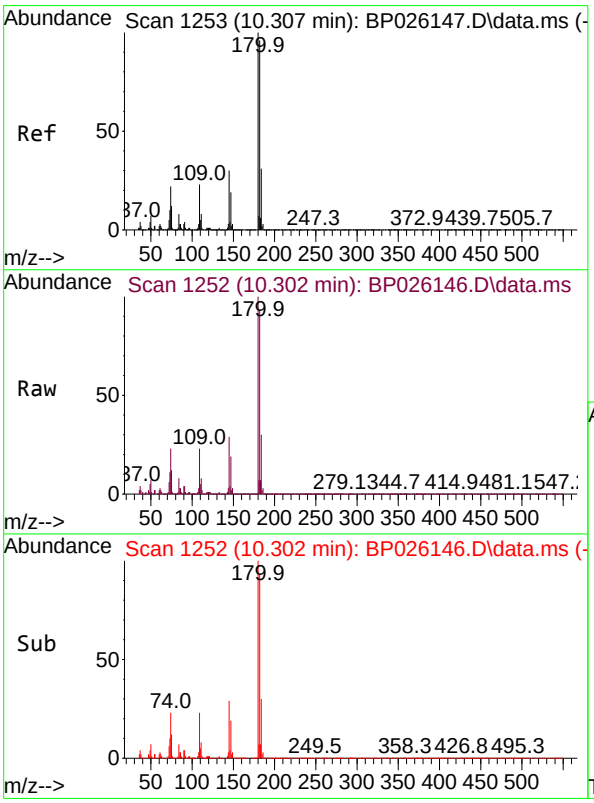
Ion	Ratio	Lower	Upper
162	100		
164	64.1	43.8	83.8
98	33.2	14.1	54.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
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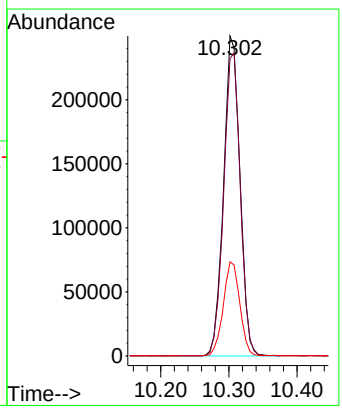
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

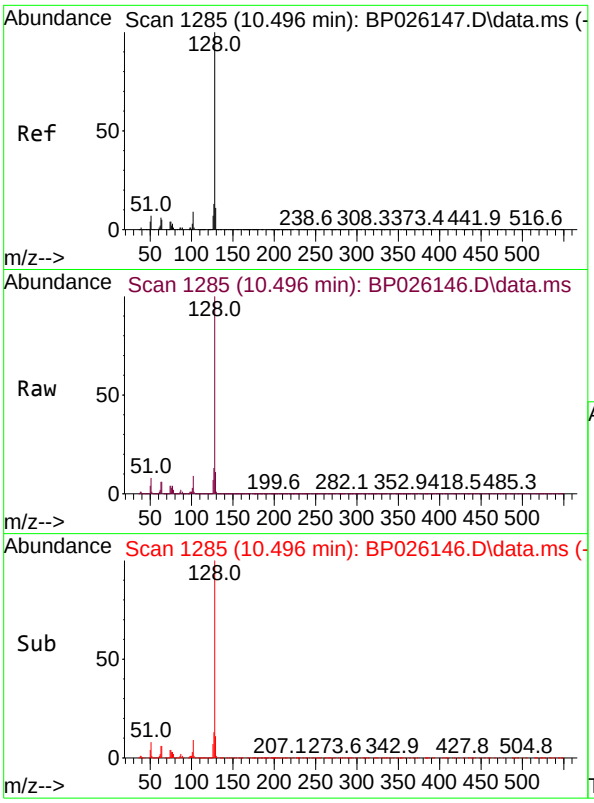


#30
1,2,4-Trichlorobenzene
Concen: 20.380 ng
RT: 10.302 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:180 Resp: 417562

Ion	Ratio	Lower	Upper
180	100		
182	92.9	78.1	117.1
145	29.4	24.2	36.4

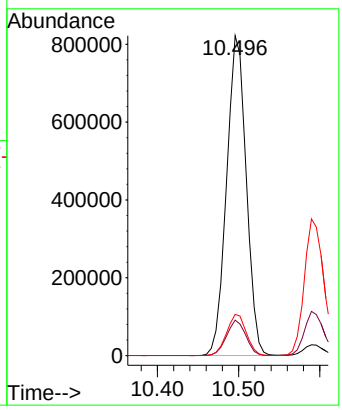




#31
Naphthalene
Concen: 20.547 ng
RT: 10.496 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:128 Resp: 138312

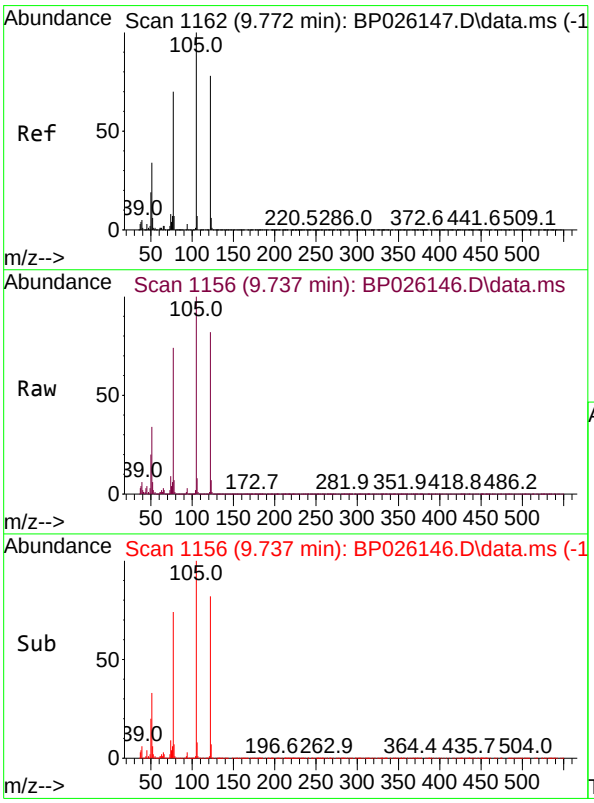
Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	12.9	10.2	15.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
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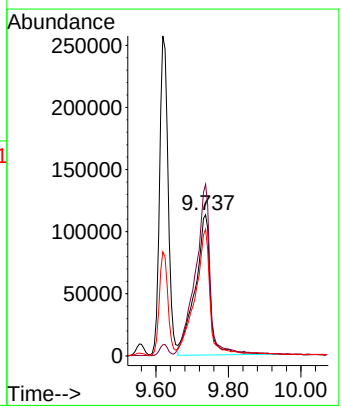
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

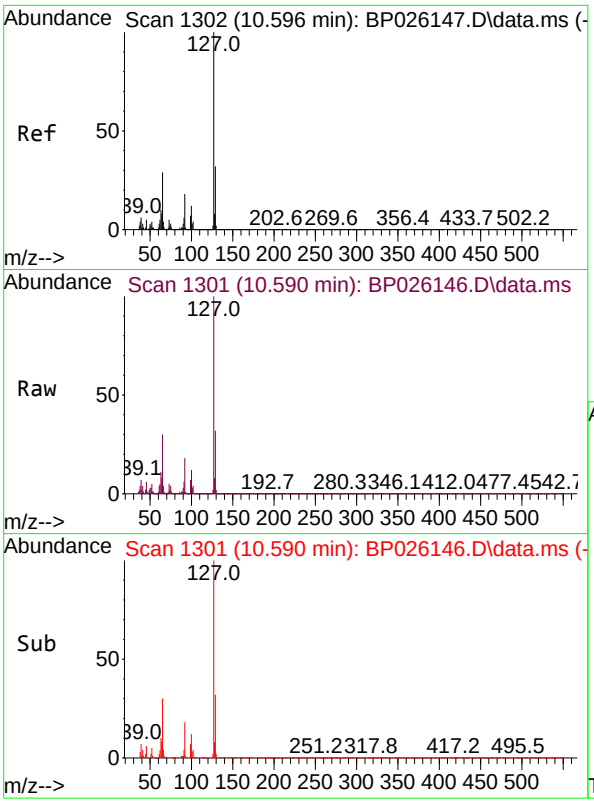


#32
Benzoic acid
Concen: 30.418 ng
RT: 9.737 min Scan# 1156
Delta R.T. -0.029 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:122 Resp: 332008

Ion	Ratio	Lower	Upper
122	100		
105	121.7	100.1	140.1
77	90.0	66.7	106.7

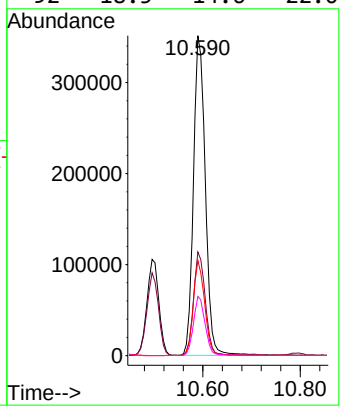




#33
4-Chloroaniline
Concen: 22.720 ng
RT: 10.590 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:127 Resp: 59421

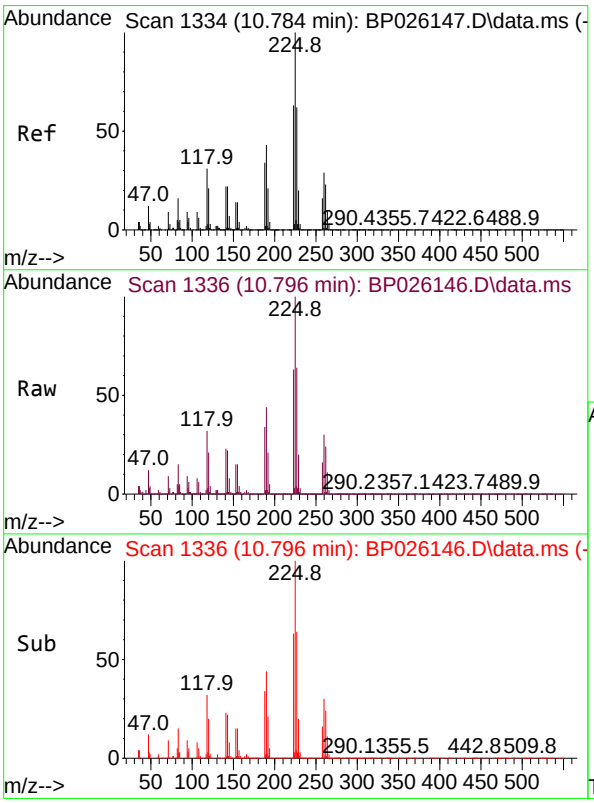
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.8	38.8
65	29.7	22.7	34.1
92	18.5	14.6	22.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
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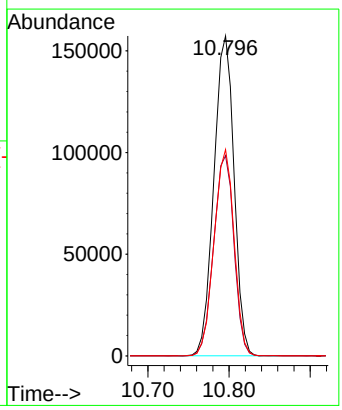
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

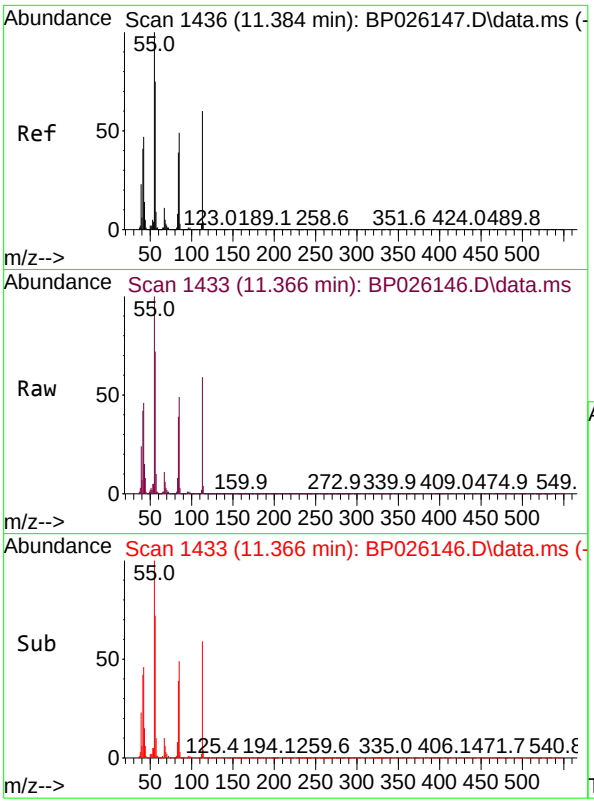


#34
Hexachlorobutadiene
Concen: 20.697 ng
RT: 10.796 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:225 Resp: 271388

Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.6	74.4
227	64.5	51.2	76.8





#35
Caprolactam
Concen: 23.091 ng
RT: 11.366 min Scan# 14
Delta R.T. -0.012 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

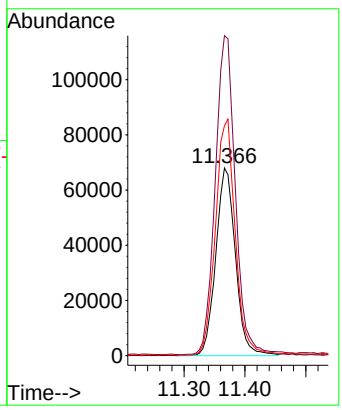
Tgt Ion:113 Resp: 15249

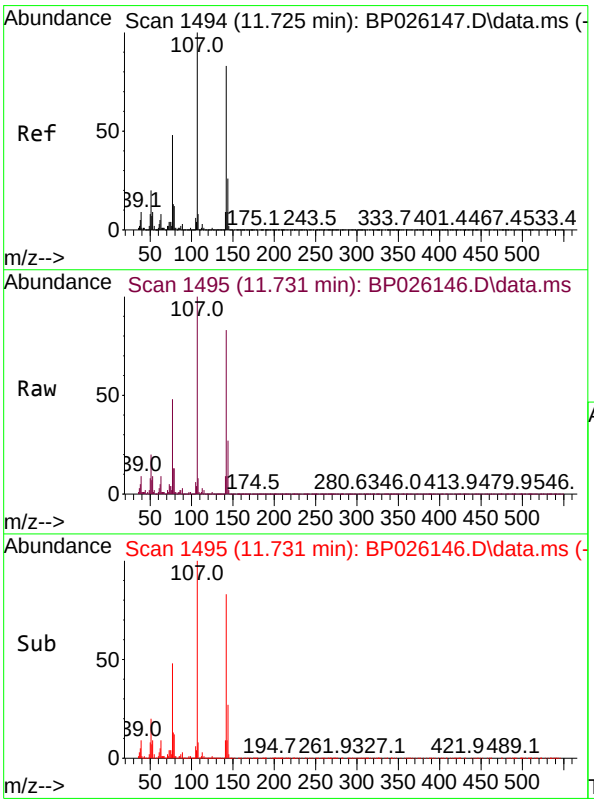
Ion	Ratio	Lower	Upper
113	100		
55	170.5	153.0	193.0
56	122.5	106.4	146.4

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

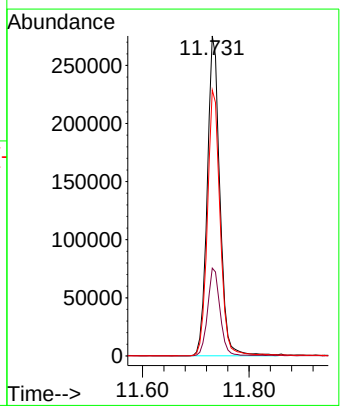


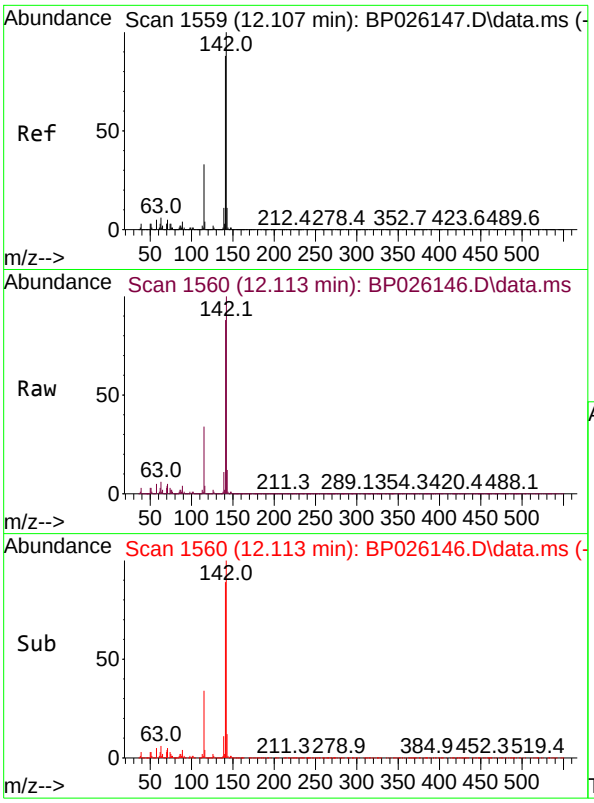


#36
4-Chloro-3-methylphenol
Concen: 22.951 ng
RT: 11.731 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:107 Resp: 453497

Ion	Ratio	Lower	Upper
107	100		
144	27.4	21.6	32.4
142	83.1	65.6	98.4

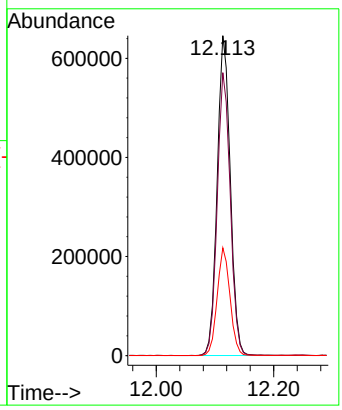




#37
2-Methylnaphthalene
Concen: 21.193 ng
RT: 12.113 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:142 Resp: 99749

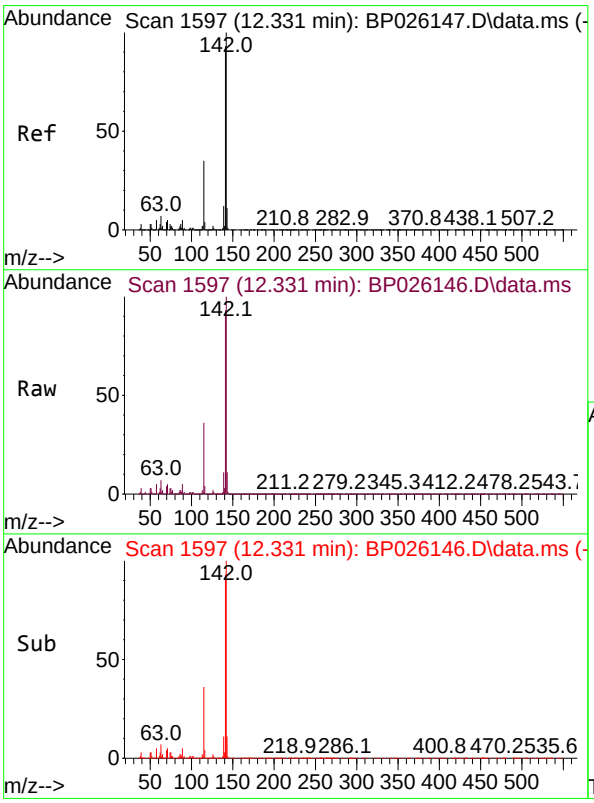
Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.0	106.6
115	33.7	26.6	39.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
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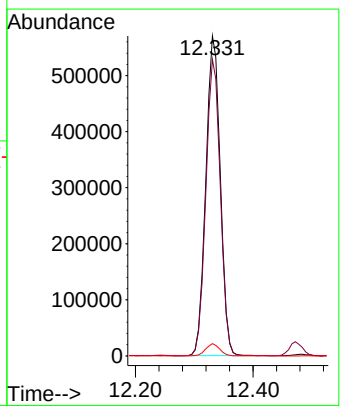
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

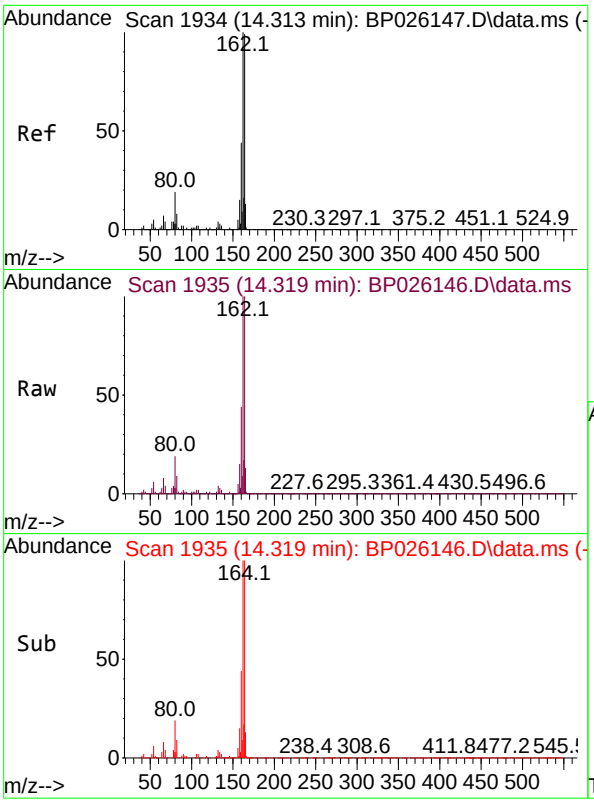


#38
1-Methylnaphthalene
Concen: 21.279 ng
RT: 12.331 min Scan# 1597
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:142 Resp: 973734

Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.5	110.3
116	3.8	3.0	4.4

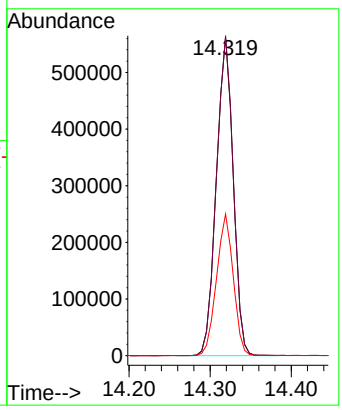




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.319 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:164 Resp: 81003

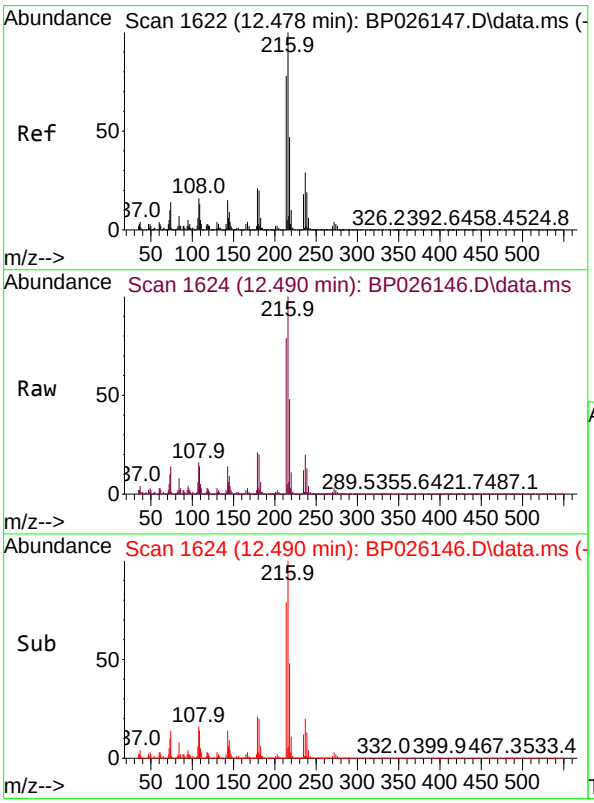
Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.3	120.5
160	44.4	35.2	52.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
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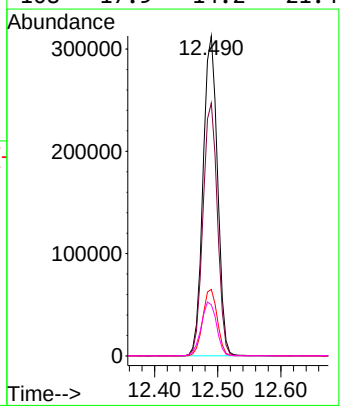
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

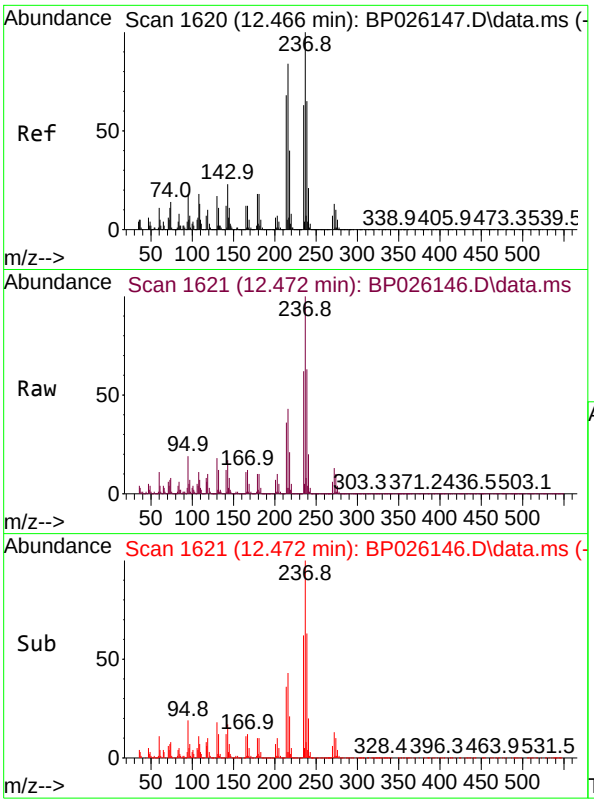


#40
1,2,4,5-Tetrachlorobenzene
Concen: 19.803 ng
RT: 12.490 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:216 Resp: 496403

Ion	Ratio	Lower	Upper
216	100		
214	78.7	62.6	94.0
179	21.0	16.6	25.0
108	17.9	14.2	21.4

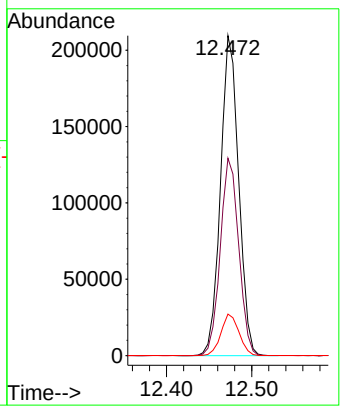




#41
Hexachlorocyclopentadiene
Concen: 29.677 ng
RT: 12.472 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:237 Resp: 30936

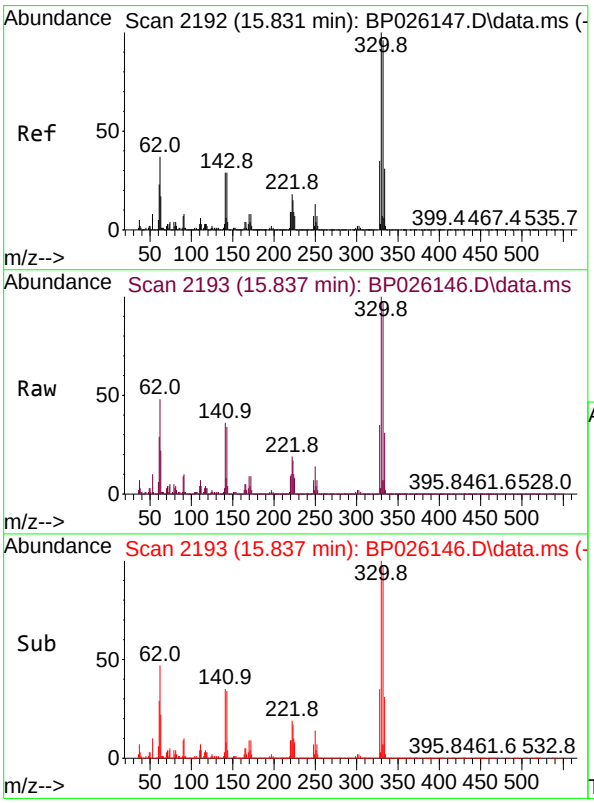
Ion	Ratio	Lower	Upper
237	100		
235	61.7	43.3	83.3
272	13.0	0.0	32.9



Instrument :
BNA_P
ClientSampleId :
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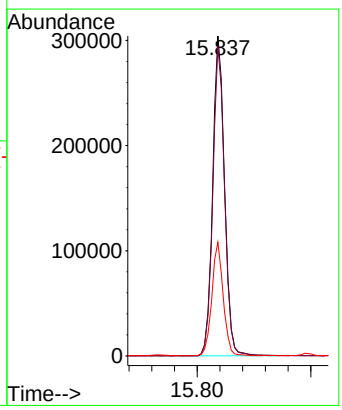
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

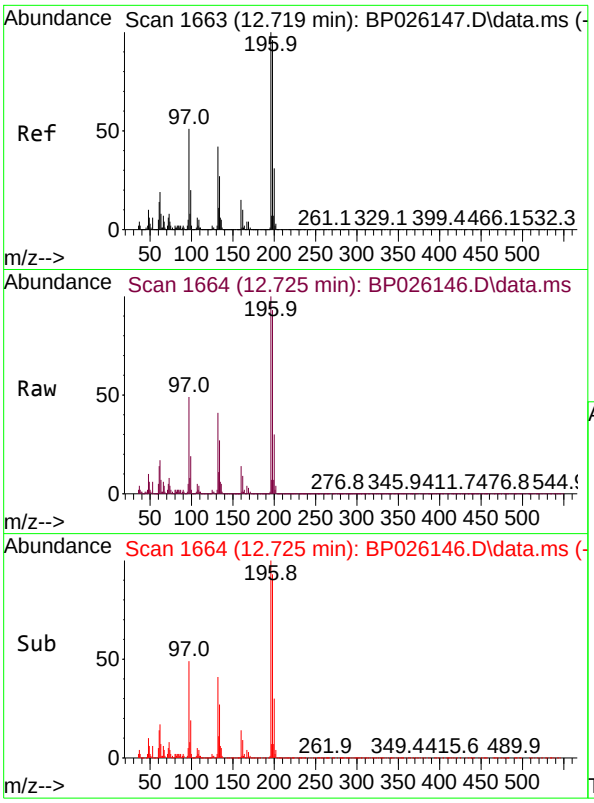


#42
2,4,6-Tribromophenol
Concen: 49.922 ng
RT: 15.837 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:330 Resp: 442990

Ion	Ratio	Lower	Upper
330	100		
332	95.6	78.0	117.0
141	34.0	26.8	40.2





#43
2,4,6-Trichlorophenol
Concen: 23.301 ng
RT: 12.725 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

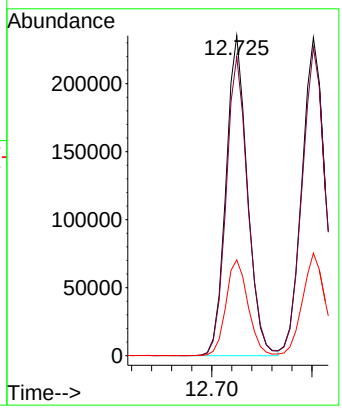
Tgt Ion:196 Resp: 34939

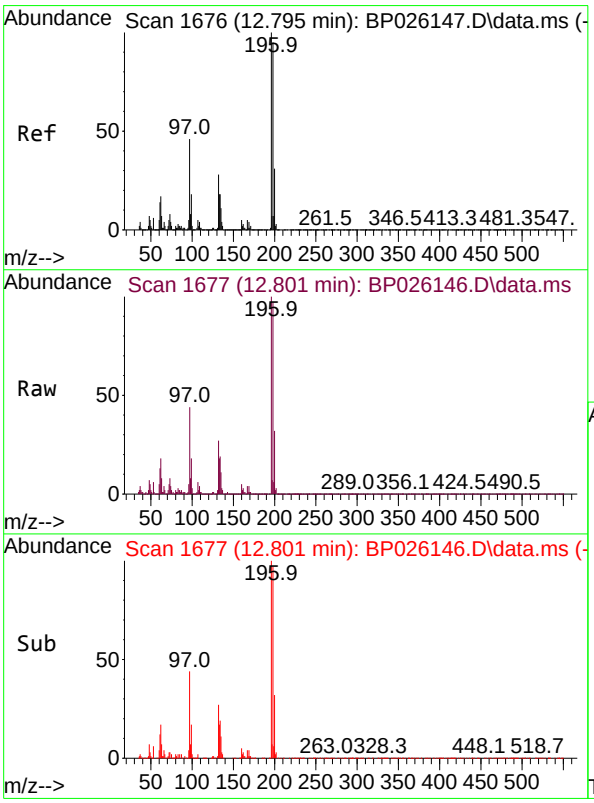
Ion	Ratio	Lower	Upper
196	100		
198	93.4	76.9	115.3
200	30.0	24.6	37.0

Instrument :
BNA_P
ClientSampleId :
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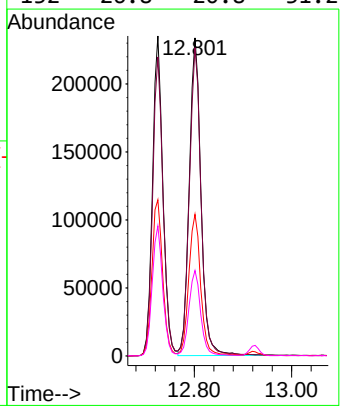


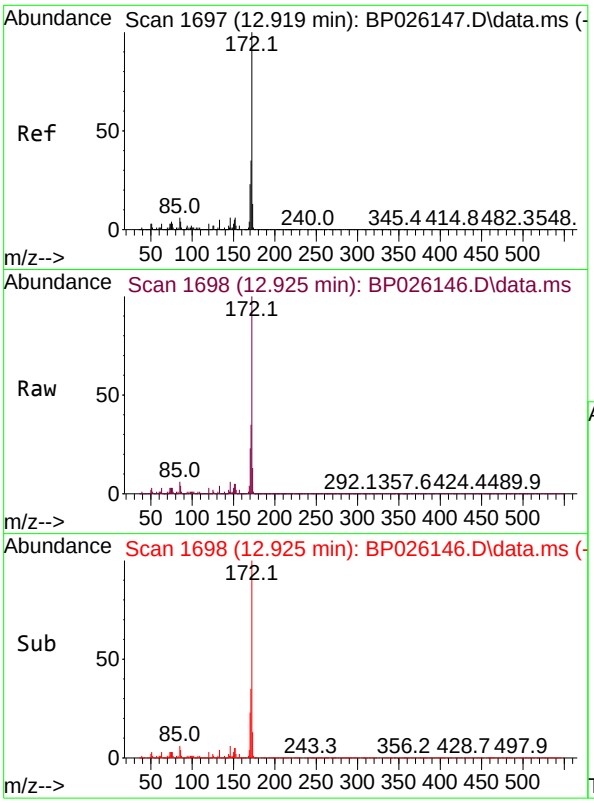


#44
2,4,5-Trichlorophenol
Concen: 22.897 ng
RT: 12.801 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:196 Resp: 390063

Ion	Ratio	Lower	Upper
196	100		
198	96.9	76.4	114.6
97	44.5	35.7	53.5
132	26.8	20.8	31.2

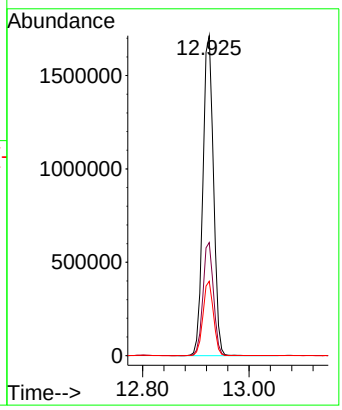




#45
2-Fluorobiphenyl
Concen: 41.935 ng
RT: 12.925 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:172 Resp: 235427

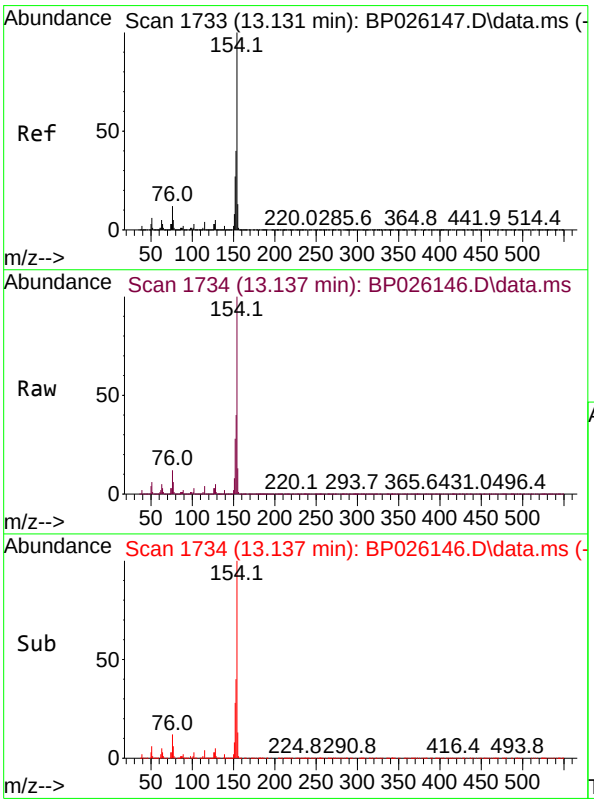
Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.4
170	23.2	18.7	28.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
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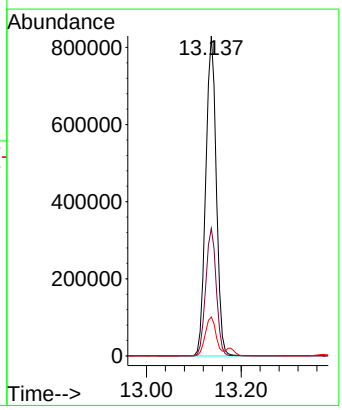
Reviewed By :Jagrut Upadhyay 11/19/2025
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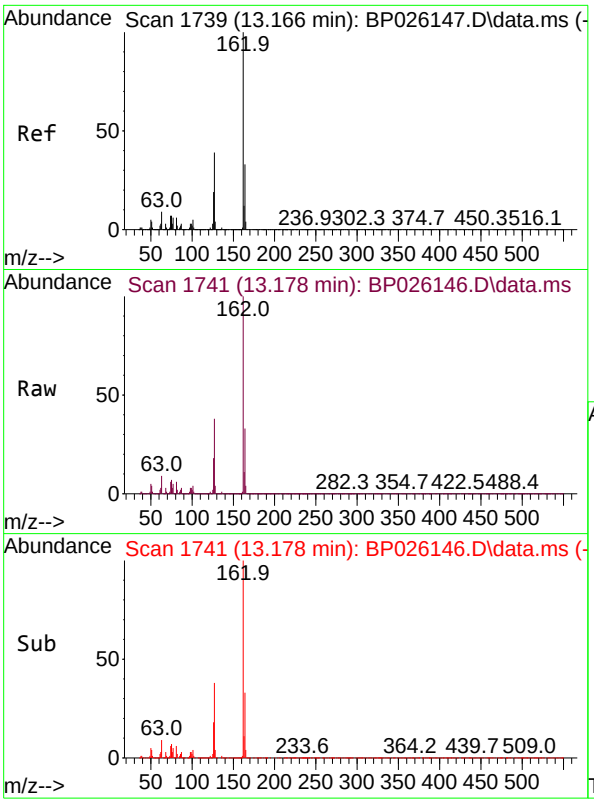


#46
1,1'-Biphenyl
Concen: 20.733 ng
RT: 13.137 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:154 Resp: 1280167

Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.3	60.3
76	12.2	0.0	32.3

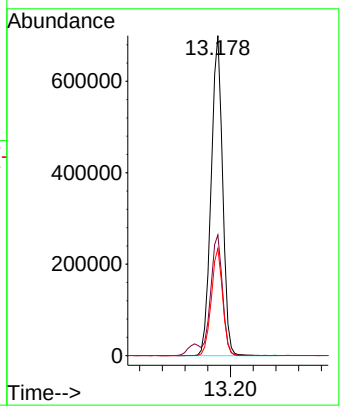




#47
2-Chloronaphthalene
Concen: 20.303 ng
RT: 13.178 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:162 Resp: 98556

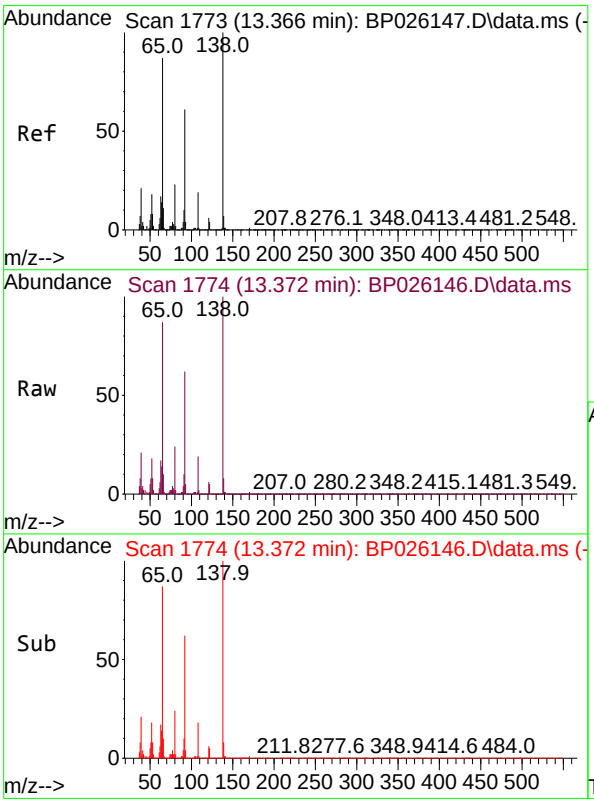
Ion	Ratio	Lower	Upper
162	100		
127	37.7	30.9	46.3
164	33.5	26.4	39.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
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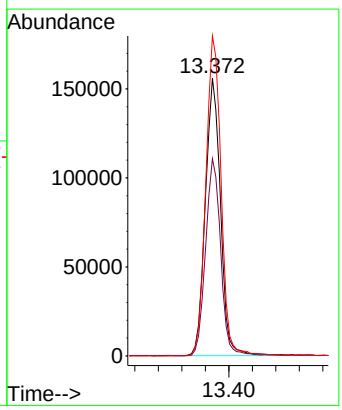
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

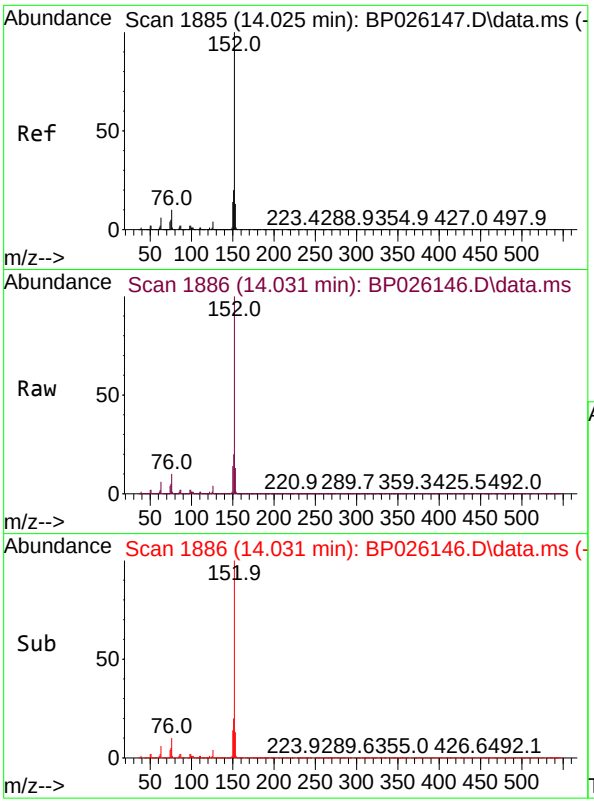


#48
2-Nitroaniline
Concen: 25.032 ng
RT: 13.372 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion: 65 Resp: 279508

Ion	Ratio	Lower	Upper
65	100		
92	71.0	59.1	88.7
138	115.2	96.6	145.0

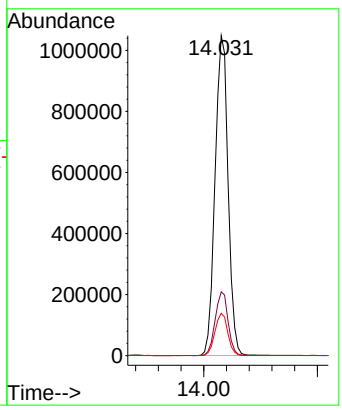




#49
Acenaphthylene
Concen: 23.158 ng
RT: 14.031 min Scan# 18
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:152 Resp: 166159

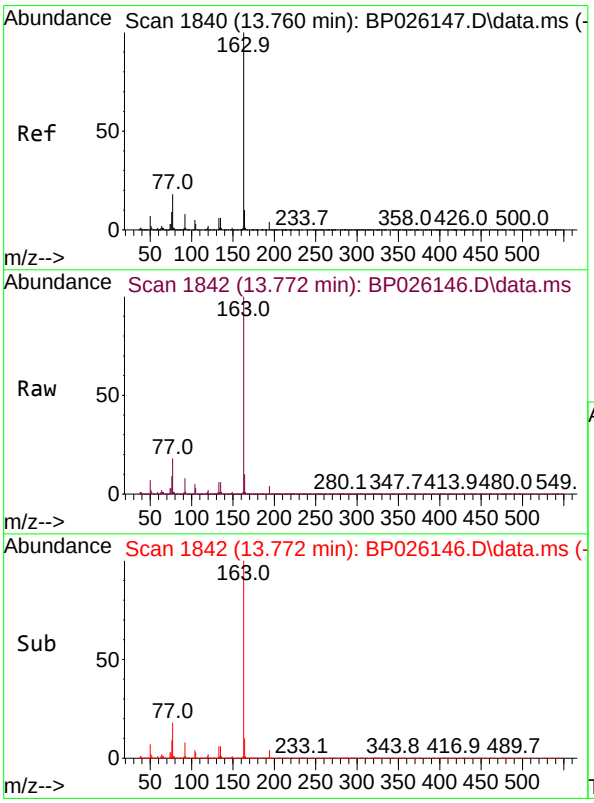
Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.8
153	13.3	10.6	16.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
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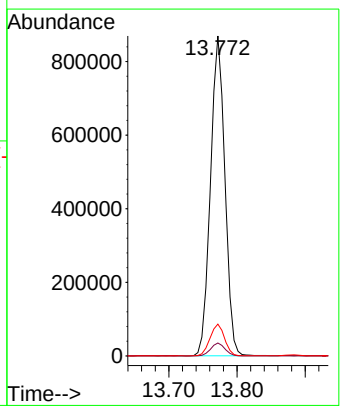
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

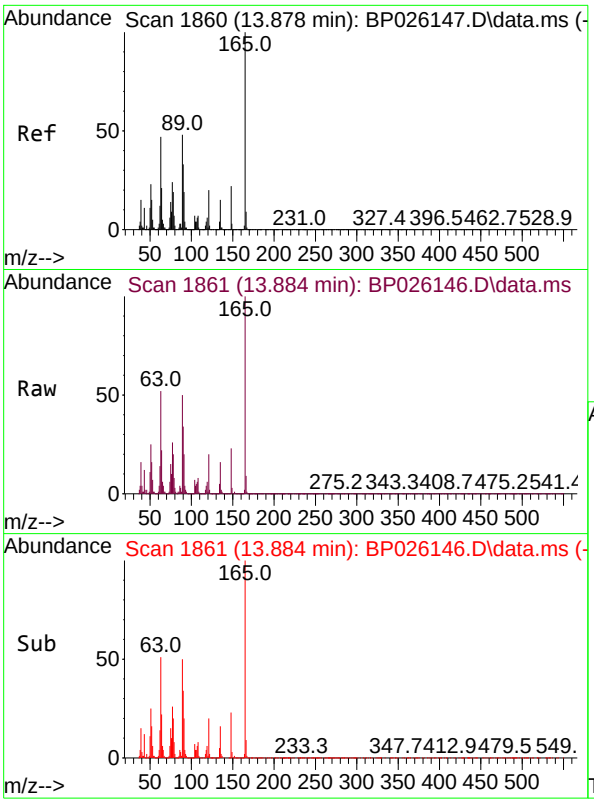


#50
Dimethylphthalate
Concen: 21.720 ng
RT: 13.772 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:163 Resp: 1274006

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	9.9	8.2	12.2

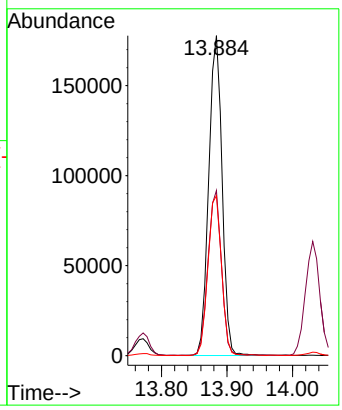




#51
2,6-Dinitrotoluene
Concen: 25.482 ng
RT: 13.884 min Scan# 18
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:165 Resp: 25127

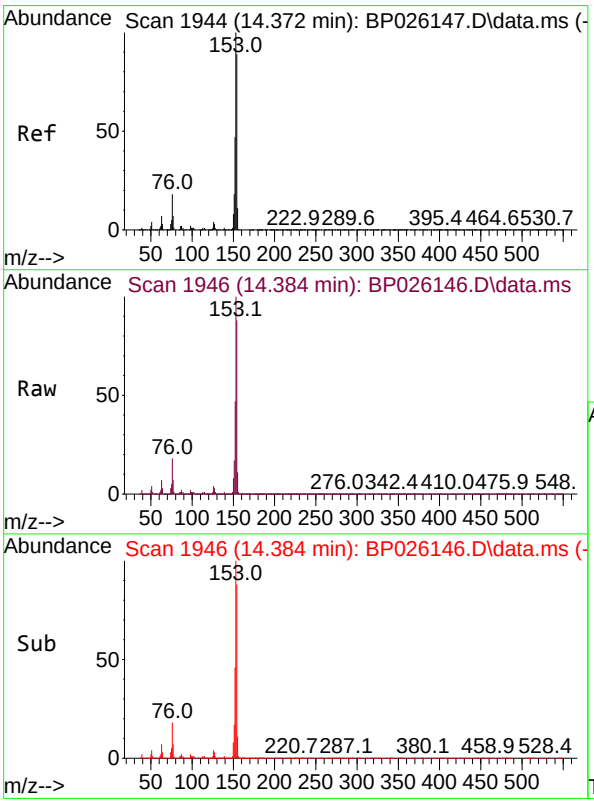
Ion	Ratio	Lower	Upper
165	100		
63	51.6	40.5	60.7
89	50.0	41.3	61.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
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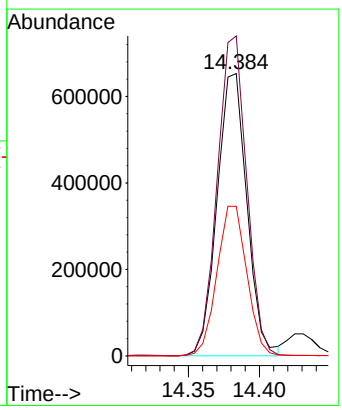
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

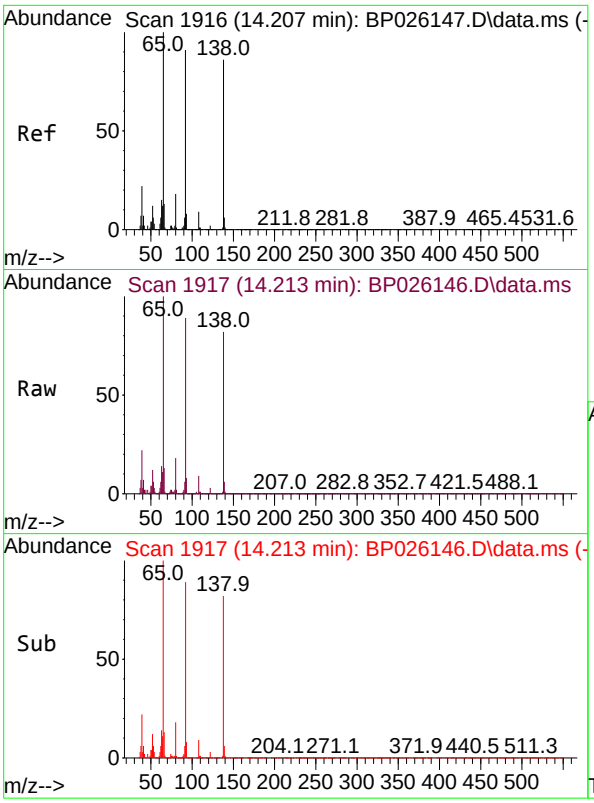


#52
Acenaphthene
Concen: 19.901 ng
RT: 14.384 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:154 Resp: 955446

Ion	Ratio	Lower	Upper
154	100		
153	113.3	90.7	136.1
152	53.0	42.8	64.2





#53
3-Nitroaniline
Concen: 24.958 ng
RT: 14.213 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

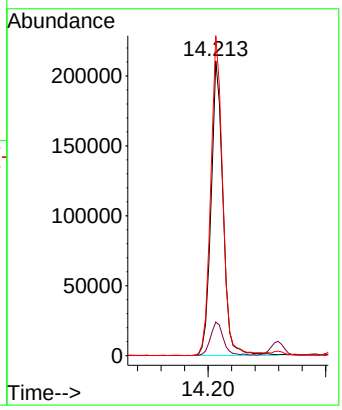
Tgt Ion:138 Resp: 29773

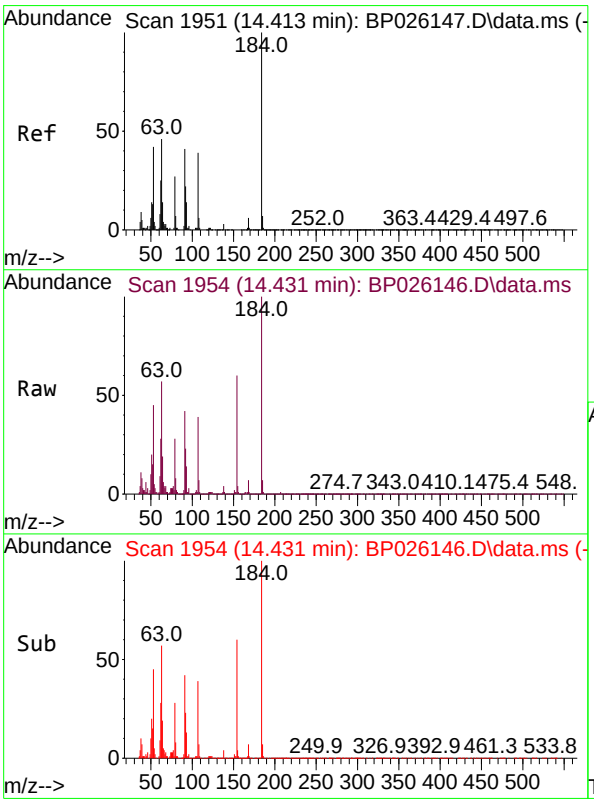
Ion	Ratio	Lower	Upper
138	100		
108	11.4	8.9	13.3
92	108.6	86.3	129.5

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

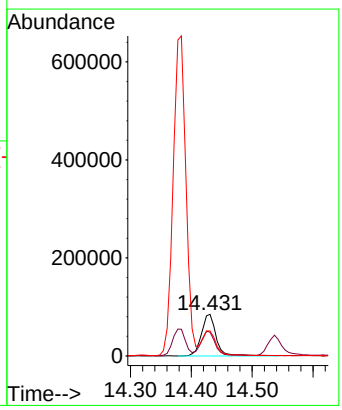


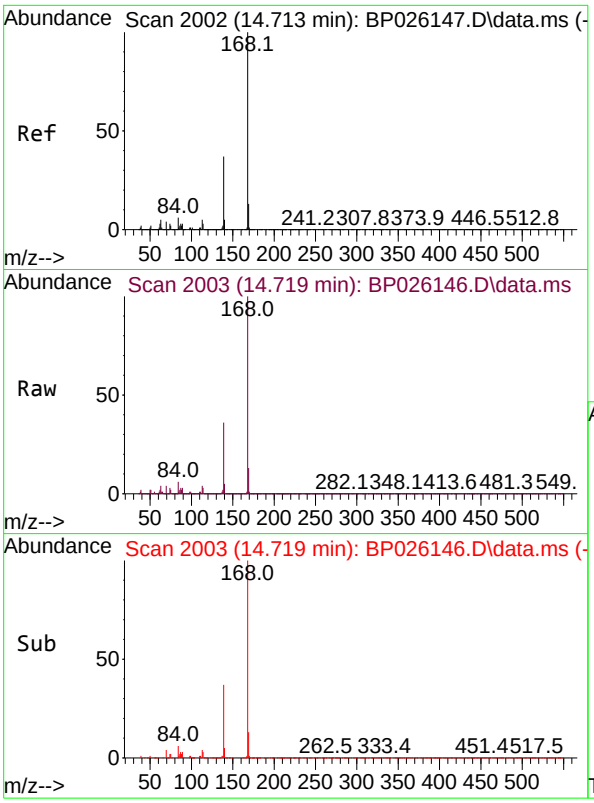


#54
2,4-Dinitrophenol
Concen: 31.181 ng
RT: 14.431 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:184 Resp: 141102

Ion	Ratio	Lower	Upper
184	100		
63	57.2	43.1	64.7
154	59.9	49.5	74.3

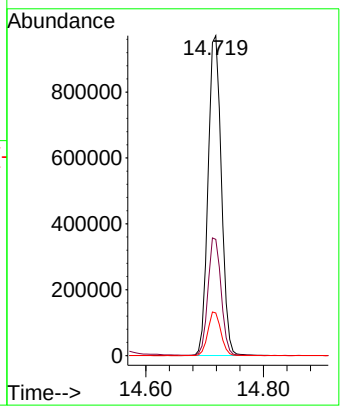




#55
Dibenzofuran
Concen: 20.834 ng
RT: 14.719 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:168 Resp: 152324

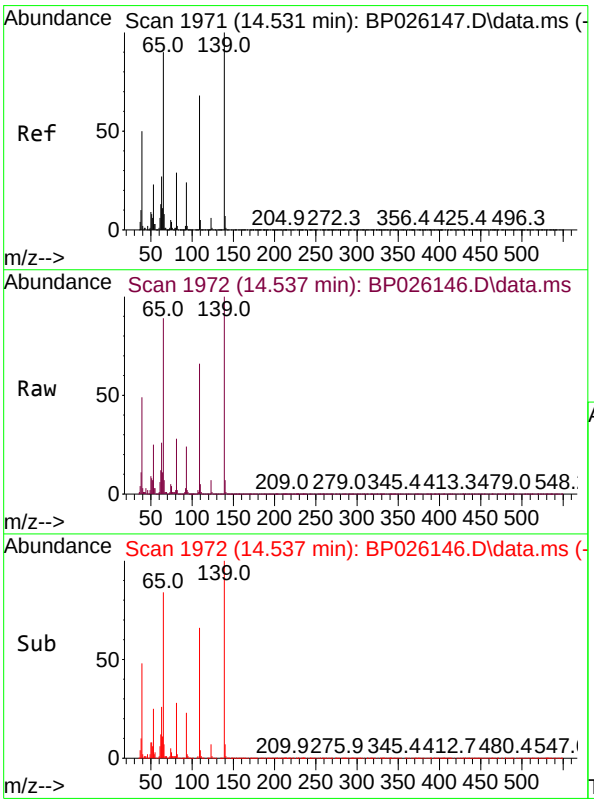
Ion	Ratio	Lower	Upper
168	100		
139	36.3	29.8	44.6
169	13.3	10.9	16.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
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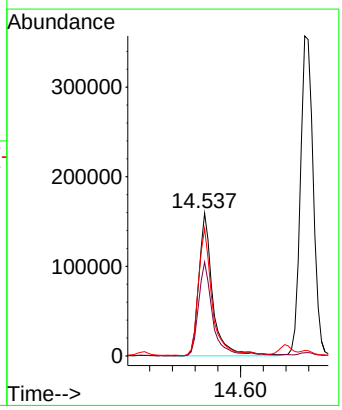
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

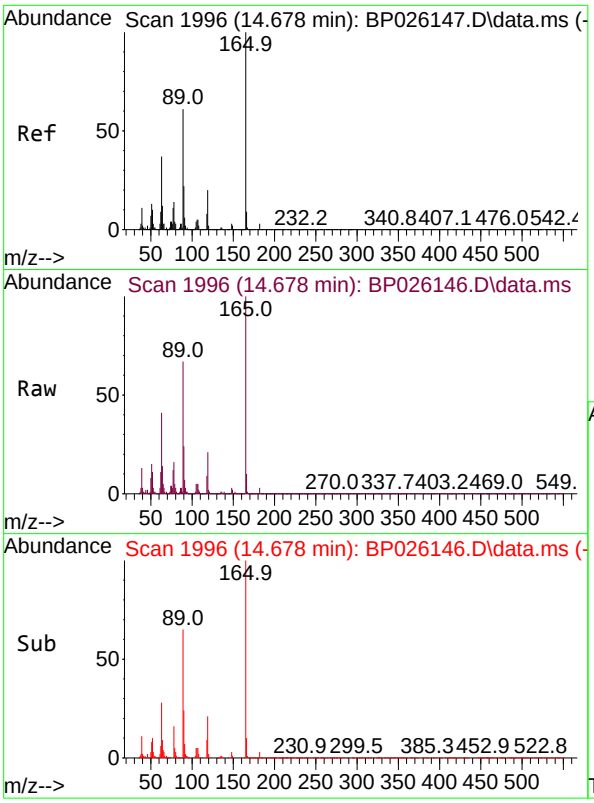


#56
4-Nitrophenol
Concen: 22.578 ng
RT: 14.537 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:139 Resp: 268085

Ion	Ratio	Lower	Upper
139	100		
109	65.8	46.8	86.8
65	89.3	69.3	109.3

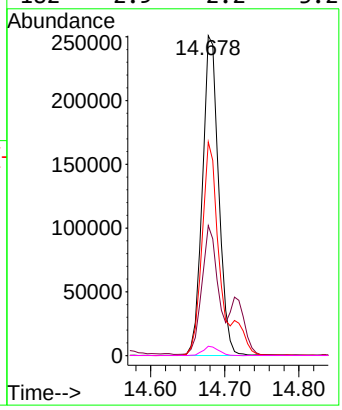




#57
2,4-Dinitrotoluene
Concen: 26.418 ng
RT: 14.678 min Scan# 19
Delta R.T. -0.012 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:165 Resp: 380156

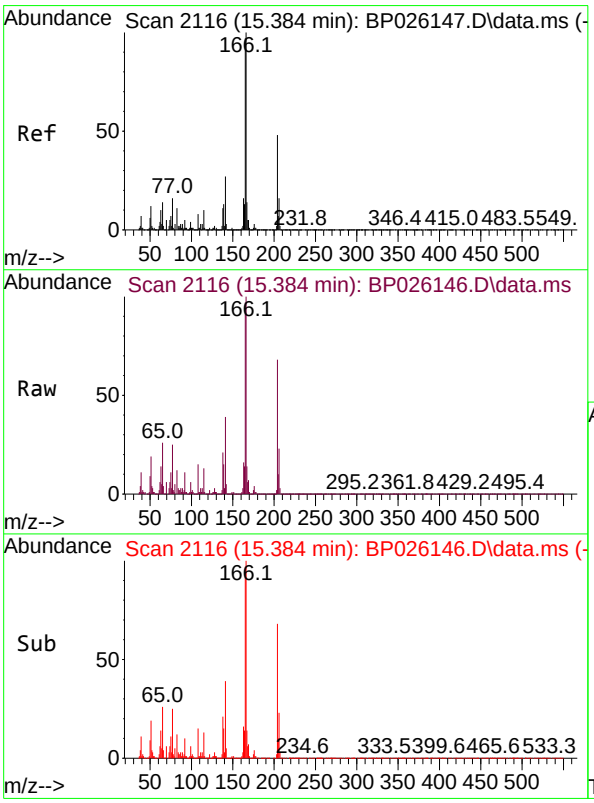
Ion	Ratio	Lower	Upper
165	100		
63	40.6	31.0	46.6
89	66.8	51.7	77.5
182	2.9	2.2	3.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
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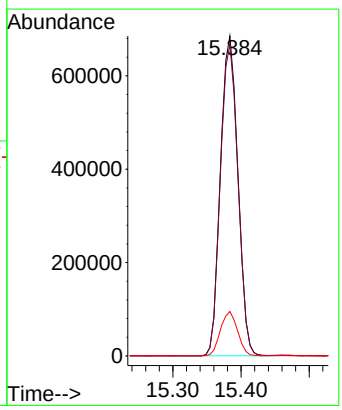
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

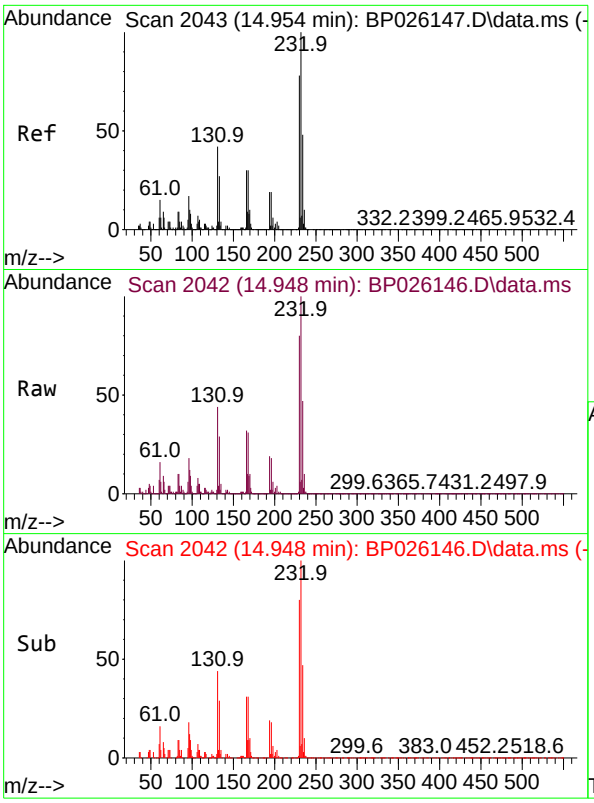


#58
Fluorene
Concen: 21.155 ng
RT: 15.384 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:166 Resp: 1215204

Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.9	116.9
167	13.9	11.0	16.4

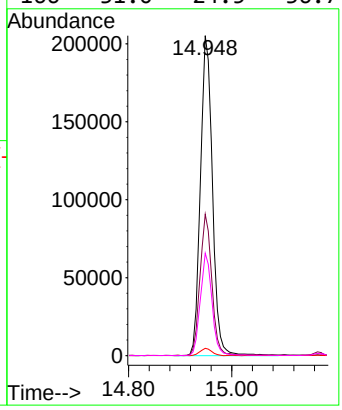




#59
2,3,4,6-Tetrachlorophenol
Concen: 24.574 ng
RT: 14.948 min Scan# 20
Delta R.T. -0.012 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:232 Resp: 331539

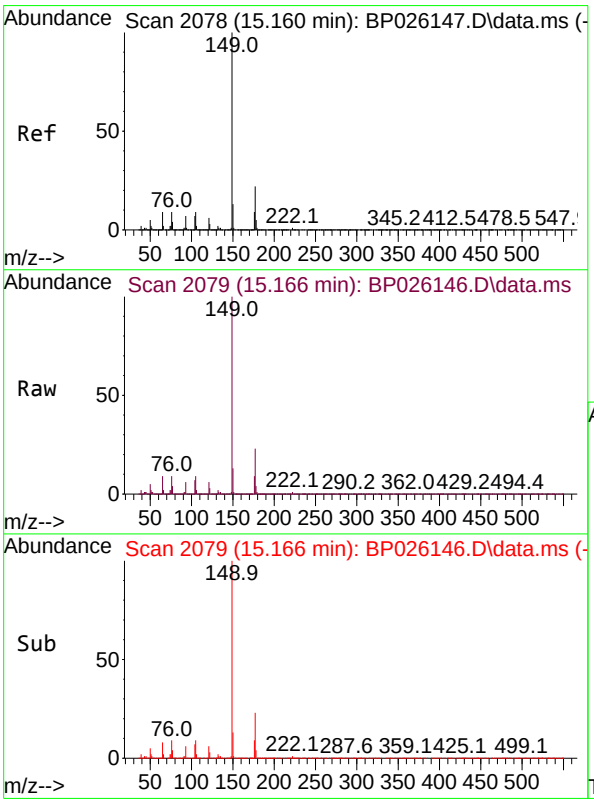
Ion	Ratio	Lower	Upper
232	100		
131	43.2	34.8	52.2
130	2.2	1.8	2.8
166	31.0	24.5	36.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
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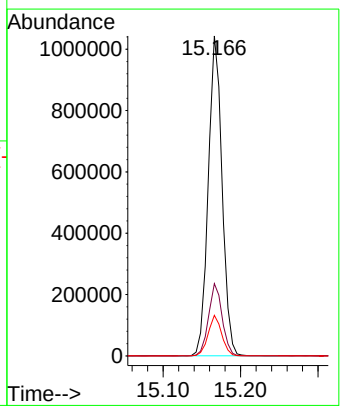
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

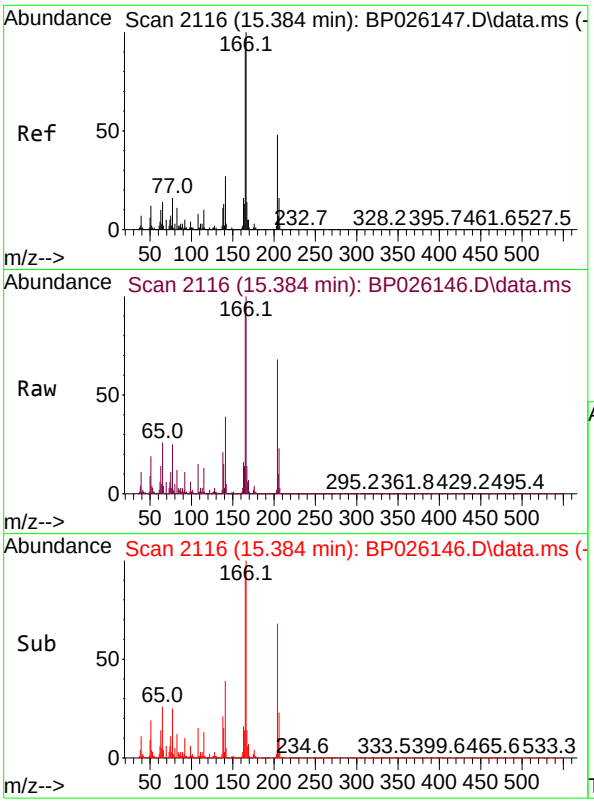


#60
Diethylphthalate
Concen: 21.853 ng
RT: 15.166 min Scan# 2079
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:149 Resp: 1289507

Ion	Ratio	Lower	Upper
149	100		
177	22.6	17.9	26.9
150	12.7	9.9	14.9

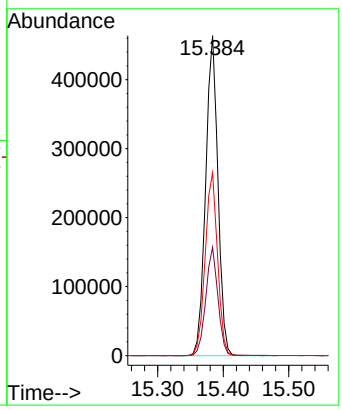




#61
4-Chlorophenyl-phenylether
Concen: 20.967 ng
RT: 15.384 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:204 Resp: 60036

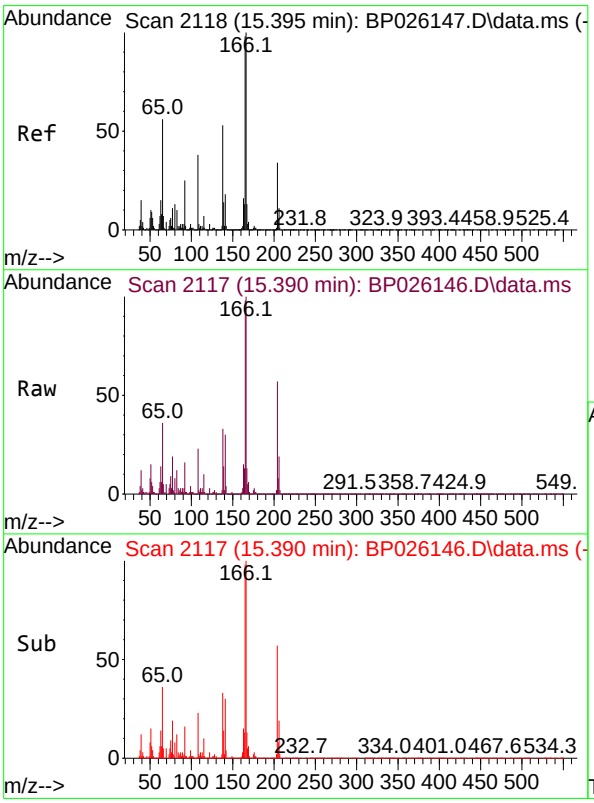
Ion	Ratio	Lower	Upper
204	100		
206	33.9	26.2	39.2
141	57.1	48.1	72.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
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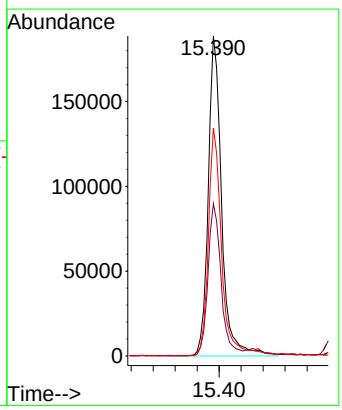
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

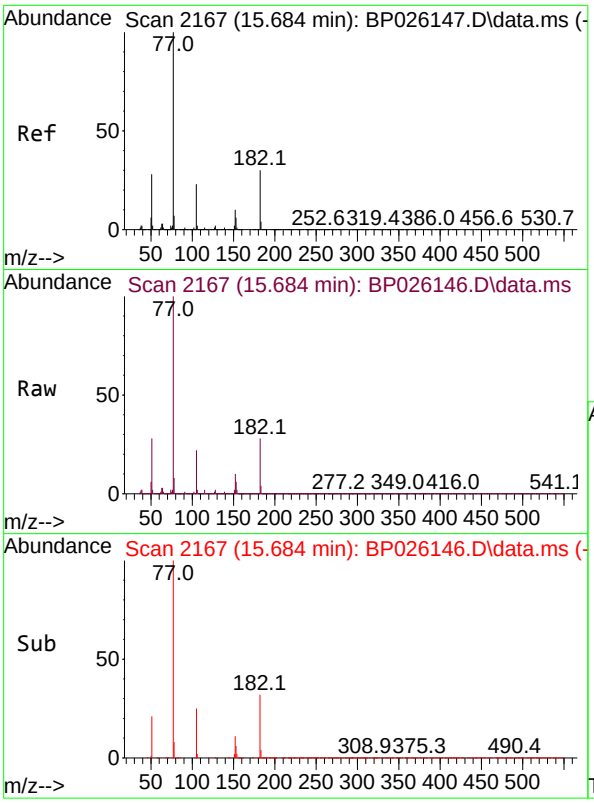


#62
4-Nitroaniline
Concen: 25.224 ng
RT: 15.390 min Scan# 2117
Delta R.T. -0.012 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:138 Resp: 319109

Ion	Ratio	Lower	Upper
138	100		
92	47.6	27.5	67.5
108	71.2	51.1	91.1

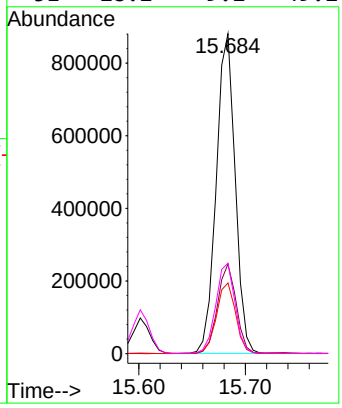




#63
Azobenzene
Concen: 20.545 ng
RT: 15.684 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion: 77 Resp: 108996

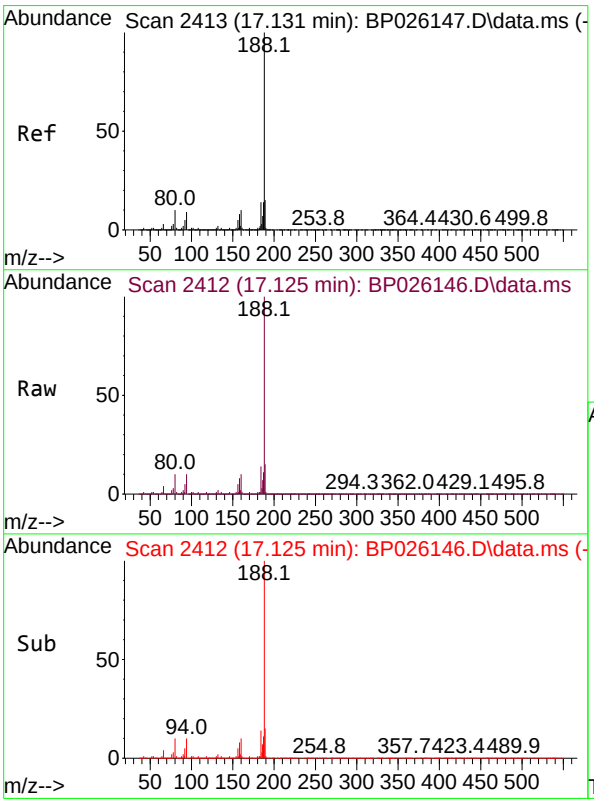
Ion	Ratio	Lower	Upper
77	100		
182	28.0	8.8	48.8
105	22.1	2.6	42.6
51	28.2	9.2	49.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

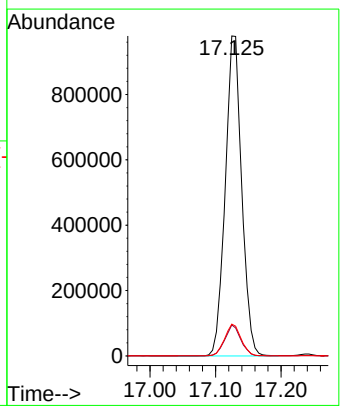
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

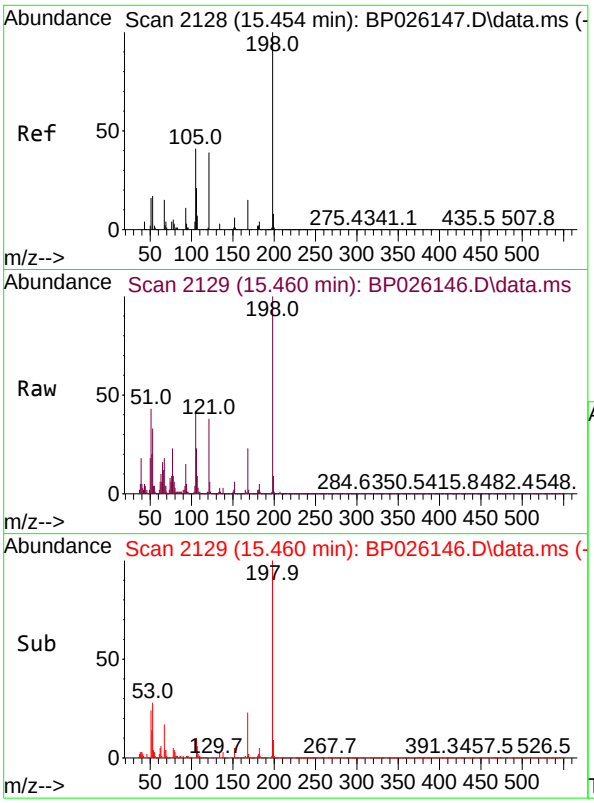


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:188 Resp: 1709036

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.8	11.6
80	9.9	8.2	12.2

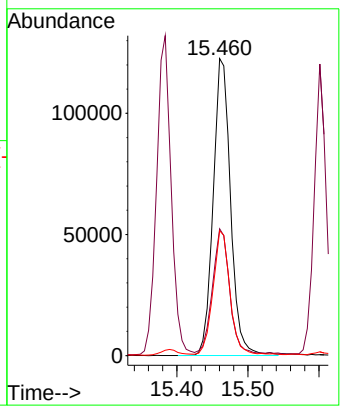




#65
4,6-Dinitro-2-methylphenol
Concen: 28.706 ng
RT: 15.460 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:198 Resp: 20940

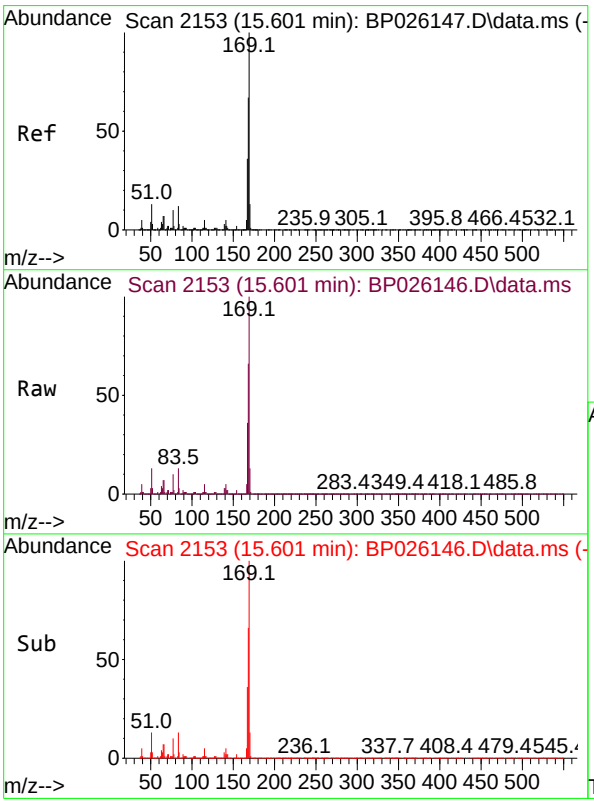
Ion	Ratio	Lower	Upper
198	100		
51	42.7	18.4	58.4
105	42.1	18.5	58.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

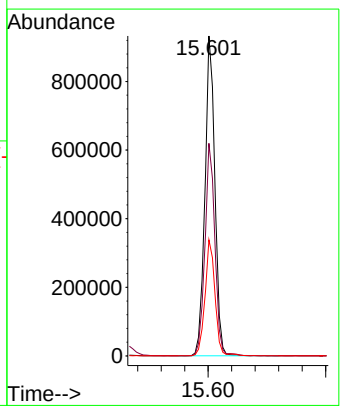
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

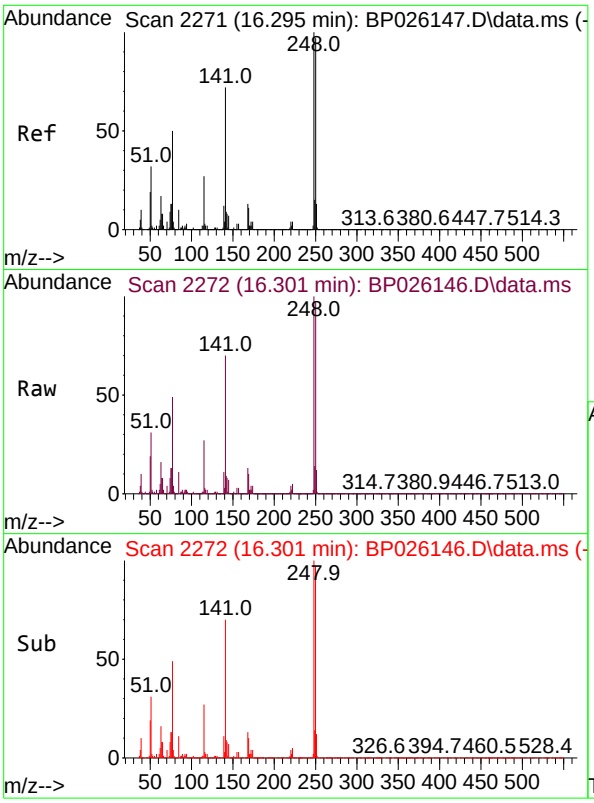


#66
n-Nitrosodiphenylamine
Concen: 20.565 ng
RT: 15.601 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:169 Resp: 1094982

Ion	Ratio	Lower	Upper
169	100		
168	66.4	53.1	79.7
167	36.3	28.9	43.3





#67
4-Bromophenyl-phenylether
Concen: 20.120 ng
RT: 16.301 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

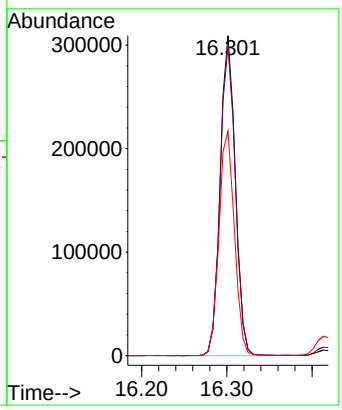
Tgt Ion:248 Resp: 38173

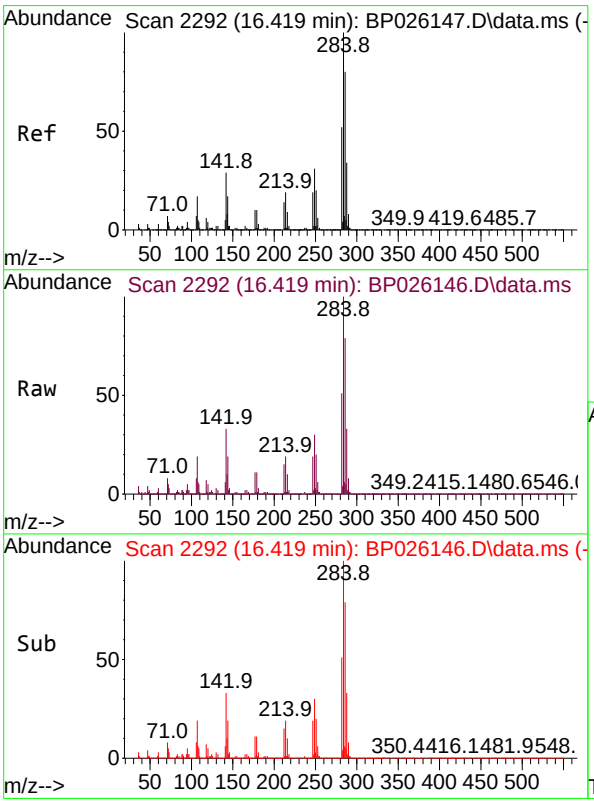
Ion	Ratio	Lower	Upper
248	100		
250	96.6	77.8	116.6
141	70.2	55.4	83.0

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

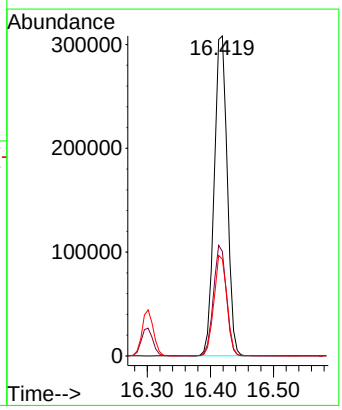


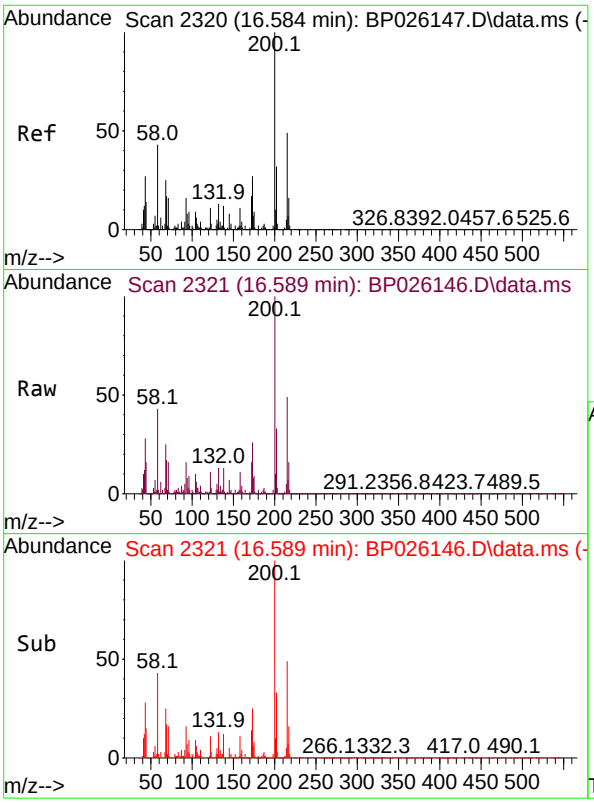


#68
Hexachlorobenzene
Concen: 20.559 ng
RT: 16.419 min Scan# 2292
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:284 Resp: 443742

Ion	Ratio	Lower	Upper
284	100		
142	32.6	28.0	42.0
249	30.2	25.0	37.4

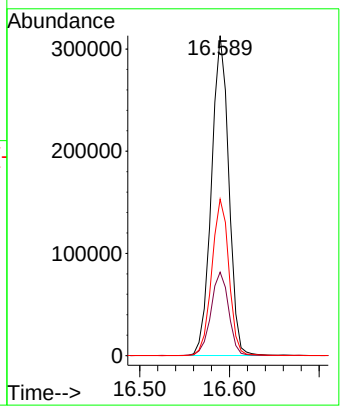




#69
Atrazine
Concen: 23.144 ng
RT: 16.589 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:200 Resp: 42245

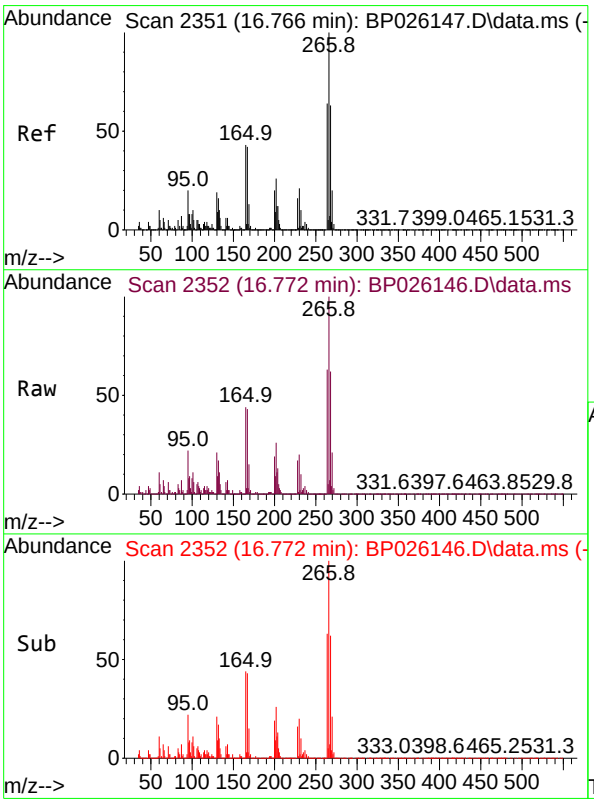
Ion	Ratio	Lower	Upper
200	100		
173	26.1	6.7	46.7
215	48.9	27.4	67.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
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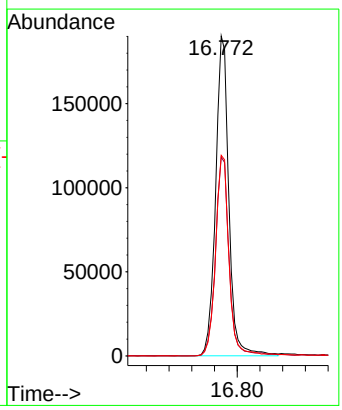
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

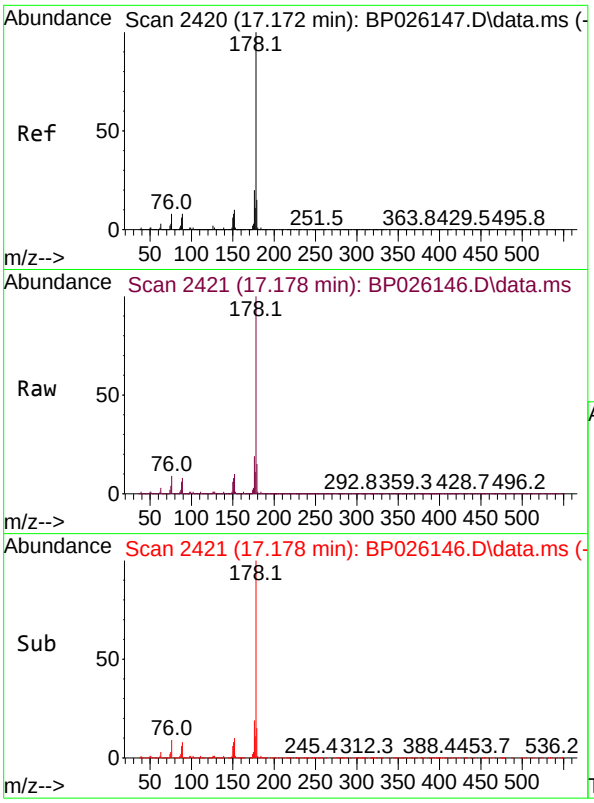


#70
Pentachlorophenol
Concen: 22.793 ng
RT: 16.772 min Scan# 2352
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:266 Resp: 306483

Ion	Ratio	Lower	Upper
266	100		
268	62.1	51.0	76.4
264	62.7	50.2	75.2

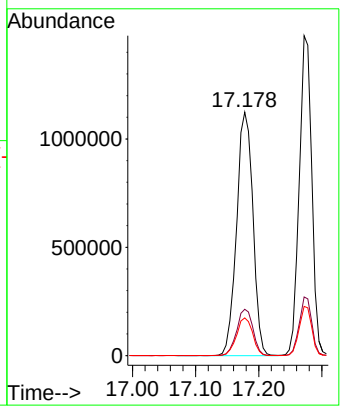




#71
Phenanthrene
Concen: 20.401 ng
RT: 17.178 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:178 Resp: 201434

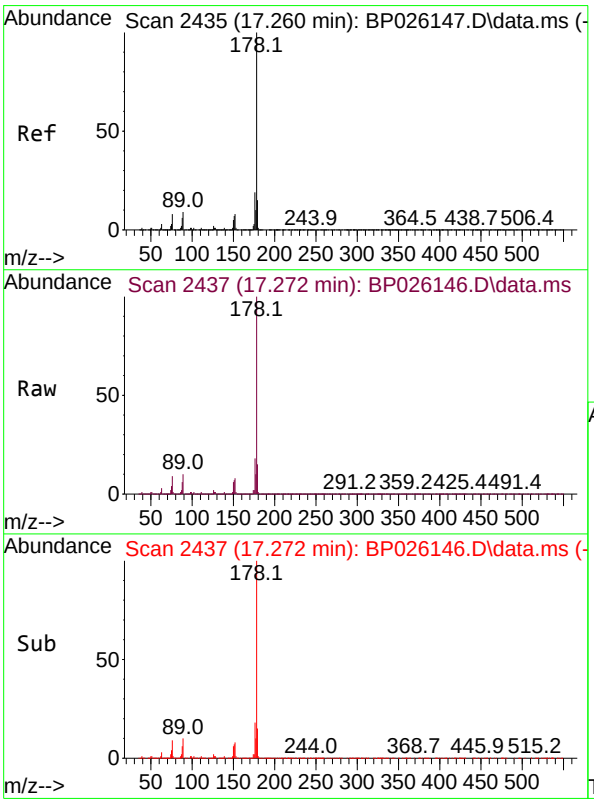
Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.5	12.4	18.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
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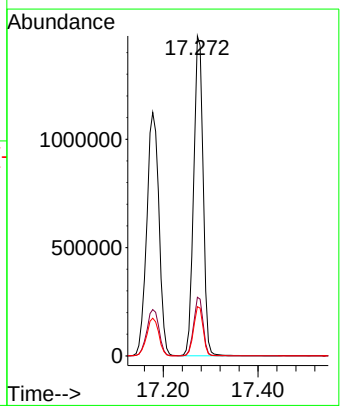
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

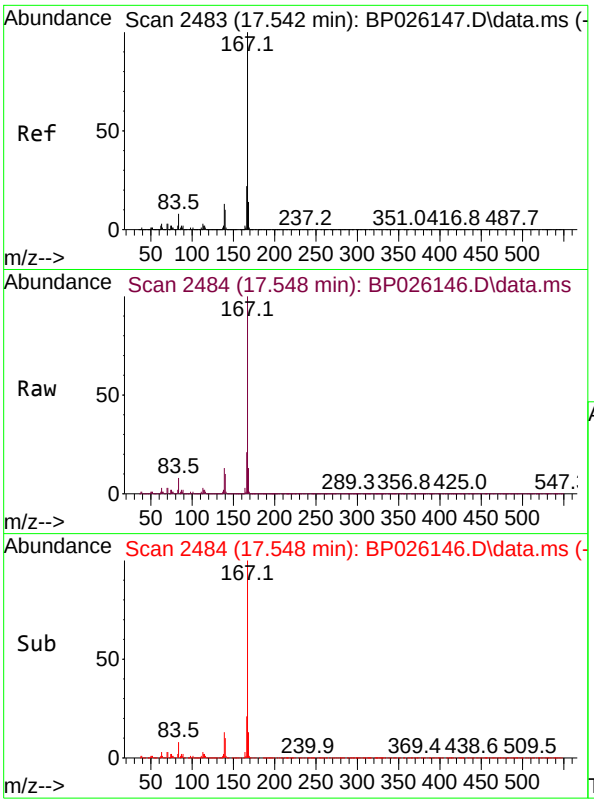


#72
Anthracene
Concen: 20.778 ng
RT: 17.272 min Scan# 2437
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:178 Resp: 2046874

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.8	22.2
179	15.4	12.2	18.4

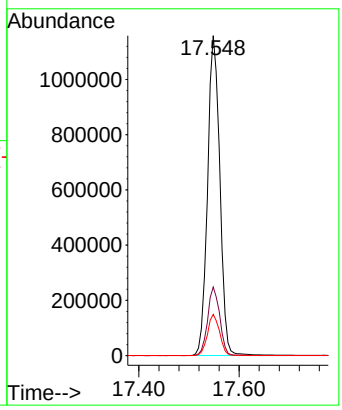




#73
Carbazole
Concen: 21.216 ng
RT: 17.548 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:167 Resp: 196683

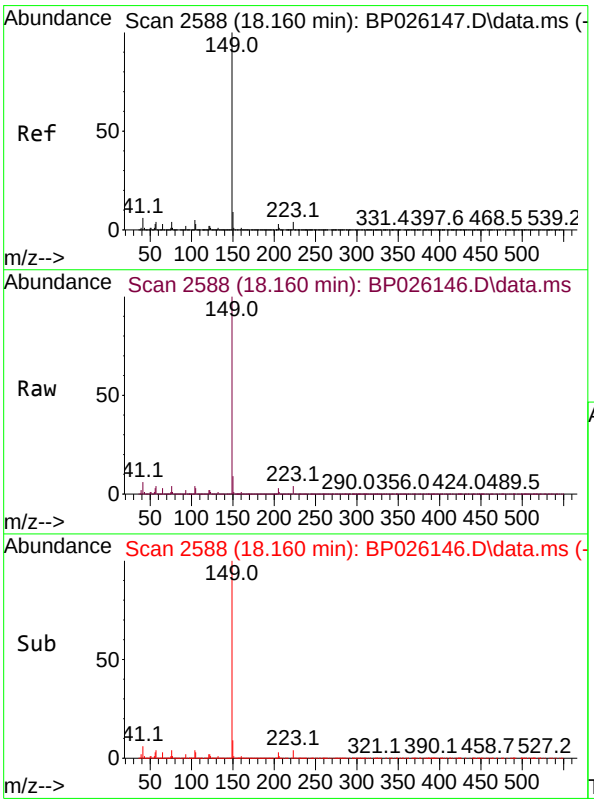
Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.1	25.7
139	12.9	10.2	15.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

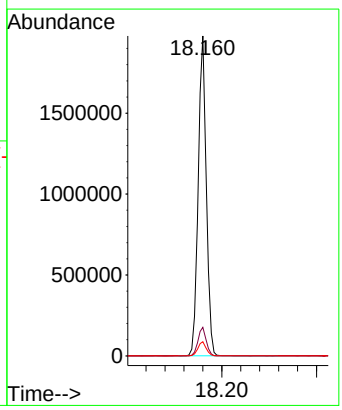
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

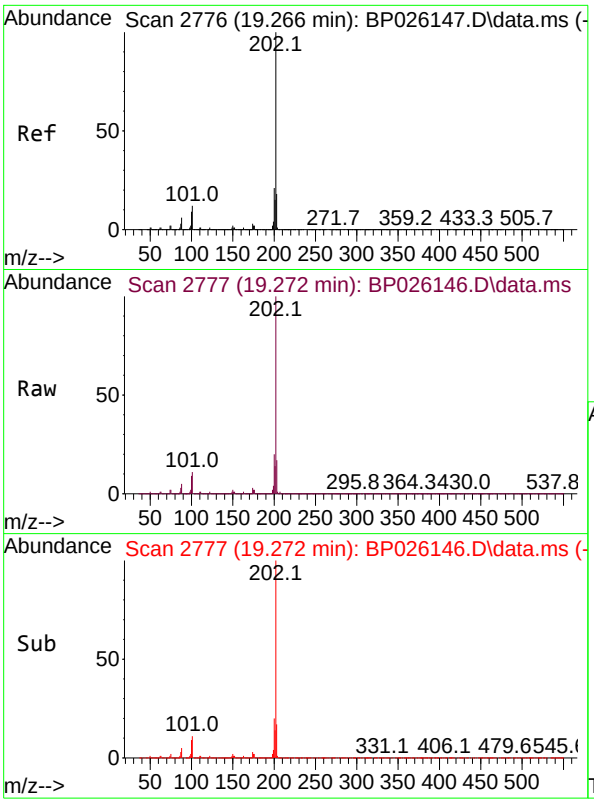


#74
Di-n-butylphthalate
Concen: 22.368 ng
RT: 18.160 min Scan# 2588
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:149 Resp: 2344972

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.5	11.3
104	4.4	3.6	5.4

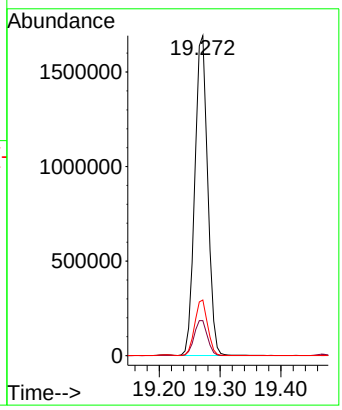




#75
Fluoranthene
Concen: 21.452 ng
RT: 19.272 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:202 Resp: 248205

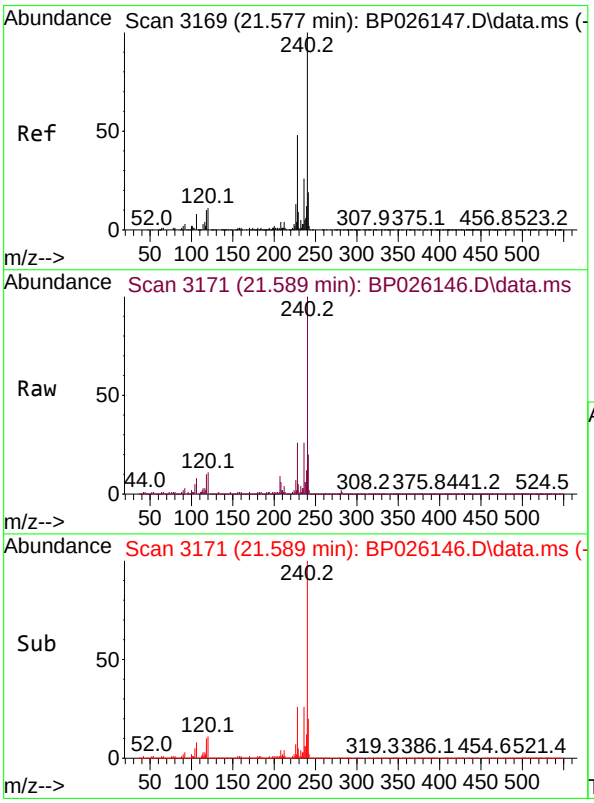
Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	31.2
203	17.4	0.0	37.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

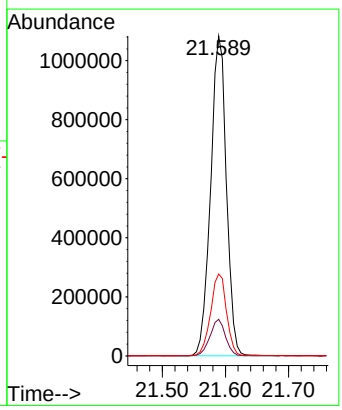
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

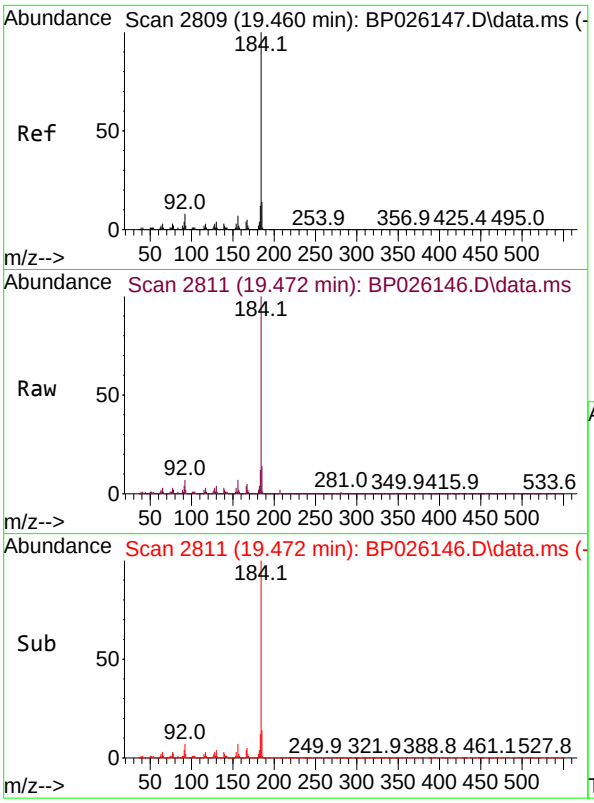


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.589 min Scan# 3171
Delta R.T. 0.018 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:240 Resp: 1880769

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.0	13.4
236	25.6	20.4	30.6

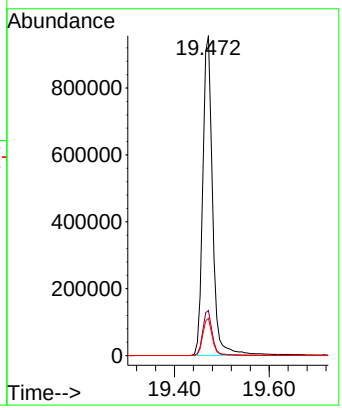




#77
Benzidine
Concen: 27.923 ng
RT: 19.472 min Scan# 28
Delta R.T. 0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:184 Resp: 137903

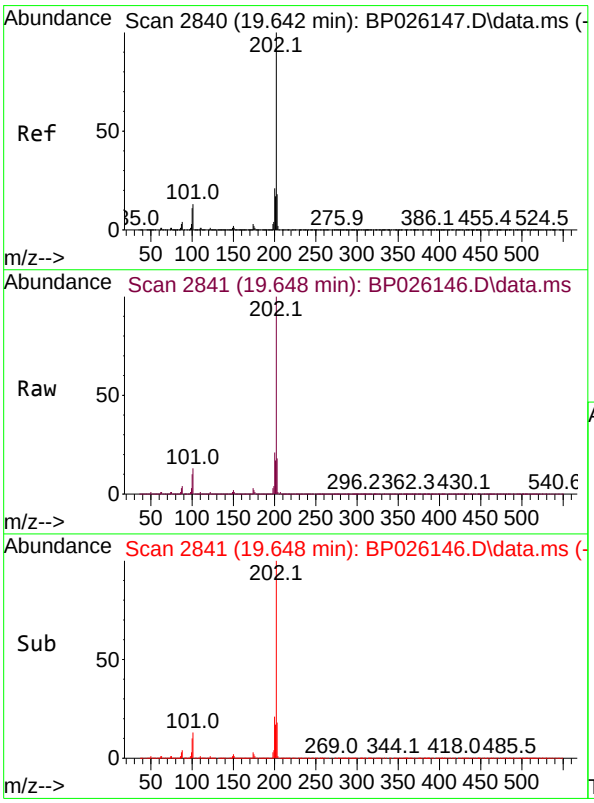
Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.3	16.9
183	11.7	9.0	13.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

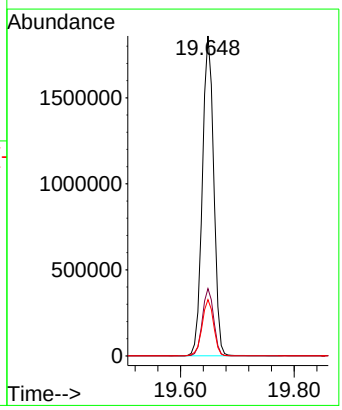
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

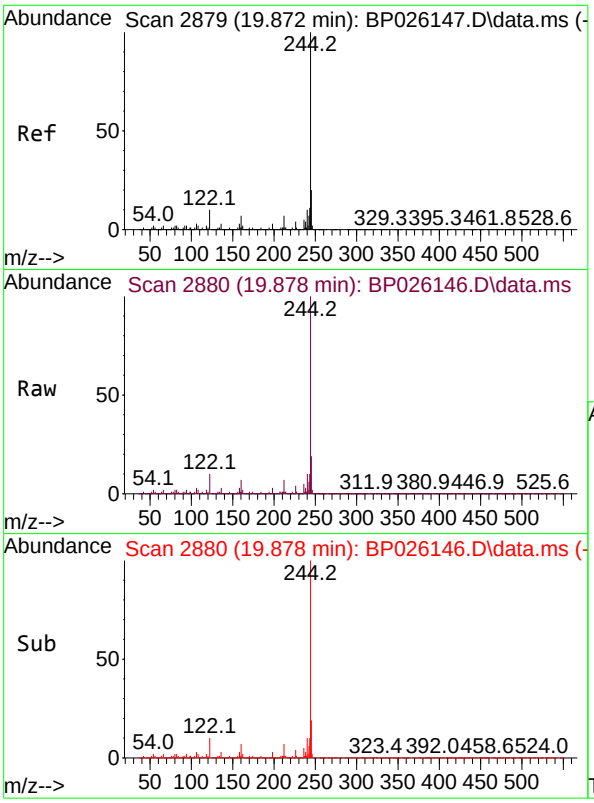


#78
Pyrene
Concen: 20.591 ng
RT: 19.648 min Scan# 2841
Delta R.T. 0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:202 Resp: 2586291

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.6	13.8	20.8





#79
Terphenyl-d14
Concen: 43.268 ng
RT: 19.878 min Scan# 28
Delta R.T. 0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

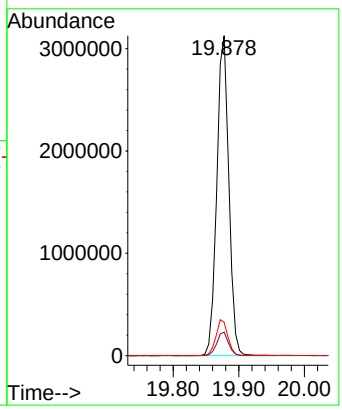
Tgt Ion:244 Resp: 399061

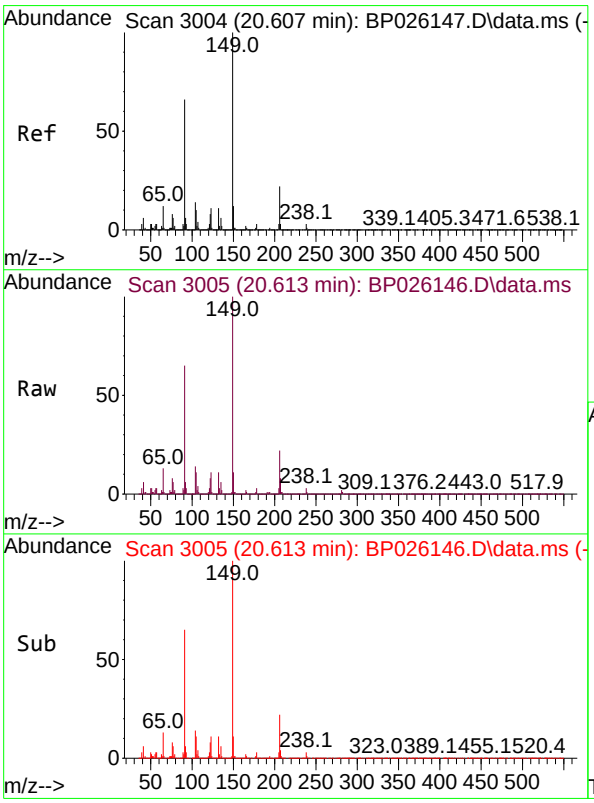
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	10.4	8.2	12.2

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

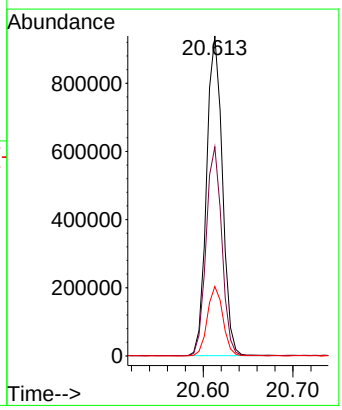


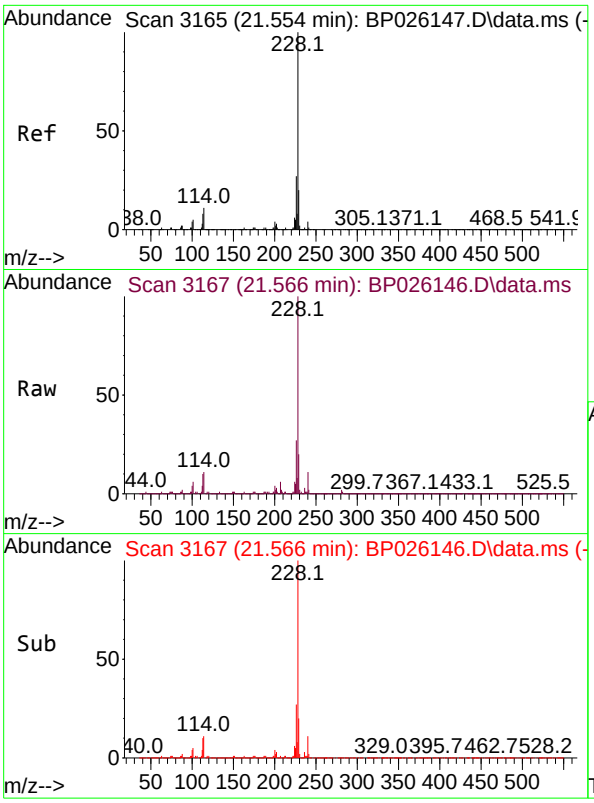


#80
Butylbenzylphthalate
Concen: 27.342 ng
RT: 20.613 min Scan# 3005
Delta R.T. 0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:149 Resp: 1151348

Ion	Ratio	Lower	Upper
149	100		
91	65.3	52.6	79.0
206	21.7	16.9	25.3

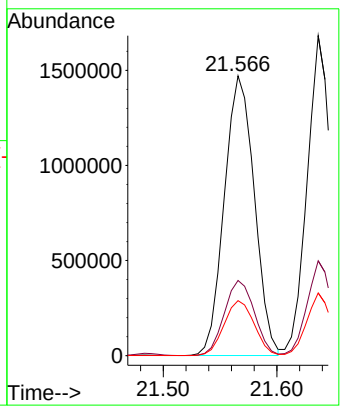




#81
Benzo(a)anthracene
Concen: 21.043 ng
RT: 21.566 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:228 Resp: 270257

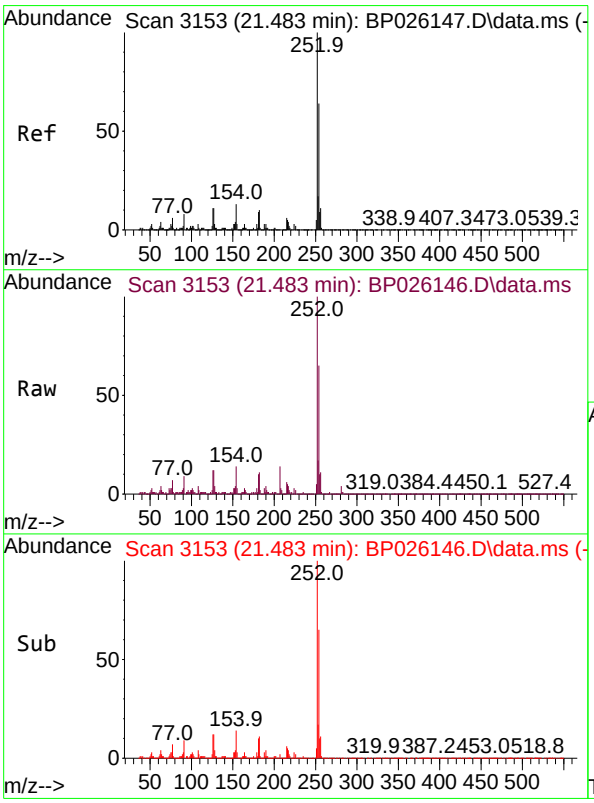
Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.8	32.8
229	19.6	15.9	23.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

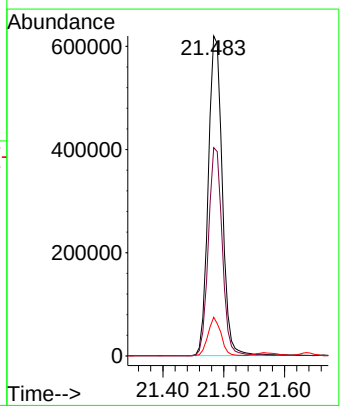
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

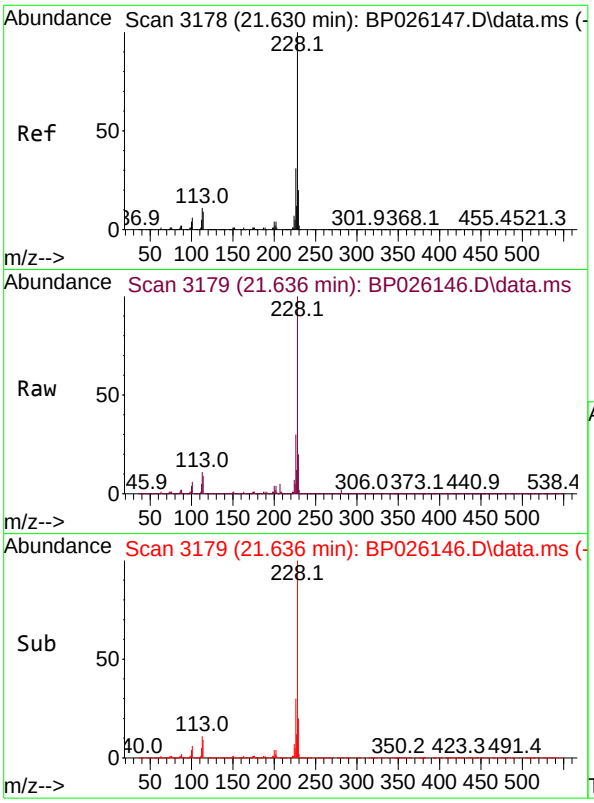


#82
3,3'-Dichlorobenzidine
Concen: 23.394 ng
RT: 21.483 min Scan# 3153
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:252 Resp: 989512

Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.2	76.8
126	12.1	8.2	12.4

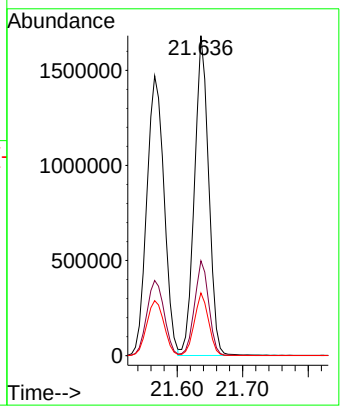




#83
Chrysene
Concen: 20.723 ng
RT: 21.636 min Scan# 31
Delta R.T. 0.018 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:228 Resp: 252276

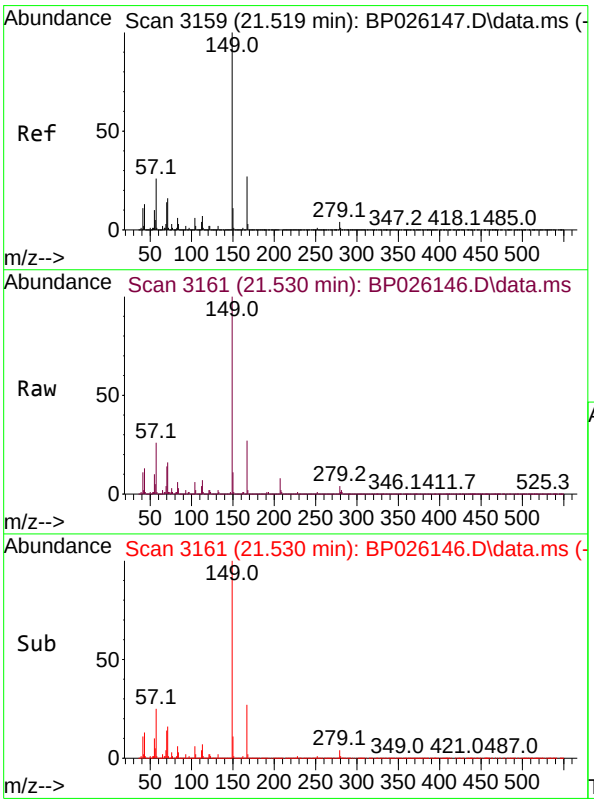
Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.9	35.9
229	19.6	15.9	23.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

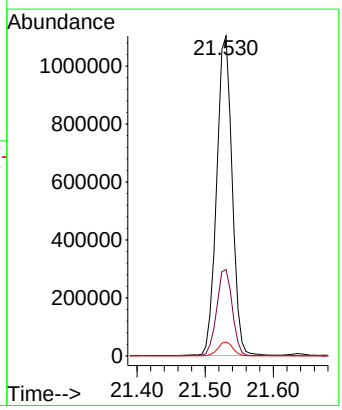
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

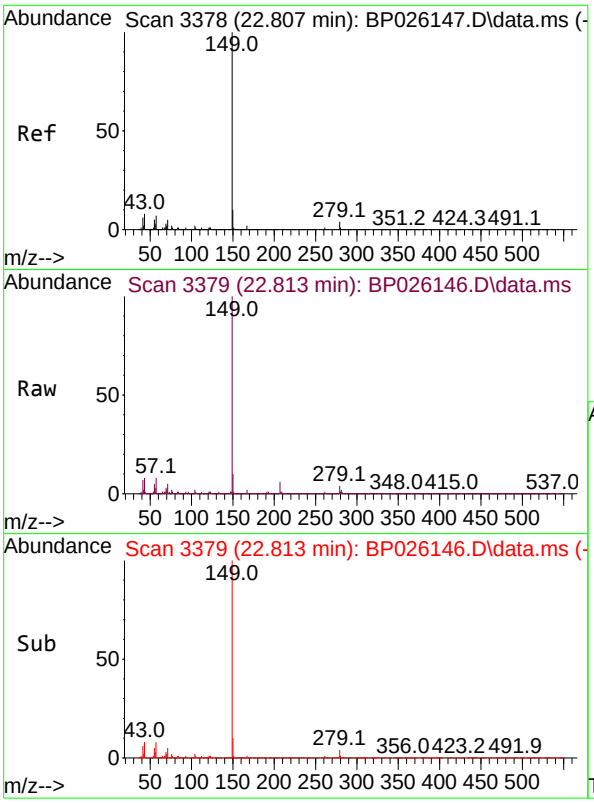


#84
Bis(2-ethylhexyl)phthalate
Concen: 25.069 ng
RT: 21.530 min Scan# 3161
Delta R.T. 0.012 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:149 Resp: 1726261

Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.1	33.1
279	4.3	3.3	4.9

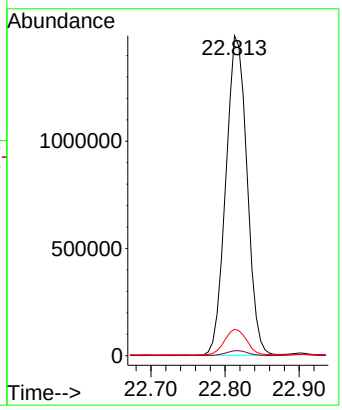




#85
Di-n-octyl phthalate
Concen: 25.198 ng
RT: 22.813 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:149 Resp: 295656

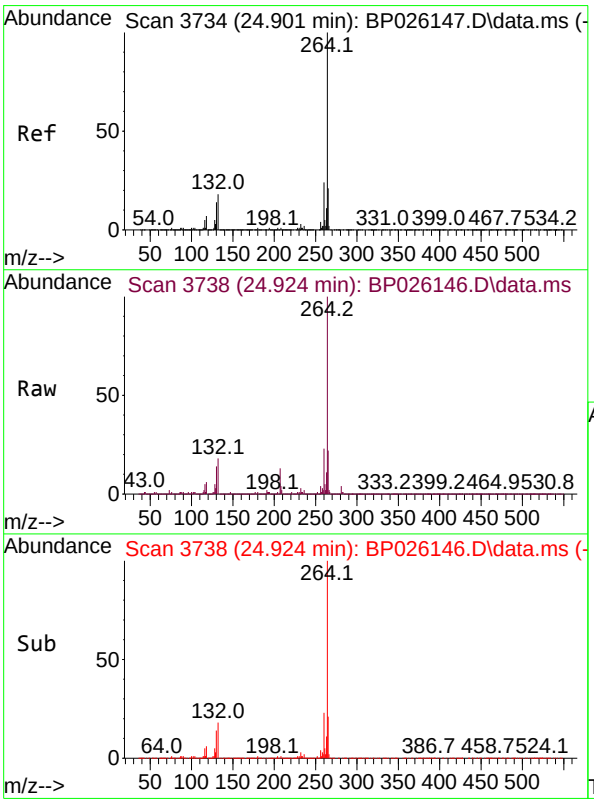
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.3	6.6	10.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

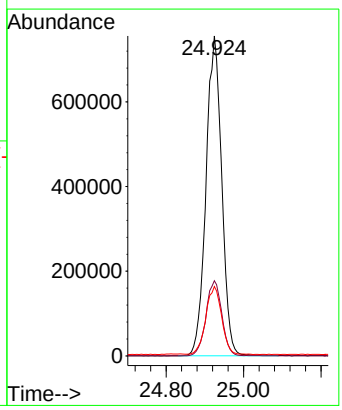
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

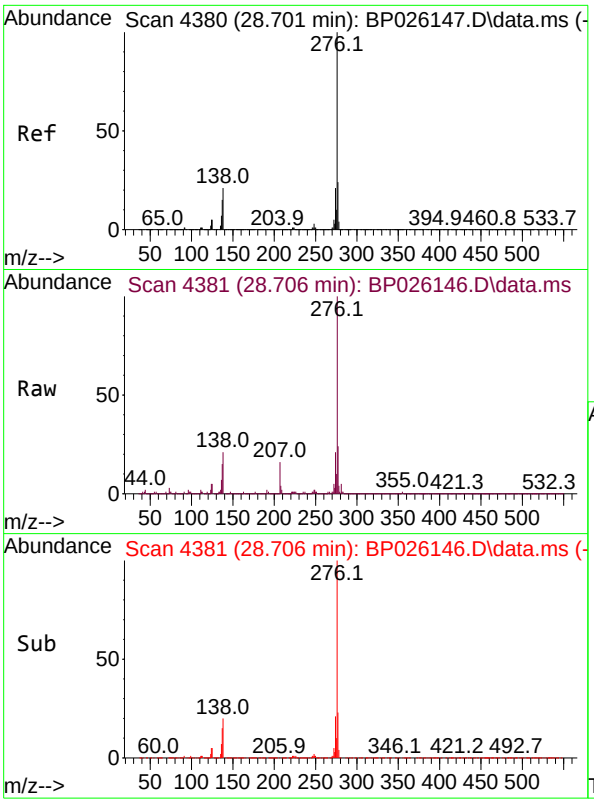


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.924 min Scan# 3738
Delta R.T. 0.018 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:264 Resp: 2127701

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.7	17.5	26.3

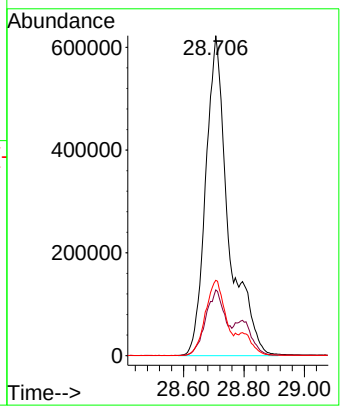




#87
Indeno(1,2,3-cd)pyrene
Concen: 20.969 ng m
RT: 28.706 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:276 Resp: 327329

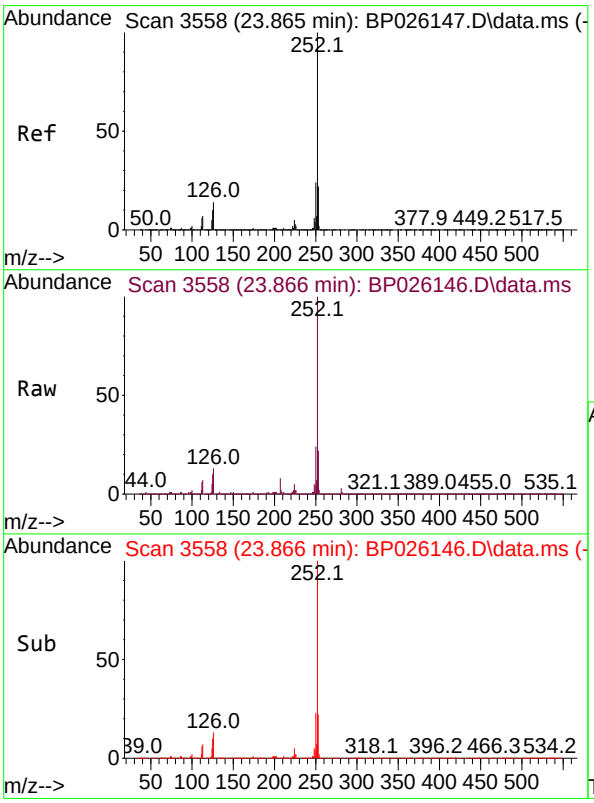
Ion	Ratio	Lower	Upper
276	100		
138	17.7	13.8	20.8
277	20.3	16.7	25.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

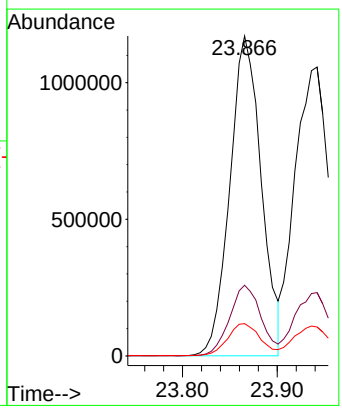
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

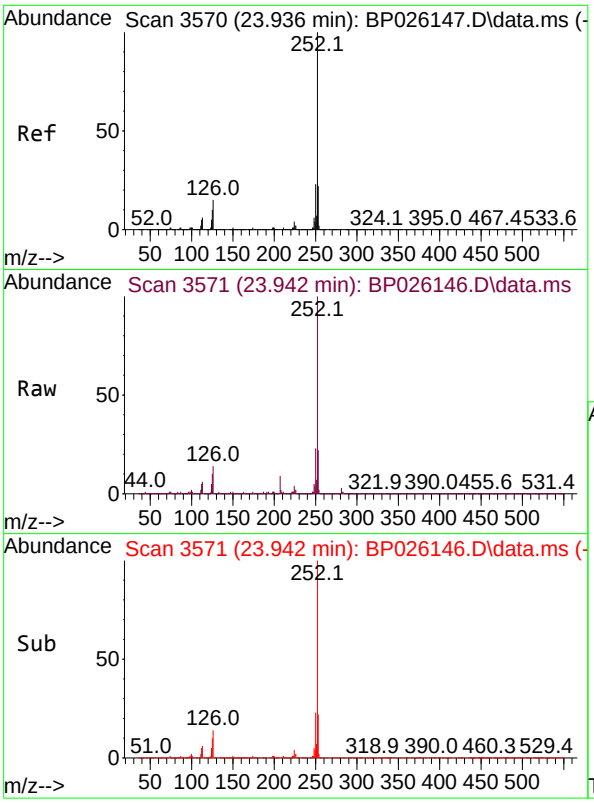


#88
Benzo(b)fluoranthene
Concen: 20.722 ng
RT: 23.866 min Scan# 3558
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:252 Resp: 2704711

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	10.1	8.2	12.4

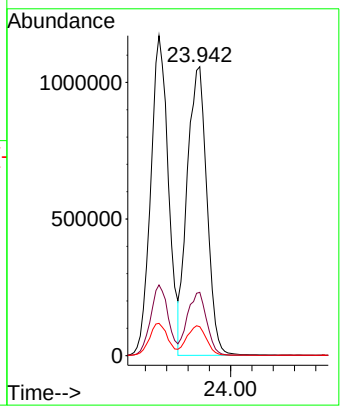




#89
Benzo(k)fluoranthene
Concen: 20.326 ng
RT: 23.942 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:252 Resp: 271239

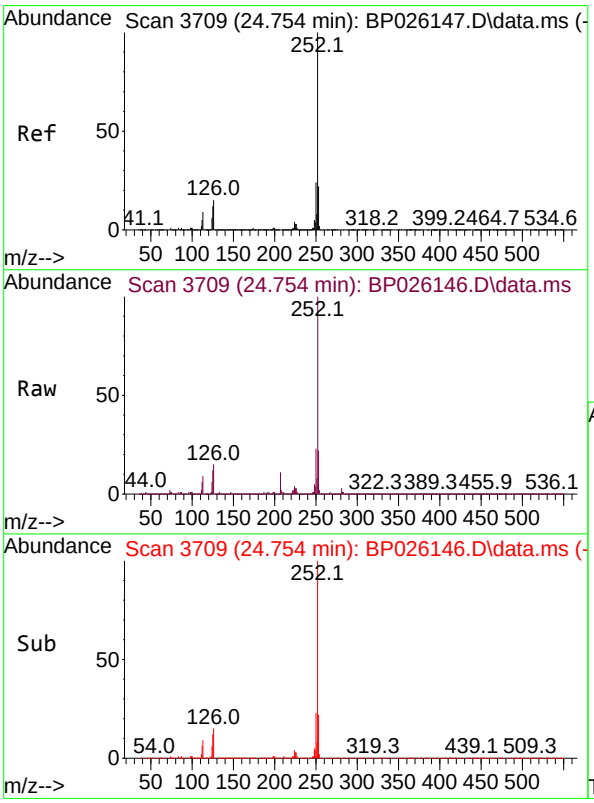
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	10.0	7.5	11.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

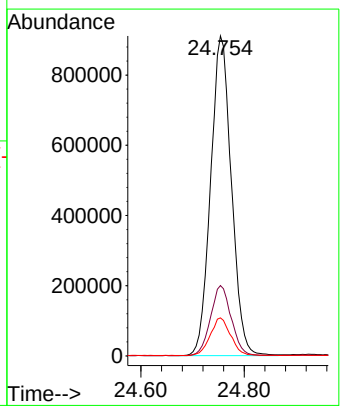
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

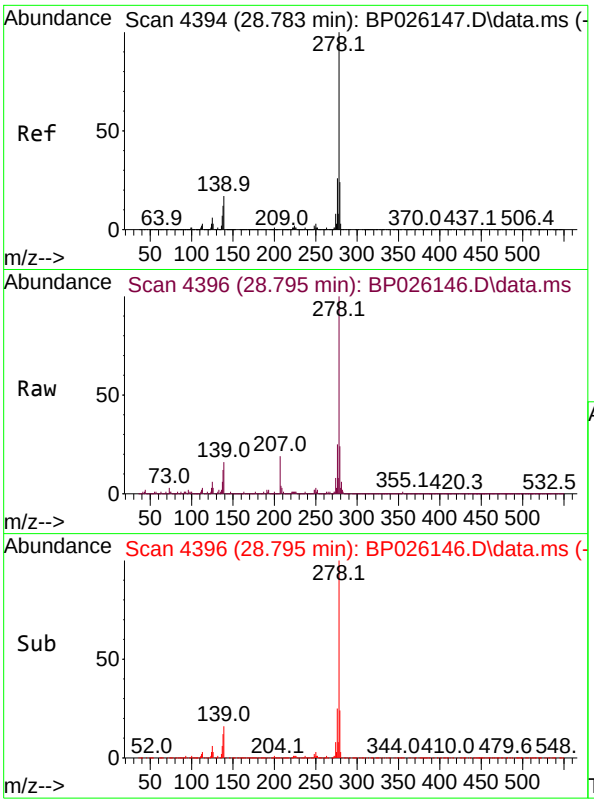


#90
Benzo(a)pyrene
Concen: 21.125 ng
RT: 24.754 min Scan# 3709
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:252 Resp: 2549616

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	11.9	9.0	13.6

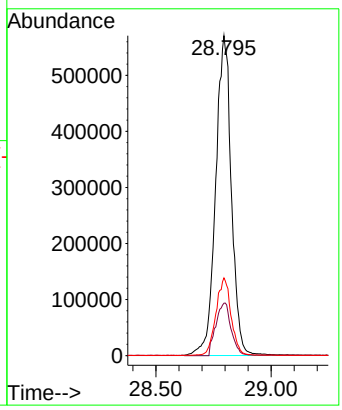




#91
Dibenzo(a,h)anthracene
Concen: 21.306 ng
RT: 28.795 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:278 Resp: 271173

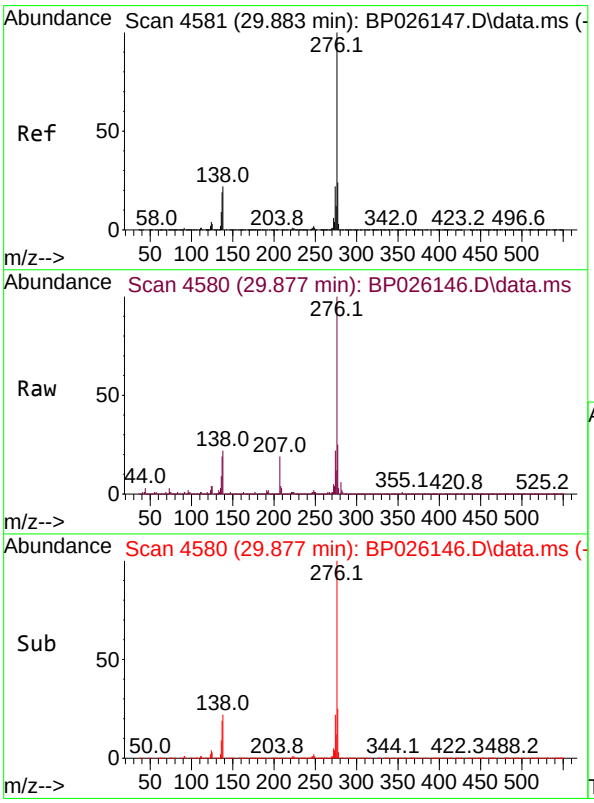
Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.2	19.8
279	24.3	19.2	28.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

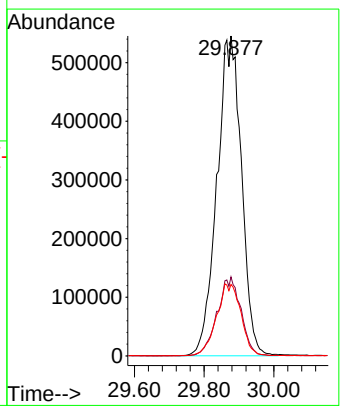
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#92
Benzo(g,h,i)perylene
Concen: 21.686 ng m
RT: 29.877 min Scan# 4580
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:276 Resp: 2666038

Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.8	28.2
138	22.3	17.8	26.6



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026147.D
Acq On : 18 Nov 2025 17:57
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 01:14:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:06:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.672	152	337271	20.000	ng	0.00
21) Naphthalene-d8	10.443	136	1420937	20.000	ng	0.00
39) Acenaphthene-d10	14.313	164	933300	20.000	ng	-0.01
64) Phenanthrene-d10	17.131	188	1878028	20.000	ng	0.00
76) Chrysene-d12	21.577	240	1999579	20.000	ng	0.00
86) Perylene-d12	24.901	264	2243799	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	1679294	79.895	ng	0.00
7) Phenol-d6	6.855	99	2181293	81.447	ng	0.00
23) Nitrobenzene-d5	8.813	82	2018895	80.578	ng	0.00
42) 2,4,6-Tribromophenol	15.831	330	985641	81.498	ng	0.00
45) 2-Fluorobiphenyl	12.919	172	4991155	78.020	ng	-0.01
79) Terphenyl-d14	19.872	244	7922015	80.792	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.220	88	328478	38.414	ng	100
3) Pyridine	3.614	79	974704	39.541	ng	98
4) n-Nitrosodimethylamine	3.519	42	364054	39.627	ng	96
6) Aniline	7.008	93	1431502	40.575	ng	98
8) 2-Chlorophenol	7.243	128	964995	40.369	ng	99
9) Benzaldehyde	6.819	77	622134	53.939	ng	99
10) Phenol	6.878	94	1177853	40.869	ng	99
11) bis(2-Chloroethyl)ether	7.102	93	917778	40.811	ng	99
12) 1,3-Dichlorobenzene	7.560	146	1028799	39.968	ng	99
13) 1,4-Dichlorobenzene	7.708	146	1038752	40.071	ng	99
14) 1,2-Dichlorobenzene	8.019	146	997382	39.996	ng	99
15) Benzyl Alcohol	7.908	79	800974	40.874	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.196	45	1291371	40.615	ng	99
17) 2-Methylphenol	8.113	107	806245	41.076	ng	100
18) Hexachloroethane	8.743	117	380794	40.305	ng	99
19) n-Nitroso-di-n-propyla...	8.472	70	690711	41.414	ng	99
20) 3+4-Methylphenols	8.437	107	1095272	40.127	ng	98
22) Acetophenone	8.484	105	1439776	39.828	ng	100
24) Nitrobenzene	8.855	77	1020382	40.240	ng	99
25) Isophorone	9.384	82	2017328	40.551	ng	99
26) 2-Nitrophenol	9.554	139	537109	42.012	ng	99
27) 2,4-Dimethylphenol	9.625	122	932722	40.271	ng	99
28) bis(2-Chloroethoxy)met...	9.860	93	1247327	40.045	ng	99
29) 2,4-Dichlorophenol	10.096	162	940122	40.740	ng	99
30) 1,2,4-Trichlorobenzene	10.307	180	938571	39.912	ng	99
31) Naphthalene	10.496	128	3048677	39.513	ng	99
32) Benzoic acid	9.772	122	784823	42.116	ng	97
33) 4-Chloroaniline	10.596	127	1340270	40.923	ng	99
34) Hexachlorobutadiene	10.784	225	610384	39.893	ng	99
35) Caprolactam	11.384	113	333785	40.168	ng	97
36) 4-Chloro-3-methylphenol	11.725	107	1006010	40.975	ng	99
37) 2-Methylnaphthalene	12.107	142	2196657	40.223	ng	100
38) 1-Methylnaphthalene	12.331	142	2167022	40.554	ng	99
40) 1,2,4,5-Tetrachloroben...	12.478	216	1113781	39.601	ng	100
41) Hexachlorocyclopentadiene	12.466	237	739123	40.264	ng	100
43) 2,4,6-Trichlorophenol	12.719	196	783545	40.484	ng	100

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026147.D
Acq On : 18 Nov 2025 17:57
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 01:14:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:06:38 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	12.795	196	871078	40.362	ng	99
46)	1,1'-Biphenyl	13.131	154	2780286	39.689	ng	99
47)	2-Chloronaphthalene	13.166	162	2182735	39.633	ng	99
48)	2-Nitroaniline	13.366	65	630592	41.000	ng	95
49)	Acenaphthylene	14.025	152	3633847	39.879	ng	100
50)	Dimethylphthalate	13.760	163	2788637	40.098	ng	100
51)	2,6-Dinitrotoluene	13.878	165	588736	42.806	ng	95
52)	Acenaphthene	14.372	154	2124219	39.859	ng	99
53)	3-Nitroaniline	14.207	138	675665	41.586	ng	99
54)	2,4-Dinitrophenol	14.413	184	346832	42.038	ng	98
55)	Dibenzofuran	14.713	168	3294100	39.554	ng	99
56)	4-Nitrophenol	14.531	139	589592	39.974	ng	99
57)	2,4-Dinitrotoluene	14.678	165	871532	42.152	ng	96
58)	Fluorene	15.384	166	2576477	39.135	ng	100
59)	2,3,4,6-Tetrachlorophenol	14.954	232	746296	40.827	ng	100
60)	Diethylphthalate	15.160	149	2841743	40.313	ng	99
61)	4-Chlorophenyl-phenyle...	15.384	204	1293329	39.576	ng	96
62)	4-Nitroaniline	15.395	138	681705	40.085	ng	99
63)	Azobenzene	15.684	77	2408368	40.665	ng	99
65)	4,6-Dinitro-2-methylph...	15.454	198	503716	42.621	ng	95
66)	n-Nitrosodiphenylamine	15.601	169	2344222	40.344	ng	100
67)	4-Bromophenyl-phenylether	16.295	248	861696	41.519	ng	98
68)	Hexachlorobenzene	16.419	284	994319	41.466	ng	95
69)	Atrazine	16.584	200	893064	40.815	ng	99
70)	Pentachlorophenol	16.766	266	688877	40.947	ng	99
71)	Phenanthrene	17.172	178	4216157	39.682	ng	99
72)	Anthracene	17.260	178	4399641	40.544	ng	100
73)	Carbazole	17.542	167	4149841	40.424	ng	100
74)	Di-n-butylphthalate	18.160	149	5102416	41.877	ng	99
75)	Fluoranthene	19.266	202	5142583	39.601	ng	99
77)	Benzidine	19.460	184	2462804	40.014	ng	99
78)	Pyrene	19.642	202	5323064	40.857	ng	99
80)	Butylbenzylphthalate	20.607	149	2411743	41.564	ng	99
81)	Benzo(a)anthracene	21.554	228	5501277	40.116	ng	100
82)	3,3'-Dichlorobenzidine	21.483	252	2000641	40.145	ng	99
83)	Chrysene	21.630	228	5135129	39.774	ng	99
84)	Bis(2-ethylhexyl)phtha...	21.519	149	3731352	42.841	ng	100
85)	Di-n-octyl phthalate	22.807	149	6322176	41.246	ng	100
87)	Indeno(1,2,3-cd)pyrene	28.701	276	6780312m	40.563	ng	
88)	Benzo(b)fluoranthene	23.865	252	5552010	40.699	ng	99
89)	Benzo(k)fluoranthene	23.936	252	5444576	39.935	ng	99
90)	Benzo(a)pyrene	24.754	252	5241553	40.506	ng	99
91)	Dibenzo(a,h)anthracene	28.783	278	5550506	40.515	ng	100
92)	Benzo(g,h,i)perylene	29.883	276	5486208	40.345	ng	100

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

ICAL Form

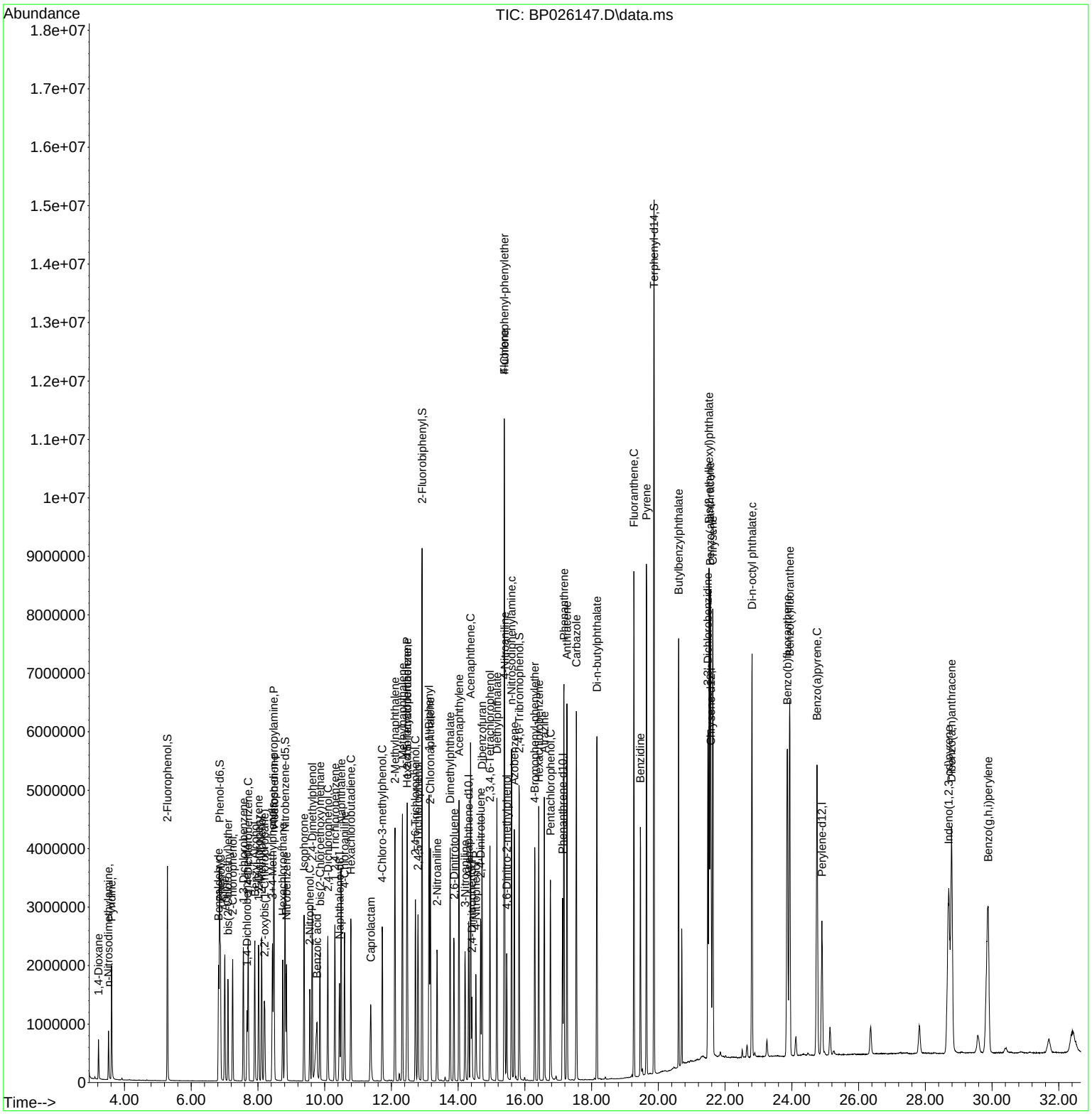
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Data File : BP026147.D
Acq On : 18 Nov 2025 17:57
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

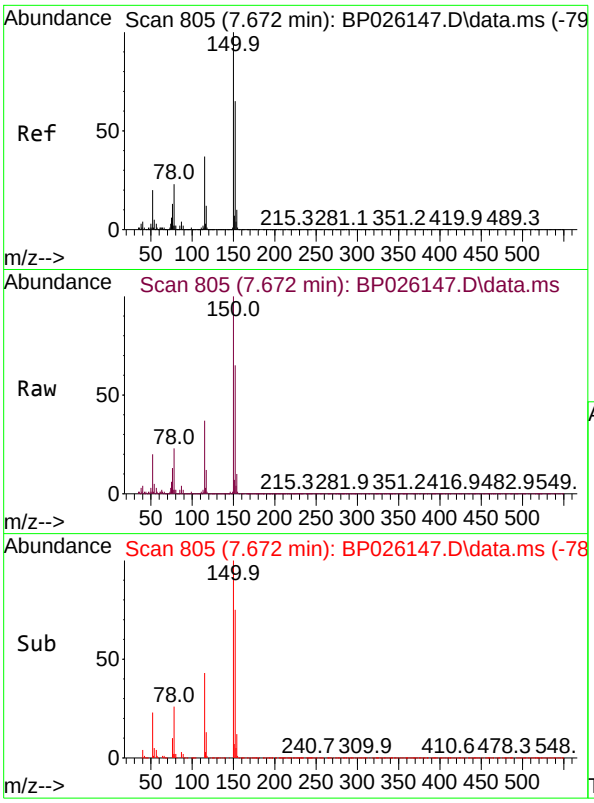
Quant Time: Nov 19 01:14:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:06:38 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

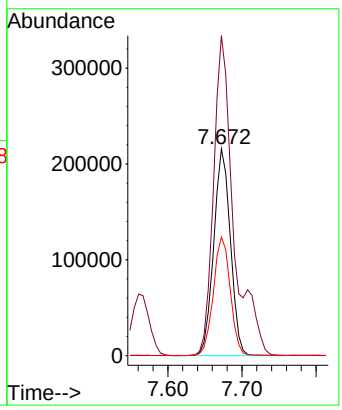




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:152 Resp: 33727

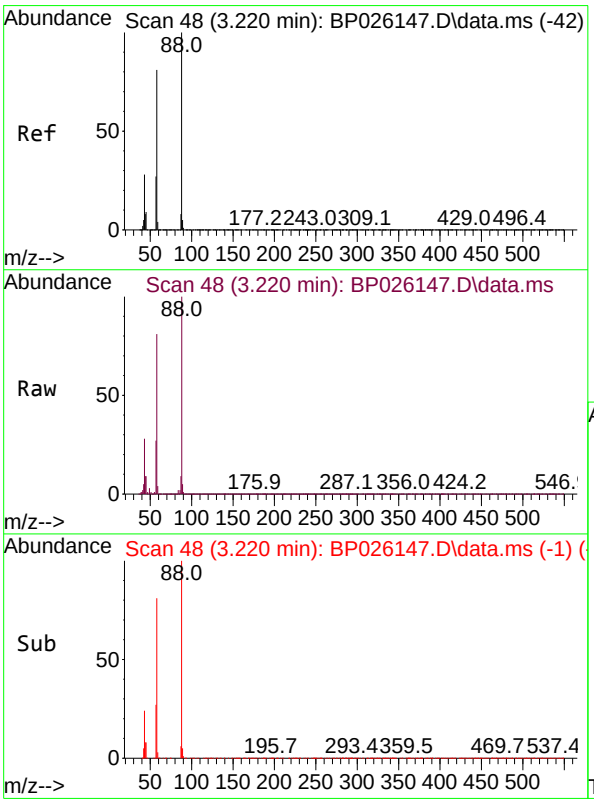
Ion	Ratio	Lower	Upper
152	100		
150	154.7	123.0	184.6
115	57.3	46.3	69.5



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

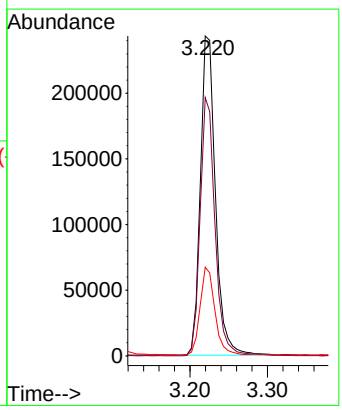
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

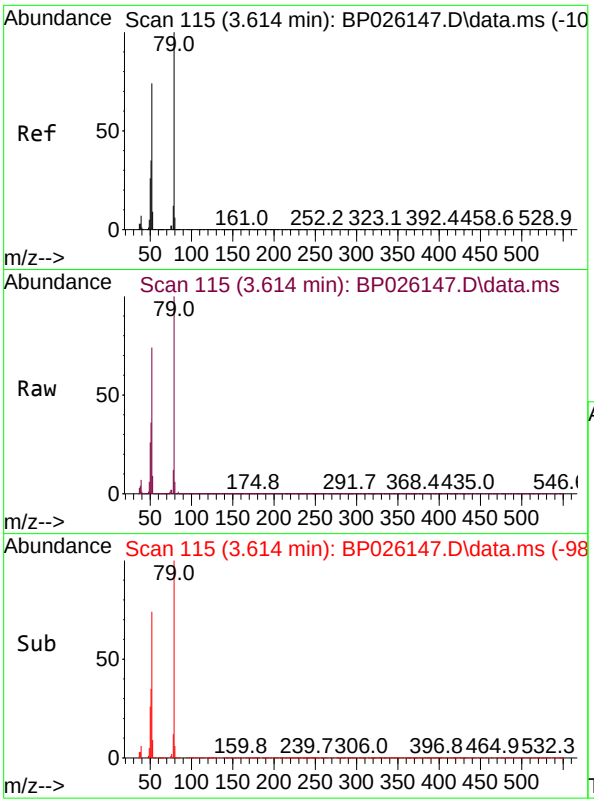


#2
1,4-Dioxane
Concen: 38.414 ng
RT: 3.220 min Scan# 48
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion: 88 Resp: 328478

Ion	Ratio	Lower	Upper
88	100		
58	80.0	64.2	96.4
43	26.9	21.5	32.3

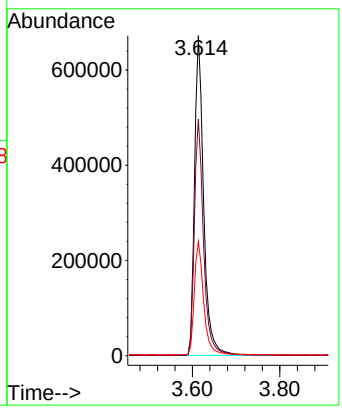




#3
Pyridine
Concen: 39.541 ng
RT: 3.614 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion: 79 Resp: 97470

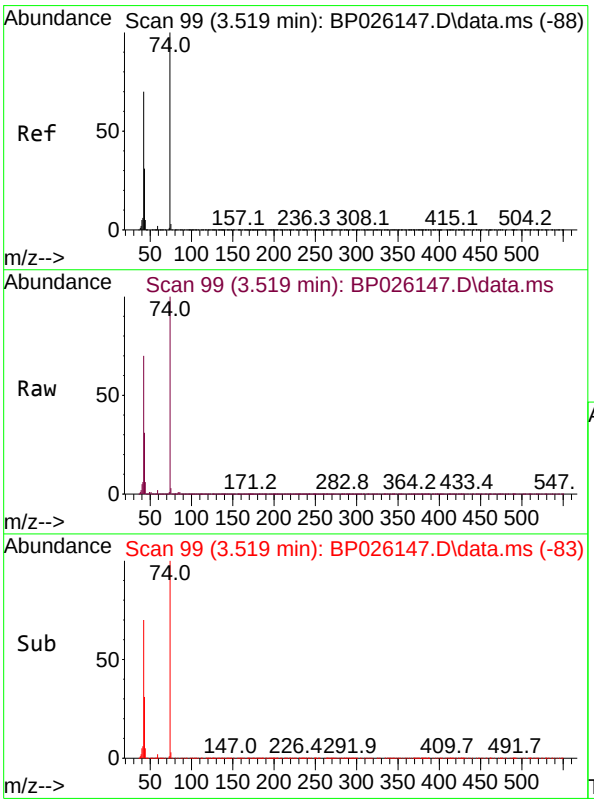
Ion	Ratio	Lower	Upper
79	100		
52	73.9	60.2	90.2
51	35.6	29.5	44.3



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

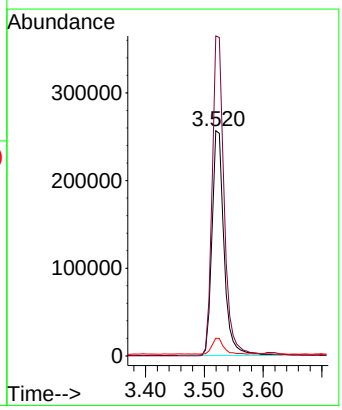
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

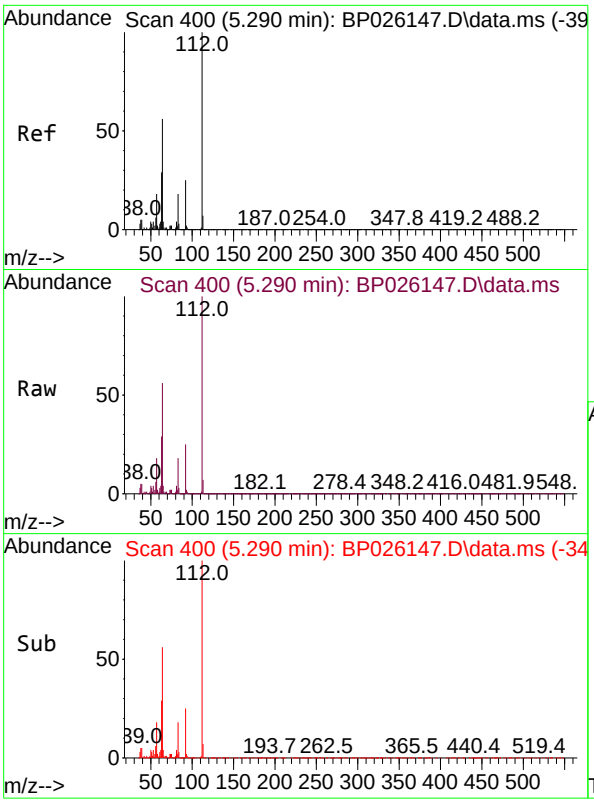


#4
n-Nitrosodimethylamine
Concen: 39.627 ng
RT: 3.519 min Scan# 99
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion: 42 Resp: 364054

Ion	Ratio	Lower	Upper
42	100		
74	142.1	118.1	177.1
44	7.9	6.2	9.4





#5
2-Fluorophenol
Concen: 79.895 ng
RT: 5.290 min Scan# 40
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

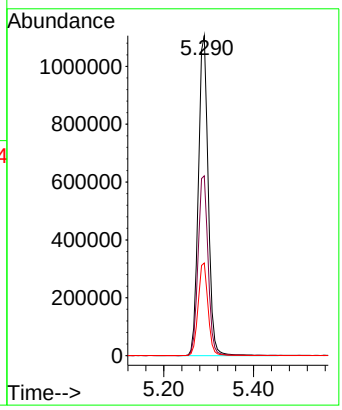
Tgt Ion:112 Resp: 167929

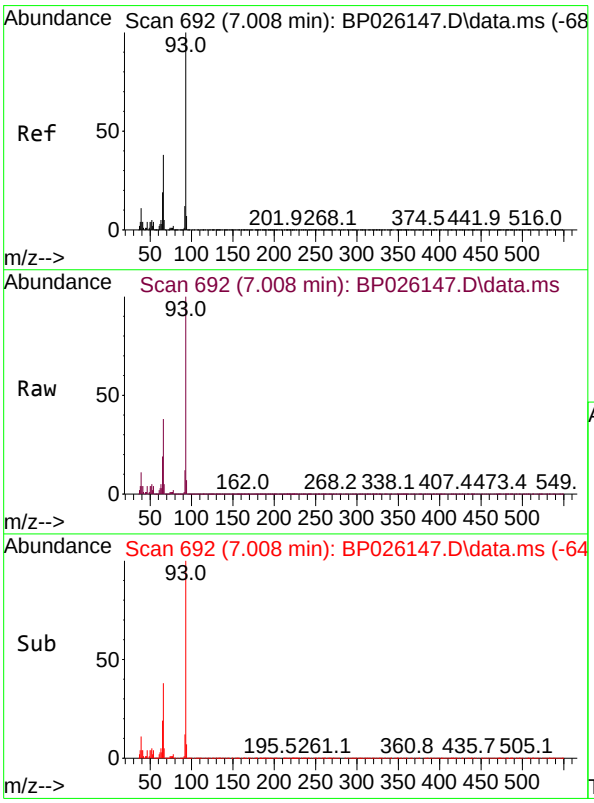
Ion	Ratio	Lower	Upper
112	100		
64	56.2	45.8	68.6
63	29.0	23.5	35.3

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

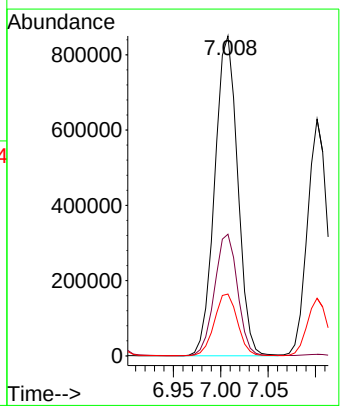


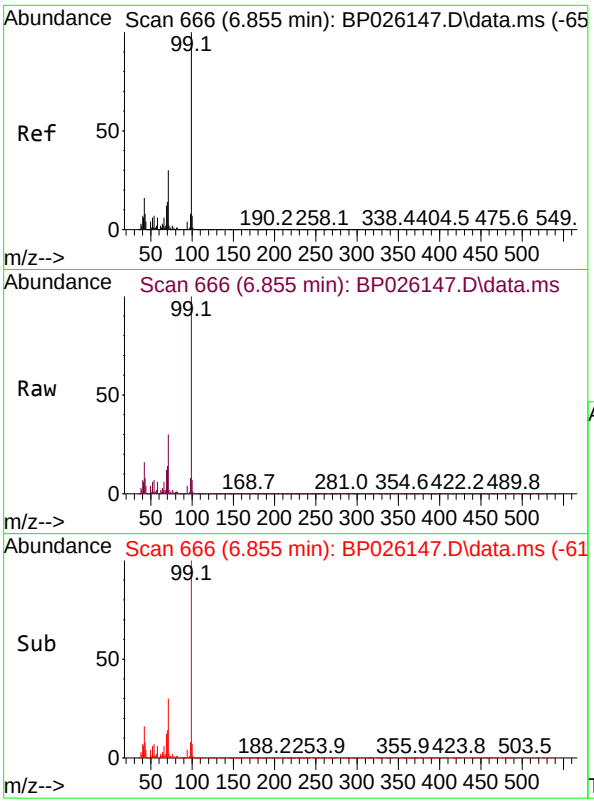


#6
Aniline
Concen: 40.575 ng
RT: 7.008 min Scan# 692
Delta R.T. 0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion: 93 Resp: 1431502

Ion	Ratio	Lower	Upper
93	100		
66	38.0	31.7	47.5
65	19.3	15.8	23.6

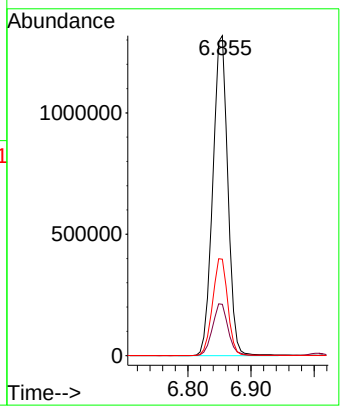




#7
Phenol-d6
Concen: 81.447 ng
RT: 6.855 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion: 99 Resp: 218129

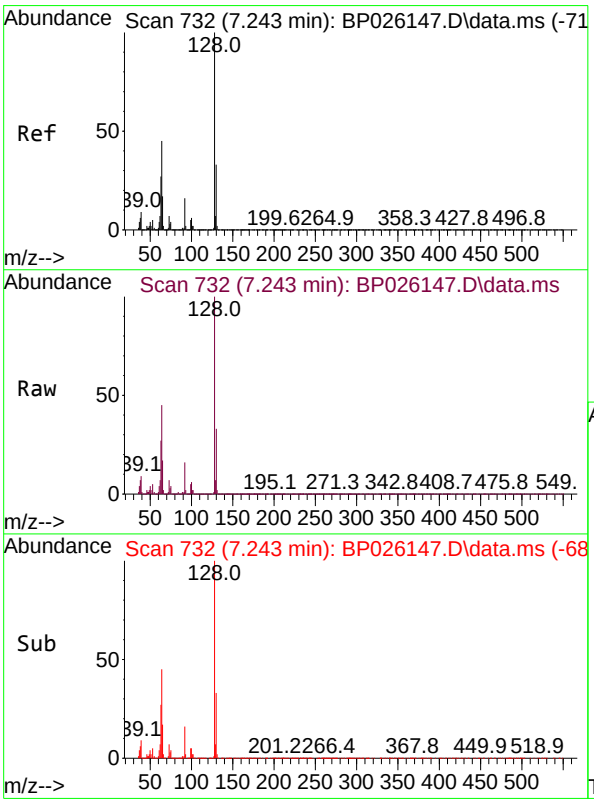
Ion	Ratio	Lower	Upper
99	100		
42	16.0	12.9	19.3
71	30.1	24.8	37.2



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

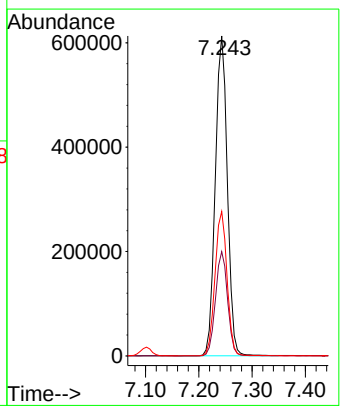
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

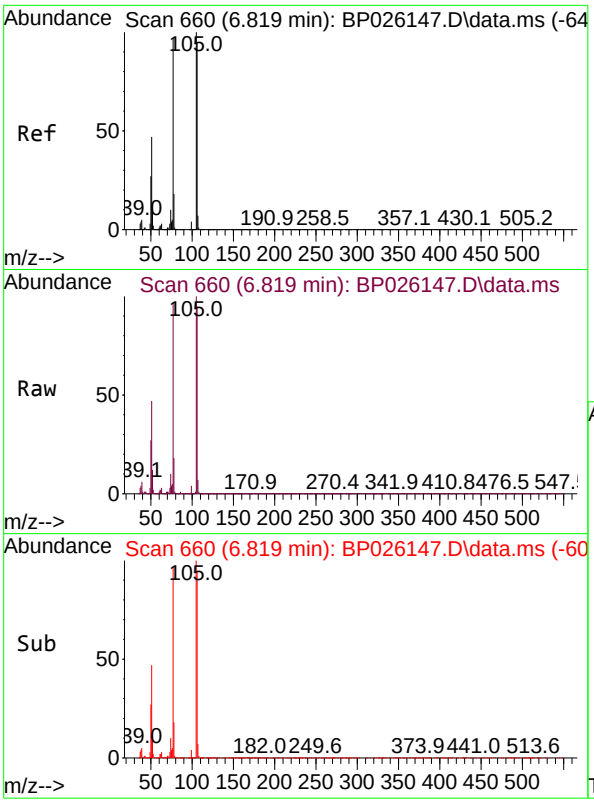


#8
2-Chlorophenol
Concen: 40.369 ng
RT: 7.243 min Scan# 732
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:128 Resp: 964995

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.4	52.4
64	45.2	23.9	63.9

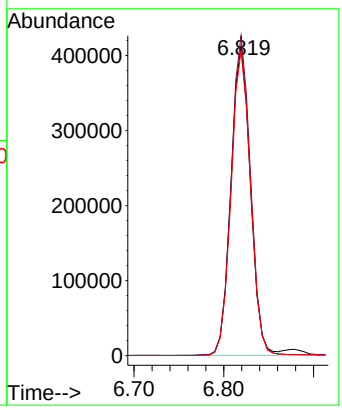




#9
Benzaldehyde
Concen: 53.939 ng
RT: 6.819 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion: 77 Resp: 62213

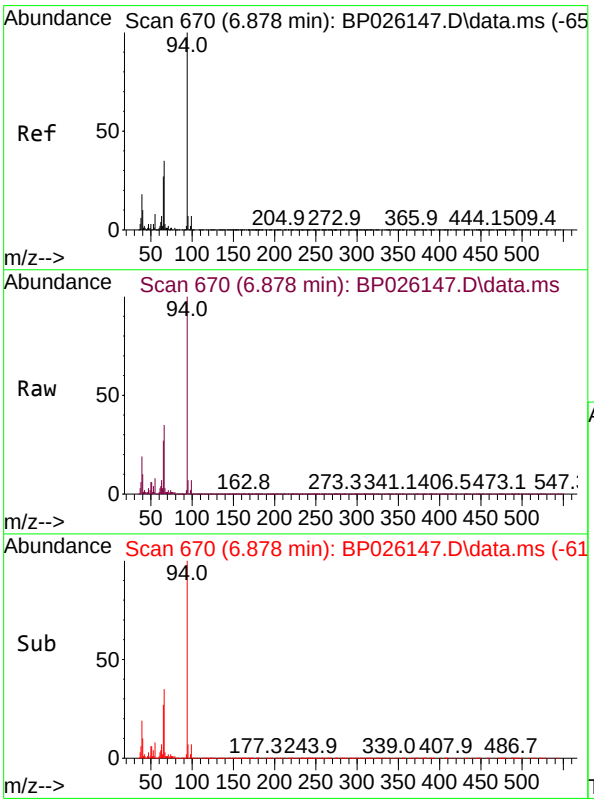
Ion	Ratio	Lower	Upper
77	100		
105	103.6	82.9	122.9
106	98.6	77.8	117.8



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

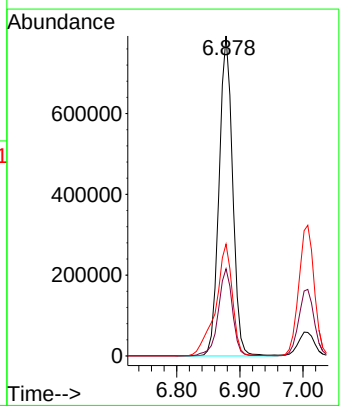
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

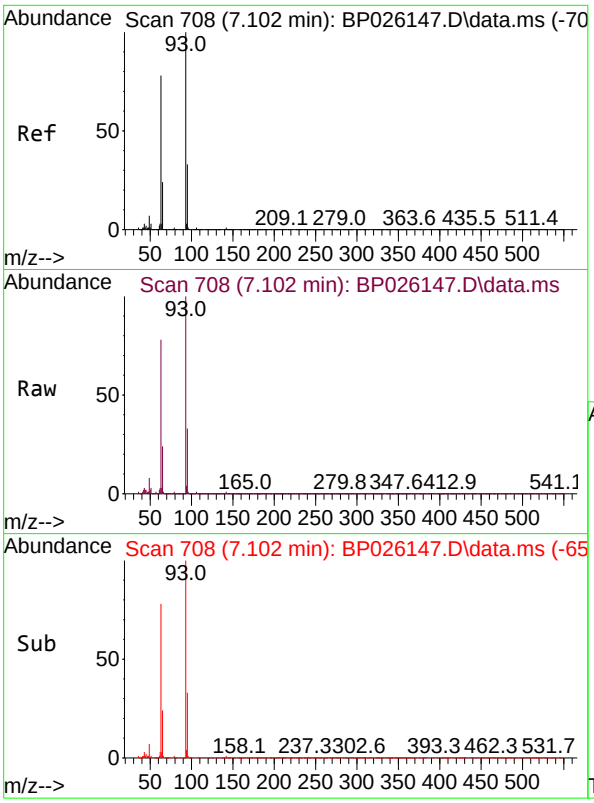


#10
Phenol
Concen: 40.869 ng
RT: 6.878 min Scan# 670
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion: 94 Resp: 1177853

Ion	Ratio	Lower	Upper
94	100		
65	27.2	7.0	47.0
66	34.9	14.5	54.5

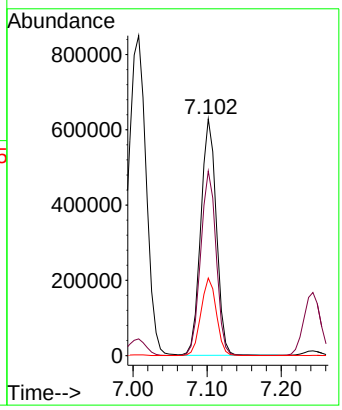




#11
bis(2-Chloroethyl)ether
Concen: 40.811 ng
RT: 7.102 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion: 93 Resp: 91777

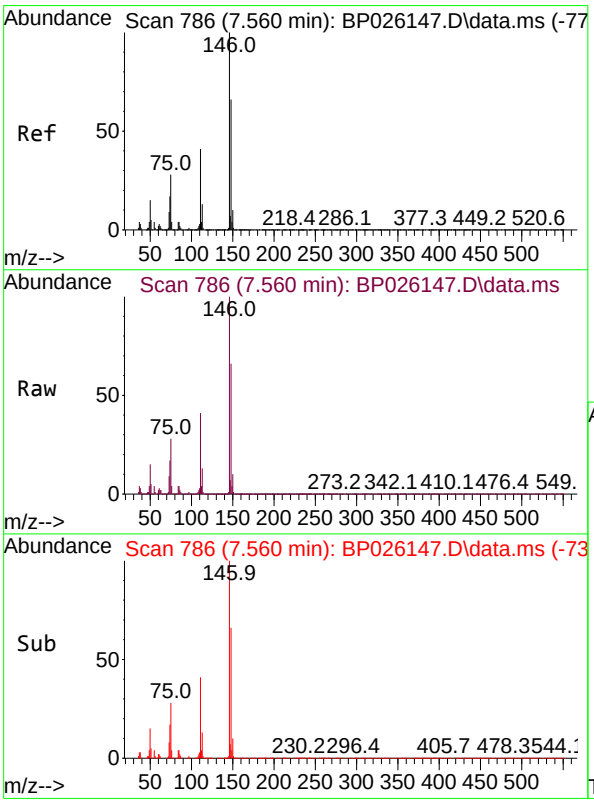
Ion	Ratio	Lower	Upper
93	100		
63	78.0	58.8	98.8
95	32.8	12.1	52.1



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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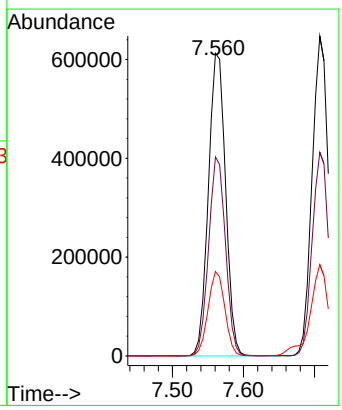
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

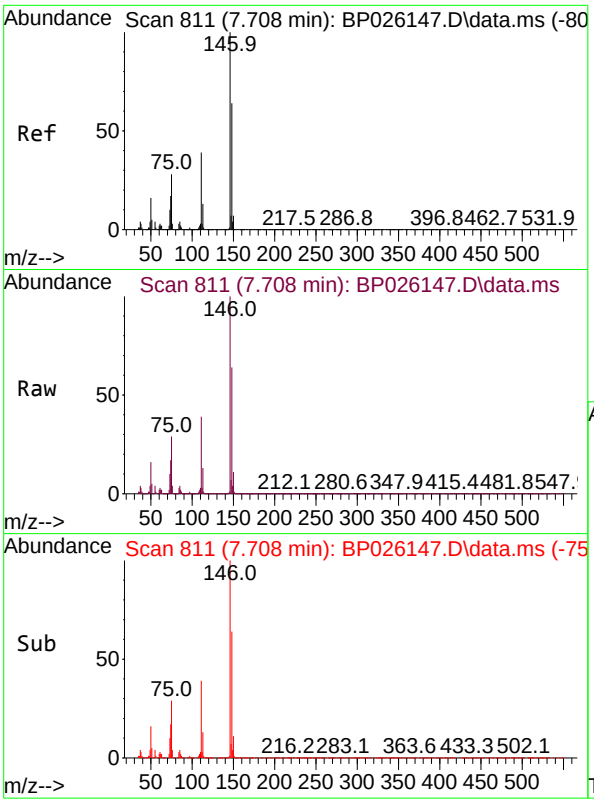


#12
1,3-Dichlorobenzene
Concen: 39.968 ng
RT: 7.560 min Scan# 786
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:146 Resp: 1028799

Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.8	77.8
75	27.9	22.2	33.2





#13
1,4-Dichlorobenzene
Concen: 40.071 ng
RT: 7.708 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

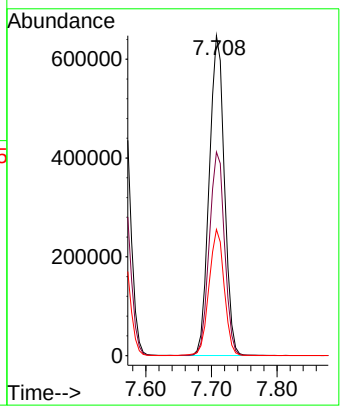
Tgt Ion:146 Resp: 103875

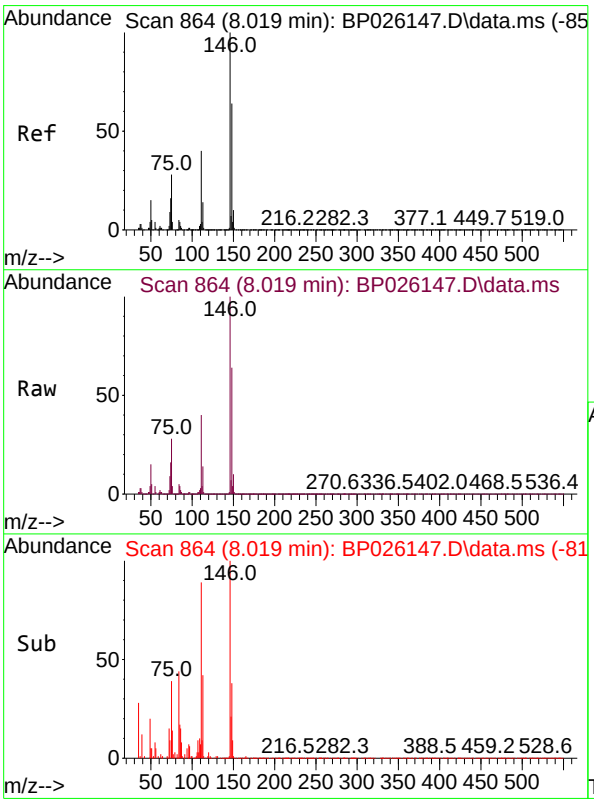
Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.4	77.2
111	39.4	31.7	47.5

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

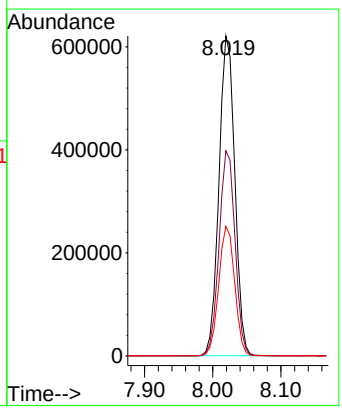


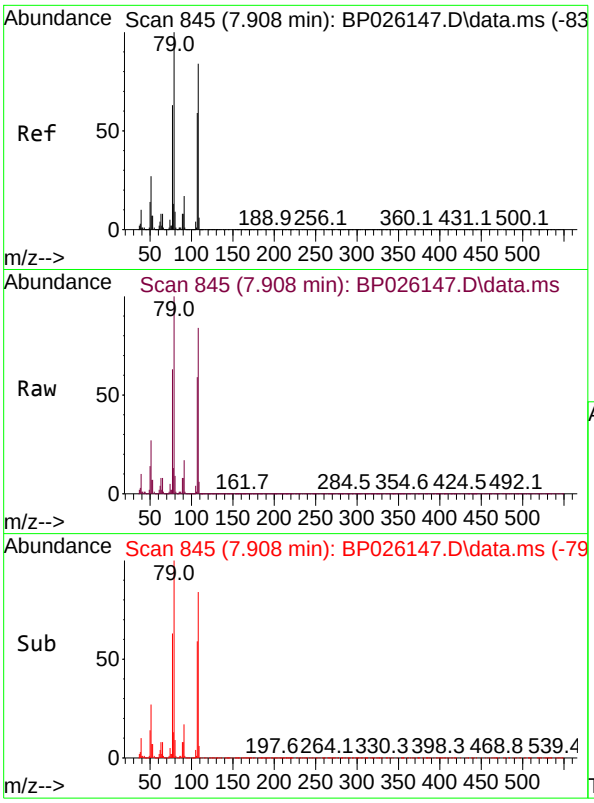


#14
1,2-Dichlorobenzene
Concen: 39.996 ng
RT: 8.019 min Scan# 864
Delta R.T. 0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:146 Resp: 997382

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.0	76.6
111	40.5	33.0	49.4





#15
Benzyl Alcohol
Concen: 40.874 ng
RT: 7.908 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

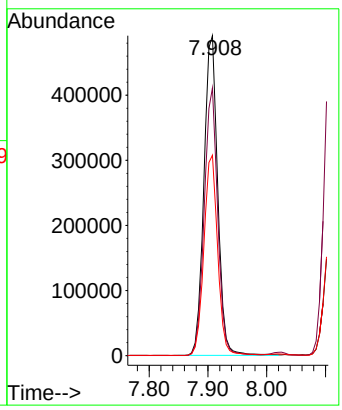
Tgt Ion: 79 Resp: 80097

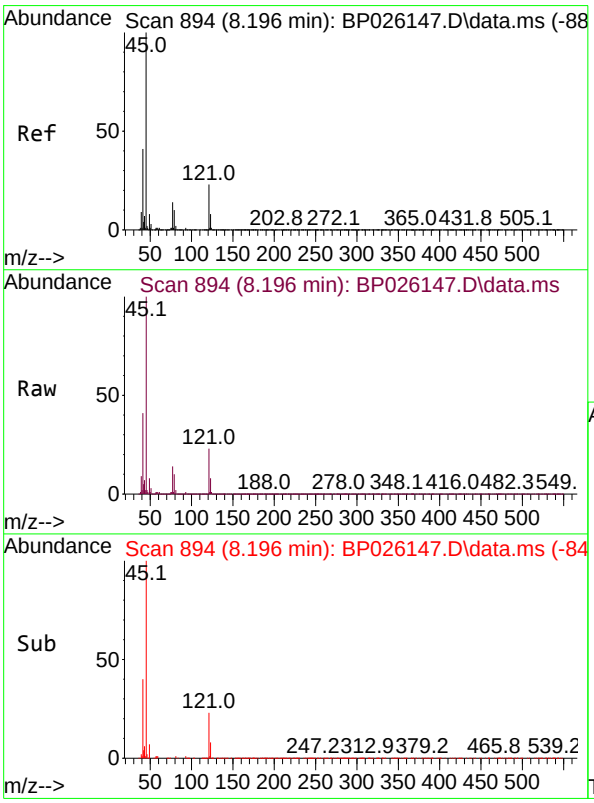
Ion	Ratio	Lower	Upper
79	100		
108	83.6	66.2	99.4
77	62.6	50.0	75.0

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

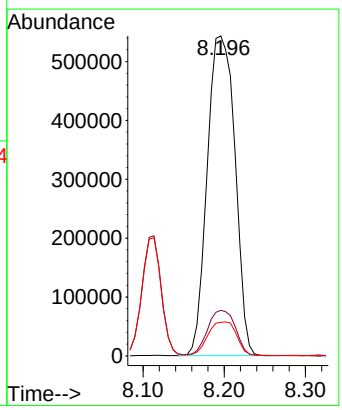


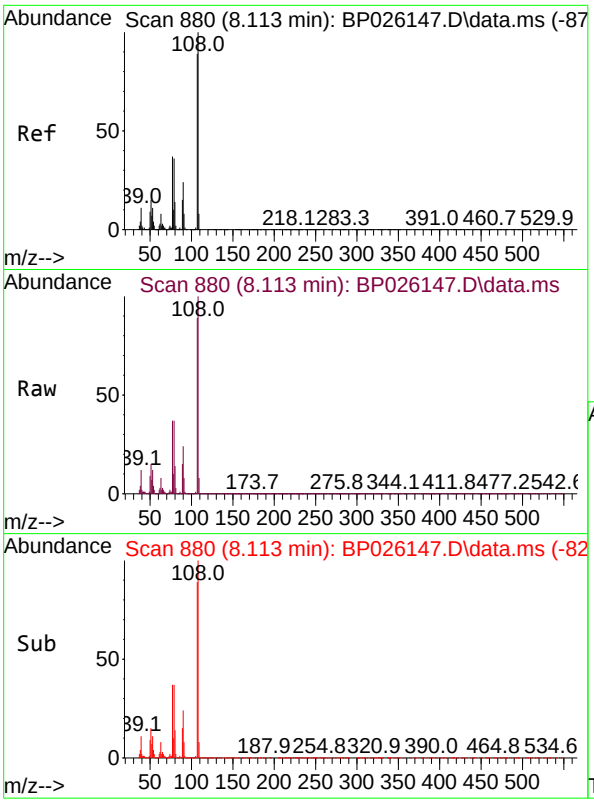


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.615 ng
RT: 8.196 min Scan# 894
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion: 45 Resp: 1291371

Ion	Ratio	Lower	Upper
45	100		
77	14.2	0.0	33.9
79	10.5	0.0	30.4

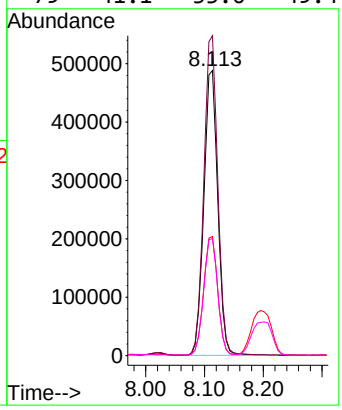




#17
2-Methylphenol
Concen: 41.076 ng
RT: 8.113 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:107 Resp: 80624

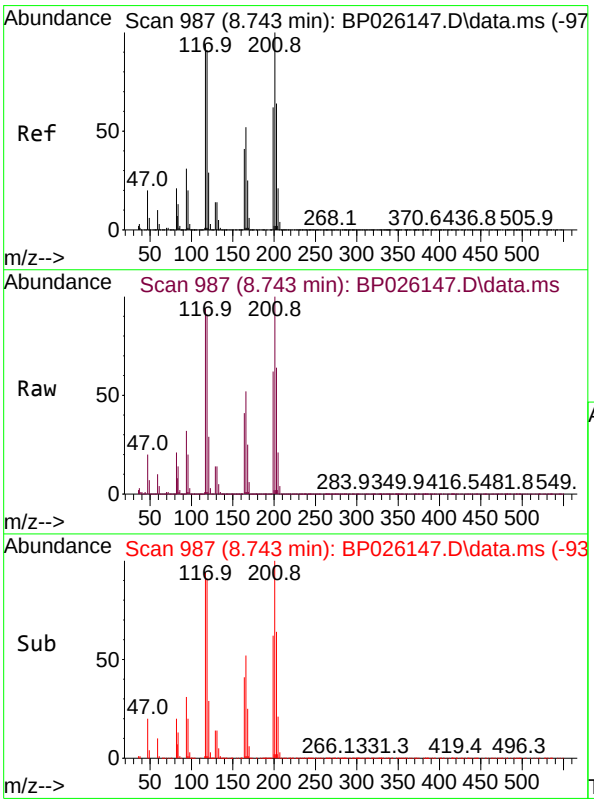
Ion	Ratio	Lower	Upper
107	100		
108	112.2	89.7	134.5
77	41.8	33.9	50.9
79	41.1	33.0	49.4



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
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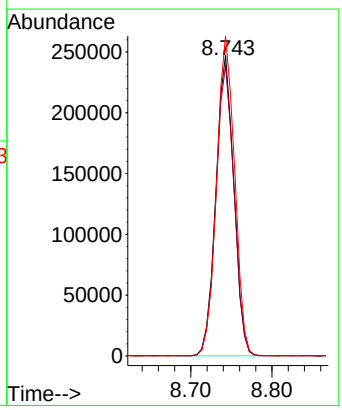
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

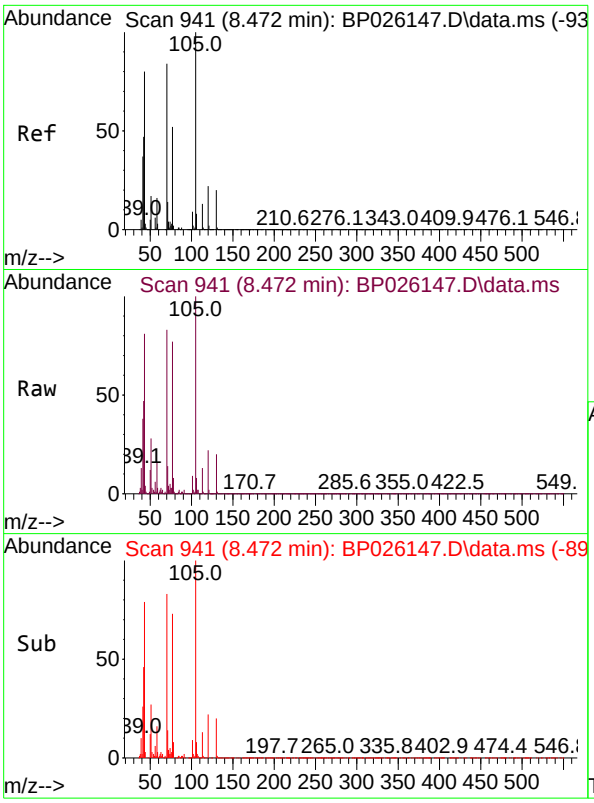


#18
Hexachloroethane
Concen: 40.305 ng
RT: 8.743 min Scan# 987
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:117 Resp: 380794

Ion	Ratio	Lower	Upper
117	100		
119	96.4	78.7	118.1
201	106.4	85.1	127.7

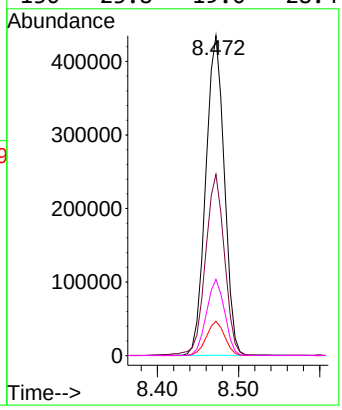




#19
n-Nitroso-di-n-propylamine
Concen: 41.414 ng
RT: 8.472 min Scan# 94
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion: 70 Resp: 690711

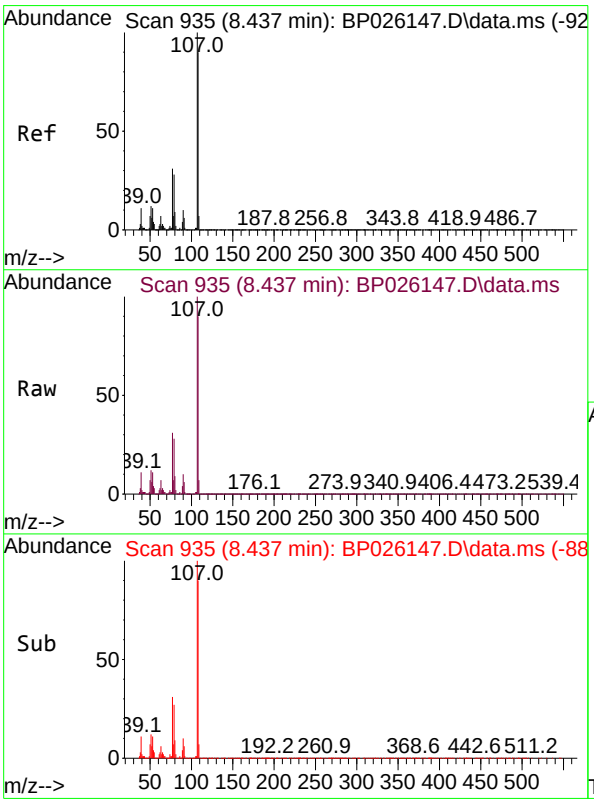
Ion	Ratio	Lower	Upper
70	100		
42	56.6	44.1	66.1
101	10.8	8.2	12.4
130	23.8	19.0	28.4



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
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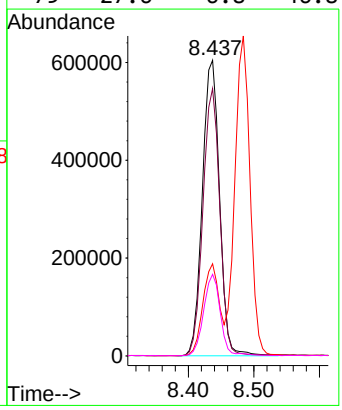
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

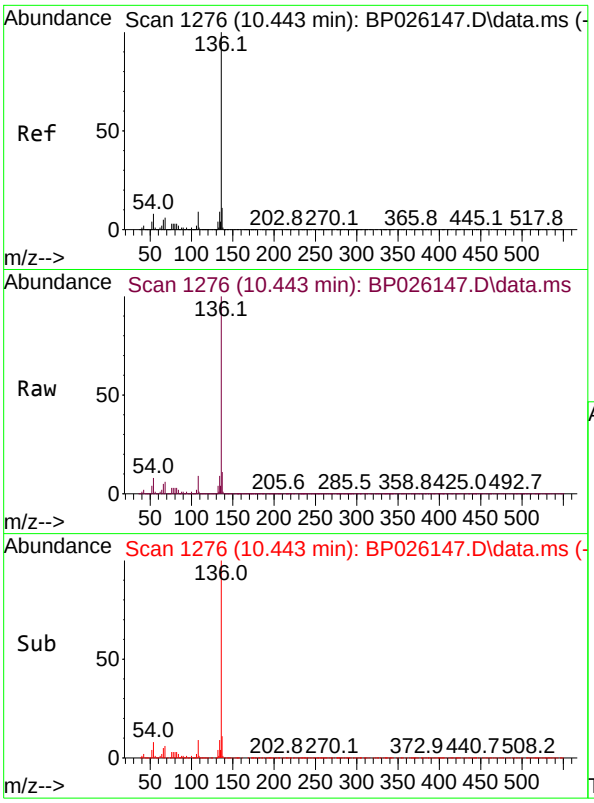


#20
3+4-Methylphenols
Concen: 40.127 ng
RT: 8.437 min Scan# 935
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:107 Resp: 1095272

Ion	Ratio	Lower	Upper
107	100		
108	90.4	68.9	108.9
77	31.1	10.4	50.4
79	27.6	6.8	46.8

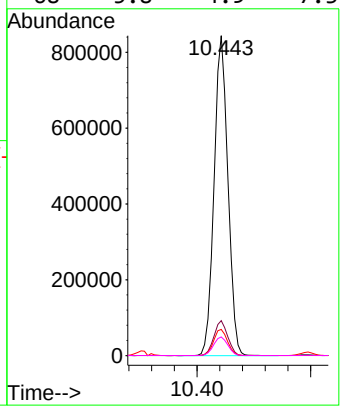




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:136 Resp: 142093

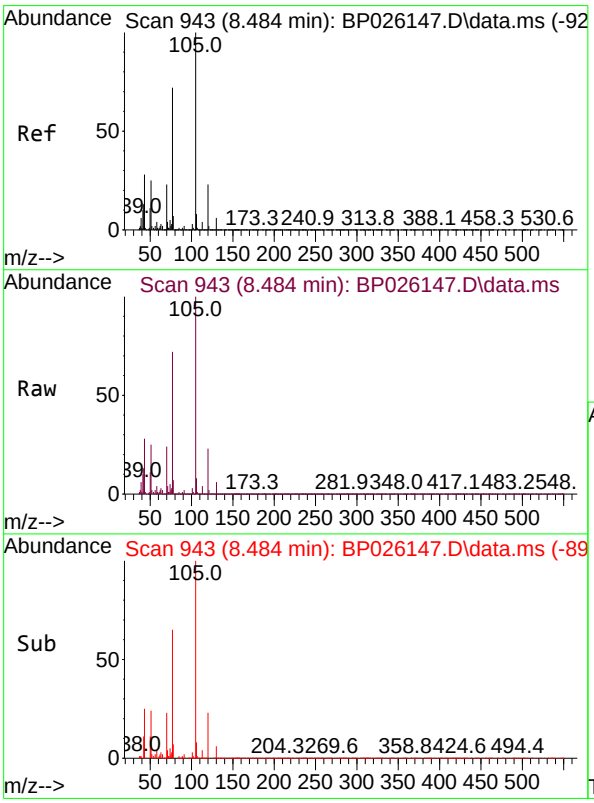
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	8.2	6.4	9.6
68	5.8	4.9	7.3



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
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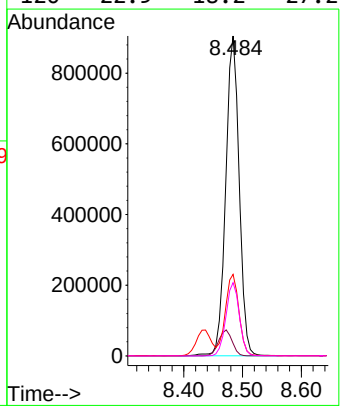
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

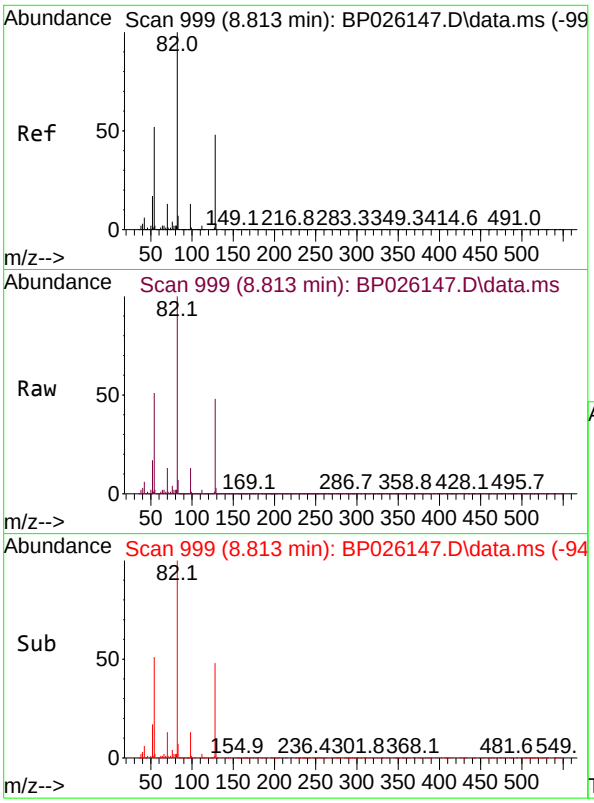


#22
Acetophenone
Concen: 39.828 ng
RT: 8.484 min Scan# 943
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:105 Resp: 1439776

Ion	Ratio	Lower	Upper
105	100		
71	3.9	3.0	4.4
51	25.5	20.5	30.7
120	22.9	18.2	27.2

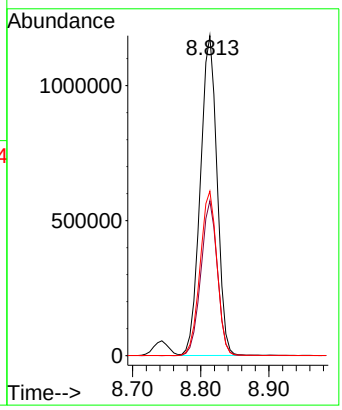




#23
Nitrobenzene-d5
Concen: 80.578 ng
RT: 8.813 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion: 82 Resp: 201889

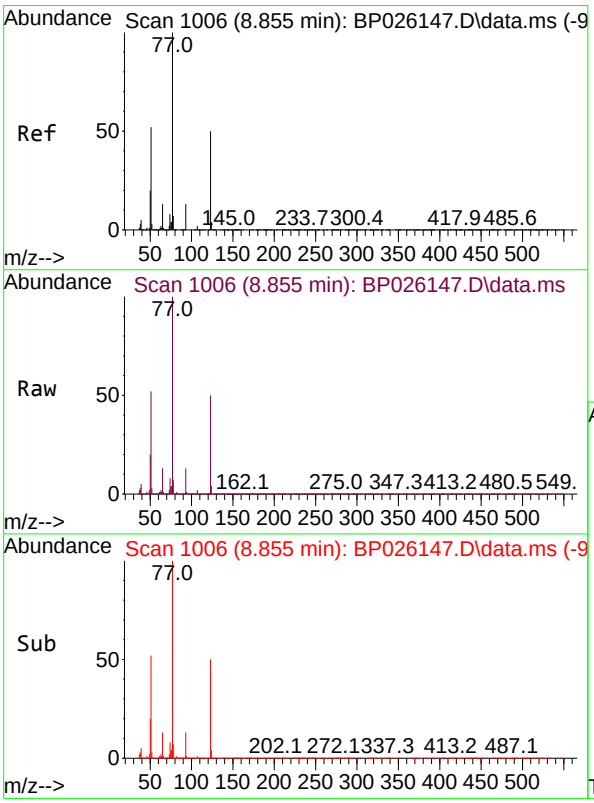
Ion	Ratio	Lower	Upper
82	100		
128	48.4	37.4	56.0
54	51.4	41.6	62.4



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
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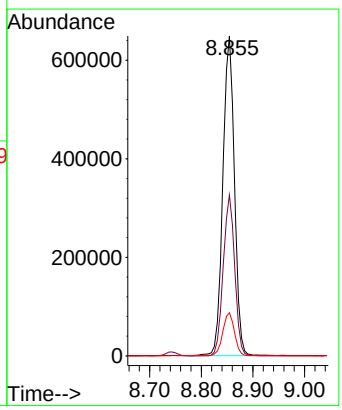
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

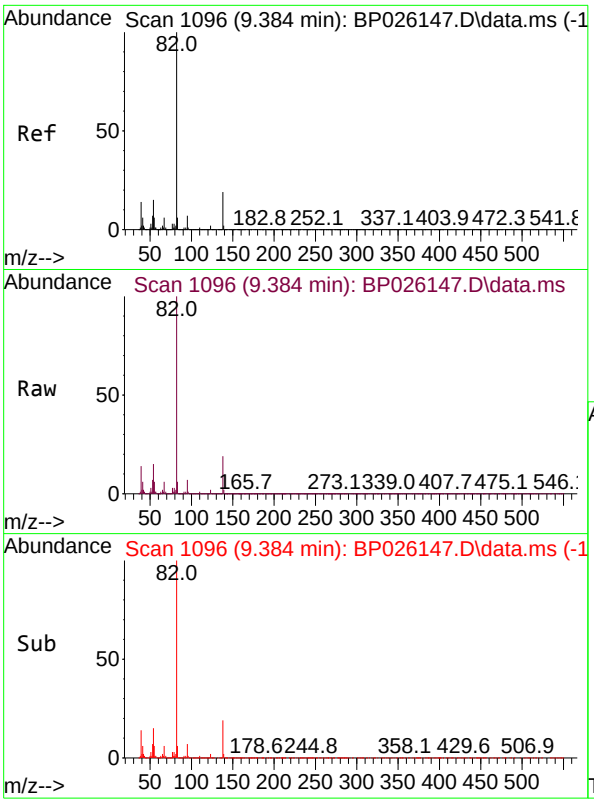


#24
Nitrobenzene
Concen: 40.240 ng
RT: 8.855 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion: 77 Resp: 1020382

Ion	Ratio	Lower	Upper
77	100		
123	50.3	39.8	59.8
65	13.5	11.2	16.8

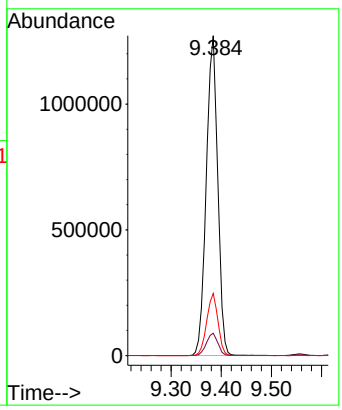




#25
Isophorone
Concen: 40.551 ng
RT: 9.384 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion: 82 Resp: 201732

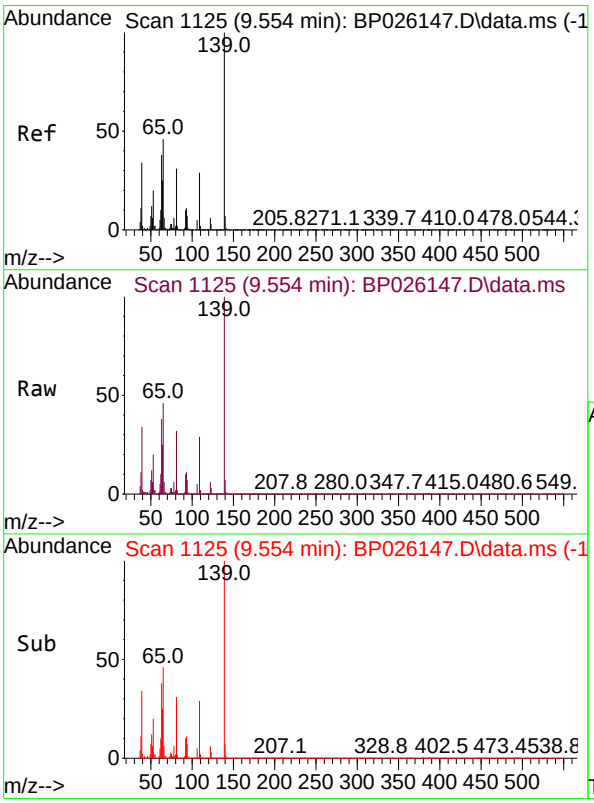
Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.4	8.0
138	19.4	15.4	23.0



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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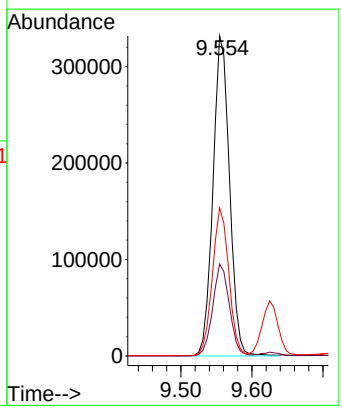
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

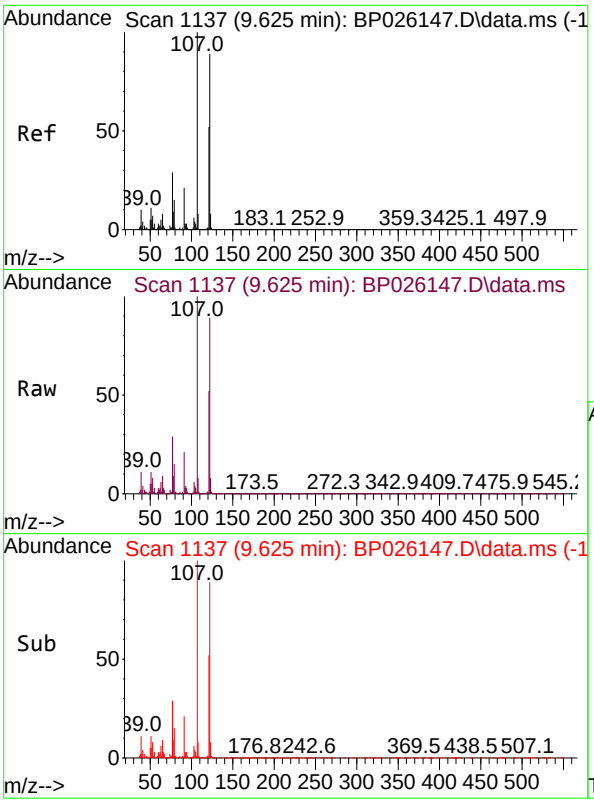


#26
2-Nitrophenol
Concen: 42.012 ng
RT: 9.554 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:139 Resp: 537109

Ion	Ratio	Lower	Upper
139	100		
109	28.7	22.3	33.5
65	46.2	37.2	55.8

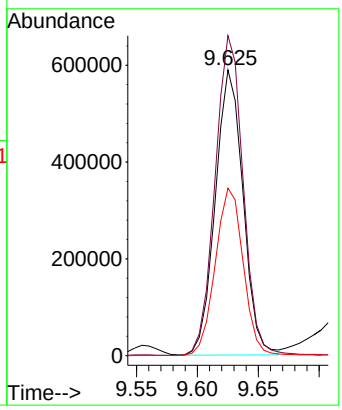




#27
2,4-Dimethylphenol
Concen: 40.271 ng
RT: 9.625 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:122 Resp: 93272

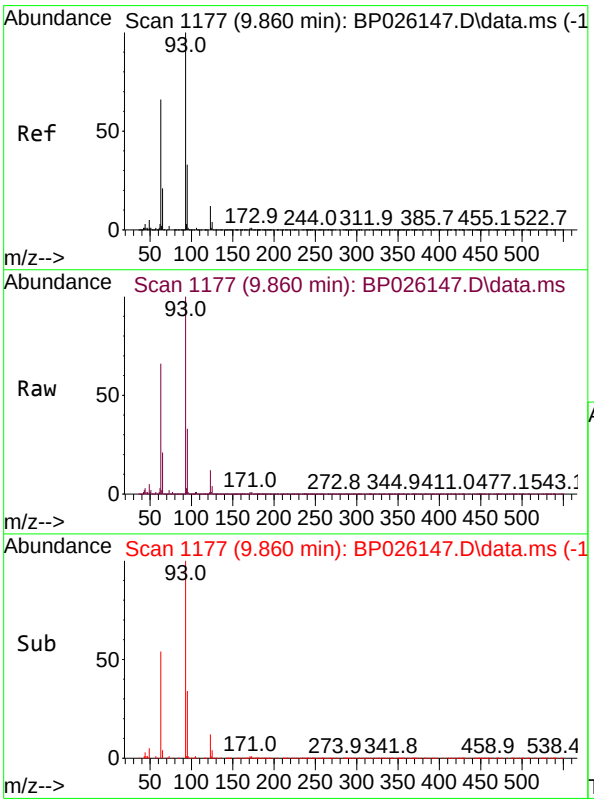
Ion	Ratio	Lower	Upper
122	100		
107	112.0	91.0	136.6
121	58.6	47.0	70.6



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
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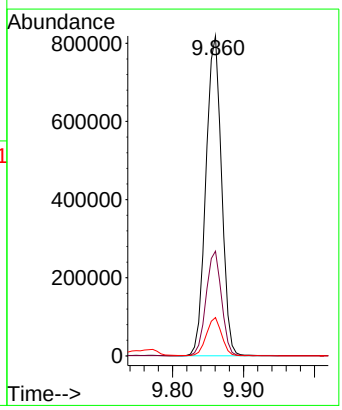
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

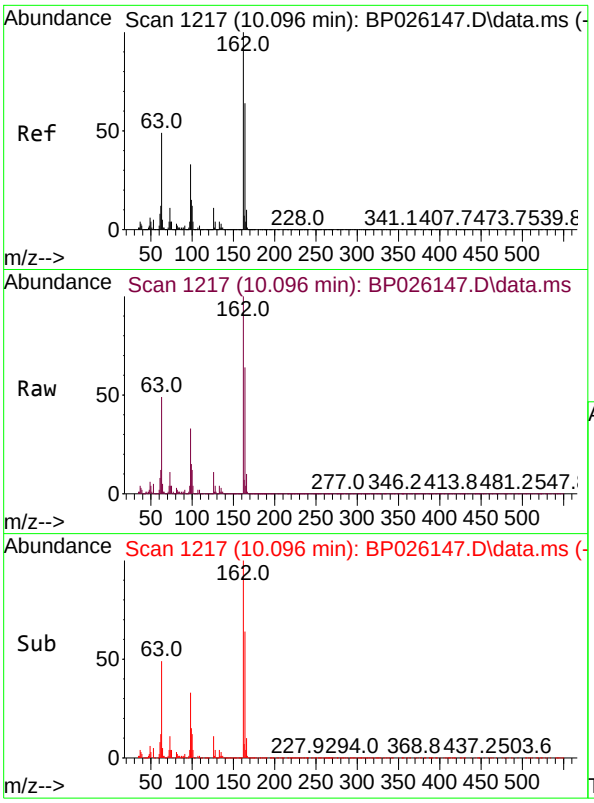


#28
bis(2-Chloroethoxy)methane
Concen: 40.045 ng
RT: 9.860 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion: 93 Resp: 1247327

Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.4	39.6
123	12.0	9.4	14.0

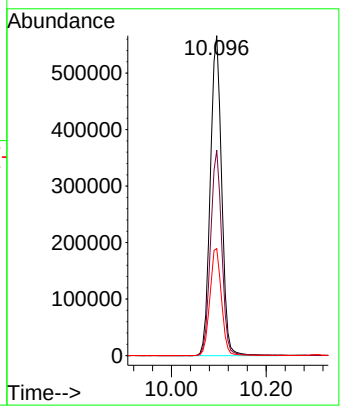




#29
2,4-Dichlorophenol
Concen: 40.740 ng
RT: 10.096 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:162 Resp: 94012

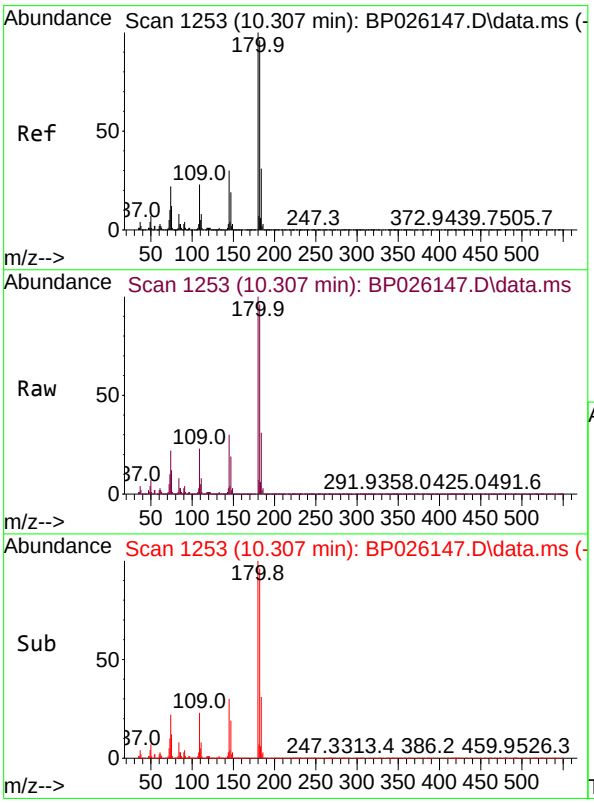
Ion	Ratio	Lower	Upper
162	100		
164	64.2	43.8	83.8
98	33.4	14.1	54.1



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

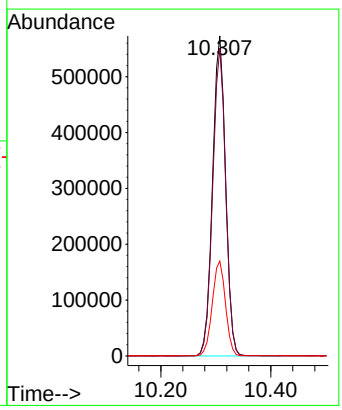
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

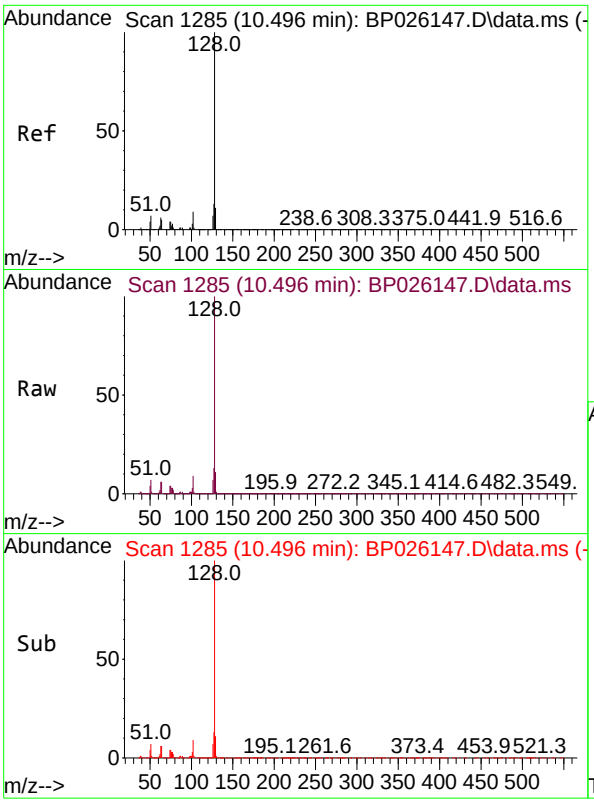


#30
1,2,4-Trichlorobenzene
Concen: 39.912 ng
RT: 10.307 min Scan# 1253
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:180 Resp: 938571

Ion	Ratio	Lower	Upper
180	100		
182	96.2	78.1	117.1
145	29.6	24.2	36.4

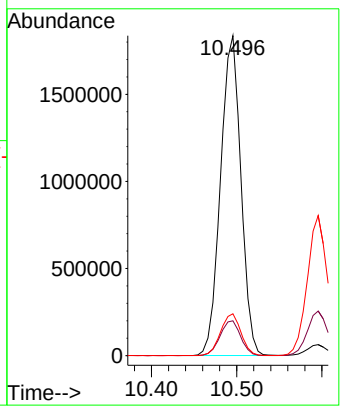




#31
Naphthalene
Concen: 39.513 ng
RT: 10.496 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:128 Resp: 304867

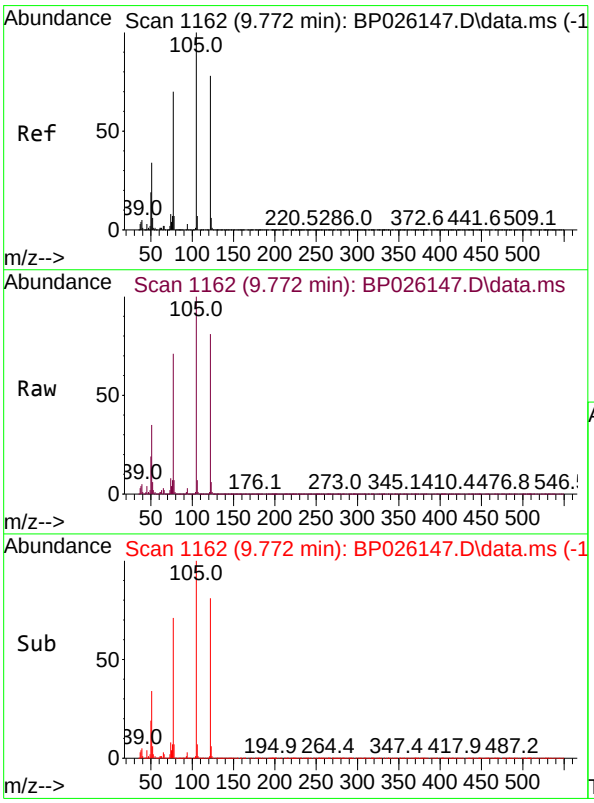
Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.6
127	13.1	10.2	15.4



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
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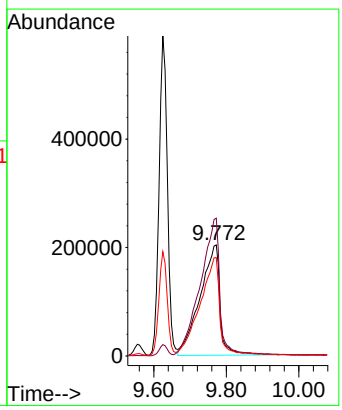
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

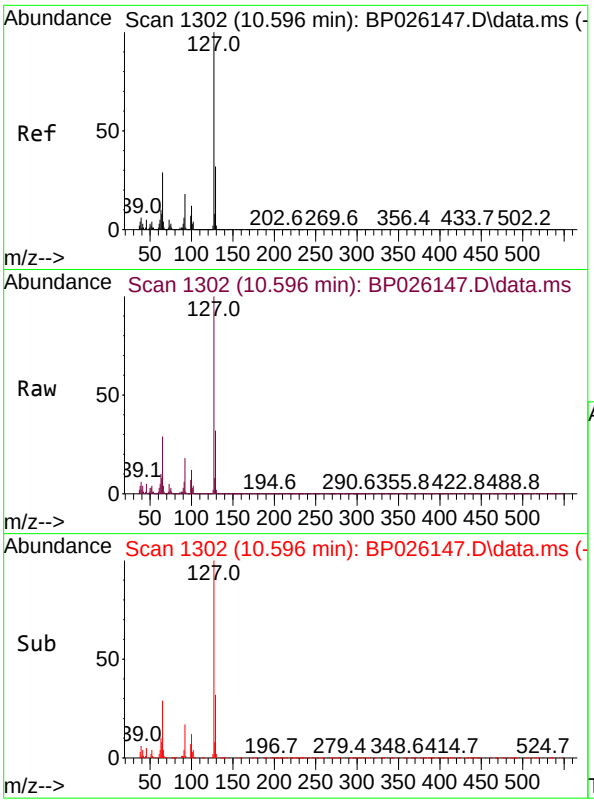


#32
Benzoic acid
Concen: 42.116 ng
RT: 9.772 min Scan# 1162
Delta R.T. 0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:122 Resp: 784823

Ion	Ratio	Lower	Upper
122	100		
105	124.0	100.1	140.1
77	88.5	66.7	106.7

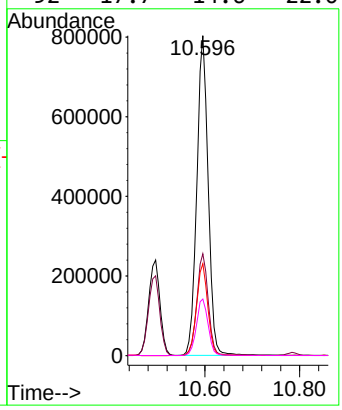




#33
4-Chloroaniline
Concen: 40.923 ng
RT: 10.596 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:127 Resp: 134027

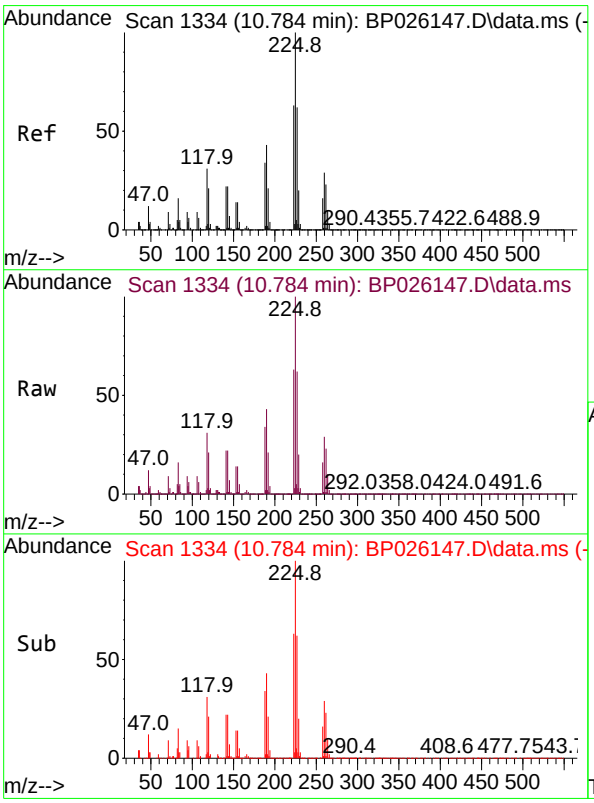
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.8	38.8
65	28.7	22.7	34.1
92	17.7	14.6	22.0



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
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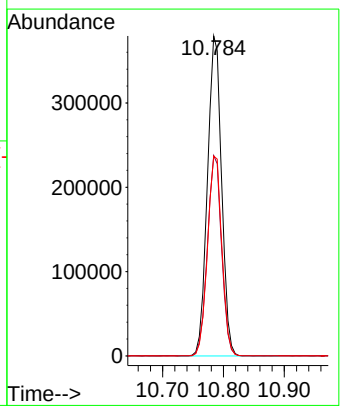
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

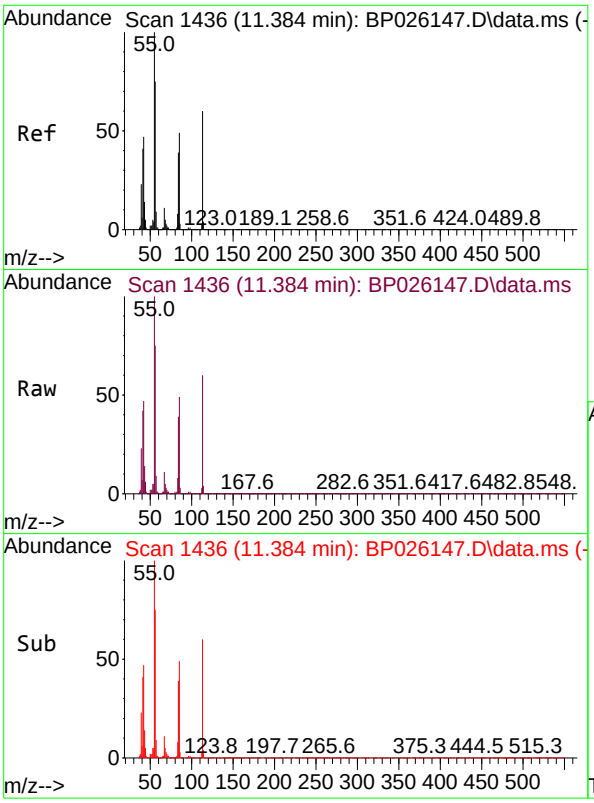


#34
Hexachlorobutadiene
Concen: 39.893 ng
RT: 10.784 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:225 Resp: 610384

Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.6	74.4
227	62.4	51.2	76.8





#35
Caprolactam
Concen: 40.168 ng
RT: 11.384 min Scan# 14
Delta R.T. 0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

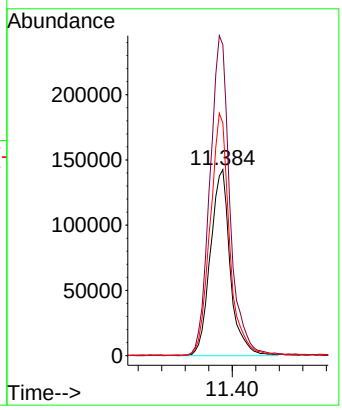
Tgt Ion:113 Resp: 33378

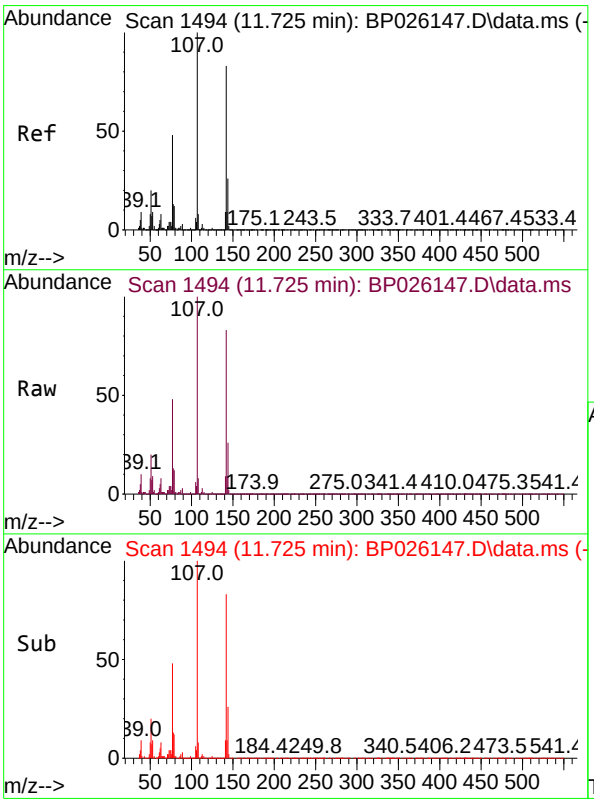
Ion	Ratio	Lower	Upper
113	100		
55	167.2	153.0	193.0
56	125.0	106.4	146.4

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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Reviewed By :Jagrut Upadhyay 11/19/2025
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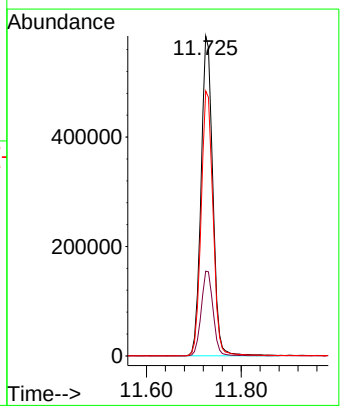


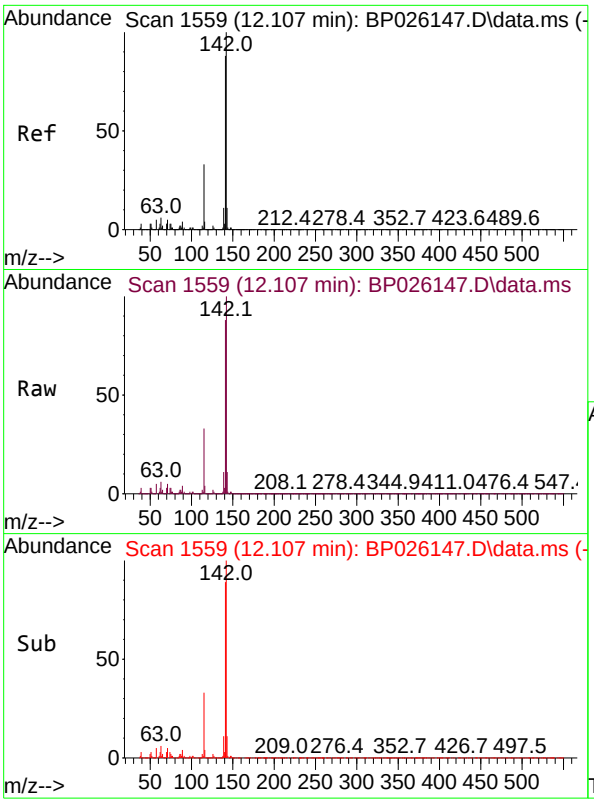


#36
4-Chloro-3-methylphenol
Concen: 40.975 ng
RT: 11.725 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:107 Resp: 1006010

Ion	Ratio	Lower	Upper
107	100		
144	26.5	21.6	32.4
142	82.8	65.6	98.4





#37
2-Methylnaphthalene
Concen: 40.223 ng
RT: 12.107 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

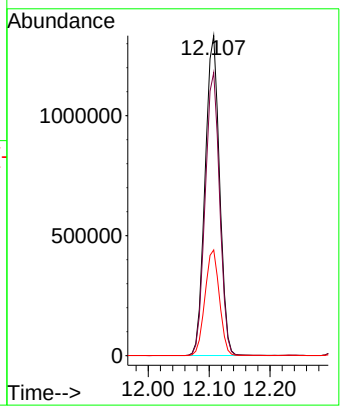
Tgt Ion:142 Resp: 219665

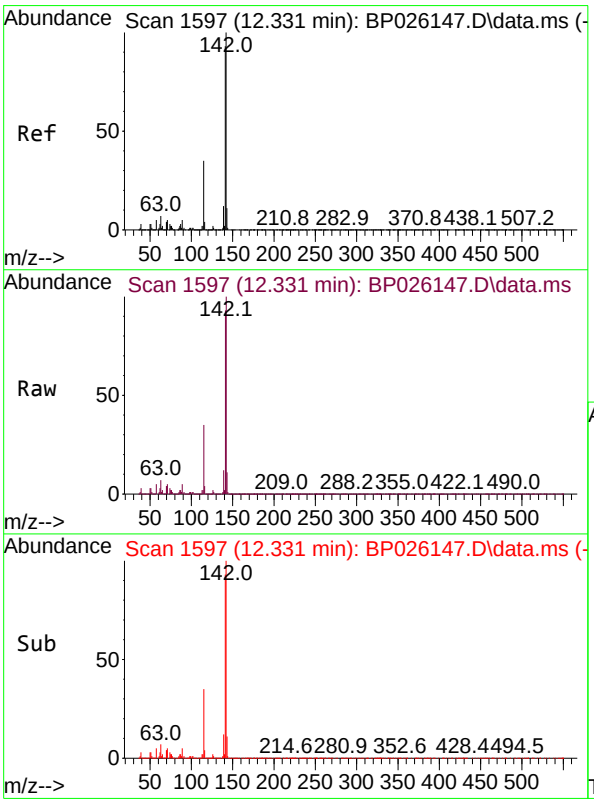
Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.0	106.6
115	33.0	26.6	39.8

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

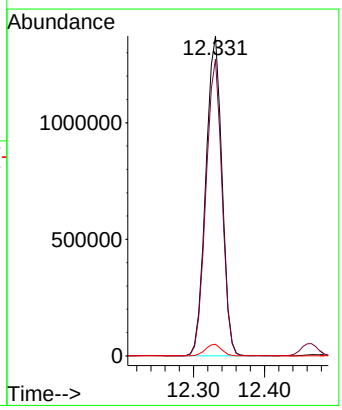


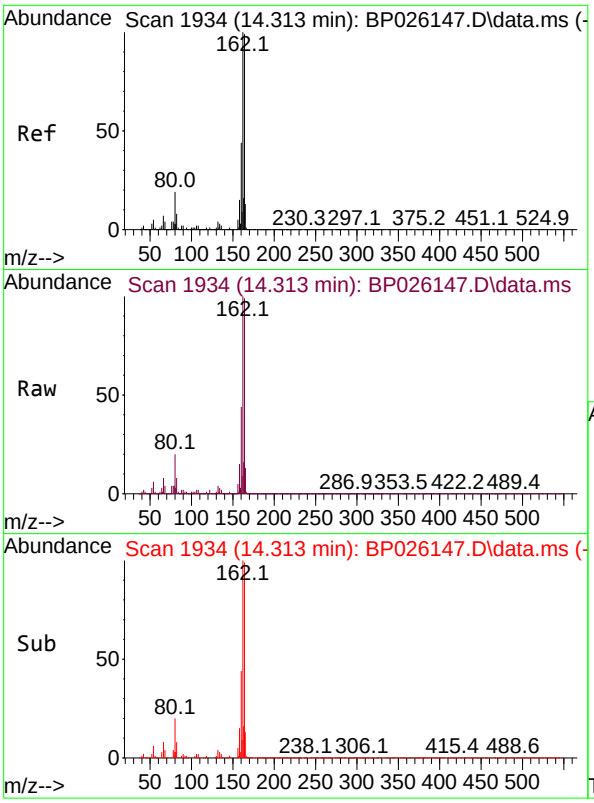


#38
1-Methylnaphthalene
Concen: 40.554 ng
RT: 12.331 min Scan# 1597
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:142 Resp: 2167022

Ion	Ratio	Lower	Upper
142	100		
141	92.7	73.5	110.3
116	3.6	3.0	4.4

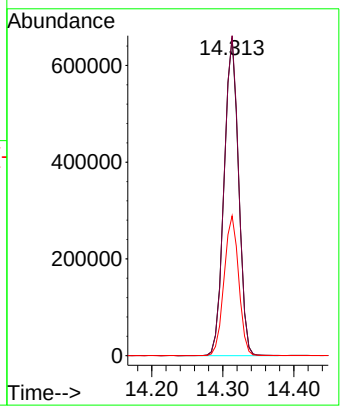




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 19
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:164 Resp: 933300

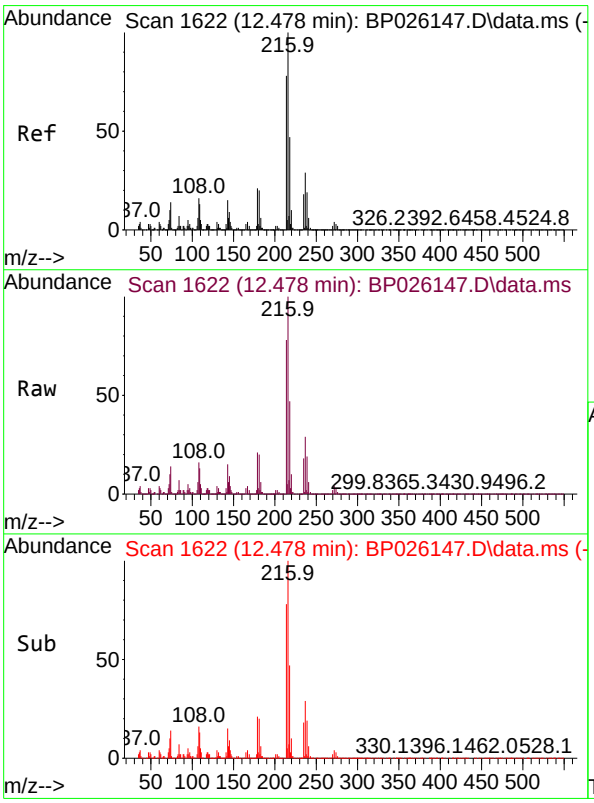
Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.3	120.5
160	43.9	35.2	52.8



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
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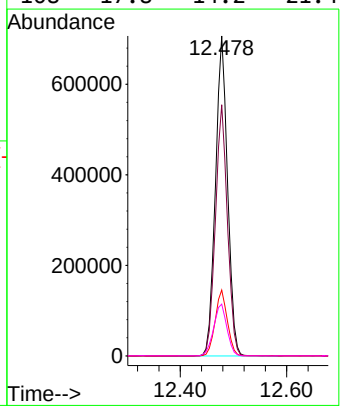
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

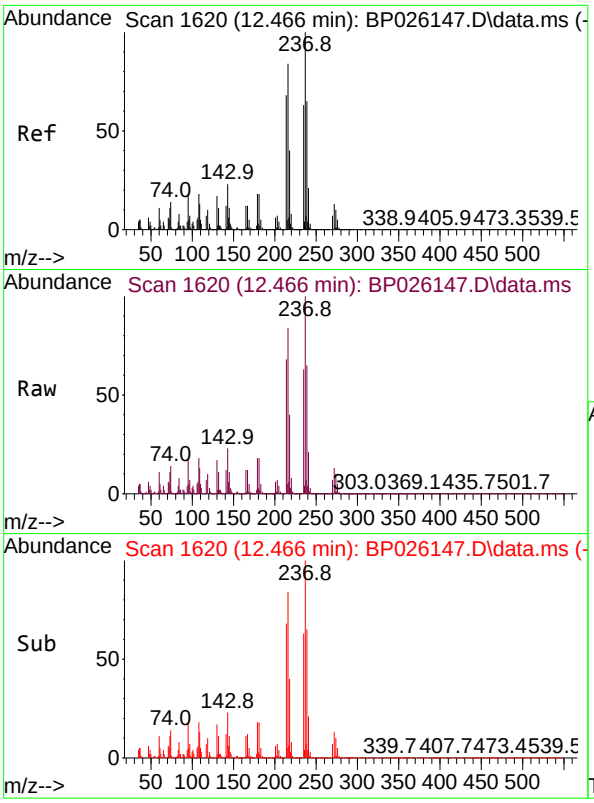


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.601 ng
RT: 12.478 min Scan# 1622
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:216 Resp: 1113781

Ion	Ratio	Lower	Upper
216	100		
214	78.1	62.6	94.0
179	20.6	16.6	25.0
108	17.8	14.2	21.4

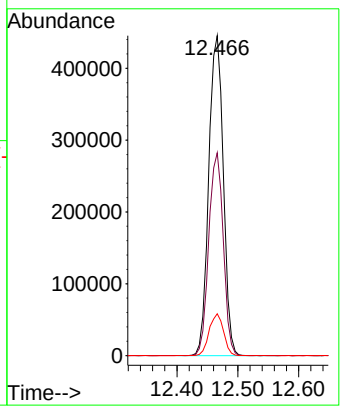




#41
Hexachlorocyclopentadiene
Concen: 40.264 ng
RT: 12.466 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:237 Resp: 73912

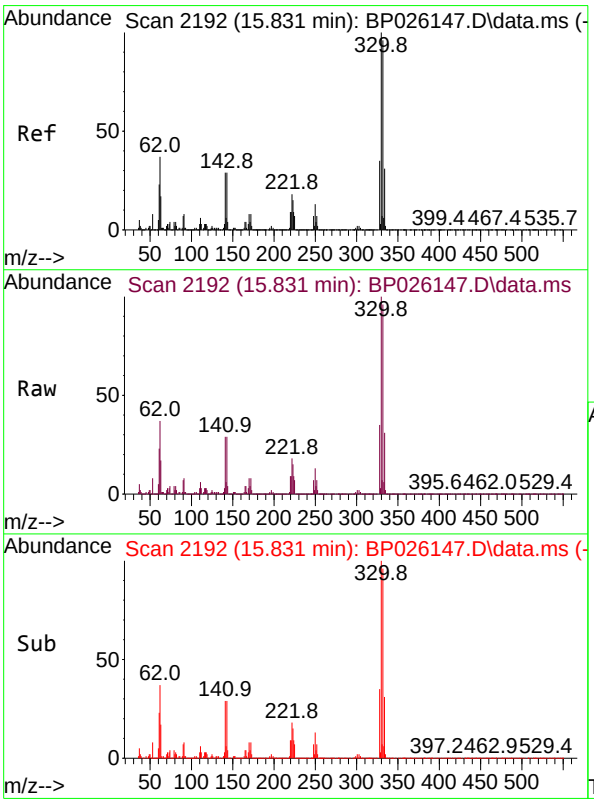
Ion	Ratio	Lower	Upper
237	100		
235	63.4	43.3	83.3
272	13.1	0.0	32.9



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
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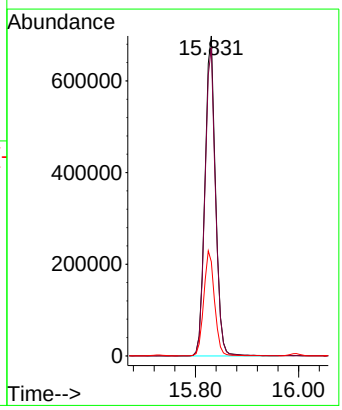
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

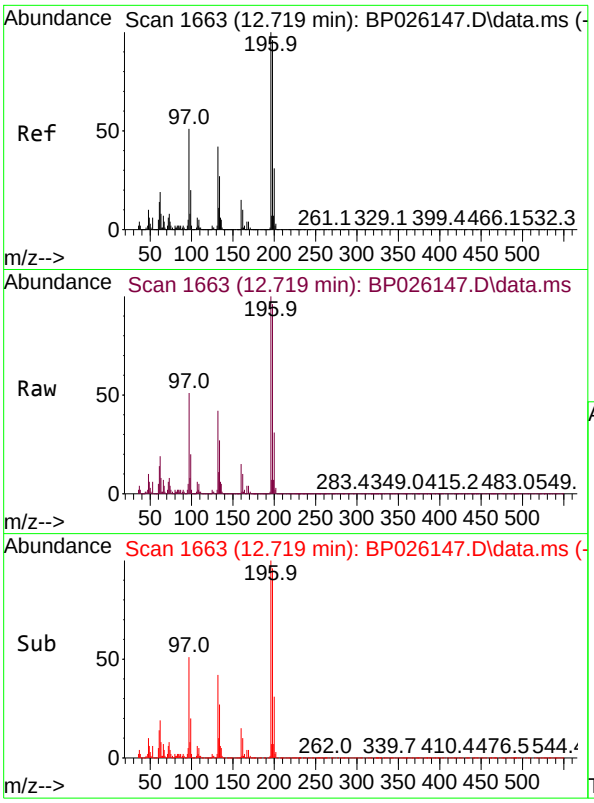


#42
2,4,6-Tribromophenol
Concen: 81.498 ng
RT: 15.831 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:330 Resp: 985641

Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.0	117.0
141	33.5	26.8	40.2

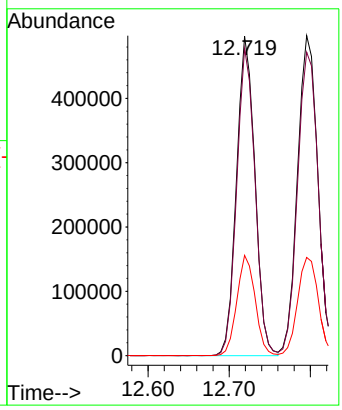




#43
2,4,6-Trichlorophenol
Concen: 40.484 ng
RT: 12.719 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:196 Resp: 78354

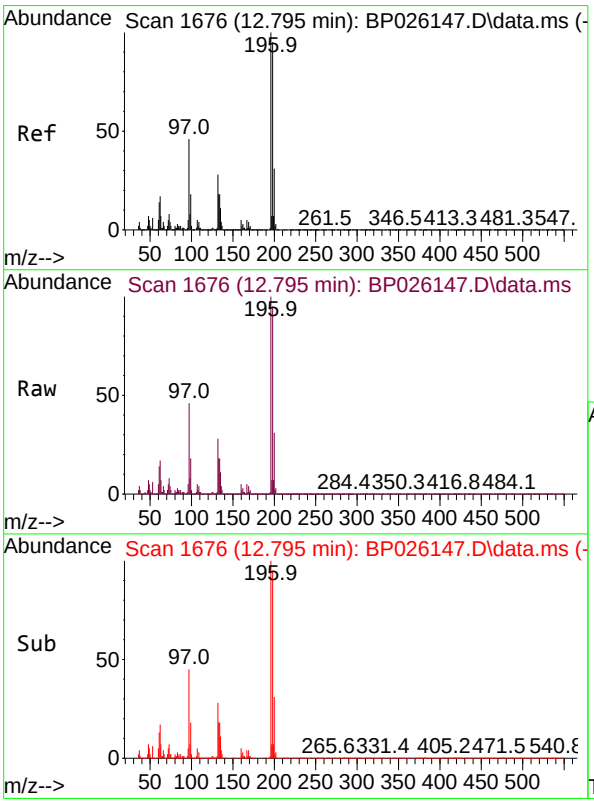
Ion	Ratio	Lower	Upper
196	100		
198	96.2	76.9	115.3
200	31.4	24.6	37.0



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

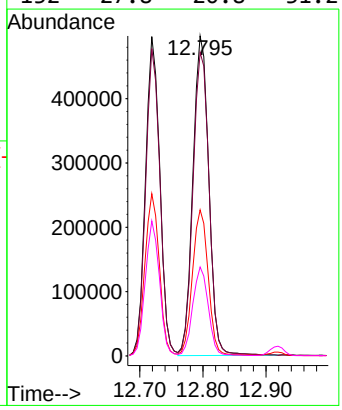
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

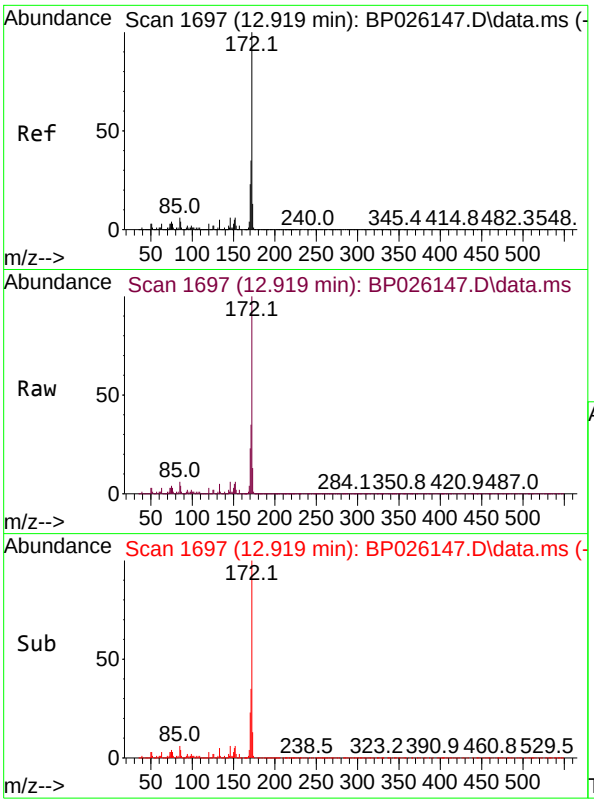


#44
2,4,5-Trichlorophenol
Concen: 40.362 ng
RT: 12.795 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:196 Resp: 871078

Ion	Ratio	Lower	Upper
196	100		
198	94.8	76.4	114.6
97	45.6	35.7	53.5
132	27.8	20.8	31.2

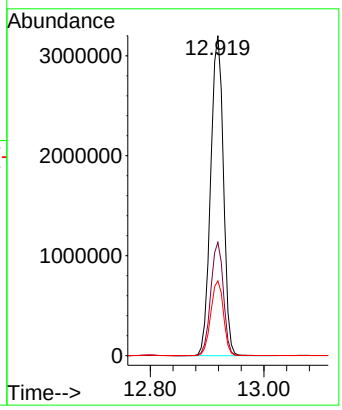




#45
2-Fluorobiphenyl
Concen: 78.020 ng
RT: 12.919 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:172 Resp: 499115

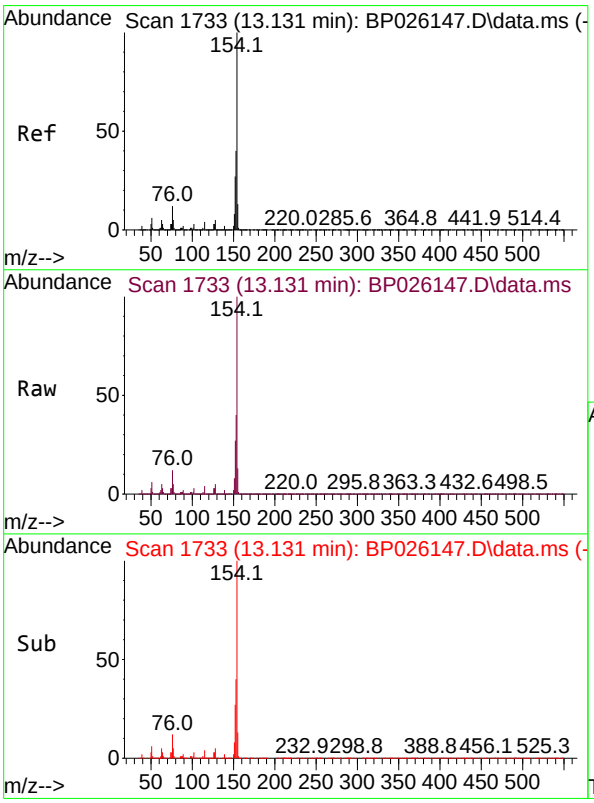
Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.2	42.4
170	23.4	18.7	28.1



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
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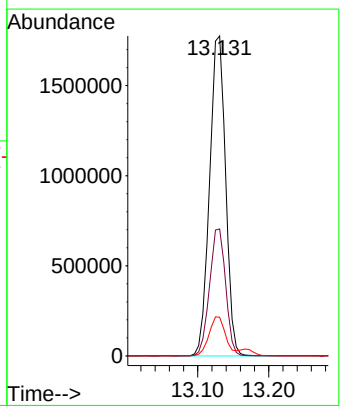
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

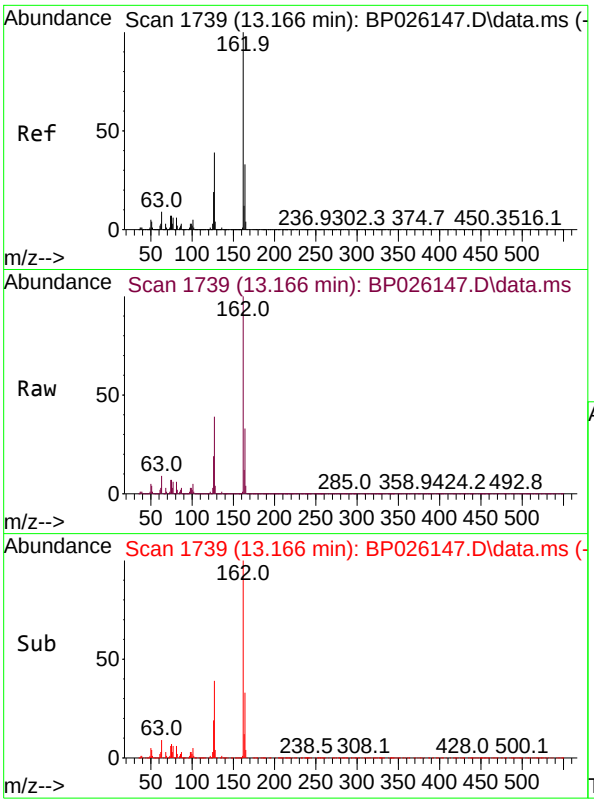


#46
1,1'-Biphenyl
Concen: 39.689 ng
RT: 13.131 min Scan# 1733
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:154 Resp: 2780286

Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.3	60.3
76	12.1	0.0	32.3

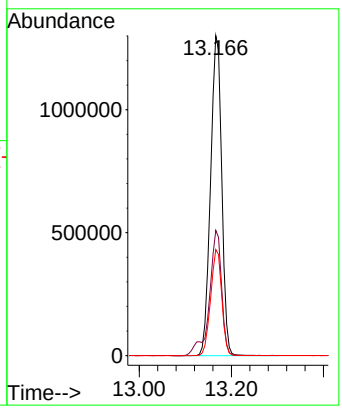




#47
2-Chloronaphthalene
Concen: 39.633 ng
RT: 13.166 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:162 Resp: 218273

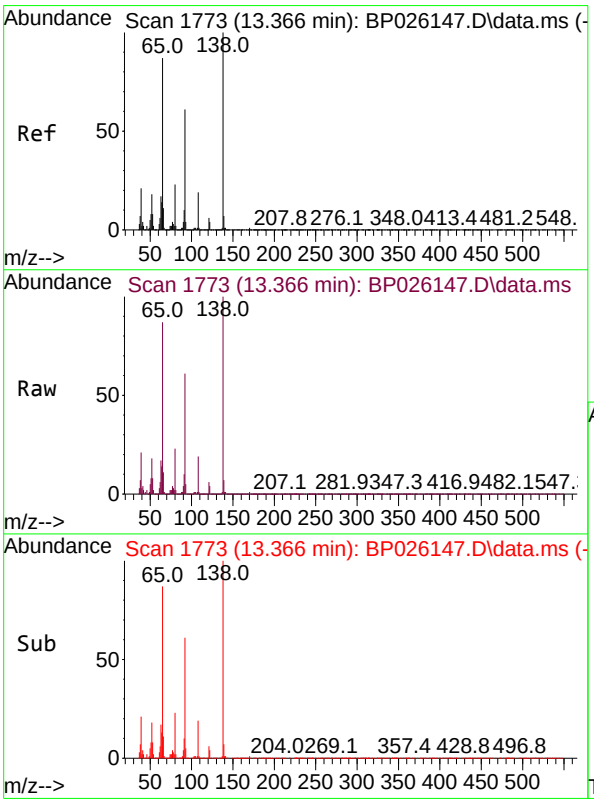
Ion	Ratio	Lower	Upper
162	100		
127	39.1	30.9	46.3
164	33.1	26.4	39.6



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

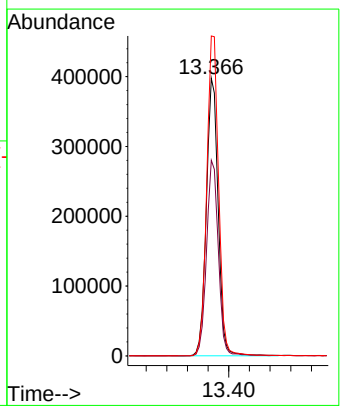
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

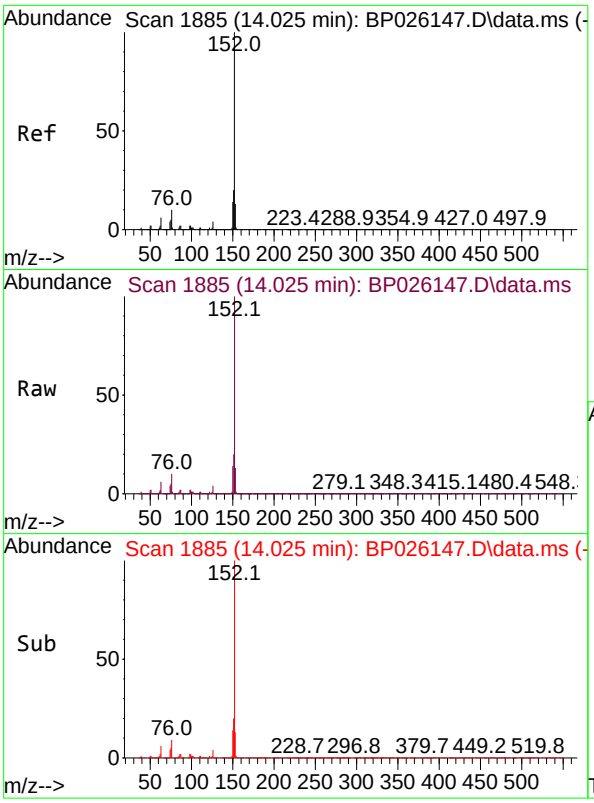


#48
2-Nitroaniline
Concen: 41.000 ng
RT: 13.366 min Scan# 1773
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion: 65 Resp: 630592

Ion	Ratio	Lower	Upper
65	100		
92	70.5	59.1	88.7
138	115.3	96.6	145.0

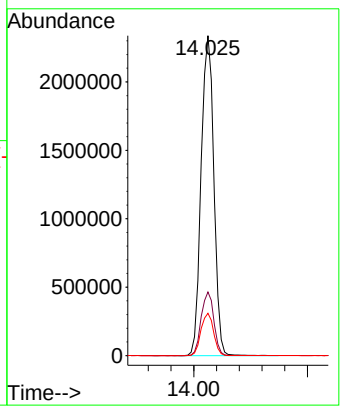




#49
Acenaphthylene
Concen: 39.879 ng
RT: 14.025 min Scan# 18
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:152 Resp: 363384

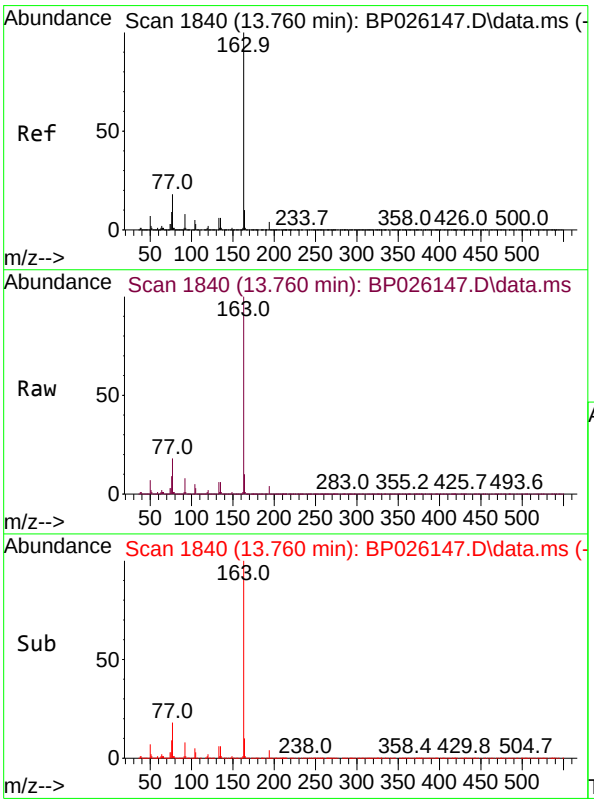
Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.8
153	13.2	10.6	16.0



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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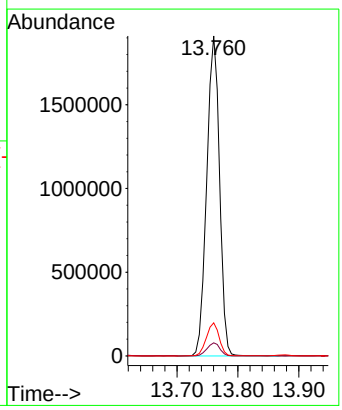
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

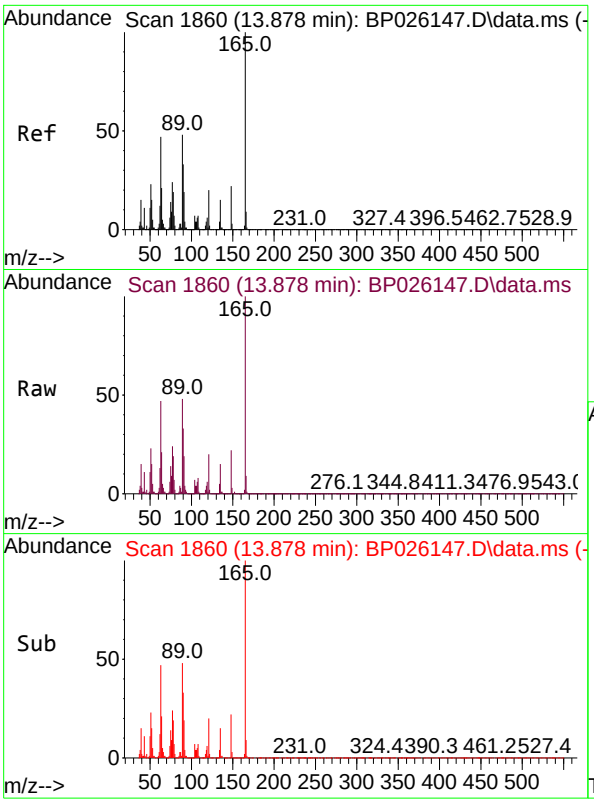


#50
Dimethylphthalate
Concen: 40.098 ng
RT: 13.760 min Scan# 1840
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:163 Resp: 2788637

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.3	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 42.806 ng
RT: 13.878 min Scan# 18
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

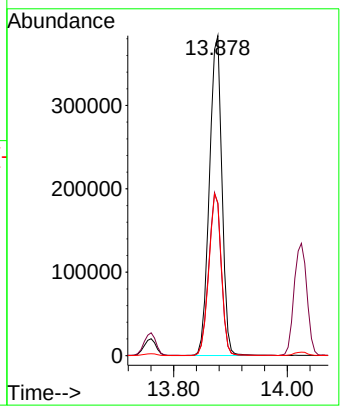
Tgt Ion:165 Resp: 58873(

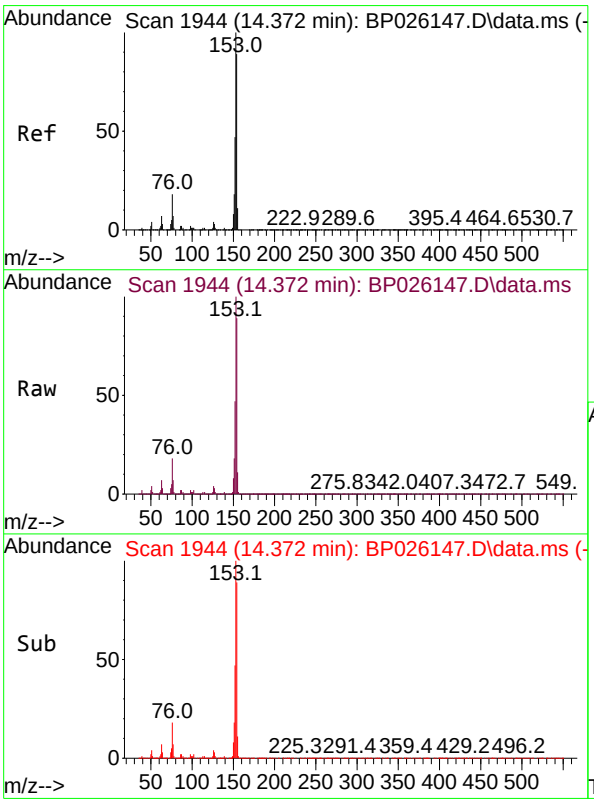
Ion	Ratio	Lower	Upper
165	100		
63	47.4	40.5	60.7
89	47.7	41.3	61.9

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

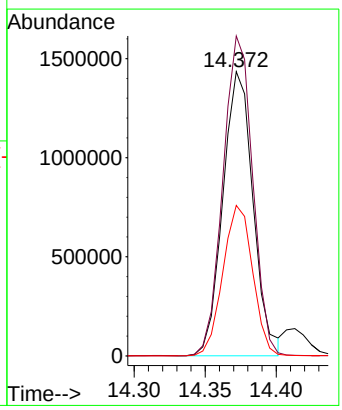


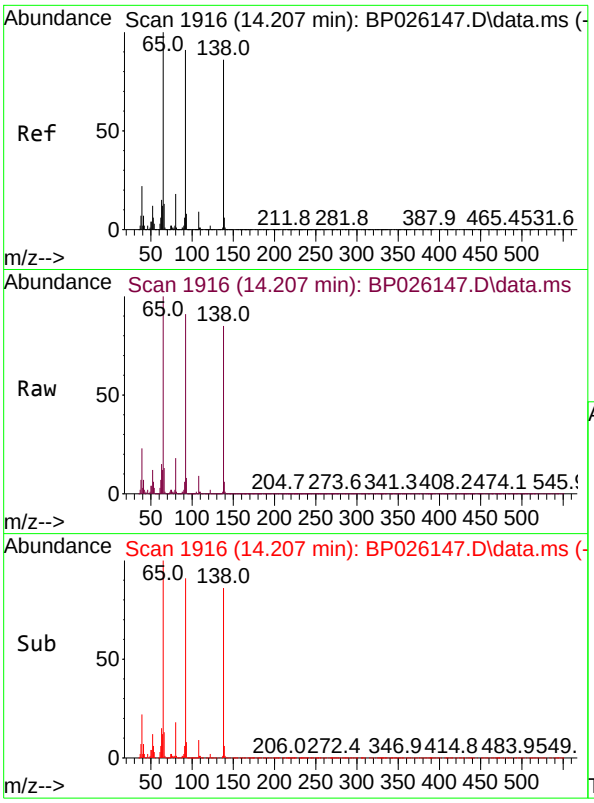


#52
Acenaphthene
Concen: 39.859 ng
RT: 14.372 min Scan# 1944
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:154 Resp: 2124219

Ion	Ratio	Lower	Upper
154	100		
153	112.6	90.7	136.1
152	52.9	42.8	64.2





#53
3-Nitroaniline
Concen: 41.586 ng
RT: 14.207 min Scan# 19
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

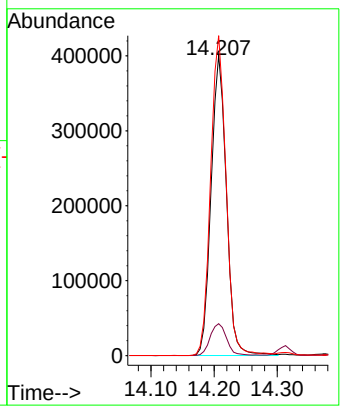
Tgt Ion:138 Resp: 67566

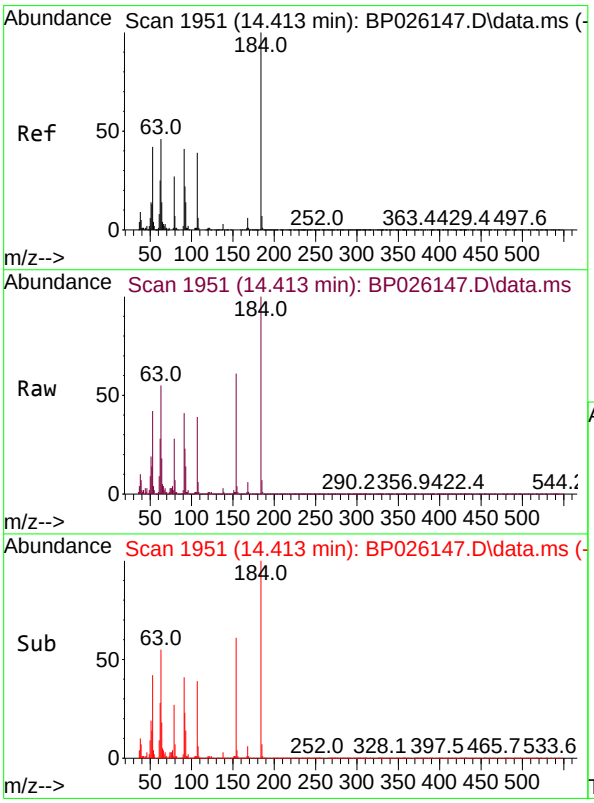
Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.9	13.3
92	106.5	86.3	129.5

Instrument :
BNA_P
ClientSampleId :
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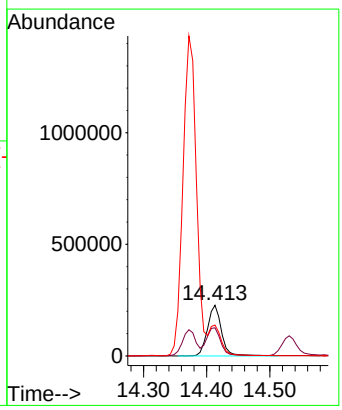


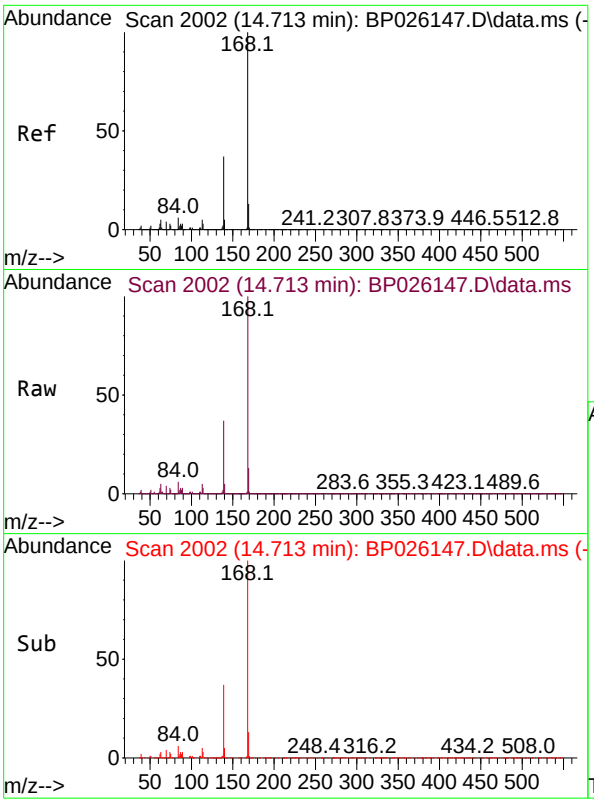


#54
2,4-Dinitrophenol
Concen: 42.038 ng
RT: 14.413 min Scan# 1951
Delta R.T. -0.018 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:184 Resp: 346832

Ion	Ratio	Lower	Upper
184	100		
63	55.4	43.1	64.7
154	60.8	49.5	74.3

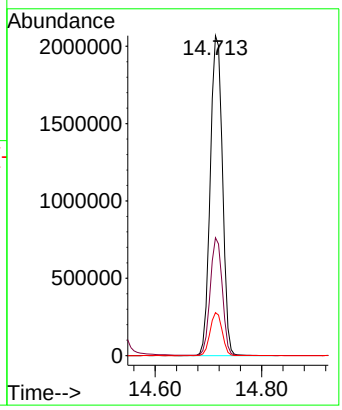




#55
Dibenzofuran
Concen: 39.554 ng
RT: 14.713 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:168 Resp: 329410

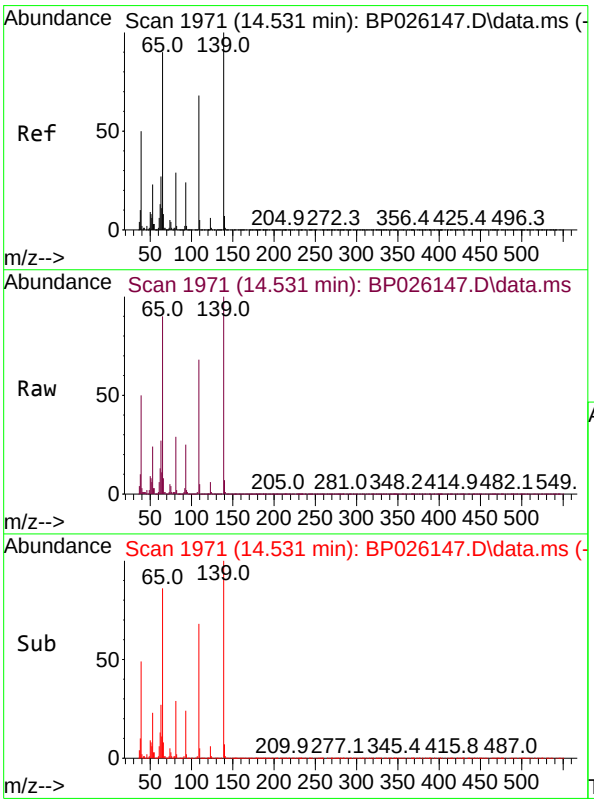
Ion	Ratio	Lower	Upper
168	100		
139	36.8	29.8	44.6
169	13.4	10.9	16.3



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
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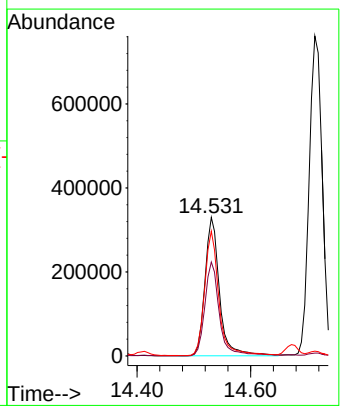
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

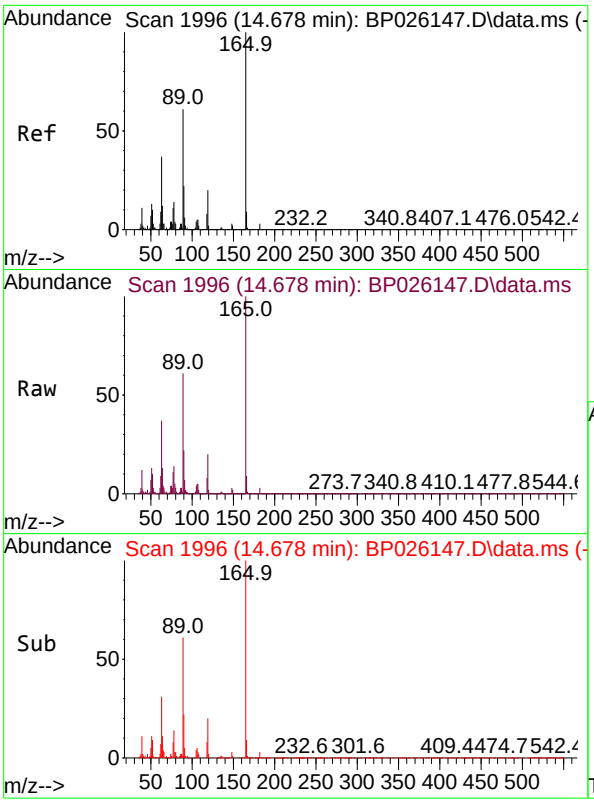


#56
4-Nitrophenol
Concen: 39.974 ng
RT: 14.531 min Scan# 1971
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:139 Resp: 589592

Ion	Ratio	Lower	Upper
139	100		
109	67.7	46.8	86.8
65	90.0	69.3	109.3

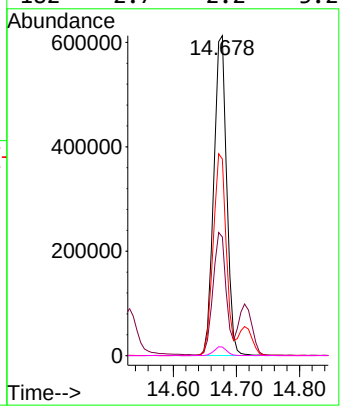




#57
2,4-Dinitrotoluene
Concen: 42.152 ng
RT: 14.678 min Scan# 19
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:165 Resp: 87153

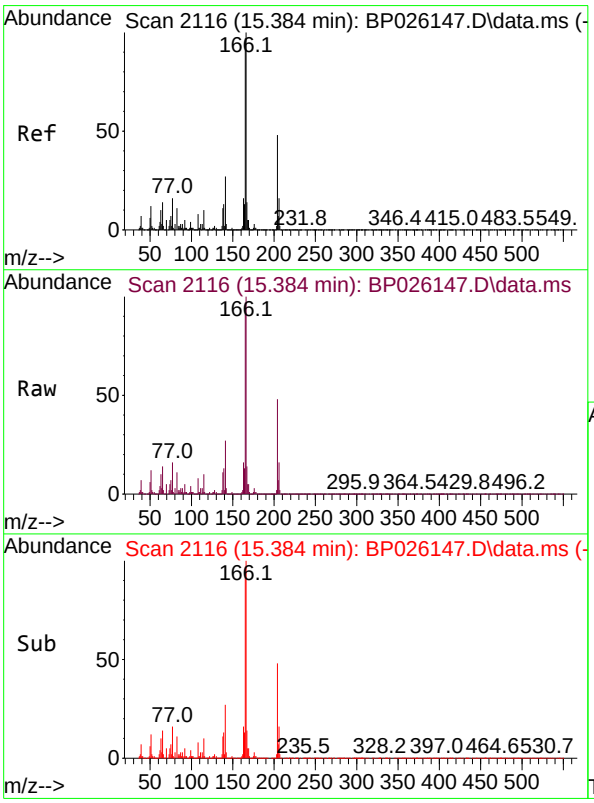
Ion	Ratio	Lower	Upper
165	100		
63	37.1	31.0	46.6
89	61.4	51.7	77.5
182	2.7	2.2	3.2



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
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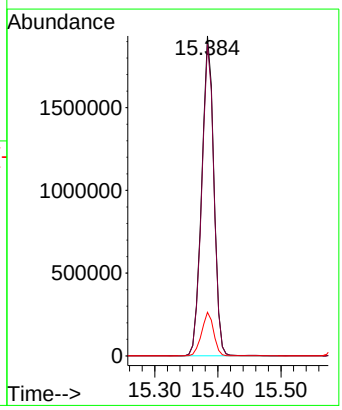
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

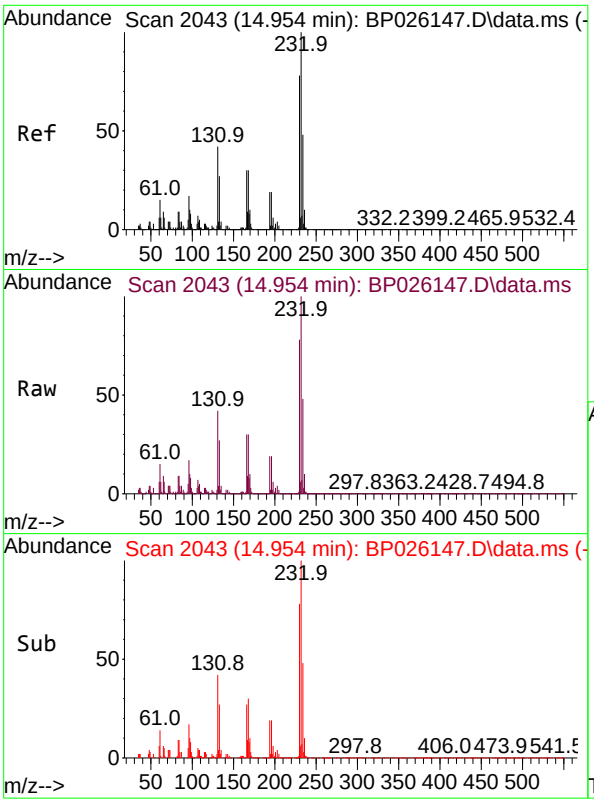


#58
Fluorene
Concen: 39.135 ng
RT: 15.384 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:166 Resp: 2576477

Ion	Ratio	Lower	Upper
166	100		
165	97.5	77.9	116.9
167	13.6	11.0	16.4

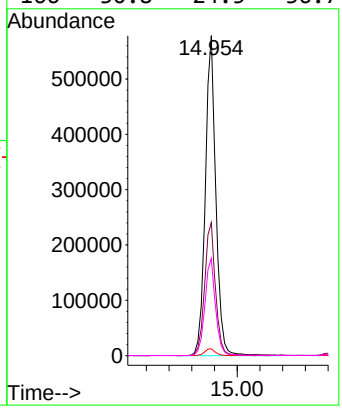




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.827 ng
RT: 14.954 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:232 Resp: 74629

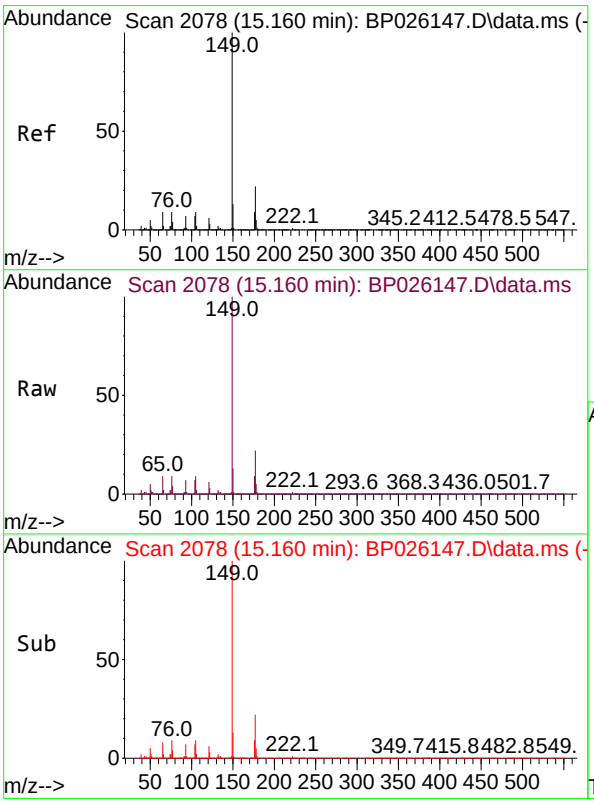
Ion	Ratio	Lower	Upper
232	100		
131	43.2	34.8	52.2
130	2.2	1.8	2.8
166	30.8	24.5	36.7



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
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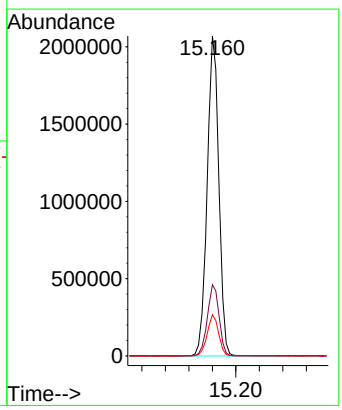
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

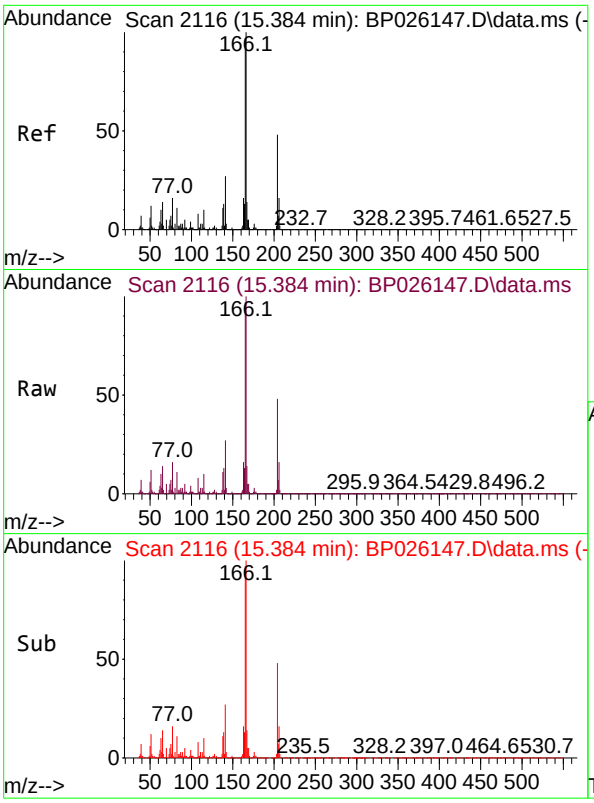


#60
Diethylphthalate
Concen: 40.313 ng
RT: 15.160 min Scan# 2078
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:149 Resp: 2841743

Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.9	26.9
150	12.9	9.9	14.9

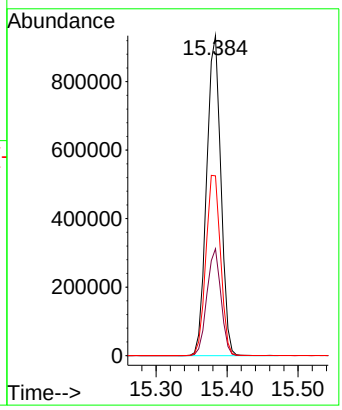




#61
4-Chlorophenyl-phenylether
Concen: 39.576 ng
RT: 15.384 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:204 Resp: 129332

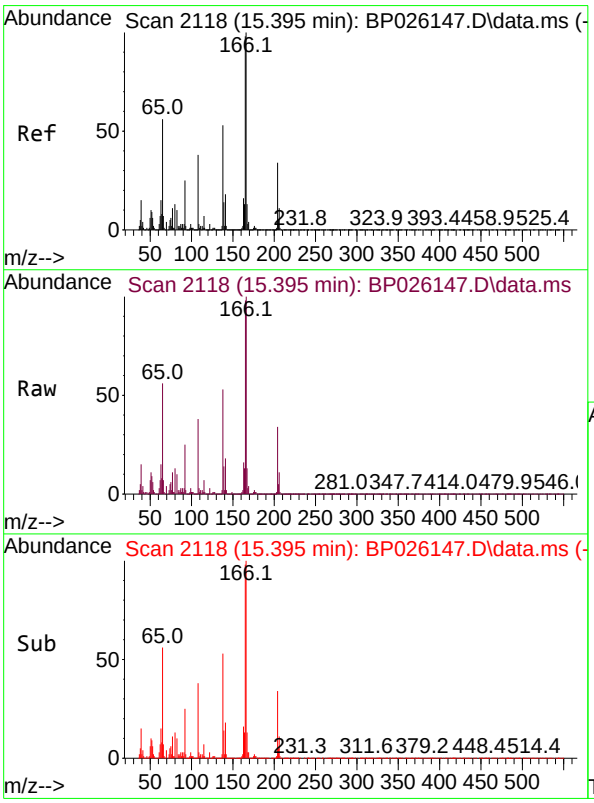
Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.2	39.2
141	56.2	48.1	72.1



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
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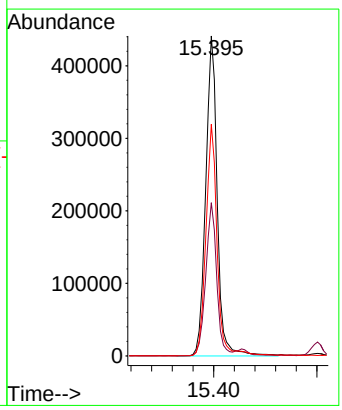
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

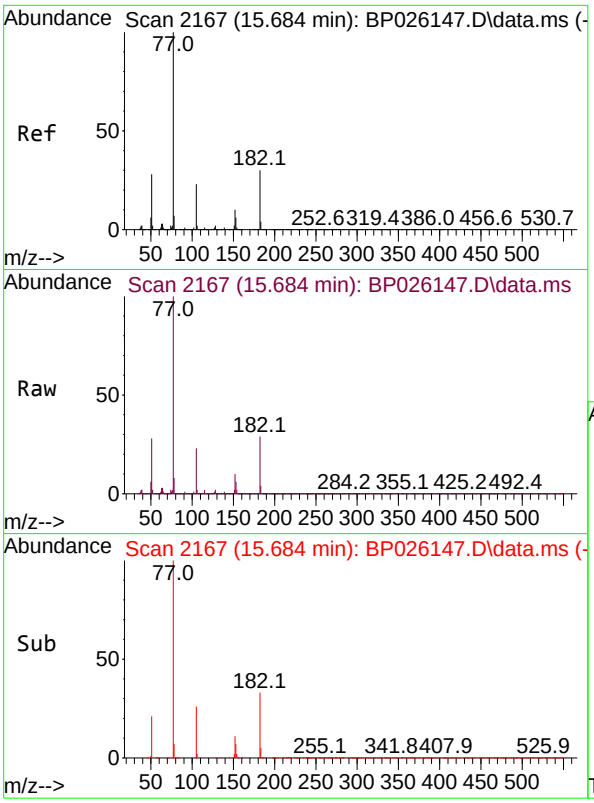


#62
4-Nitroaniline
Concen: 40.085 ng
RT: 15.395 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:138 Resp: 681705

Ion	Ratio	Lower	Upper
138	100		
92	47.9	27.5	67.5
108	72.4	51.1	91.1

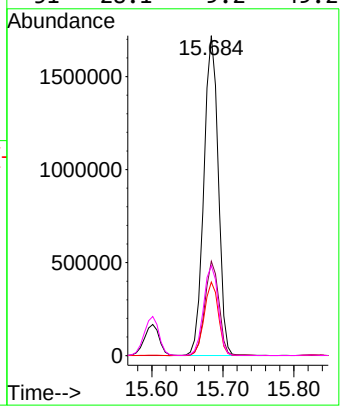




#63
Azobenzene
Concen: 40.665 ng
RT: 15.684 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion: 77 Resp: 240836

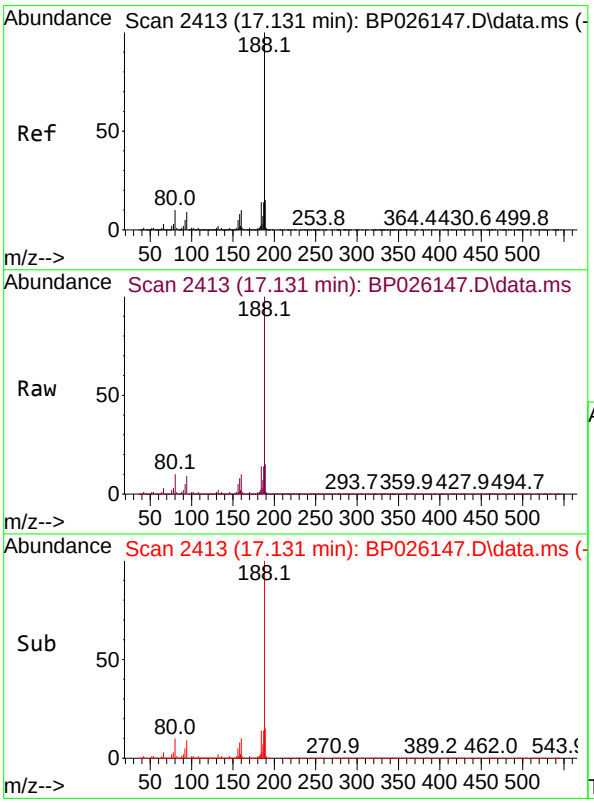
Ion	Ratio	Lower	Upper
77	100		
182	29.5	8.8	48.8
105	23.0	2.6	42.6
51	28.1	9.2	49.2



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
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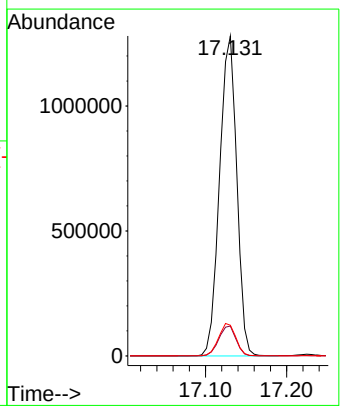
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

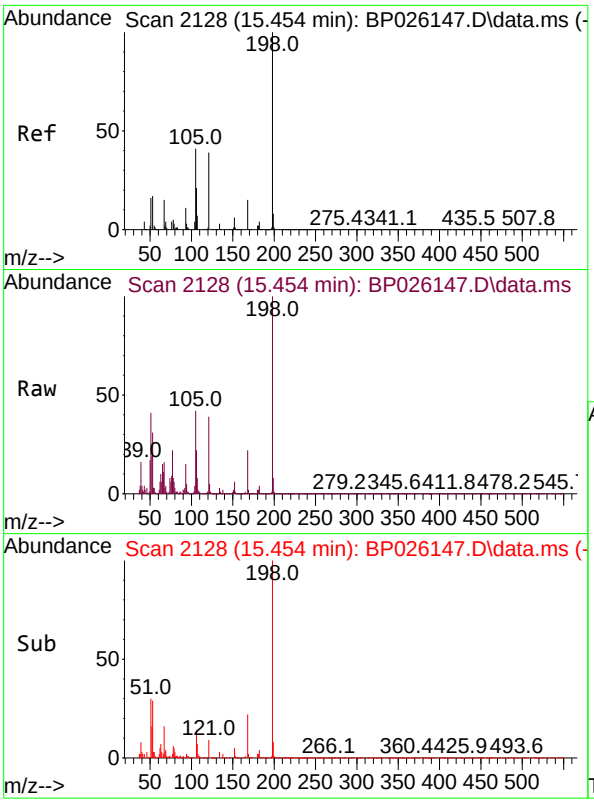


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.131 min Scan# 2413
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:188 Resp: 1878028

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.8	11.6
80	9.6	8.2	12.2





#65
4,6-Dinitro-2-methylphenol
Concen: 42.621 ng
RT: 15.454 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

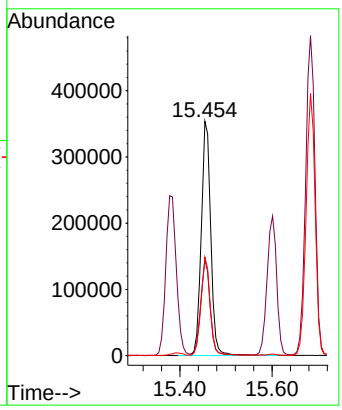
Tgt Ion:198 Resp: 50371

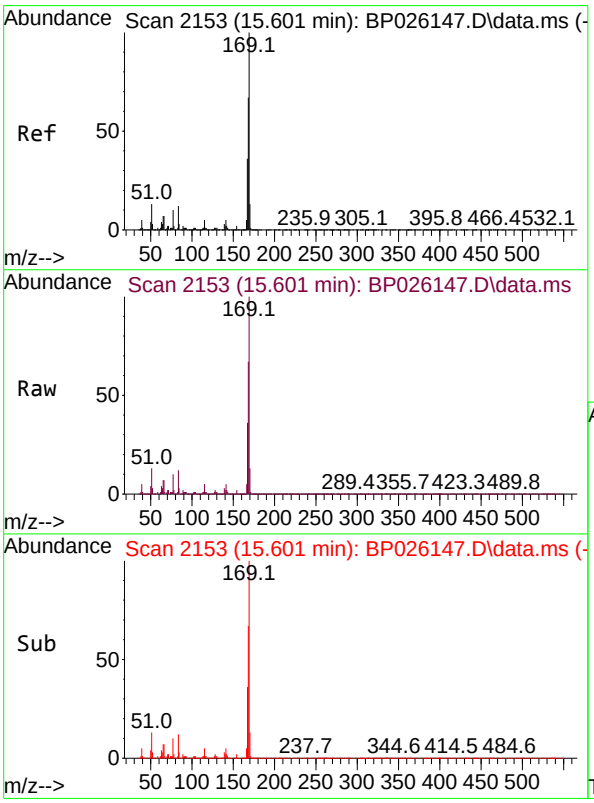
Ion	Ratio	Lower	Upper
198	100		
51	40.9	18.4	58.4
105	42.0	18.5	58.5

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

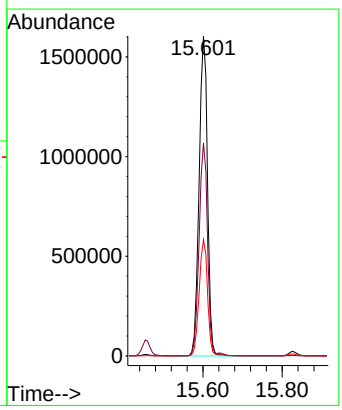


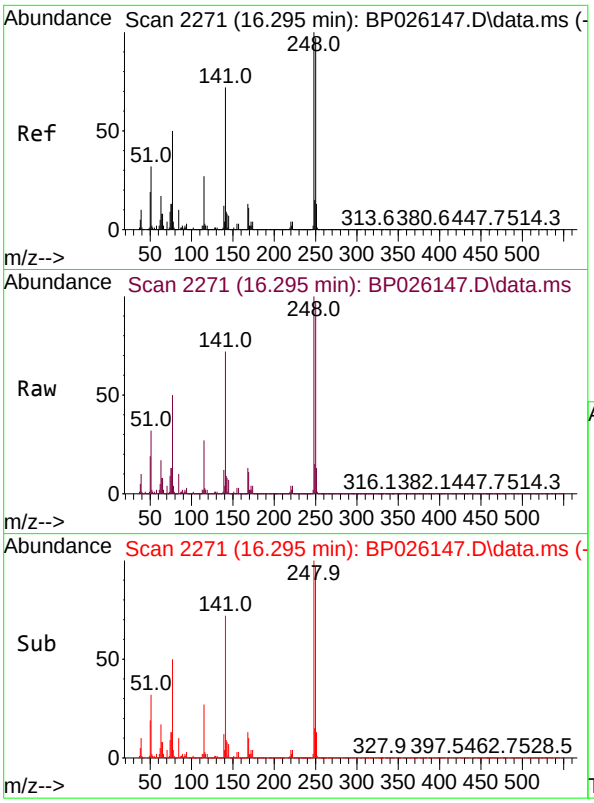


#66
n-Nitrosodiphenylamine
Concen: 40.344 ng
RT: 15.601 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:169 Resp: 2344222

Ion	Ratio	Lower	Upper
169	100		
168	66.6	53.1	79.7
167	36.3	28.9	43.3





#67
4-Bromophenyl-phenylether
Concen: 41.519 ng
RT: 16.295 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

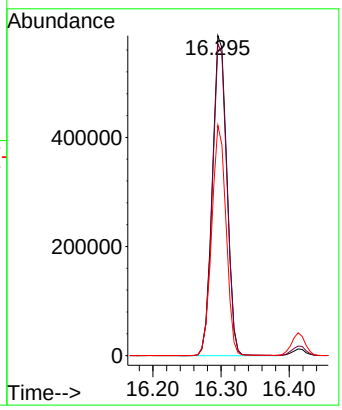
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

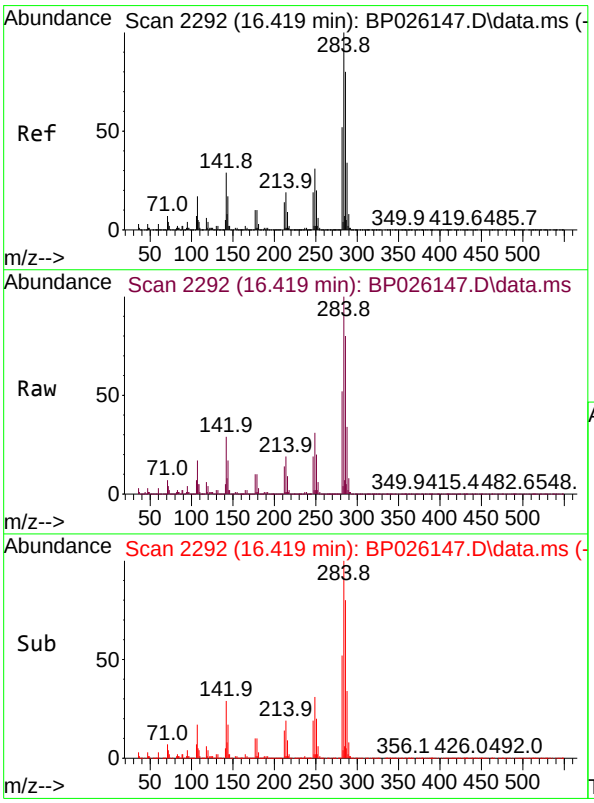
Tgt Ion:248 Resp: 86169

Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.8	116.6
141	71.9	55.4	83.0

Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

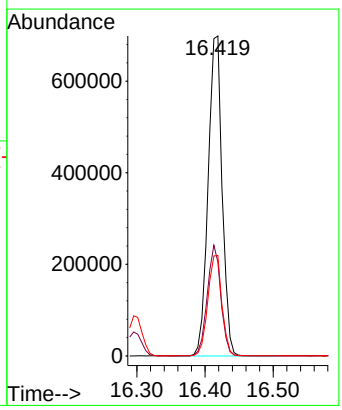


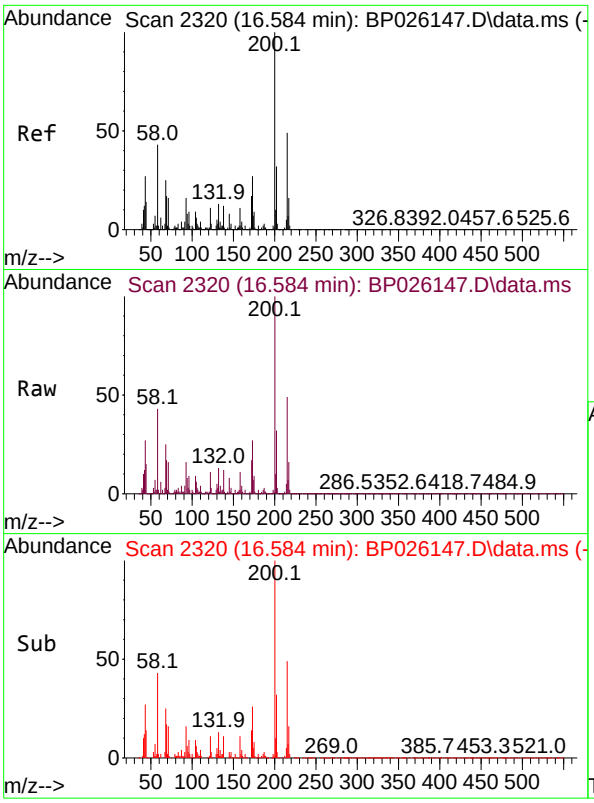


#68
Hexachlorobenzene
Concen: 41.466 ng
RT: 16.419 min Scan# 2292
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:284 Resp: 994319

Ion	Ratio	Lower	Upper
284	100		
142	29.3	28.0	42.0
249	31.4	25.0	37.4

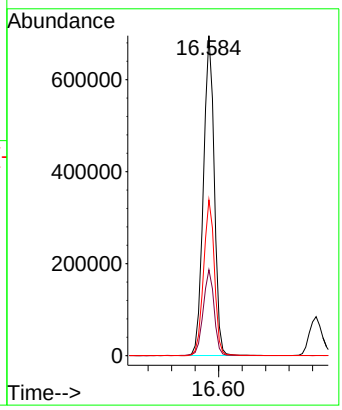




#69
Atrazine
Concen: 40.815 ng
RT: 16.584 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:200 Resp: 89306

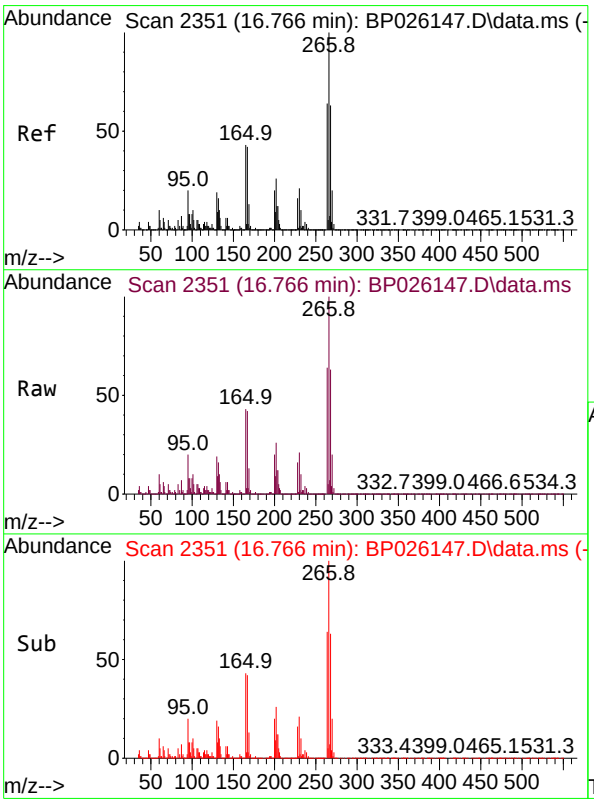
Ion	Ratio	Lower	Upper
200	100		
173	26.8	6.7	46.7
215	48.7	27.4	67.4



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

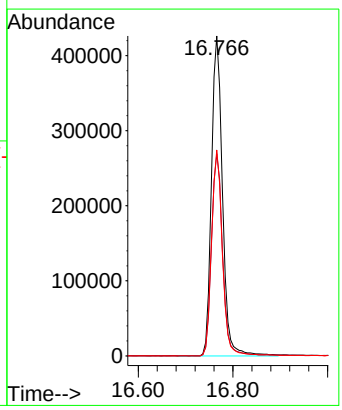
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

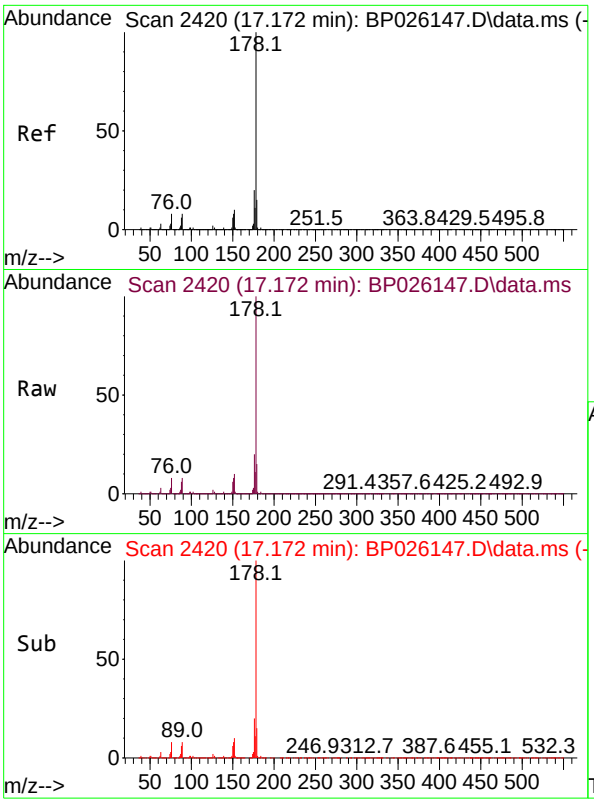


#70
Pentachlorophenol
Concen: 40.947 ng
RT: 16.766 min Scan# 2351
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:266 Resp: 688877

Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.0	76.4
264	64.3	50.2	75.2

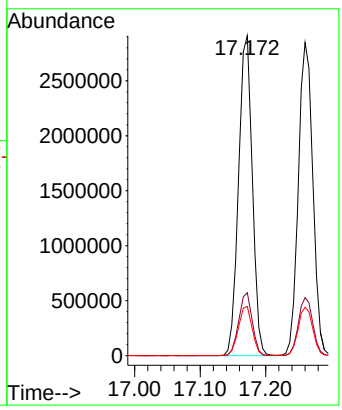




#71
Phenanthrene
Concen: 39.682 ng
RT: 17.172 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:178 Resp: 421615

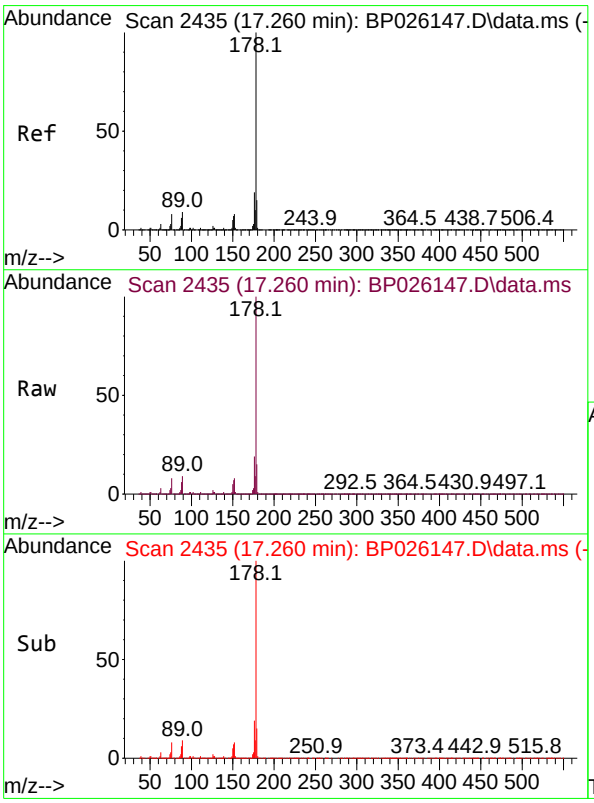
Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.2
179	15.4	12.4	18.6



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
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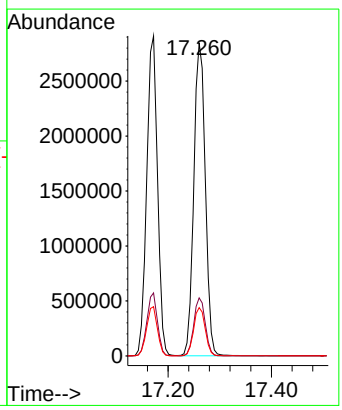
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

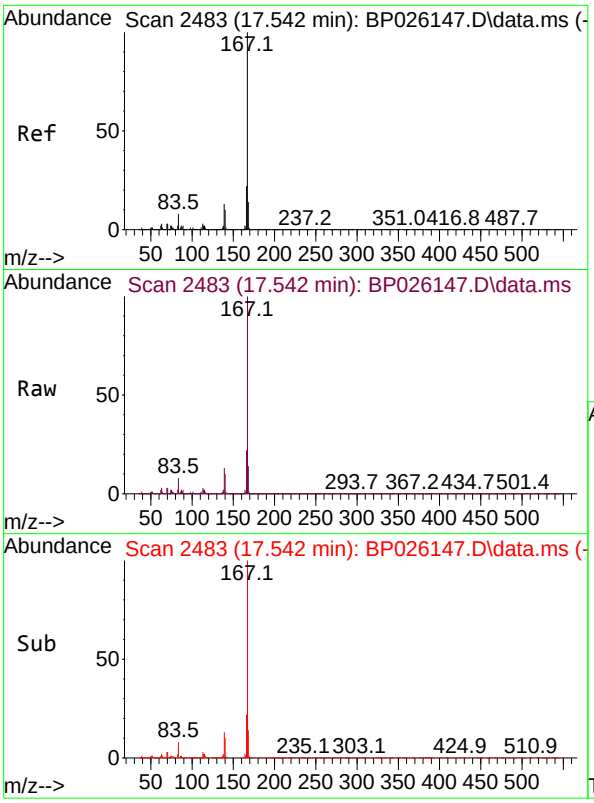


#72
Anthracene
Concen: 40.544 ng
RT: 17.260 min Scan# 2435
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:178 Resp: 4399641

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.4	12.2	18.4

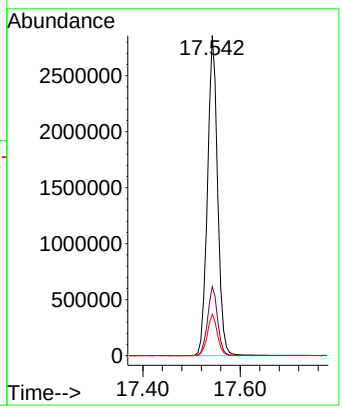




#73
Carbazole
Concen: 40.424 ng
RT: 17.542 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:167 Resp: 414984

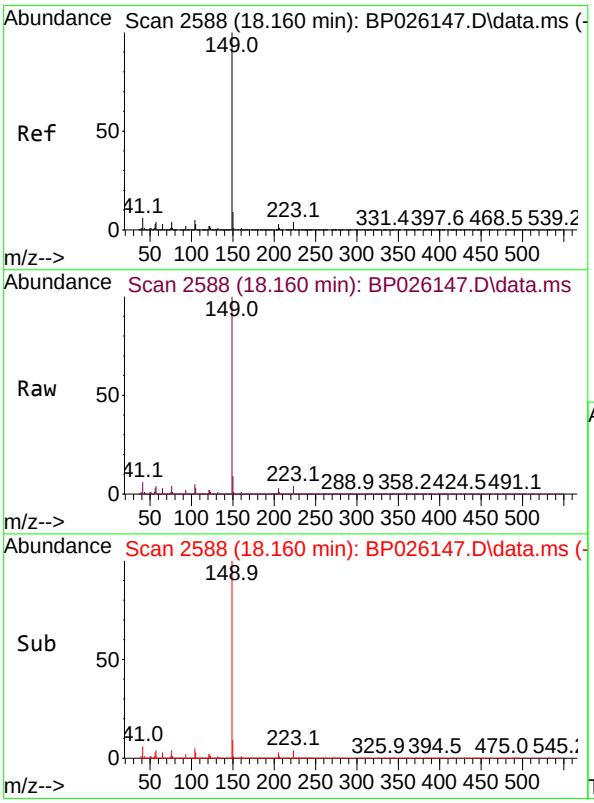
Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.1	25.7
139	12.9	10.2	15.4



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

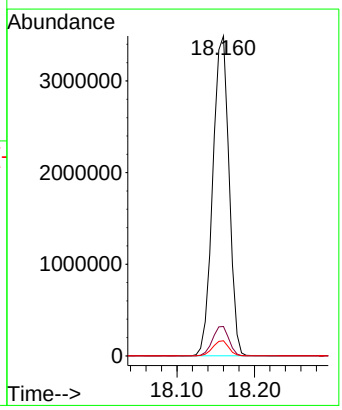
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

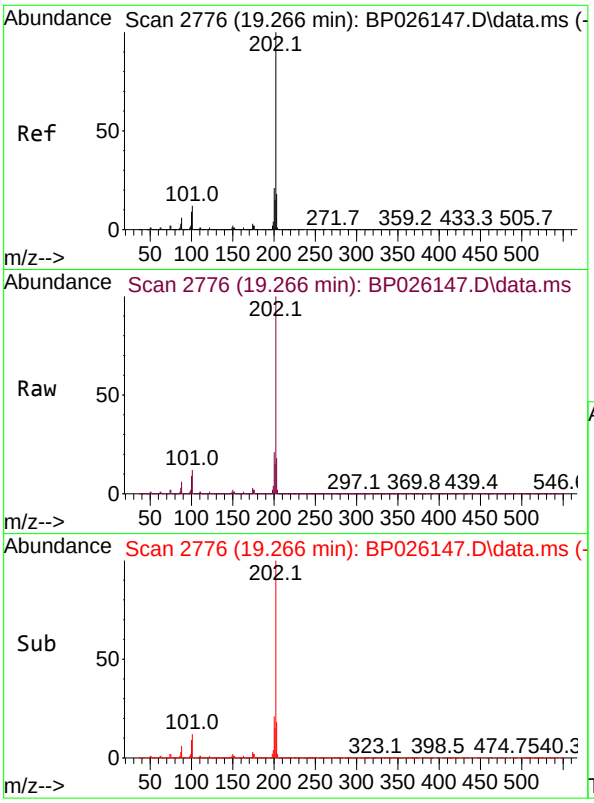


#74
Di-n-butylphthalate
Concen: 41.877 ng
RT: 18.160 min Scan# 2588
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:149 Resp: 5102416

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	4.7	3.6	5.4

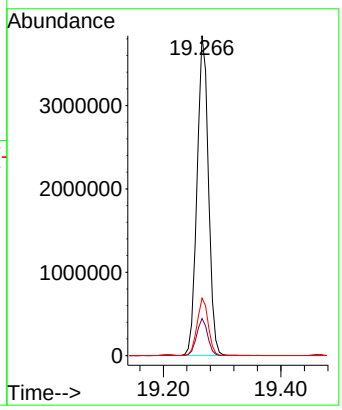




#75
Fluoranthene
Concen: 39.601 ng
RT: 19.266 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:202 Resp: 514258

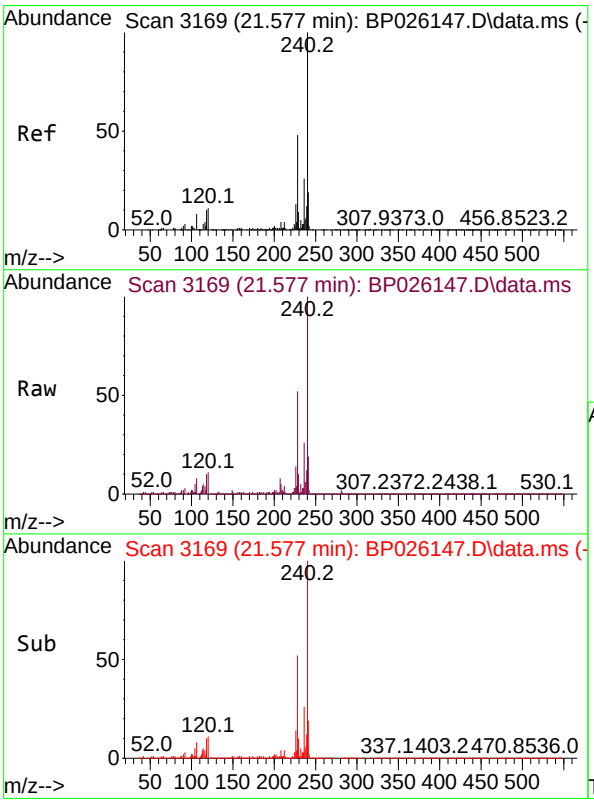
Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.2
203	17.9	0.0	37.7



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
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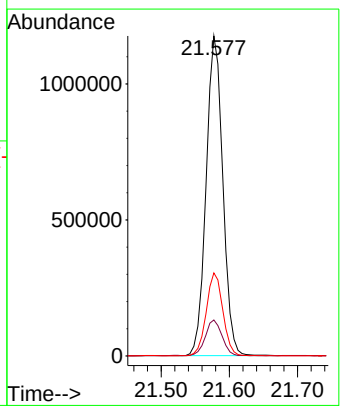
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

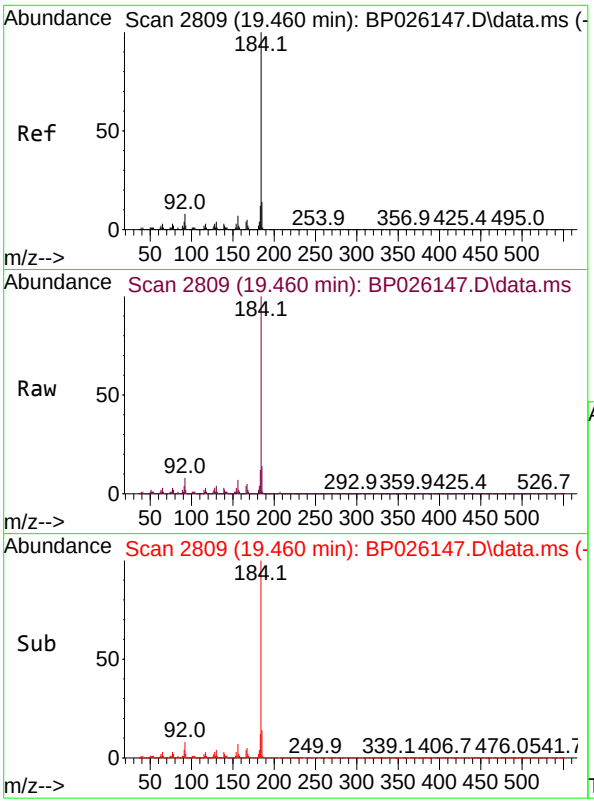


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3169
Delta R.T. 0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:240 Resp: 1999579

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.0	13.4
236	25.9	20.4	30.6

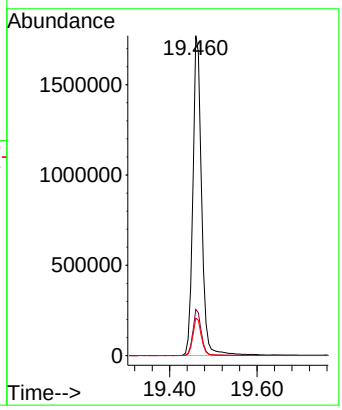




#77
Benzidine
Concen: 40.014 ng
RT: 19.460 min Scan# 28
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:184 Resp: 246280

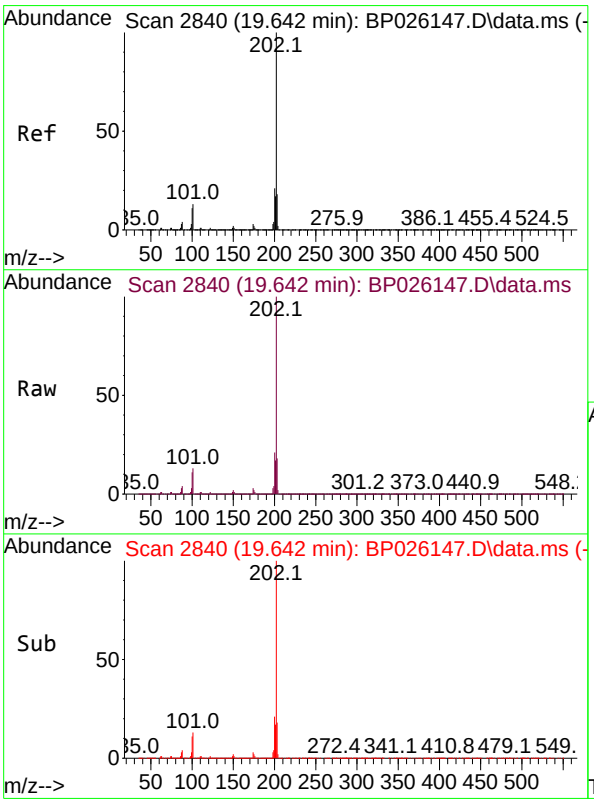
Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.3	16.9
183	11.7	9.0	13.6



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

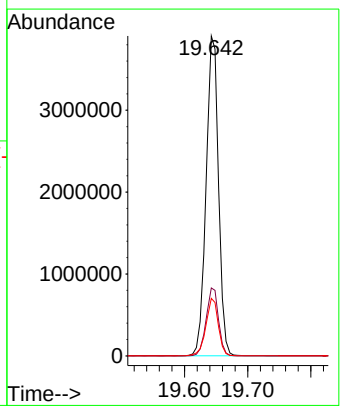
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

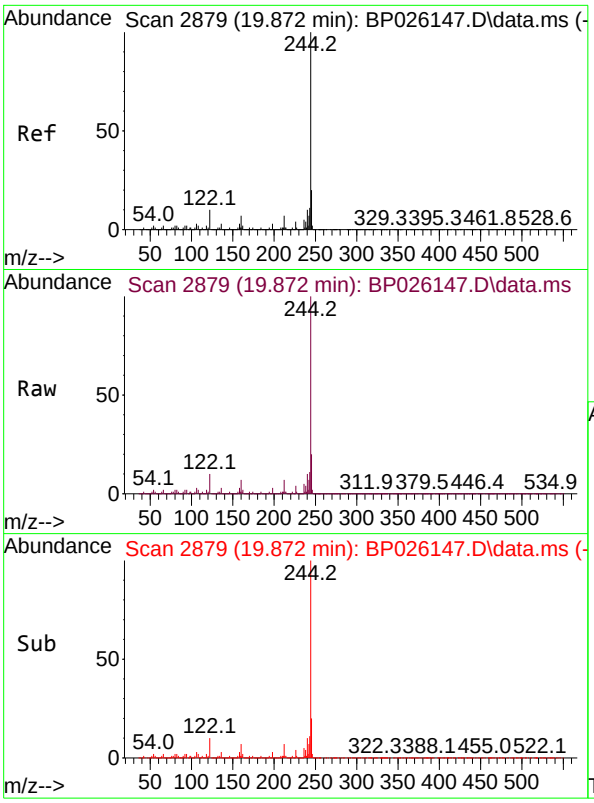


#78
Pyrene
Concen: 40.857 ng
RT: 19.642 min Scan# 2840
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:202 Resp: 5323064

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	18.0	13.8	20.8





#79
Terphenyl-d14
Concen: 80.792 ng
RT: 19.872 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

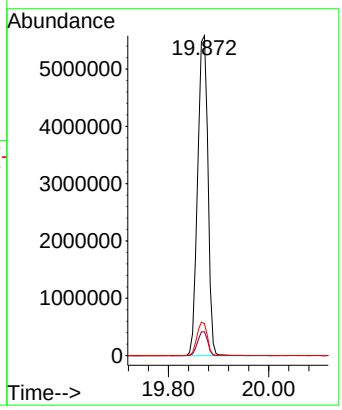
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

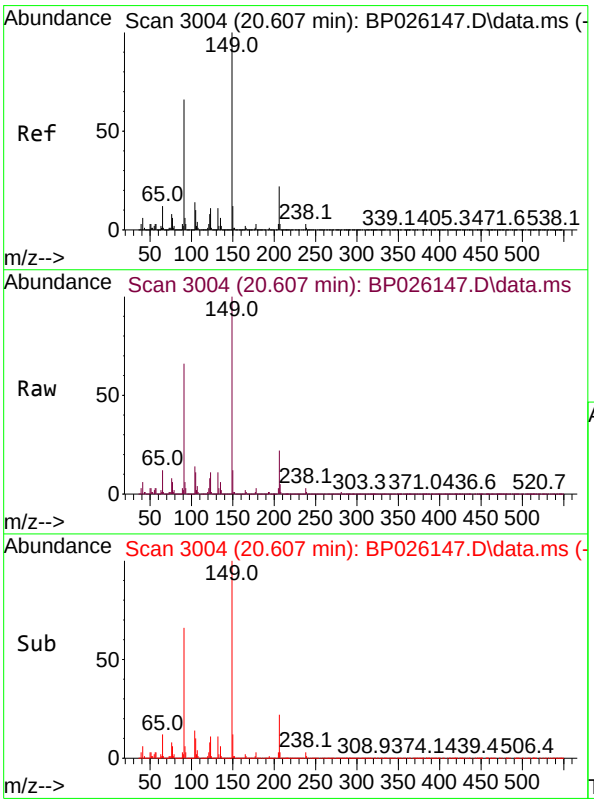
Tgt Ion:244 Resp: 792201

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	10.0	8.2	12.2

Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

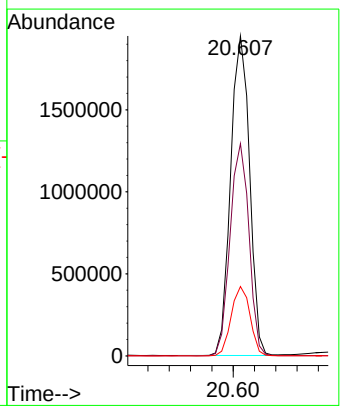


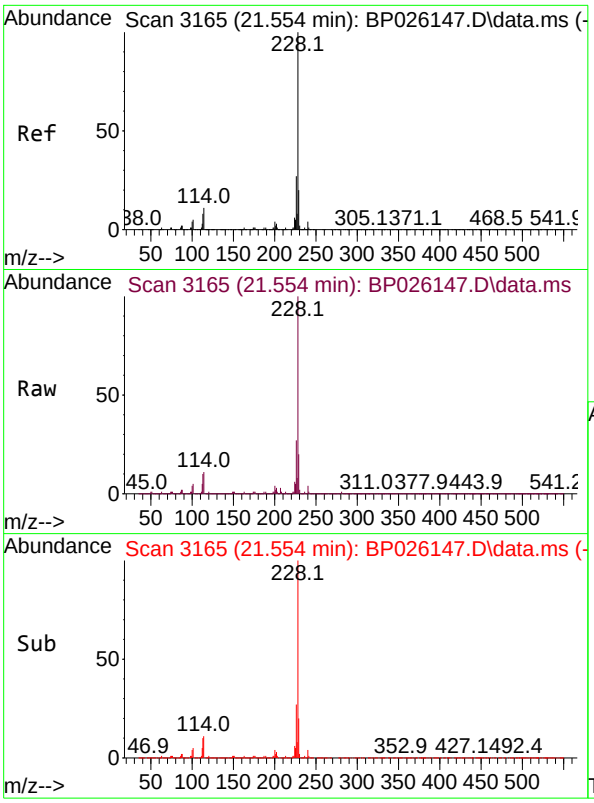


#80
Butylbenzylphthalate
Concen: 41.564 ng
RT: 20.607 min Scan# 3004
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:149 Resp: 2411743

Ion	Ratio	Lower	Upper
149	100		
91	66.4	52.6	79.0
206	21.7	16.9	25.3

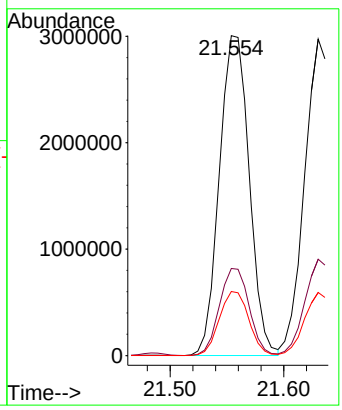




#81
Benzo(a)anthracene
Concen: 40.116 ng
RT: 21.554 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:228 Resp: 550127

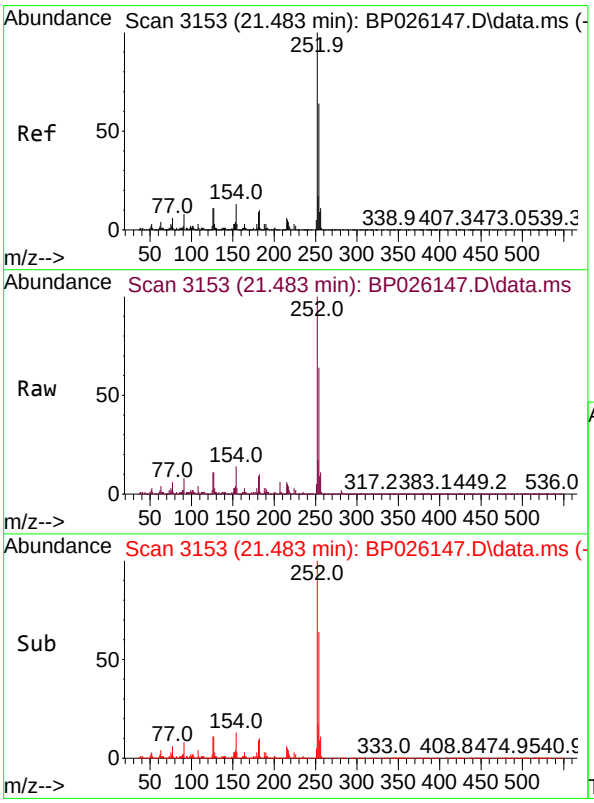
Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.8	32.8
229	20.0	15.9	23.9



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

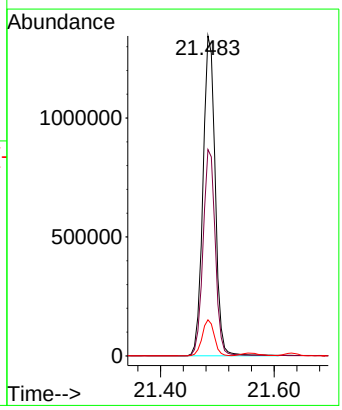
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

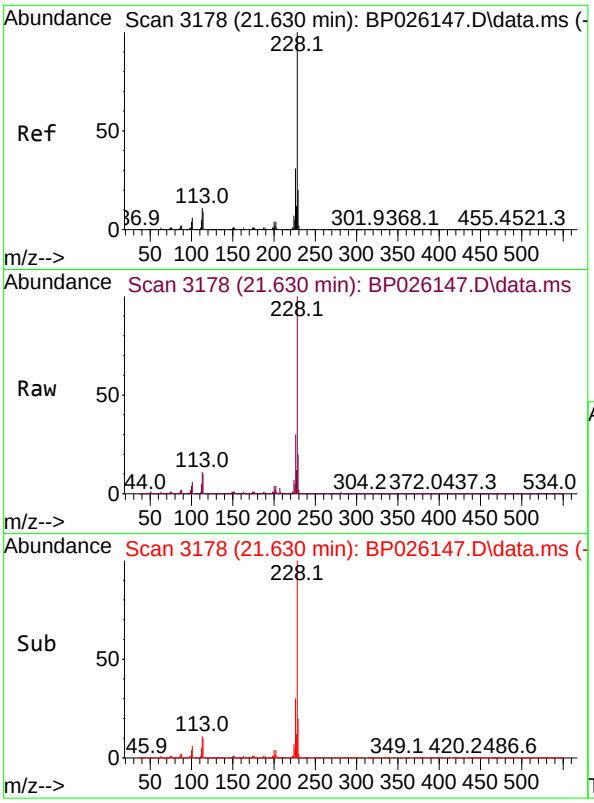


#82
3,3'-Dichlorobenzidine
Concen: 40.145 ng
RT: 21.483 min Scan# 3153
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:252 Resp: 2000641

Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.2	76.8
126	11.3	8.2	12.4

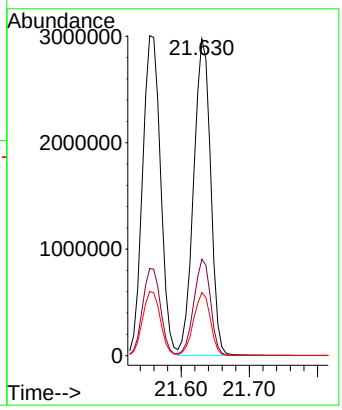




#83
Chrysene
Concen: 39.774 ng
RT: 21.630 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:228 Resp: 513512

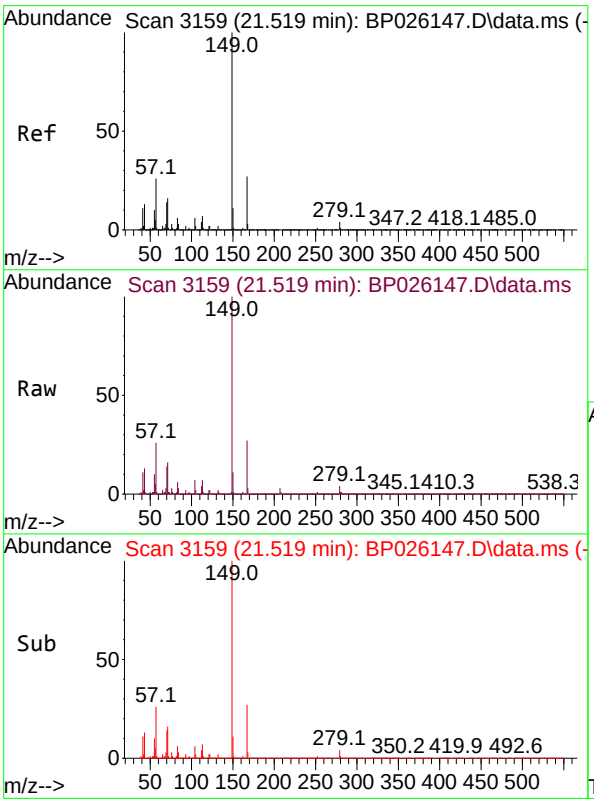
Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.9	35.9
229	19.9	15.9	23.9



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

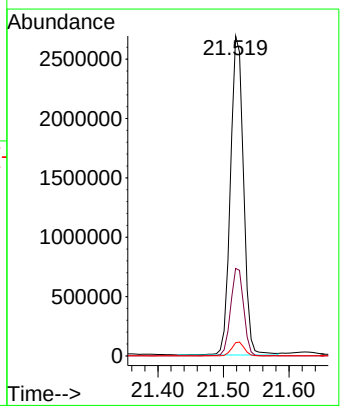
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

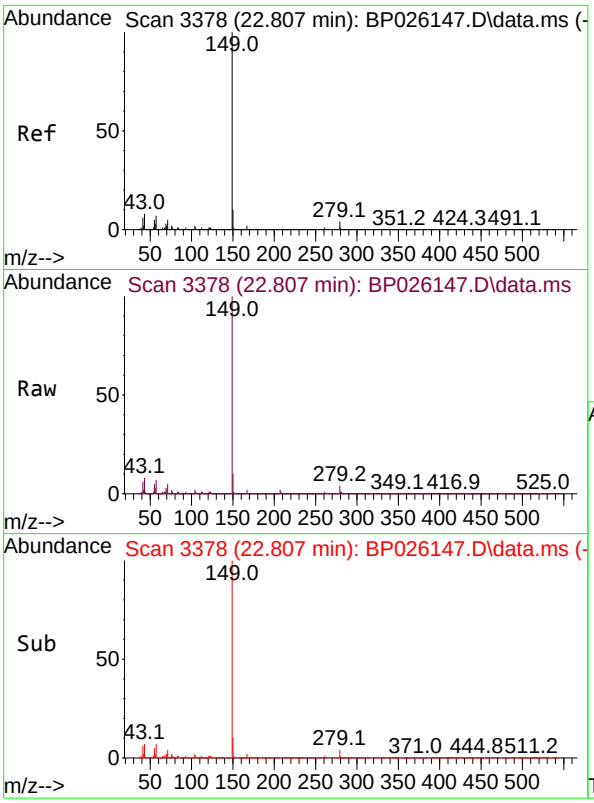


#84
Bis(2-ethylhexyl)phthalate
Concen: 42.841 ng
RT: 21.519 min Scan# 3159
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:149 Resp: 3731352

Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.1	33.1
279	4.1	3.3	4.9

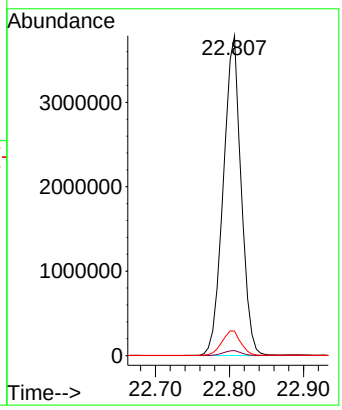




#85
Di-n-octyl phthalate
Concen: 41.246 ng
RT: 22.807 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:149 Resp: 632217

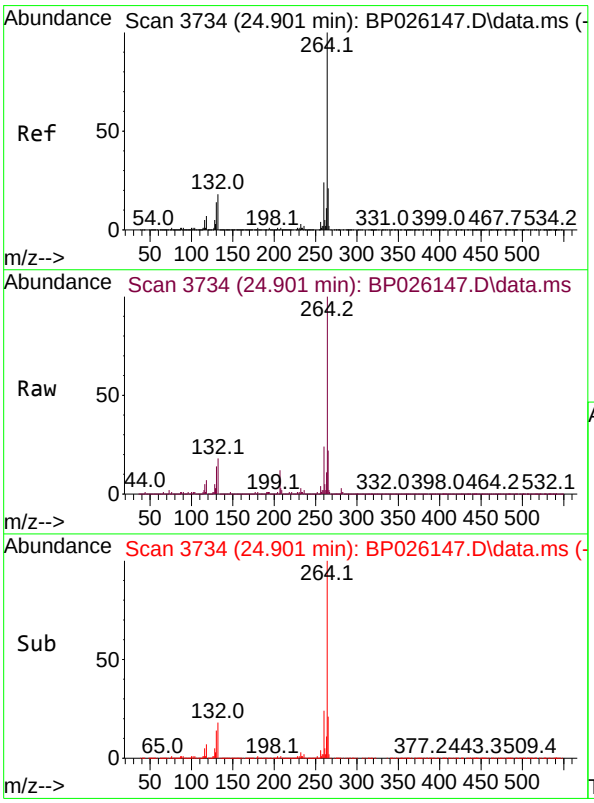
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.1	6.6	10.0



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

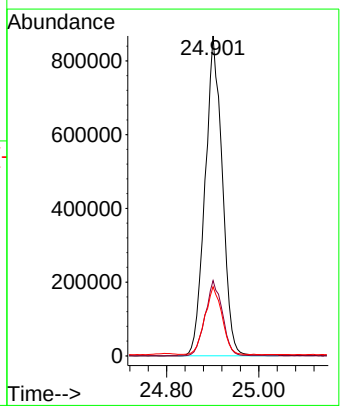
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

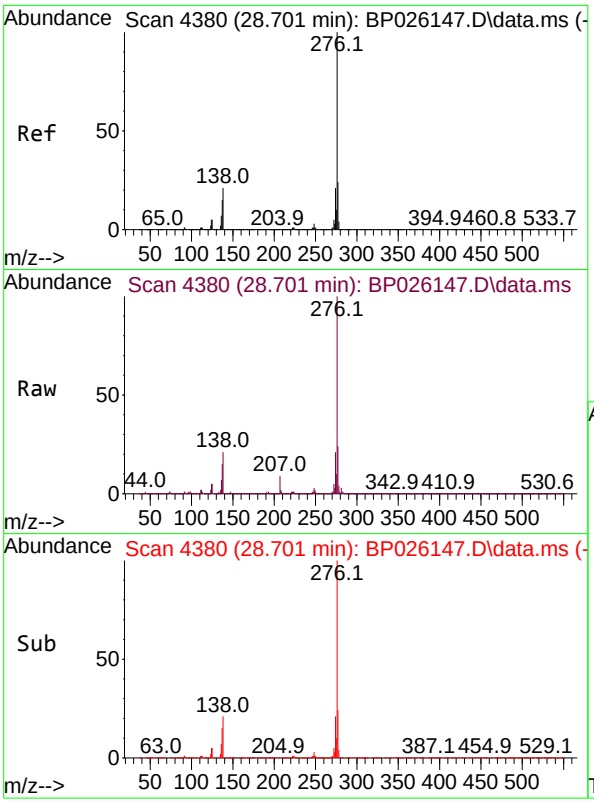


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.901 min Scan# 3734
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:264 Resp: 2243799

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.6	17.5	26.3

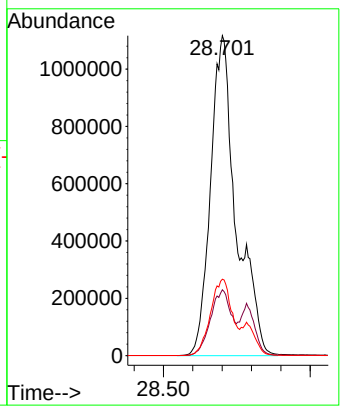




#87
Indeno(1,2,3-cd)pyrene
Concen: 40.563 ng m
RT: 28.701 min Scan# 4
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:276 Resp: 678031

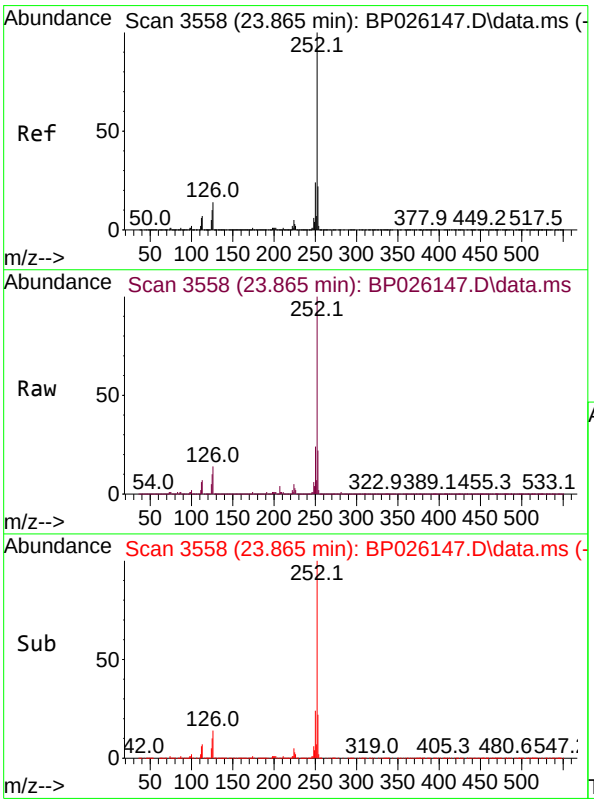
Ion	Ratio	Lower	Upper
276	100		
138	16.7	13.8	20.8
277	20.1	16.7	25.1



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

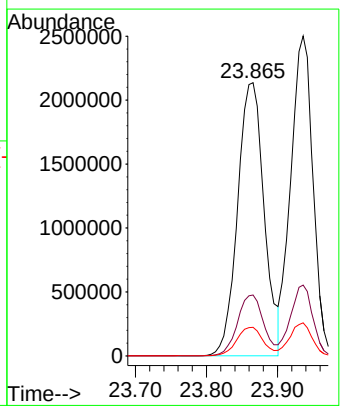
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

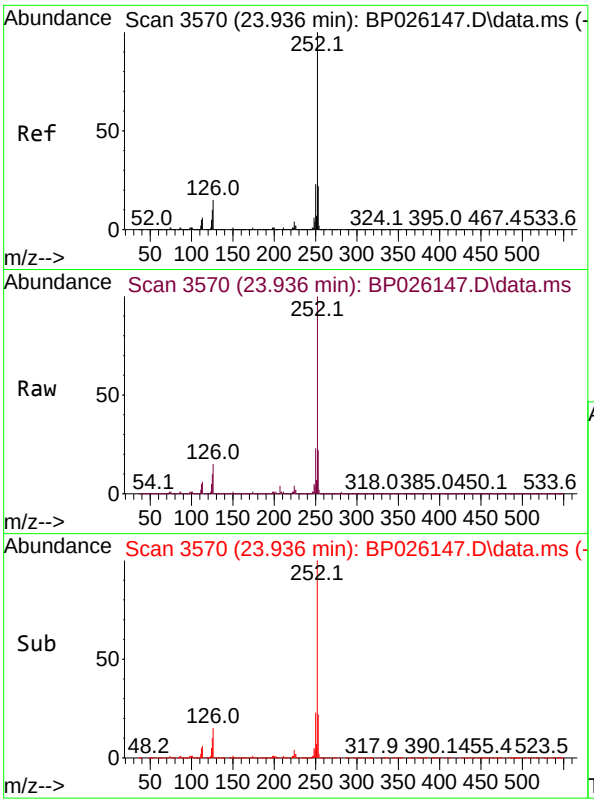


#88
Benzo(b)fluoranthene
Concen: 40.699 ng
RT: 23.865 min Scan# 3558
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:252 Resp: 5552010

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	10.5	8.2	12.4

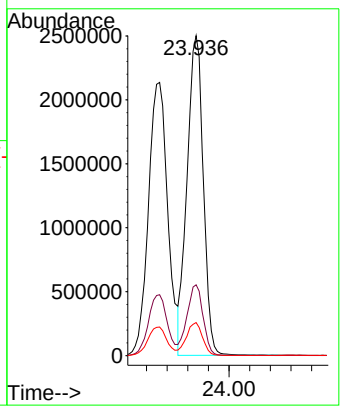




#89
Benzo(k)fluoranthene
Concen: 39.935 ng
RT: 23.936 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:252 Resp: 544457

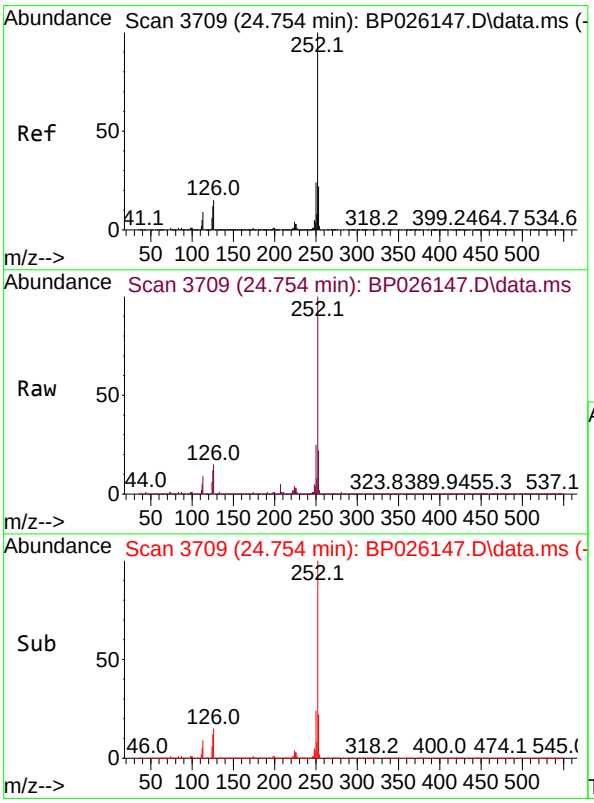
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	10.3	7.5	11.3



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

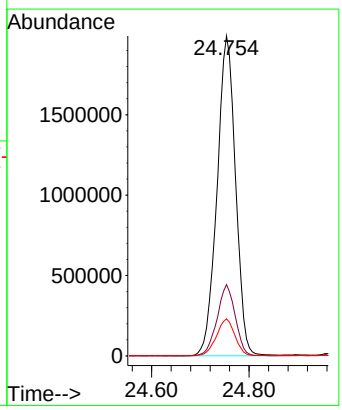
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

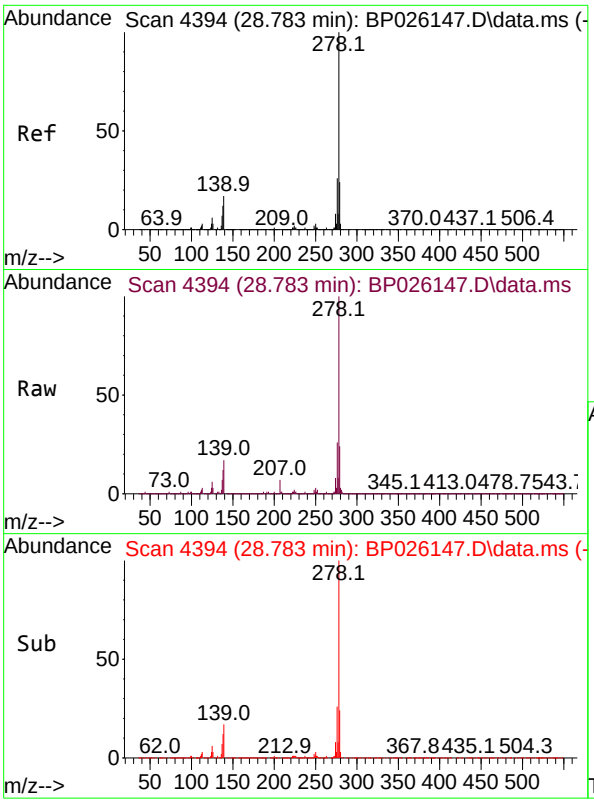


#90
Benzo(a)pyrene
Concen: 40.506 ng
RT: 24.754 min Scan# 3709
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:252 Resp: 5241553

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	11.6	9.0	13.6

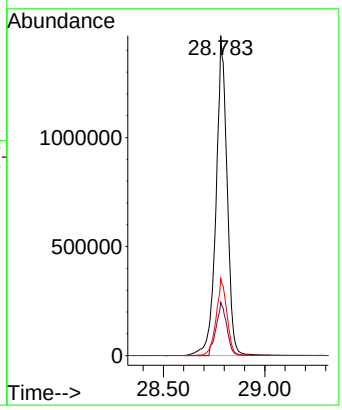




#91
Dibenzo(a,h)anthracene
Concen: 40.515 ng
RT: 28.783 min Scan# 4
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:278 Resp: 555050

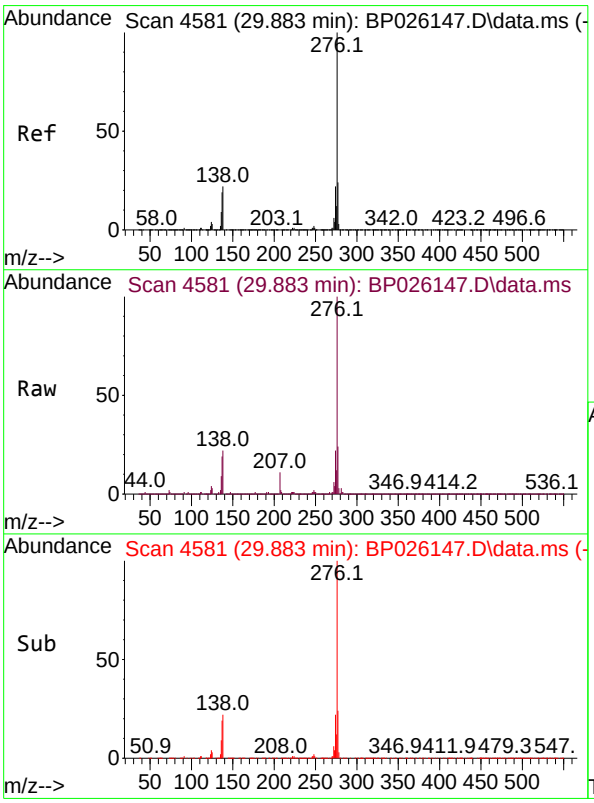
Ion	Ratio	Lower	Upper
278	100		
139	16.7	13.2	19.8
279	24.1	19.2	28.8



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

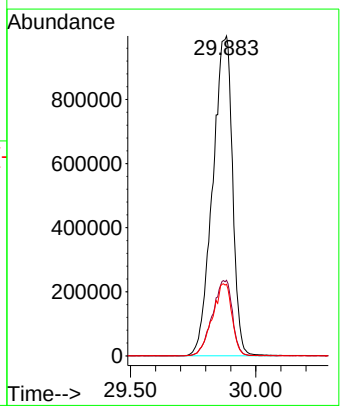
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#92
Benzo(g,h,i)perylene
Concen: 40.345 ng
RT: 29.883 min Scan# 4581
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:276 Resp: 5486208

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.8	28.2
138	22.4	17.8	26.6



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026148.D
Acq On : 18 Nov 2025 18:38
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Quant Time: Nov 19 00:41:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.666	152	284760	20.000	ng		0.00
21) Naphthalene-d8	10.443	136	1214236	20.000	ng		0.00
39) Acenaphthene-d10	14.319	164	797553	20.000	ng		0.00
64) Phenanthrene-d10	17.125	188	1640808	20.000	ng		0.00
76) Chrysene-d12	21.583	240	1705823	20.000	ng		0.01
86) Perylene-d12	24.912	264	1916962	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.290	112	1787355	103.554	ng		0.00
7) Phenol-d6	6.849	99	2324244	106.156	ng		0.00
23) Nitrobenzene-d5	8.813	82	2130648	108.572	ng		0.00
42) 2,4,6-Tribromophenol	15.836	330	1046471	119.774	ng		0.00
45) 2-Fluorobiphenyl	12.925	172	5250598	94.988	ng		0.00
79) Terphenyl-d14	19.877	244	8280260	98.986	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.220	88	357043	49.304	ng		100
3) Pyridine	3.614	79	1057361	51.355	ng		99
4) n-Nitrosodimethylamine	3.525	42	393135	48.177	ng		95
6) Aniline	7.002	93	1522371	52.159	ng		99
8) 2-Chlorophenol	7.243	128	1033720	54.061	ng		100
9) Benzaldehyde	6.819	77	511940	46.418	ng		97
10) Phenol	6.878	94	1252505	51.731	ng		99
11) bis(2-Chloroethyl)ether	7.102	93	970673	50.634	ng		98
12) 1,3-Dichlorobenzene	7.560	146	1088080	49.825	ng		100
13) 1,4-Dichlorobenzene	7.708	146	1100252	49.770	ng		99
14) 1,2-Dichlorobenzene	8.019	146	1053763	49.909	ng		99
15) Benzyl Alcohol	7.907	79	849842	53.672	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.196	45	1369615	47.705	ng		99
17) 2-Methylphenol	8.107	107	855650	53.750	ng		100
18) Hexachloroethane	8.743	117	401949	52.632	ng		97
19) n-Nitroso-di-n-propyla...	8.472	70	739380	54.488	ng		99
20) 3+4-Methylphenols	8.437	107	1173430	53.045	ng		99
22) Acetophenone	8.484	105	1530333	49.988	ng	#	99
24) Nitrobenzene	8.855	77	1083333	52.708	ng		99
25) Isophorone	9.384	82	2155778	51.899	ng		100
26) 2-Nitrophenol	9.560	139	575059	81.975	ng		99
27) 2,4-Dimethylphenol	9.625	122	996274	56.199	ng		99
28) bis(2-Chloroethoxy)met...	9.860	93	1340577	51.133	ng		99
29) 2,4-Dichlorophenol	10.096	162	1002063	54.165	ng		99
30) 1,2,4-Trichlorobenzene	10.307	180	986319	49.160	ng		99
31) Naphthalene	10.496	128	3258341	49.431	ng		99
32) Benzoic acid	9.766	122	836318	78.248	ng		100
33) 4-Chloroaniline	10.596	127	1404875	54.856	ng		99
34) Hexachlorobutadiene	10.784	225	639671	49.818	ng		99
35) Caprolactam	11.384	113	356958	55.200	ng		98
36) 4-Chloro-3-methylphenol	11.731	107	1079361	55.785	ng		98
37) 2-Methylnaphthalene	12.107	142	2347741	50.940	ng		100
38) 1-Methylnaphthalene	12.325	142	2264098	50.528	ng		100
40) 1,2,4,5-Tetrachloroben...	12.484	216	1184632	47.999	ng		100
41) Hexachlorocyclopentadiene	12.472	237	789794	76.949	ng		99
43) 2,4,6-Trichlorophenol	12.719	196	837942	56.757	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026148.D
Acq On : 18 Nov 2025 18:38
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Quant Time: Nov 19 00:41:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.795	196	934561	55.717	ng		99
46) 1,1'-Biphenyl	13.131	154	2928877	48.177	ng		99
47) 2-Chloronaphthalene	13.172	162	2321684	48.576	ng		99
48) 2-Nitroaniline	13.372	65	669977	60.939	ng		96
49) Acenaphthylene	14.031	152	3873345	54.828	ng		100
50) Dimethylphthalate	13.766	163	2930655	50.746	ng		100
51) 2,6-Dinitrotoluene	13.878	165	622671	64.134	ng		98
52) Acenaphthene	14.384	154	2275322	48.135	ng		99
53) 3-Nitroaniline	14.213	138	725831	61.795	ng		97
54) 2,4-Dinitrophenol	14.419	184	372594	83.625	ng		95
55) Dibenzofuran	14.725	168	3514504	48.822	ng		99
56) 4-Nitrophenol	14.537	139	626548	53.593	ng		98
57) 2,4-Dinitrotoluene	14.684	165	925879	65.348	ng		99
58) Fluorene	15.389	166	2739619	48.440	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.954	232	791779	59.606	ng		100
60) Diethylphthalate	15.166	149	2976494	51.232	ng		100
61) 4-Chlorophenyl-phenyle...	15.389	204	1378247	48.888	ng		97
62) 4-Nitroaniline	15.401	138	734482	58.965	ng		100
63) Azobenzene	15.689	77	2549241	48.803	ng		99
65) 4,6-Dinitro-2-methylph...	15.460	198	539726	77.066	ng		98
66) n-Nitrosodiphenylamine	15.601	169	2501945	48.943	ng		100
67) 4-Bromophenyl-phenylether	16.295	248	906367	49.759	ng		98
68) Hexachlorobenzene	16.419	284	1044994	50.429	ng		98
69) Atrazine	16.584	200	954570	54.471	ng		98
70) Pentachlorophenol	16.772	266	733498	56.819	ng		99
71) Phenanthrene	17.172	178	4521516	47.698	ng		100
72) Anthracene	17.260	178	4603902	48.679	ng		100
73) Carbazole	17.542	167	4285462	48.149	ng		99
74) Di-n-butylphthalate	18.160	149	5349681	53.150	ng		100
75) Fluoranthene	19.266	202	5367252	48.317	ng		100
77) Benzidine	19.466	184	2691261	60.082	ng		99
78) Pyrene	19.648	202	5584319	49.020	ng		99
80) Butylbenzylphthalate	20.613	149	2508473	65.680	ng		98
81) Benzo(a)anthracene	21.560	228	5754455	49.402	ng		100
82) 3,3'-Dichlorobenzidine	21.483	252	2099346	54.722	ng		99
83) Chrysene	21.630	228	5399638	48.904	ng		99
84) Bis(2-ethylhexyl)phtha...	21.524	149	3735211	59.805	ng		99
85) Di-n-octyl phthalate	22.813	149	6624425	62.248	ng		100
87) Indeno(1,2,3-cd)pyrene	28.706	276	7108078	50.540	ng	#	95
88) Benzo(b)fluoranthene	23.871	252	5855690	49.795	ng		99
89) Benzo(k)fluoranthene	23.942	252	5812408	48.345	ng		99
90) Benzo(a)pyrene	24.771	252	5498511	50.567	ng		99
91) Dibenzo(a,h)anthracene	28.777	278	5794869	50.535	ng		99
92) Benzo(g,h,i)perylene	29.865	276	5679489	51.276	ng		99

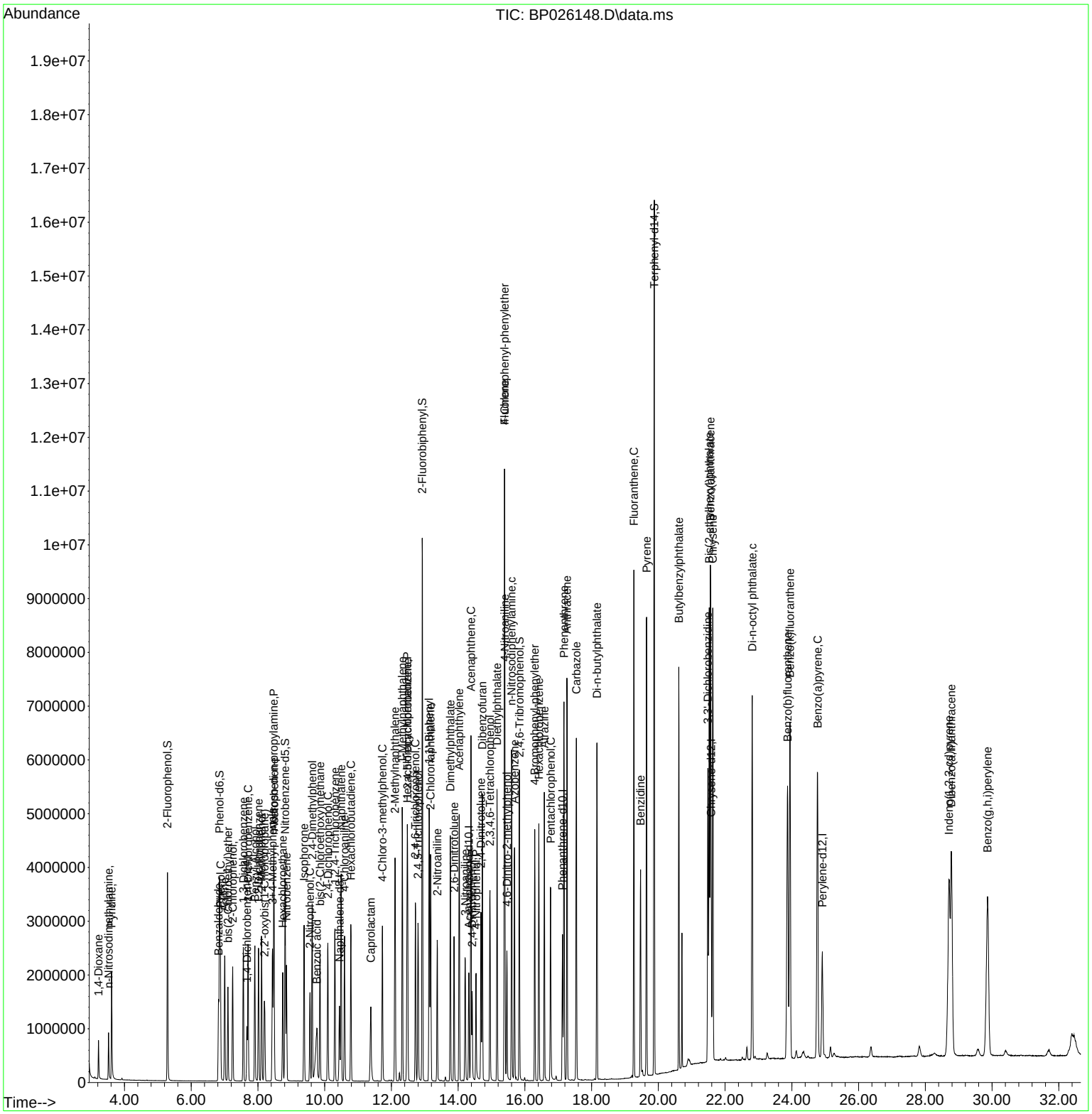
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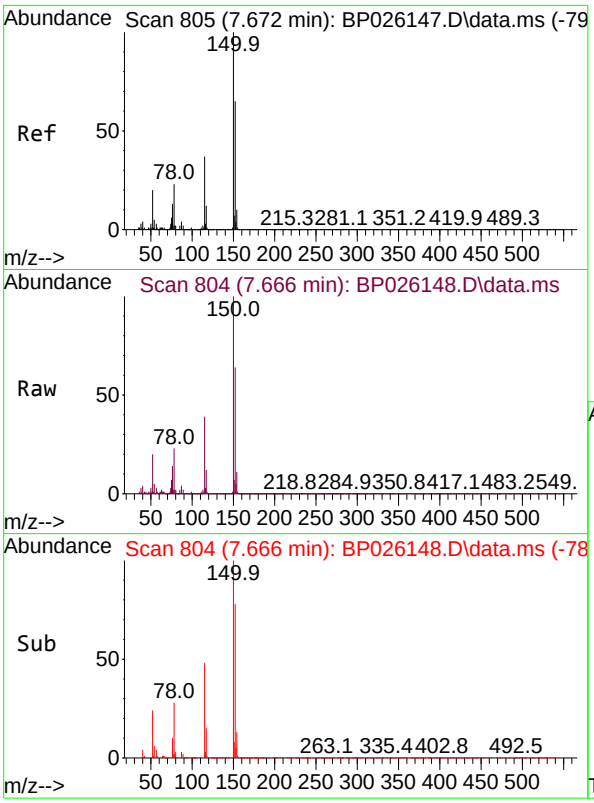
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026148.D
Acq On : 18 Nov 2025 18:38
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Quant Time: Nov 19 00:41:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration



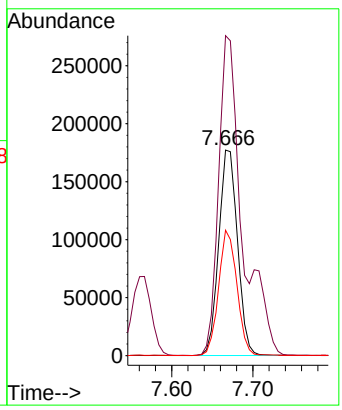


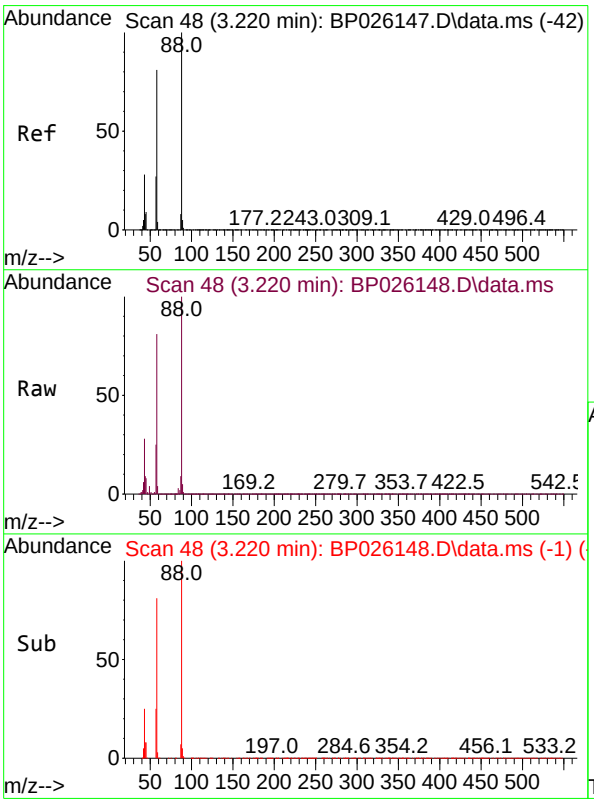
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.666 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 284760

Ion	Ratio	Lower	Upper
152	100		
150	155.6	123.0	184.6
115	61.0	46.3	69.5

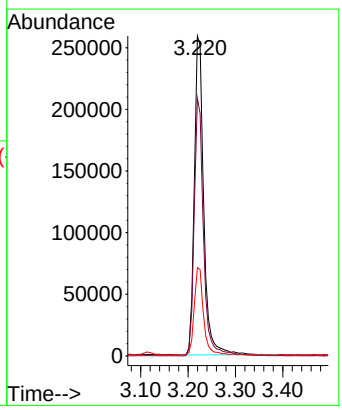


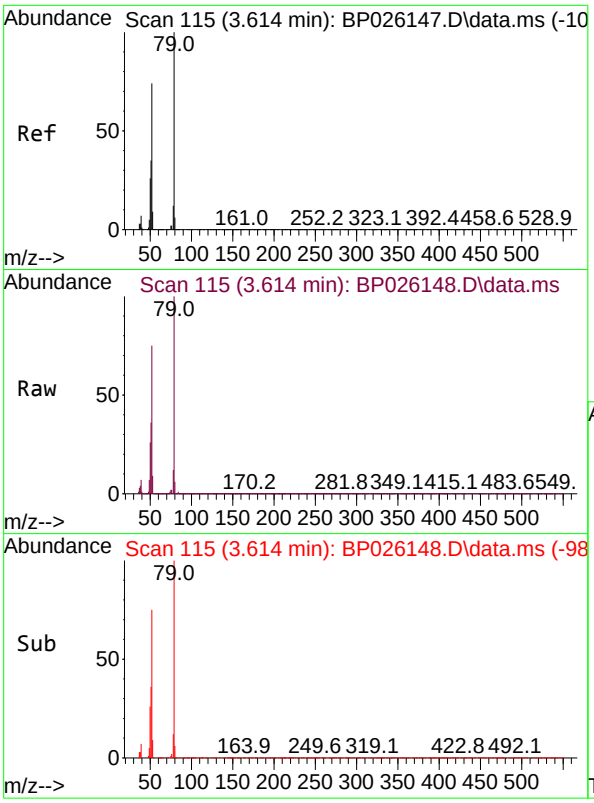


#2
1,4-Dioxane
Concen: 49.304 ng
RT: 3.220 min Scan# 48
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion: 88 Resp: 357043

Ion	Ratio	Lower	Upper
88	100		
58	80.2	64.2	96.4
43	27.0	21.5	32.3



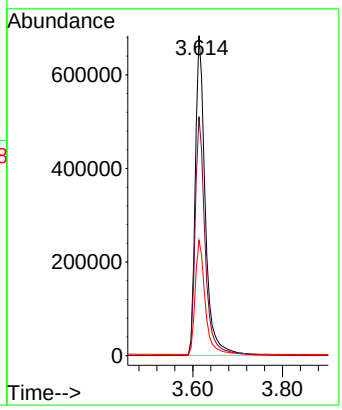


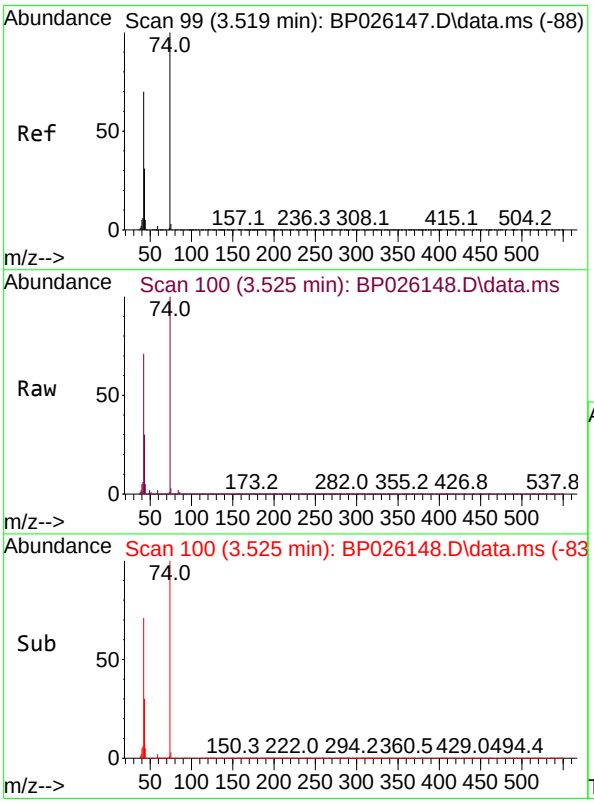
#3
Pyridine
Concen: 51.355 ng
RT: 3.614 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 1057361

Ion	Ratio	Lower	Upper
79	100		
52	74.7	60.2	90.2
51	36.0	29.5	44.3

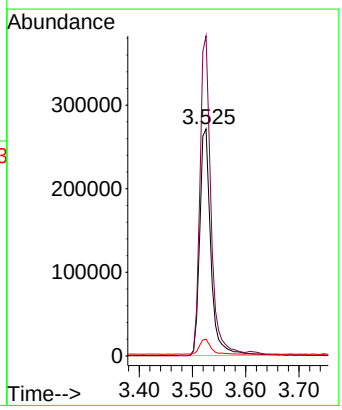


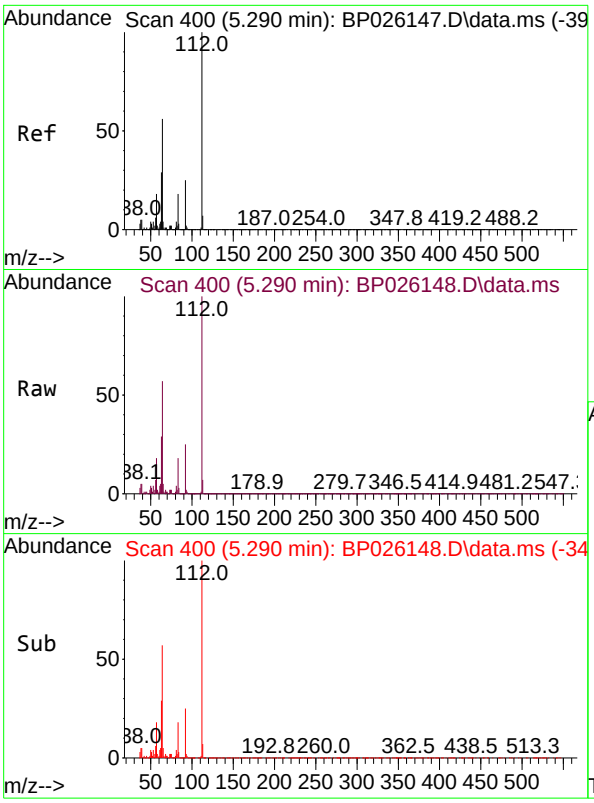


#4
n-Nitrosodimethylamine
Concen: 48.177 ng
RT: 3.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion: 42 Resp: 393135

Ion	Ratio	Lower	Upper
42	100		
74	141.0	118.1	177.1
44	7.4	6.2	9.4



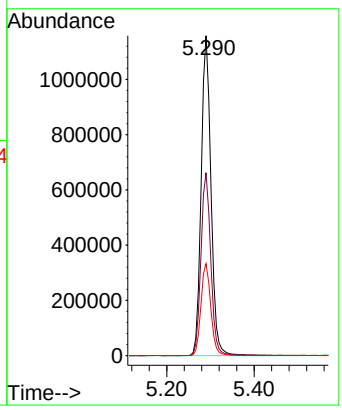


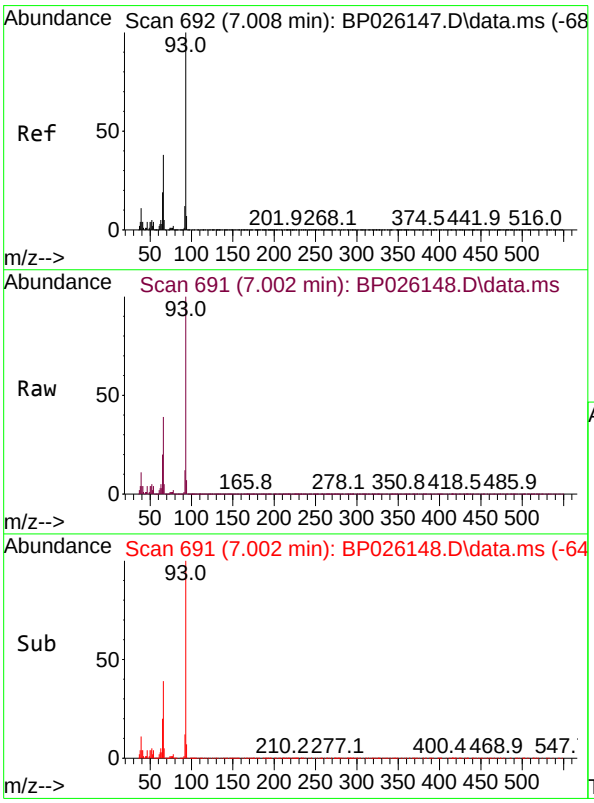
#5
2-Fluorophenol
Concen: 103.554 ng
RT: 5.290 min Scan# 40
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:112 Resp: 1787355

Ion	Ratio	Lower	Upper
112	100		
64	57.2	45.8	68.6
63	28.8	23.5	35.3

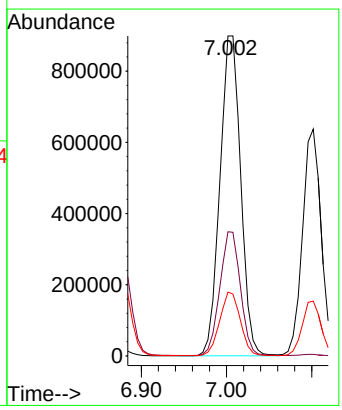


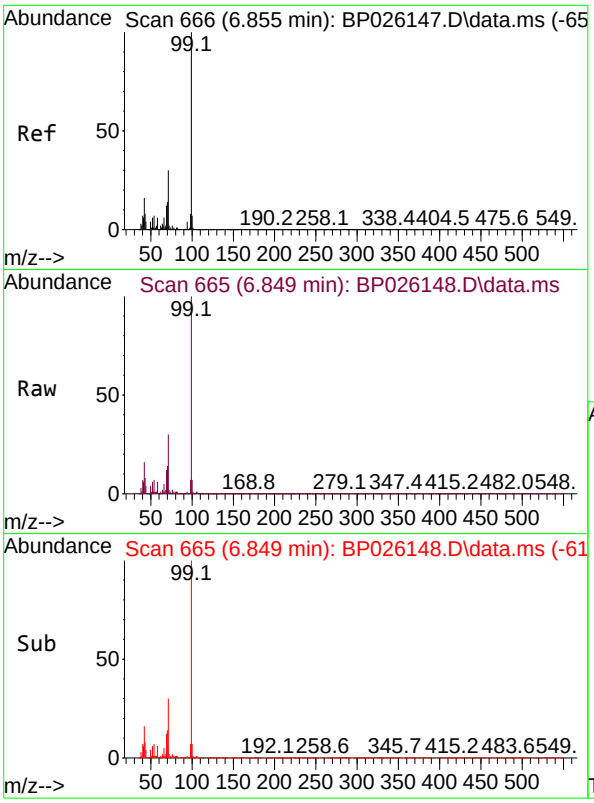


#6
Aniline
Concen: 52.159 ng
RT: 7.002 min Scan# 691
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion: 93 Resp: 1522371

Ion	Ratio	Lower	Upper
93	100		
66	38.8	31.7	47.5
65	19.9	15.8	23.6



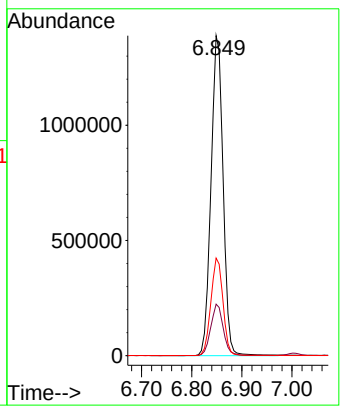


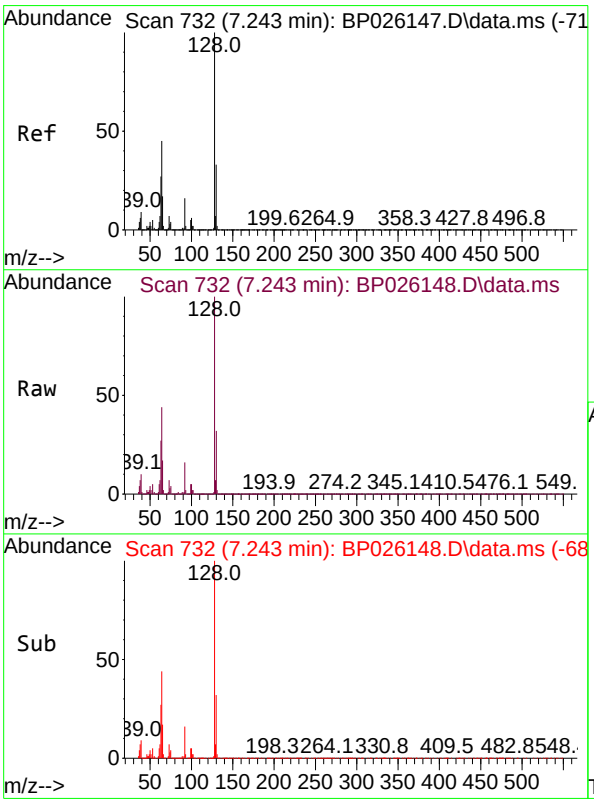
#7
Phenol-d6
Concen: 106.156 ng
RT: 6.849 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 99 Resp: 2324244

Ion	Ratio	Lower	Upper
99	100		
42	16.1	12.9	19.3
71	30.5	24.8	37.2

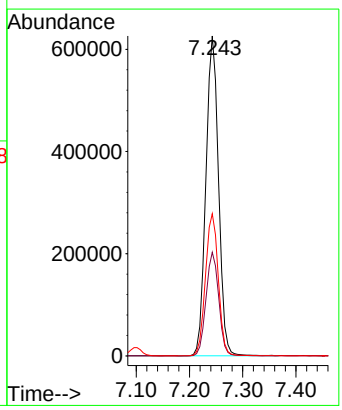


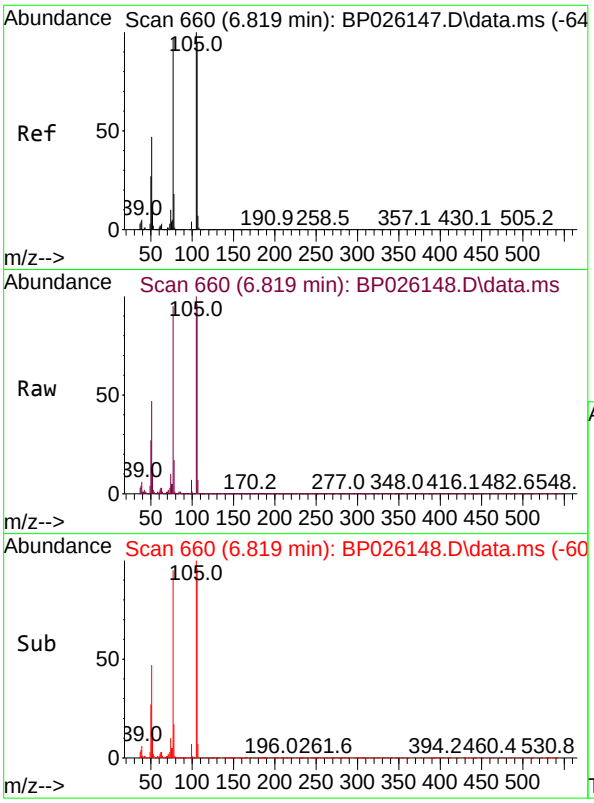


#8
2-Chlorophenol
Concen: 54.061 ng
RT: 7.243 min Scan# 732
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:128 Resp: 1033720

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.4	52.4
64	44.4	23.9	63.9



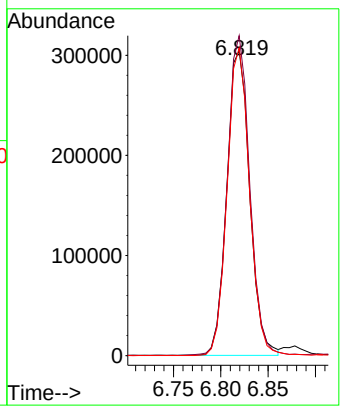


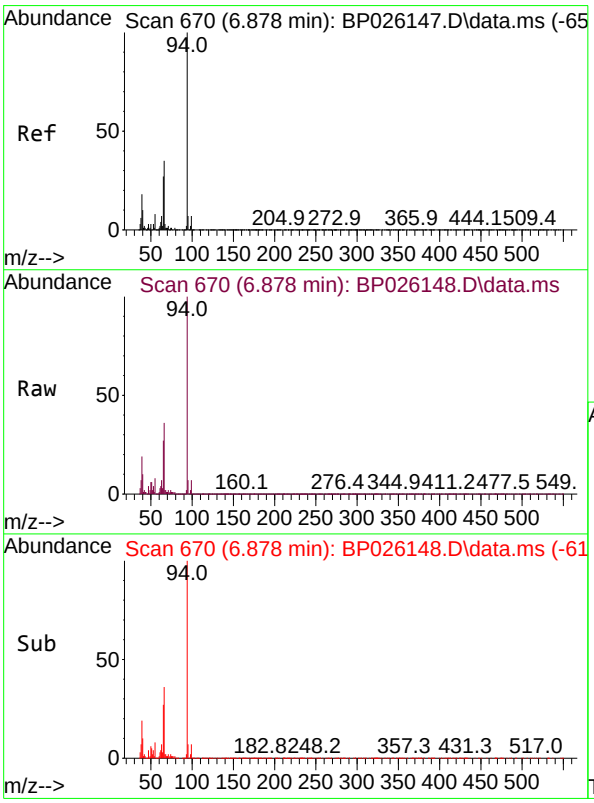
#9
Benzaldehyde
Concen: 46.418 ng
RT: 6.819 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 511940

Ion	Ratio	Lower	Upper
77	100		
105	105.0	82.9	122.9
106	101.0	77.8	117.8

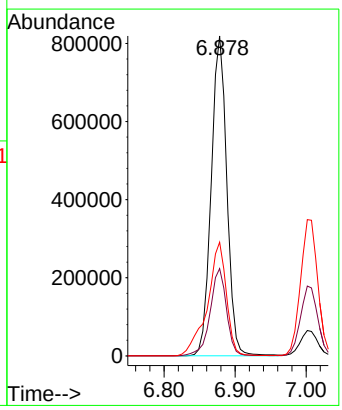


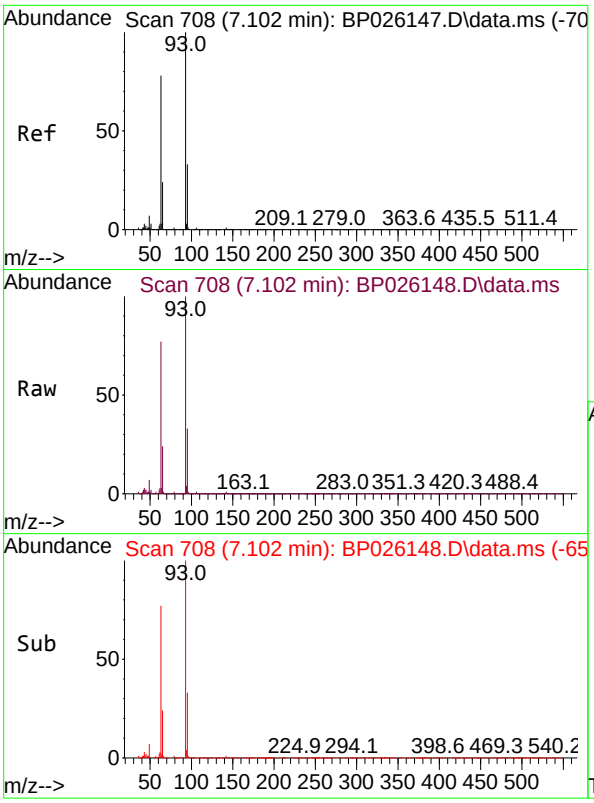


#10
Phenol
Concen: 51.731 ng
RT: 6.878 min Scan# 670
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion: 94 Resp: 1252505

Ion	Ratio	Lower	Upper
94	100		
65	27.3	7.0	47.0
66	35.5	14.5	54.5



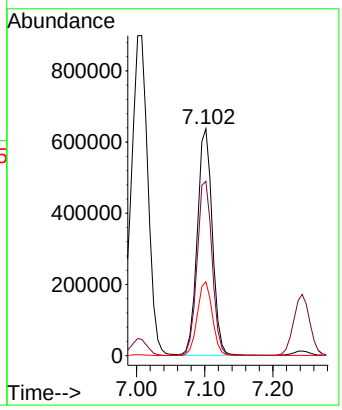


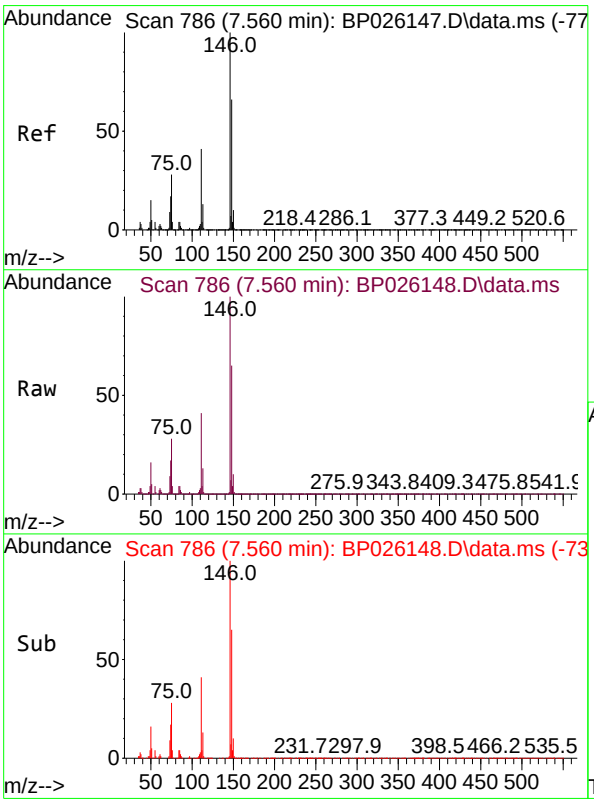
#11
bis(2-Chloroethyl)ether
Concen: 50.634 ng
RT: 7.102 min Scan# 70
Delta R.T. 0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 93 Resp: 970673

Ion	Ratio	Lower	Upper
93	100		
63	76.9	58.8	98.8
95	32.6	12.1	52.1

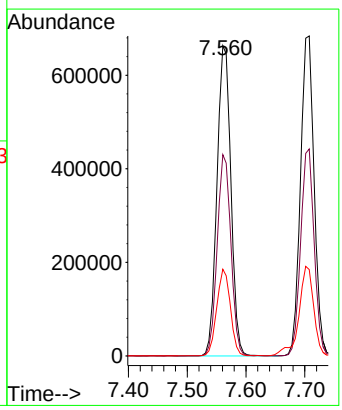


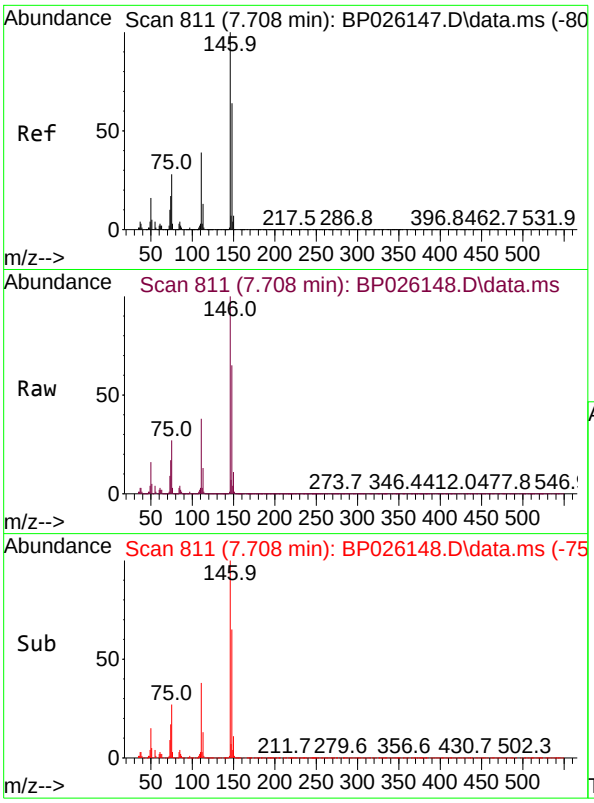


#12
1,3-Dichlorobenzene
Concen: 49.825 ng
RT: 7.560 min Scan# 786
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:146 Resp: 1088080

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.8	77.8
75	27.9	22.2	33.2



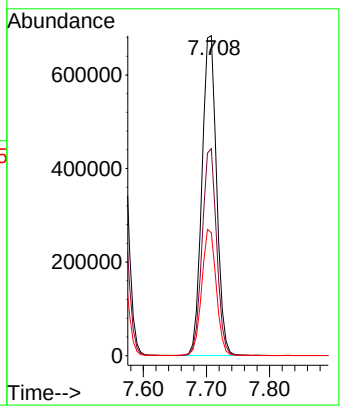


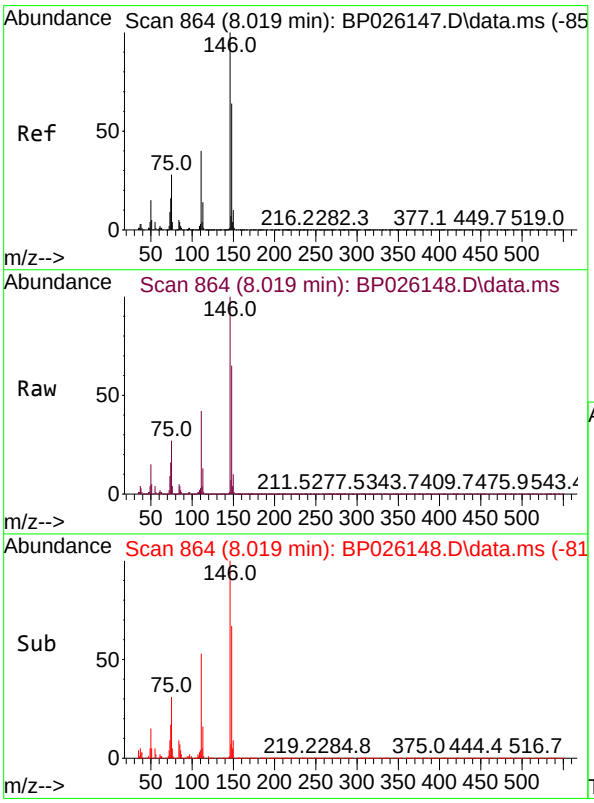
#13
1,4-Dichlorobenzene
Concen: 49.770 ng
RT: 7.708 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:146 Resp: 1100252

Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.4	77.2
111	38.4	31.7	47.5

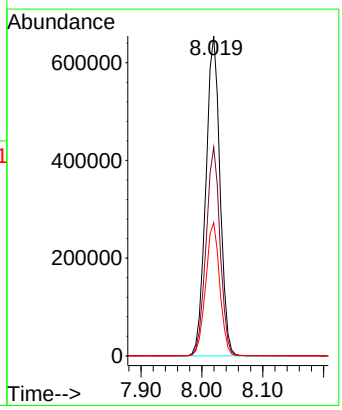


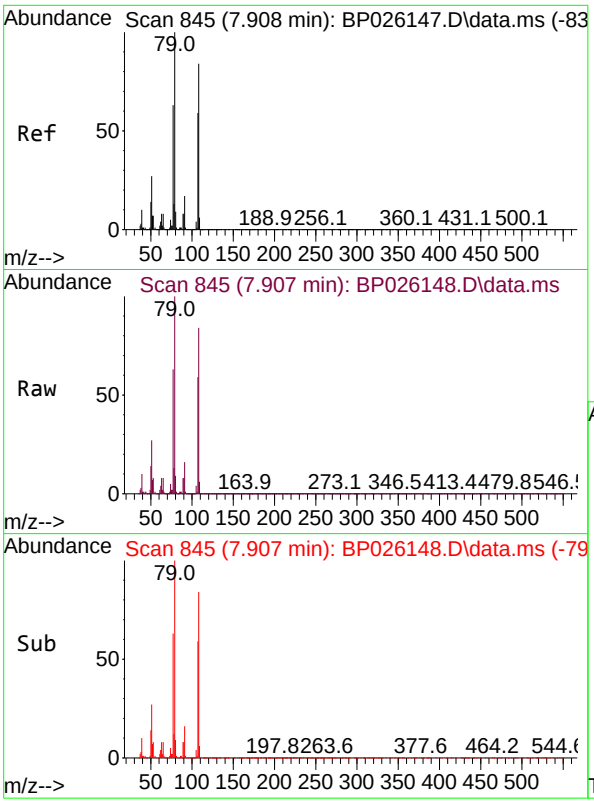


#14
1,2-Dichlorobenzene
Concen: 49.909 ng
RT: 8.019 min Scan# 864
Delta R.T. 0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:146 Resp: 1053763

Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.0	76.6
111	41.6	33.0	49.4



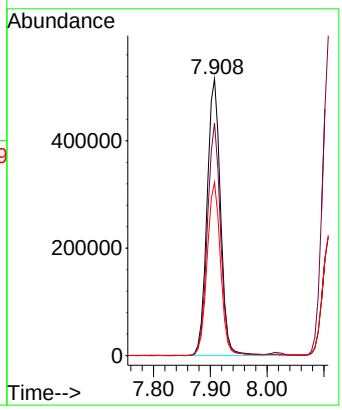


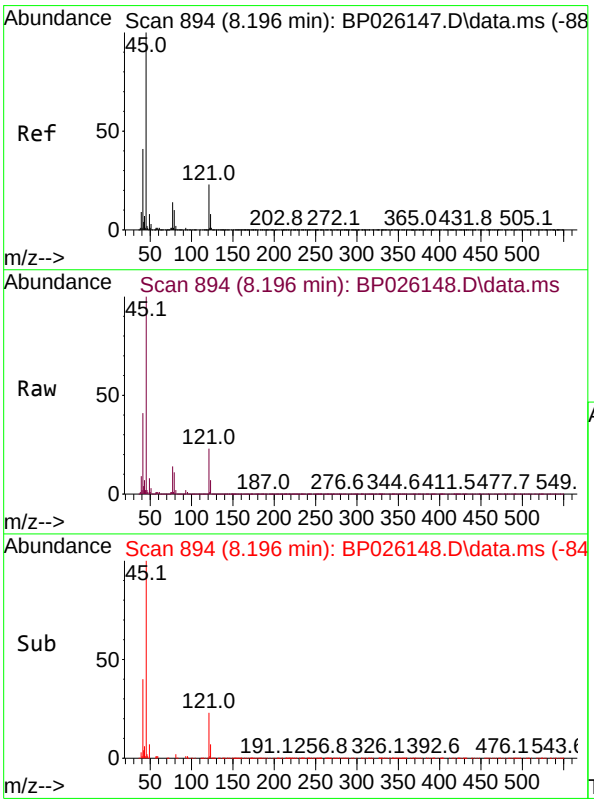
#15
Benzyl Alcohol
Concen: 53.672 ng
RT: 7.907 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 849842

Ion	Ratio	Lower	Upper
79	100		
108	84.1	66.2	99.4
77	62.6	50.0	75.0

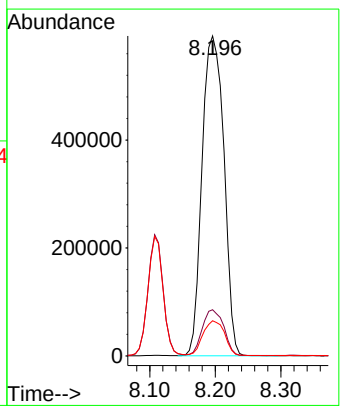


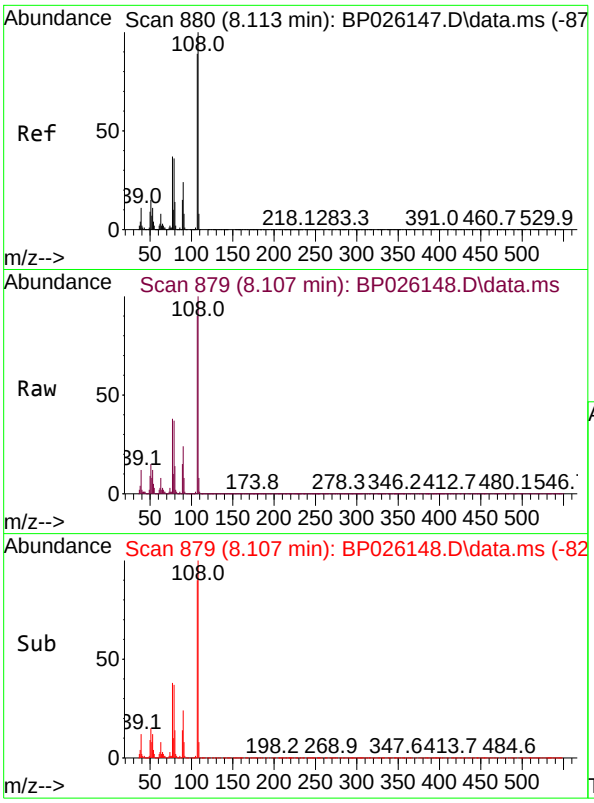


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.705 ng
RT: 8.196 min Scan# 894
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion: 45 Resp: 1369615

Ion	Ratio	Lower	Upper
45	100		
77	14.4	0.0	33.9
79	11.0	0.0	30.4



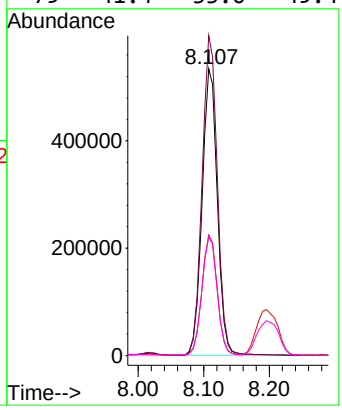


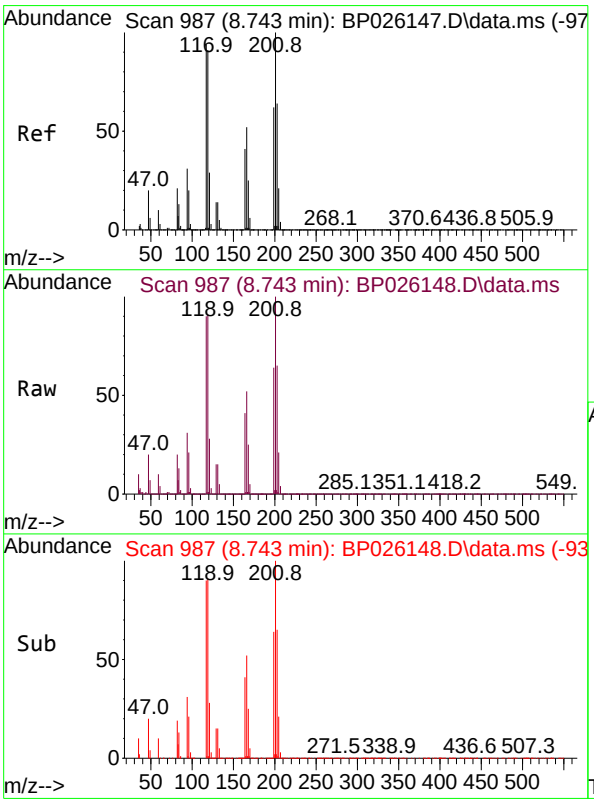
#17
2-Methylphenol
Concen: 53.750 ng
RT: 8.107 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:107 Resp: 855650

Ion	Ratio	Lower	Upper
107	100		
108	111.6	89.7	134.5
77	42.1	33.9	50.9
79	41.4	33.0	49.4

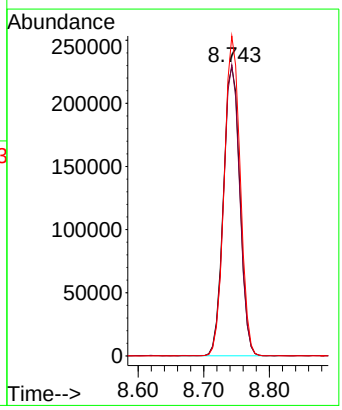


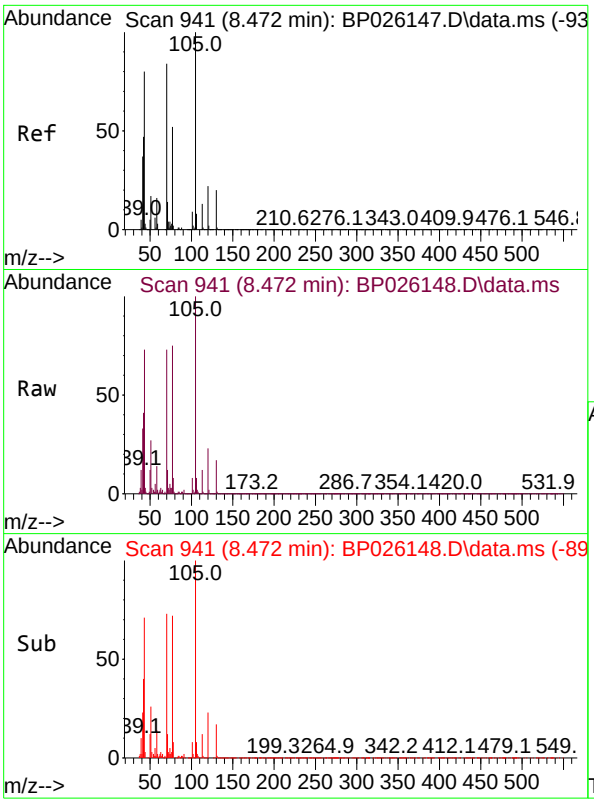


#18
Hexachloroethane
Concen: 52.632 ng
RT: 8.743 min Scan# 987
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:117 Resp: 401949

Ion	Ratio	Lower	Upper
117	100		
119	100.7	78.7	118.1
201	110.7	85.1	127.7



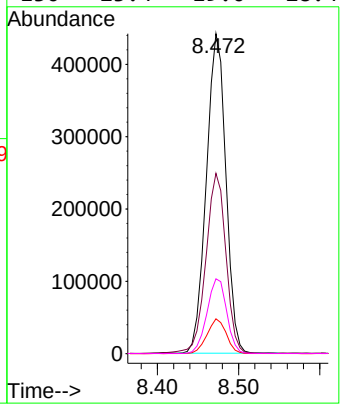


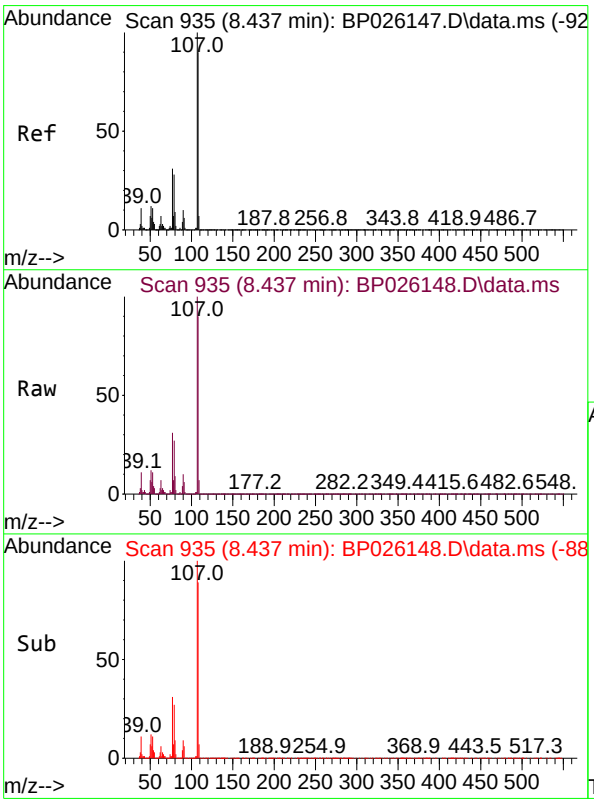
#19
n-Nitroso-di-n-propylamine
Concen: 54.488 ng
RT: 8.472 min Scan# 94
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 70 Resp: 739380

Ion	Ratio	Lower	Upper
70	100		
42	56.3	44.1	66.1
101	10.9	8.2	12.4
130	23.4	19.0	28.4

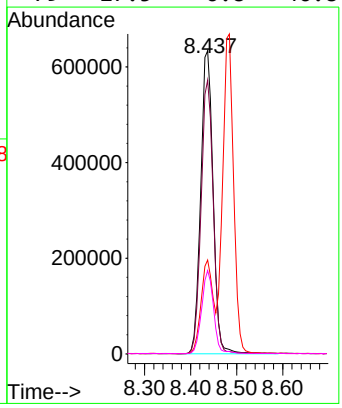


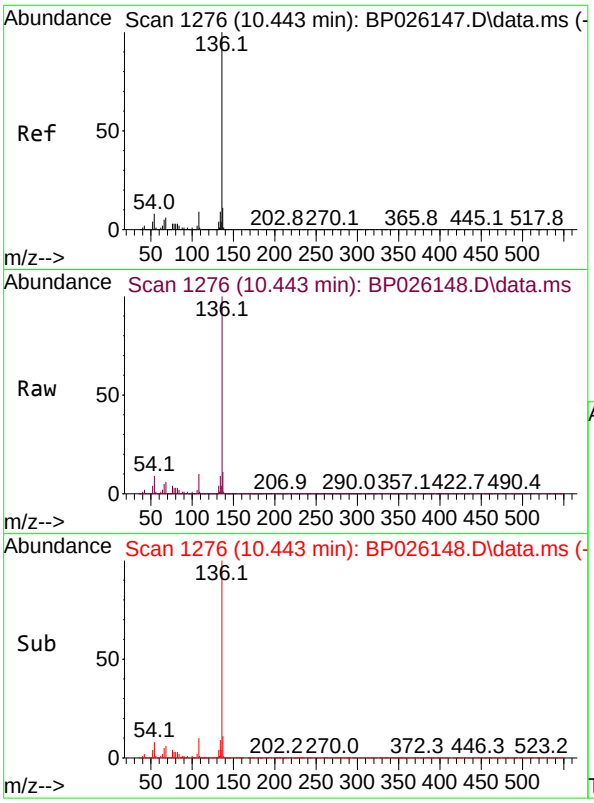


#20
3+4-Methylphenols
Concen: 53.045 ng
RT: 8.437 min Scan# 935
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:107 Resp: 1173430

Ion	Ratio	Lower	Upper
107	100		
108	90.3	68.9	108.9
77	31.0	10.4	50.4
79	27.5	6.8	46.8



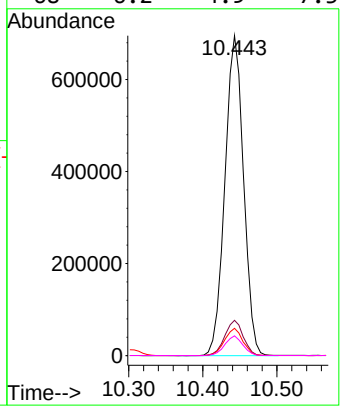


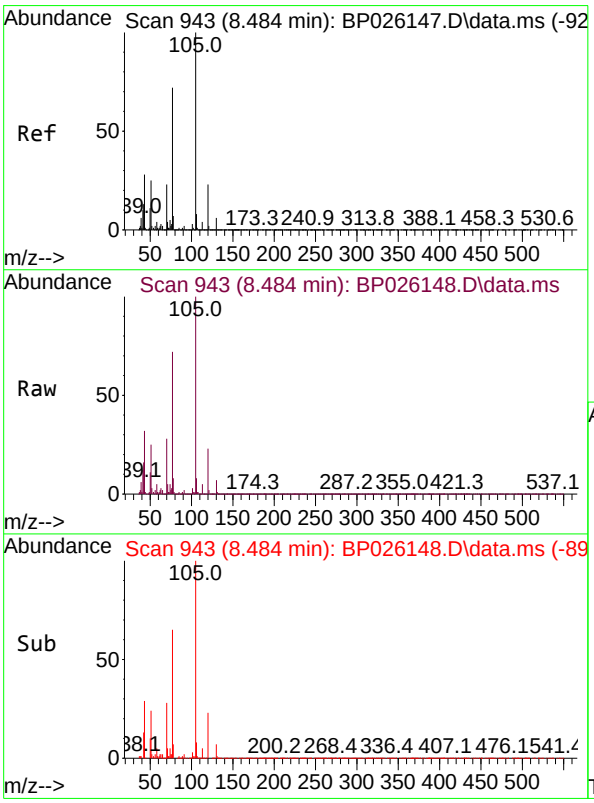
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:136 Resp: 1214236

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	8.5	6.4	9.6
68	6.2	4.9	7.3

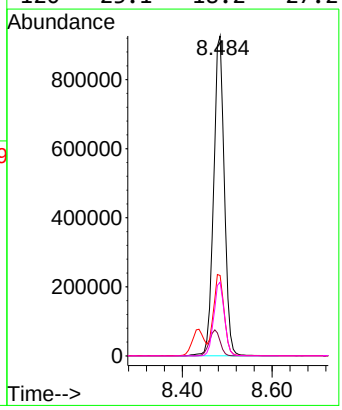


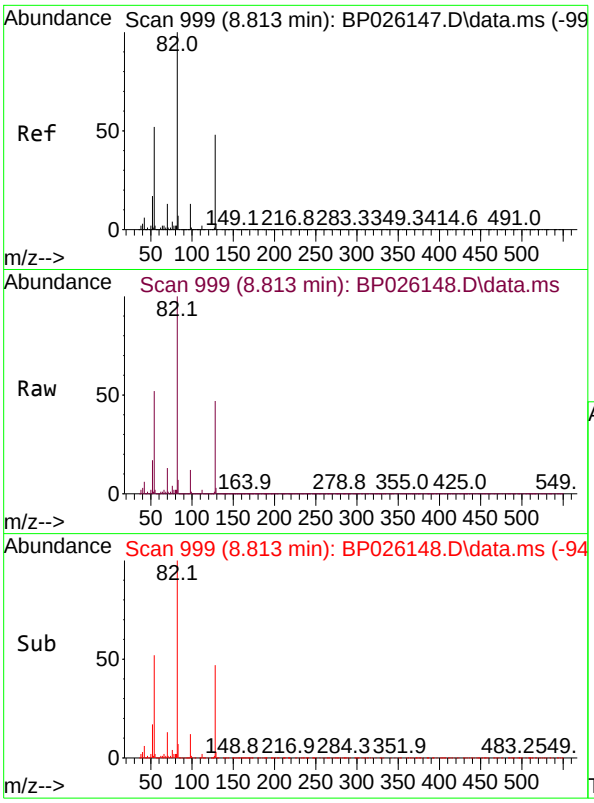


#22
Acetophenone
Concen: 49.988 ng
RT: 8.484 min Scan# 943
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:105 Resp: 1530333

Ion	Ratio	Lower	Upper
105	100		
71	4.6	3.0	4.4#
51	25.1	20.5	30.7
120	23.1	18.2	27.2



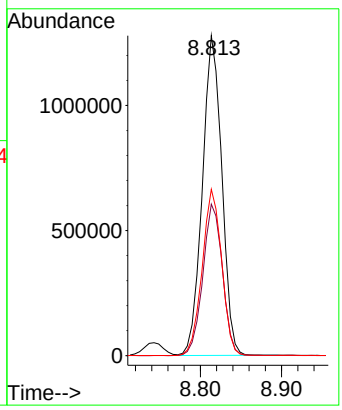


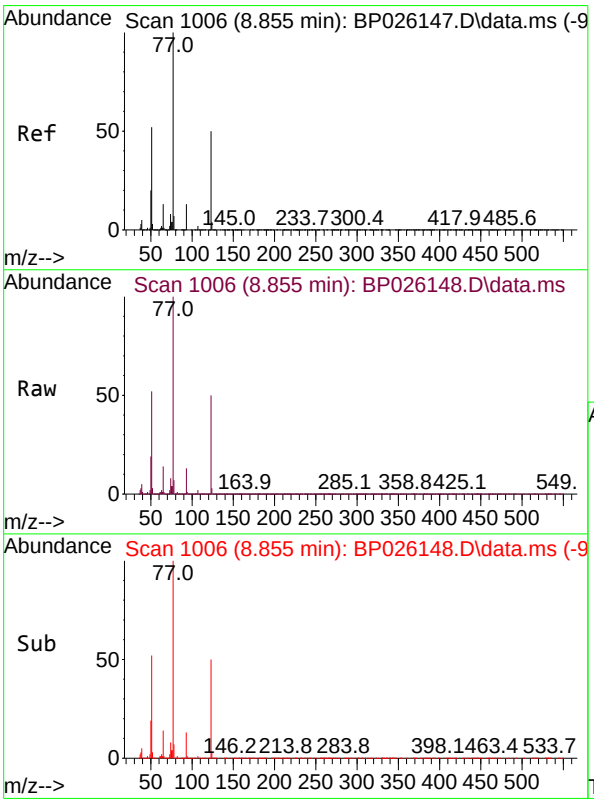
#23
Nitrobenzene-d5
Concen: 108.572 ng
RT: 8.813 min Scan# 99
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 2130648

Ion	Ratio	Lower	Upper
82	100		
128	47.3	37.4	56.0
54	52.0	41.6	62.4

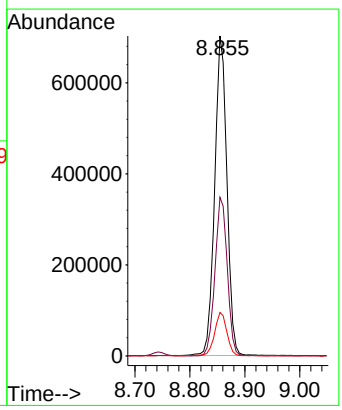


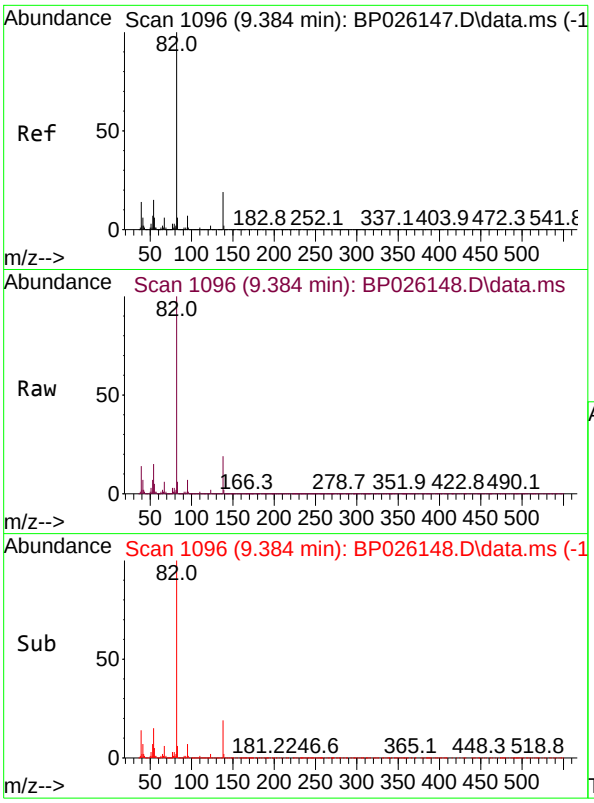


#24
Nitrobenzene
Concen: 52.708 ng
RT: 8.855 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion: 77 Resp: 1083333

Ion	Ratio	Lower	Upper
77	100		
123	49.5	39.8	59.8
65	13.6	11.2	16.8



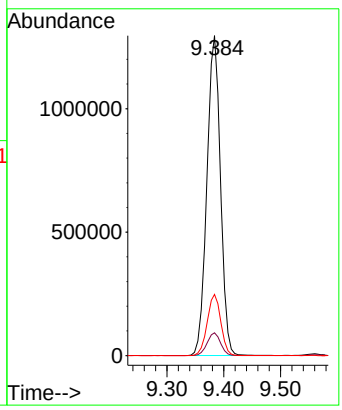


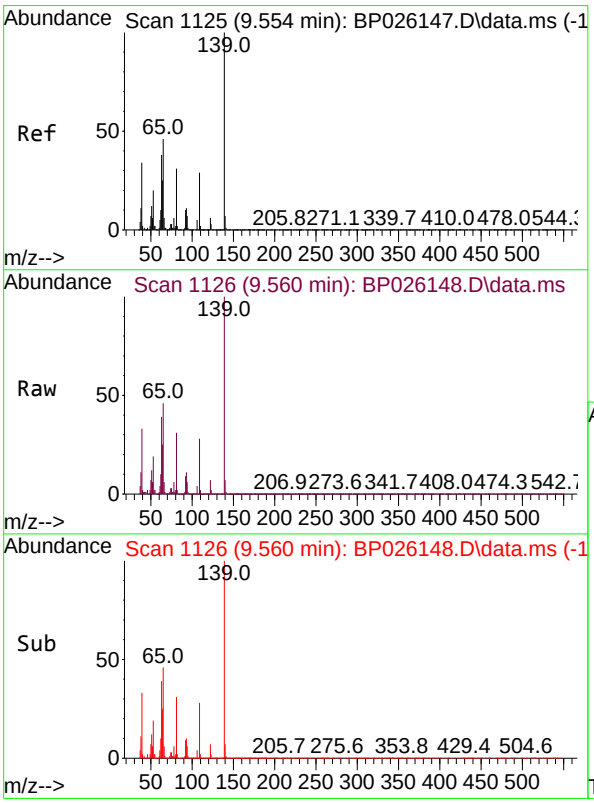
#25
Isophorone
Concen: 51.899 ng
RT: 9.384 min Scan# 10
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 2155778

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.4	8.0
138	19.1	15.4	23.0

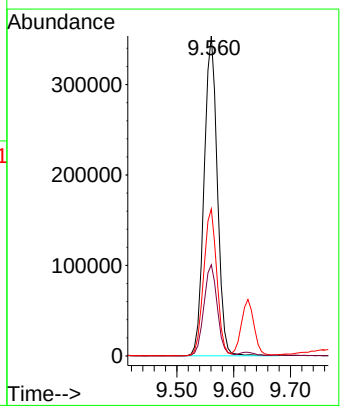


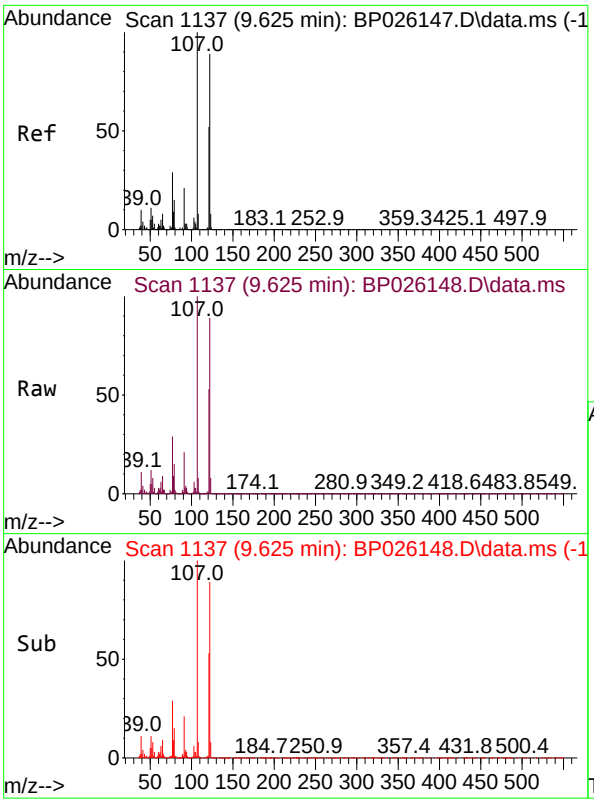


#26
2-Nitrophenol
Concen: 81.975 ng
RT: 9.560 min Scan# 1126
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:139 Resp: 575059

Ion	Ratio	Lower	Upper
139	100		
109	28.5	22.3	33.5
65	45.9	37.2	55.8



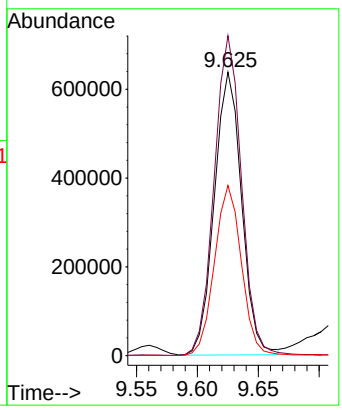


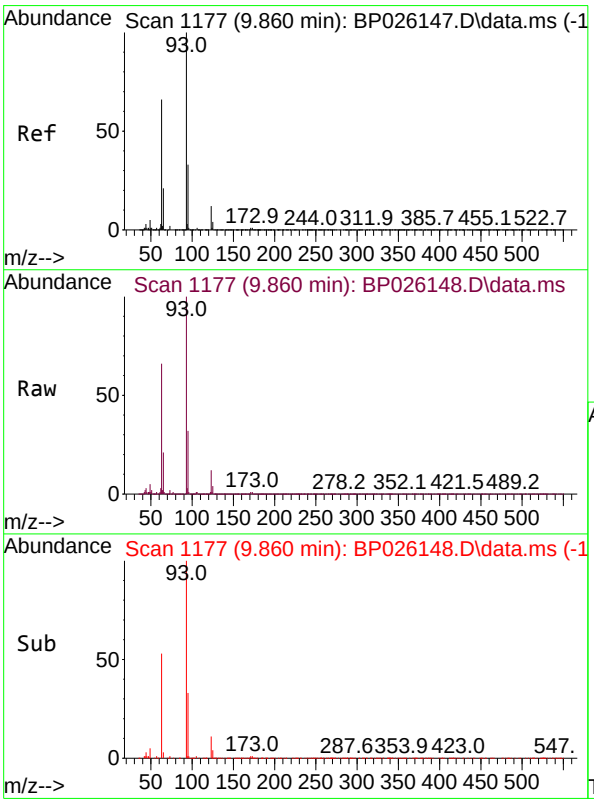
#27
2,4-Dimethylphenol
Concen: 56.199 ng
RT: 9.625 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:122 Resp: 996274

Ion	Ratio	Lower	Upper
122	100		
107	112.9	91.0	136.6
121	60.1	47.0	70.6

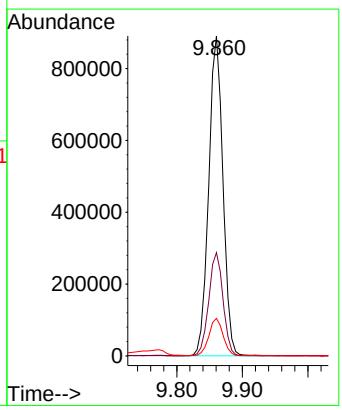


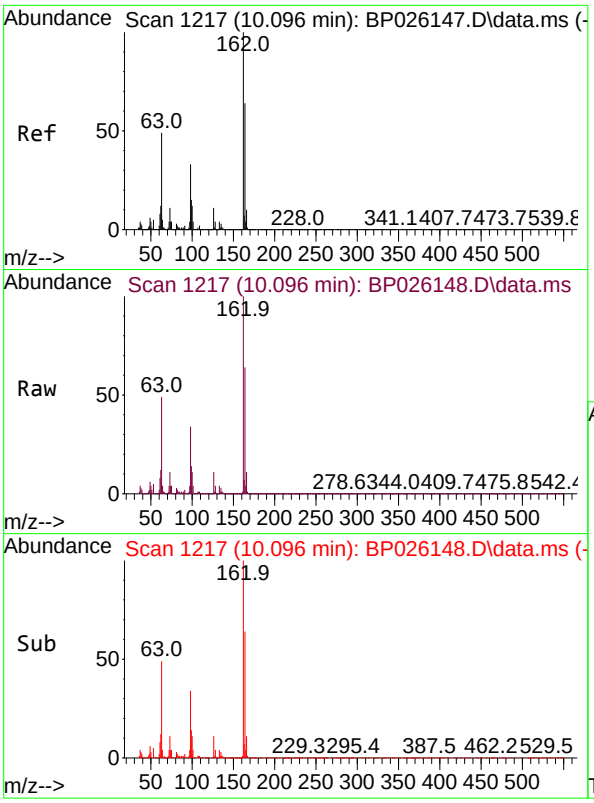


#28
bis(2-Chloroethoxy)methane
Concen: 51.133 ng
RT: 9.860 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion: 93 Resp: 1340577

Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.4	39.6
123	11.7	9.4	14.0



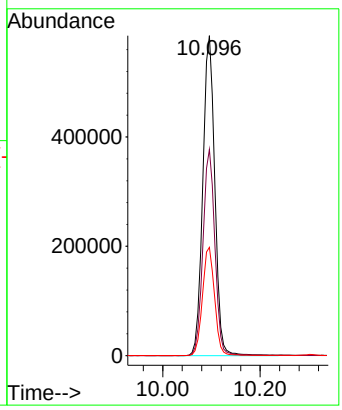


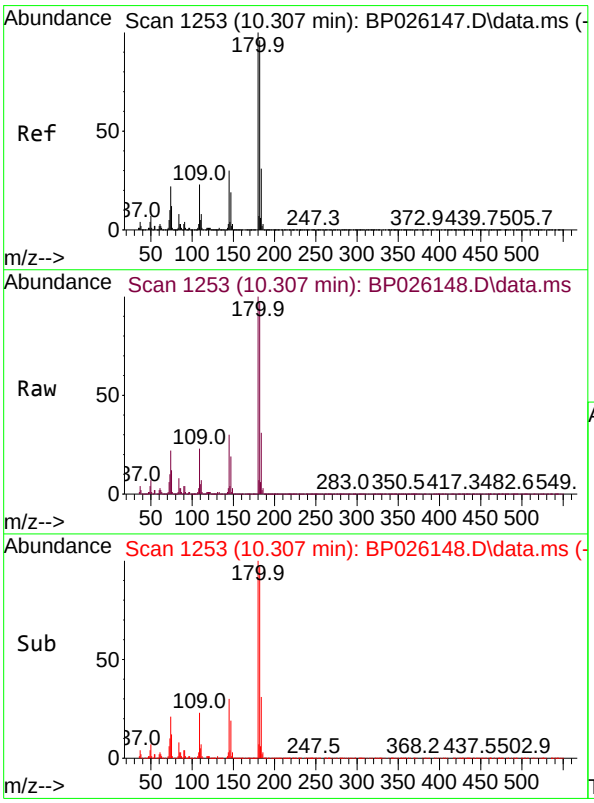
#29
2,4-Dichlorophenol
Concen: 54.165 ng
RT: 10.096 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 1002063

Ion	Ratio	Lower	Upper
162	100		
164	64.4	43.8	83.8
98	33.8	14.1	54.1

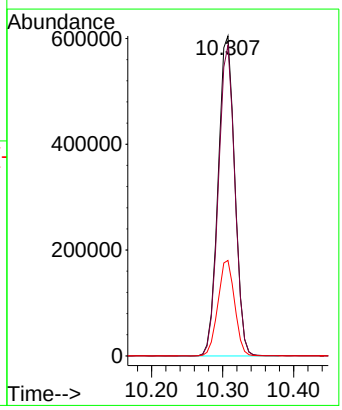


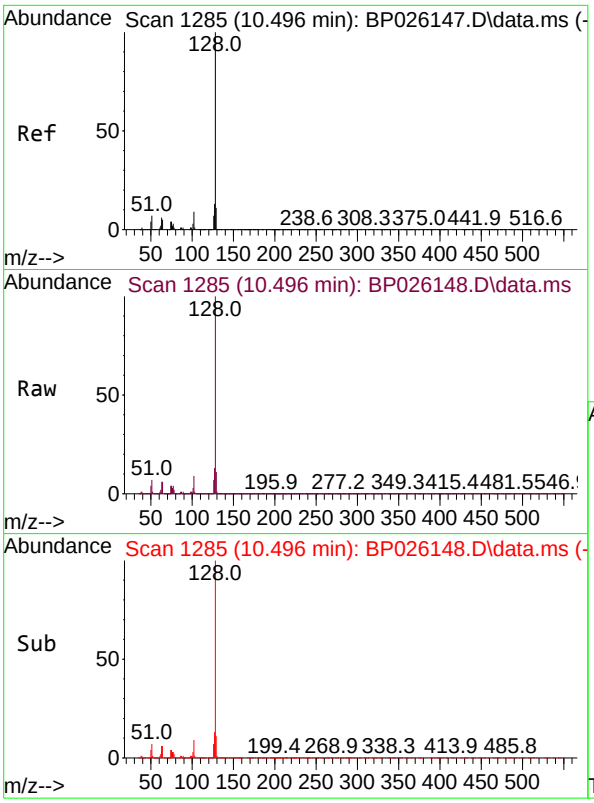


#30
1,2,4-Trichlorobenzene
Concen: 49.160 ng
RT: 10.307 min Scan# 1253
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:180 Resp: 986319

Ion	Ratio	Lower	Upper
180	100		
182	97.0	78.1	117.1
145	29.8	24.2	36.4



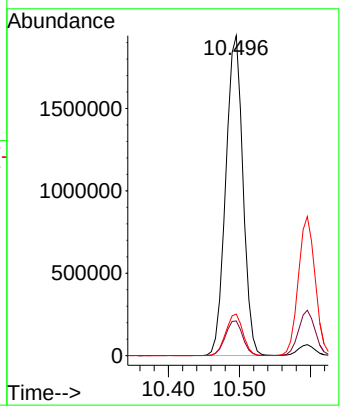


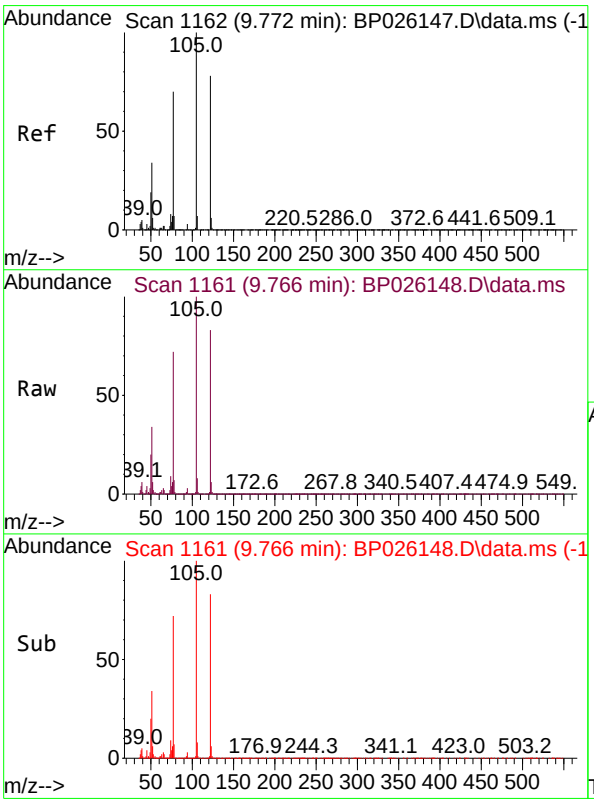
#31
Naphthalene
Concen: 49.431 ng
RT: 10.496 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:128 Resp: 3258341

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.6
127	13.0	10.2	15.4

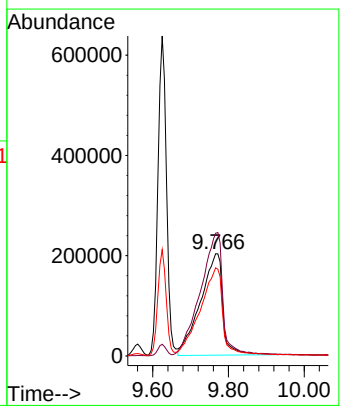


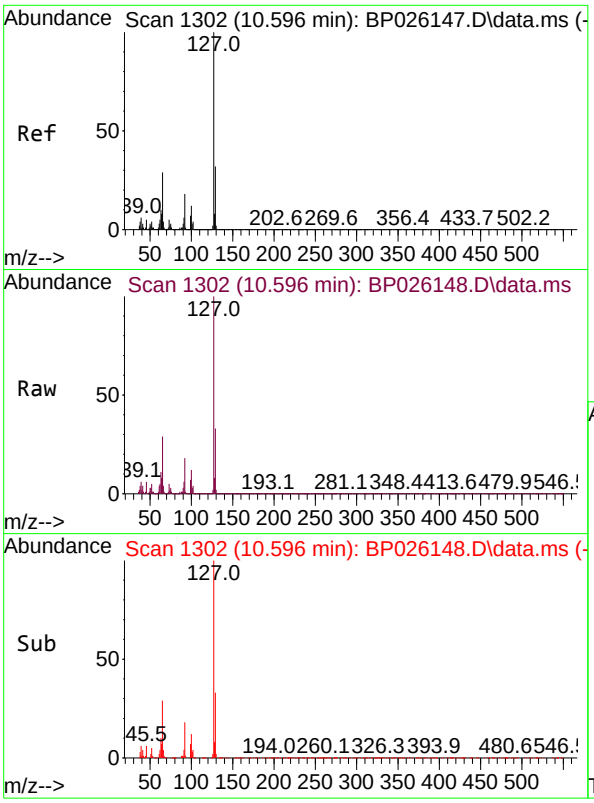


#32
Benzoic acid
Concen: 78.248 ng
RT: 9.766 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:122 Resp: 836318

Ion	Ratio	Lower	Upper
122	100		
105	120.1	100.1	140.1
77	86.2	66.7	106.7



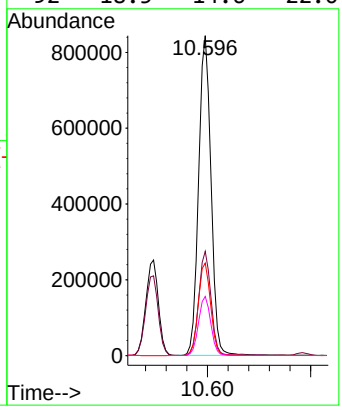


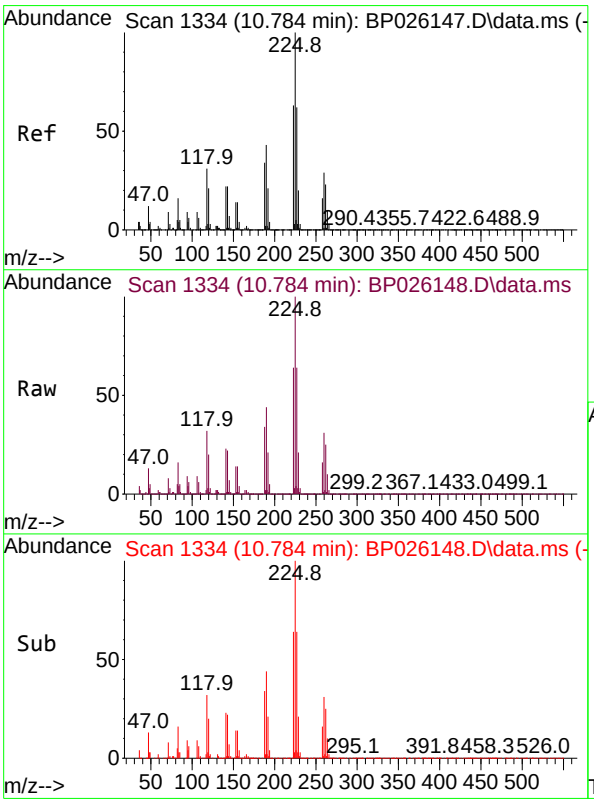
#33
4-Chloroaniline
Concen: 54.856 ng
RT: 10.596 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:127 Resp: 1404875

Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.8	38.8
65	28.9	22.7	34.1
92	18.5	14.6	22.0

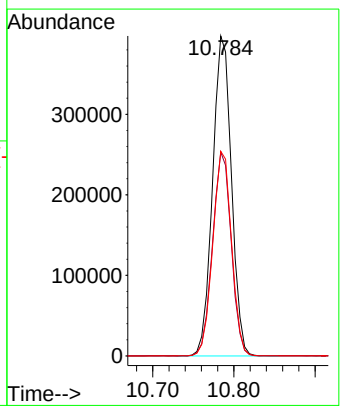


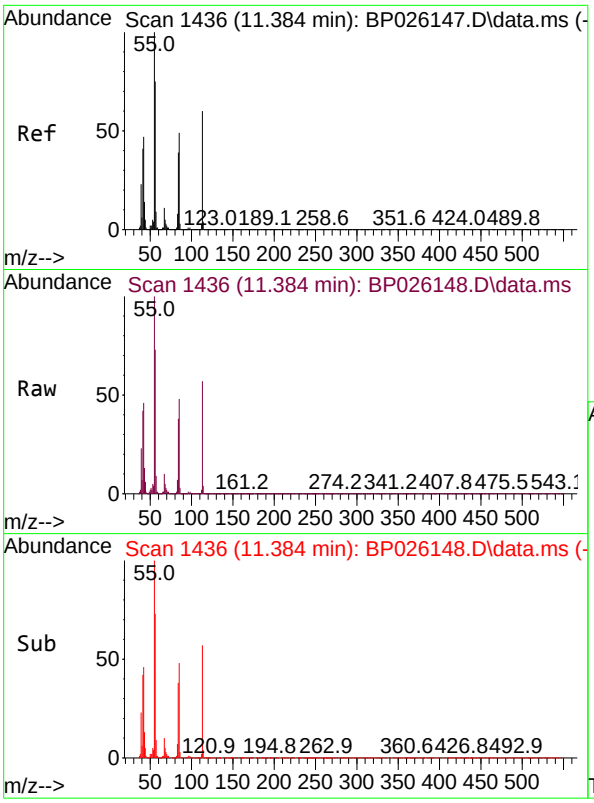


#34
Hexachlorobutadiene
Concen: 49.818 ng
RT: 10.784 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:225 Resp: 639671

Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.6	74.4
227	63.9	51.2	76.8



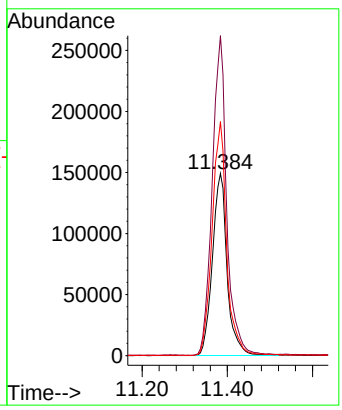


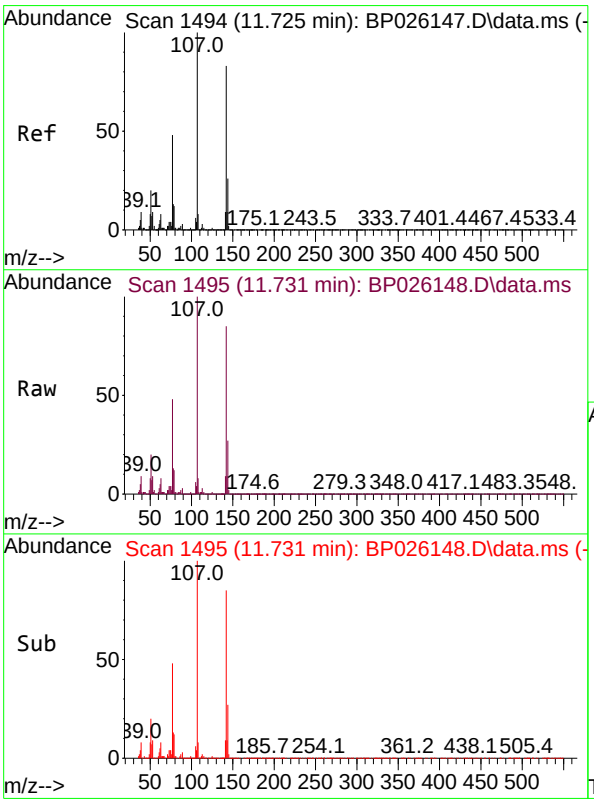
#35
Caprolactam
Concen: 55.200 ng
RT: 11.384 min Scan# 14
Delta R.T. 0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:113 Resp: 356958

Ion	Ratio	Lower	Upper
113	100		
55	175.7	153.0	193.0
56	128.5	106.4	146.4

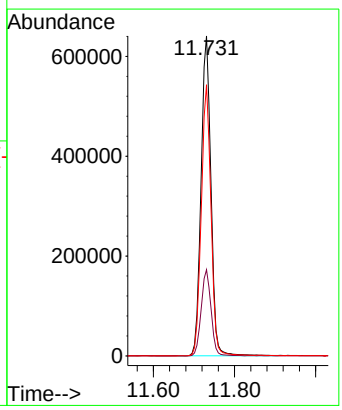


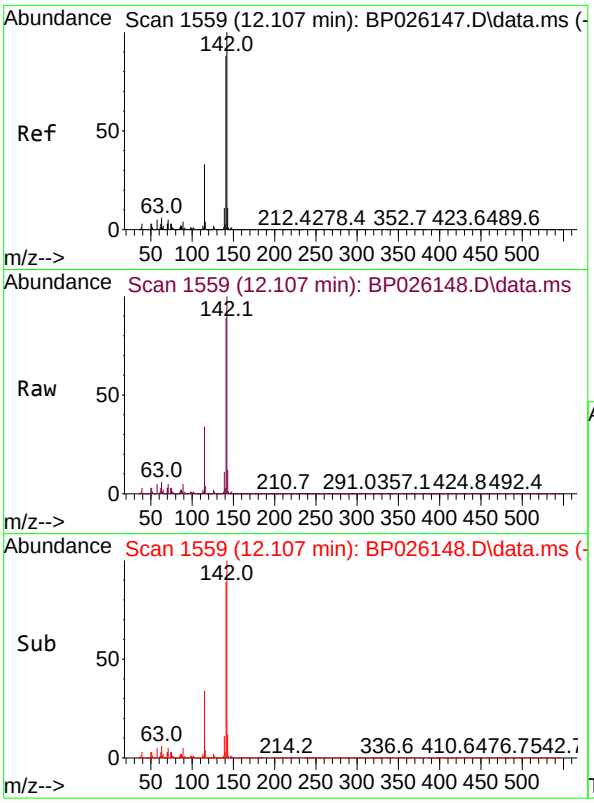


#36
4-Chloro-3-methylphenol
Concen: 55.785 ng
RT: 11.731 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:107 Resp: 1079361

Ion	Ratio	Lower	Upper
107	100		
144	26.9	21.6	32.4
142	84.7	65.6	98.4



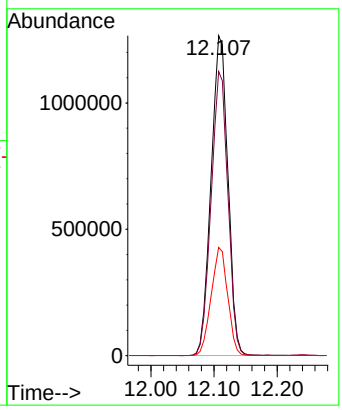


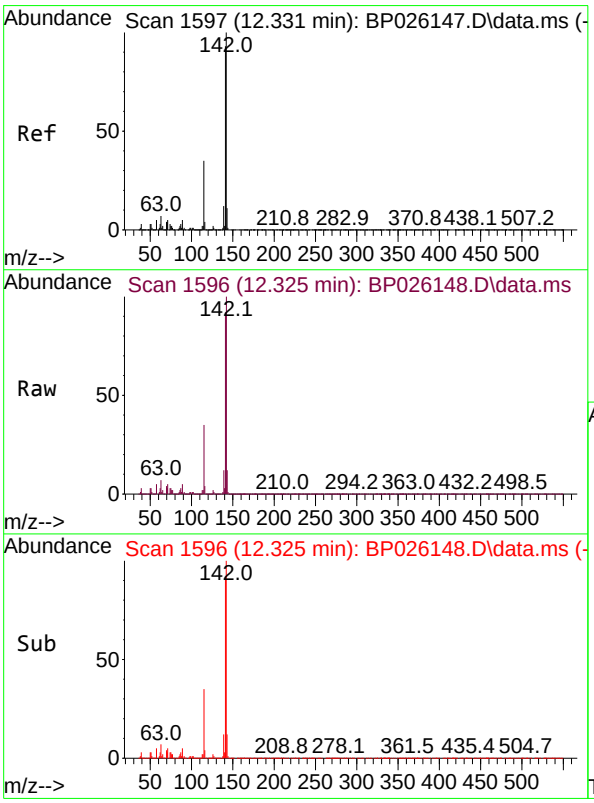
#37
2-Methylnaphthalene
Concen: 50.940 ng
RT: 12.107 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:142 Resp: 2347741

Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.0	106.6
115	33.8	26.6	39.8

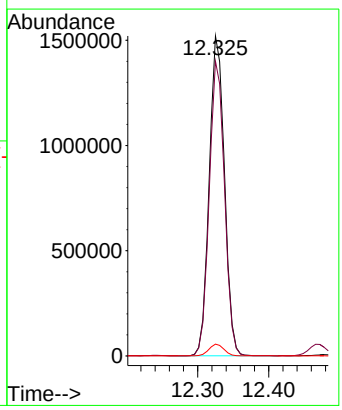


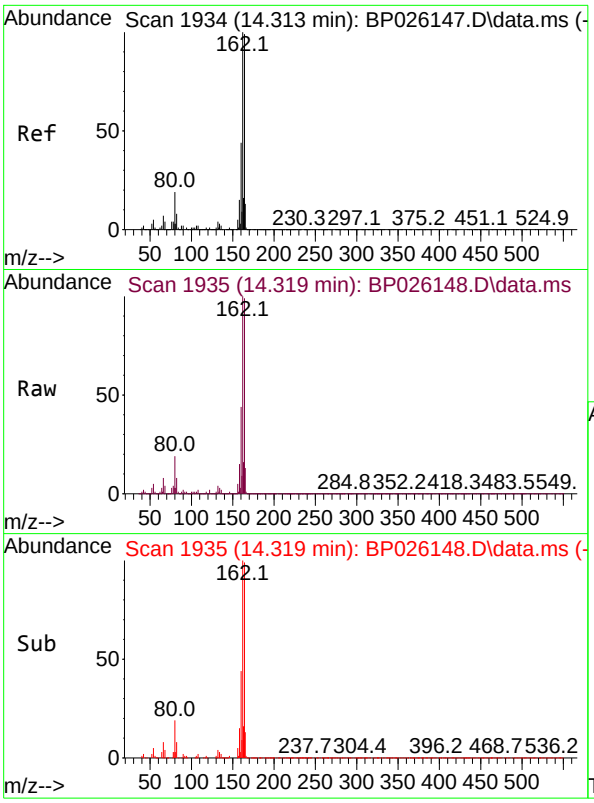


#38
1-Methylnaphthalene
Concen: 50.528 ng
RT: 12.325 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:142 Resp: 2264098

Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.5	110.3
116	3.7	3.0	4.4



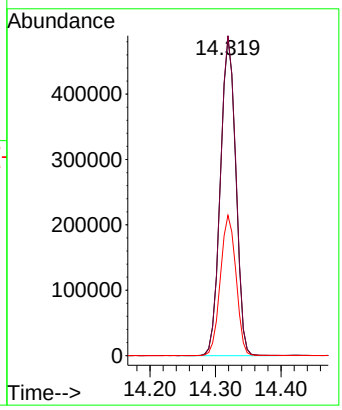


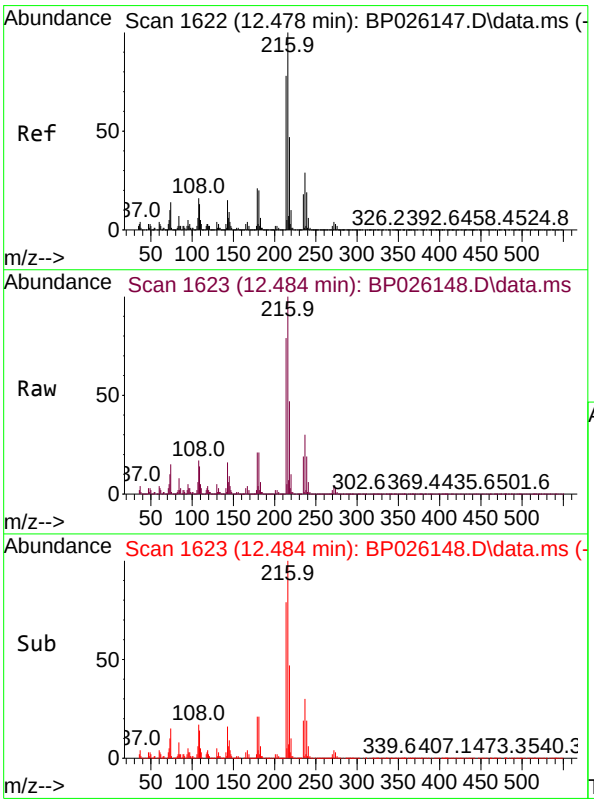
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.319 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:164 Resp: 797553

Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.3	120.5
160	44.3	35.2	52.8

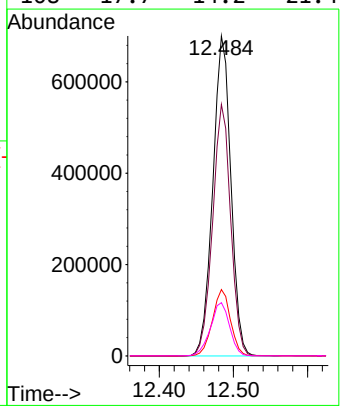


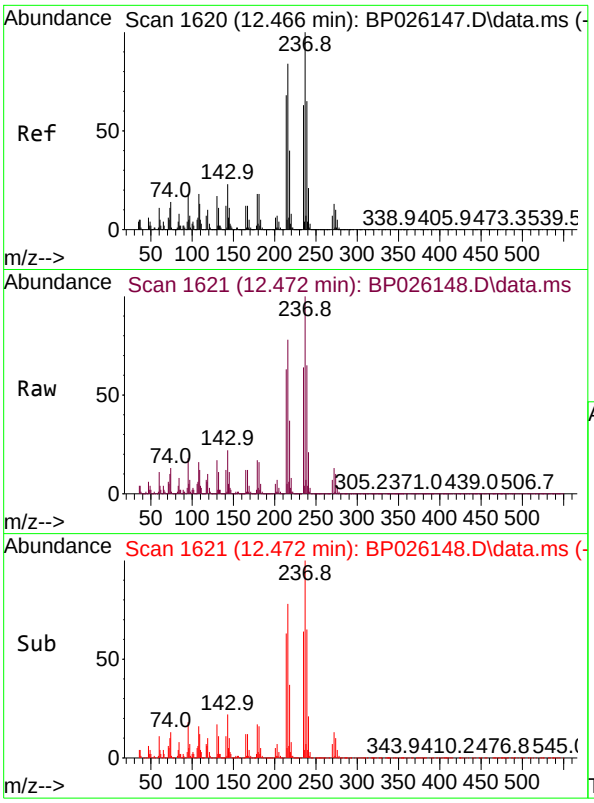


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.999 ng
RT: 12.484 min Scan# 1623
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:216 Resp: 1184632

Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.6	94.0
179	20.7	16.6	25.0
108	17.7	14.2	21.4



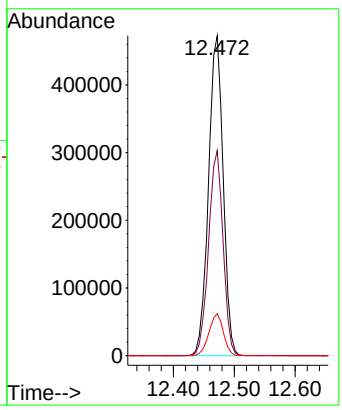


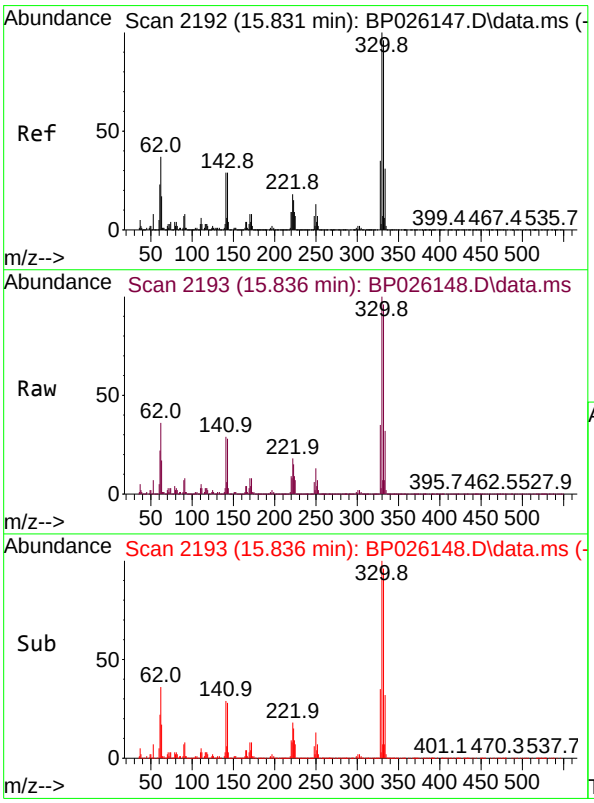
#41
Hexachlorocyclopentadiene
Concen: 76.949 ng
RT: 12.472 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:237 Resp: 789794

Ion	Ratio	Lower	Upper
237	100		
235	64.1	43.3	83.3
272	13.1	0.0	32.9

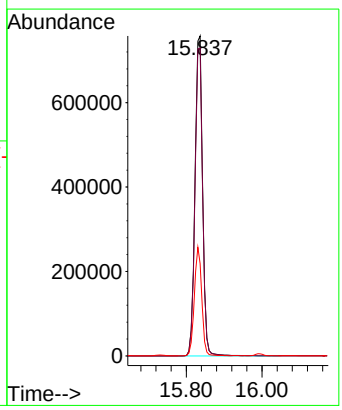


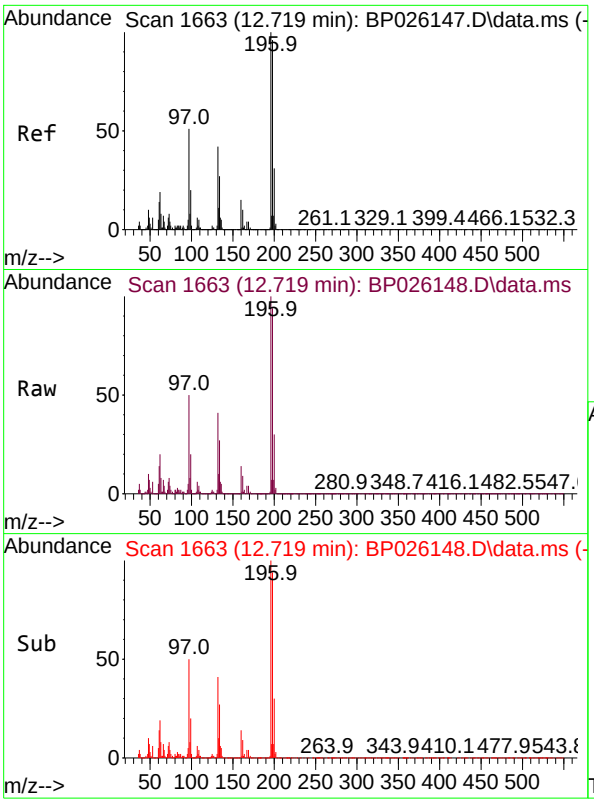


#42
2,4,6-Tribromophenol
Concen: 119.774 ng
RT: 15.836 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:330 Resp: 1046471

Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.0	117.0
141	33.1	26.8	40.2



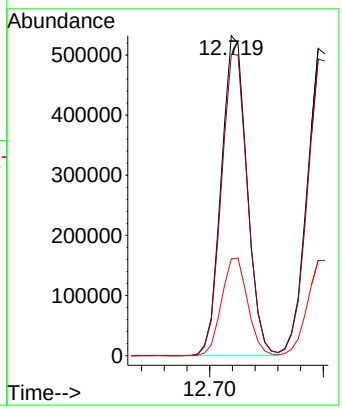


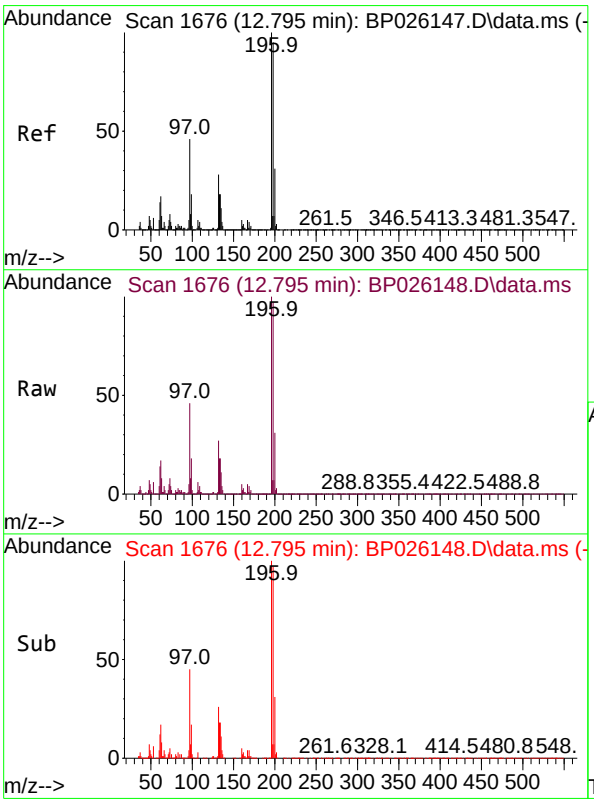
#43
2,4,6-Trichlorophenol
Concen: 56.757 ng
RT: 12.719 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:196 Resp: 837942

Ion	Ratio	Lower	Upper
196	100		
198	94.2	76.9	115.3
200	30.2	24.6	37.0

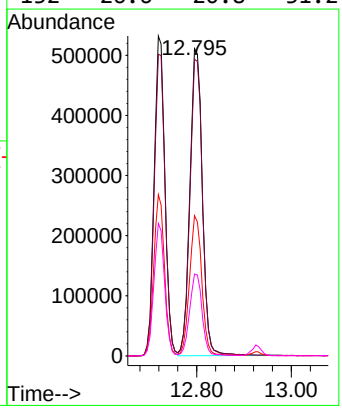


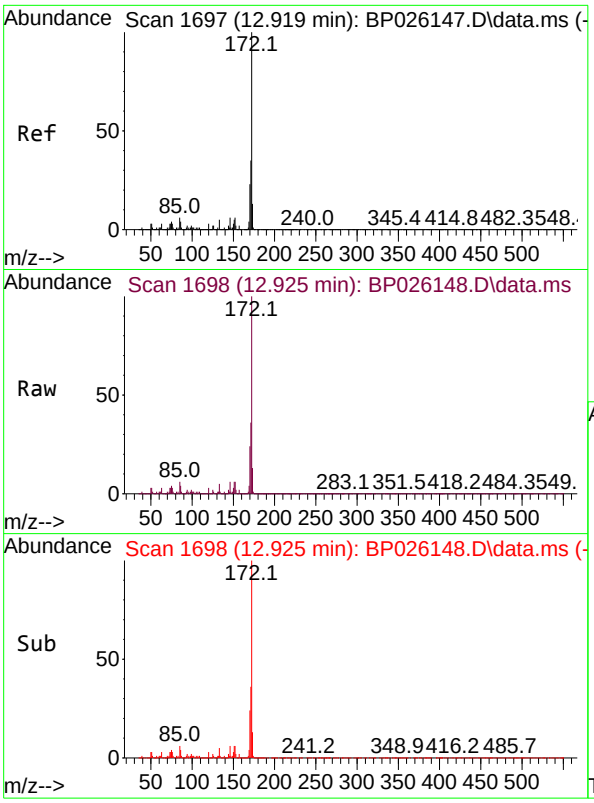


#44
2,4,5-Trichlorophenol
Concen: 55.717 ng
RT: 12.795 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:196 Resp: 934561

Ion	Ratio	Lower	Upper
196	100		
198	96.5	76.4	114.6
97	45.6	35.7	53.5
132	26.6	20.8	31.2



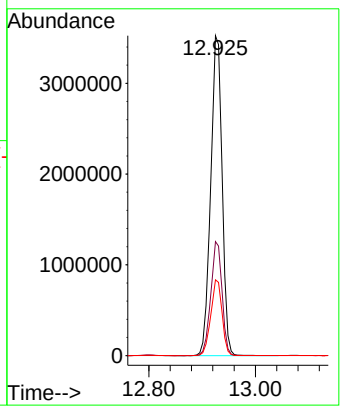


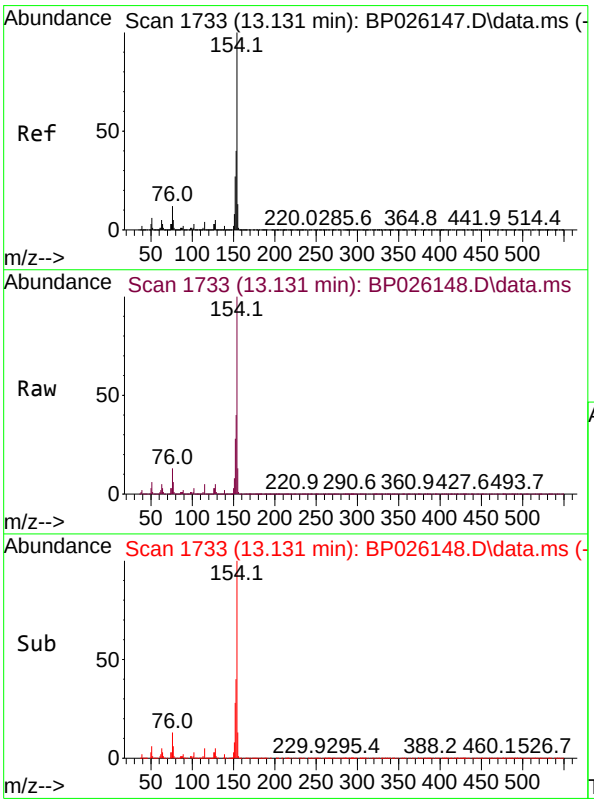
#45
2-Fluorobiphenyl
Concen: 94.988 ng
RT: 12.925 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:172 Resp: 5250598

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.4
170	23.7	18.7	28.1

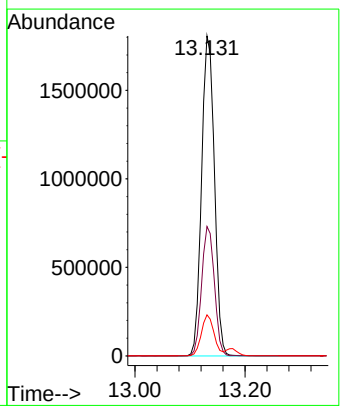


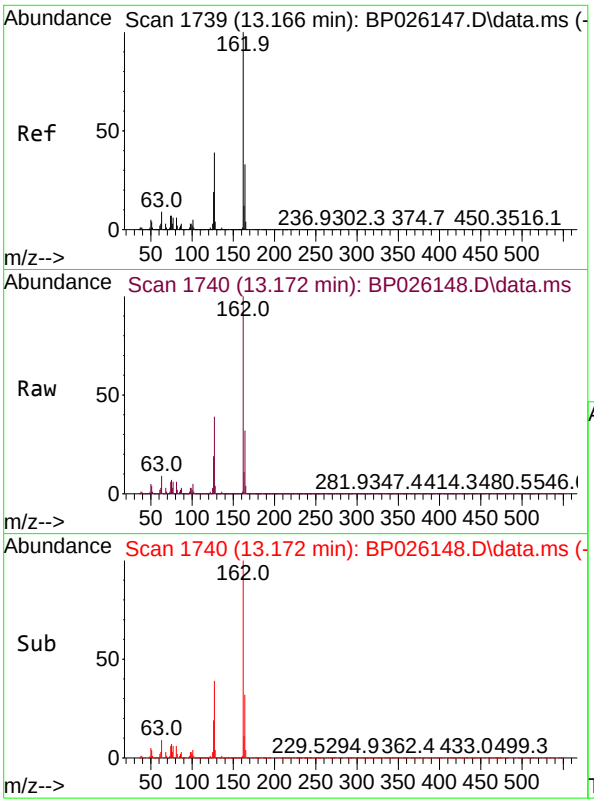


#46
1,1'-Biphenyl
Concen: 48.177 ng
RT: 13.131 min Scan# 1733
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:154 Resp: 2928877

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.3	60.3
76	12.8	0.0	32.3



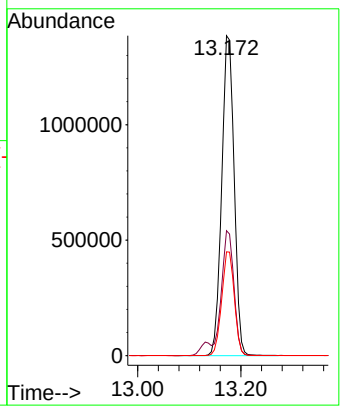


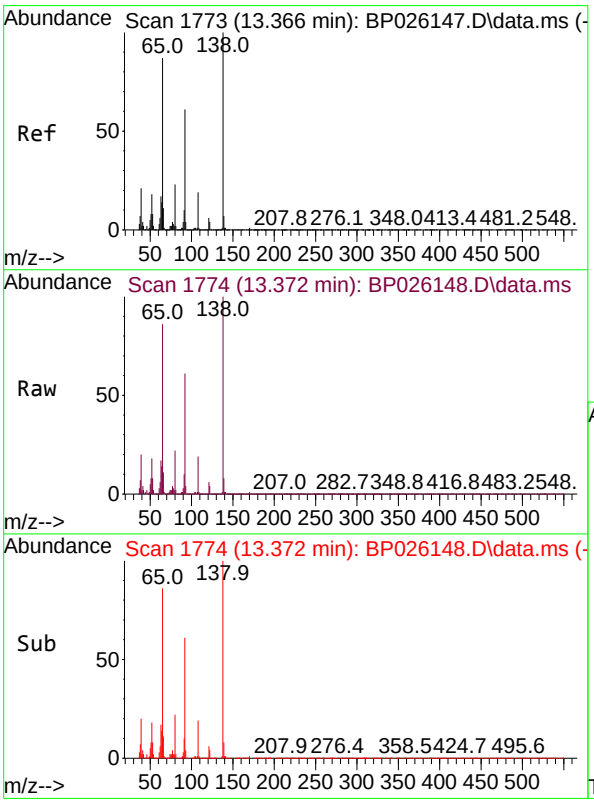
#47
2-Chloronaphthalene
Concen: 48.576 ng
RT: 13.172 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 2321684

Ion	Ratio	Lower	Upper
162	100		
127	39.0	30.9	46.3
164	32.4	26.4	39.6

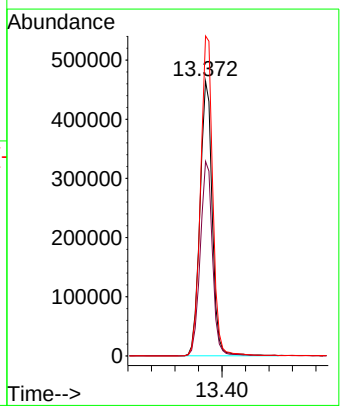


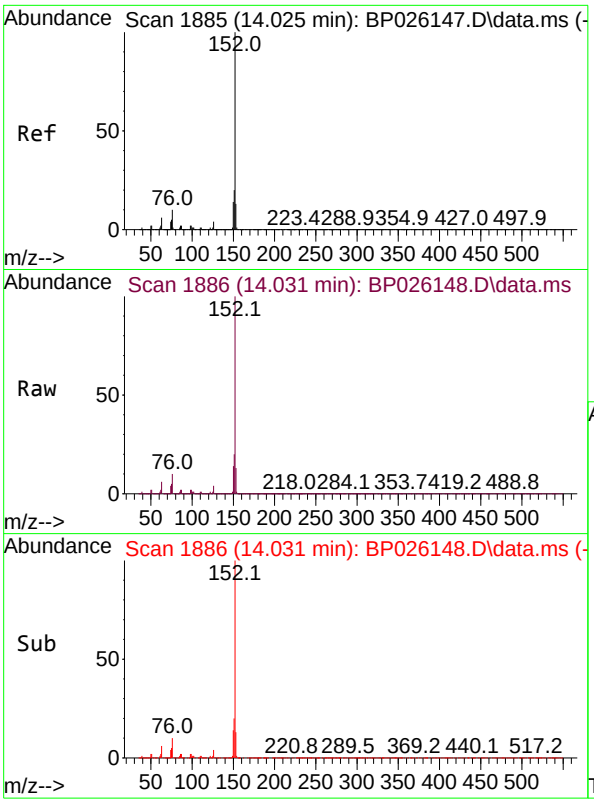


#48
2-Nitroaniline
Concen: 60.939 ng
RT: 13.372 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion: 65 Resp: 669977

Ion	Ratio	Lower	Upper
65	100		
92	70.8	59.1	88.7
138	116.5	96.6	145.0



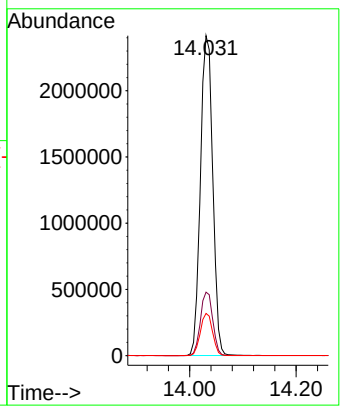


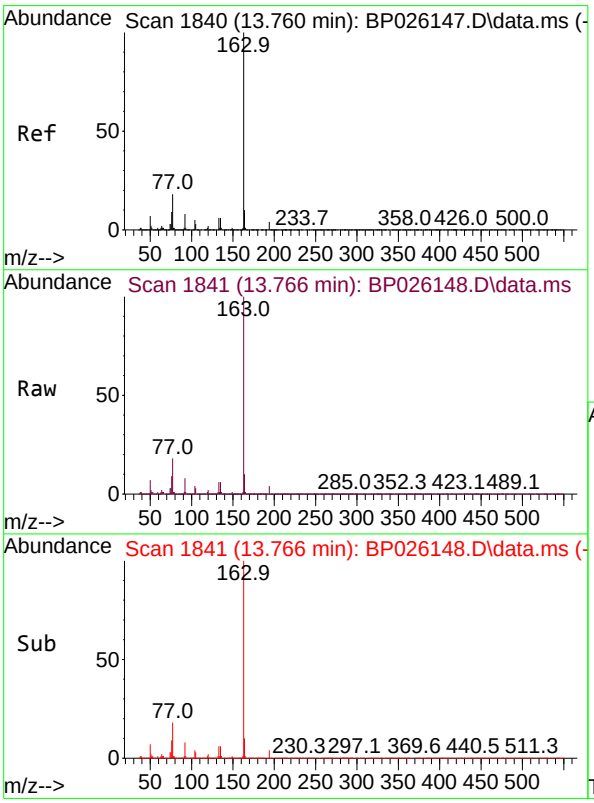
#49
Acenaphthylene
Concen: 54.828 ng
RT: 14.031 min Scan# 18
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 3873345

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.8
153	13.2	10.6	16.0

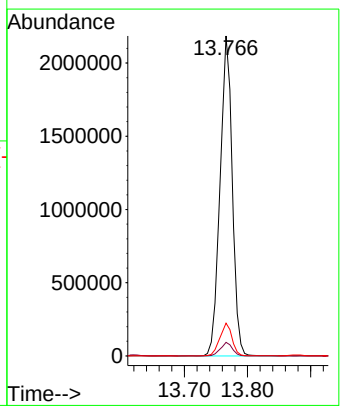


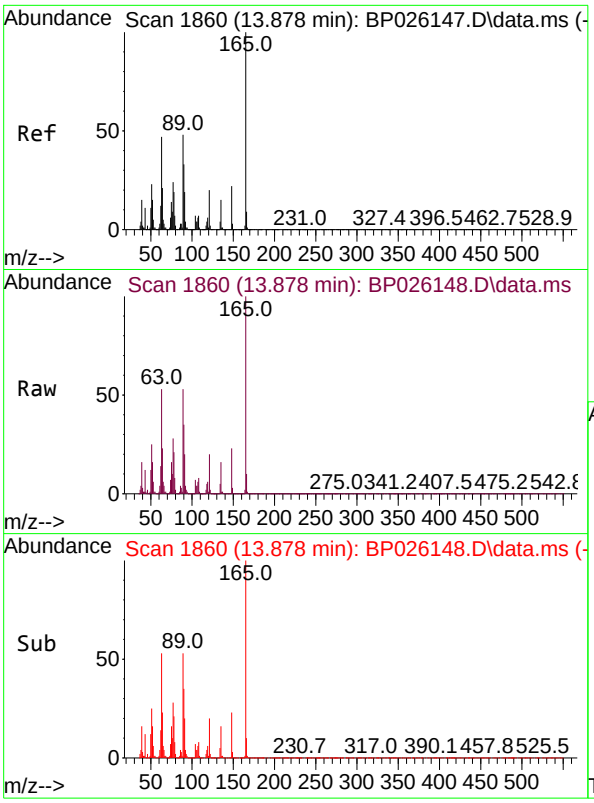


#50
Dimethylphthalate
Concen: 50.746 ng
RT: 13.766 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:163 Resp: 2930655

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.2	8.2	12.2



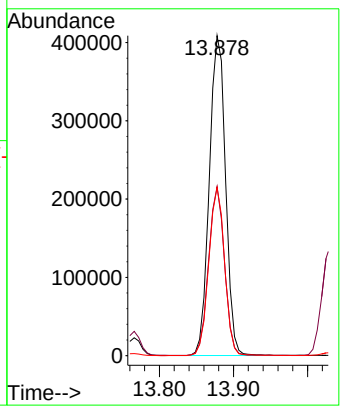


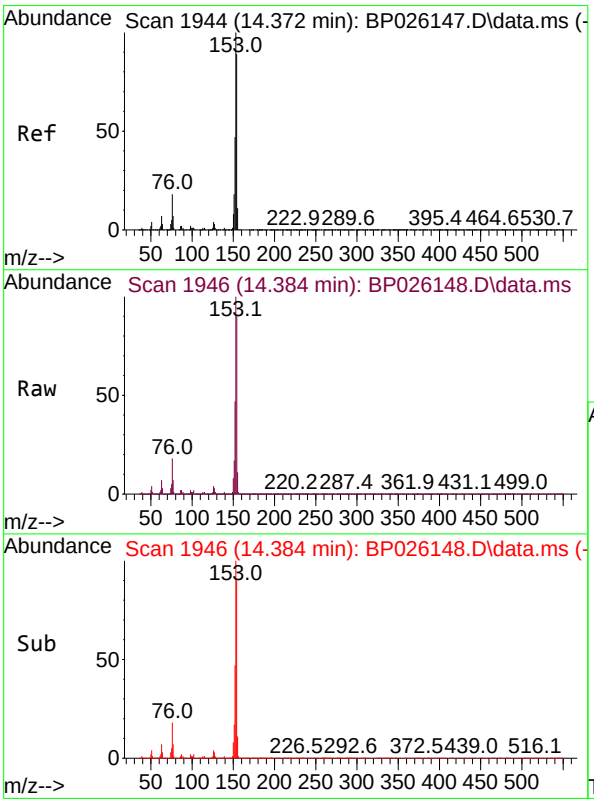
#51
2,6-Dinitrotoluene
Concen: 64.134 ng
RT: 13.878 min Scan# 18
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 622671

Ion	Ratio	Lower	Upper
165	100		
63	52.8	40.5	60.7
89	52.6	41.3	61.9

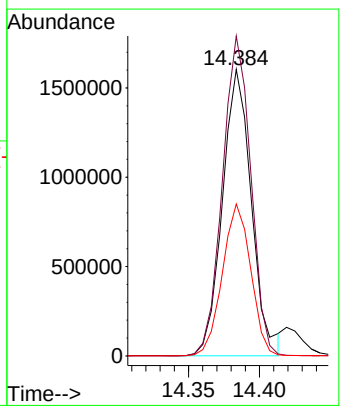


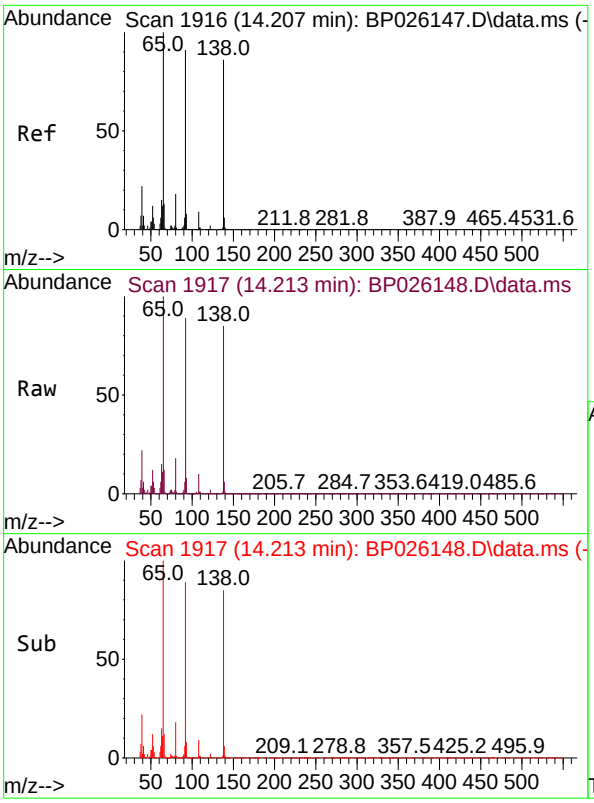


#52
Acenaphthene
Concen: 48.135 ng
RT: 14.384 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:154 Resp: 2275322

Ion	Ratio	Lower	Upper
154	100		
153	111.7	90.7	136.1
152	53.0	42.8	64.2



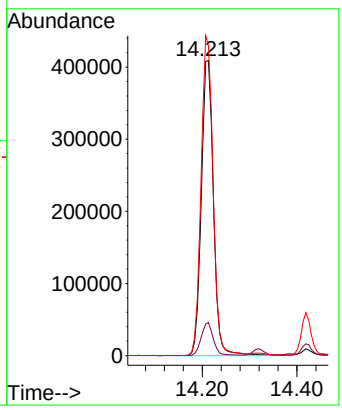


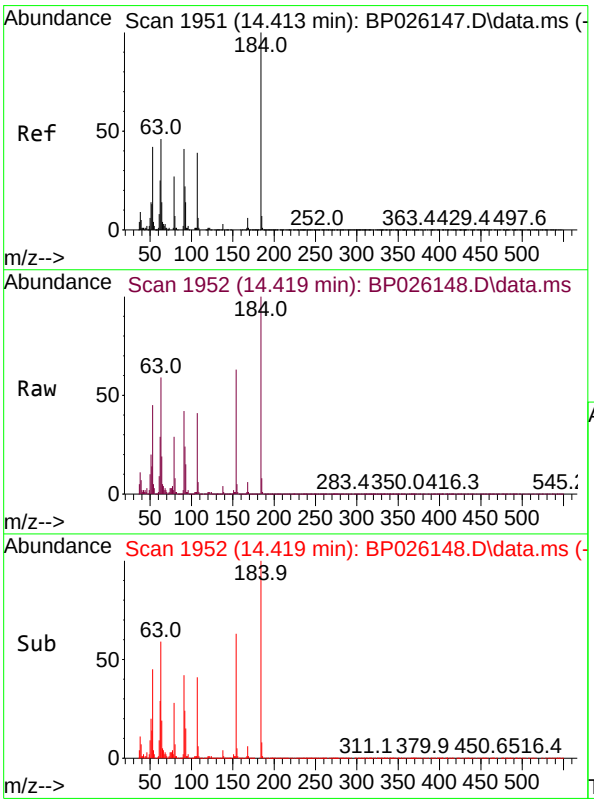
#53
3-Nitroaniline
Concen: 61.795 ng
RT: 14.213 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:138 Resp: 725831

Ion	Ratio	Lower	Upper
138	100		
108	11.2	8.9	13.3
92	105.0	86.3	129.5

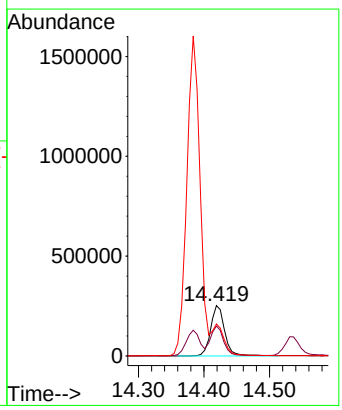


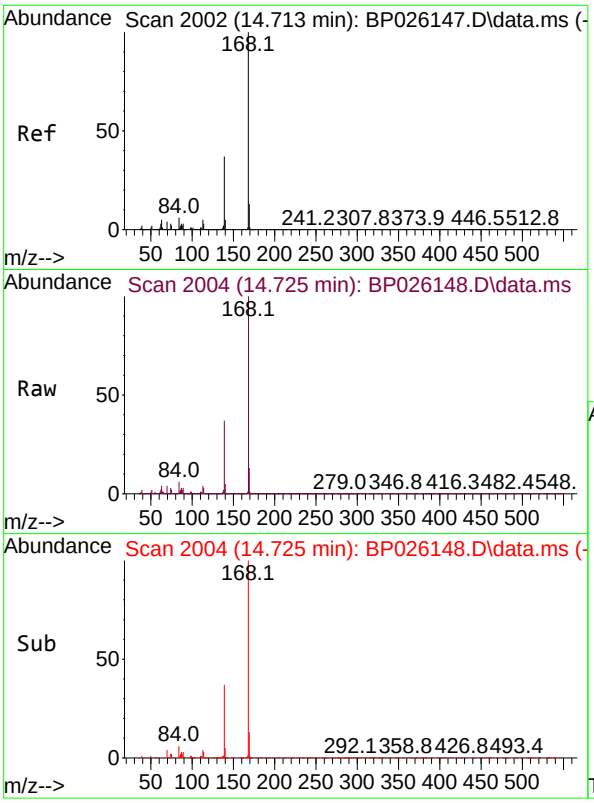


#54
2,4-Dinitrophenol
Concen: 83.625 ng
RT: 14.419 min Scan# 1952
Delta R.T. -0.012 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:184 Resp: 372594

Ion	Ratio	Lower	Upper
184	100		
63	59.3	43.1	64.7
154	63.4	49.5	74.3



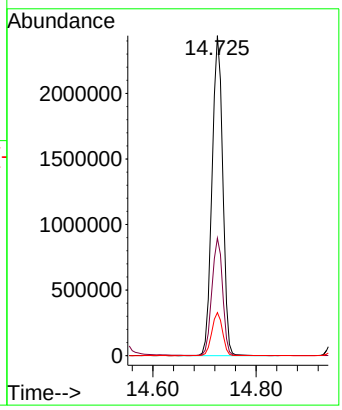


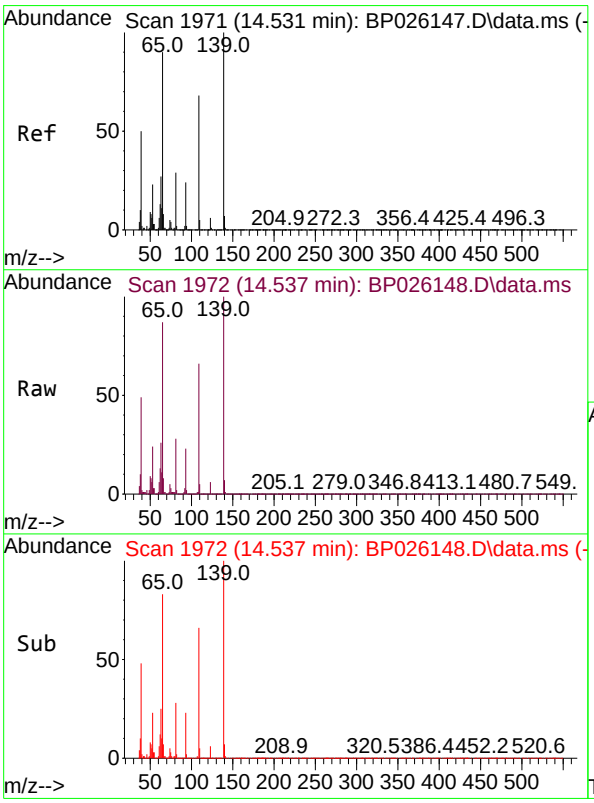
#55
Dibenzofuran
Concen: 48.822 ng
RT: 14.725 min Scan# 20
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:168 Resp: 3514504

Ion	Ratio	Lower	Upper
168	100		
139	36.8	29.8	44.6
169	13.4	10.9	16.3

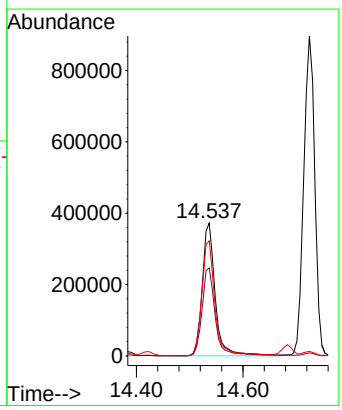


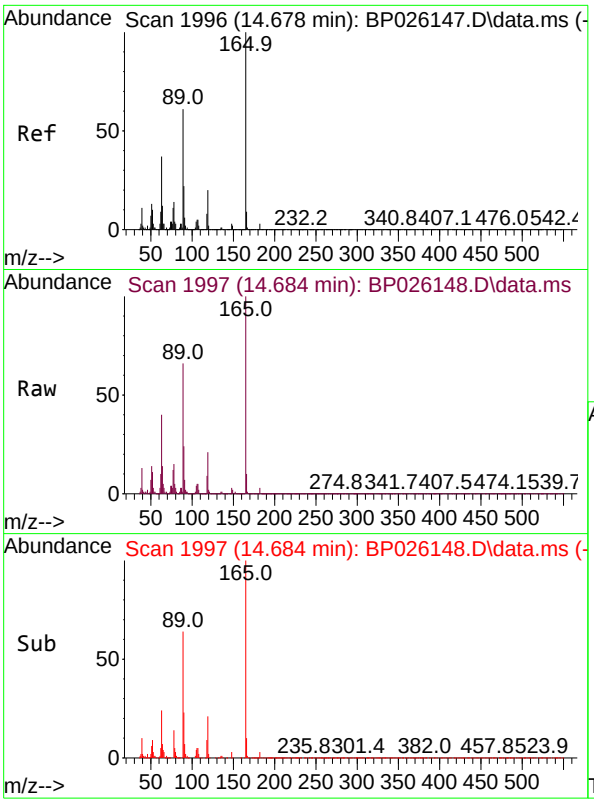


#56
4-Nitrophenol
Concen: 53.593 ng
RT: 14.537 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:139 Resp: 626548

Ion	Ratio	Lower	Upper
139	100		
109	66.1	46.8	86.8
65	86.7	69.3	109.3



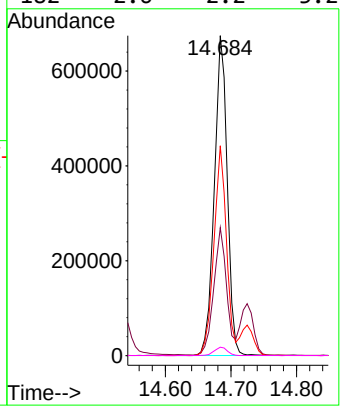


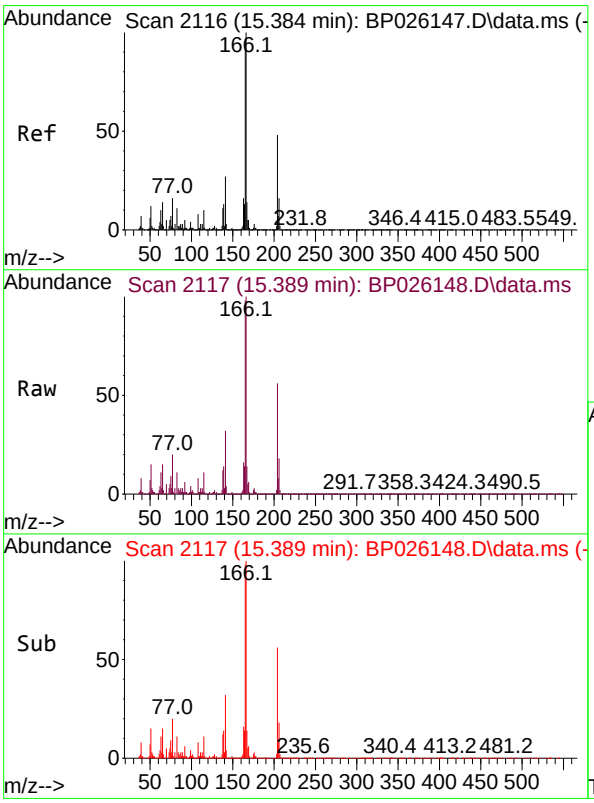
#57
2,4-Dinitrotoluene
Concen: 65.348 ng
RT: 14.684 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 925879

Ion	Ratio	Lower	Upper
165	100		
63	40.0	31.0	46.6
89	65.6	51.7	77.5
182	2.6	2.2	3.2

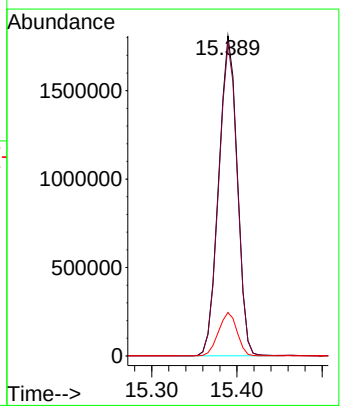


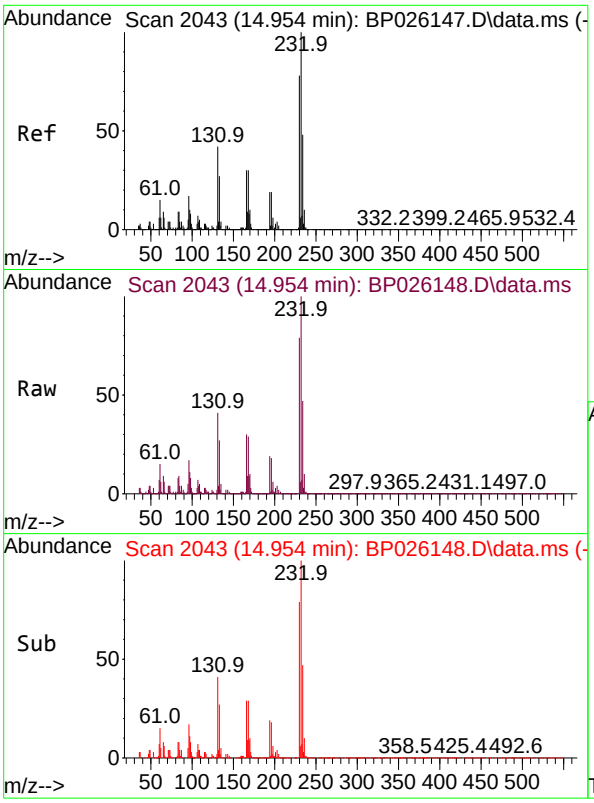


#58
Fluorene
Concen: 48.440 ng
RT: 15.389 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:166 Resp: 2739619

Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.9	116.9
167	13.6	11.0	16.4



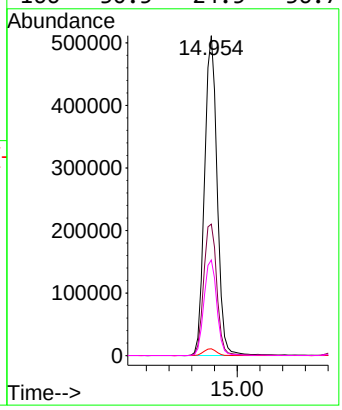


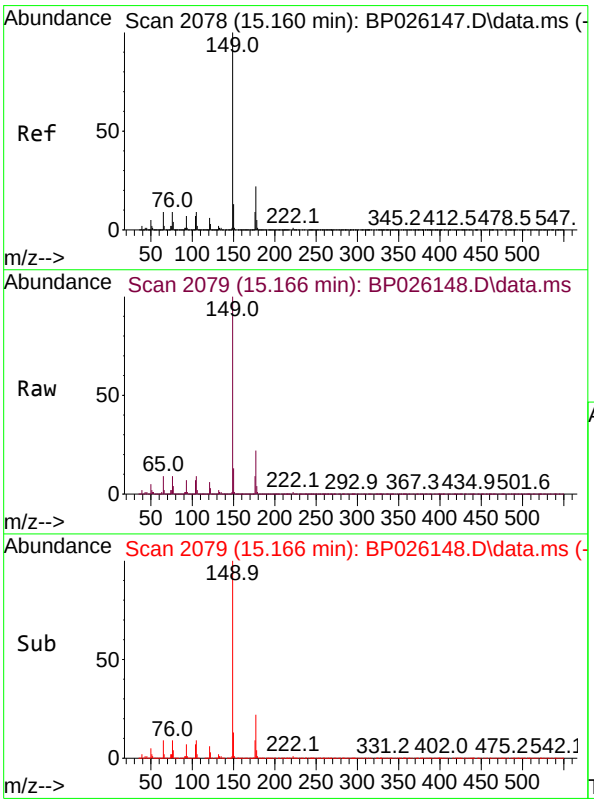
#59
2,3,4,6-Tetrachlorophenol
Concen: 59.606 ng
RT: 14.954 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:232 Resp: 791779

Ion	Ratio	Lower	Upper
232	100		
131	43.1	34.8	52.2
130	2.2	1.8	2.8
166	30.5	24.5	36.7

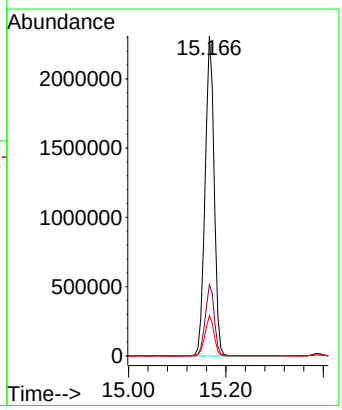


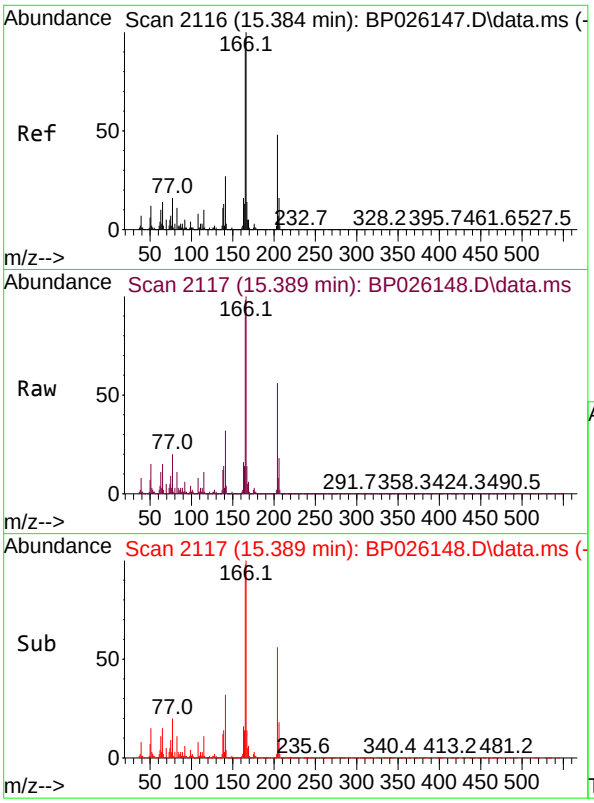


#60
Diethylphthalate
Concen: 51.232 ng
RT: 15.166 min Scan# 2079
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:149 Resp: 2976494

Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.9	26.9
150	12.5	9.9	14.9



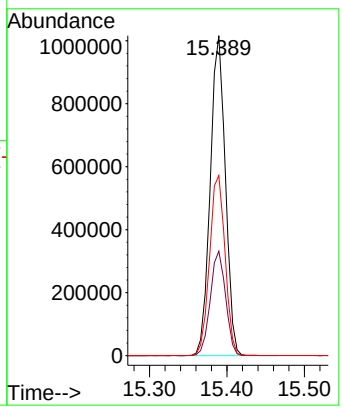


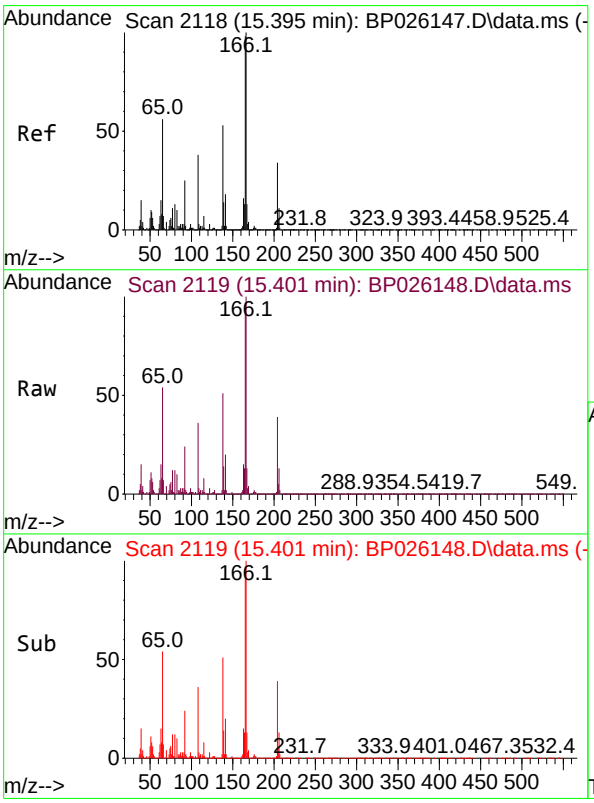
#61
4-Chlorophenyl-phenylether
Concen: 48.888 ng
RT: 15.389 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:204 Resp: 1378247

Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.2	39.2
141	56.3	48.1	72.1

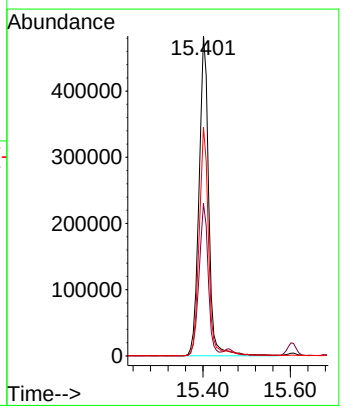


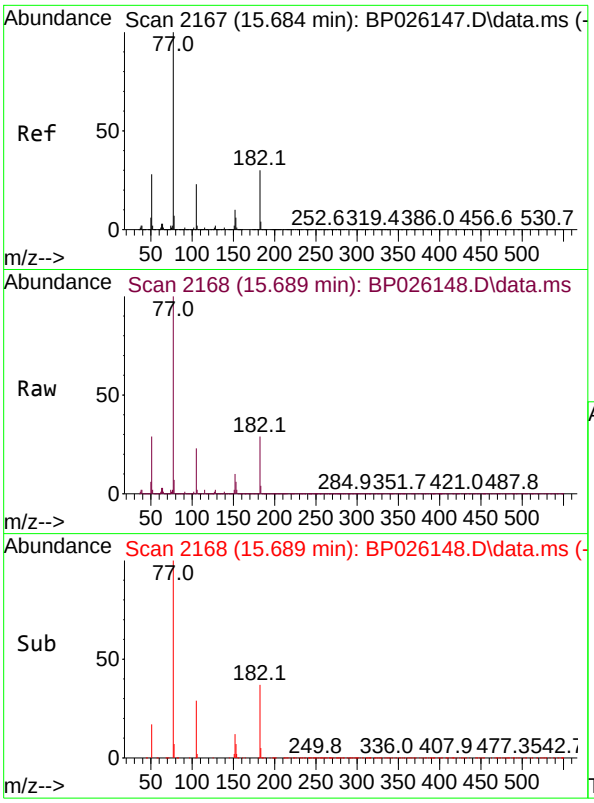


#62
4-Nitroaniline
Concen: 58.965 ng
RT: 15.401 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:138 Resp: 734482

Ion	Ratio	Lower	Upper
138	100		
92	47.6	27.5	67.5
108	71.4	51.1	91.1



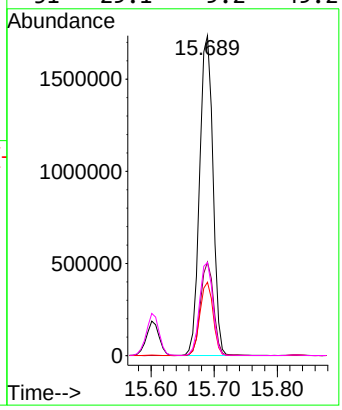


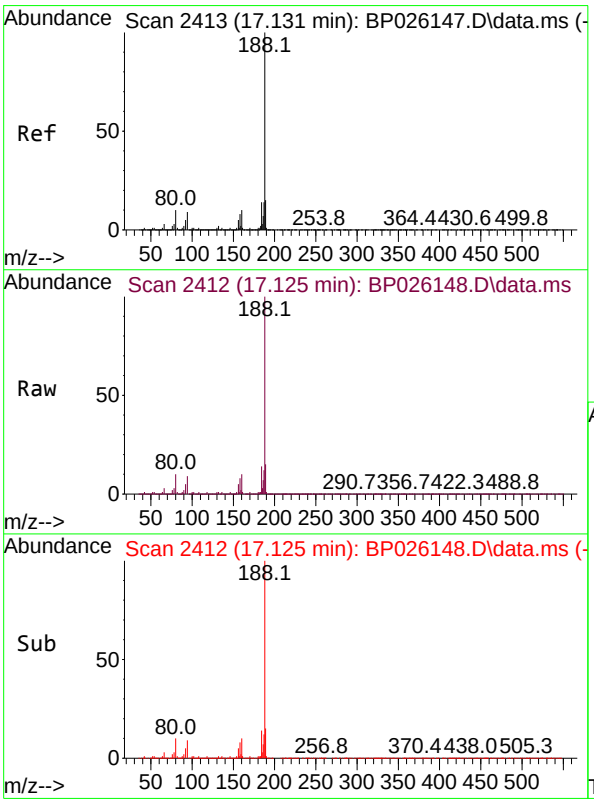
#63
Azobenzene
Concen: 48.803 ng
RT: 15.689 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 2549241

Ion	Ratio	Lower	Upper
77	100		
182	29.2	8.8	48.8
105	22.9	2.6	42.6
51	29.1	9.2	49.2

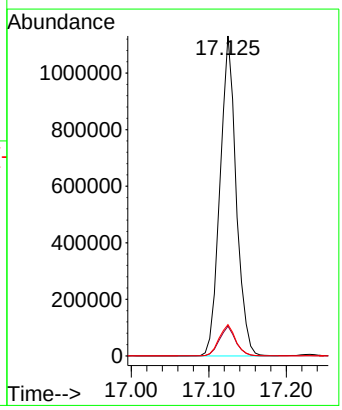


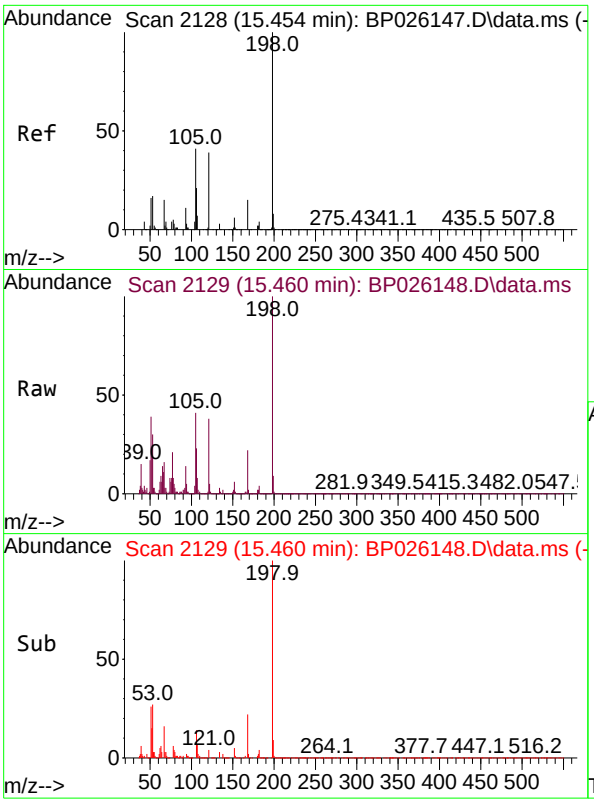


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:188 Resp: 1640808

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.8	11.6
80	9.8	8.2	12.2



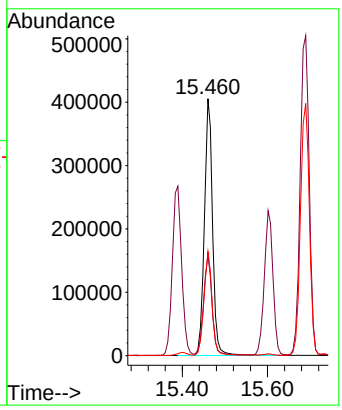


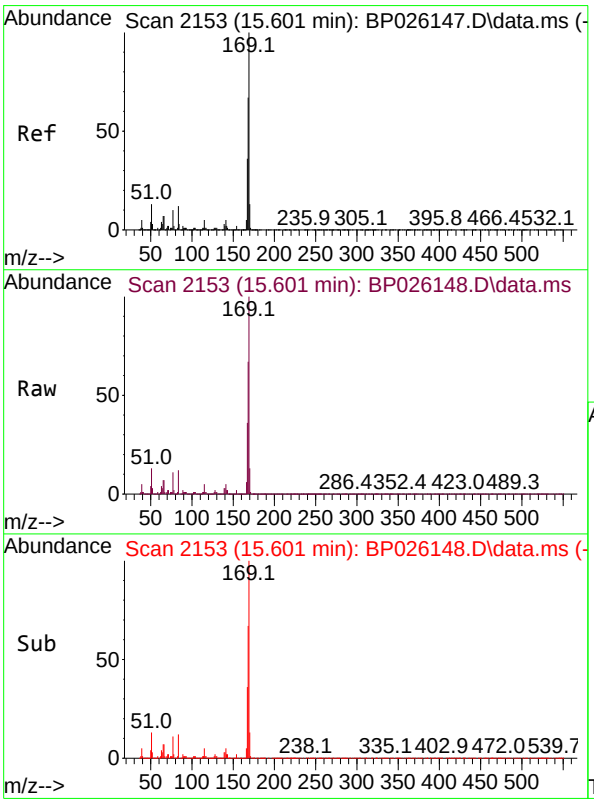
#65
4,6-Dinitro-2-methylphenol
Concen: 77.066 ng
RT: 15.460 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:198 Resp: 539726

Ion	Ratio	Lower	Upper
198	100		
51	38.9	18.4	58.4
105	40.5	18.5	58.5

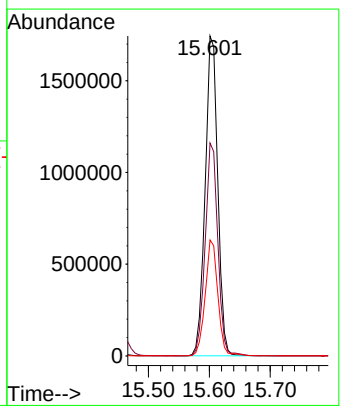


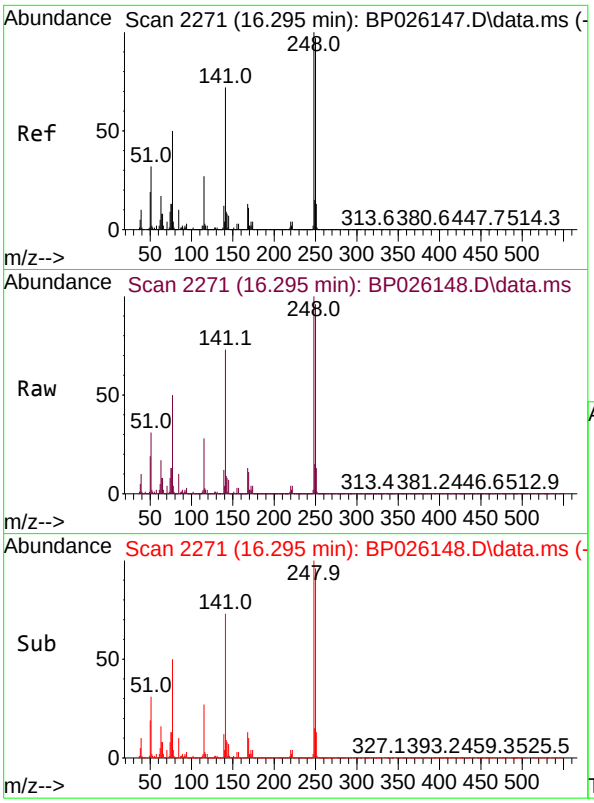


#66
n-Nitrosodiphenylamine
Concen: 48.943 ng
RT: 15.601 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:169 Resp: 2501945

Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.1	79.7
167	36.3	28.9	43.3



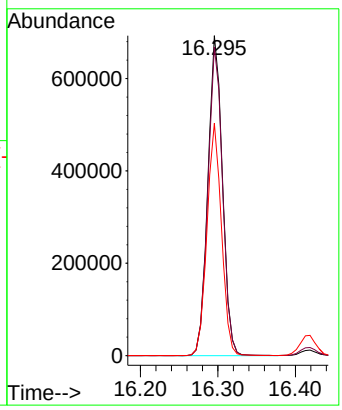


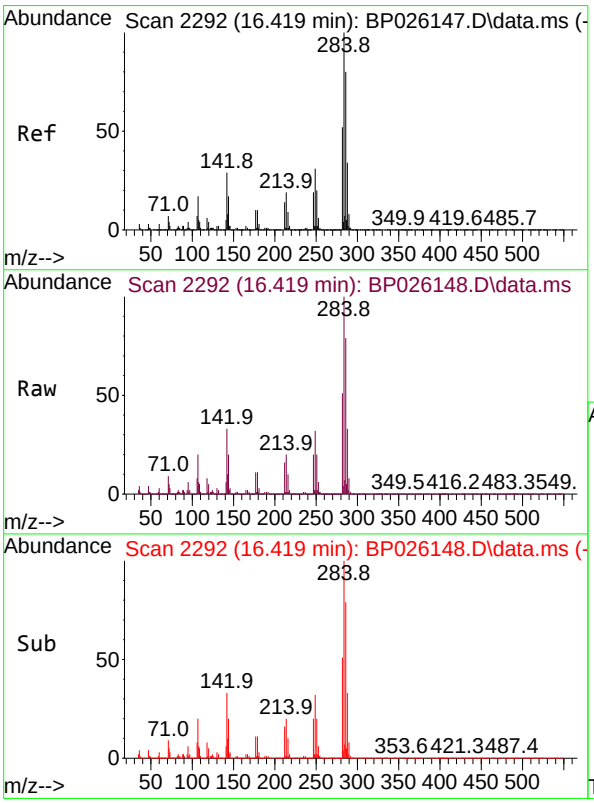
#67
4-Bromophenyl-phenylether
Concen: 49.759 ng
RT: 16.295 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:248 Resp: 906367

Ion	Ratio	Lower	Upper
248	100		
250	96.4	77.8	116.6
141	72.6	55.4	83.0

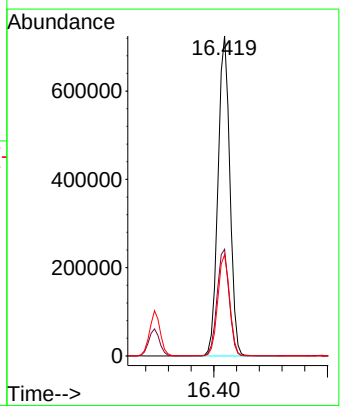


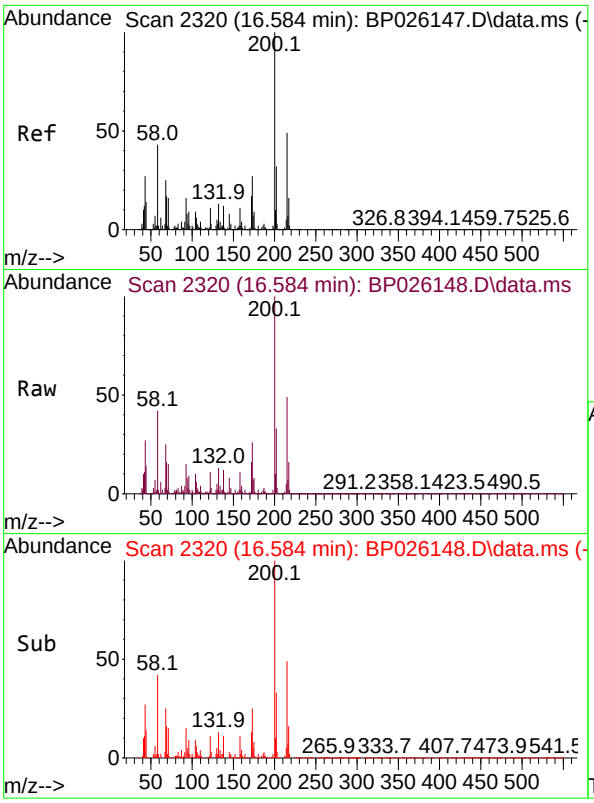


#68
Hexachlorobenzene
Concen: 50.429 ng
RT: 16.419 min Scan# 2292
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:284 Resp: 1044994

Ion	Ratio	Lower	Upper
284	100		
142	33.3	28.0	42.0
249	31.6	25.0	37.4



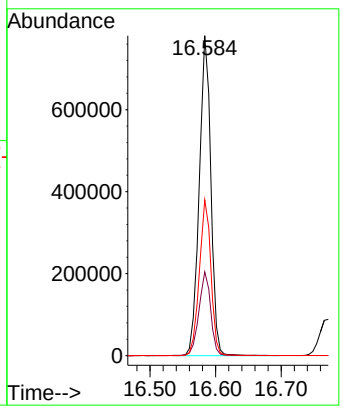


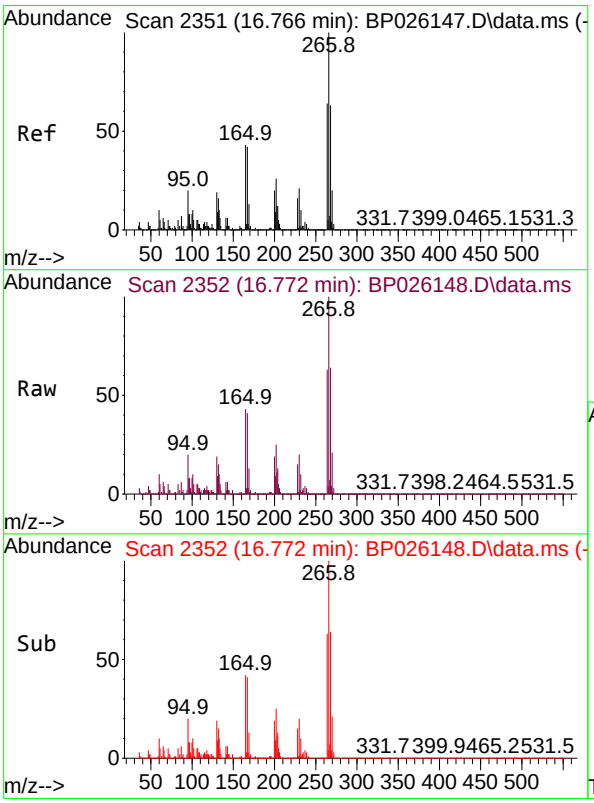
#69
Atrazine
Concen: 54.471 ng
RT: 16.584 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:200 Resp: 954570

Ion	Ratio	Lower	Upper
200	100		
173	26.2	6.7	46.7
215	48.7	27.4	67.4

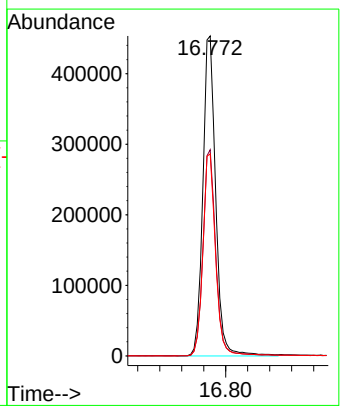


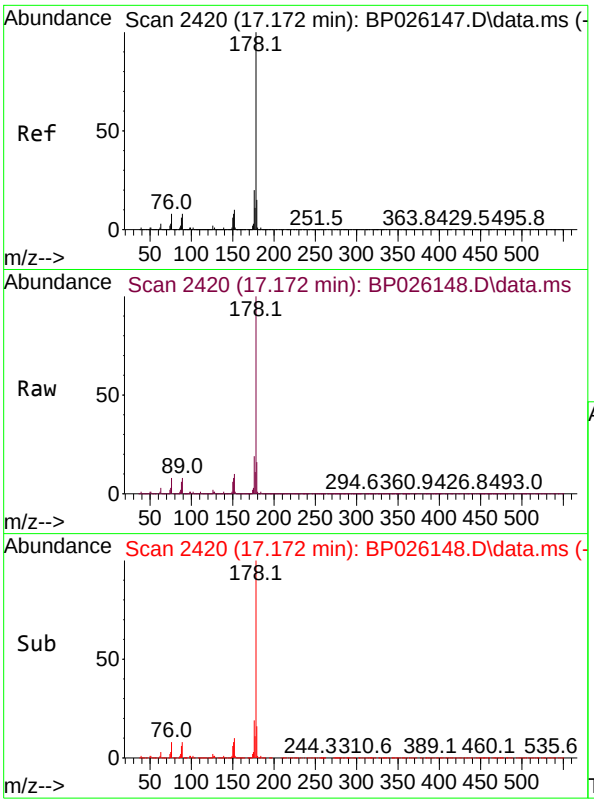


#70
Pentachlorophenol
Concen: 56.819 ng
RT: 16.772 min Scan# 2352
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:266 Resp: 733498

Ion	Ratio	Lower	Upper
266	100		
268	64.4	51.0	76.4
264	63.1	50.2	75.2



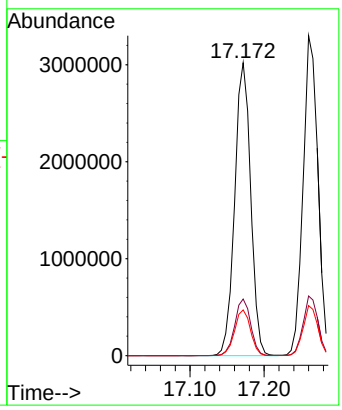


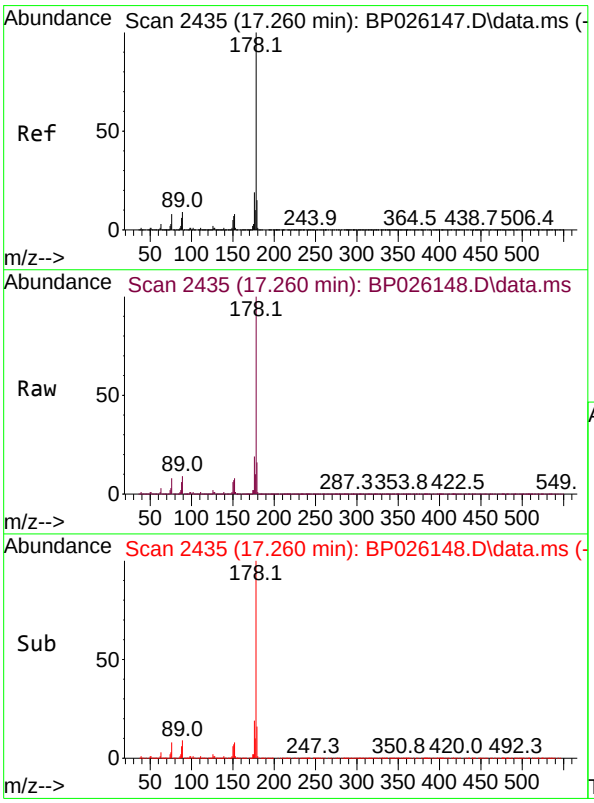
#71
Phenanthrene
Concen: 47.698 ng
RT: 17.172 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:178 Resp: 4521516

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.6	12.4	18.6

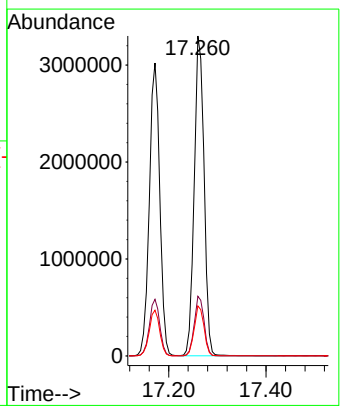


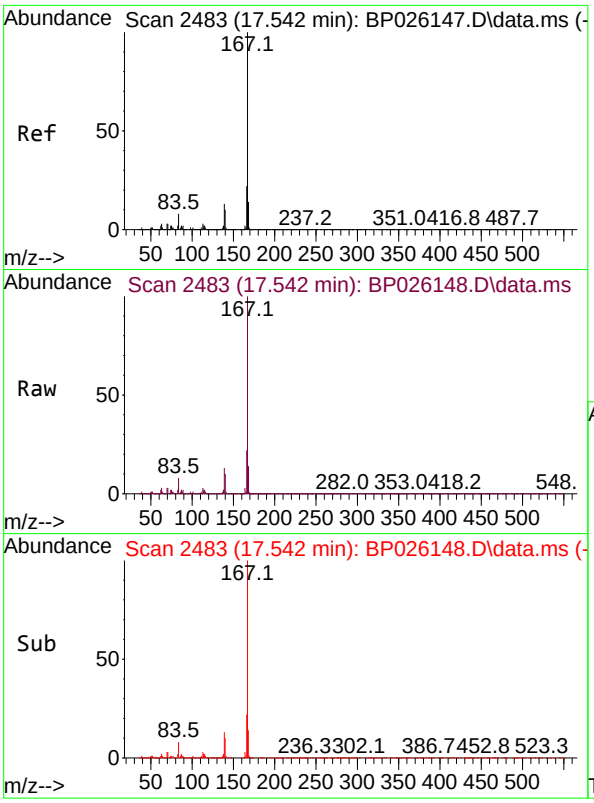


#72
Anthracene
Concen: 48.679 ng
RT: 17.260 min Scan# 2435
Delta R.T. -0.012 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:178 Resp: 4603902

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.8	22.2
179	15.6	12.2	18.4



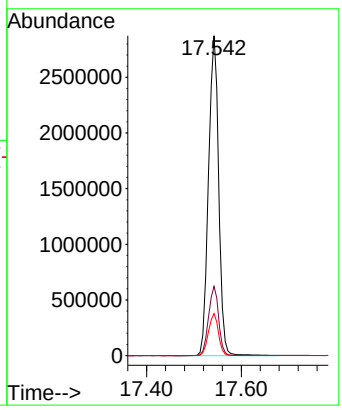


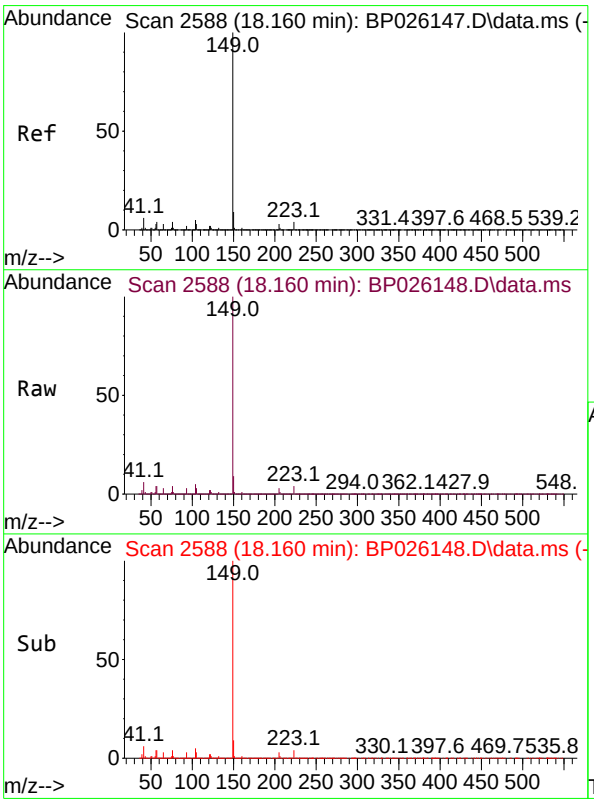
#73
Carbazole
Concen: 48.149 ng
RT: 17.542 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:167 Resp: 4285462

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.1	25.7
139	13.1	10.2	15.4

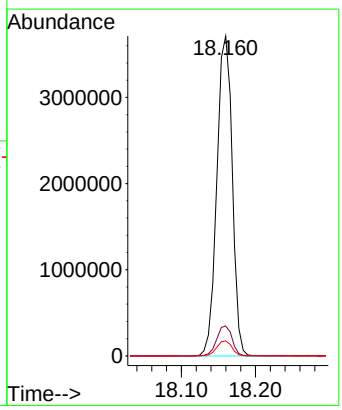


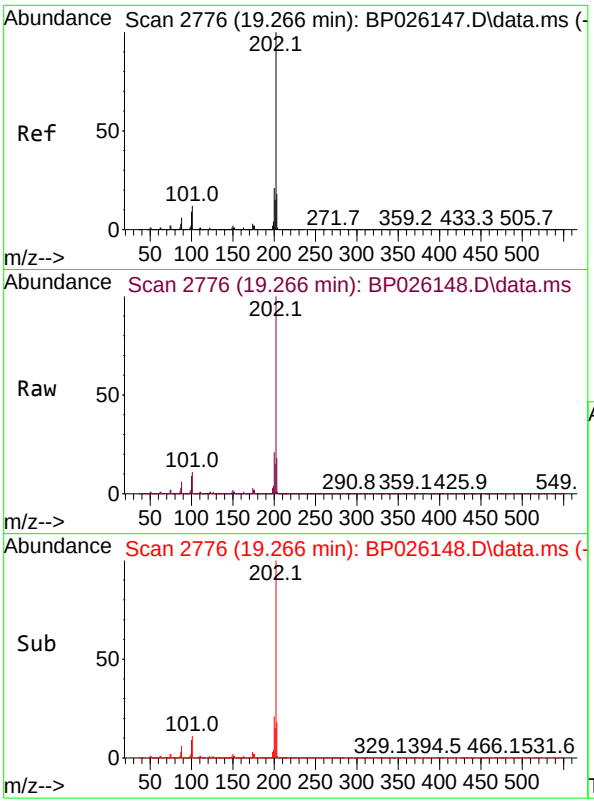


#74
Di-n-butylphthalate
Concen: 53.150 ng
RT: 18.160 min Scan# 2588
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:149 Resp: 5349681

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	4.7	3.6	5.4



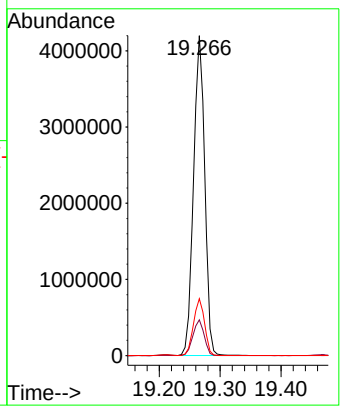


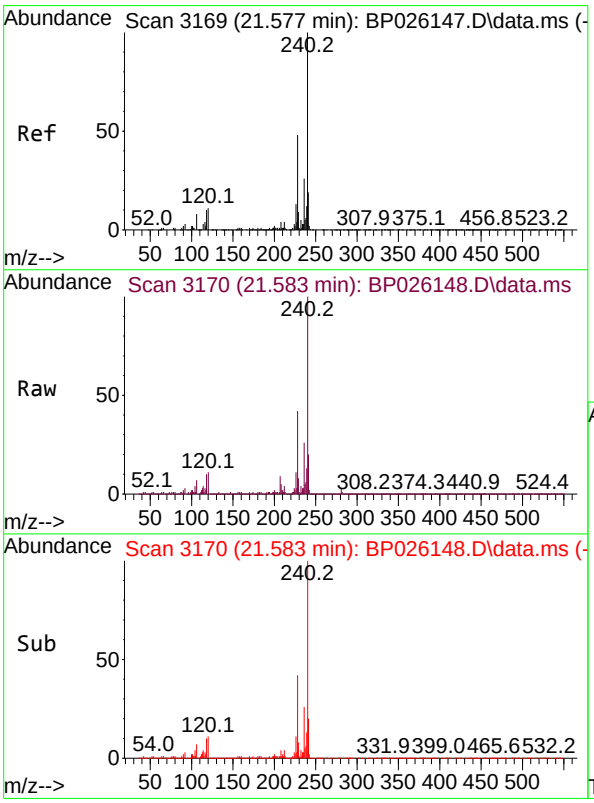
#75
Fluoranthene
Concen: 48.317 ng
RT: 19.266 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:202 Resp: 5367252

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	31.2
203	17.8	0.0	37.7

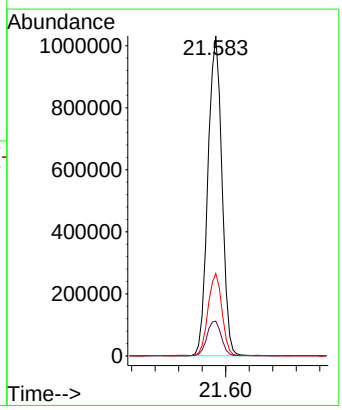


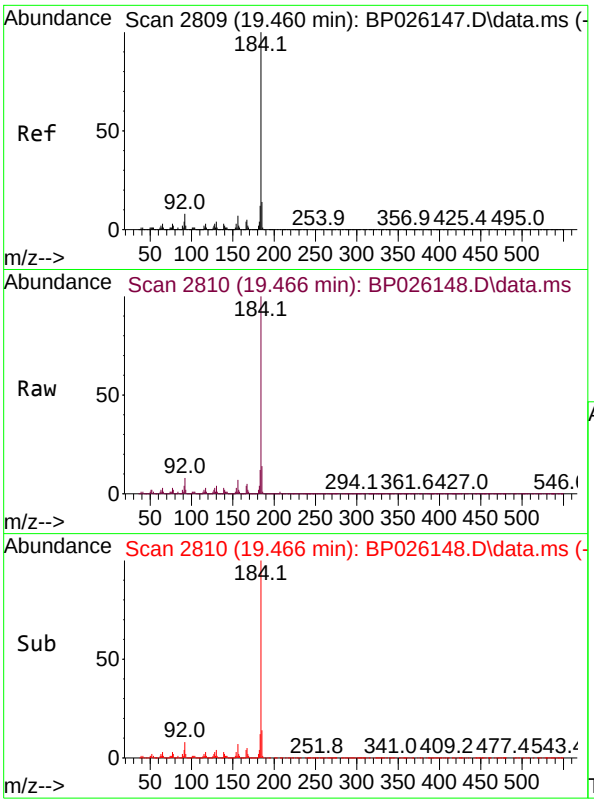


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.012 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:240 Resp: 1705823

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.0	13.4
236	25.7	20.4	30.6



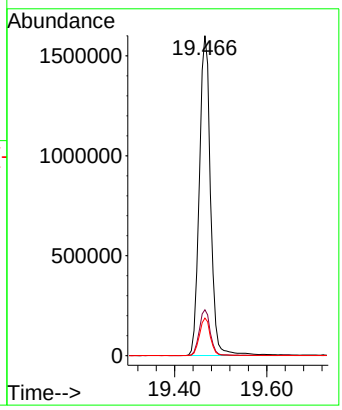


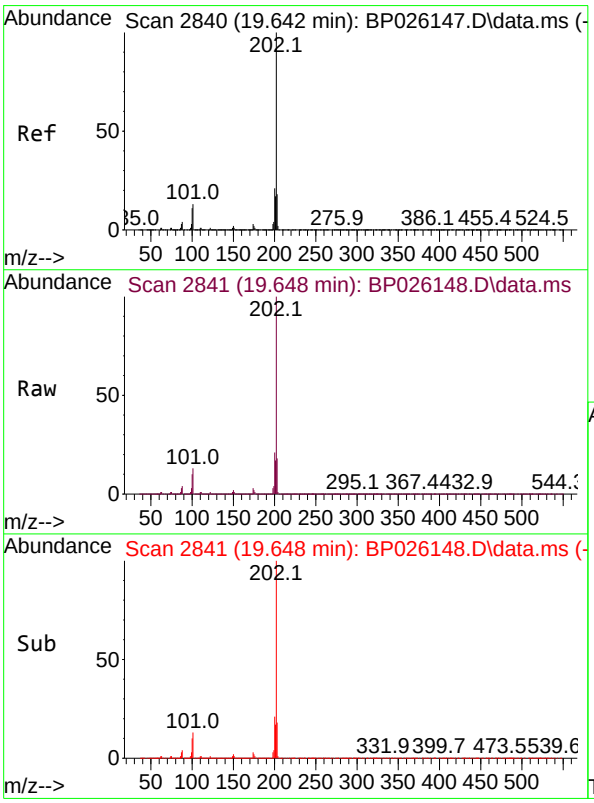
#77
Benzidine
Concen: 60.082 ng
RT: 19.466 min Scan# 28
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:184 Resp: 2691261

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.3	16.9
183	11.7	9.0	13.6

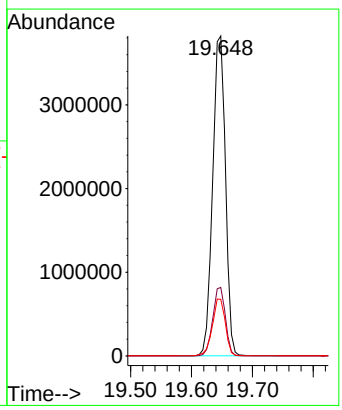


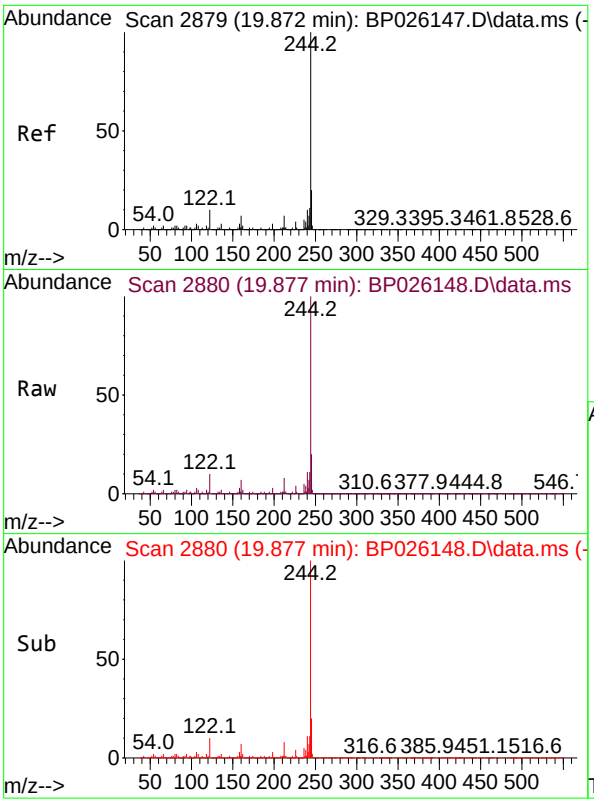


#78
Pyrene
Concen: 49.020 ng
RT: 19.648 min Scan# 2841
Delta R.T. 0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:202 Resp: 5584319

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	17.7	13.8	20.8



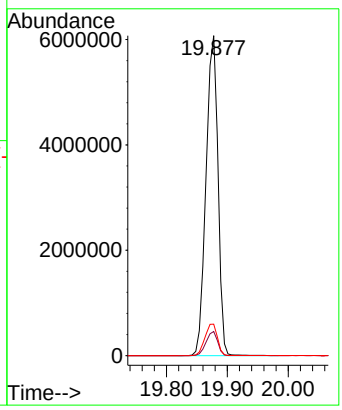


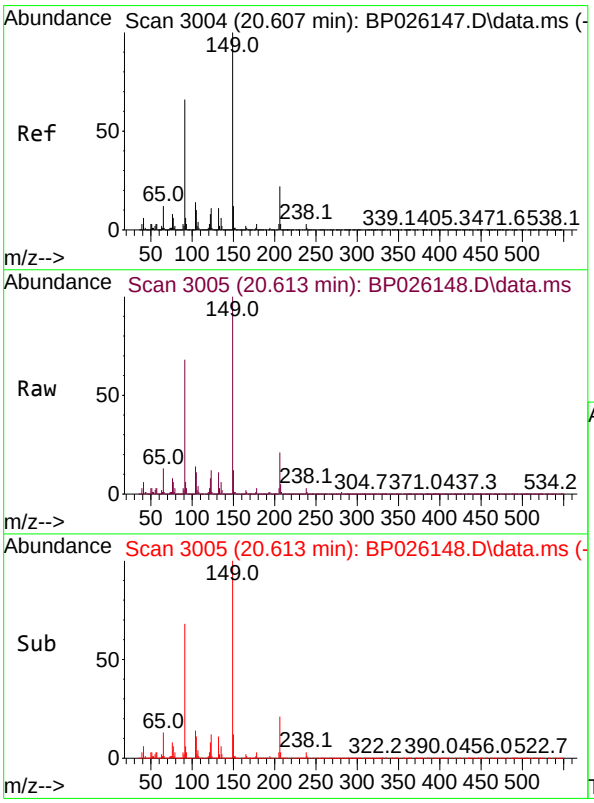
#79
Terphenyl-d14
Concen: 98.986 ng
RT: 19.877 min Scan# 28
Delta R.T. 0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:244 Resp: 8280260

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	9.8	8.2	12.2

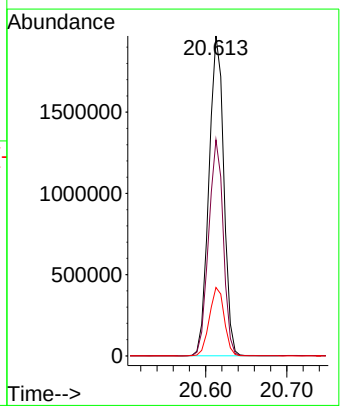


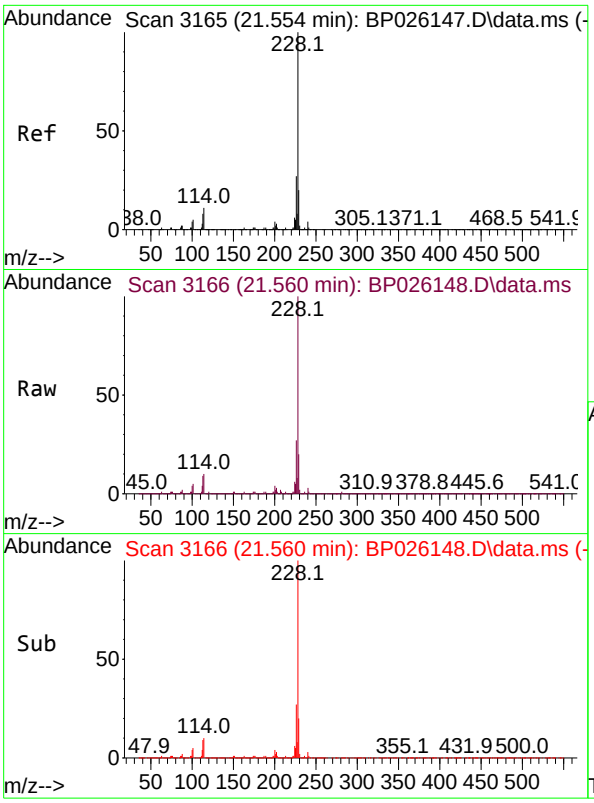


#80
Butylbenzylphthalate
Concen: 65.680 ng
RT: 20.613 min Scan# 3005
Delta R.T. 0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:149 Resp: 2508473

Ion	Ratio	Lower	Upper
149	100		
91	67.5	52.6	79.0
206	21.4	16.9	25.3



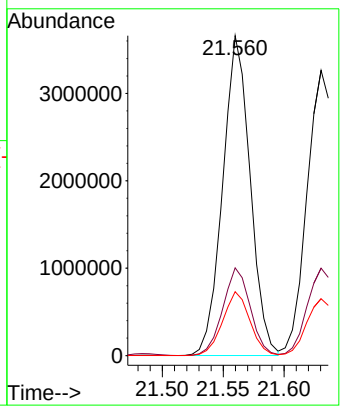


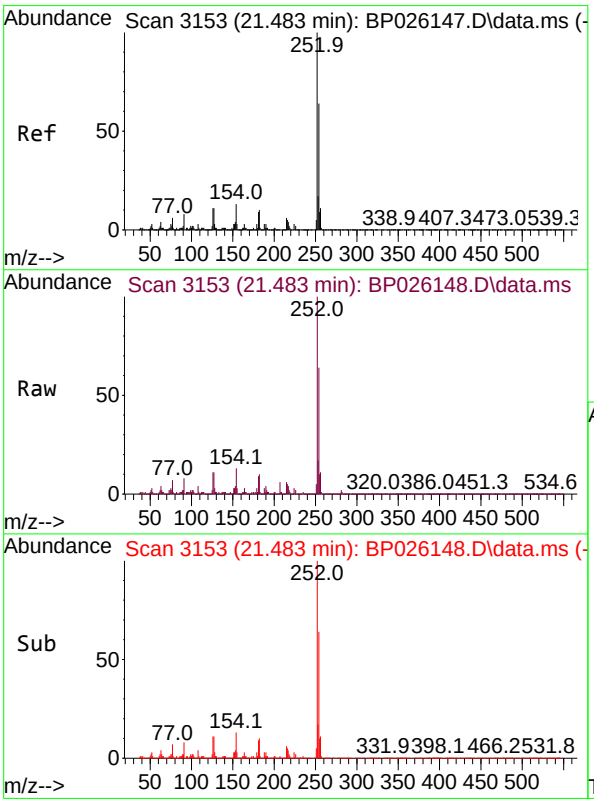
#81
Benzo(a)anthracene
Concen: 49.402 ng
RT: 21.560 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 5754455

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.8	32.8
229	20.0	15.9	23.9

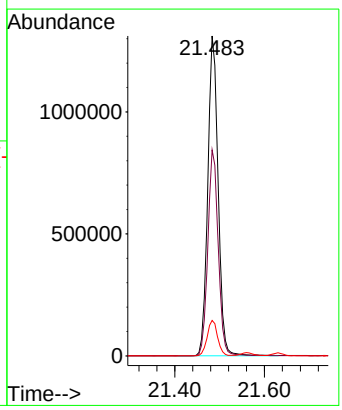


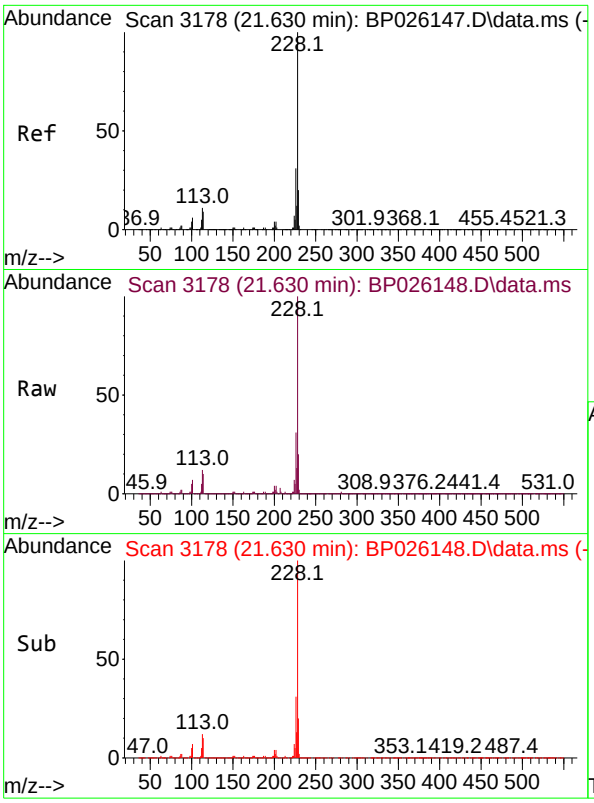


#82
3,3'-Dichlorobenzidine
Concen: 54.722 ng
RT: 21.483 min Scan# 3153
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:252 Resp: 2099346

Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.2	76.8
126	11.1	8.2	12.4



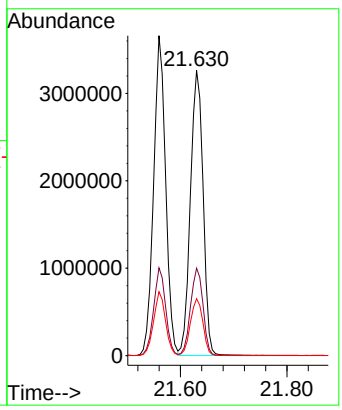


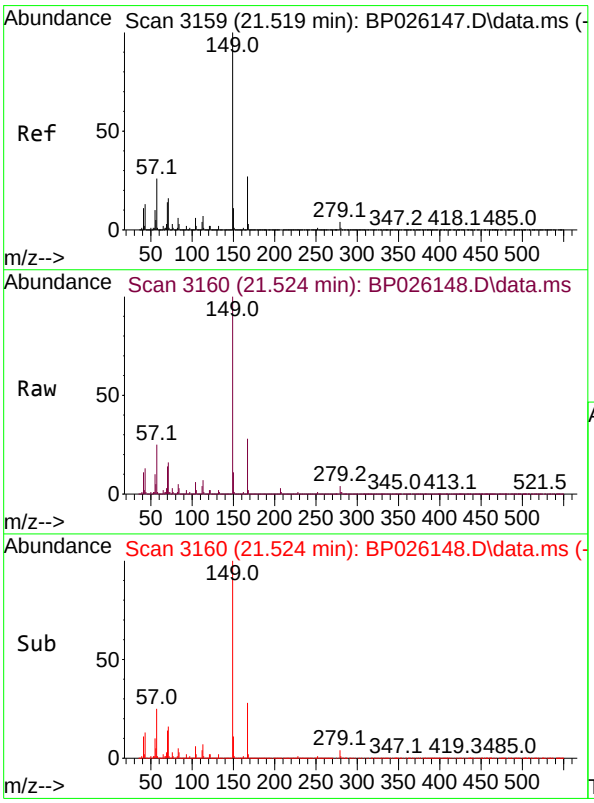
#83
Chrysene
Concen: 48.904 ng
RT: 21.630 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 5399638

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.9	35.9
229	20.0	15.9	23.9

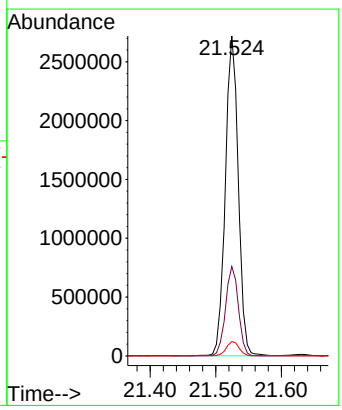


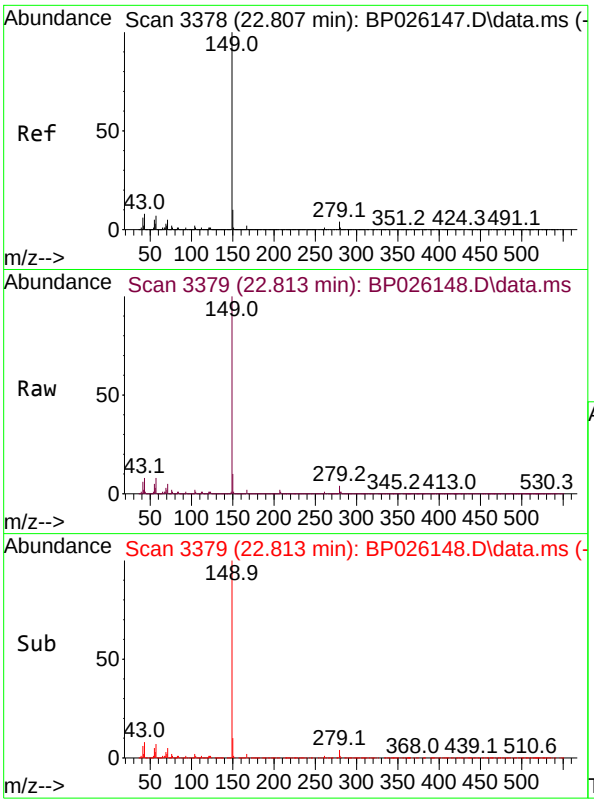


#84
Bis(2-ethylhexyl)phthalate
Concen: 59.805 ng
RT: 21.524 min Scan# 3160
Delta R.T. 0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:149 Resp: 3735211

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.1	33.1
279	4.5	3.3	4.9



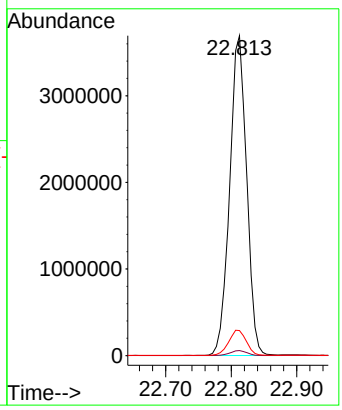


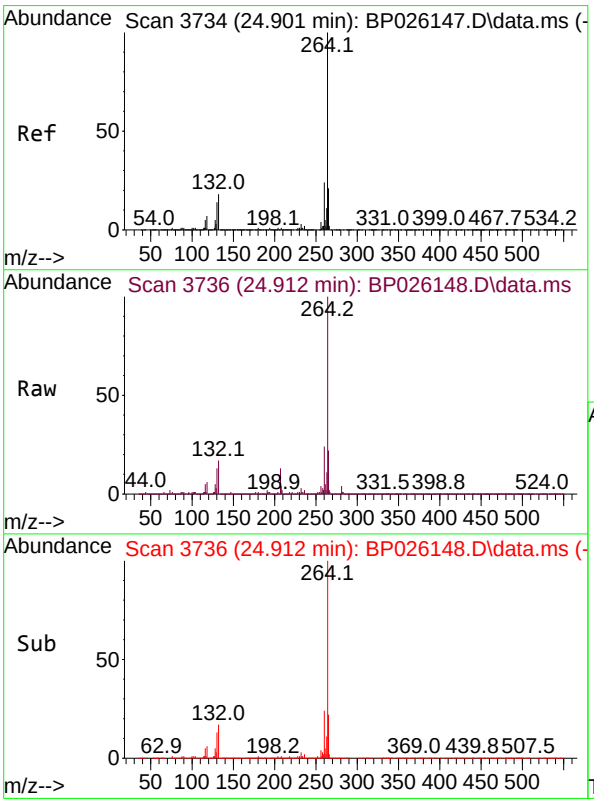
#85
Di-n-octyl phthalate
Concen: 62.248 ng
RT: 22.813 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:149 Resp: 6624425

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.1	6.6	10.0

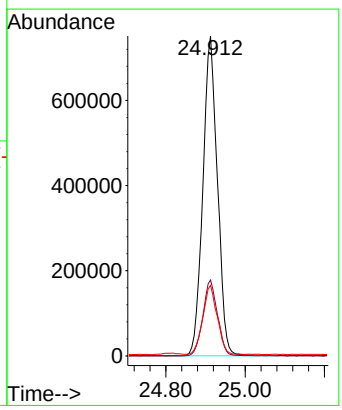


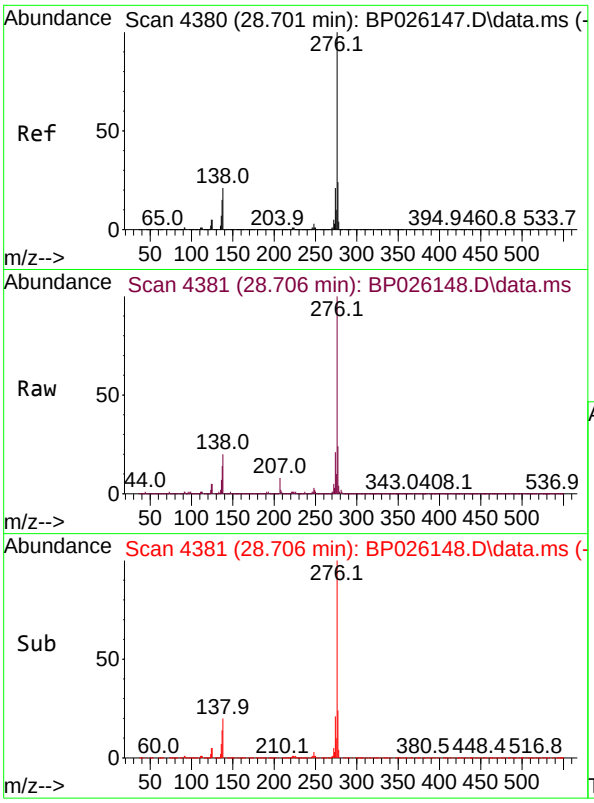


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.912 min Scan# 3736
Delta R.T. 0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:264 Resp: 1916962

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	22.0	17.5	26.3



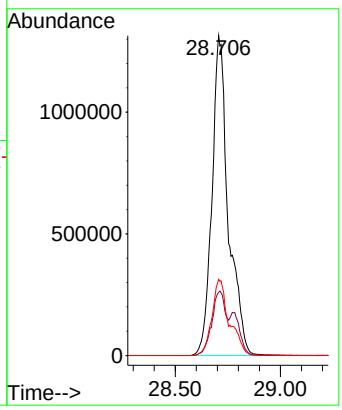


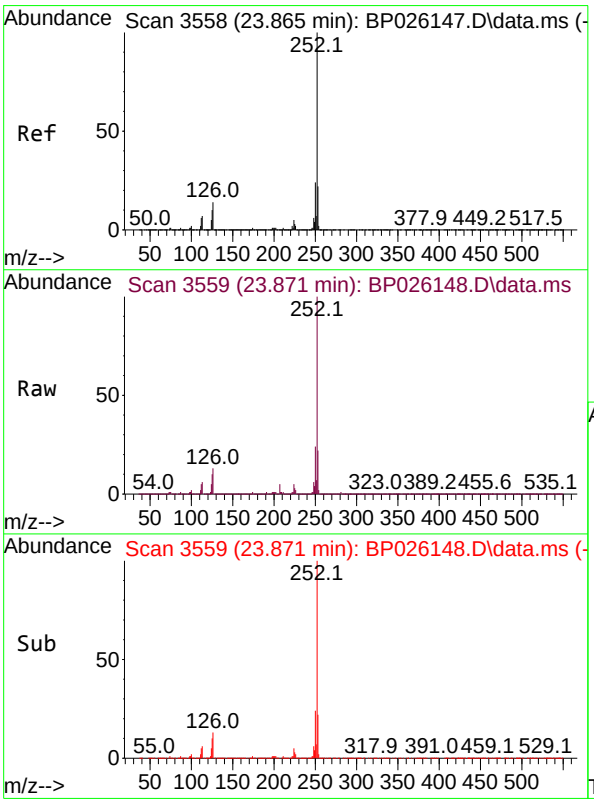
#87
Indeno(1,2,3-cd)pyrene
Concen: 50.540 ng
RT: 28.706 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:276 Resp: 7108078

Ion	Ratio	Lower	Upper
276	100		
138	17.3	13.8	20.8
277	25.3	16.7	25.1#

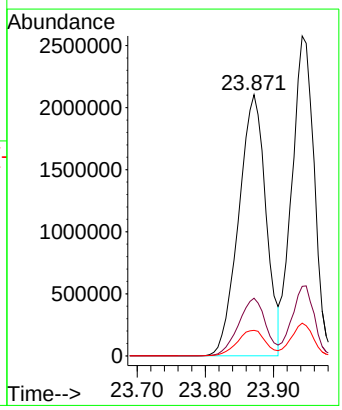


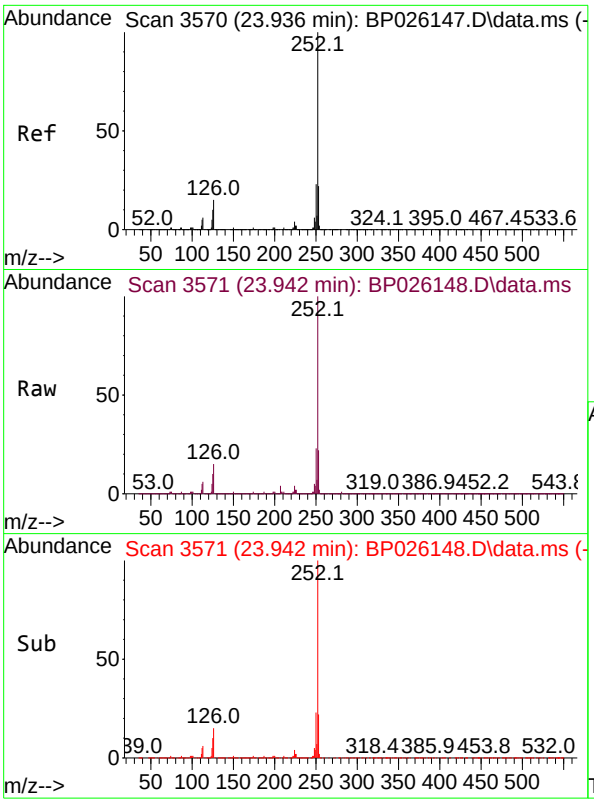


#88
Benzo(b)fluoranthene
Concen: 49.795 ng
RT: 23.871 min Scan# 3559
Delta R.T. 0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:252 Resp: 5855690

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	9.8	8.2	12.4



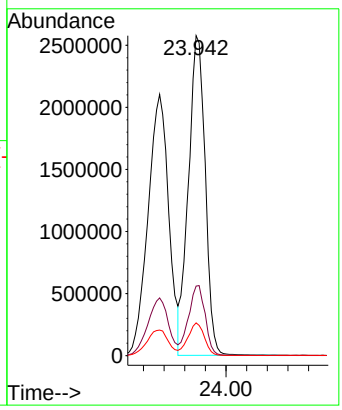


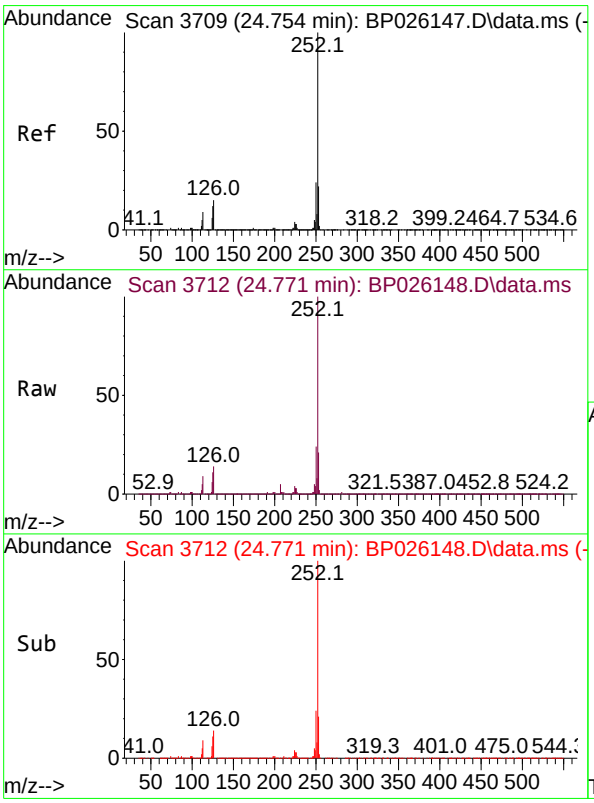
#89
Benzo(k)fluoranthene
Concen: 48.345 ng
RT: 23.942 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:252 Resp: 5812408

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	10.2	7.5	11.3

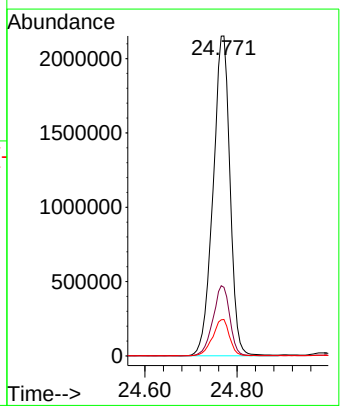


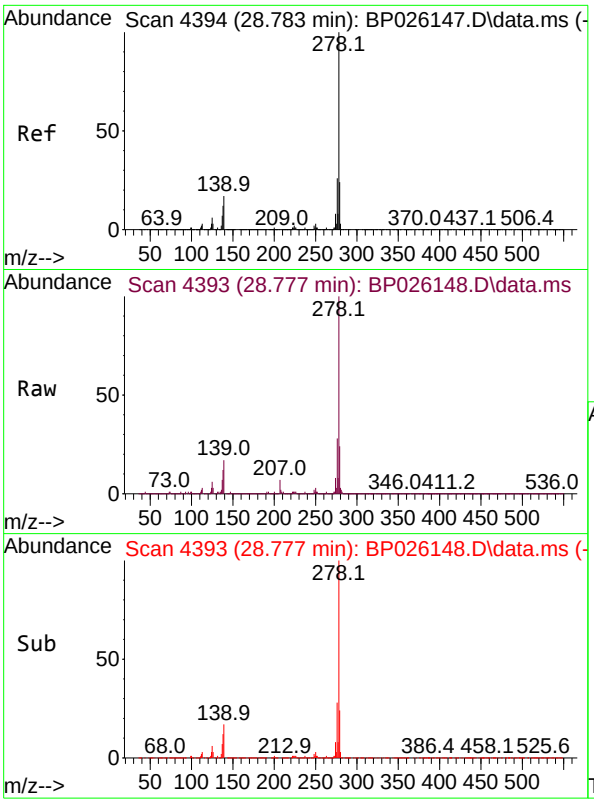


#90
Benzo(a)pyrene
Concen: 50.567 ng
RT: 24.771 min Scan# 3712
Delta R.T. 0.018 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:252 Resp: 5498511

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.2
125	11.4	9.0	13.6



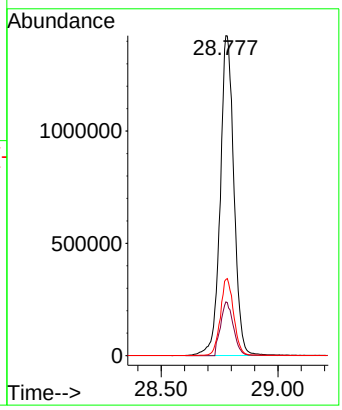


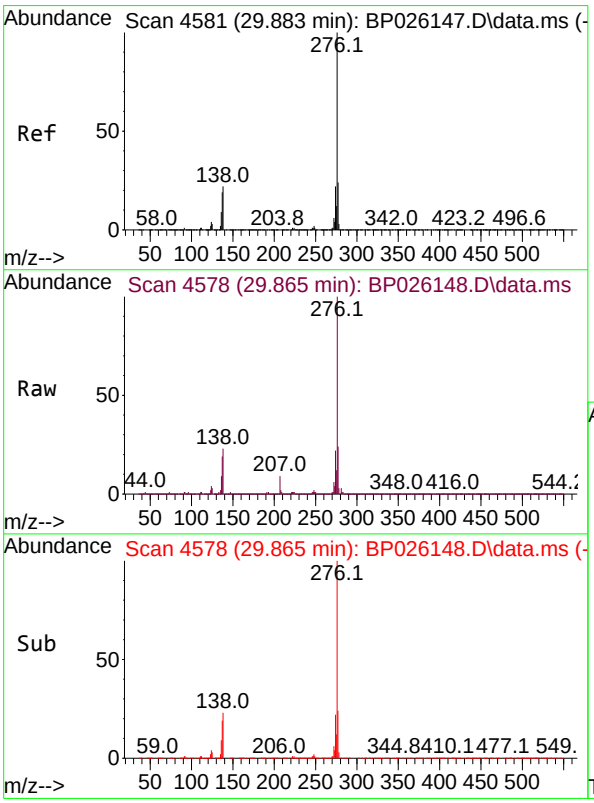
#91
Dibenzo(a,h)anthracene
Concen: 50.535 ng
RT: 28.777 min Scan# 4
Delta R.T. -0.018 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:278 Resp: 5794869

Ion	Ratio	Lower	Upper
278	100		
139	16.8	13.2	19.8
279	23.8	19.2	28.8

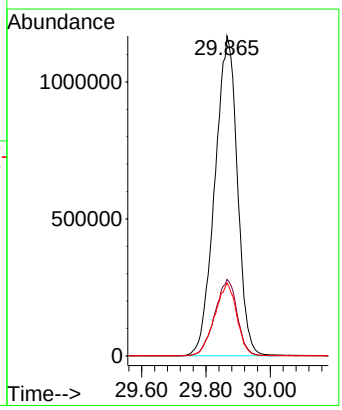




#92
Benzo(g,h,i)perylene
Concen: 51.276 ng
RT: 29.865 min Scan# 4578
Delta R.T. -0.018 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:276 Resp: 5679489

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	22.8	17.8	26.6



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026149.D
Acq On : 18 Nov 2025 20:00
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 01:14:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:06:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.672	152	314197	20.000	ng		0.00
21) Naphthalene-d8	10.443	136	1293043	20.000	ng		0.00
39) Acenaphthene-d10	14.319	164	796804	20.000	ng		0.00
64) Phenanthrene-d10	17.131	188	1609780	20.000	ng		0.00
76) Chrysene-d12	21.583	240	1696557	20.000	ng		0.01
86) Perylene-d12	24.924	264	2032089	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.290	112	2372047	121.142	ng		0.00
7) Phenol-d6	6.855	99	3028199	121.372	ng		0.00
23) Nitrobenzene-d5	8.813	82	2754539	120.813	ng		0.00
42) 2,4,6-Tribromophenol	15.837	330	1244554	120.534	ng		0.00
45) 2-Fluorobiphenyl	12.925	172	6333636	115.965	ng		0.00
79) Terphenyl-d14	19.872	244	9339644	112.262	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.220	88	476245	59.785	ng		99
3) Pyridine	3.614	79	1382108	60.186	ng		99
4) n-Nitrosodimethylamine	3.520	42	517563	60.473	ng		95
6) Aniline	7.008	93	2004653	60.994	ng		99
8) 2-Chlorophenol	7.243	128	1356198	60.900	ng		99
9) Benzaldehyde	6.819	77	765301	71.224	ng		99
10) Phenol	6.878	94	1642143	61.164	ng		99
11) bis(2-Chloroethyl)ether	7.102	93	1261123	60.197	ng		99
12) 1,3-Dichlorobenzene	7.561	146	1430521	59.655	ng		100
13) 1,4-Dichlorobenzene	7.708	146	1443827	59.788	ng		100
14) 1,2-Dichlorobenzene	8.019	146	1385870	59.657	ng		99
15) Benzyl Alcohol	7.908	79	1096741	60.077	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.196	45	1745357	58.925	ng		99
17) 2-Methylphenol	8.108	107	1112503	60.841	ng		99
18) Hexachloroethane	8.743	117	525228	59.675	ng		97
19) n-Nitroso-di-n-propyla...	8.472	70	919437	59.177	ng		99
20) 3+4-Methylphenols	8.437	107	1508814	59.338	ng		100
22) Acetophenone	8.484	105	1966749	59.787	ng	#	99
24) Nitrobenzene	8.855	77	1394959	60.453	ng		100
25) Isophorone	9.384	82	2661277	58.787	ng		99
26) 2-Nitrophenol	9.555	139	744625	64.005	ng		99
27) 2,4-Dimethylphenol	9.625	122	1267624	60.144	ng		99
28) bis(2-Chloroethoxy)met...	9.855	93	1650883	58.243	ng		99
29) 2,4-Dichlorophenol	10.090	162	1279059	60.911	ng		99
30) 1,2,4-Trichlorobenzene	10.307	180	1271878	59.435	ng		99
31) Naphthalene	10.496	128	4106445	58.487	ng		99
32) Benzoic acid	9.802	122	1274317	75.148	ng		98
33) 4-Chloroaniline	10.596	127	1774806	59.551	ng		99
34) Hexachlorobutadiene	10.784	225	820866	58.957	ng		99
35) Caprolactam	11.390	113	442308	58.493	ng		99
36) 4-Chloro-3-methylphenol	11.731	107	1333194	59.672	ng		99
37) 2-Methylnaphthalene	12.107	142	2892574	58.205	ng		100
38) 1-Methylnaphthalene	12.331	142	2826038	58.118	ng		99
40) 1,2,4,5-Tetrachloroben...	12.484	216	1458024	60.722	ng		100
41) Hexachlorocyclopentadiene	12.466	237	999826	63.796	ng		100
43) 2,4,6-Trichlorophenol	12.719	196	1019369	61.691	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026149.D
Acq On : 18 Nov 2025 20:00
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 01:14:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:06:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.796	196	1129527	61.302	ng	99
46) 1,1'-Biphenyl	13.131	154	3595006	60.111	ng	100
47) 2-Chloronaphthalene	13.172	162	2855986	60.741	ng	100
48) 2-Nitroaniline	13.372	65	833079	63.445	ng	97
49) Acenaphthylene	14.031	152	4662622	59.935	ng	100
50) Dimethylphthalate	13.766	163	3514882	59.198	ng	100
51) 2,6-Dinitrotoluene	13.884	165	748865	63.777	ng	98
52) Acenaphthene	14.384	154	2756036	60.573	ng	100
53) 3-Nitroaniline	14.219	138	878733	63.349	ng	99
54) 2,4-Dinitrophenol	14.419	184	462858	65.711	ng	97
55) Dibenzofuran	14.725	168	4154597	58.432	ng	99
56) 4-Nitrophenol	14.543	139	775308	61.570	ng	99
57) 2,4-Dinitrotoluene	14.684	165	1112352	63.016	ng	99
58) Fluorene	15.390	166	3230615	57.477	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.960	232	945836	60.606	ng	100
60) Diethylphthalate	15.166	149	3494483	58.065	ng	99
61) 4-Chlorophenyl-phenyle...	15.390	204	1609638	57.693	ng	98
62) 4-Nitroaniline	15.407	138	898849	61.908	ng	99
63) Azobenzene	15.690	77	2992722	59.189	ng	99
65) 4,6-Dinitro-2-methylph...	15.466	198	645829	63.752	ng	97
66) n-Nitrosodiphenylamine	15.607	169	2939838	59.025	ng	100
67) 4-Bromophenyl-phenylether	16.301	248	1064991	59.865	ng	98
68) Hexachlorobenzene	16.419	284	1225655	59.631	ng	98
69) Atrazine	16.589	200	1106977	59.021	ng	99
70) Pentachlorophenol	16.766	266	870320	60.353	ng	99
71) Phenanthrene	17.172	178	5259509	57.751	ng	100
72) Anthracene	17.266	178	5478029	58.894	ng	99
73) Carbazole	17.548	167	5069471	57.610	ng	99
74) Di-n-butylphthalate	18.154	149	5907343	56.562	ng	100
75) Fluoranthene	19.266	202	6367611	57.206	ng	100
77) Benzidine	19.466	184	3022349	57.876	ng	100
78) Pyrene	19.642	202	6627085	59.952	ng	99
80) Butylbenzylphthalate	20.607	149	2824354	57.369	ng	99
81) Benzo(a)anthracene	21.566	228	6873070	59.071	ng	99
82) 3,3'-Dichlorobenzidine	21.489	252	2496806	59.050	ng	99
83) Chrysene	21.630	228	6511651	59.444	ng	99
84) Bis(2-ethylhexyl)phtha...	21.525	149	4143037	56.063	ng	99
85) Di-n-octyl phthalate	22.813	149	7466824	57.415	ng	99
87) Indeno(1,2,3-cd)pyrene	28.724	276	9332480m	61.647	ng	
88) Benzo(b)fluoranthene	23.877	252	7316006	59.218	ng	99
89) Benzo(k)fluoranthene	23.954	252	7264550	58.835	ng	99
90) Benzo(a)pyrene	24.765	252	6987741	59.626	ng	99
91) Dibenzo(a,h)anthracene	28.795	278	7590692	61.180	ng	99
92) Benzo(g,h,i)perylene	29.883	276	7581255	61.561	ng	99

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

ICAL Form

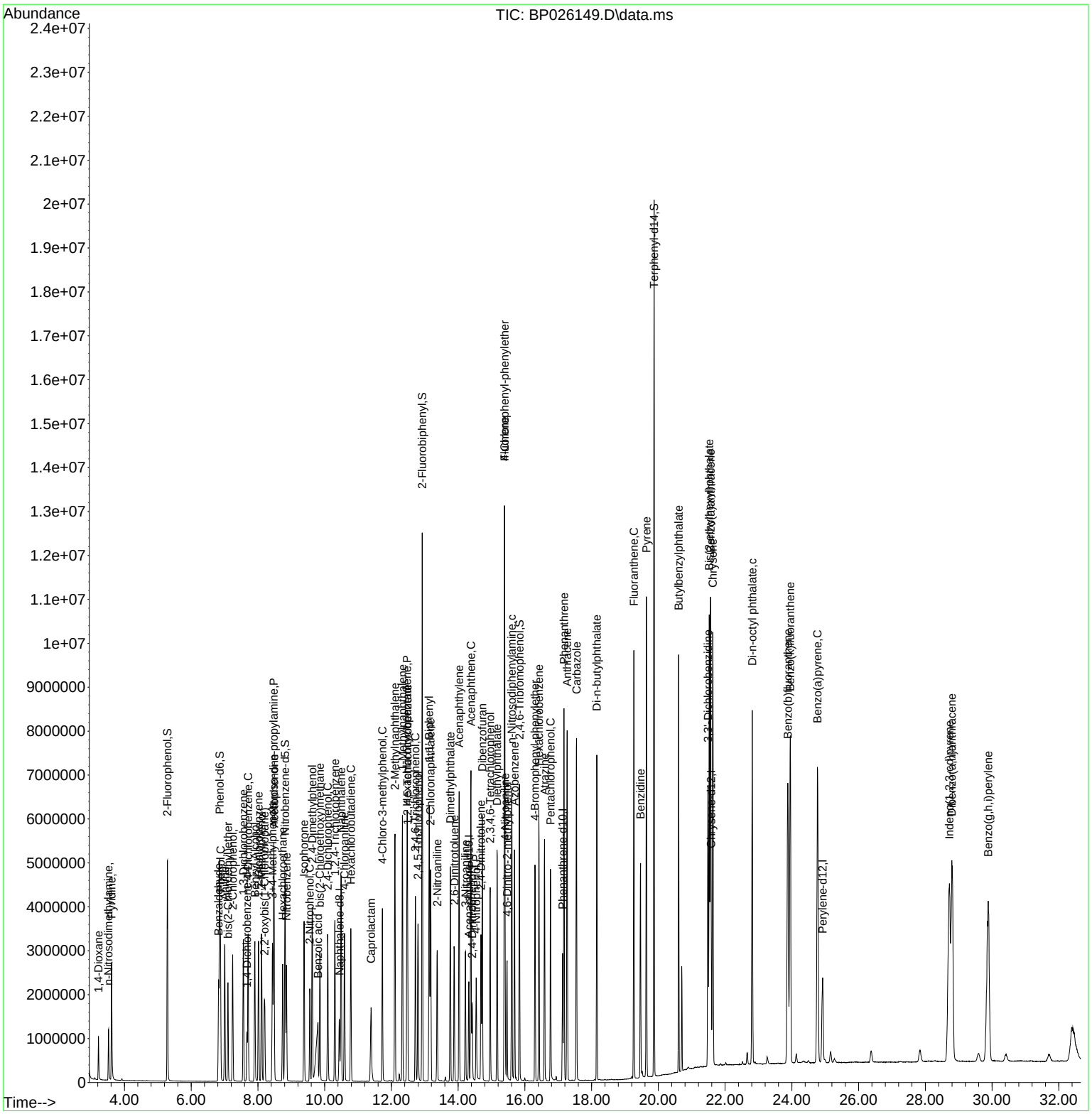
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Data File : BP026149.D
Acq On : 18 Nov 2025 20:00
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 10 Sample Multiplier: 1

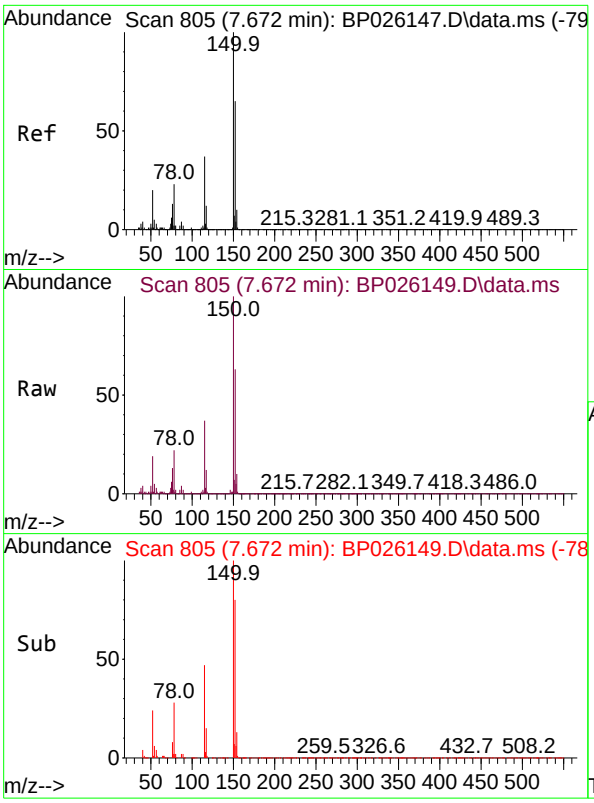
Quant Time: Nov 19 01:14:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:06:38 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

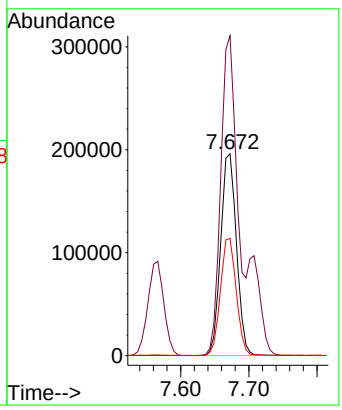




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:152 Resp: 31419

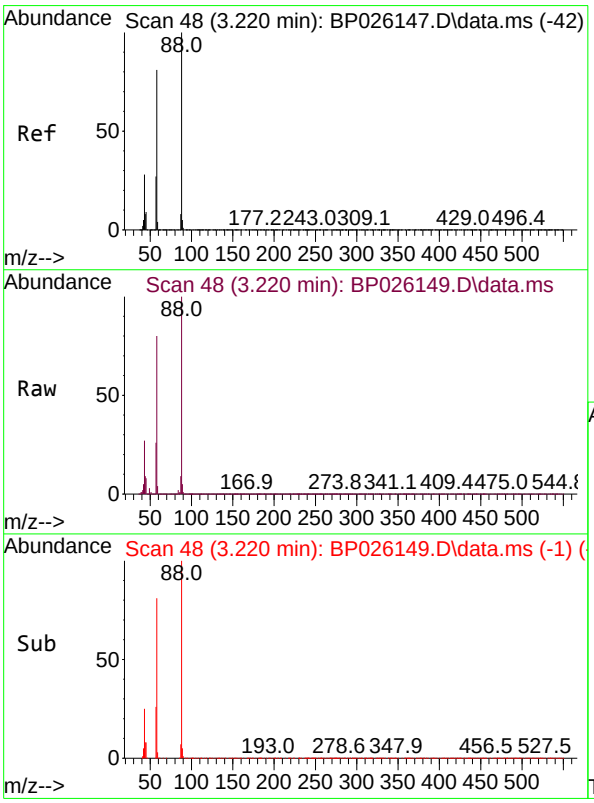
Ion	Ratio	Lower	Upper
152	100		
150	158.6	123.0	184.6
115	58.1	46.3	69.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

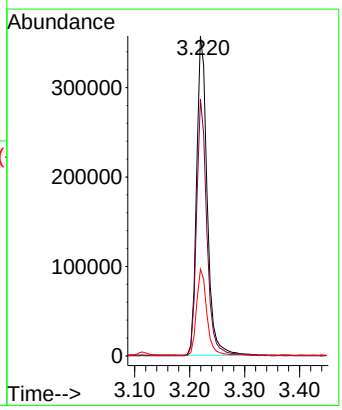
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

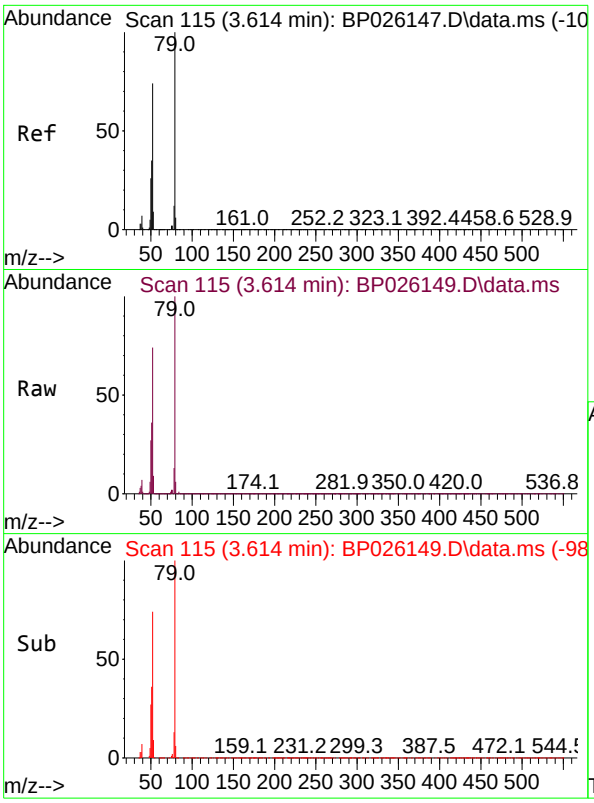


#2
1,4-Dioxane
Concen: 59.785 ng
RT: 3.220 min Scan# 48
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion: 88 Resp: 476245

Ion	Ratio	Lower	Upper
88	100		
58	79.0	64.2	96.4
43	26.7	21.5	32.3

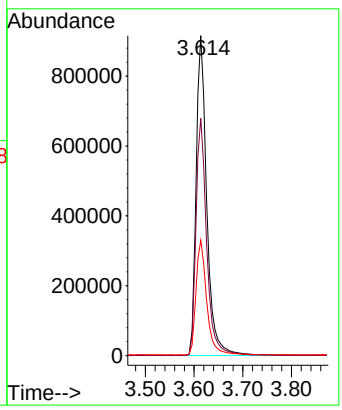




#3
Pyridine
Concen: 60.186 ng
RT: 3.614 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion: 79 Resp: 138210

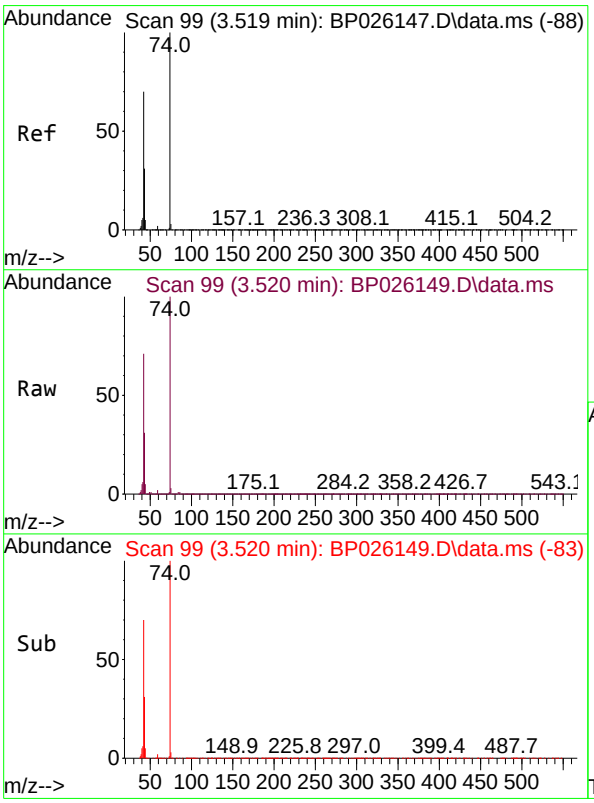
Ion	Ratio	Lower	Upper
79	100		
52	74.1	60.2	90.2
51	36.1	29.5	44.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

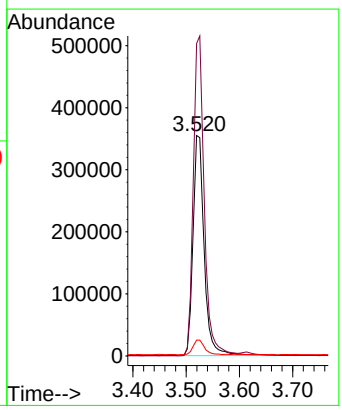
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

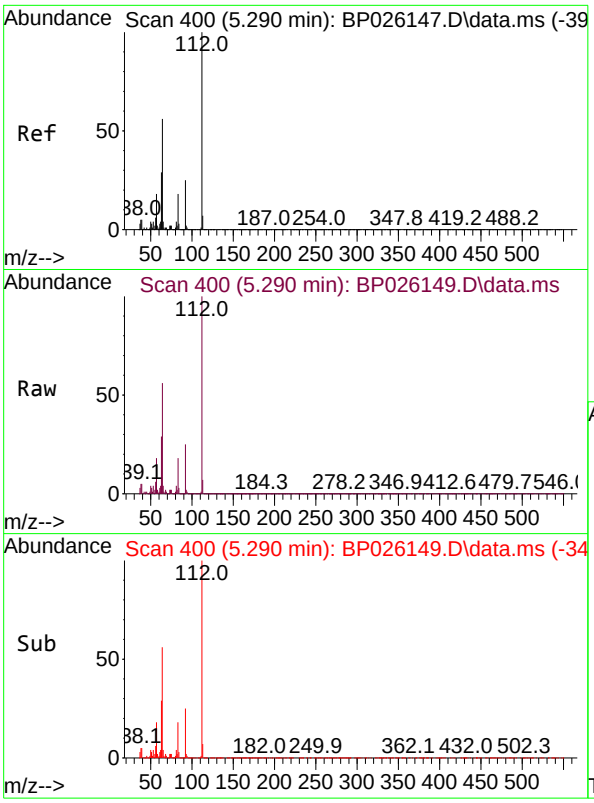


#4
n-Nitrosodimethylamine
Concen: 60.473 ng
RT: 3.520 min Scan# 99
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion: 42 Resp: 517563

Ion	Ratio	Lower	Upper
42	100		
74	141.8	118.1	177.1
44	7.2	6.2	9.4

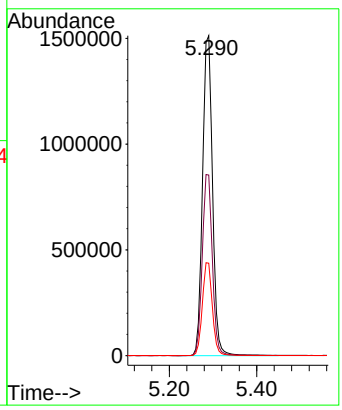




#5
2-Fluorophenol
Concen: 121.142 ng
RT: 5.290 min Scan# 40
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:112 Resp: 237204

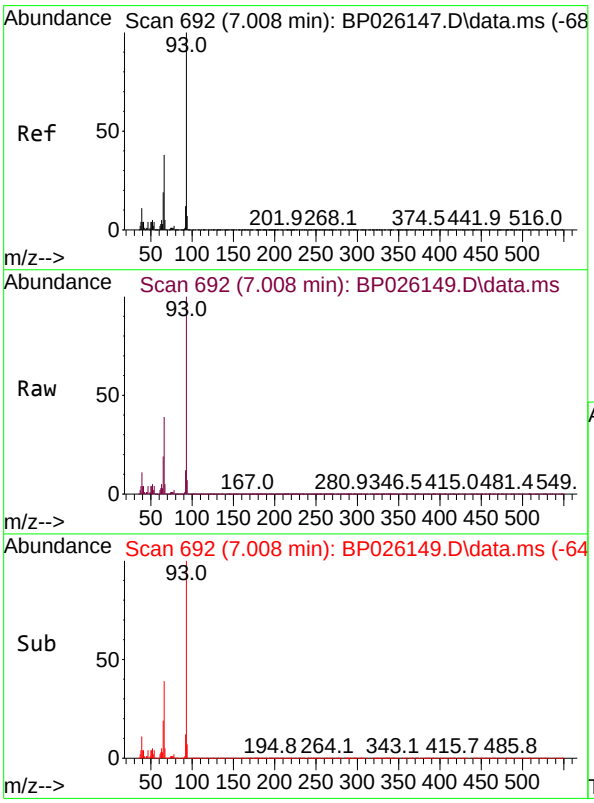
Ion	Ratio	Lower	Upper
112	100		
64	56.4	45.8	68.6
63	28.9	23.5	35.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

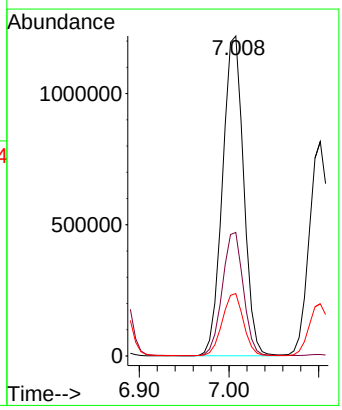
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

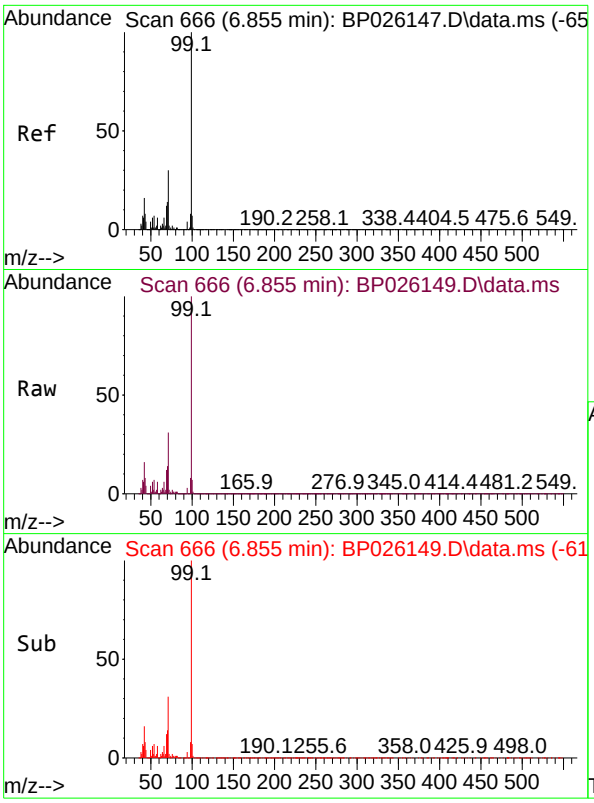


#6
Aniline
Concen: 60.994 ng
RT: 7.008 min Scan# 692
Delta R.T. 0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion: 93 Resp: 2004653

Ion	Ratio	Lower	Upper
93	100		
66	38.6	31.7	47.5
65	19.5	15.8	23.6

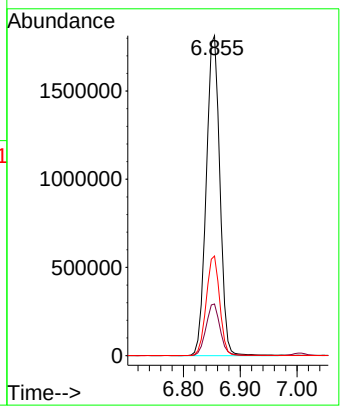




#7
Phenol-d6
Concen: 121.372 ng
RT: 6.855 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion: 99 Resp: 3028199

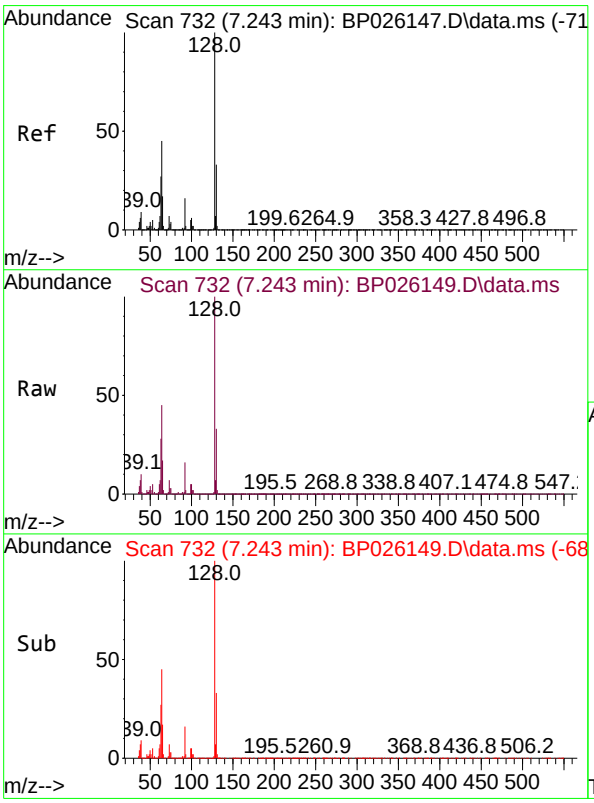
Ion	Ratio	Lower	Upper
99	100		
42	16.1	12.9	19.3
71	31.1	24.8	37.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

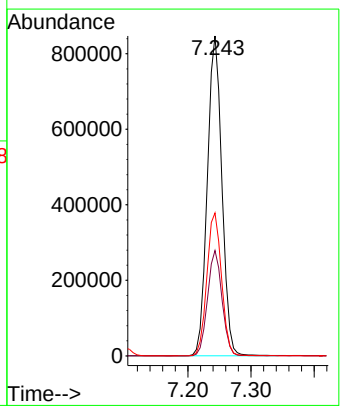
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

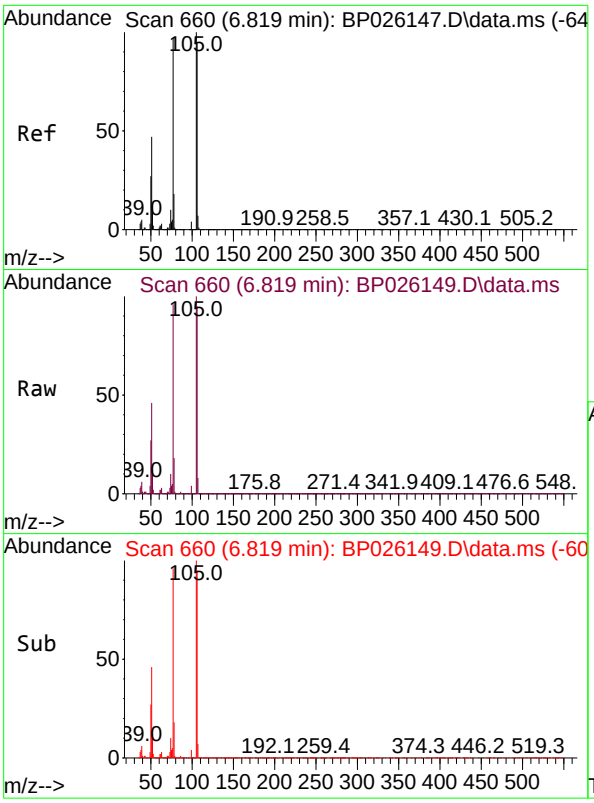


#8
2-Chlorophenol
Concen: 60.900 ng
RT: 7.243 min Scan# 732
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:128 Resp: 1356198

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.4	52.4
64	44.7	23.9	63.9

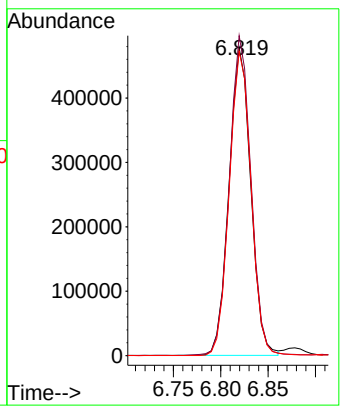




#9
Benzaldehyde
Concen: 71.224 ng
RT: 6.819 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion: 77 Resp: 765301

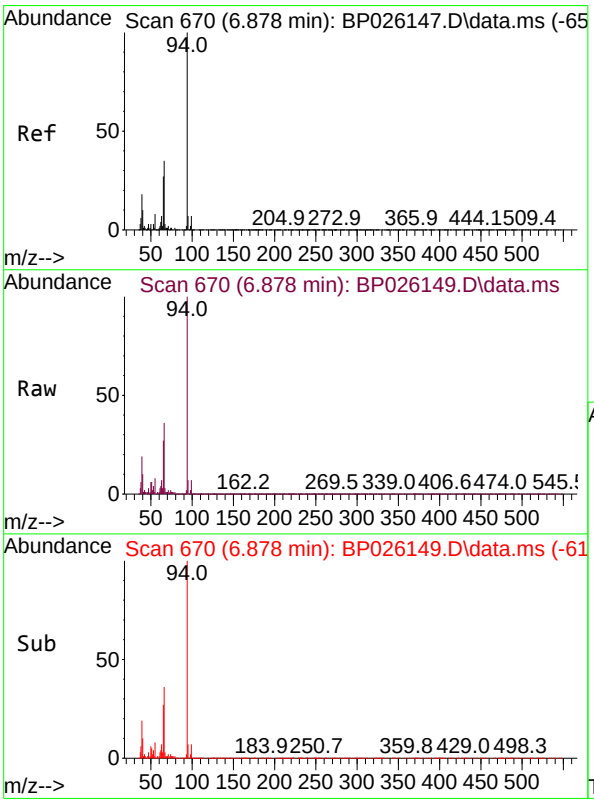
Ion	Ratio	Lower	Upper
77	100		
105	104.0	82.9	122.9
106	98.9	77.8	117.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

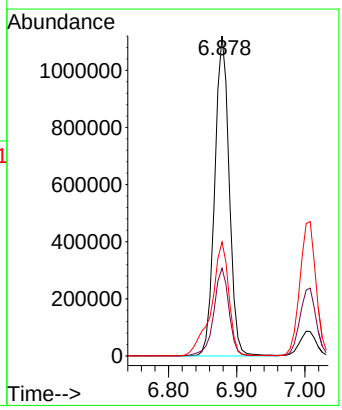
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

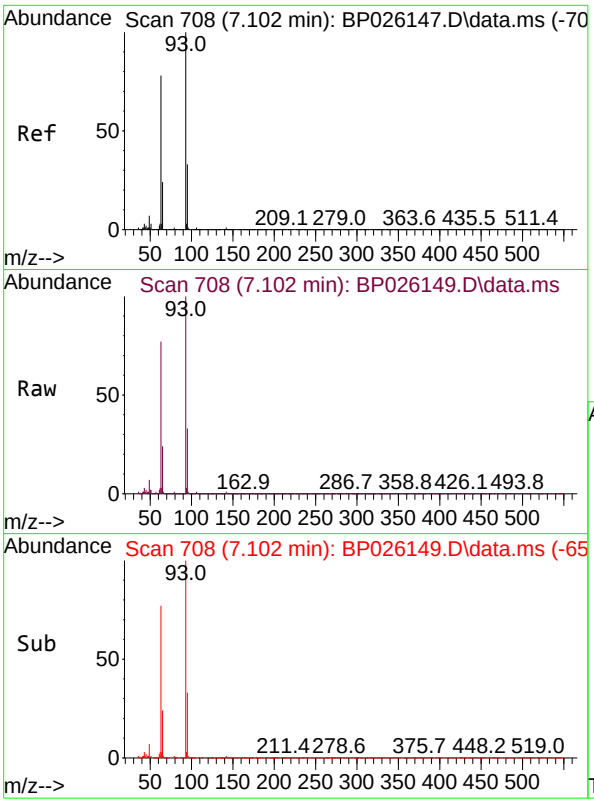


#10
Phenol
Concen: 61.164 ng
RT: 6.878 min Scan# 670
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion: 94 Resp: 1642143

Ion	Ratio	Lower	Upper
94	100		
65	27.4	7.0	47.0
66	35.6	14.5	54.5

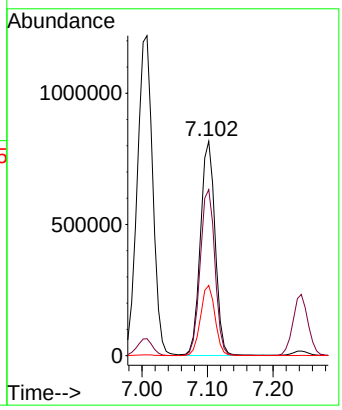




#11
bis(2-Chloroethyl)ether
Concen: 60.197 ng
RT: 7.102 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion: 93 Resp: 126112

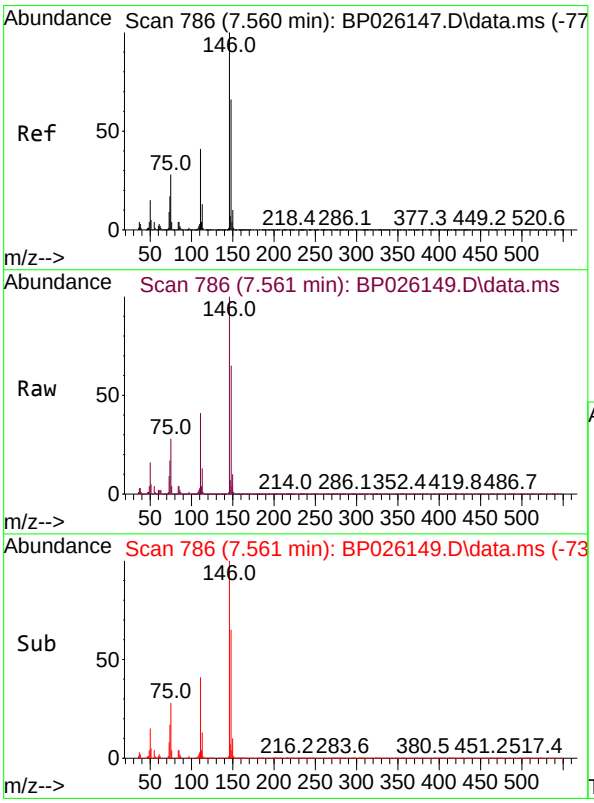
Ion	Ratio	Lower	Upper
93	100		
63	77.5	58.8	98.8
95	32.7	12.1	52.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations
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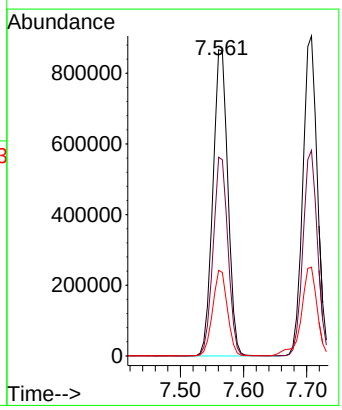
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

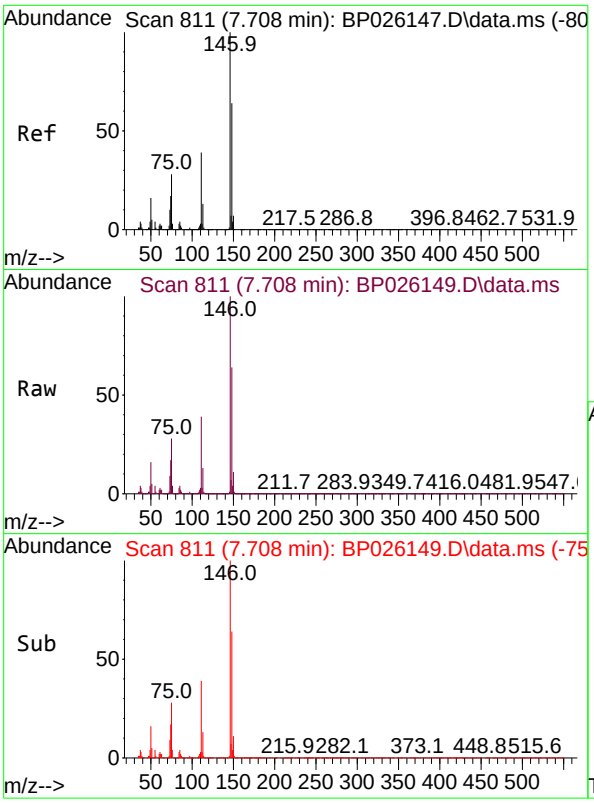


#12
1,3-Dichlorobenzene
Concen: 59.655 ng
RT: 7.561 min Scan# 786
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:146 Resp: 1430521

Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.8	77.8
75	28.0	22.2	33.2





#13
1,4-Dichlorobenzene
Concen: 59.788 ng
RT: 7.708 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

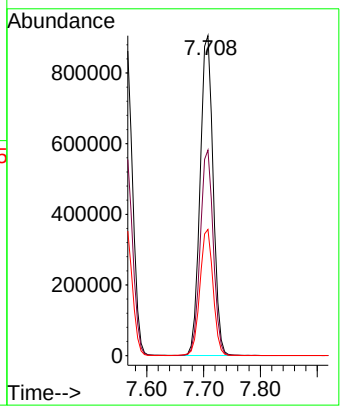
Tgt Ion:146 Resp: 144382

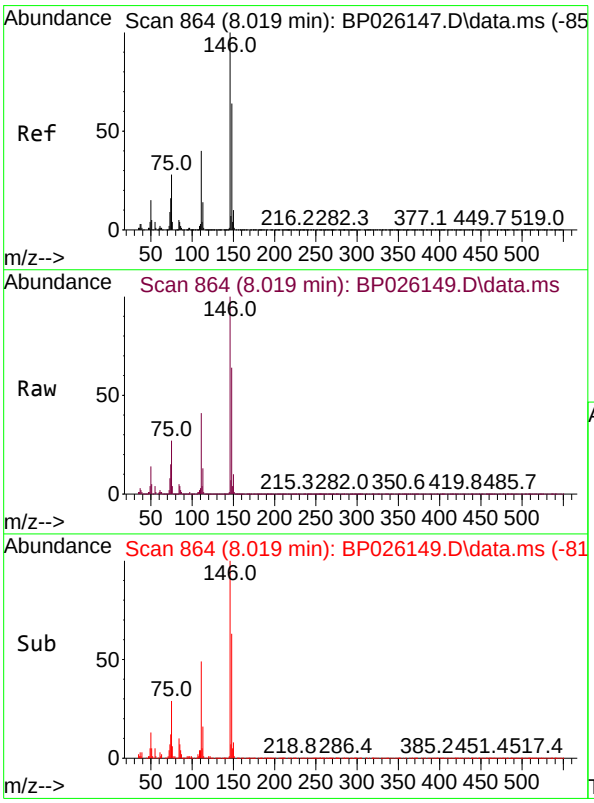
Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.4	77.2
111	39.4	31.7	47.5

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

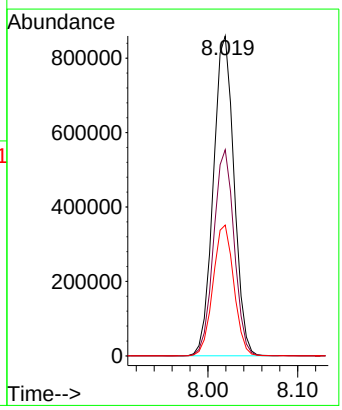


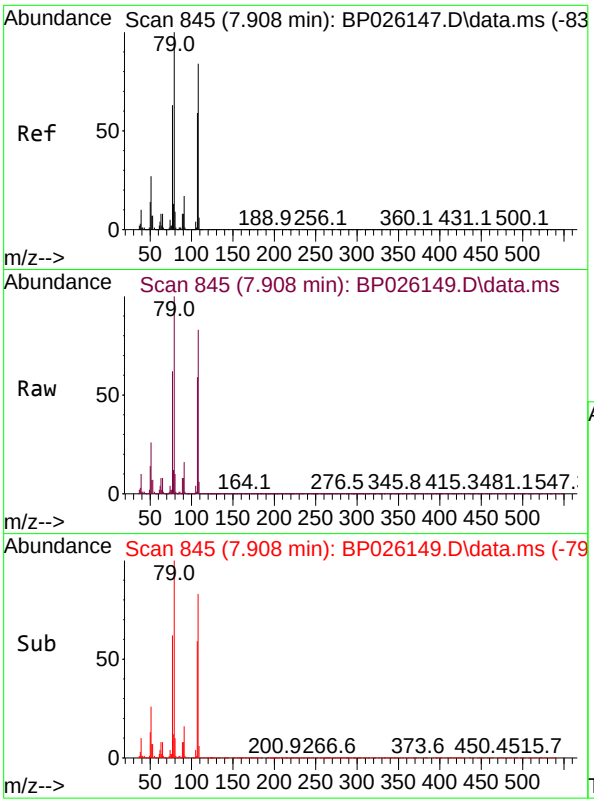


#14
1,2-Dichlorobenzene
Concen: 59.657 ng
RT: 8.019 min Scan# 864
Delta R.T. 0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:146 Resp: 1385870

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.0	76.6
111	40.9	33.0	49.4





#15
Benzyl Alcohol
Concen: 60.077 ng
RT: 7.908 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

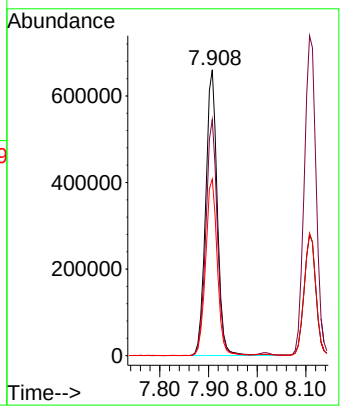
Tgt Ion: 79 Resp: 109674

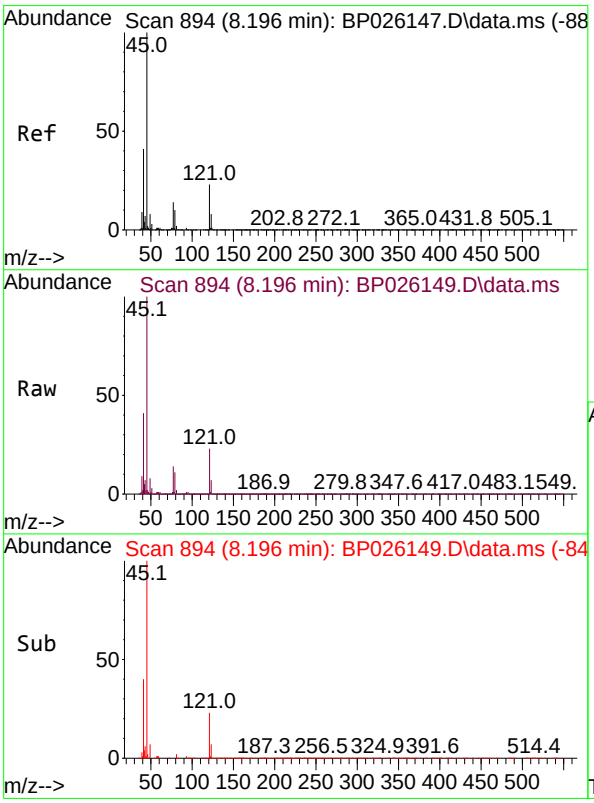
Ion	Ratio	Lower	Upper
79	100		
108	82.6	66.2	99.4
77	61.8	50.0	75.0

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

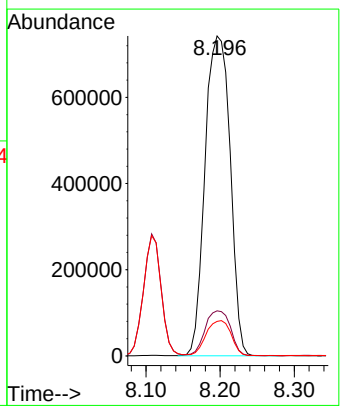


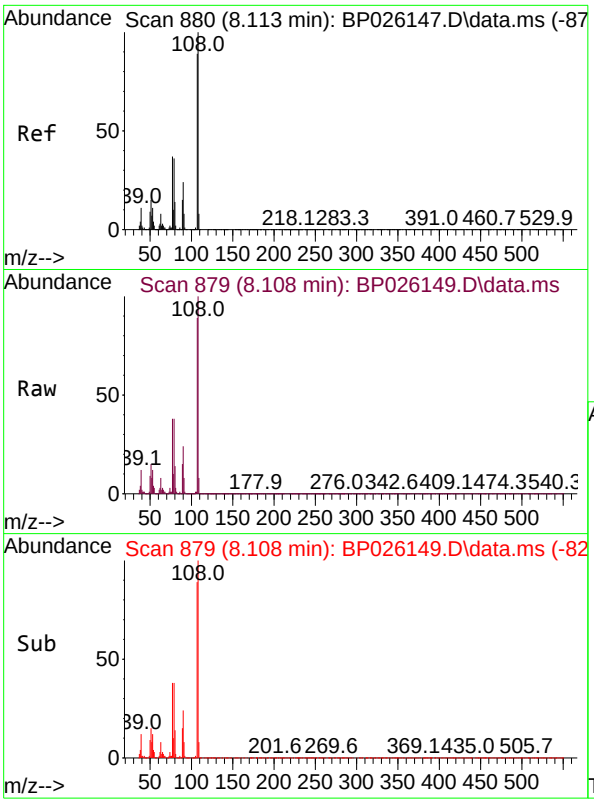


#16
2,2'-oxybis(1-Chloropropane)
Concen: 58.925 ng
RT: 8.196 min Scan# 894
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion: 45 Resp: 1745357

Ion	Ratio	Lower	Upper
45	100		
77	14.1	0.0	33.9
79	10.8	0.0	30.4

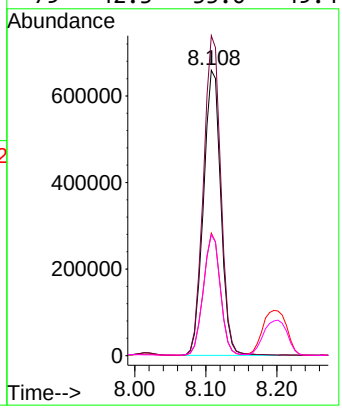




#17
2-Methylphenol
Concen: 60.841 ng
RT: 8.108 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:107 Resp: 111250

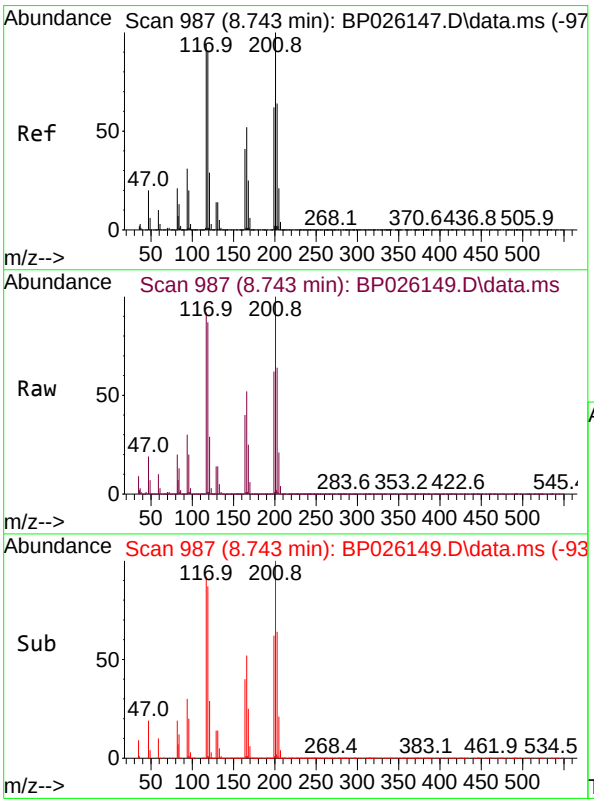
Ion	Ratio	Lower	Upper
107	100		
108	112.1	89.7	134.5
77	42.9	33.9	50.9
79	42.3	33.0	49.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

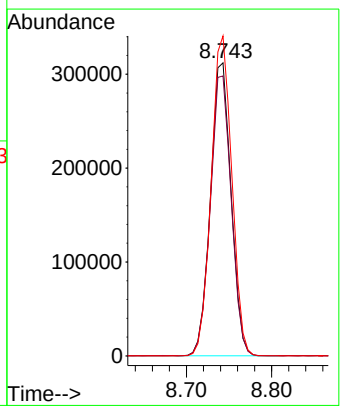
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

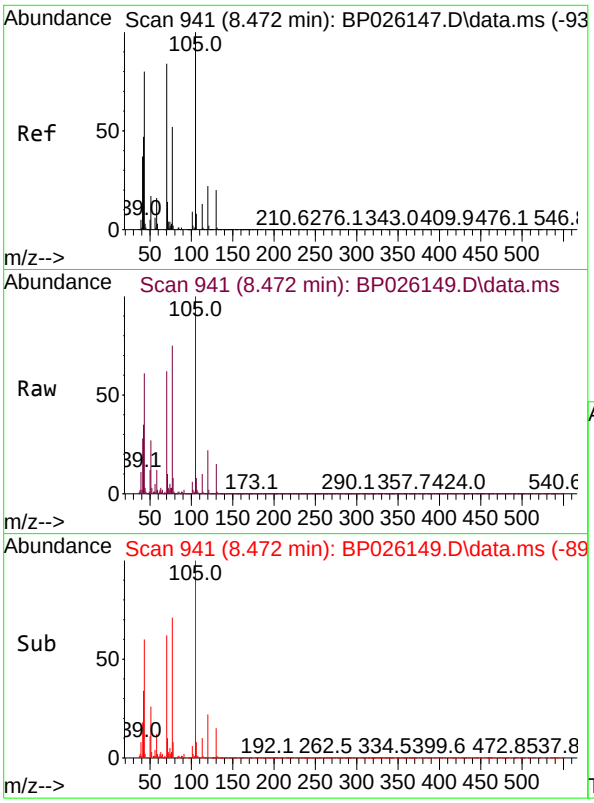


#18
Hexachloroethane
Concen: 59.675 ng
RT: 8.743 min Scan# 987
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:117 Resp: 525228

Ion	Ratio	Lower	Upper
117	100		
119	95.5	78.7	118.1
201	109.2	85.1	127.7

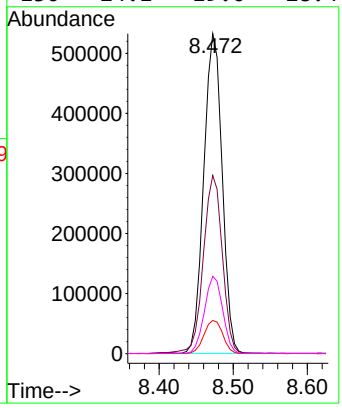




#19
n-Nitroso-di-n-propylamine
Concen: 59.177 ng
RT: 8.472 min Scan# 94
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion: 70 Resp: 91943

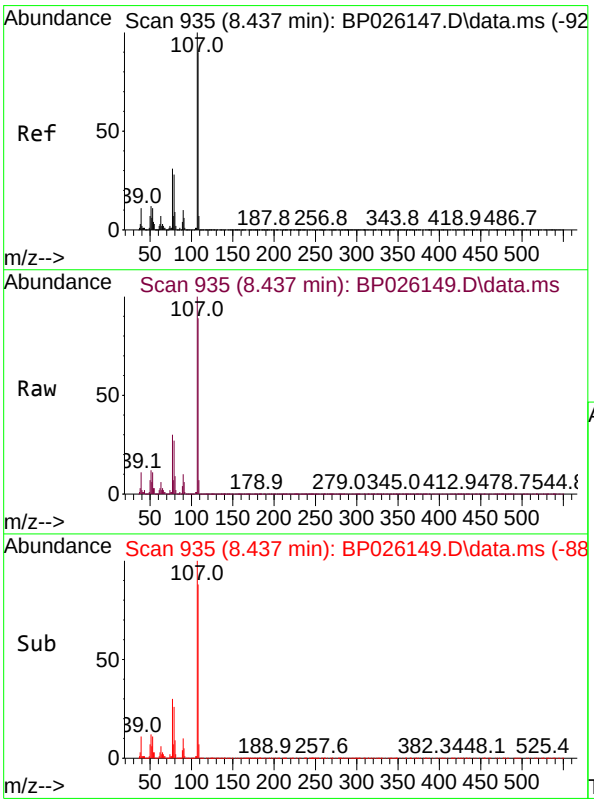
Ion	Ratio	Lower	Upper
70	100		
42	55.7	44.1	66.1
101	10.4	8.2	12.4
130	24.1	19.0	28.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

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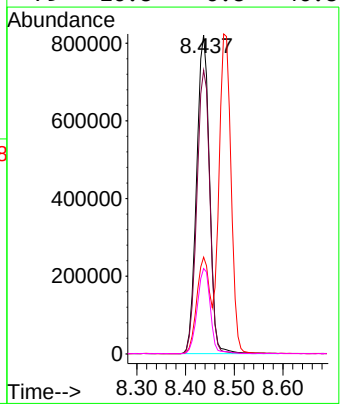
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

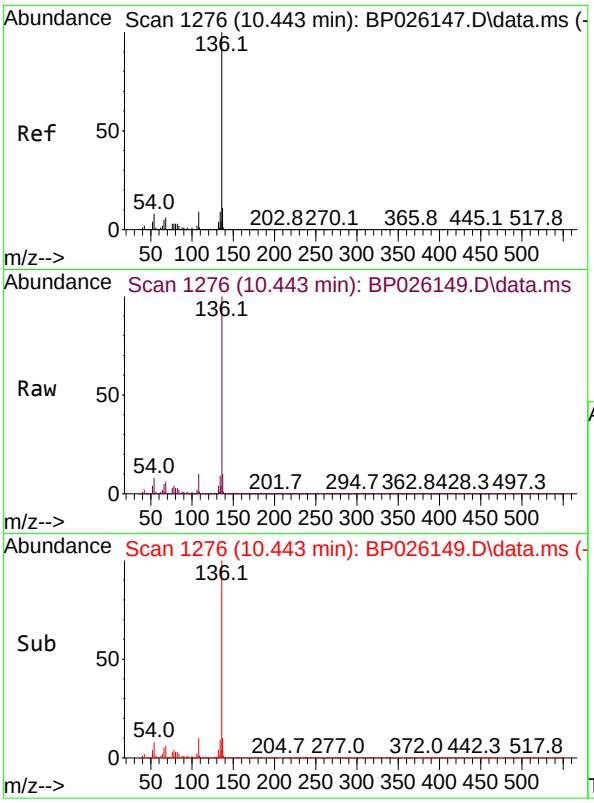


#20
3+4-Methylphenols
Concen: 59.338 ng
RT: 8.437 min Scan# 935
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:107 Resp: 1508814

Ion	Ratio	Lower	Upper
107	100		
108	89.0	68.9	108.9
77	30.4	10.4	50.4
79	26.8	6.8	46.8

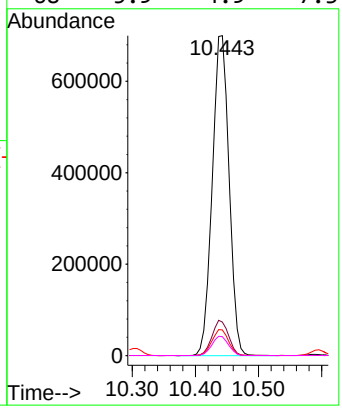




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:136 Resp: 129304

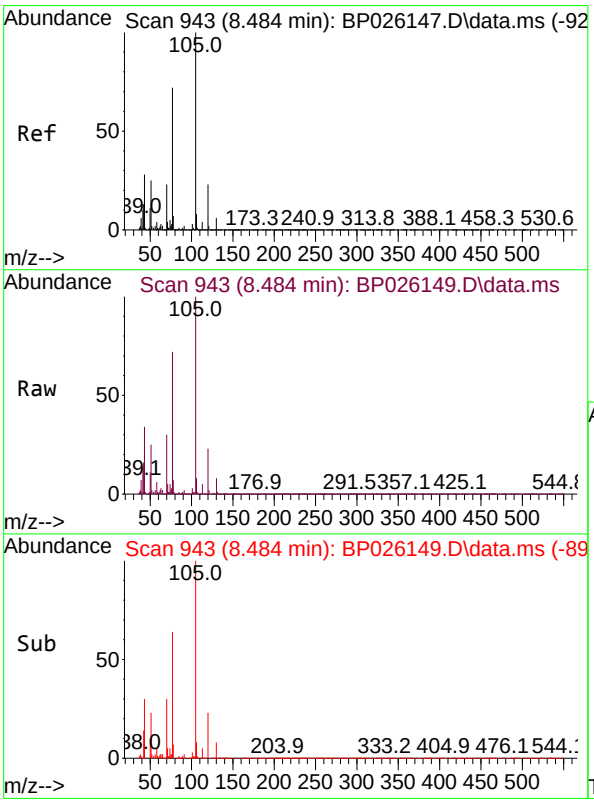
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	8.0	6.4	9.6
68	5.9	4.9	7.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations
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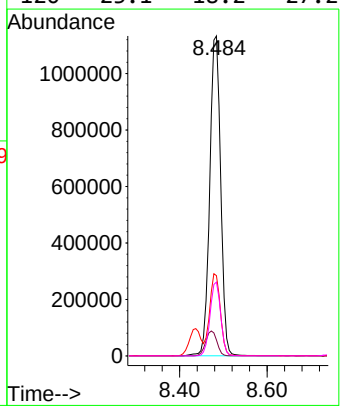
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

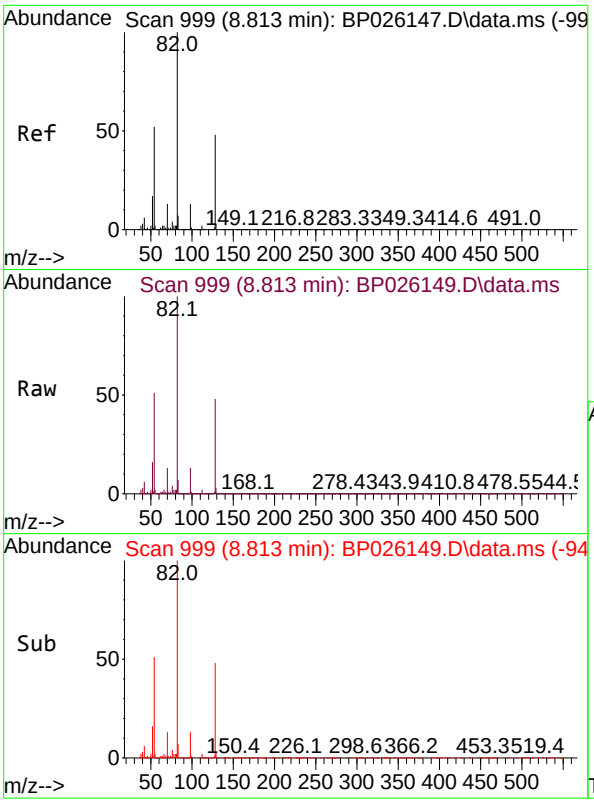


#22
Acetophenone
Concen: 59.787 ng
RT: 8.484 min Scan# 943
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:105 Resp: 1966749

Ion	Ratio	Lower	Upper
105	100		
71	5.0	3.0	4.4#
51	25.1	20.5	30.7
120	23.1	18.2	27.2

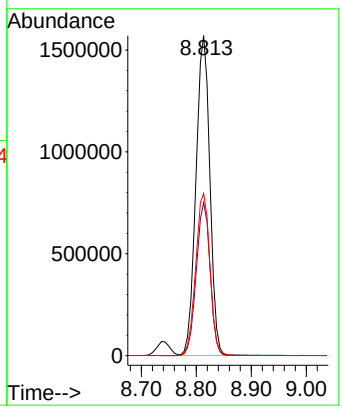




#23
Nitrobenzene-d5
Concen: 120.813 ng
RT: 8.813 min Scan# 99
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion: 82 Resp: 275453

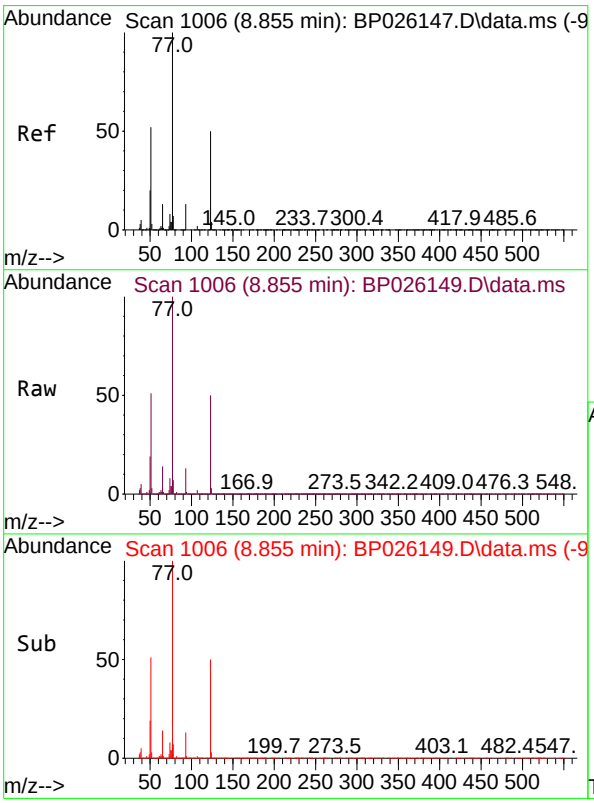
Ion	Ratio	Lower	Upper
82	100		
128	47.8	37.4	56.0
54	50.7	41.6	62.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

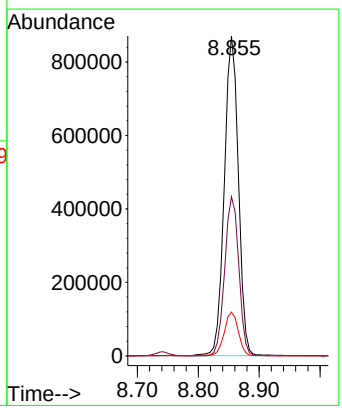
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

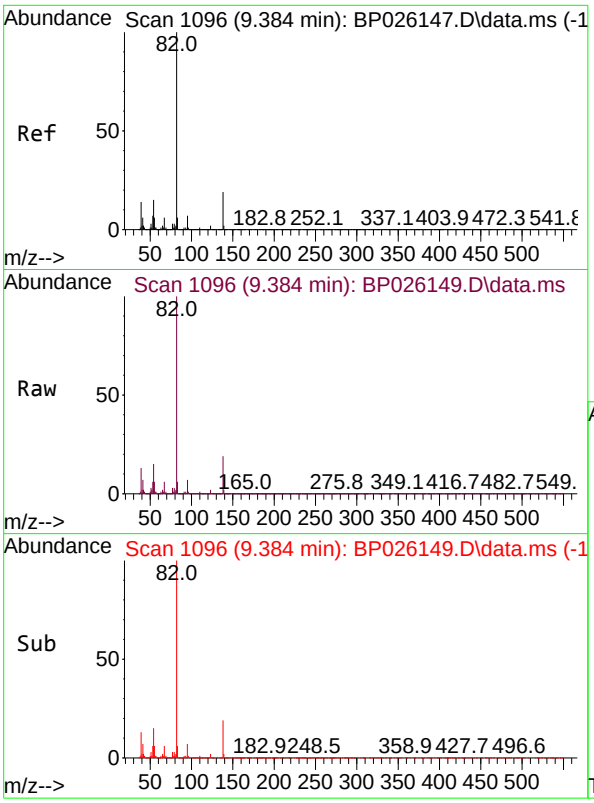


#24
Nitrobenzene
Concen: 60.453 ng
RT: 8.855 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion: 77 Resp: 1394959

Ion	Ratio	Lower	Upper
77	100		
123	49.7	39.8	59.8
65	13.7	11.2	16.8

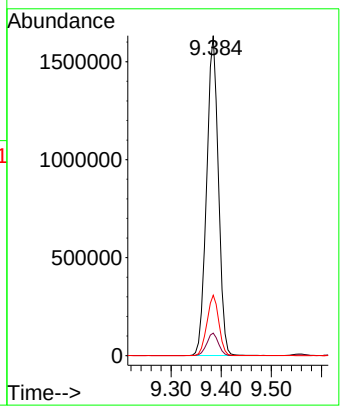




#25
Isophorone
Concen: 58.787 ng
RT: 9.384 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion: 82 Resp: 266127

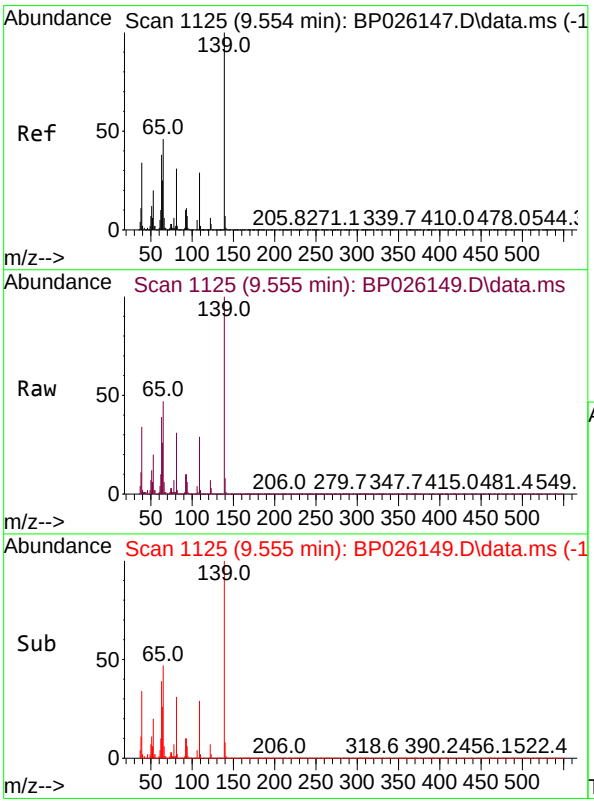
Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.4	8.0
138	18.9	15.4	23.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations
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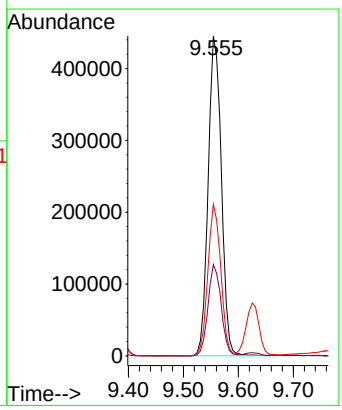
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

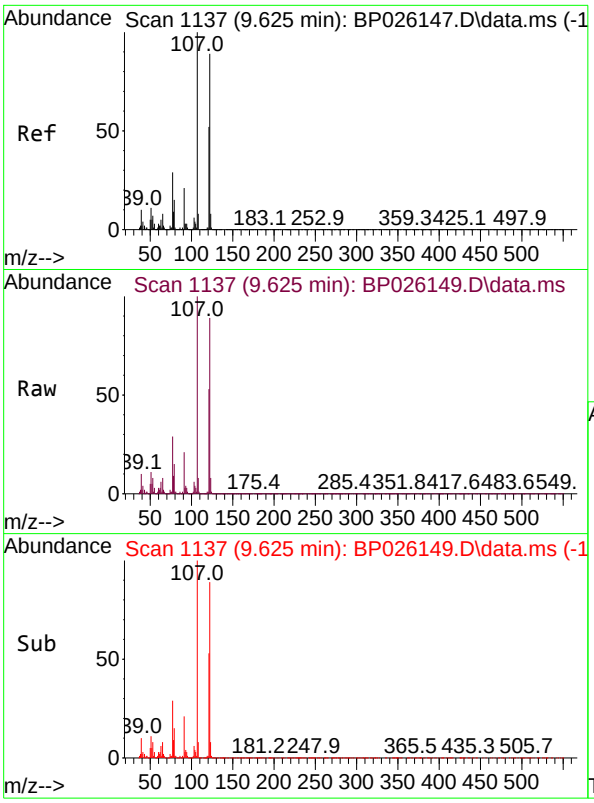


#26
2-Nitrophenol
Concen: 64.005 ng
RT: 9.555 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:139 Resp: 744625

Ion	Ratio	Lower	Upper
139	100		
109	28.5	22.3	33.5
65	47.4	37.2	55.8

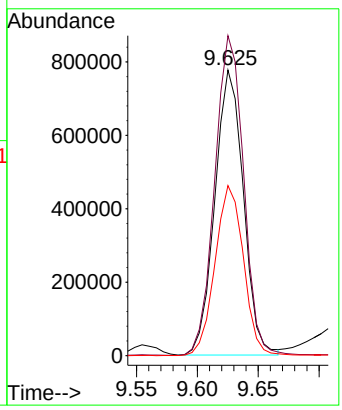




#27
2,4-Dimethylphenol
Concen: 60.144 ng
RT: 9.625 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:122 Resp: 126762

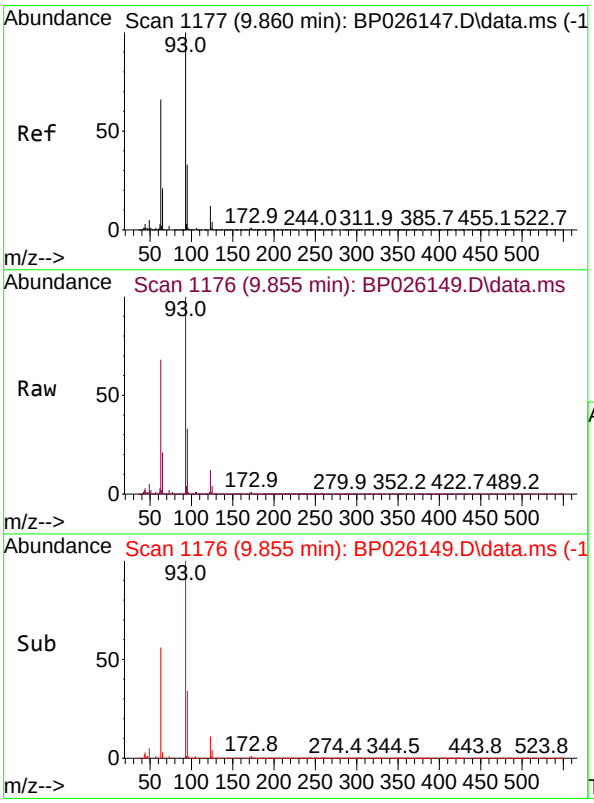
Ion	Ratio	Lower	Upper
122	100		
107	112.1	91.0	136.6
121	59.5	47.0	70.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

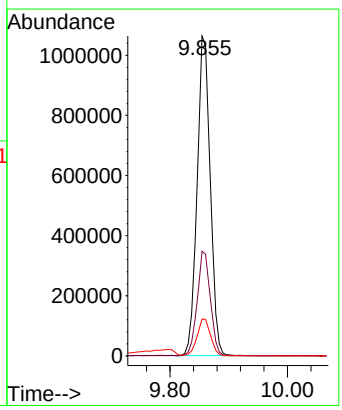
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

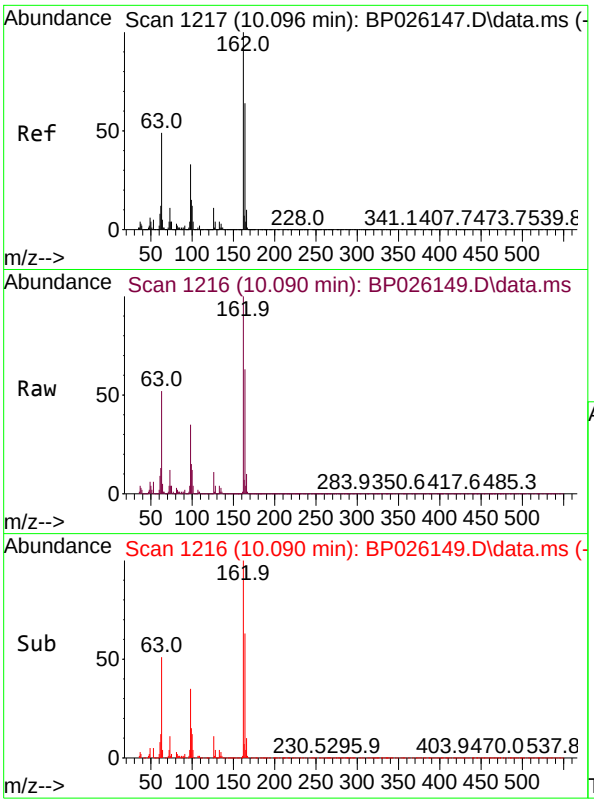


#28
bis(2-Chloroethoxy)methane
Concen: 58.243 ng
RT: 9.855 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion: 93 Resp: 1650883

Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.4	39.6
123	11.5	9.4	14.0

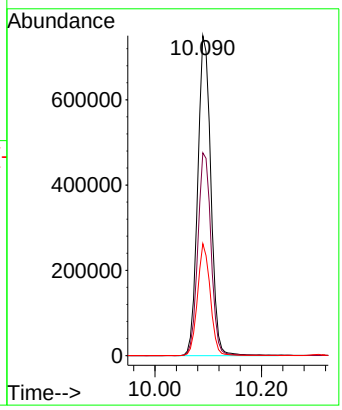




#29
2,4-Dichlorophenol
Concen: 60.911 ng
RT: 10.090 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:162 Resp: 127905

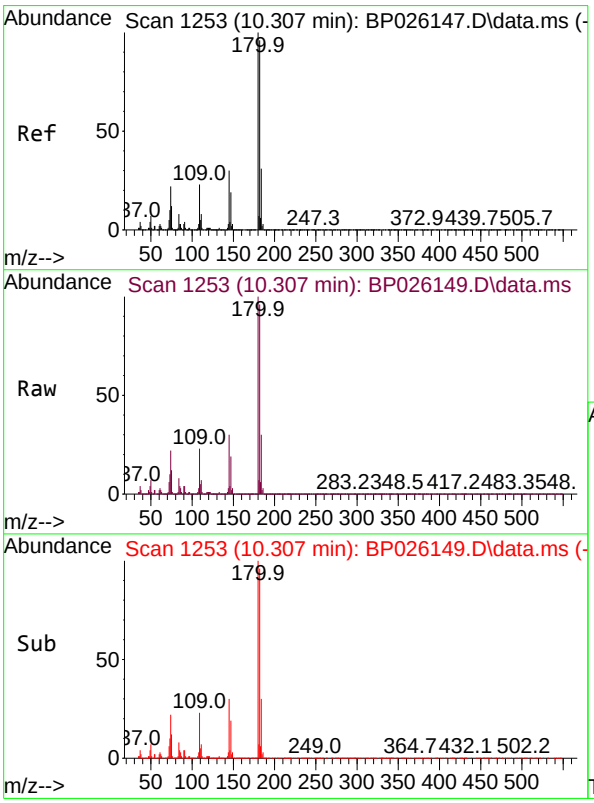
Ion	Ratio	Lower	Upper
162	100		
164	63.4	43.8	83.8
98	35.0	14.1	54.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations
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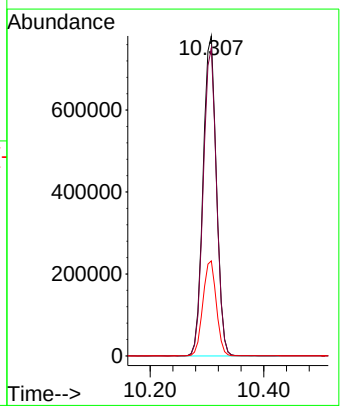
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

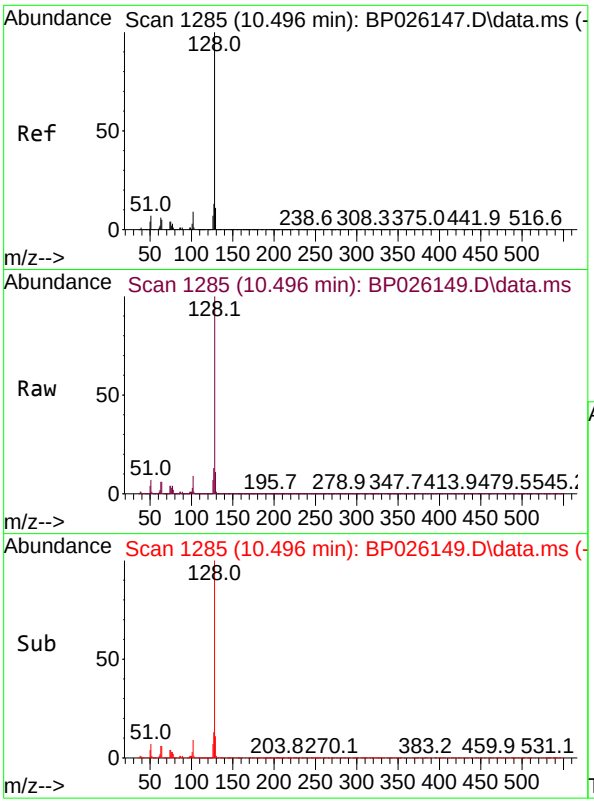


#30
1,2,4-Trichlorobenzene
Concen: 59.435 ng
RT: 10.307 min Scan# 1253
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:180 Resp: 1271878

Ion	Ratio	Lower	Upper
180	100		
182	96.2	78.1	117.1
145	29.7	24.2	36.4

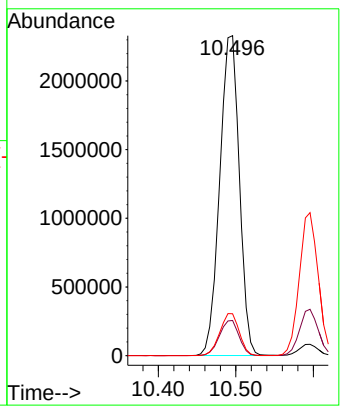




#31
Naphthalene
Concen: 58.487 ng
RT: 10.496 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:128 Resp: 410644

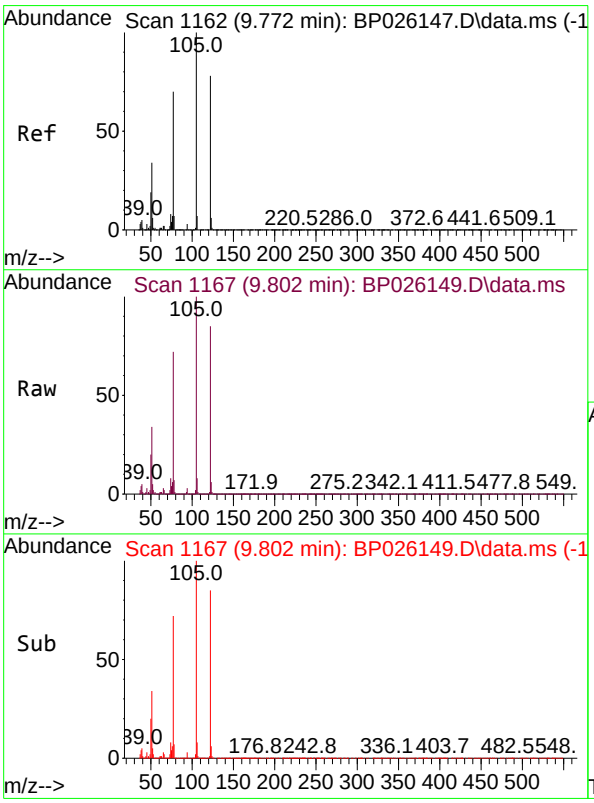
Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	13.1	10.2	15.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations
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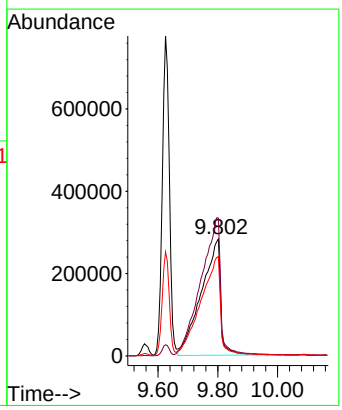
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

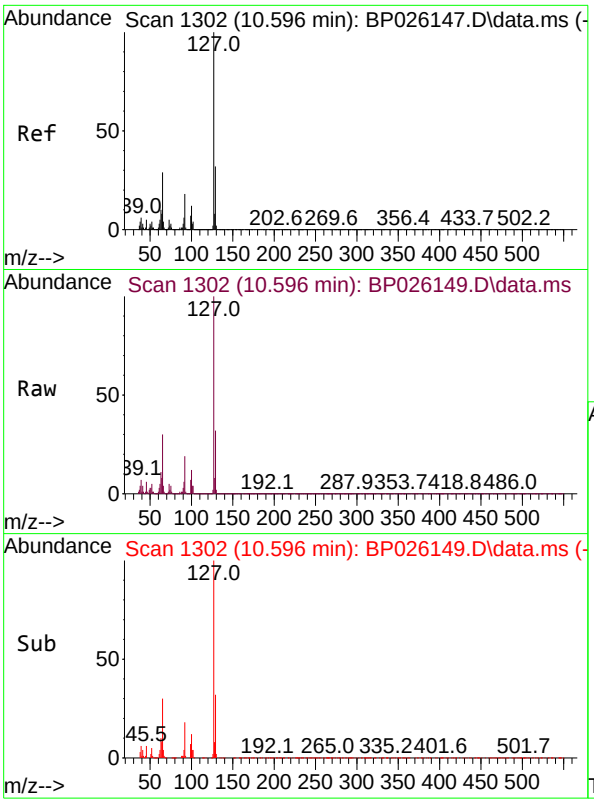


#32
Benzoic acid
Concen: 75.148 ng
RT: 9.802 min Scan# 1167
Delta R.T. 0.036 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:122 Resp: 1274317

Ion	Ratio	Lower	Upper
122	100		
105	118.1	100.1	140.1
77	84.9	66.7	106.7

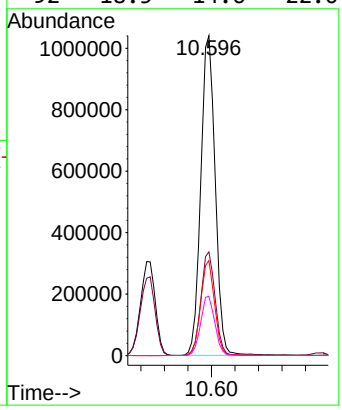




#33
4-Chloroaniline
Concen: 59.551 ng
RT: 10.596 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:127 Resp: 177480

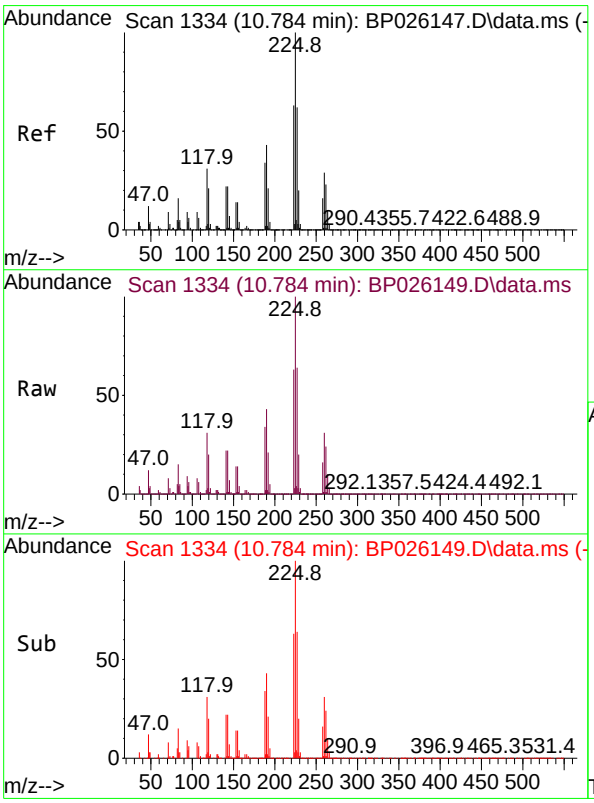
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.8	38.8
65	29.7	22.7	34.1
92	18.5	14.6	22.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations
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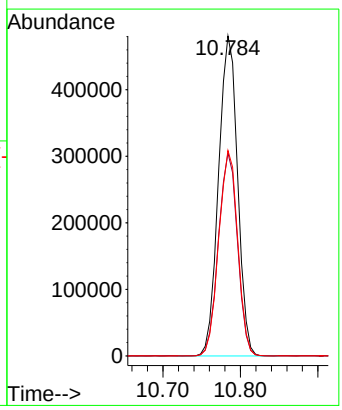
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

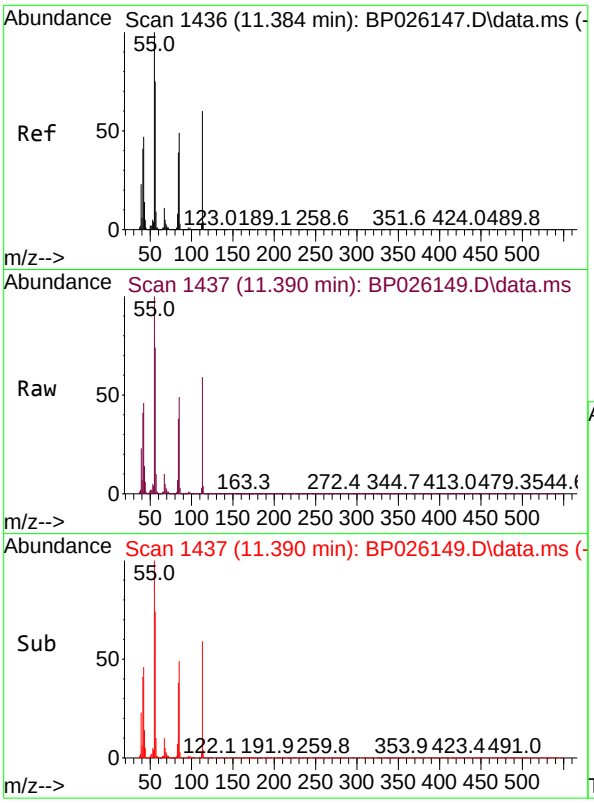


#34
Hexachlorobutadiene
Concen: 58.957 ng
RT: 10.784 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:225 Resp: 820866

Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.6	74.4
227	64.2	51.2	76.8





#35
Caprolactam
Concen: 58.493 ng
RT: 11.390 min Scan# 14
Delta R.T. 0.012 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

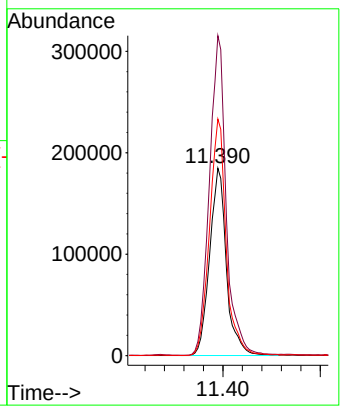
Tgt Ion:113 Resp: 44230

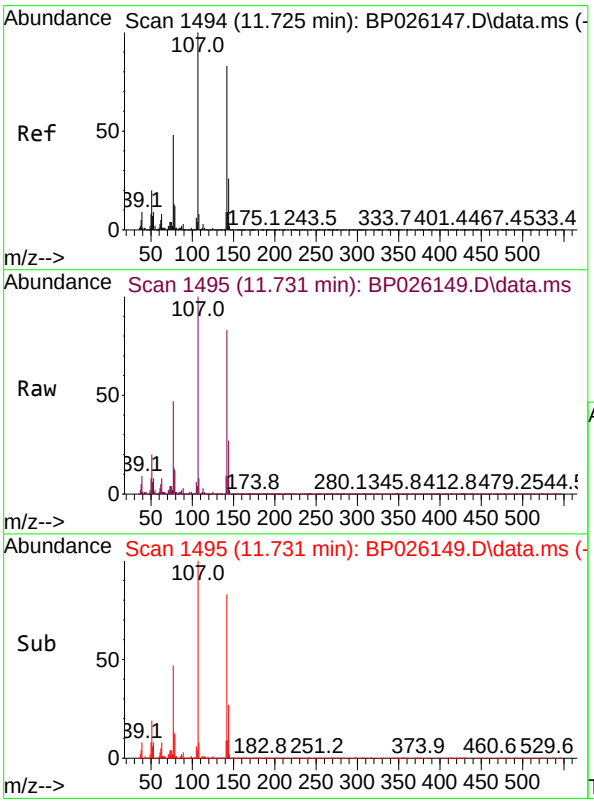
Ion	Ratio	Lower	Upper
113	100		
55	170.8	153.0	193.0
56	126.2	106.4	146.4

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

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Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

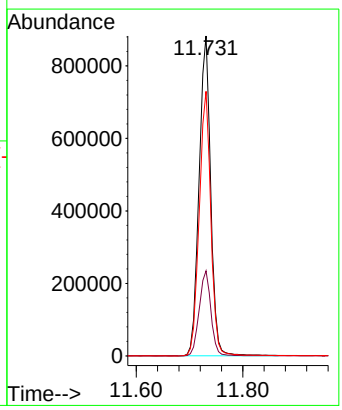


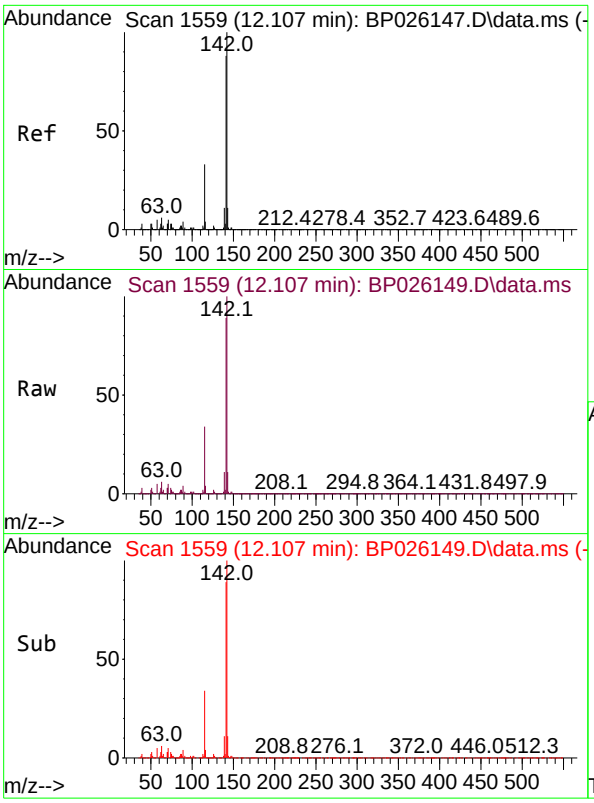


#36
4-Chloro-3-methylphenol
Concen: 59.672 ng
RT: 11.731 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:107 Resp: 1333194

Ion	Ratio	Lower	Upper
107	100		
144	26.6	21.6	32.4
142	82.7	65.6	98.4

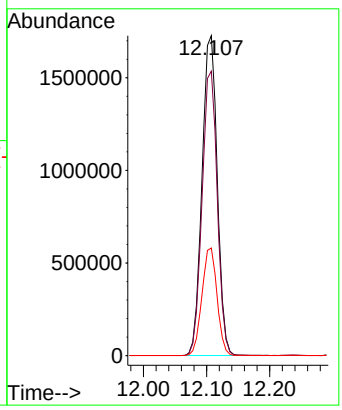




#37
2-Methylnaphthalene
Concen: 58.205 ng
RT: 12.107 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:142 Resp: 289257

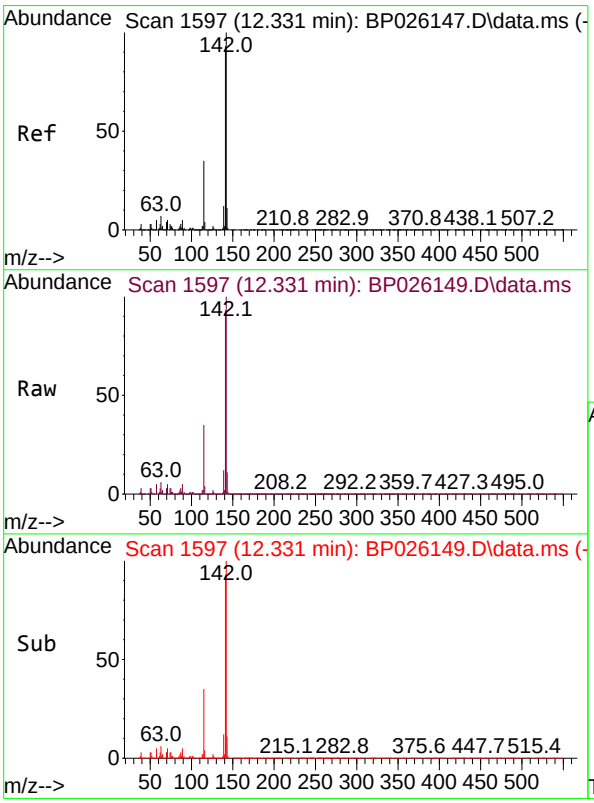
Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.0	106.6
115	33.6	26.6	39.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

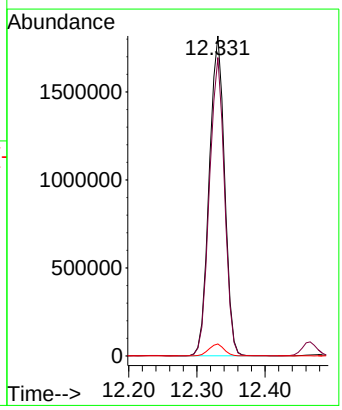
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

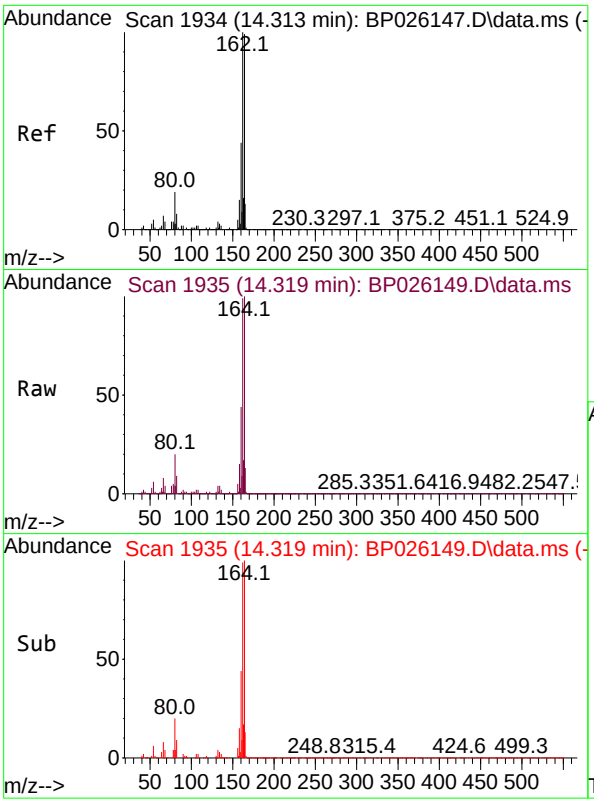


#38
1-Methylnaphthalene
Concen: 58.118 ng
RT: 12.331 min Scan# 1597
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:142 Resp: 2826038

Ion	Ratio	Lower	Upper
142	100		
141	93.2	73.5	110.3
116	3.7	3.0	4.4

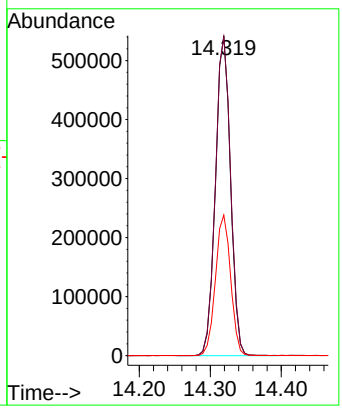




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.319 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:164 Resp: 79680

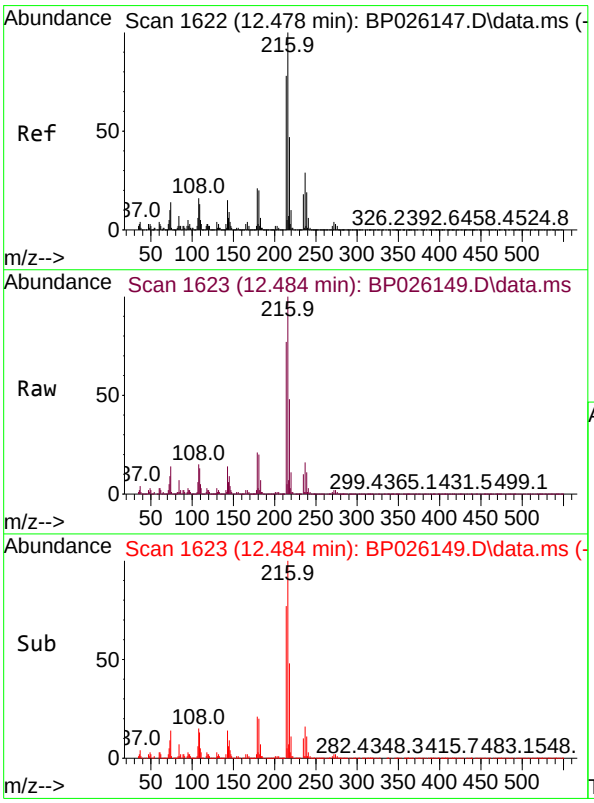
Ion	Ratio	Lower	Upper
164	100		
162	99.5	80.3	120.5
160	43.9	35.2	52.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations
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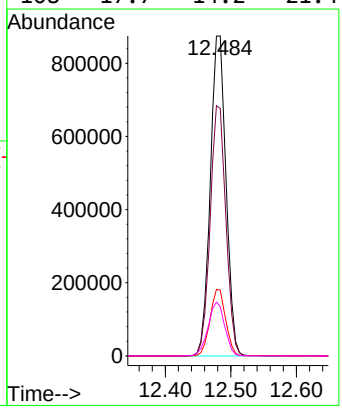
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

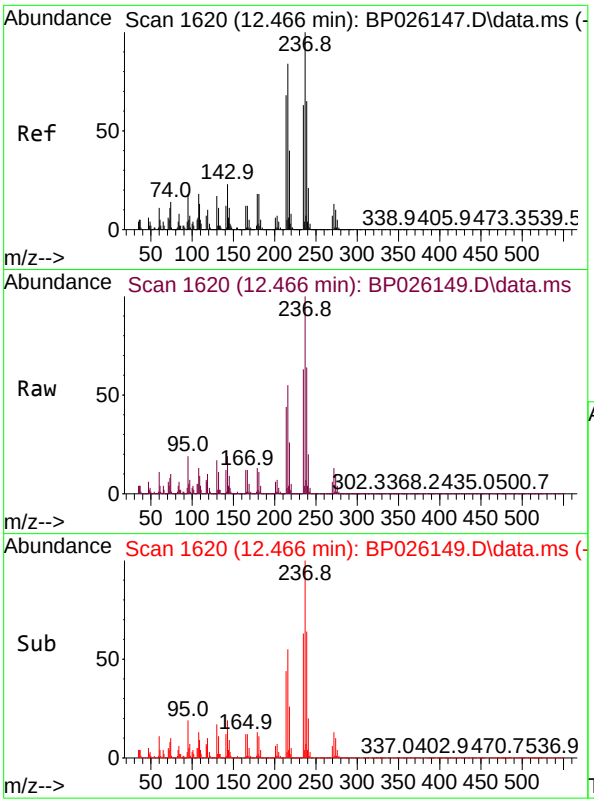


#40
1,2,4,5-Tetrachlorobenzene
Concen: 60.722 ng
RT: 12.484 min Scan# 1623
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:216 Resp: 1458024

Ion	Ratio	Lower	Upper
216	100		
214	78.3	62.6	94.0
179	20.7	16.6	25.0
108	17.7	14.2	21.4

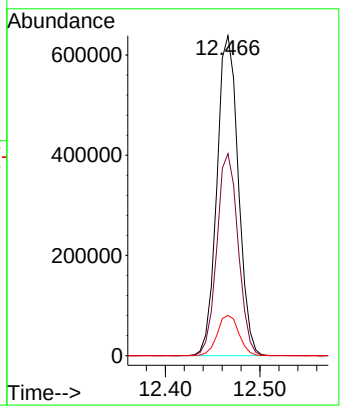




#41
Hexachlorocyclopentadiene
Concen: 63.796 ng
RT: 12.466 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:237 Resp: 99982

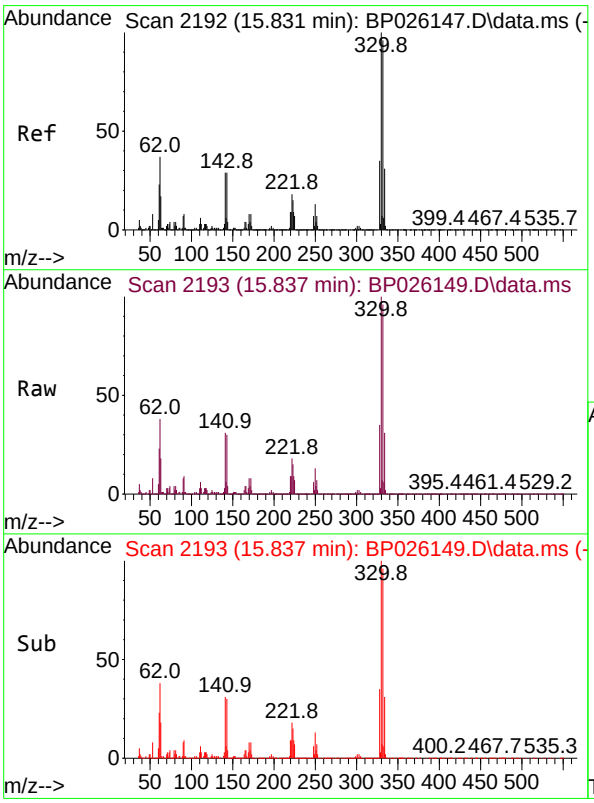
Ion	Ratio	Lower	Upper
237	100		
235	63.1	43.3	83.3
272	12.6	0.0	32.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations
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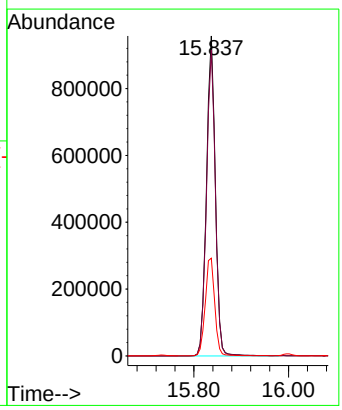
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

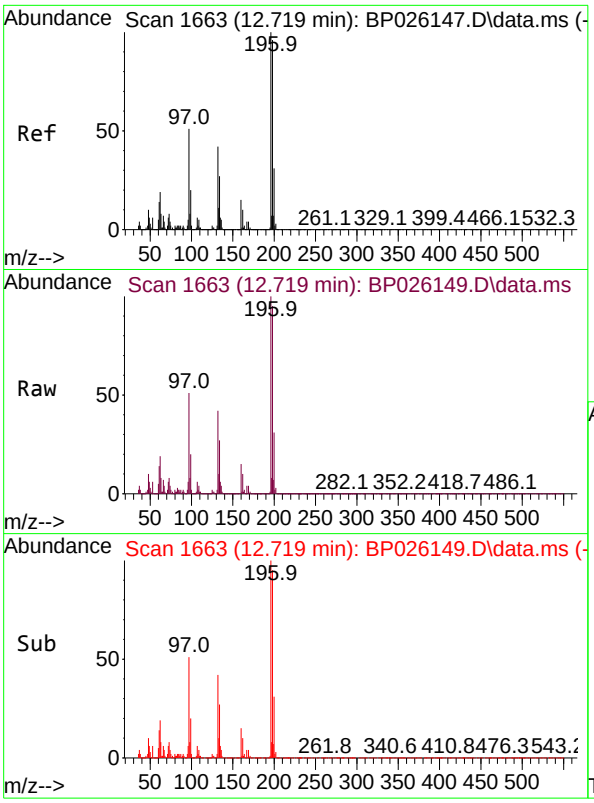


#42
2,4,6-Tribromophenol
Concen: 120.534 ng
RT: 15.837 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:330 Resp: 1244554

Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.0	117.0
141	32.7	26.8	40.2

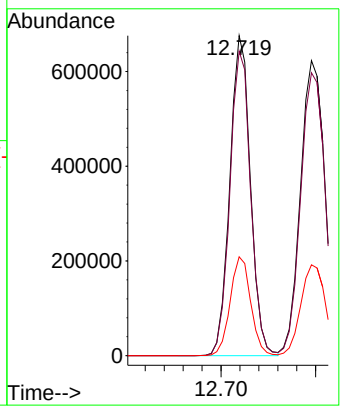




#43
2,4,6-Trichlorophenol
Concen: 61.691 ng
RT: 12.719 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:196 Resp: 101936

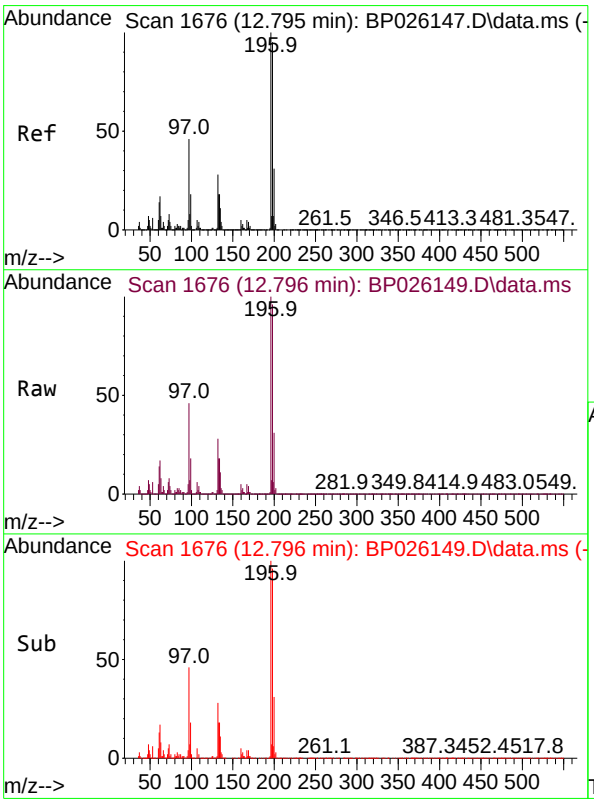
Ion	Ratio	Lower	Upper
196	100		
198	95.1	76.9	115.3
200	30.9	24.6	37.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations
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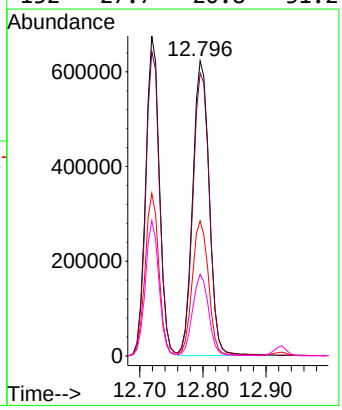
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

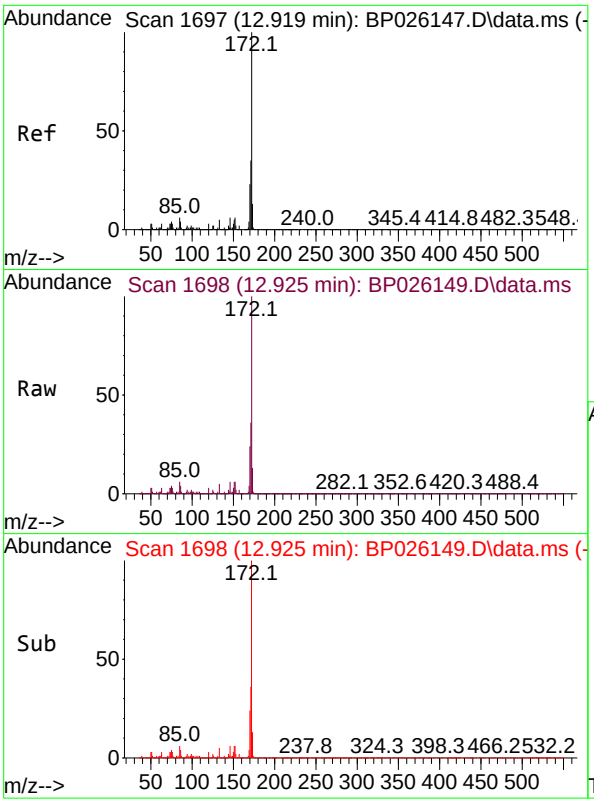


#44
2,4,5-Trichlorophenol
Concen: 61.302 ng
RT: 12.796 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:196 Resp: 1129527

Ion	Ratio	Lower	Upper
196	100		
198	95.9	76.4	114.6
97	45.8	35.7	53.5
132	27.7	20.8	31.2

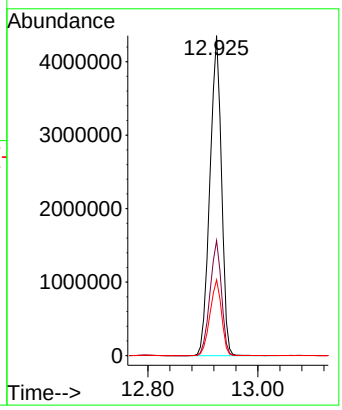




#45
2-Fluorobiphenyl
Concen: 115.965 ng
RT: 12.925 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:172 Resp: 633363

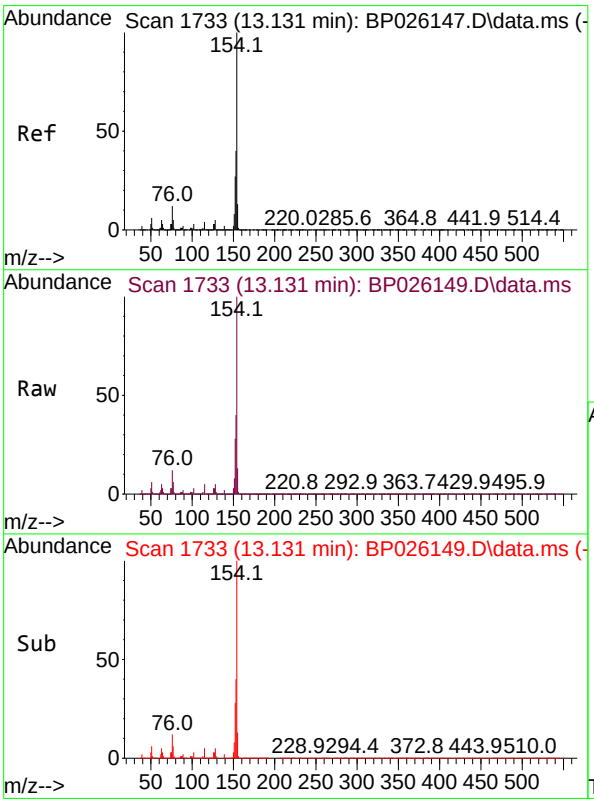
Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.2	42.4
170	23.7	18.7	28.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations
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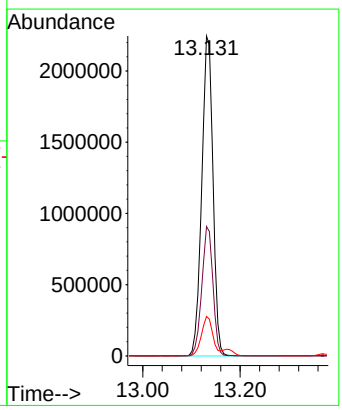
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

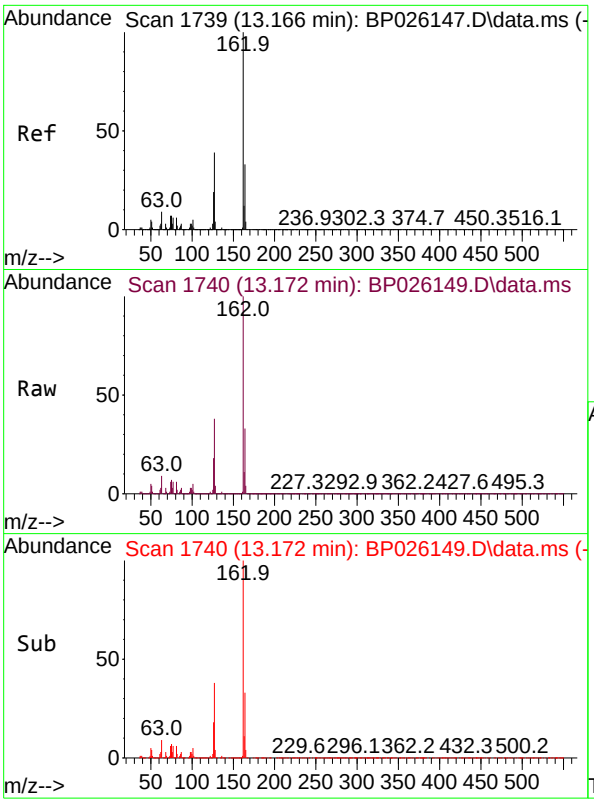


#46
1,1'-Biphenyl
Concen: 60.111 ng
RT: 13.131 min Scan# 1733
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:154 Resp: 3595006

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.3	60.3
76	12.3	0.0	32.3

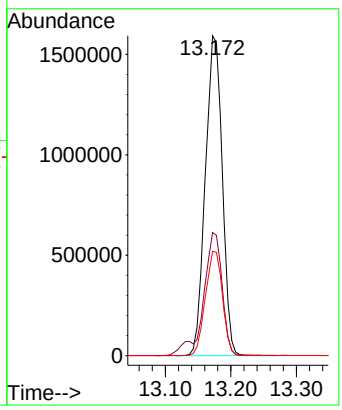




#47
2-Chloronaphthalene
Concen: 60.741 ng
RT: 13.172 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:162 Resp: 285598

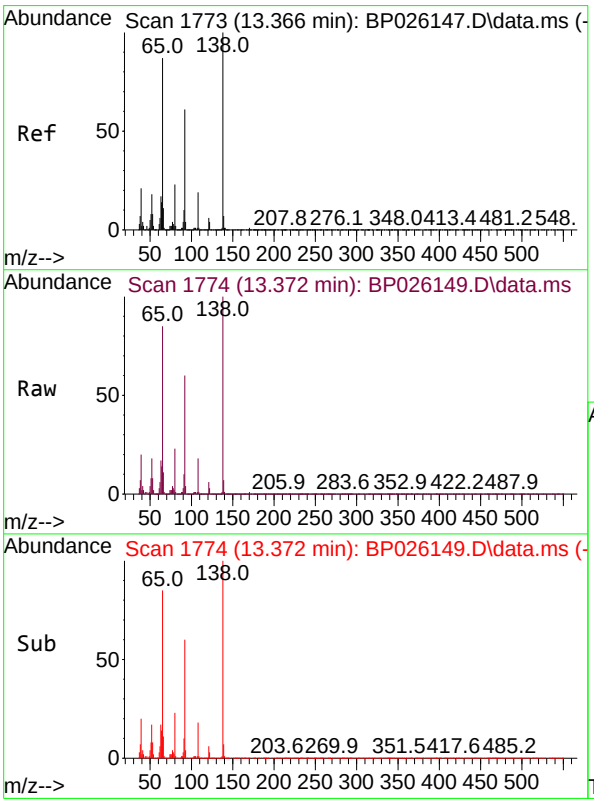
Ion	Ratio	Lower	Upper
162	100		
127	38.5	30.9	46.3
164	32.6	26.4	39.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations
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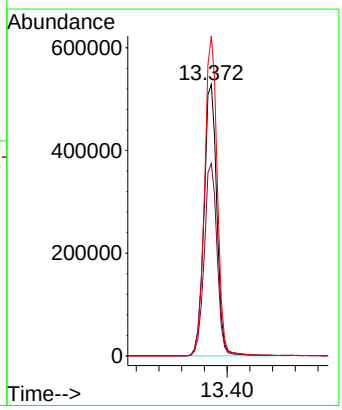
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

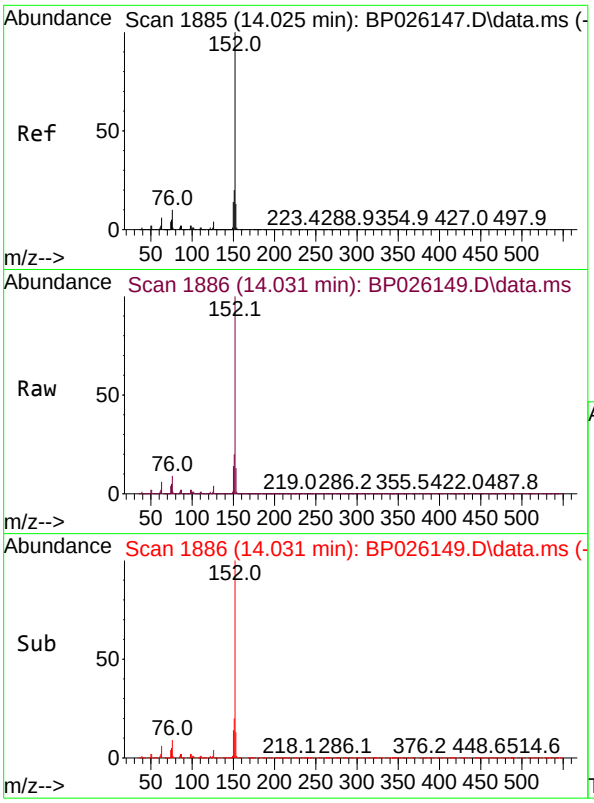


#48
2-Nitroaniline
Concen: 63.445 ng
RT: 13.372 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion: 65 Resp: 833079

Ion	Ratio	Lower	Upper
65	100		
92	70.9	59.1	88.7
138	117.9	96.6	145.0

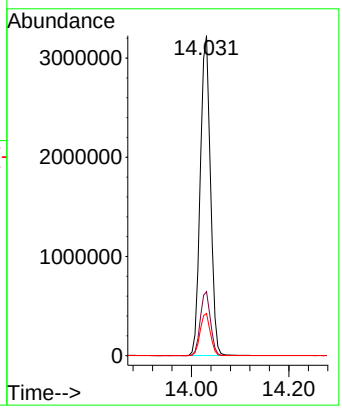




#49
Acenaphthylene
Concen: 59.935 ng
RT: 14.031 min Scan# 18
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:152 Resp: 466262

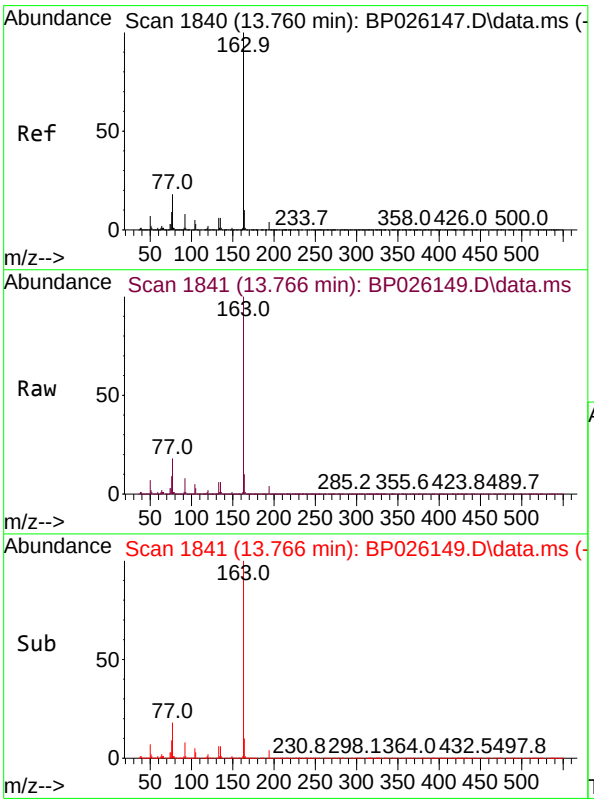
Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.8
153	13.2	10.6	16.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations
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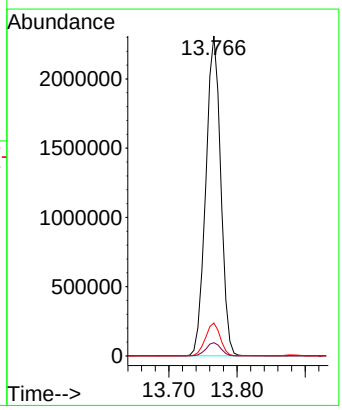
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

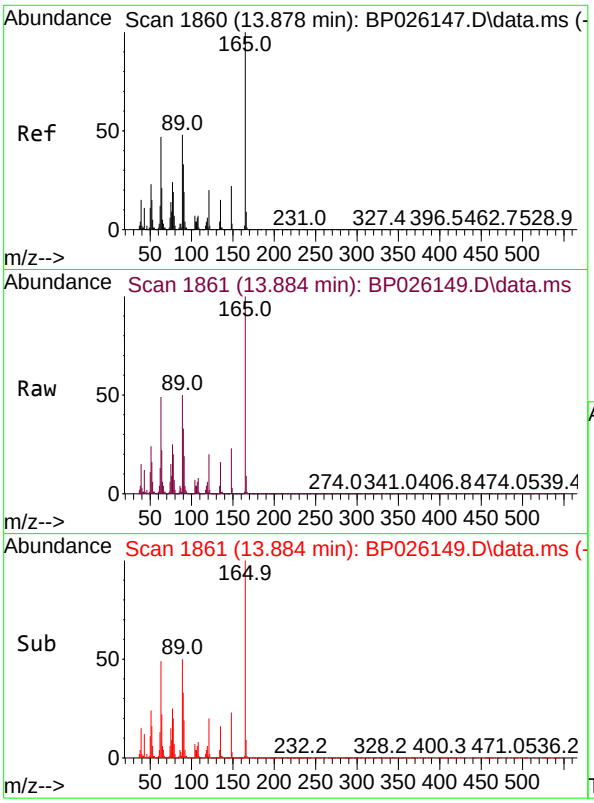


#50
Dimethylphthalate
Concen: 59.198 ng
RT: 13.766 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:163 Resp: 3514882

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.3	8.2	12.2

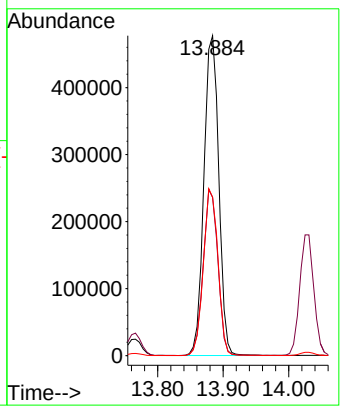




#51
2,6-Dinitrotoluene
Concen: 63.777 ng
RT: 13.884 min Scan# 18
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:165 Resp: 748865

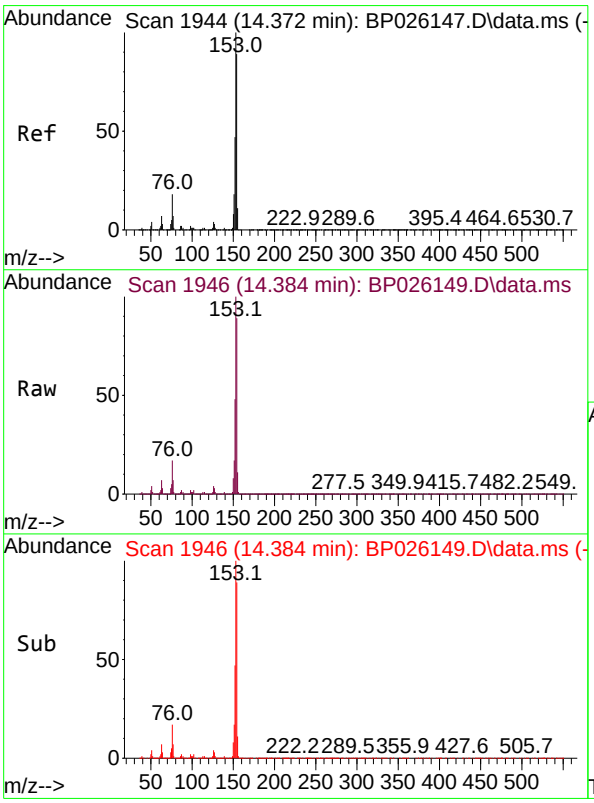
Ion	Ratio	Lower	Upper
165	100		
63	49.4	40.5	60.7
89	49.5	41.3	61.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations
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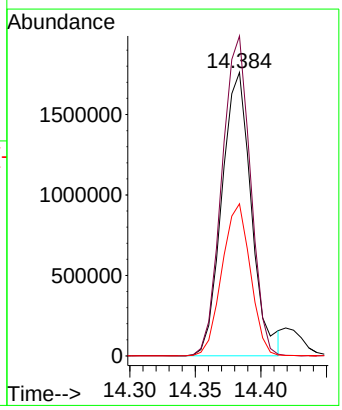
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

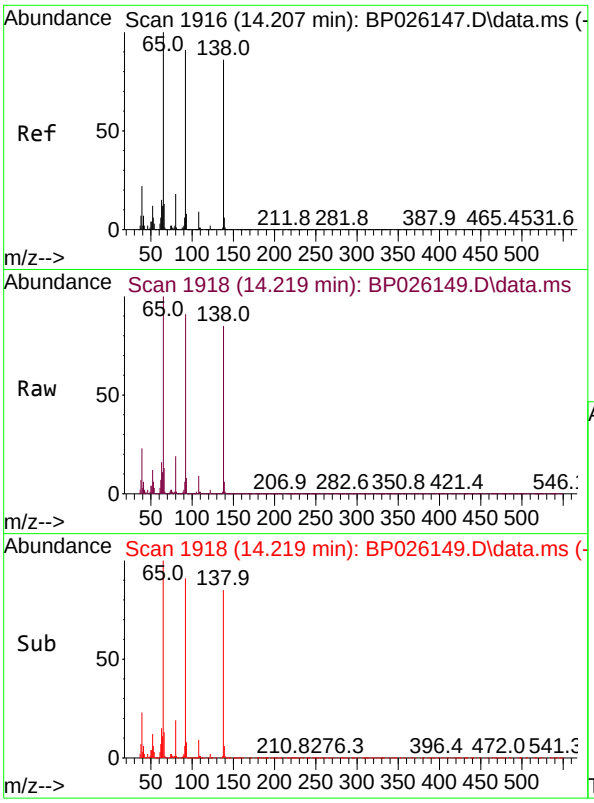


#52
Acenaphthene
Concen: 60.573 ng
RT: 14.384 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:154 Resp: 2756036

Ion	Ratio	Lower	Upper
154	100		
153	112.9	90.7	136.1
152	53.6	42.8	64.2

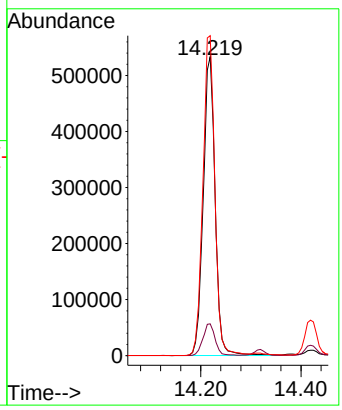




#53
3-Nitroaniline
Concen: 63.349 ng
RT: 14.219 min Scan# 19
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:138 Resp: 87873

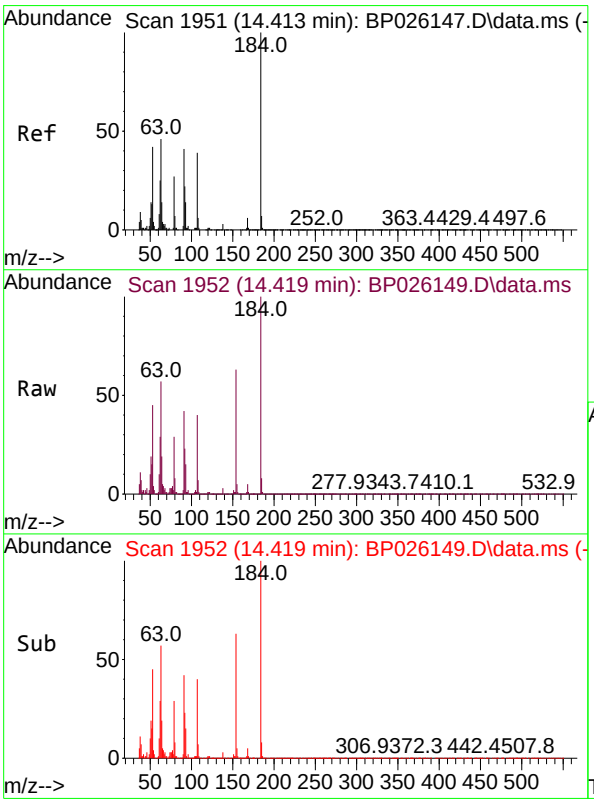
Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.9	13.3
92	107.1	86.3	129.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations
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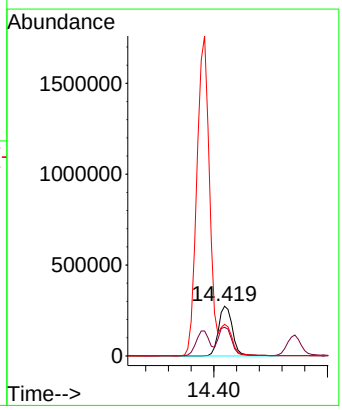
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

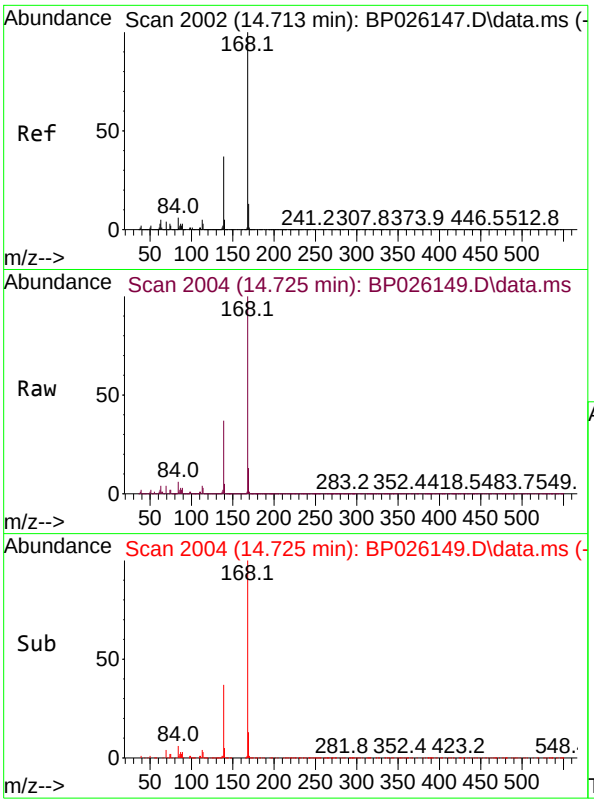


#54
2,4-Dinitrophenol
Concen: 65.711 ng
RT: 14.419 min Scan# 1952
Delta R.T. -0.012 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:184 Resp: 462858

Ion	Ratio	Lower	Upper
184	100		
63	57.5	43.1	64.7
154	63.5	49.5	74.3

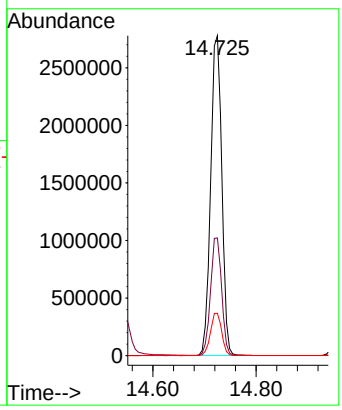




#55
Dibenzofuran
Concen: 58.432 ng
RT: 14.725 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:168 Resp: 415459

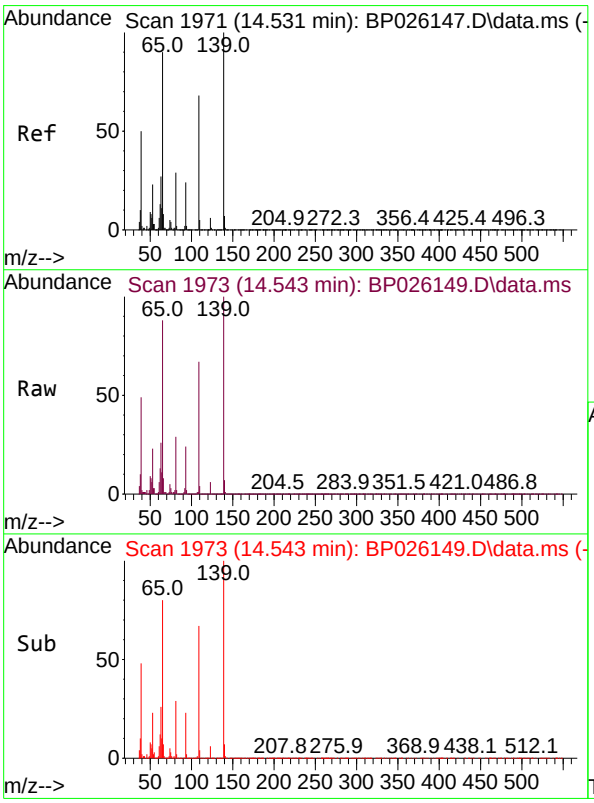
Ion	Ratio	Lower	Upper
168	100		
139	36.8	29.8	44.6
169	13.2	10.9	16.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

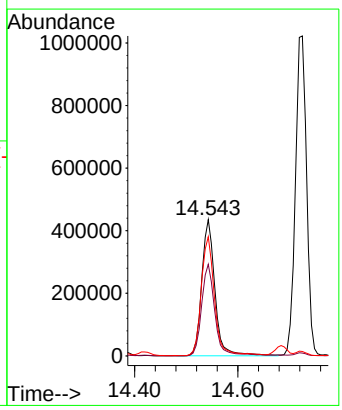
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

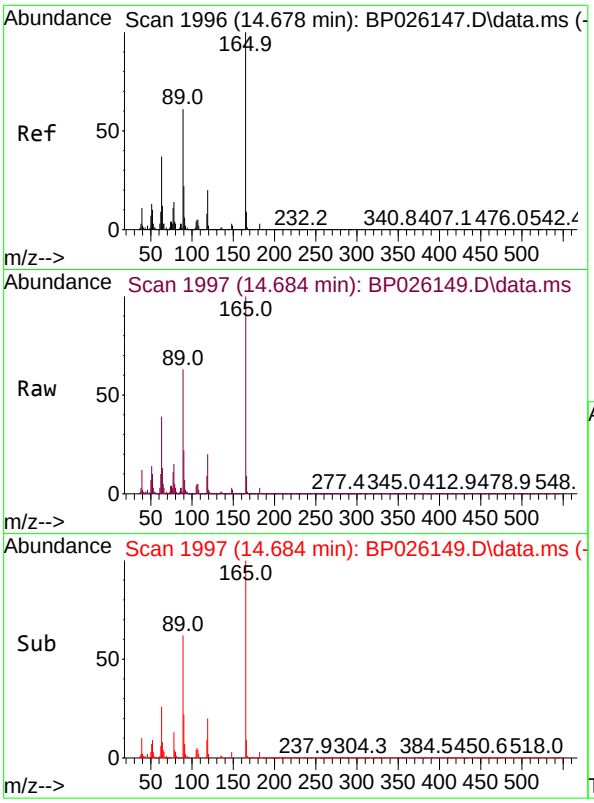


#56
4-Nitrophenol
Concen: 61.570 ng
RT: 14.543 min Scan# 1973
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:139 Resp: 775308

Ion	Ratio	Lower	Upper
139	100		
109	67.2	46.8	86.8
65	87.5	69.3	109.3

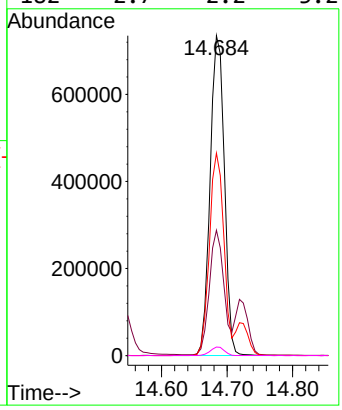




#57
2,4-Dinitrotoluene
Concen: 63.016 ng
RT: 14.684 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:165 Resp: 111235

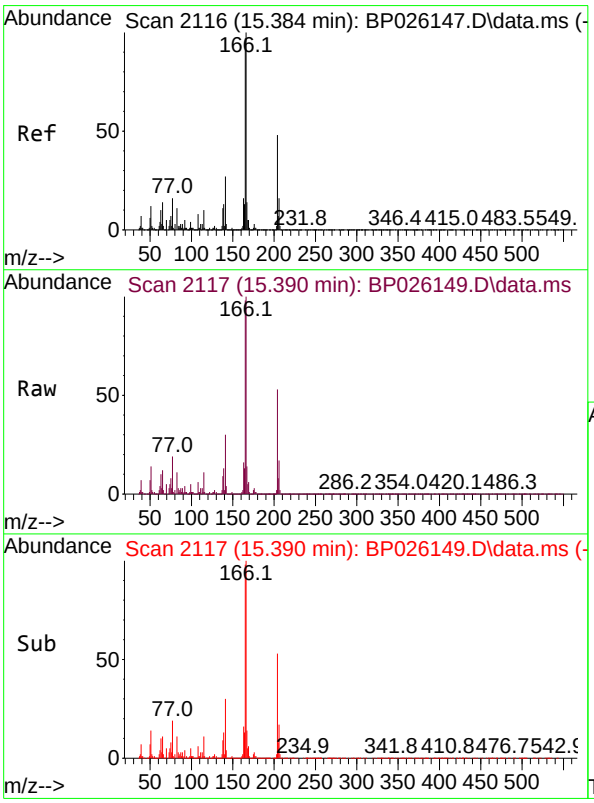
Ion	Ratio	Lower	Upper
165	100		
63	39.2	31.0	46.6
89	63.3	51.7	77.5
182	2.7	2.2	3.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations
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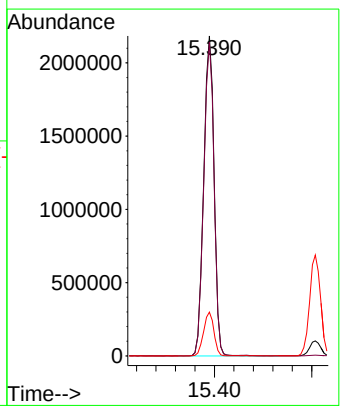
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

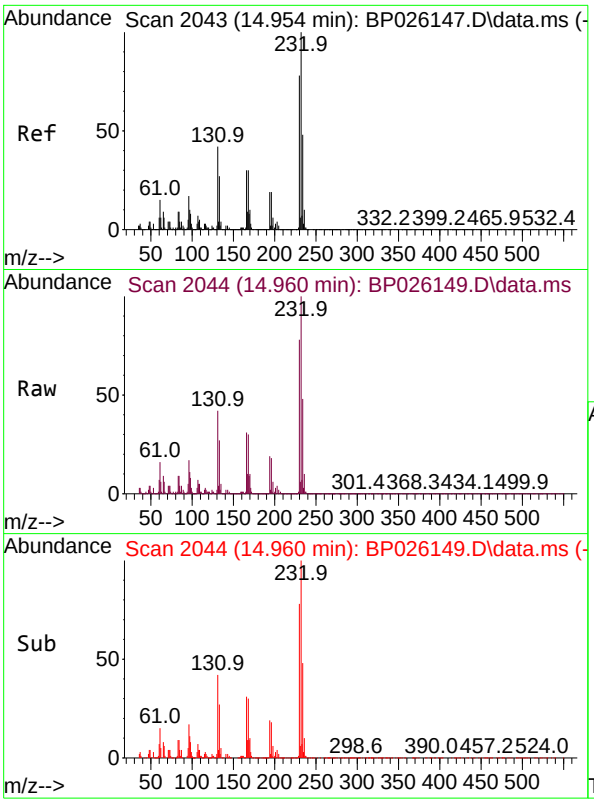


#58
Fluorene
Concen: 57.477 ng
RT: 15.390 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:166 Resp: 3230615

Ion	Ratio	Lower	Upper
166	100		
165	98.1	77.9	116.9
167	13.7	11.0	16.4

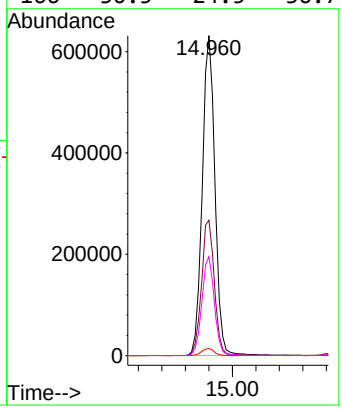




#59
2,3,4,6-Tetrachlorophenol
Concen: 60.606 ng
RT: 14.960 min Scan# 20
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:232 Resp: 94583

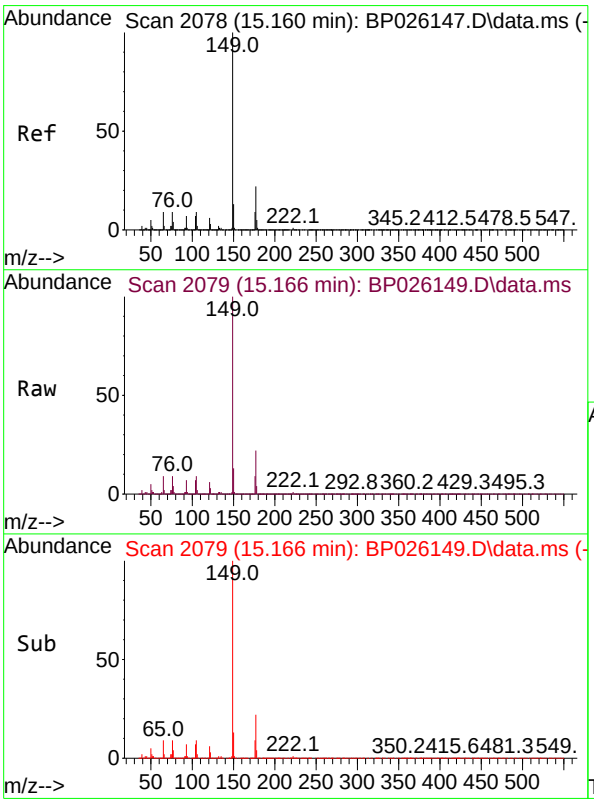
Ion	Ratio	Lower	Upper
232	100		
131	43.1	34.8	52.2
130	2.2	1.8	2.8
166	30.5	24.5	36.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

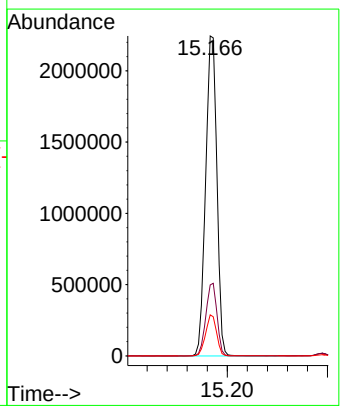
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

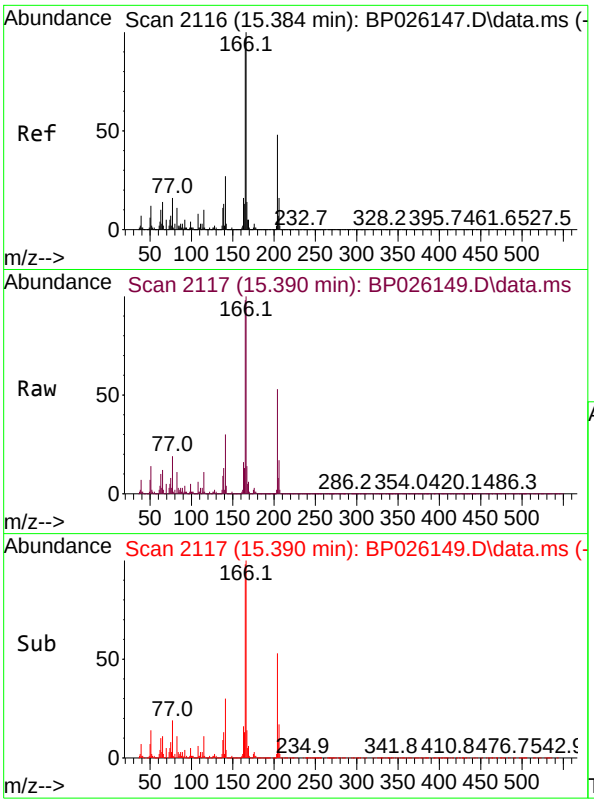


#60
Diethylphthalate
Concen: 58.065 ng
RT: 15.166 min Scan# 2079
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:149 Resp: 3494483

Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.9	26.9
150	12.8	9.9	14.9

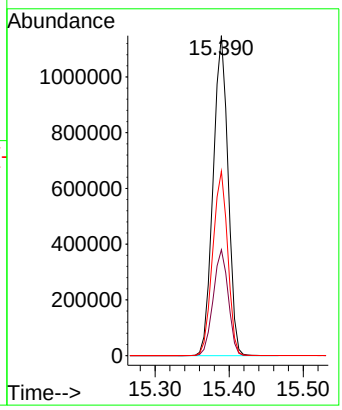




#61
4-Chlorophenyl-phenylether
Concen: 57.693 ng
RT: 15.390 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:204 Resp: 160963

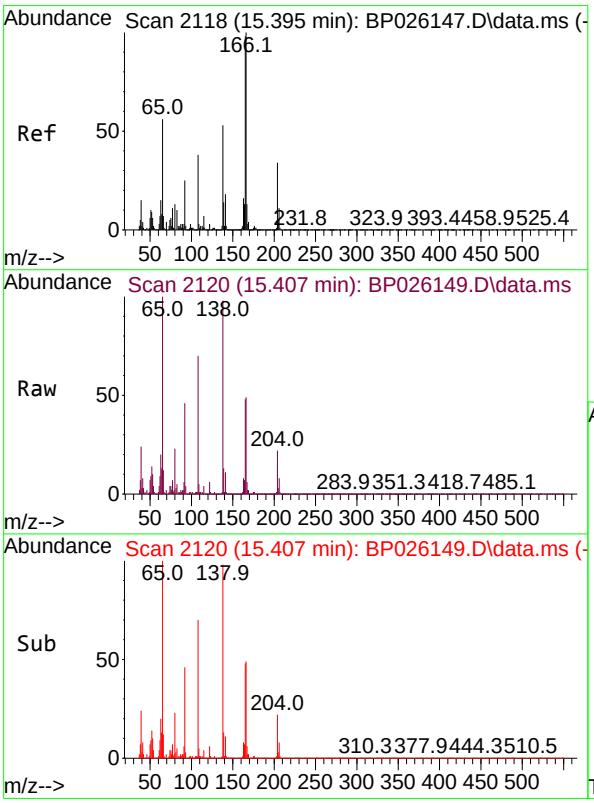
Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.2	39.2
141	57.6	48.1	72.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

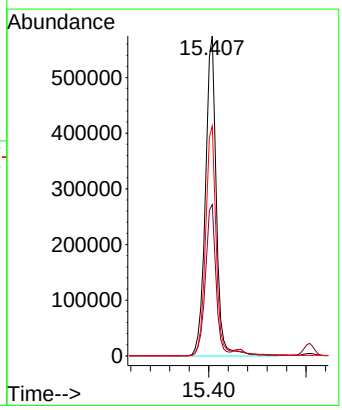
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

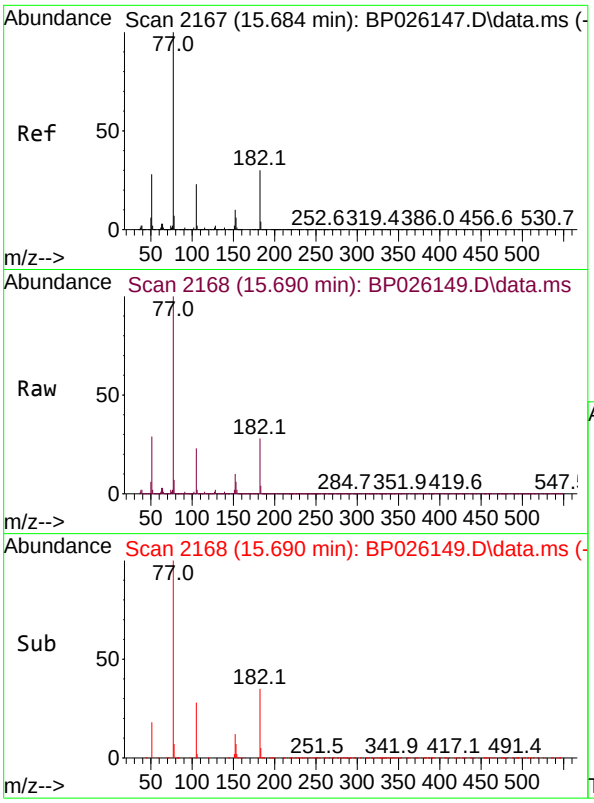


#62
4-Nitroaniline
Concen: 61.908 ng
RT: 15.407 min Scan# 2120
Delta R.T. 0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:138 Resp: 898849

Ion	Ratio	Lower	Upper
138	100		
92	47.3	27.5	67.5
108	71.8	51.1	91.1

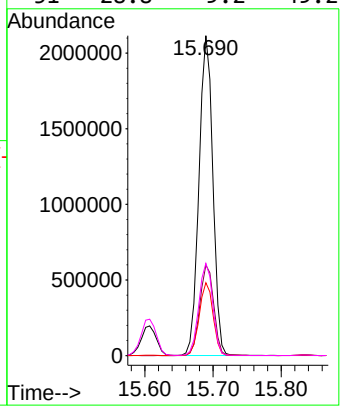




#63
Azobenzene
Concen: 59.189 ng
RT: 15.690 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion: 77 Resp: 299272

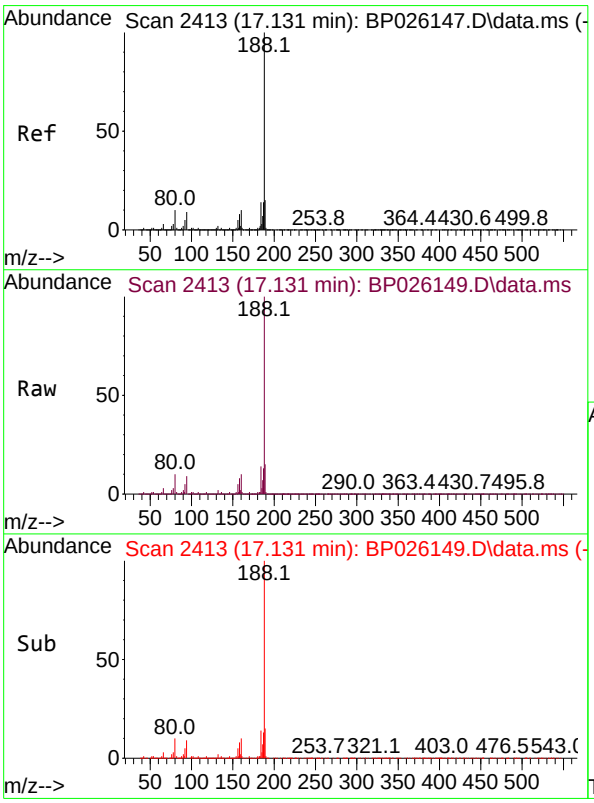
Ion	Ratio	Lower	Upper
77	100		
182	28.3	8.8	48.8
105	22.8	2.6	42.6
51	28.8	9.2	49.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

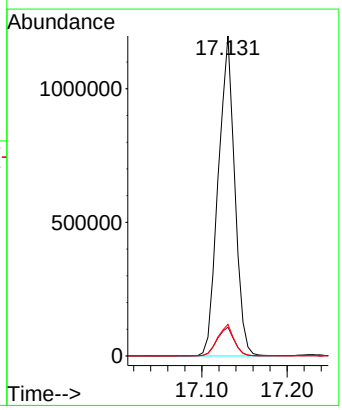
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

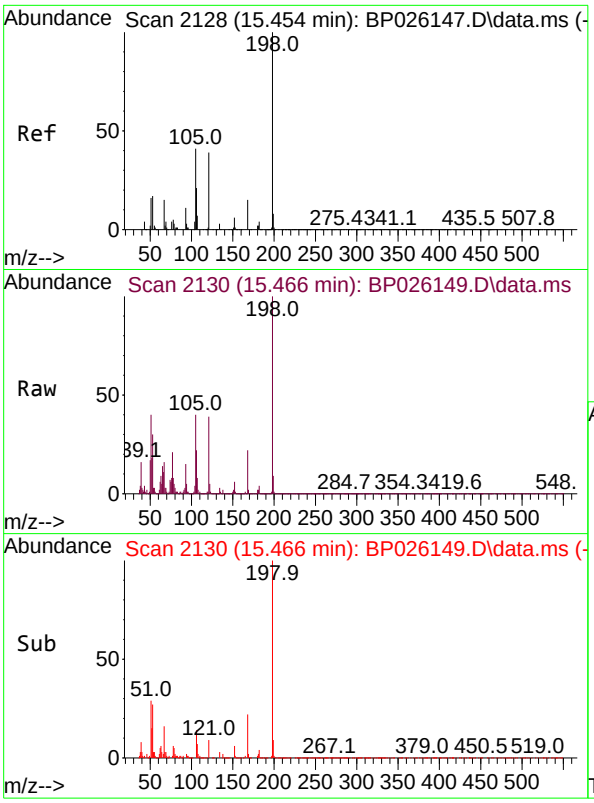


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.131 min Scan# 2413
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:188 Resp: 1609780

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.8	11.6
80	9.9	8.2	12.2

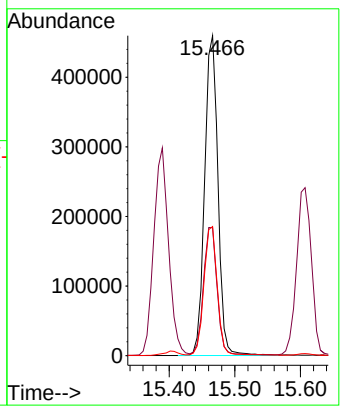




#65
4,6-Dinitro-2-methylphenol
Concen: 63.752 ng
RT: 15.466 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:198 Resp: 64582

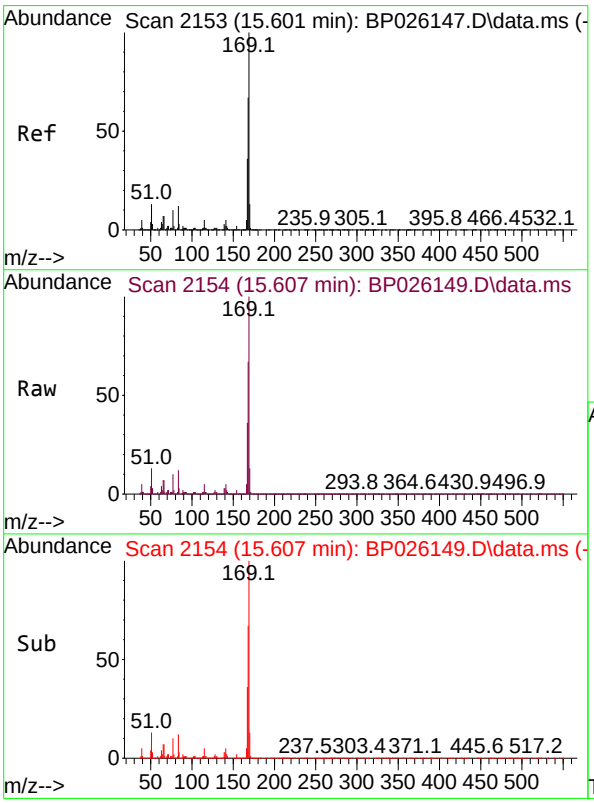
Ion	Ratio	Lower	Upper
198	100		
51	40.0	18.4	58.4
105	40.3	18.5	58.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations
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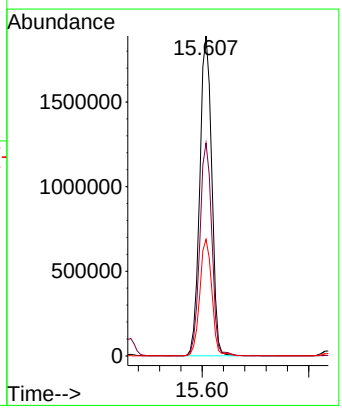
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

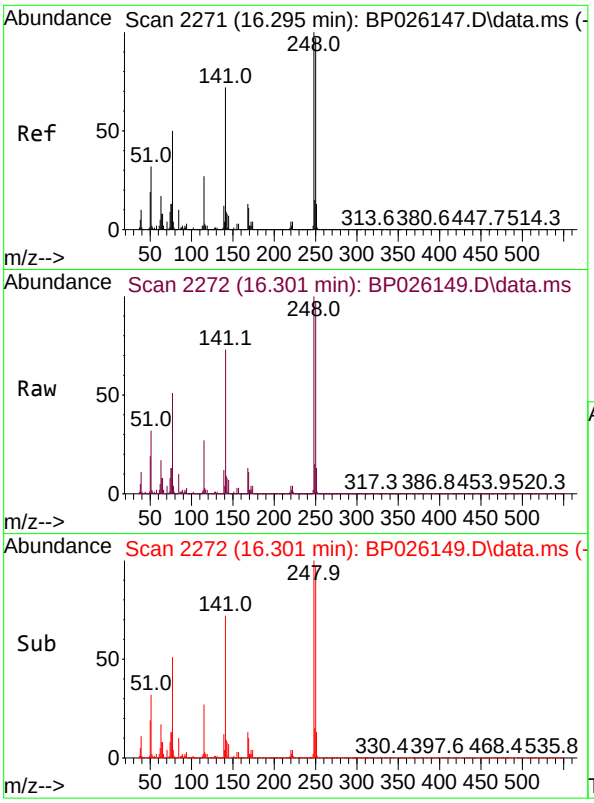


#66
n-Nitrosodiphenylamine
Concen: 59.025 ng
RT: 15.607 min Scan# 2154
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:169 Resp: 2939838

Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.1	79.7
167	36.4	28.9	43.3

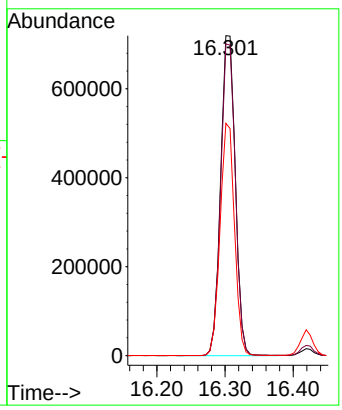




#67
4-Bromophenyl-phenylether
Concen: 59.865 ng
RT: 16.301 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:248 Resp: 106499

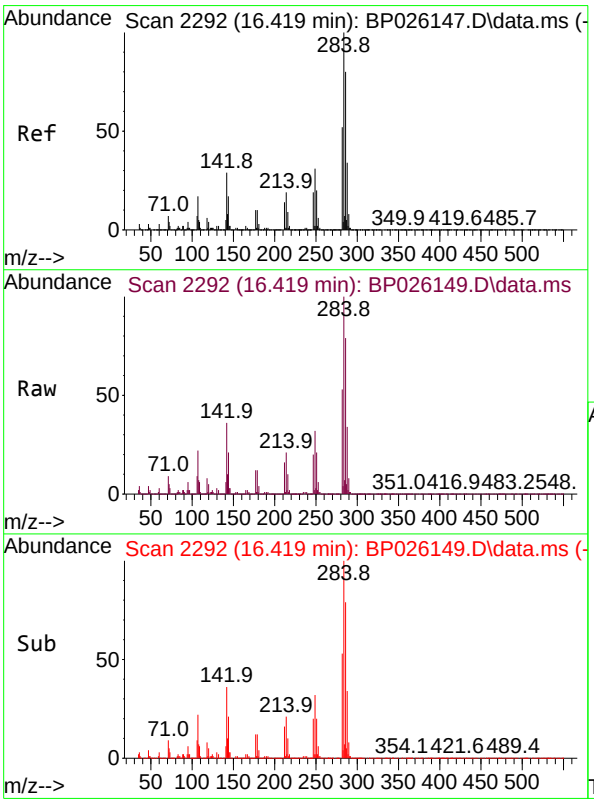
Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.8	116.6
141	72.6	55.4	83.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

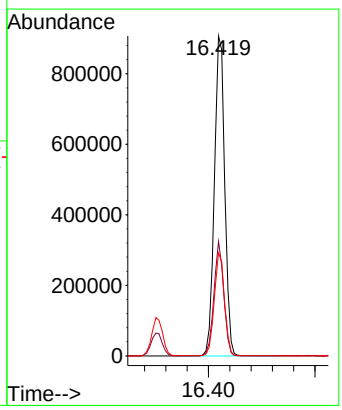
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

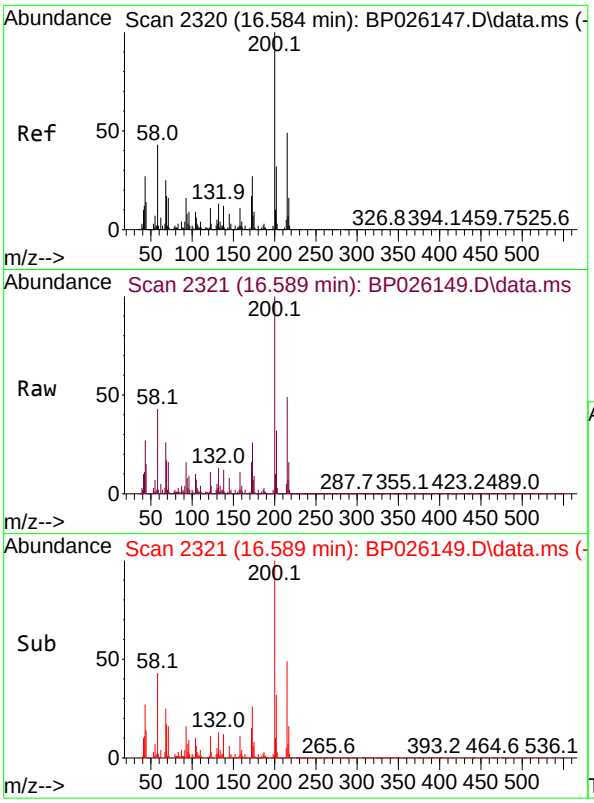


#68
Hexachlorobenzene
Concen: 59.631 ng
RT: 16.419 min Scan# 2292
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:284 Resp: 1225655

Ion	Ratio	Lower	Upper
284	100		
142	35.8	28.0	42.0
249	32.2	25.0	37.4

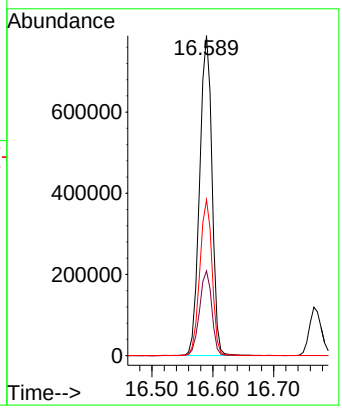




#69
Atrazine
Concen: 59.021 ng
RT: 16.589 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:200 Resp: 110697

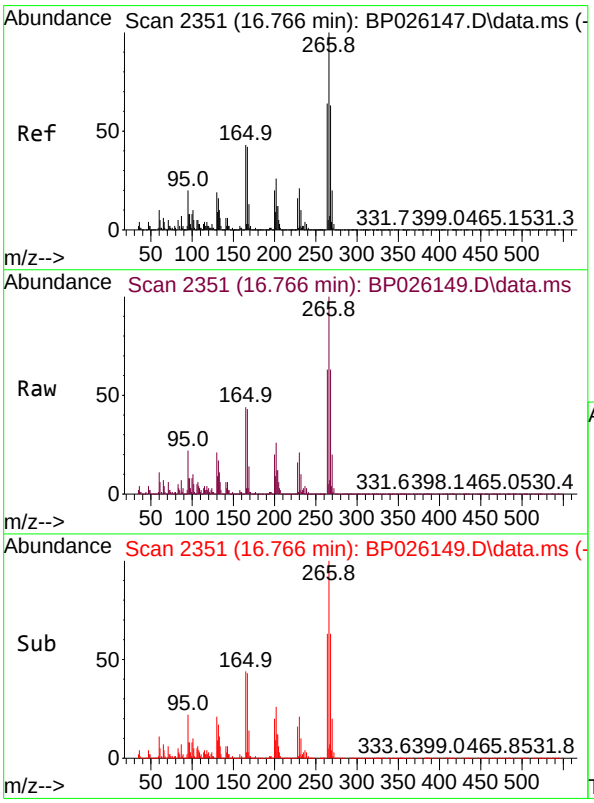
Ion	Ratio	Lower	Upper
200	100		
173	26.5	6.7	46.7
215	48.7	27.4	67.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

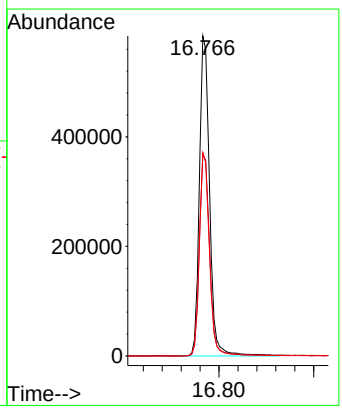
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

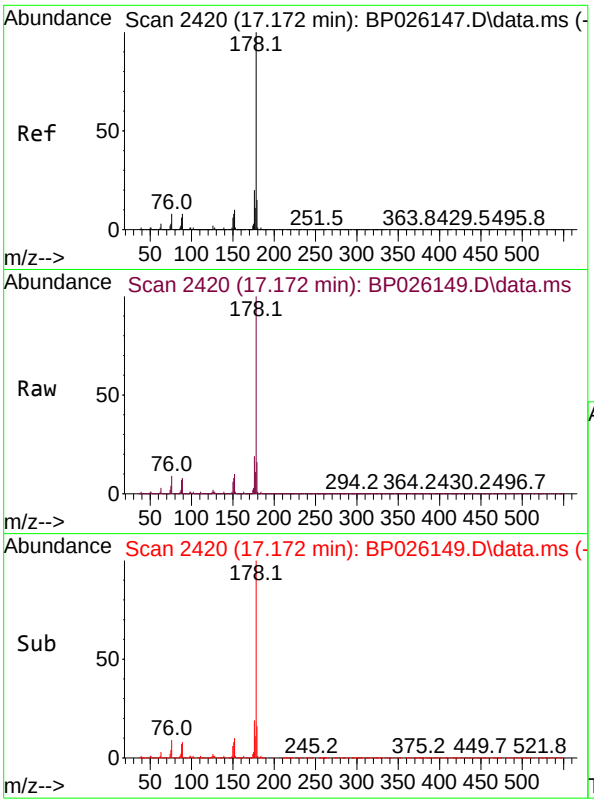


#70
Pentachlorophenol
Concen: 60.353 ng
RT: 16.766 min Scan# 2351
Delta R.T. -0.012 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:266 Resp: 870320

Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.0	76.4
264	63.5	50.2	75.2

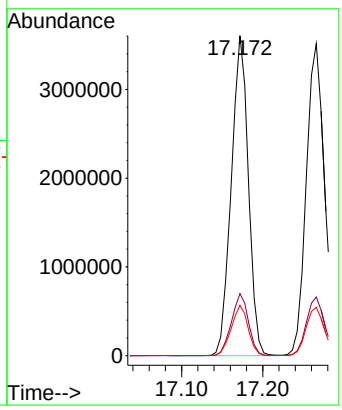




#71
Phenanthrene
Concen: 57.751 ng
RT: 17.172 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:178 Resp: 525950

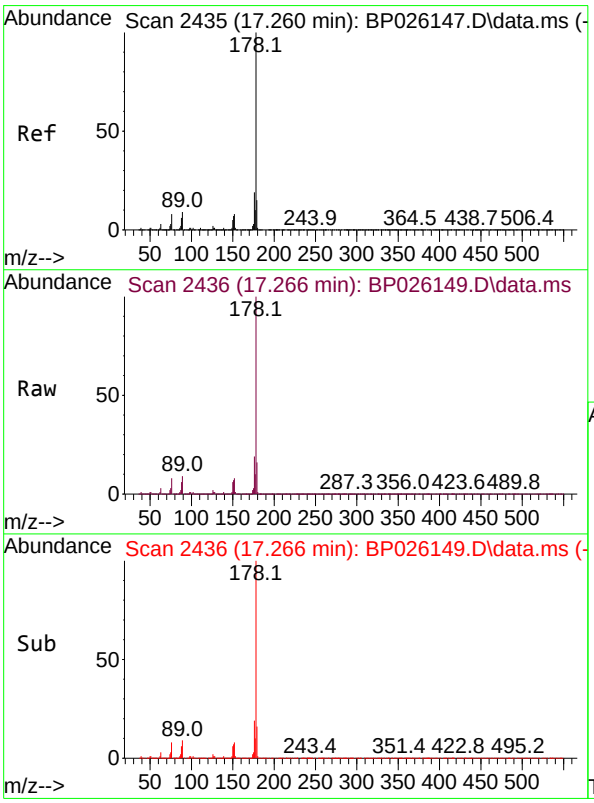
Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.7	12.4	18.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

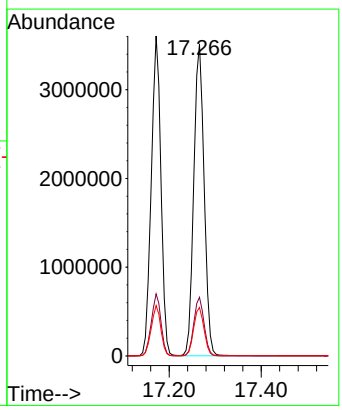
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

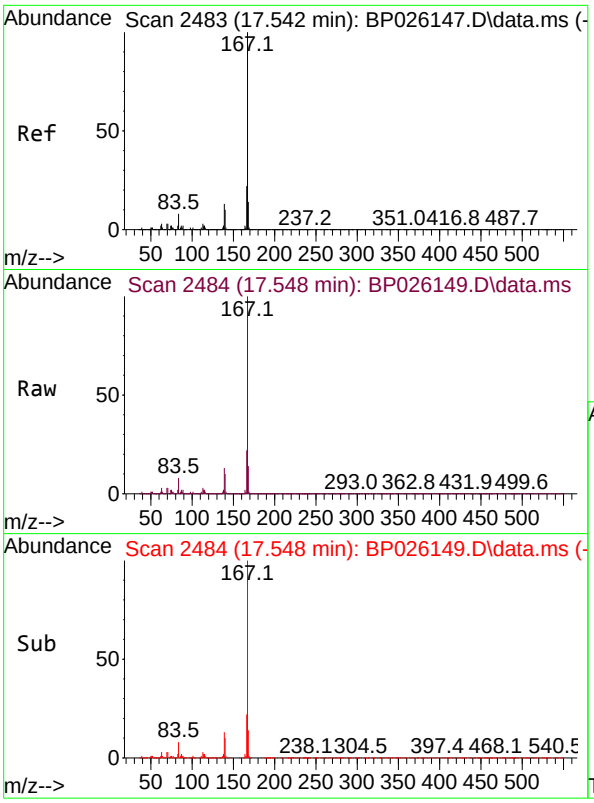


#72
Anthracene
Concen: 58.894 ng
RT: 17.266 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:178 Resp: 5478029

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.8	22.2
179	15.5	12.2	18.4

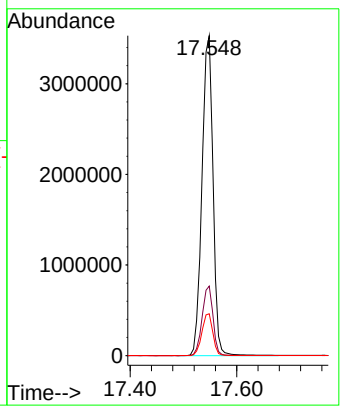




#73
Carbazole
Concen: 57.610 ng
RT: 17.548 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:167 Resp: 506947

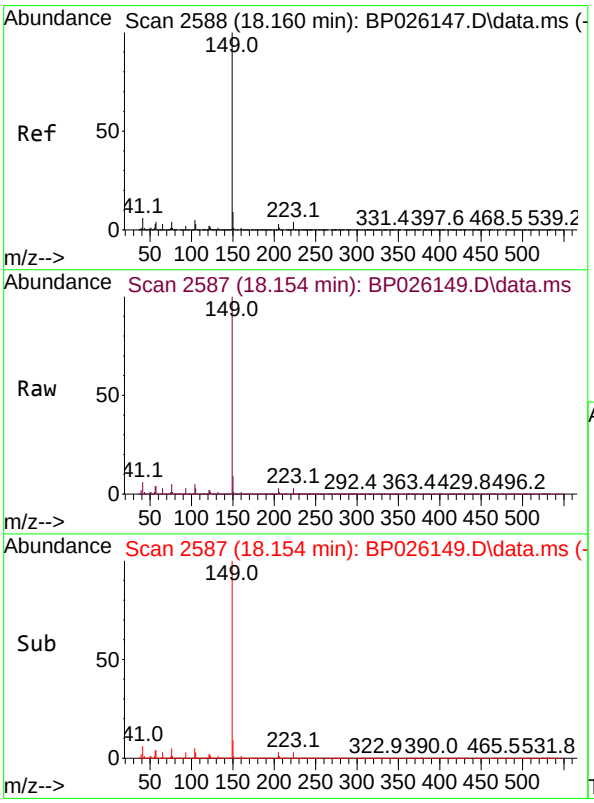
Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.1	25.7
139	13.1	10.2	15.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

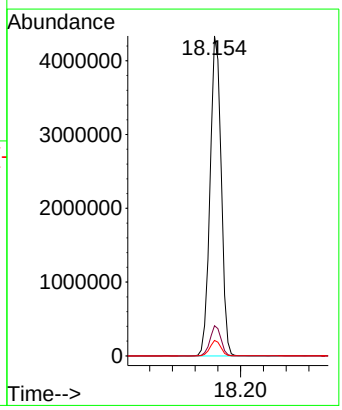
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

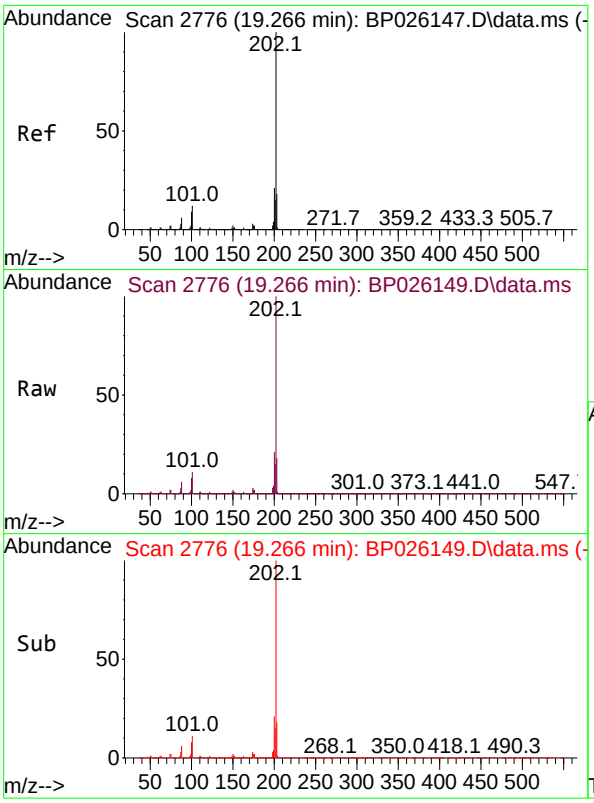


#74
Di-n-butylphthalate
Concen: 56.562 ng
RT: 18.154 min Scan# 2587
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:149 Resp: 5907343

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	4.8	3.6	5.4

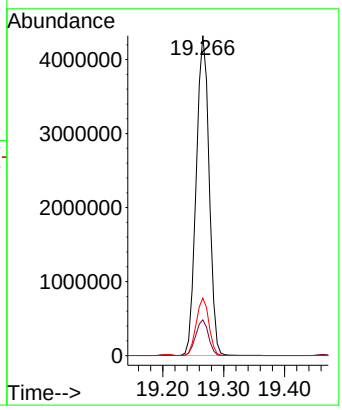




#75
Fluoranthene
Concen: 57.206 ng
RT: 19.266 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:202 Resp: 636761

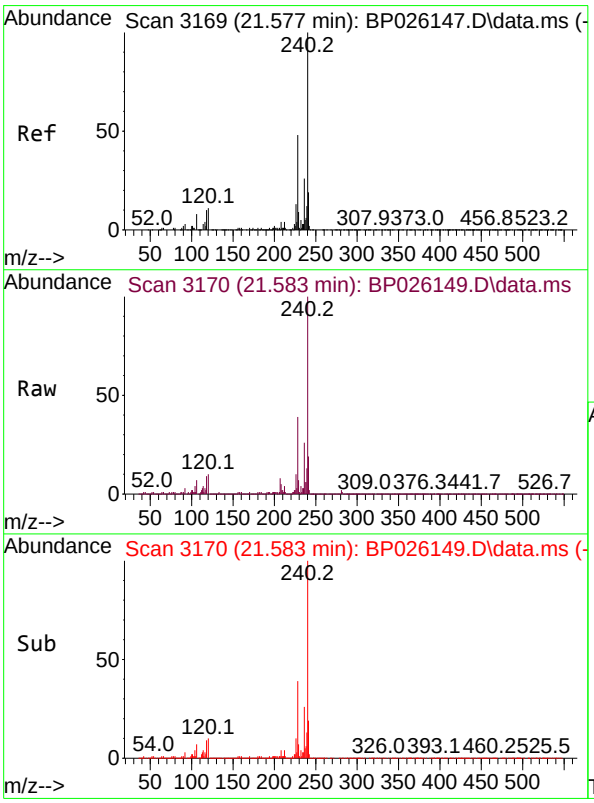
Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	31.2
203	18.0	0.0	37.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

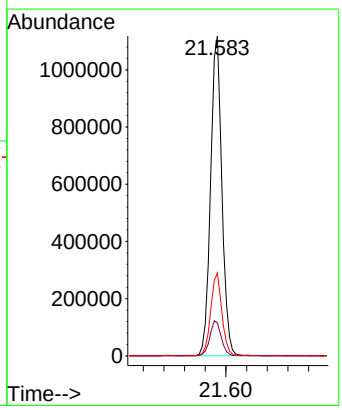
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

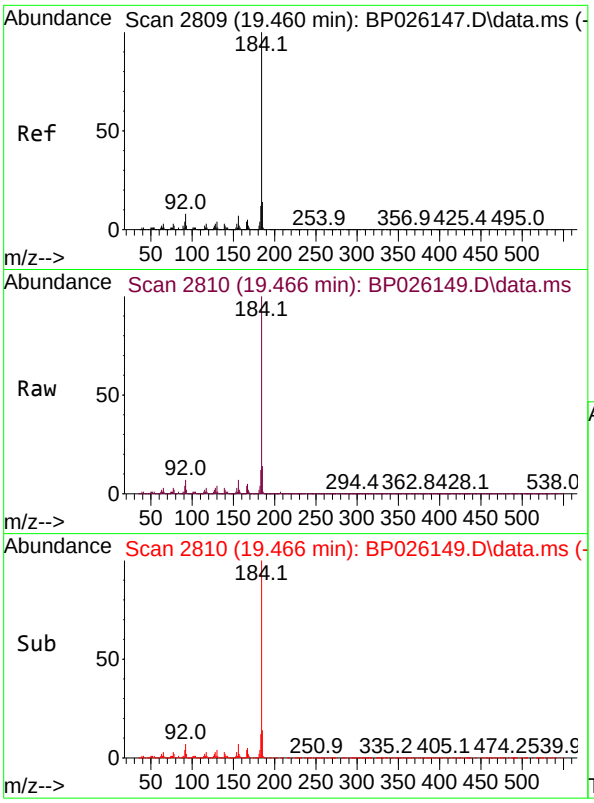


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.012 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:240 Resp: 1696557

Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.0	13.4
236	25.9	20.4	30.6

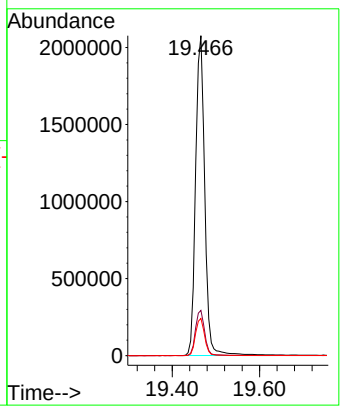




#77
Benzidine
Concen: 57.876 ng
RT: 19.466 min Scan# 28
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:184 Resp: 3022349

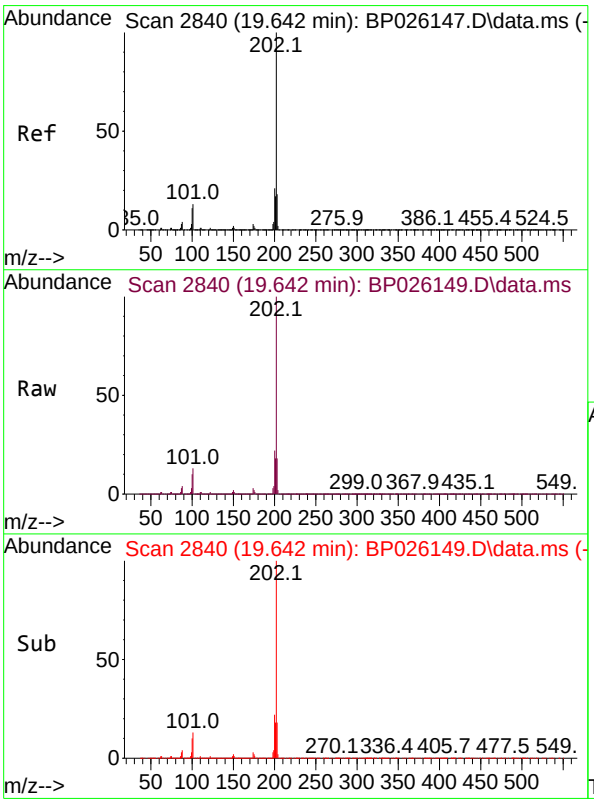
Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.3	16.9
183	11.6	9.0	13.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

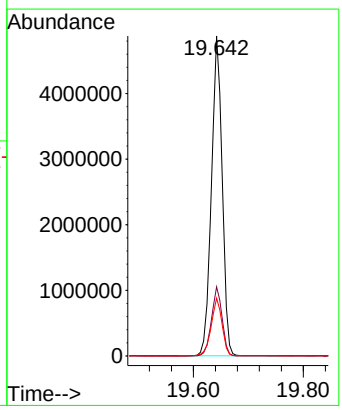
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

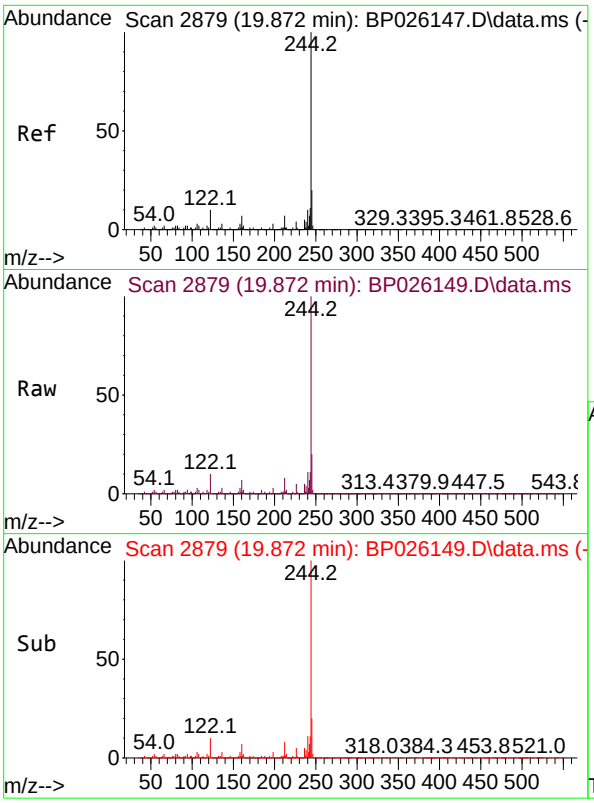


#78
Pyrene
Concen: 59.952 ng
RT: 19.642 min Scan# 2840
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:202 Resp: 6627085

Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.9	25.3
203	18.0	13.8	20.8





#79
Terphenyl-d14
Concen: 112.262 ng
RT: 19.872 min Scan# 28
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

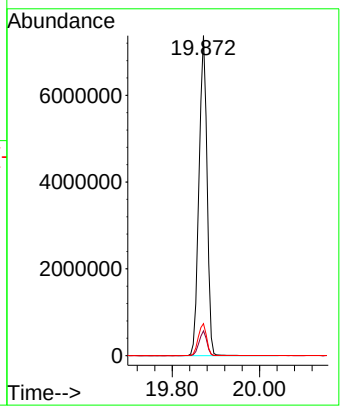
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

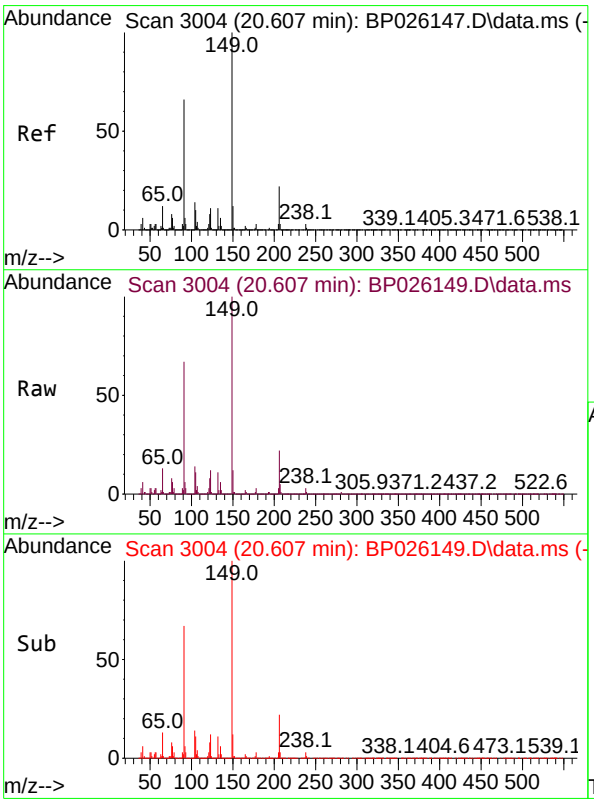
Tgt Ion:244 Resp: 933964

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	10.0	8.2	12.2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

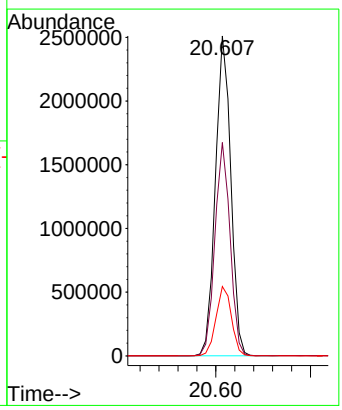


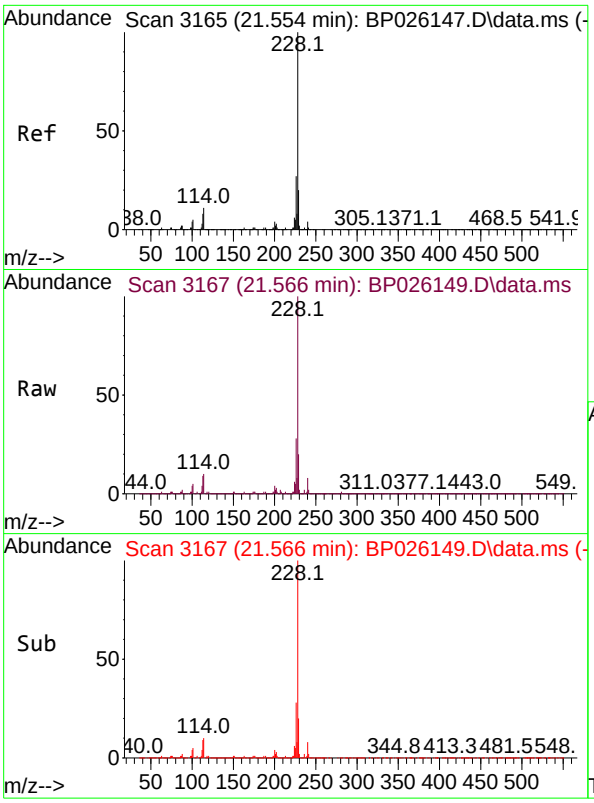


#80
Butylbenzylphthalate
Concen: 57.369 ng
RT: 20.607 min Scan# 3004
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:149 Resp: 2824354

Ion	Ratio	Lower	Upper
149	100		
91	66.7	52.6	79.0
206	21.7	16.9	25.3

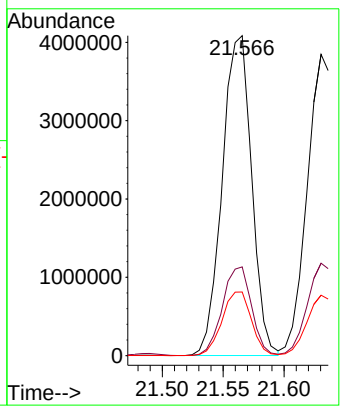




#81
Benzo(a)anthracene
Concen: 59.071 ng
RT: 21.566 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:228 Resp: 687307

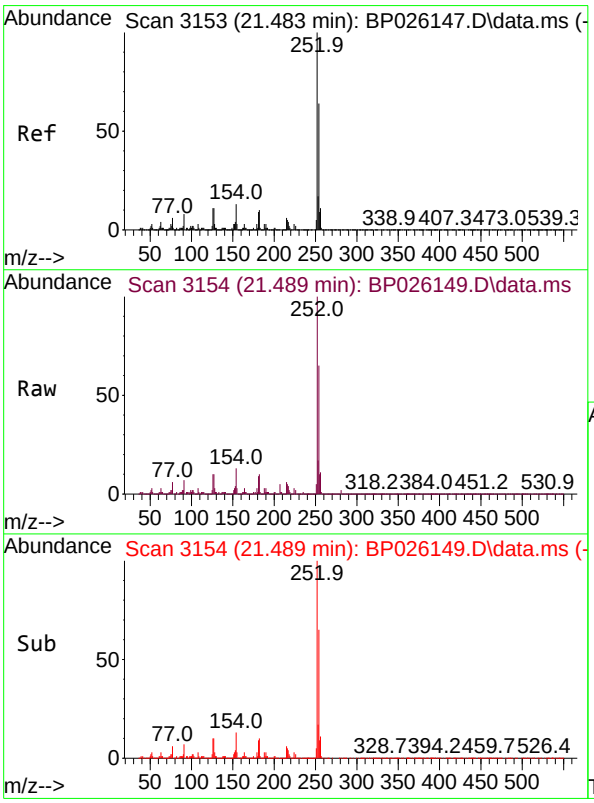
Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.8	32.8
229	19.9	15.9	23.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

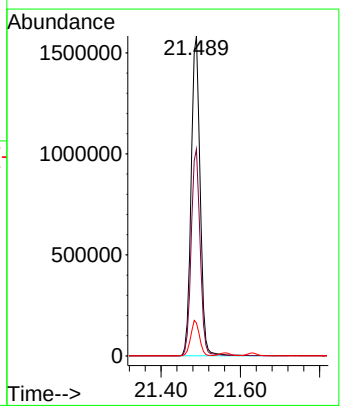
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

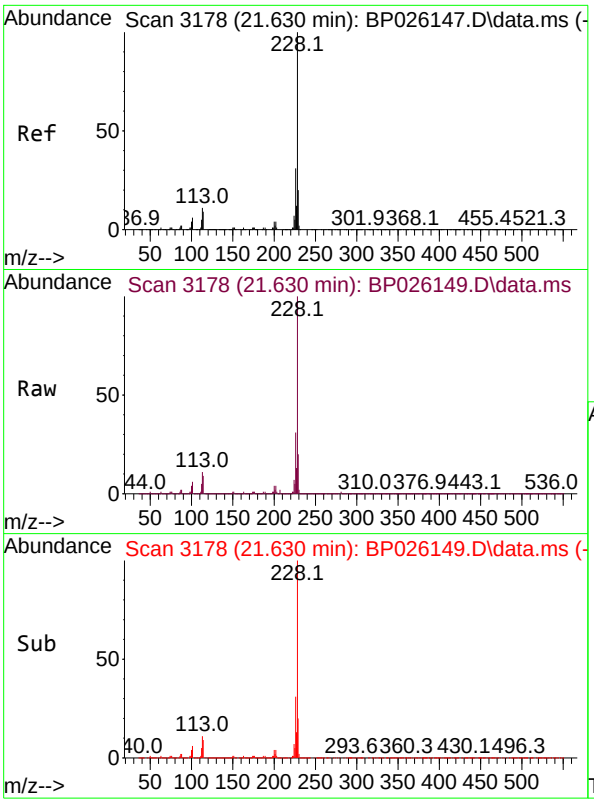


#82
3,3'-Dichlorobenzidine
Concen: 59.050 ng
RT: 21.489 min Scan# 3154
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:252 Resp: 2496806

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.2	76.8
126	10.3	8.2	12.4

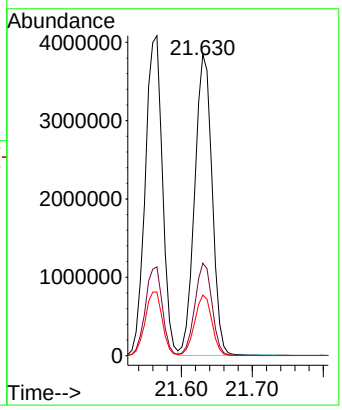




#83
Chrysene
Concen: 59.444 ng
RT: 21.630 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:228 Resp: 651165

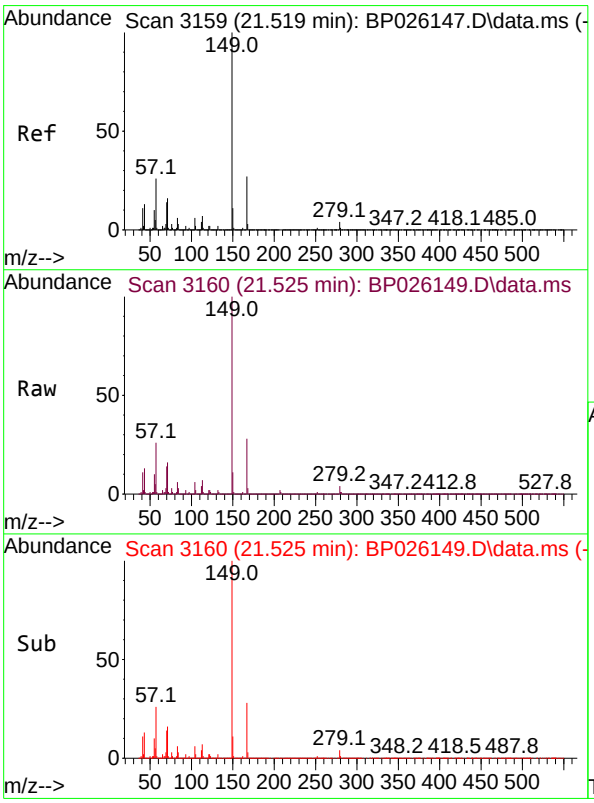
Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.9	35.9
229	20.1	15.9	23.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

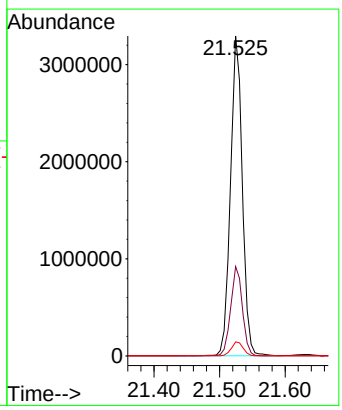
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

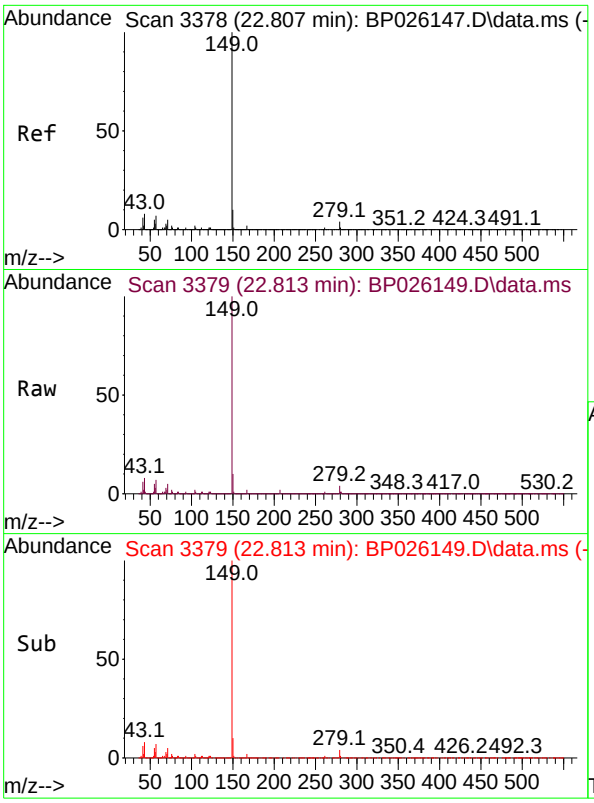


#84
Bis(2-ethylhexyl)phthalate
Concen: 56.063 ng
RT: 21.525 min Scan# 3160
Delta R.T. 0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:149 Resp: 4143037

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.1	33.1
279	4.4	3.3	4.9

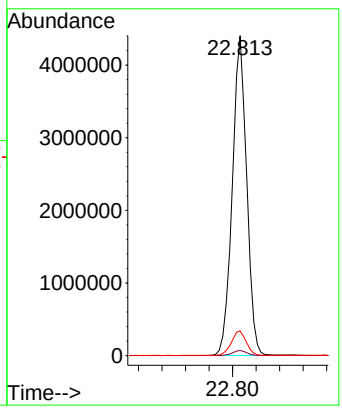




#85
Di-n-octyl phthalate
Concen: 57.415 ng
RT: 22.813 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:149 Resp: 746682

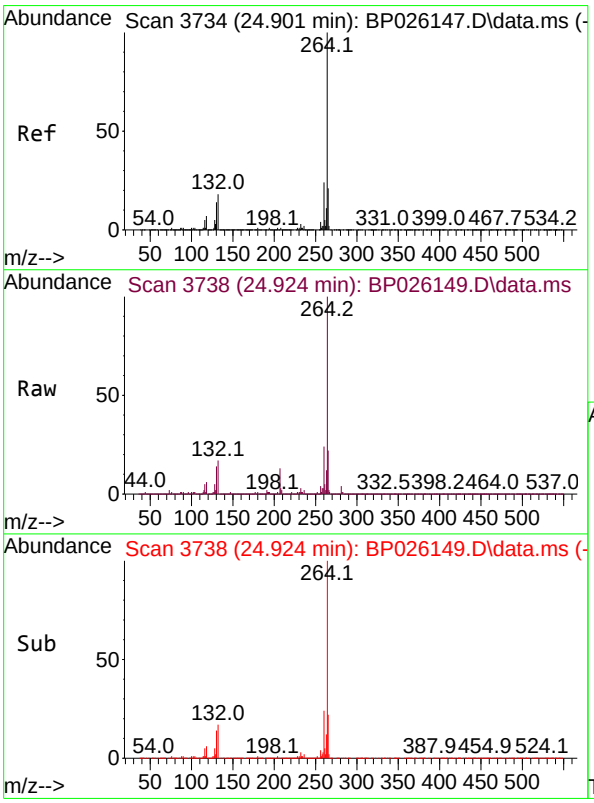
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.9	6.6	10.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

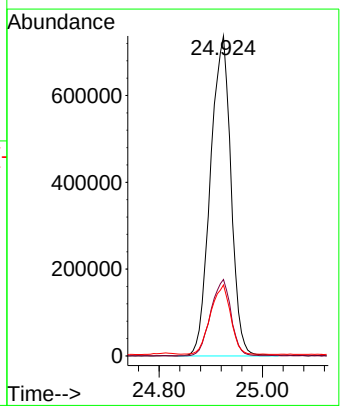
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

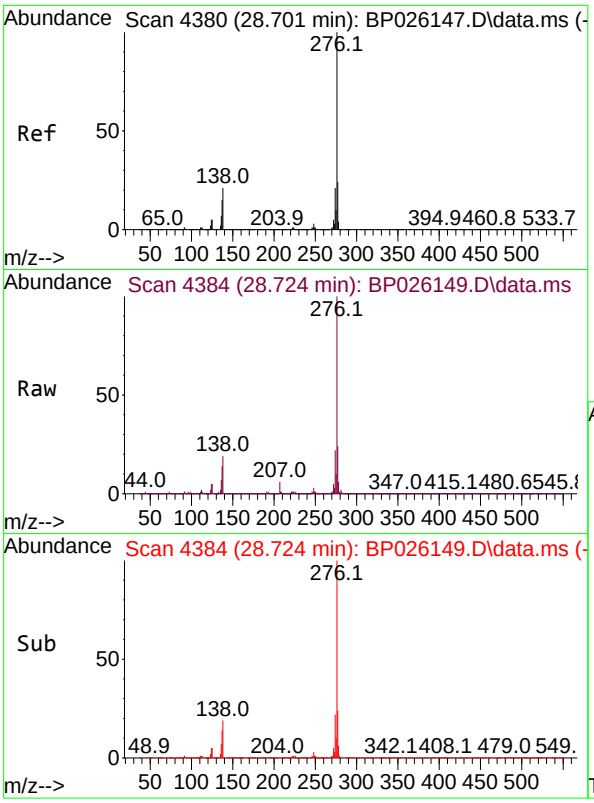


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.924 min Scan# 3738
Delta R.T. 0.018 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:264 Resp: 2032089

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	22.2	17.5	26.3

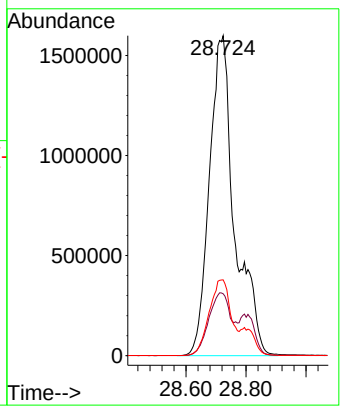




#87
Indeno(1,2,3-cd)pyrene
Concen: 61.647 ng m
RT: 28.724 min Scan# 4
Delta R.T. 0.018 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:276 Resp: 933248

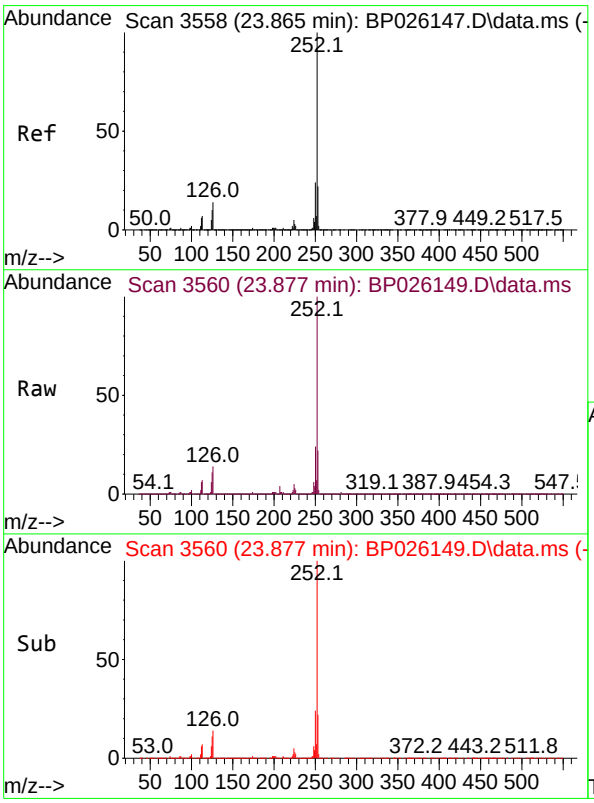
Ion	Ratio	Lower	Upper
276	100		
138	17.8	13.8	20.8
277	20.5	16.7	25.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

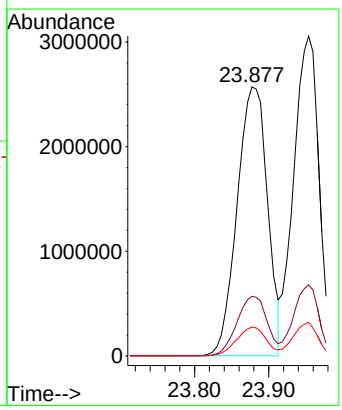
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

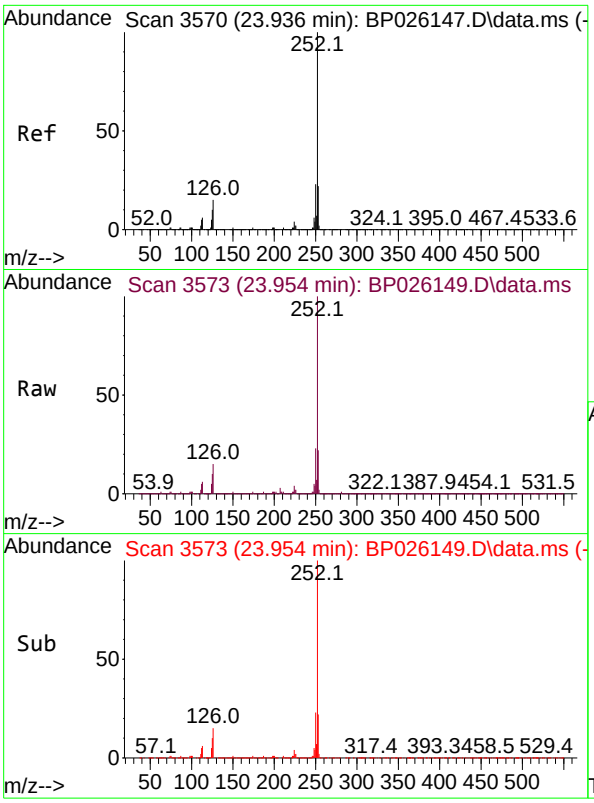


#88
Benzo(b)fluoranthene
Concen: 59.218 ng
RT: 23.877 min Scan# 3560
Delta R.T. 0.012 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:252 Resp: 7316006

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	10.7	8.2	12.4





#89
Benzo(k)fluoranthene
Concen: 58.835 ng
RT: 23.954 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

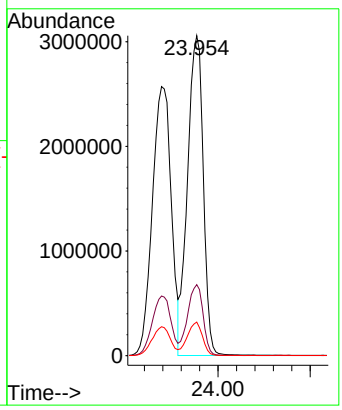
Tgt Ion:252 Resp: 726455

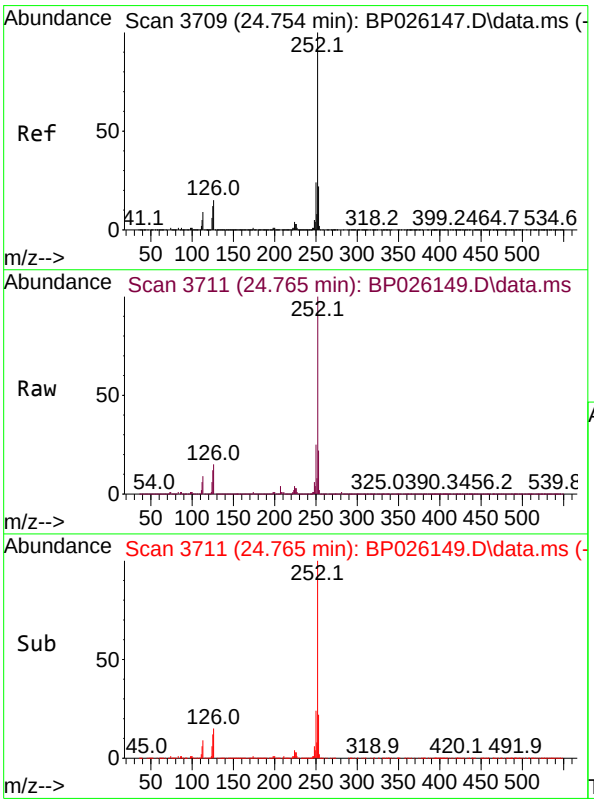
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	10.5	7.5	11.3

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

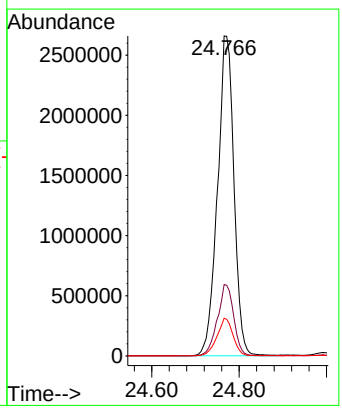


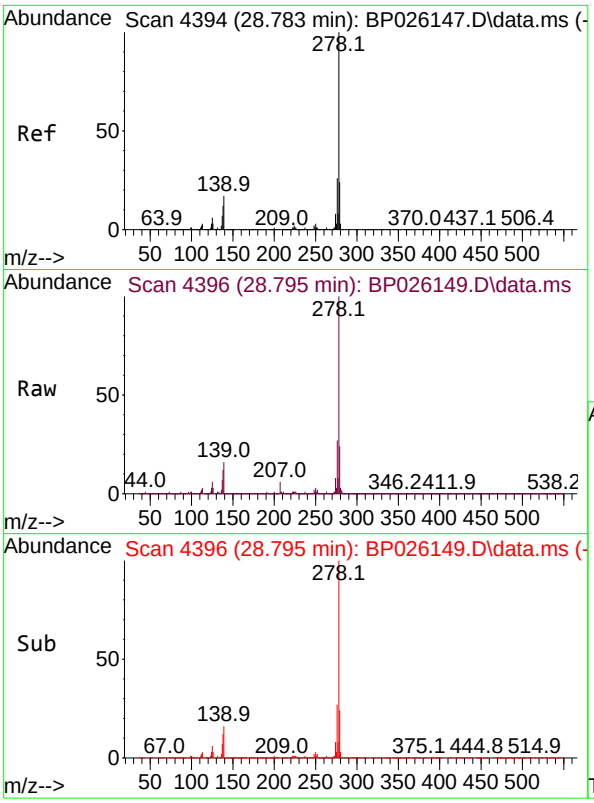


#90
Benzo(a)pyrene
Concen: 59.626 ng
RT: 24.765 min Scan# 3711
Delta R.T. 0.012 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:252 Resp: 6987741

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	11.8	9.0	13.6

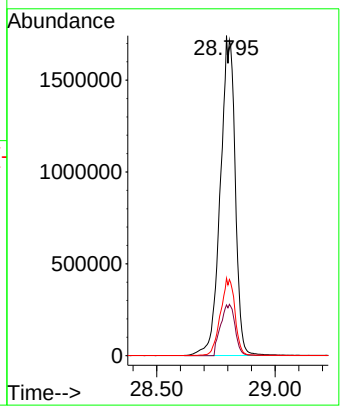




#91
Dibenzo(a,h)anthracene
Concen: 61.180 ng
RT: 28.795 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:278 Resp: 759069

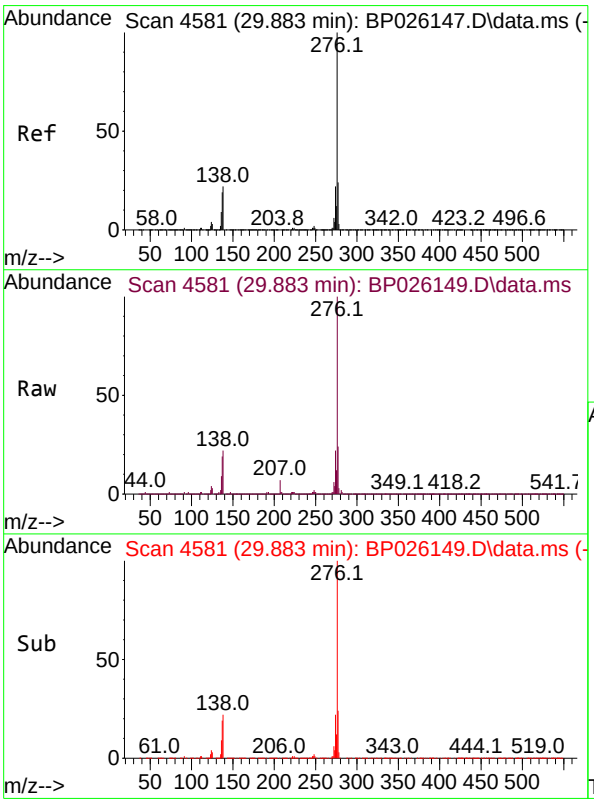
Ion	Ratio	Lower	Upper
278	100		
139	15.8	13.2	19.8
279	24.2	19.2	28.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

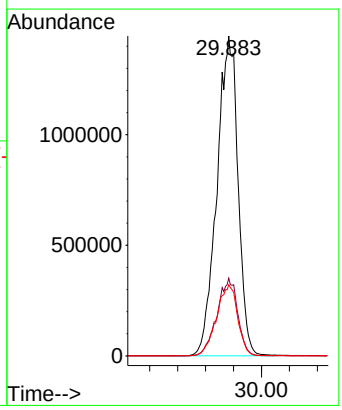
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#92
Benzo(g,h,i)perylene
Concen: 61.561 ng
RT: 29.883 min Scan# 4581
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:276 Resp: 7581255

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.8	28.2
138	22.2	17.8	26.6



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026150.D
Acq On : 18 Nov 2025 21:22
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 01:15:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:06:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.672	152	345750	20.000	ng		0.00
21) Naphthalene-d8	10.437	136	1443668	20.000	ng		-0.01
39) Acenaphthene-d10	14.319	164	916253	20.000	ng		0.00
64) Phenanthrene-d10	17.125	188	1816815	20.000	ng		0.00
76) Chrysene-d12	21.583	240	1872355	20.000	ng		0.01
86) Perylene-d12	24.907	264	2234365	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.290	112	3442714	159.776	ng		0.00
7) Phenol-d6	6.855	99	4415130	160.812	ng		0.00
23) Nitrobenzene-d5	8.819	82	4033252	158.440	ng		0.00
42) 2,4,6-Tribromophenol	15.836	330	1917042	161.460	ng		0.00
45) 2-Fluorobiphenyl	12.925	172	9156268	145.791	ng		0.00
79) Terphenyl-d14	19.866	244	12964447	141.200	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.225	88	682656	77.877	ng		99
3) Pyridine	3.619	79	2016163	79.785	ng		98
4) n-Nitrosodimethylamine	3.525	42	746299	79.241	ng		97
6) Aniline	7.008	93	2927759	80.951	ng		99
8) 2-Chlorophenol	7.249	128	2009119	81.986	ng		99
9) Benzaldehyde	6.819	77	930739	78.716	ng		99
10) Phenol	6.884	94	2391614	80.950	ng		99
11) bis(2-Chloroethyl)ether	7.108	93	1867638	81.013	ng		99
12) 1,3-Dichlorobenzene	7.566	146	2099884	79.578	ng		100
13) 1,4-Dichlorobenzene	7.708	146	2115552	79.609	ng		99
14) 1,2-Dichlorobenzene	8.019	146	2024908	79.210	ng		99
15) Benzyl Alcohol	7.907	79	1621861	80.734	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.196	45	2616851	80.284	ng		99
17) 2-Methylphenol	8.113	107	1634861	81.249	ng		100
18) Hexachloroethane	8.737	117	803419	82.952	ng		97
19) n-Nitroso-di-n-propyla...	8.478	70	1364163	79.788	ng		100
20) 3+4-Methylphenols	8.437	107	2230760	79.724	ng		99
22) Acetophenone	8.484	105	2844696	77.453	ng	#	99
24) Nitrobenzene	8.855	77	2043562	79.321	ng		99
25) Isophorone	9.384	82	4022278	79.581	ng		99
26) 2-Nitrophenol	9.560	139	1116252	85.938	ng		98
27) 2,4-Dimethylphenol	9.625	122	1863595	79.196	ng		100
28) bis(2-Chloroethoxy)met...	9.860	93	2515997	79.503	ng		99
29) 2,4-Dichlorophenol	10.090	162	1895607	80.853	ng		99
30) 1,2,4-Trichlorobenzene	10.302	180	1895013	79.315	ng		99
31) Naphthalene	10.490	128	6074938	77.497	ng		99
32) Benzoic acid	9.813	122	1646676	86.975	ng		99
33) 4-Chloroaniline	10.596	127	2640734	79.361	ng		99
34) Hexachlorobutadiene	10.784	225	1266129	81.448	ng		99
35) Caprolactam	11.401	113	653660	77.424	ng		98
36) 4-Chloro-3-methylphenol	11.731	107	1972354	79.070	ng		99
37) 2-Methylnaphthalene	12.107	142	4297114	77.446	ng		99
38) 1-Methylnaphthalene	12.331	142	4151377	76.467	ng		99
40) 1,2,4,5-Tetrachloroben...	12.484	216	2208451	79.984	ng		100
41) Hexachlorocyclopentadiene	12.466	237	1597193	88.626	ng		99
43) 2,4,6-Trichlorophenol	12.719	196	1541092	81.106	ng		100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026150.D
Acq On : 18 Nov 2025 21:22
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 01:15:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:06:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.795	196	1713807	80.887	ng	99
46) 1,1'-Biphenyl	13.137	154	5350939	77.807	ng	100
47) 2-Chloronaphthalene	13.178	162	4259277	78.776	ng	100
48) 2-Nitroaniline	13.372	65	1240952	82.186	ng	99
49) Acenaphthylene	14.031	152	6984601	78.077	ng	99
50) Dimethylphthalate	13.772	163	5358389	78.482	ng	100
51) 2,6-Dinitrotoluene	13.890	165	1168229	86.521	ng	98
52) Acenaphthene	14.384	154	3961645	75.720	ng	99
53) 3-Nitroaniline	14.225	138	1328194	83.269	ng	97
54) 2,4-Dinitrophenol	14.419	184	762088	94.087	ng	96
55) Dibenzofuran	14.725	168	6063394	74.160	ng	99
56) 4-Nitrophenol	14.542	139	1160755	80.163	ng	98
57) 2,4-Dinitrotoluene	14.684	165	1681172	82.824	ng	99
58) Fluorene	15.389	166	4642250	71.825	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.960	232	1442428	80.377	ng	99
60) Diethylphthalate	15.172	149	5369309	77.587	ng	99
61) 4-Chlorophenyl-phenyle...	15.389	204	2373384	73.978	ng	97
62) 4-Nitroaniline	15.413	138	1312938	78.639	ng	99
63) Azobenzene	15.689	77	4543203	78.140	ng	100
65) 4,6-Dinitro-2-methylph...	15.466	198	1027969	89.911	ng	95
66) n-Nitrosodiphenylamine	15.613	169	4431692	78.838	ng	99
67) 4-Bromophenyl-phenylether	16.301	248	1665615	82.958	ng	99
68) Hexachlorobenzene	16.419	284	1914891	82.547	ng	97
69) Atrazine	16.589	200	1724863	81.486	ng	99
70) Pentachlorophenol	16.772	266	1361754	83.671	ng	100
71) Phenanthrene	17.166	178	7901401	76.873	ng	99
72) Anthracene	17.266	178	8010628	76.308	ng	98
73) Carbazole	17.542	167	7481751	75.335	ng	98
74) Di-n-butylphthalate	18.154	149	9375432	79.539	ng	99
75) Fluoranthene	19.260	202	9351568	74.439	ng	99
77) Benzidine	19.466	184	3802265	65.974	ng	99
78) Pyrene	19.636	202	9565086	78.406	ng	98
80) Butylbenzylphthalate	20.607	149	4393302	80.859	ng	99
81) Benzo(a)anthracene	21.560	228	9949146	77.479	ng	99
82) 3,3'-Dichlorobenzidine	21.483	252	3556791	76.221	ng	99
83) Chrysene	21.630	228	9412347	77.856	ng	98
84) Bis(2-ethylhexyl)phtha...	21.519	149	6825162	83.686	ng	99
85) Di-n-octyl phthalate	22.807	149	11864727	82.666	ng	99
87) Indeno(1,2,3-cd)pyrene	28.712	276	13504257m	81.129	ng	
88) Benzo(b)fluoranthene	23.871	252	10544016	77.620	ng	99
89) Benzo(k)fluoranthene	23.942	252	10628665	78.288	ng	100
90) Benzo(a)pyrene	24.765	252	10207772	79.216	ng	99
91) Dibenzo(a,h)anthracene	28.801	278	11012037	80.721	ng	100
92) Benzo(g,h,i)perylene	29.906	276	11030115	81.458	ng	99

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

ICAL Form

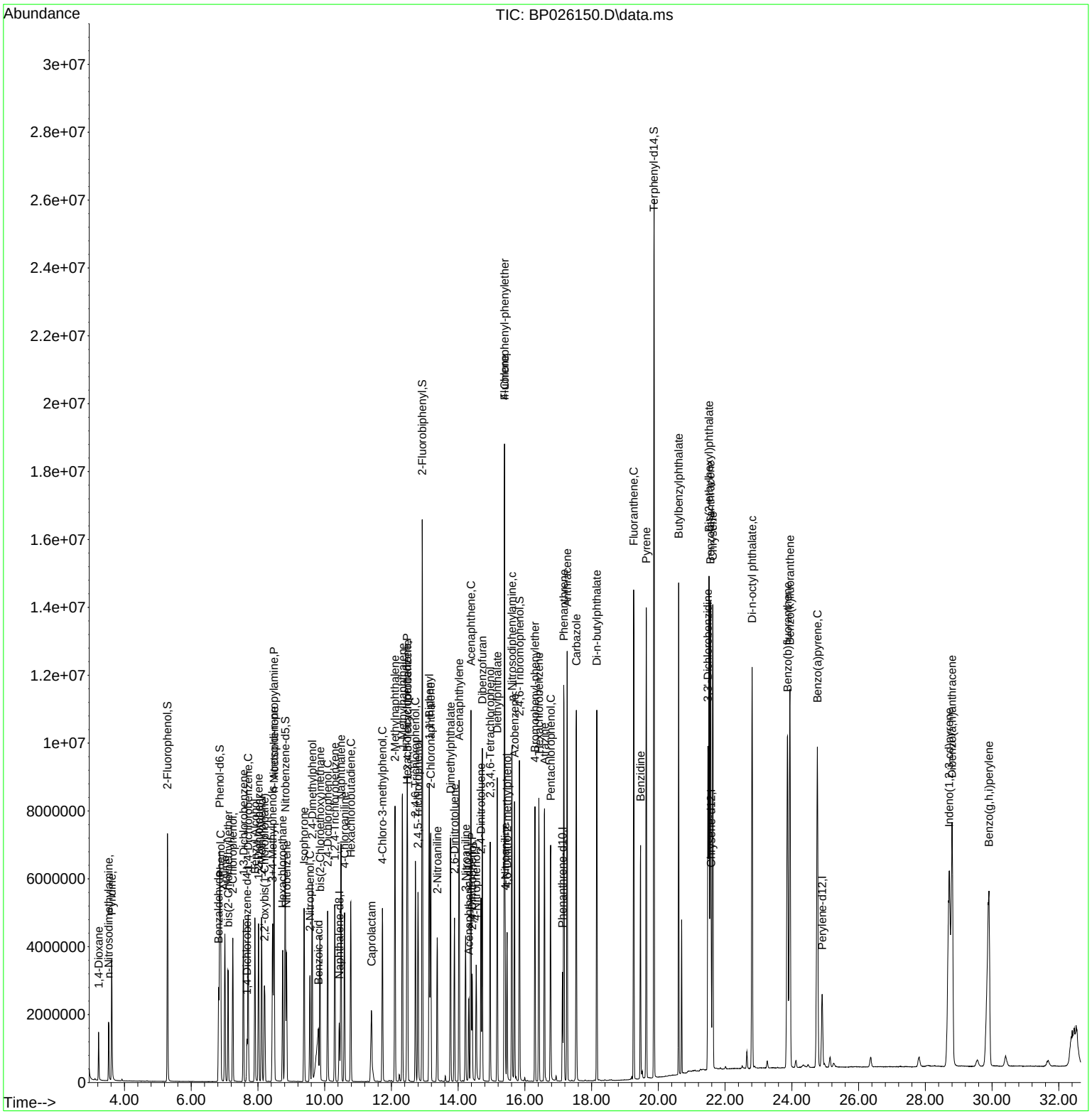
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Data File : BP026150.D
Acq On : 18 Nov 2025 21:22
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 12 Sample Multiplier: 1

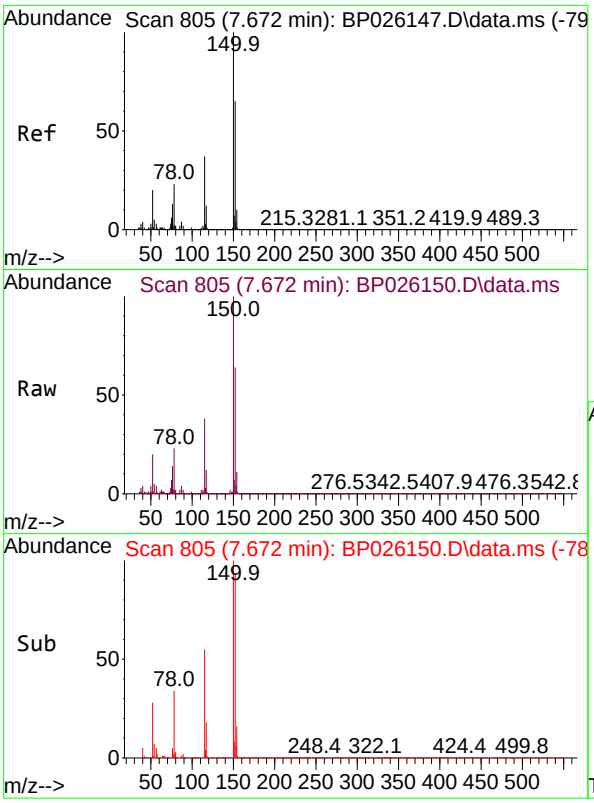
Quant Time: Nov 19 01:15:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:06:38 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

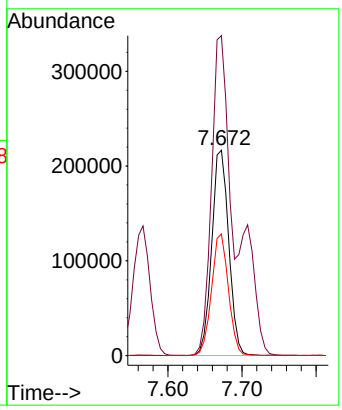




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:152 Resp: 34575

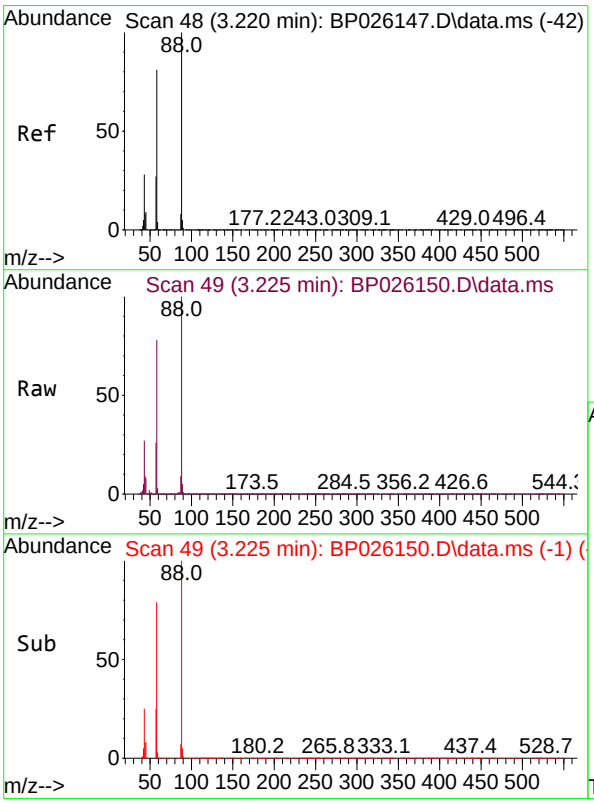
Ion	Ratio	Lower	Upper
152	100		
150	155.8	123.0	184.6
115	59.3	46.3	69.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

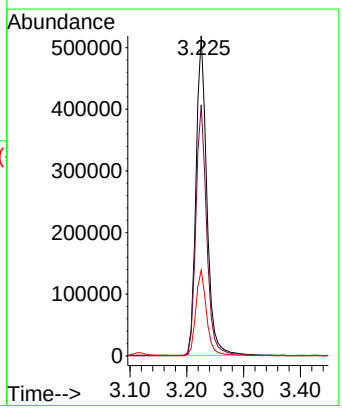
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

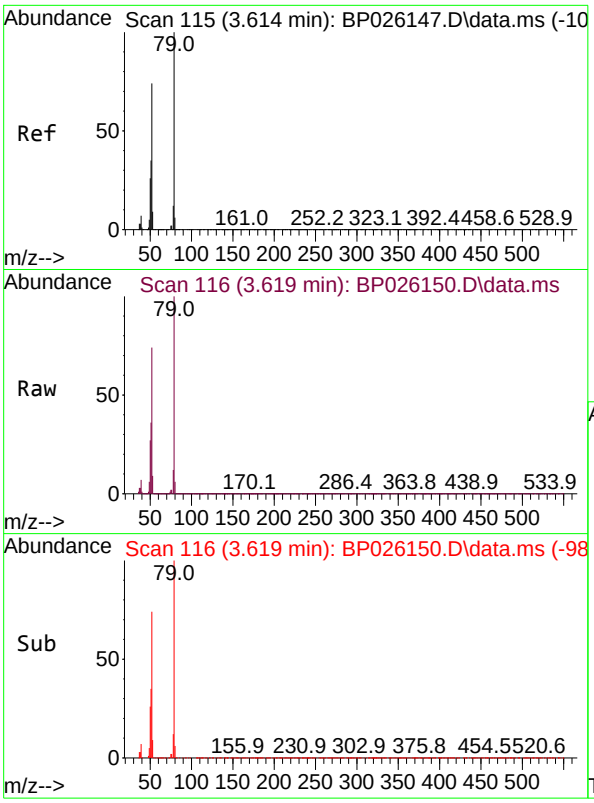


#2
1,4-Dioxane
Concen: 77.877 ng
RT: 3.225 min Scan# 49
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 88 Resp: 682656

Ion	Ratio	Lower	Upper
88	100		
58	78.9	64.2	96.4
43	26.6	21.5	32.3

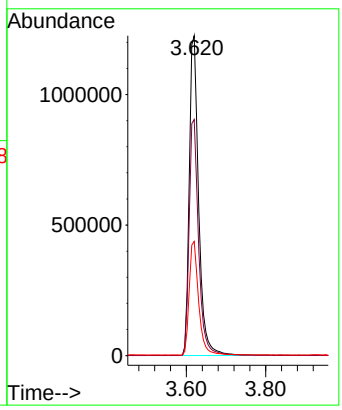




#3
Pyridine
Concen: 79.785 ng
RT: 3.619 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 79 Resp: 201616

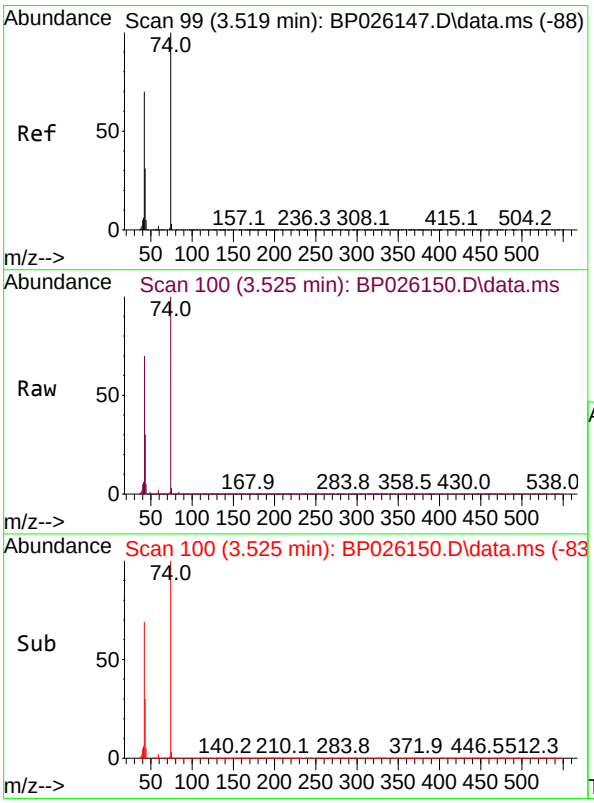
Ion	Ratio	Lower	Upper
79	100		
52	73.8	60.2	90.2
51	35.7	29.5	44.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

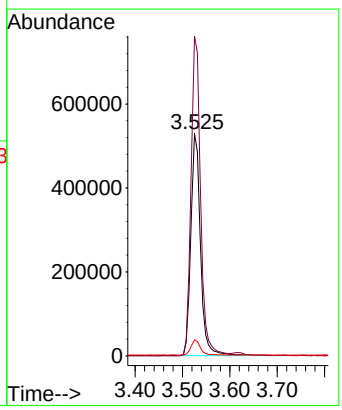
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

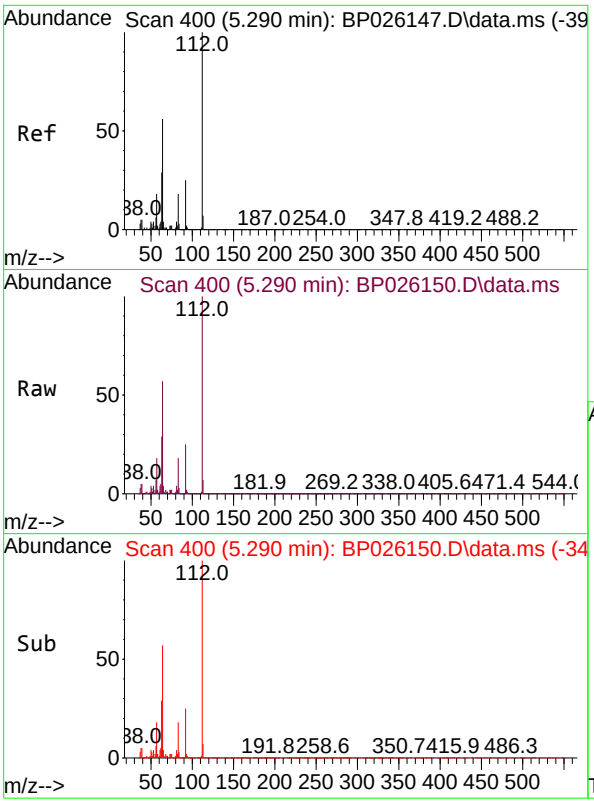


#4
n-Nitrosodimethylamine
Concen: 79.241 ng
RT: 3.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 42 Resp: 746299

Ion	Ratio	Lower	Upper
42	100		
74	143.8	118.1	177.1
44	7.1	6.2	9.4

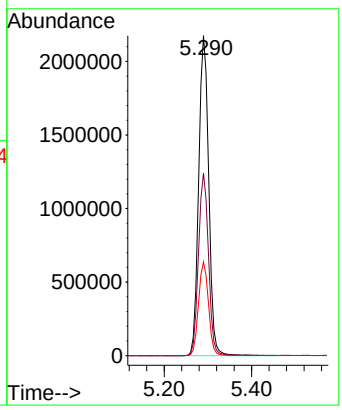




#5
2-Fluorophenol
Concen: 159.776 ng
RT: 5.290 min Scan# 4(
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:112 Resp: 344271

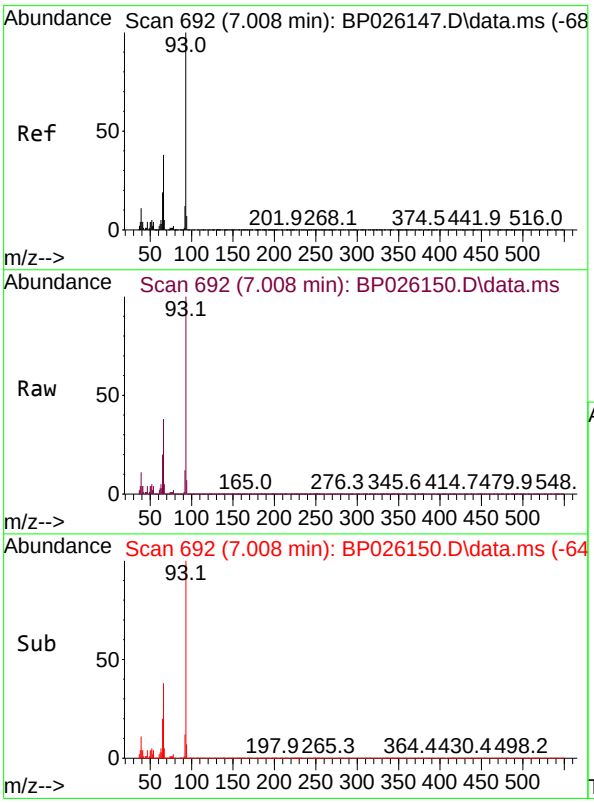
Ion	Ratio	Lower	Upper
112	100		
64	57.1	45.8	68.6
63	29.3	23.5	35.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

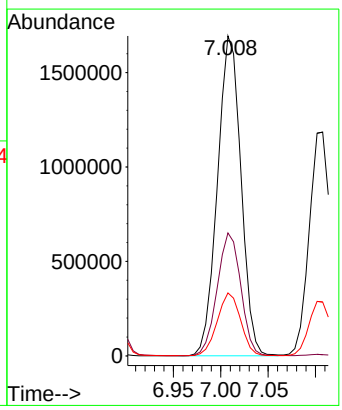
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

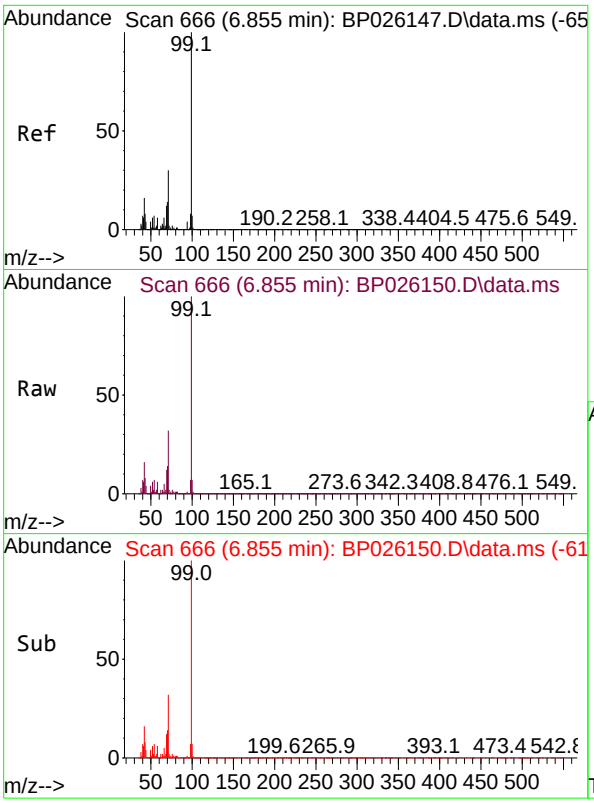


#6
Aniline
Concen: 80.951 ng
RT: 7.008 min Scan# 692
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 93 Resp: 2927759

Ion	Ratio	Lower	Upper
93	100		
66	38.4	31.7	47.5
65	19.7	15.8	23.6

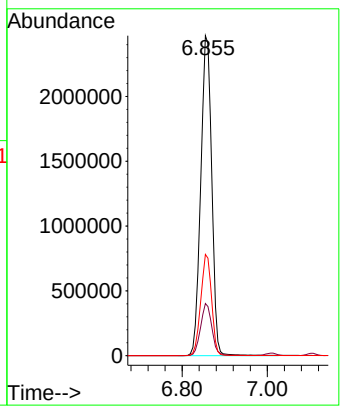




#7
Phenol-d6
Concen: 160.812 ng
RT: 6.855 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 99 Resp: 441513

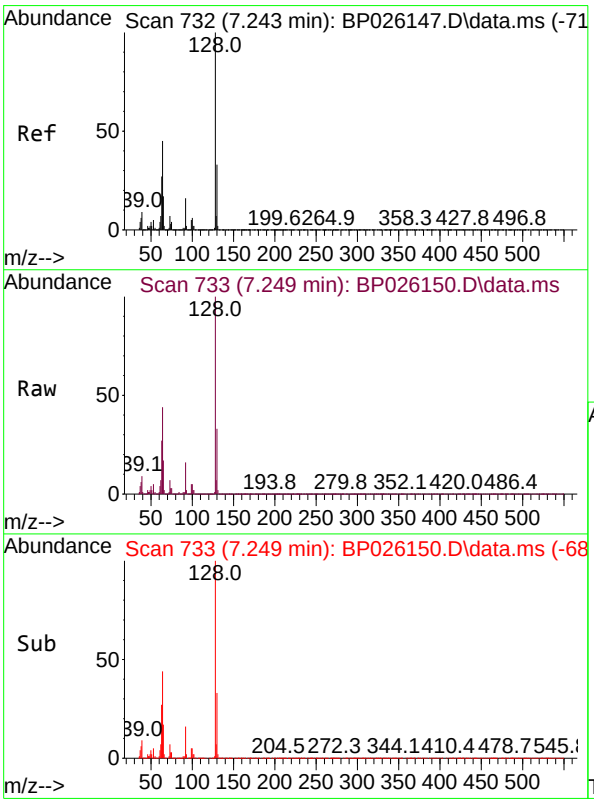
Ion	Ratio	Lower	Upper
99	100		
42	16.3	12.9	19.3
71	31.6	24.8	37.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

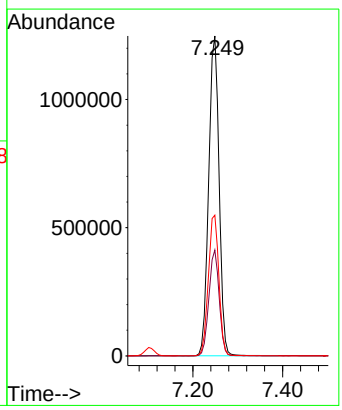
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

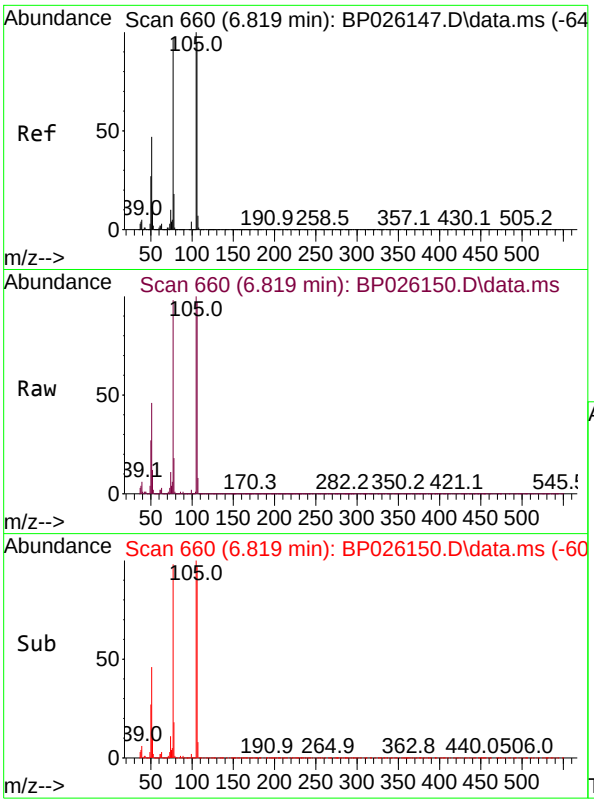


#8
2-Chlorophenol
Concen: 81.986 ng
RT: 7.249 min Scan# 733
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:128 Resp: 2009119

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.4	52.4
64	44.0	23.9	63.9

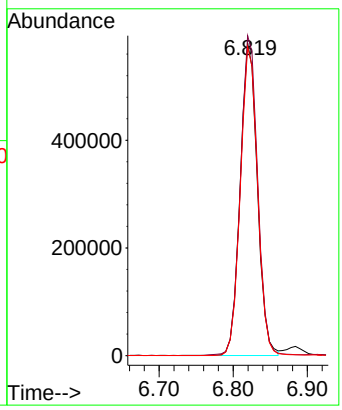




#9
Benzaldehyde
Concen: 78.716 ng
RT: 6.819 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 77 Resp: 93073

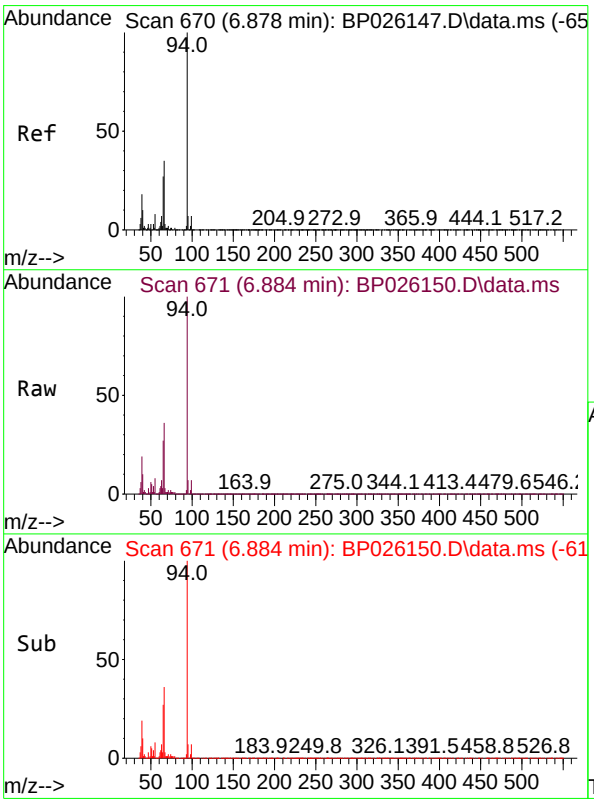
Ion	Ratio	Lower	Upper
77	100		
105	102.4	82.9	122.9
106	98.9	77.8	117.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

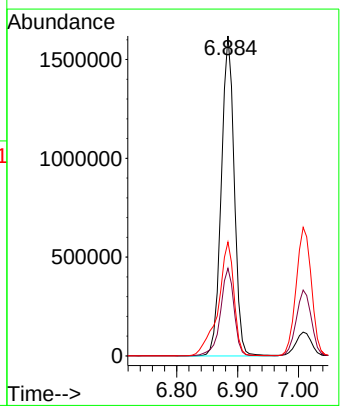
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

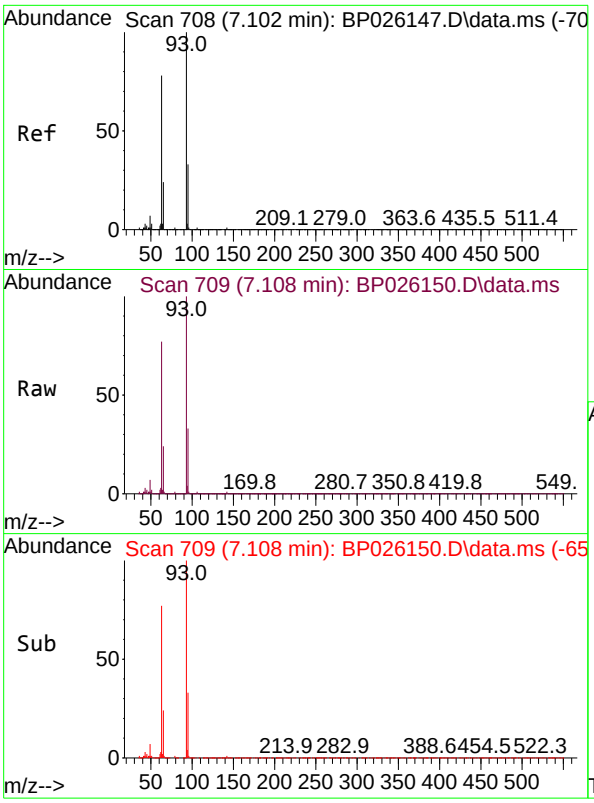


#10
Phenol
Concen: 80.950 ng
RT: 6.884 min Scan# 671
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 94 Resp: 2391614

Ion	Ratio	Lower	Upper
94	100		
65	27.4	7.0	47.0
66	35.6	14.5	54.5

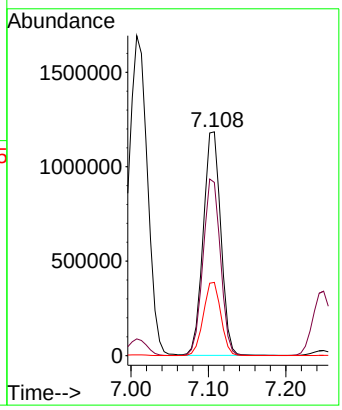




#11
bis(2-Chloroethyl)ether
Concen: 81.013 ng
RT: 7.108 min Scan# 7
Delta R.T. 0.012 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 93 Resp: 186763

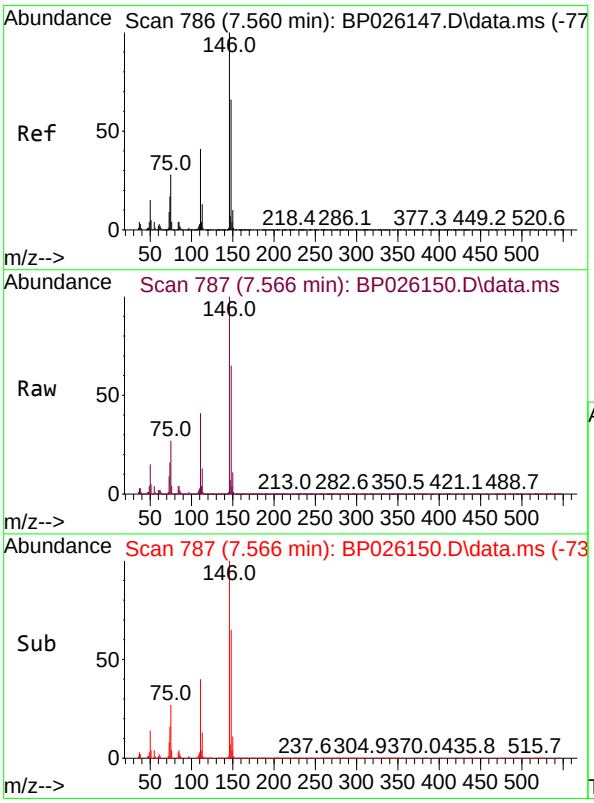
Ion	Ratio	Lower	Upper
93	100		
63	77.4	58.8	98.8
95	32.7	12.1	52.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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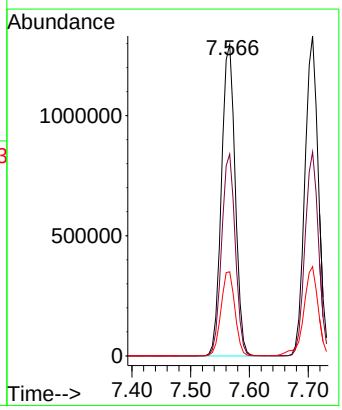
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

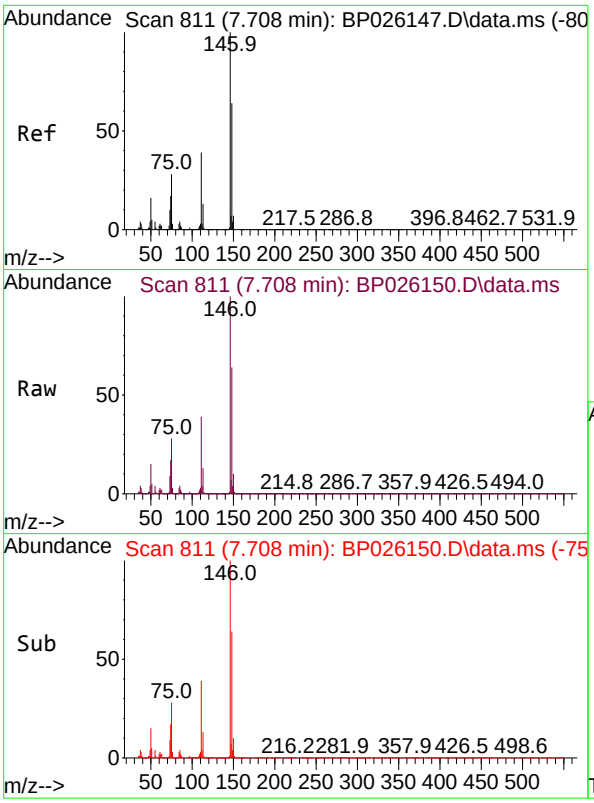


#12
1,3-Dichlorobenzene
Concen: 79.578 ng
RT: 7.566 min Scan# 787
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:146 Resp: 2099884

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.8	77.8
75	27.0	22.2	33.2





#13
1,4-Dichlorobenzene
Concen: 79.609 ng
RT: 7.708 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

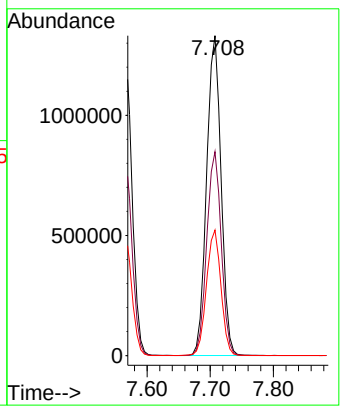
Tgt Ion:146 Resp: 211555

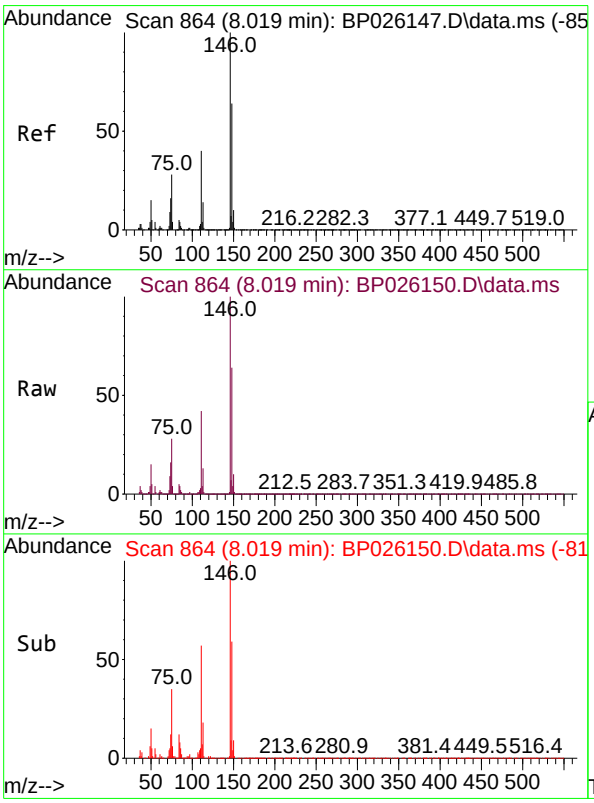
Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.4	77.2
111	39.2	31.7	47.5

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

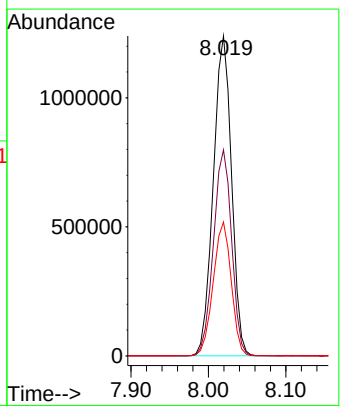


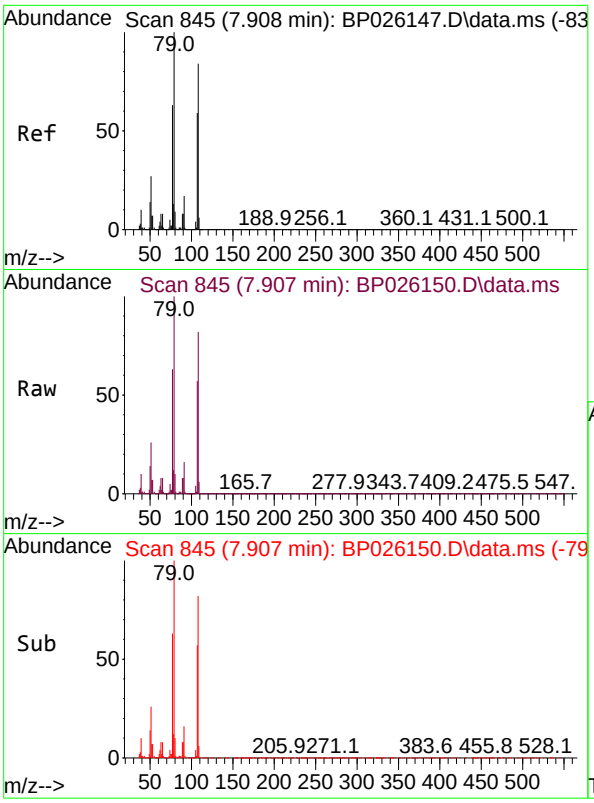


#14
1,2-Dichlorobenzene
Concen: 79.210 ng
RT: 8.019 min Scan# 864
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:146 Resp: 2024908

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.0	76.6
111	41.8	33.0	49.4

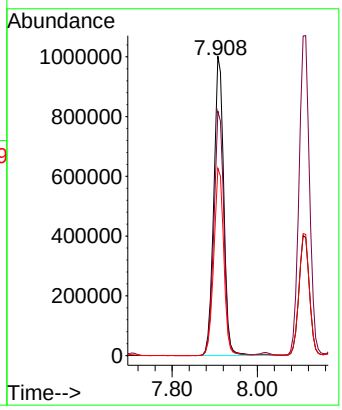




#15
Benzyl Alcohol
Concen: 80.734 ng
RT: 7.907 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 79 Resp: 162186

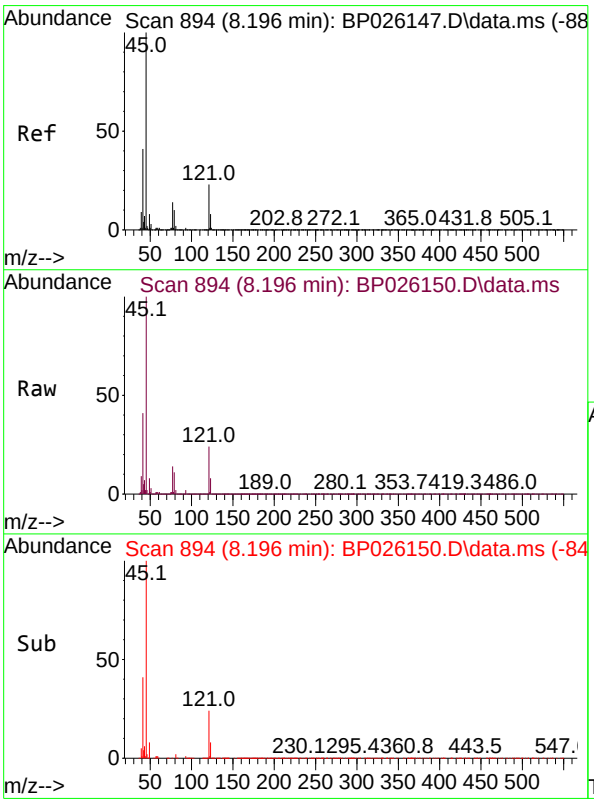
Ion	Ratio	Lower	Upper
79	100		
108	81.6	66.2	99.4
77	62.5	50.0	75.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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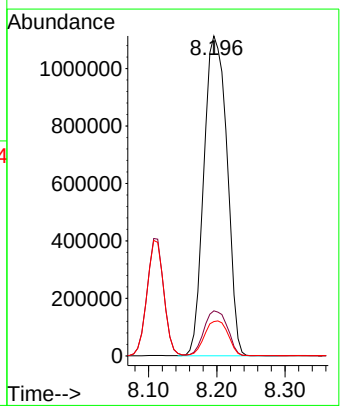
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

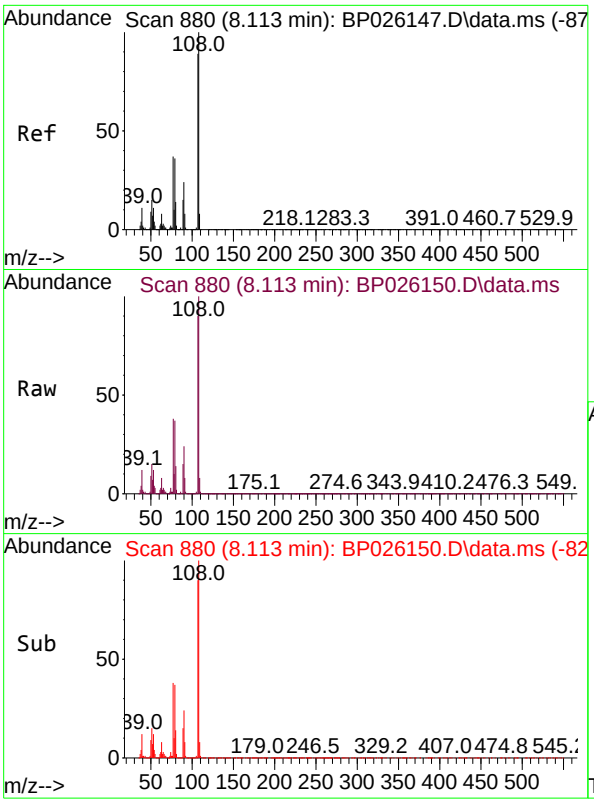


#16
2,2'-oxybis(1-Chloropropane)
Concen: 80.284 ng
RT: 8.196 min Scan# 894
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 45 Resp: 2616851

Ion	Ratio	Lower	Upper
45	100		
77	14.1	0.0	33.9
79	10.7	0.0	30.4

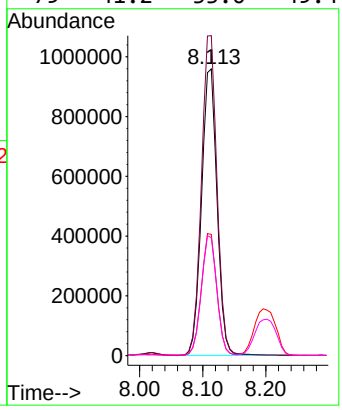




#17
2-Methylphenol
Concen: 81.249 ng
RT: 8.113 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:107 Resp: 163486

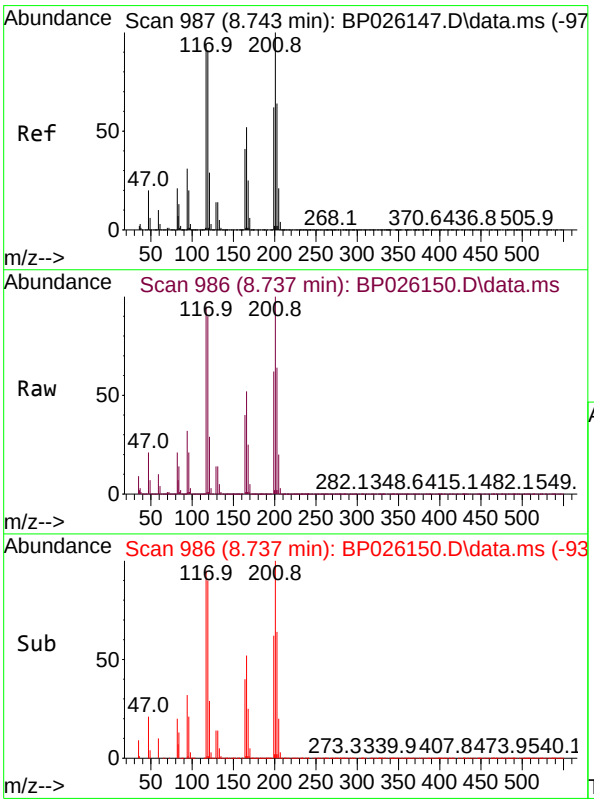
Ion	Ratio	Lower	Upper
107	100		
108	111.7	89.7	134.5
77	42.3	33.9	50.9
79	41.2	33.0	49.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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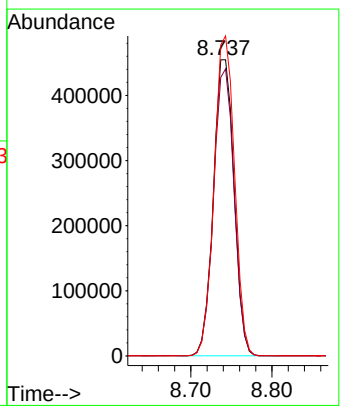
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

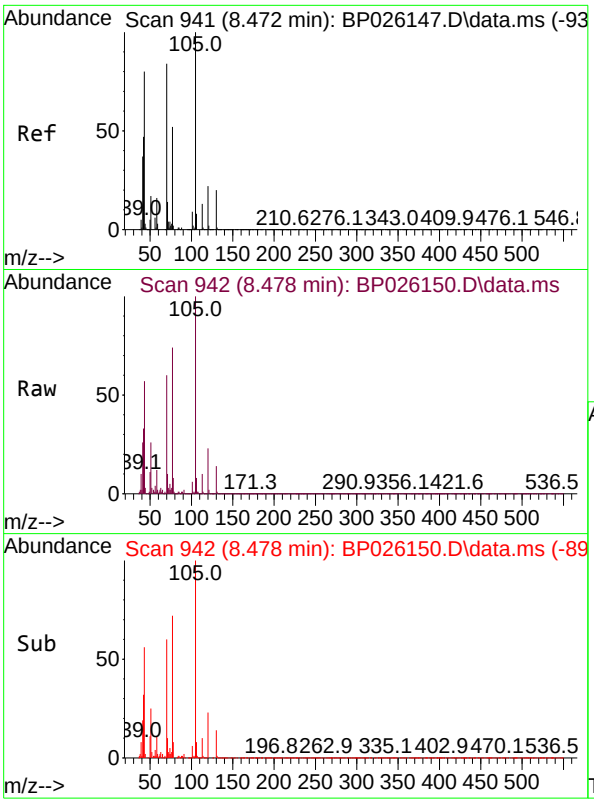


#18
Hexachloroethane
Concen: 82.952 ng
RT: 8.737 min Scan# 986
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:117 Resp: 803419

Ion	Ratio	Lower	Upper
117	100		
119	94.0	78.7	118.1
201	105.0	85.1	127.7

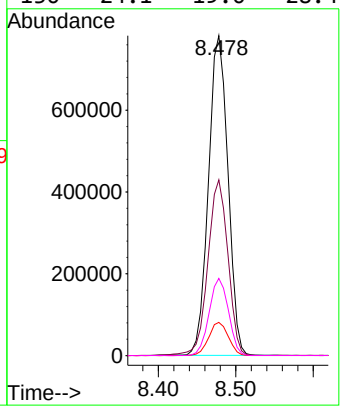




#19
n-Nitroso-di-n-propylamine
Concen: 79.788 ng
RT: 8.478 min Scan# 94
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 70 Resp: 136416

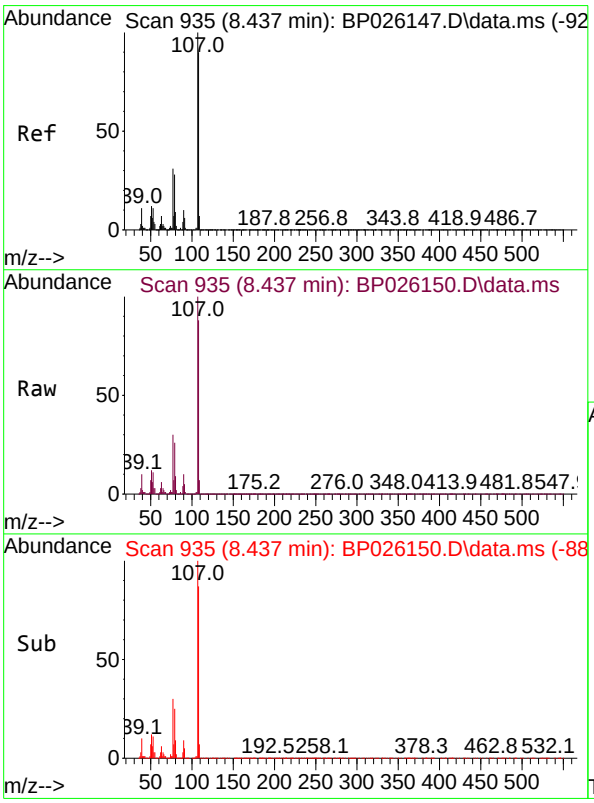
Ion	Ratio	Lower	Upper
70	100		
42	54.9	44.1	66.1
101	10.4	8.2	12.4
130	24.1	19.0	28.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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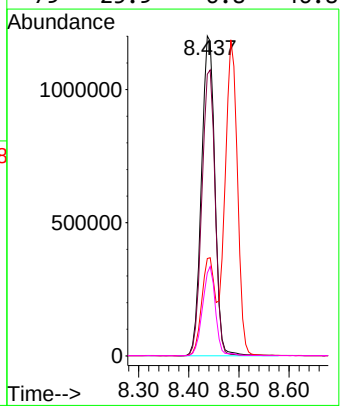
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

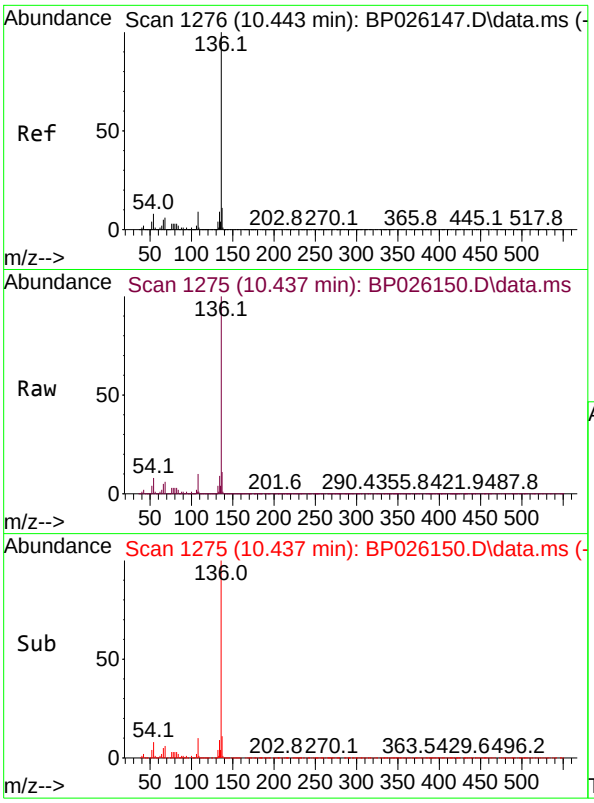


#20
3+4-Methylphenols
Concen: 79.724 ng
RT: 8.437 min Scan# 935
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:107 Resp: 2230760

Ion	Ratio	Lower	Upper
107	100		
108	88.0	68.9	108.9
77	30.4	10.4	50.4
79	25.9	6.8	46.8

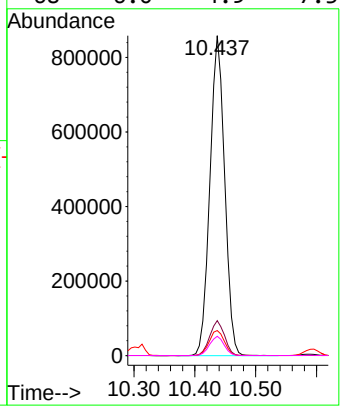




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.437 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:136 Resp: 144366

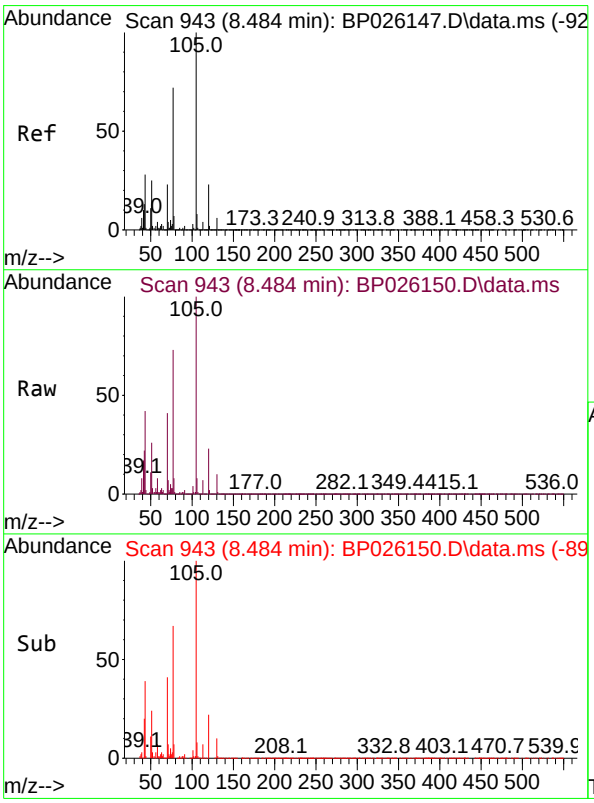
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.8	6.4	9.6
68	6.0	4.9	7.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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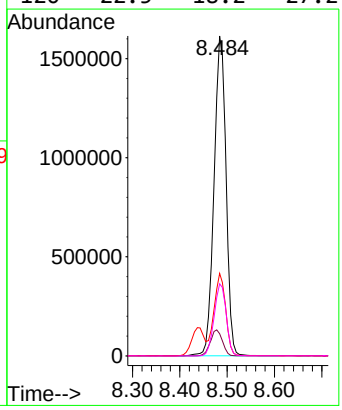
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

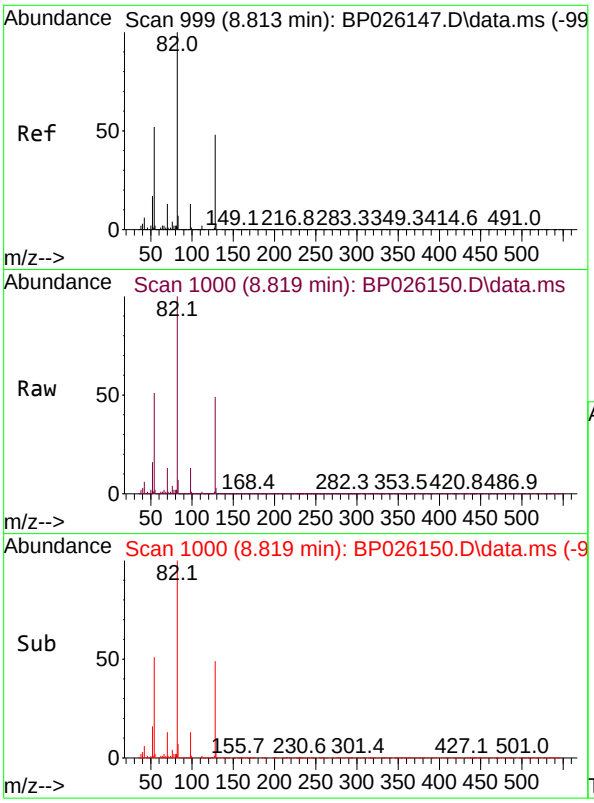


#22
Acetophenone
Concen: 77.453 ng
RT: 8.484 min Scan# 943
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:105 Resp: 2844696

Ion	Ratio	Lower	Upper
105	100		
71	7.0	3.0	4.4#
51	25.8	20.5	30.7
120	22.5	18.2	27.2

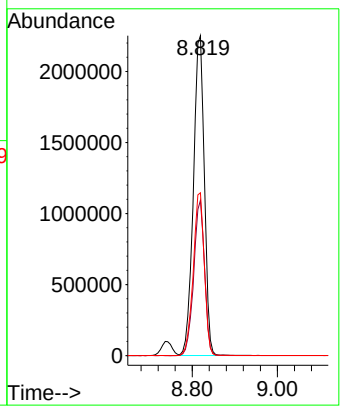




#23
Nitrobenzene-d5
Concen: 158.440 ng
RT: 8.819 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 82 Resp: 403325

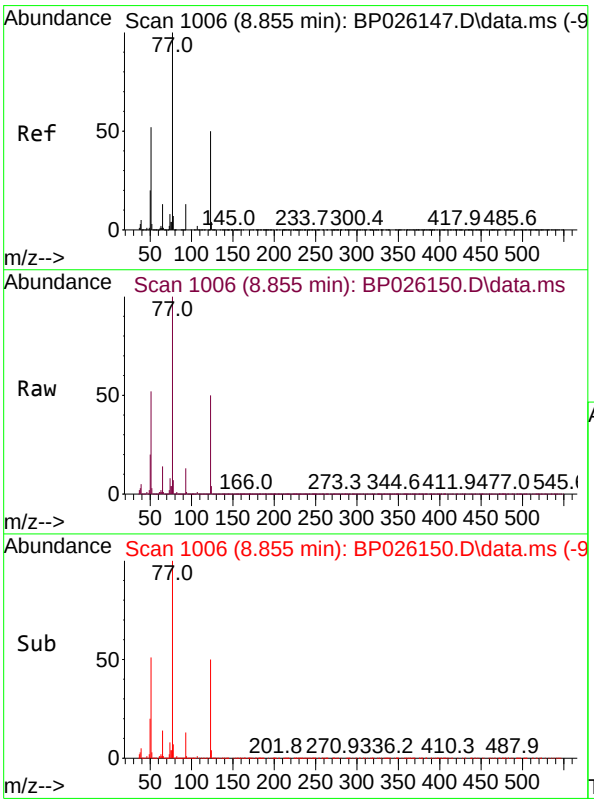
Ion	Ratio	Lower	Upper
82	100		
128	48.5	37.4	56.0
54	50.9	41.6	62.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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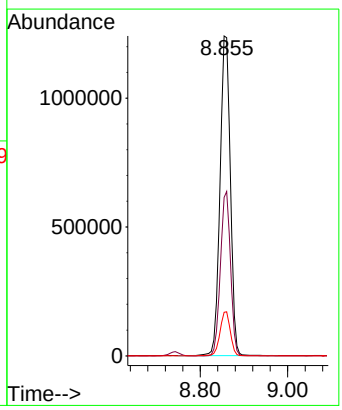
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

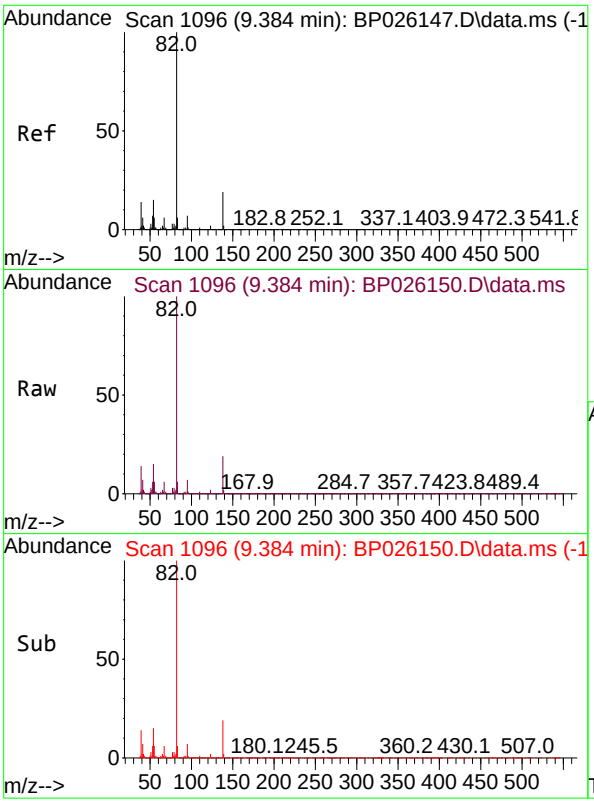


#24
Nitrobenzene
Concen: 79.321 ng
RT: 8.855 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 77 Resp: 2043562

Ion	Ratio	Lower	Upper
77	100		
123	49.5	39.8	59.8
65	13.6	11.2	16.8

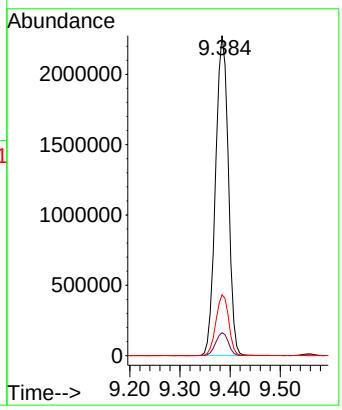




#25
Isophorone
Concen: 79.581 ng
RT: 9.384 min Scan# 10
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 82 Resp: 402227

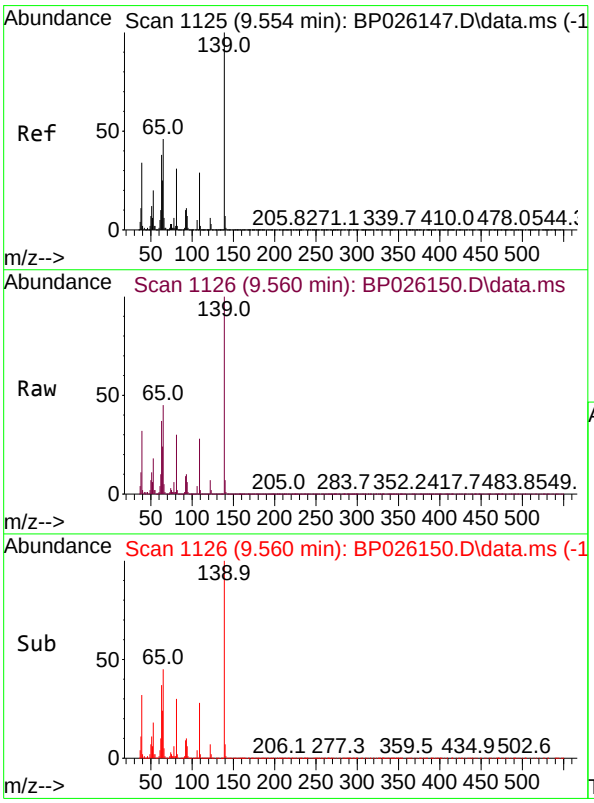
Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.4	8.0
138	19.0	15.4	23.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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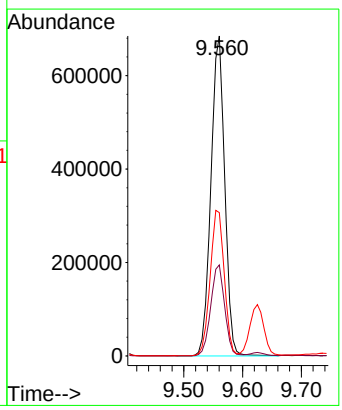
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

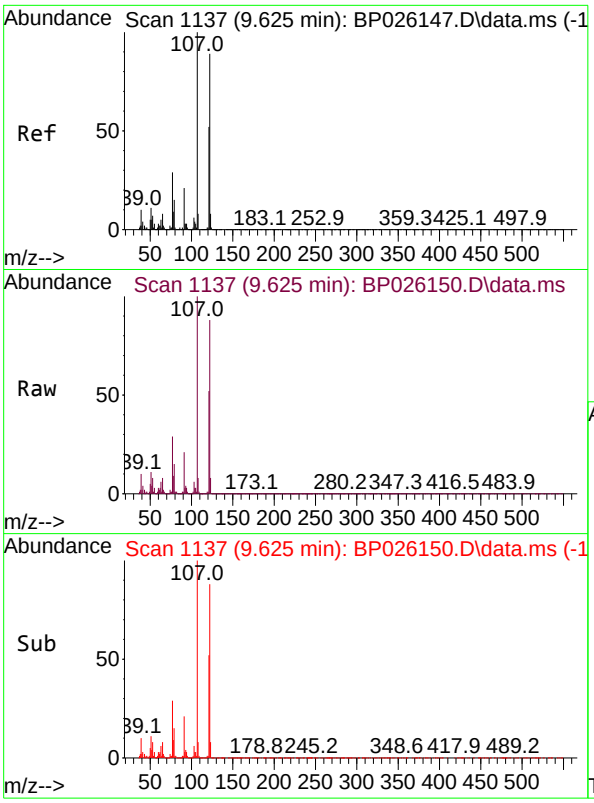


#26
2-Nitrophenol
Concen: 85.938 ng
RT: 9.560 min Scan# 1126
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:139 Resp: 1116252

Ion	Ratio	Lower	Upper
139	100		
109	28.4	22.3	33.5
65	44.8	37.2	55.8





#27
2,4-Dimethylphenol
Concen: 79.196 ng
RT: 9.625 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

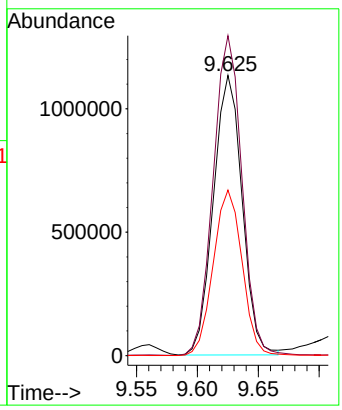
Tgt Ion:122 Resp: 186359

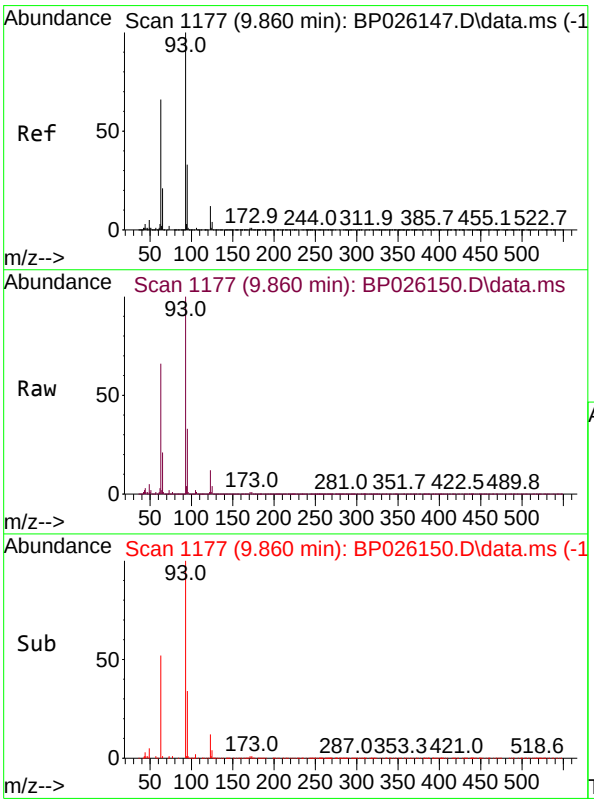
Ion	Ratio	Lower	Upper
122	100		
107	114.2	91.0	136.6
121	59.1	47.0	70.6

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

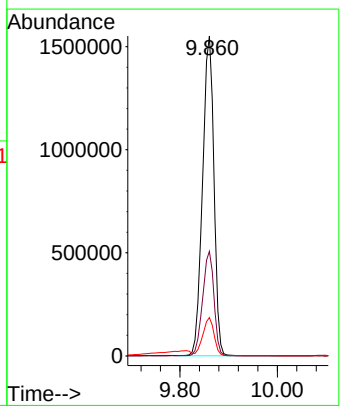


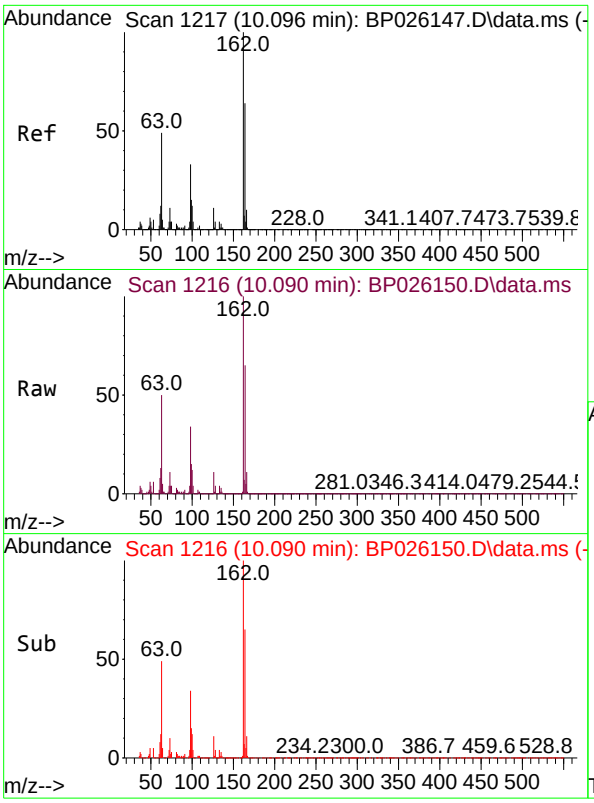


#28
bis(2-Chloroethoxy)methane
Concen: 79.503 ng
RT: 9.860 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 93 Resp: 2515997

Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.4	39.6
123	12.0	9.4	14.0





#29
2,4-Dichlorophenol
Concen: 80.853 ng
RT: 10.090 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

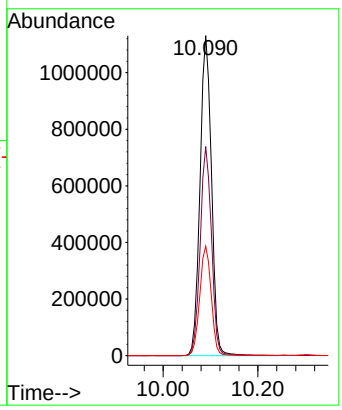
Tgt Ion:162 Resp: 189560

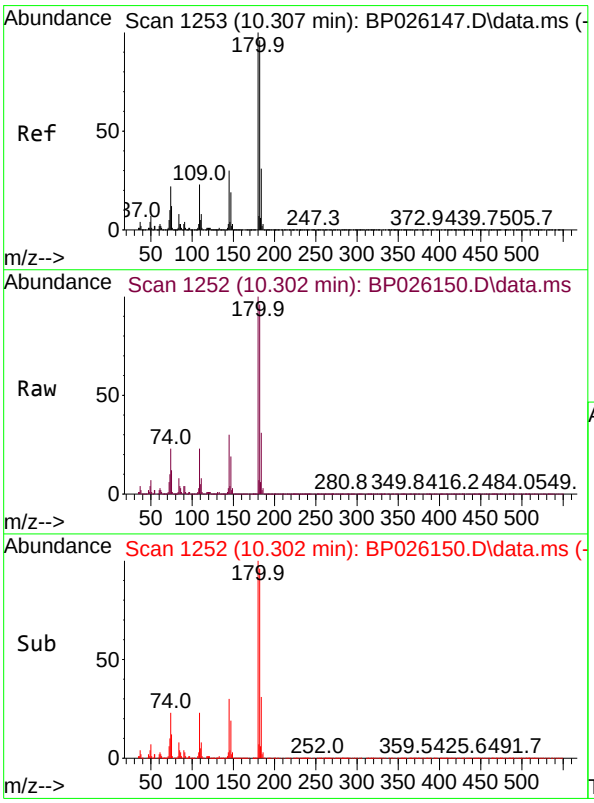
Ion	Ratio	Lower	Upper
162	100		
164	65.3	43.8	83.8
98	34.2	14.1	54.1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

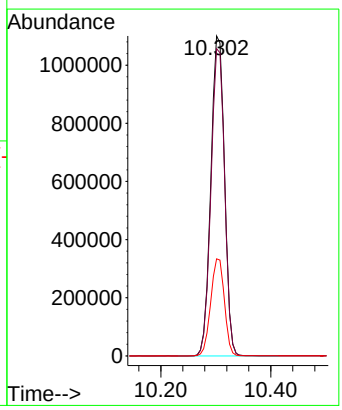


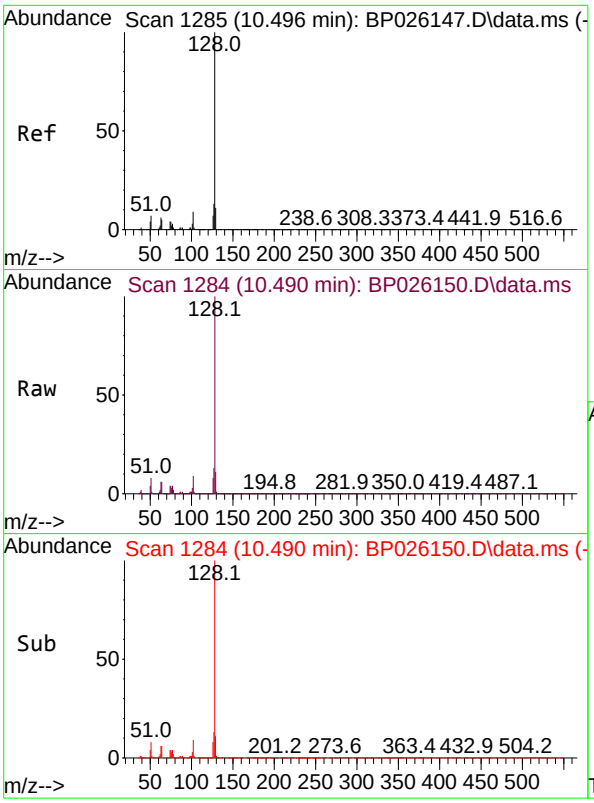


#30
1,2,4-Trichlorobenzene
Concen: 79.315 ng
RT: 10.302 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:180 Resp: 1895013

Ion	Ratio	Lower	Upper
180	100		
182	96.0	78.1	117.1
145	30.3	24.2	36.4

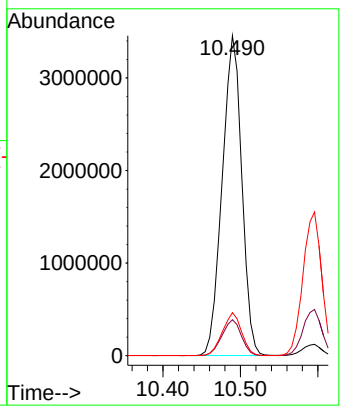




#31
Naphthalene
Concen: 77.497 ng
RT: 10.490 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:128 Resp: 607493

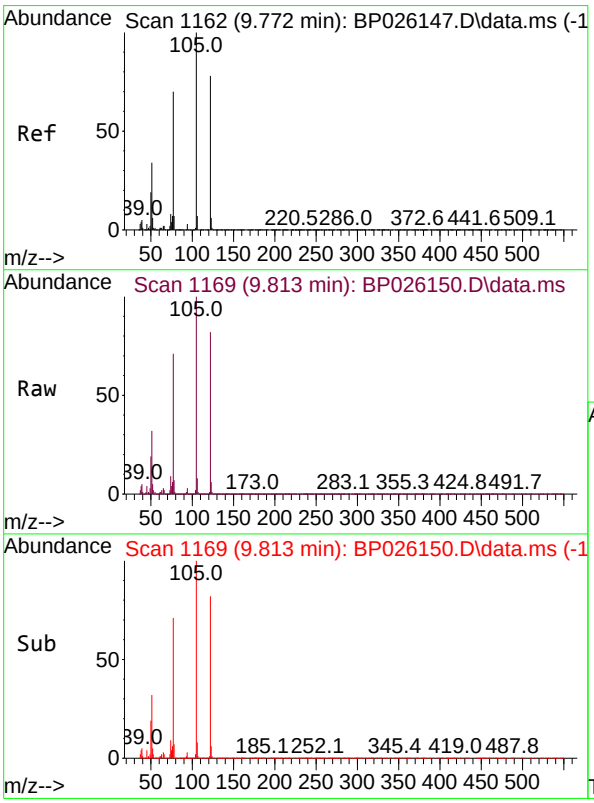
Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.4	10.2	15.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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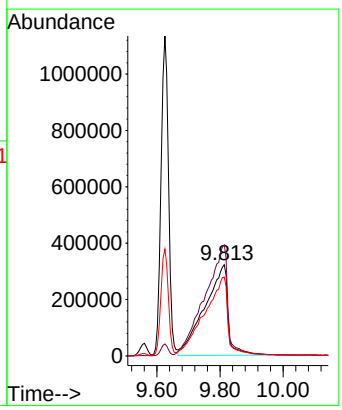
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

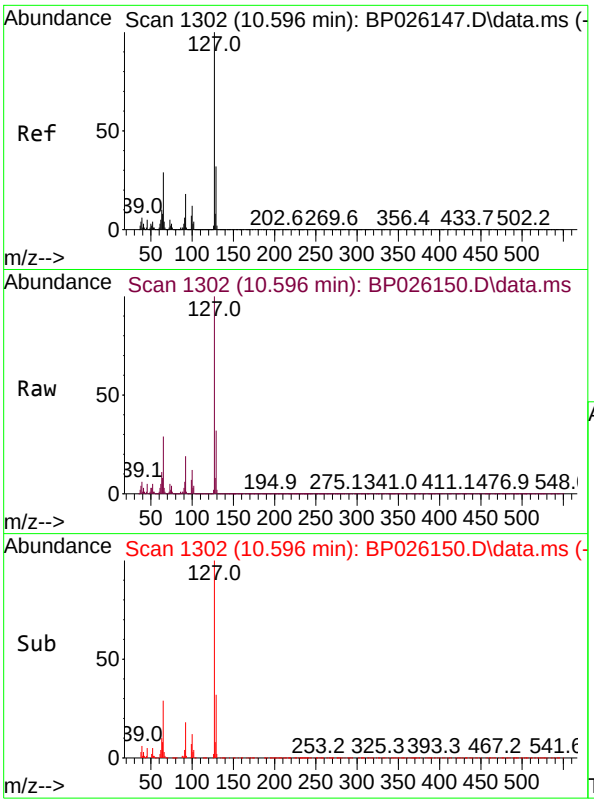


#32
Benzoic acid
Concen: 86.975 ng
RT: 9.813 min Scan# 1169
Delta R.T. 0.047 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:122 Resp: 1646676

Ion	Ratio	Lower	Upper
122	100		
105	121.8	100.1	140.1
77	86.5	66.7	106.7

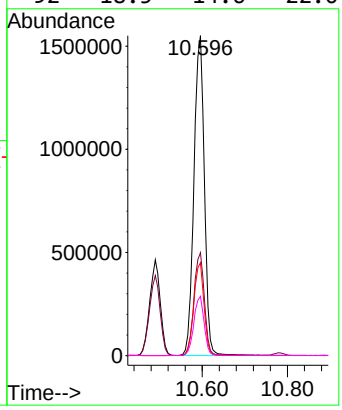




#33
4-Chloroaniline
Concen: 79.361 ng
RT: 10.596 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:127 Resp: 264073

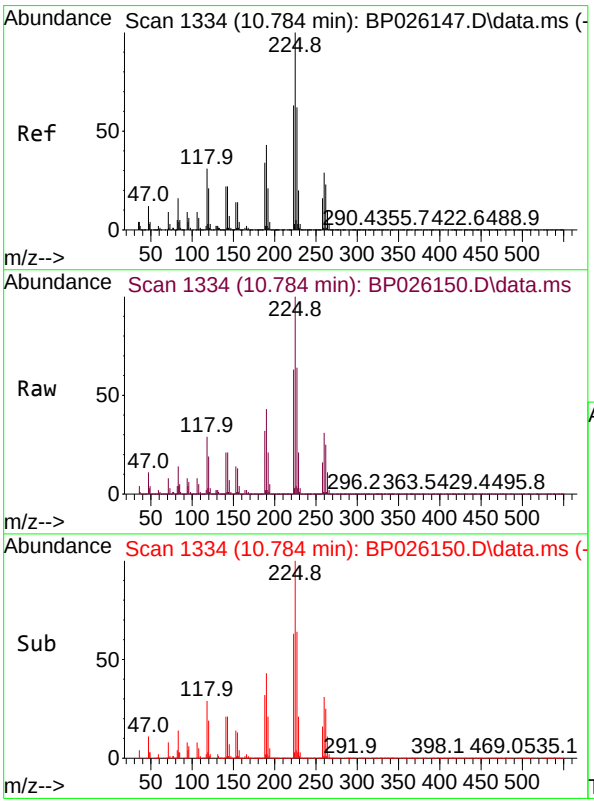
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.8	38.8
65	29.0	22.7	34.1
92	18.5	14.6	22.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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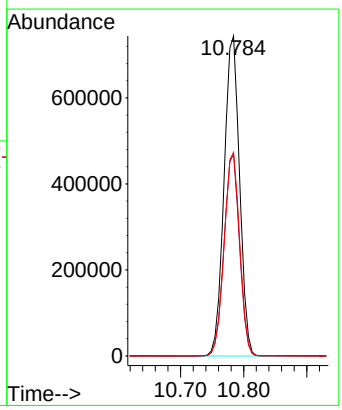
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

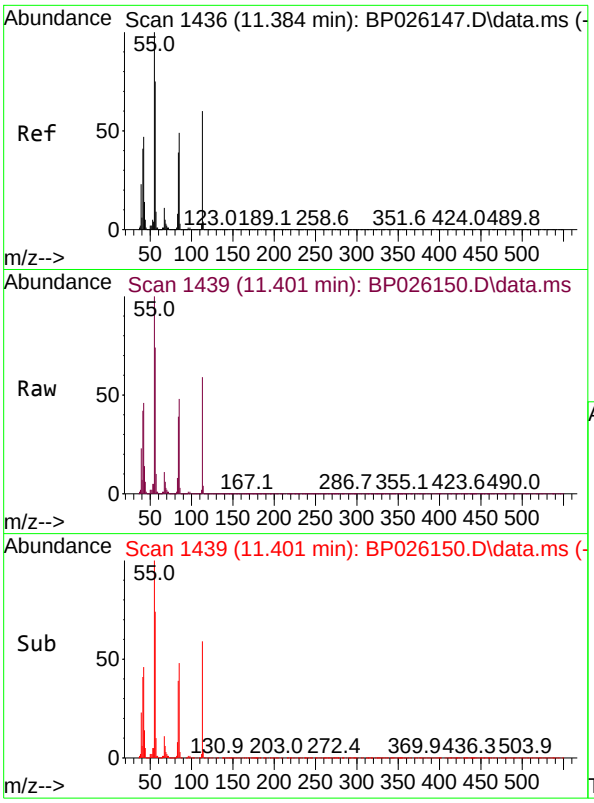


#34
Hexachlorobutadiene
Concen: 81.448 ng
RT: 10.784 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:225 Resp: 1266129

Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.6	74.4
227	63.6	51.2	76.8

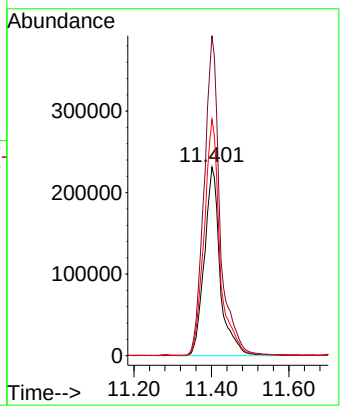




#35
Caprolactam
Concen: 77.424 ng
RT: 11.401 min Scan# 14
Delta R.T. 0.024 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:113 Resp: 65366

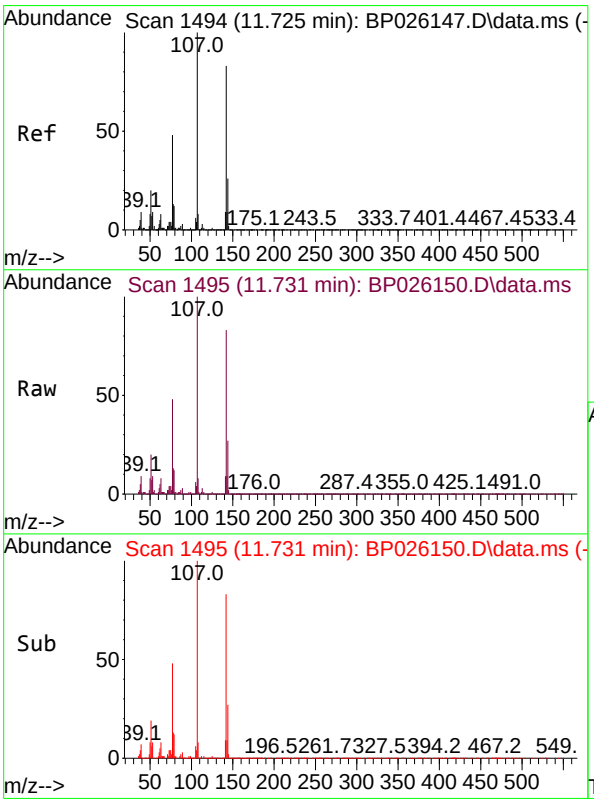
Ion	Ratio	Lower	Upper
113	100		
55	169.9	153.0	193.0
56	125.4	106.4	146.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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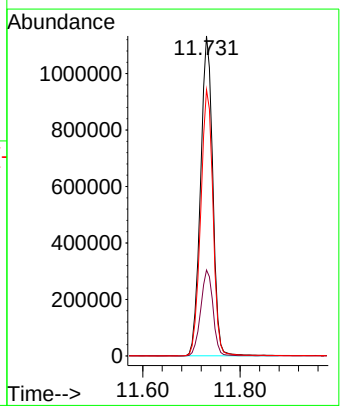
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

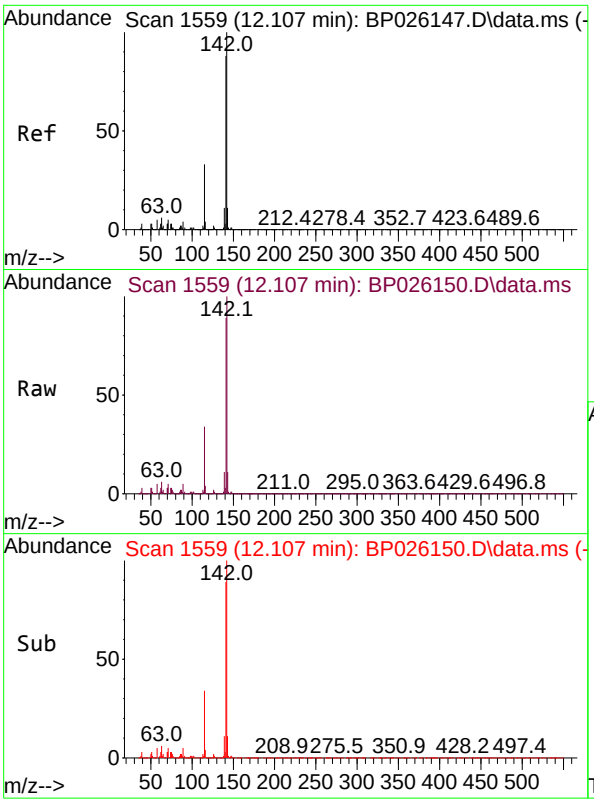


#36
4-Chloro-3-methylphenol
Concen: 79.070 ng
RT: 11.731 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:107 Resp: 1972354

Ion	Ratio	Lower	Upper
107	100		
144	26.8	21.6	32.4
142	83.2	65.6	98.4

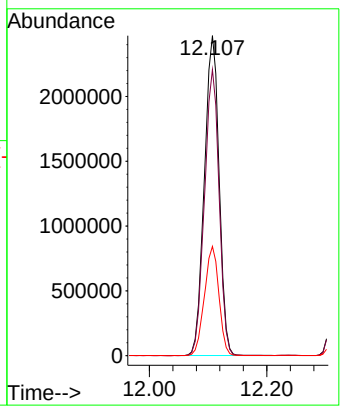




#37
2-Methylnaphthalene
Concen: 77.446 ng
RT: 12.107 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:142 Resp: 429711

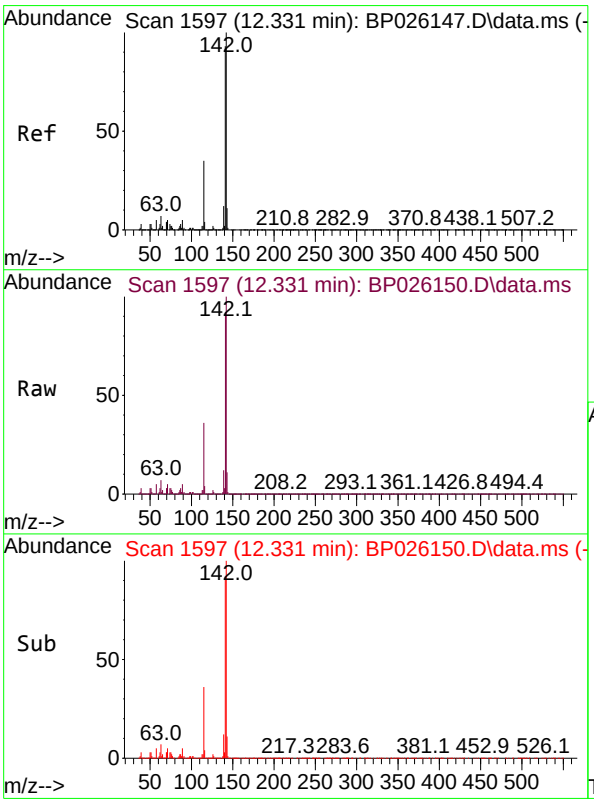
Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.0	106.6
115	34.1	26.6	39.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

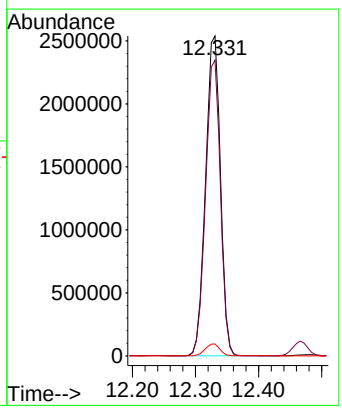
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

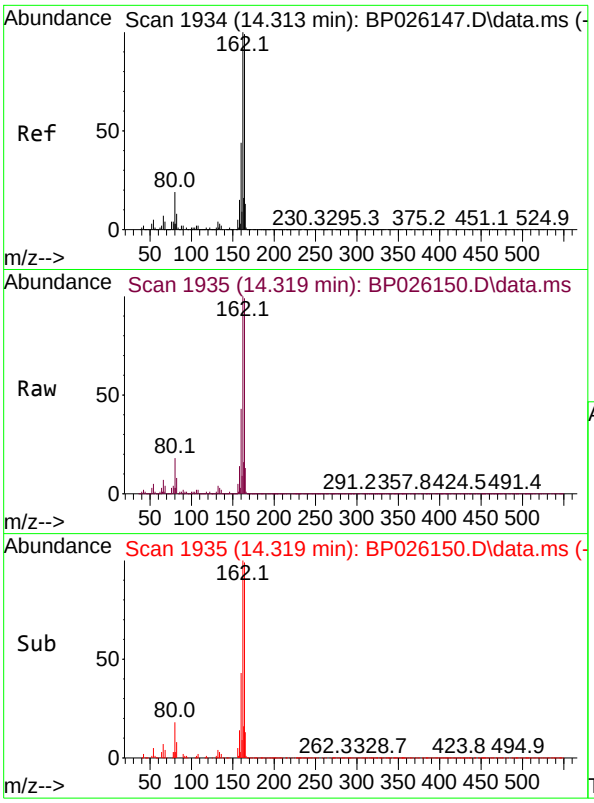


#38
1-Methylnaphthalene
Concen: 76.467 ng
RT: 12.331 min Scan# 1597
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:142 Resp: 4151377

Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.5	110.3
116	3.7	3.0	4.4

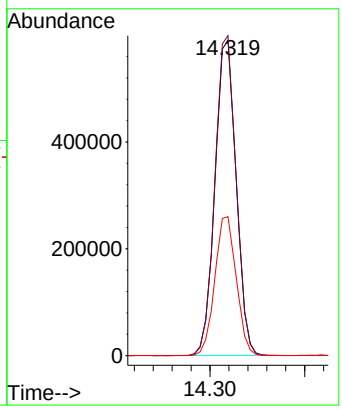




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.319 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:164 Resp: 91625

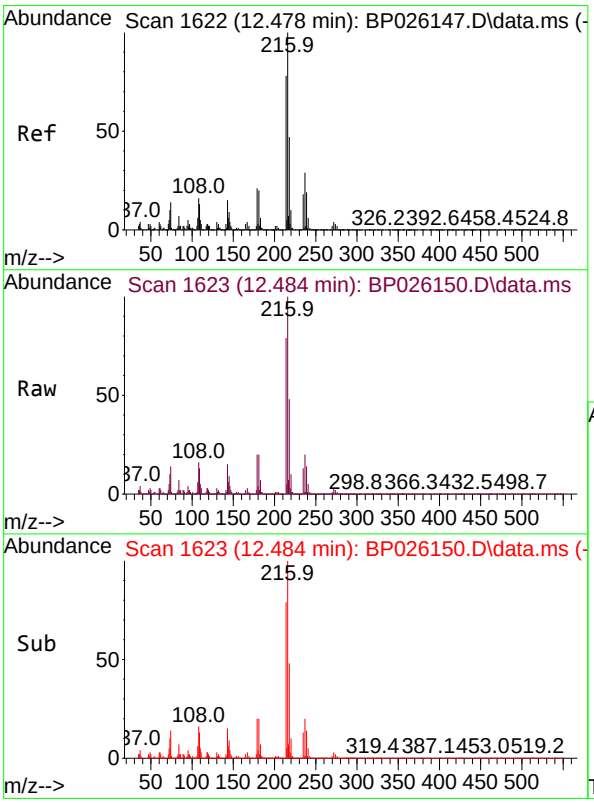
Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.3	120.5
160	44.1	35.2	52.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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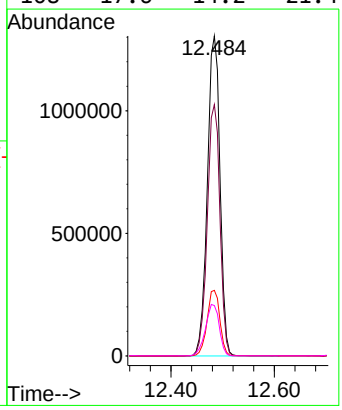
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

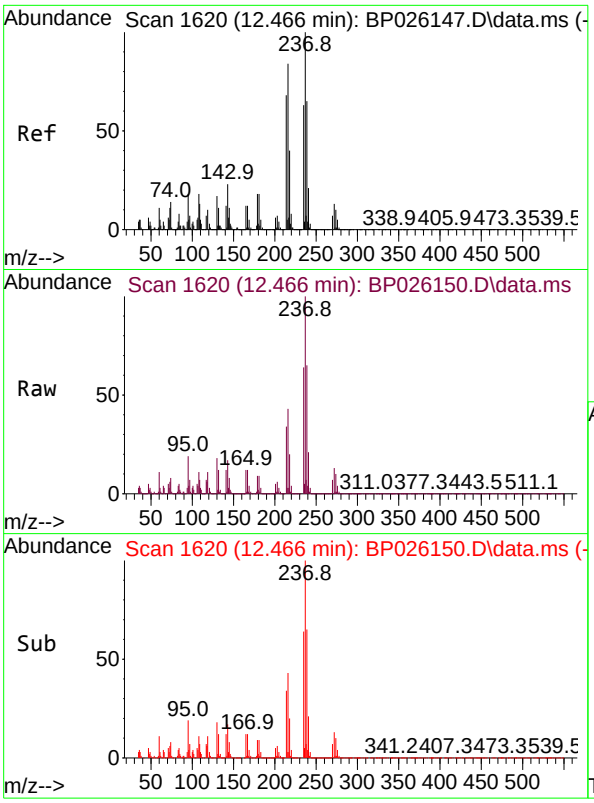


#40
1,2,4,5-Tetrachlorobenzene
Concen: 79.984 ng
RT: 12.484 min Scan# 1623
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:216 Resp: 2208451

Ion	Ratio	Lower	Upper
216	100		
214	78.7	62.6	94.0
179	20.7	16.6	25.0
108	17.6	14.2	21.4

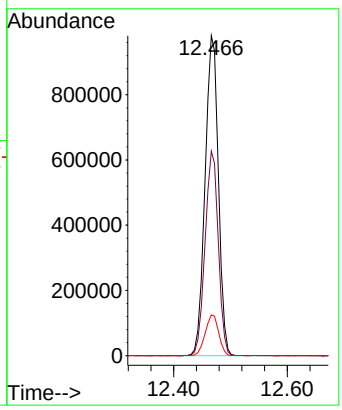




#41
Hexachlorocyclopentadiene
Concen: 88.626 ng
RT: 12.466 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:237 Resp: 159719

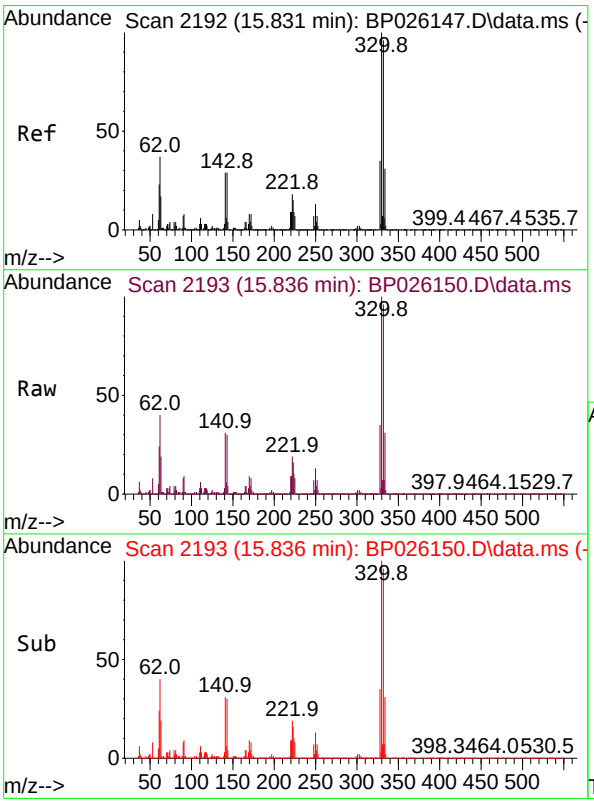
Ion	Ratio	Lower	Upper
237	100		
235	63.9	43.3	83.3
272	12.7	0.0	32.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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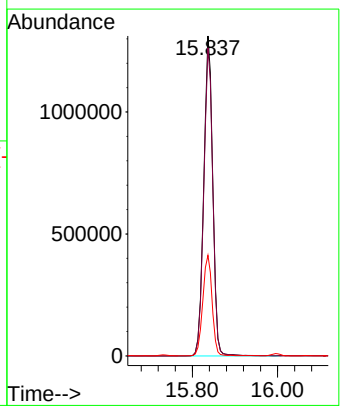
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

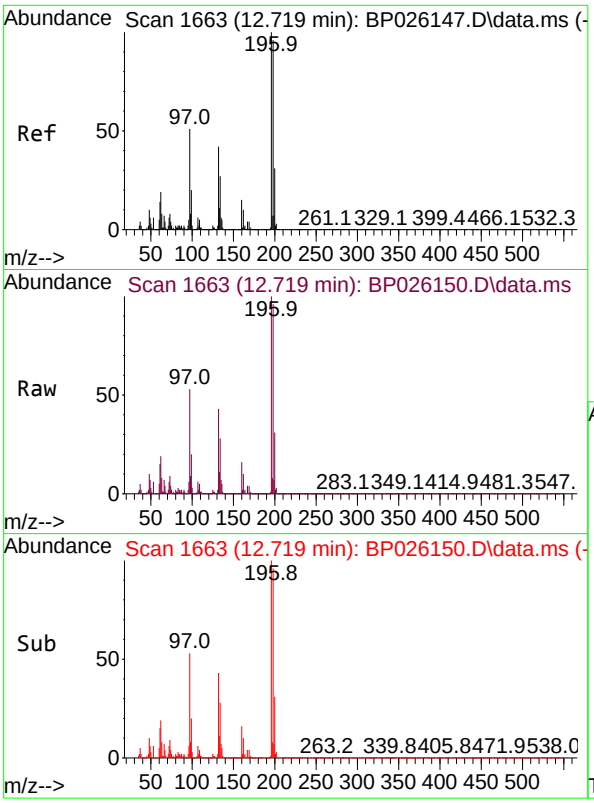


#42
2,4,6-Tribromophenol
Concen: 161.460 ng
RT: 15.836 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:330 Resp: 1917042

Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.0	117.0
141	32.5	26.8	40.2

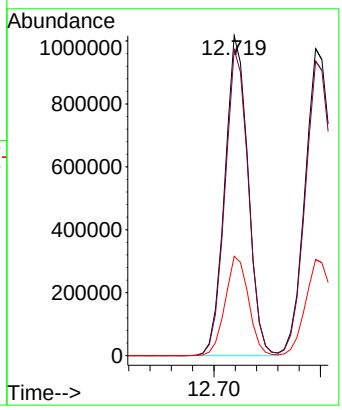




#43
2,4,6-Trichlorophenol
Concen: 81.106 ng
RT: 12.719 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:196 Resp: 154109

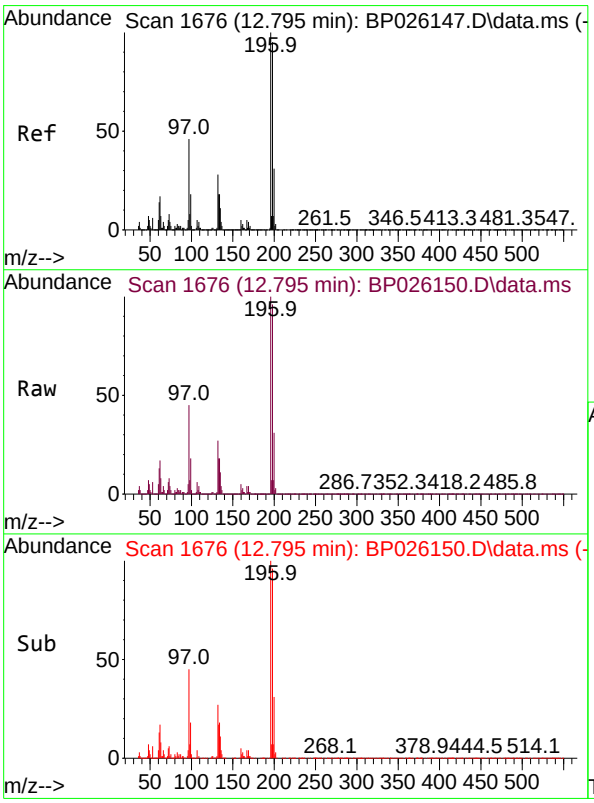
Ion	Ratio	Lower	Upper
196	100		
198	95.6	76.9	115.3
200	31.0	24.6	37.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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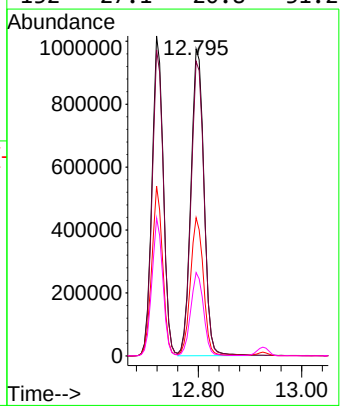
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

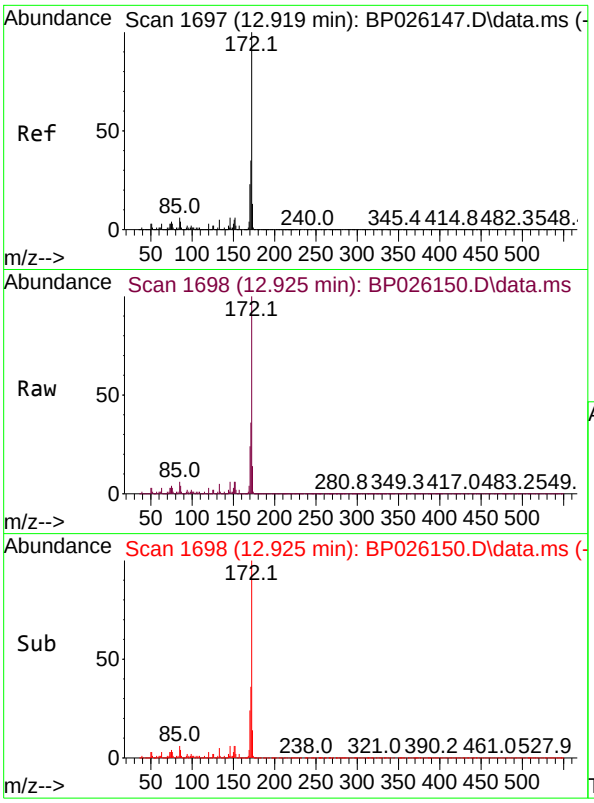


#44
2,4,5-Trichlorophenol
Concen: 80.887 ng
RT: 12.795 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:196 Resp: 1713807

Ion	Ratio	Lower	Upper
196	100		
198	95.9	76.4	114.6
97	45.0	35.7	53.5
132	27.1	20.8	31.2

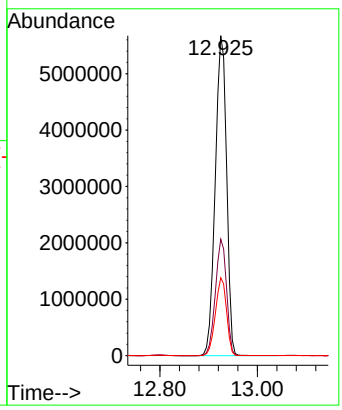




#45
2-Fluorobiphenyl
Concen: 145.791 ng
RT: 12.925 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:172 Resp: 915626

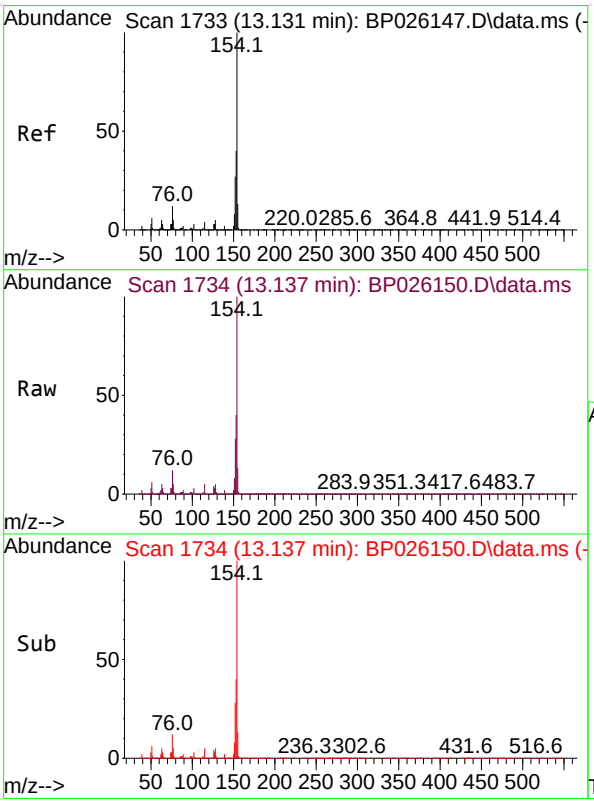
Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.2	42.4
170	24.3	18.7	28.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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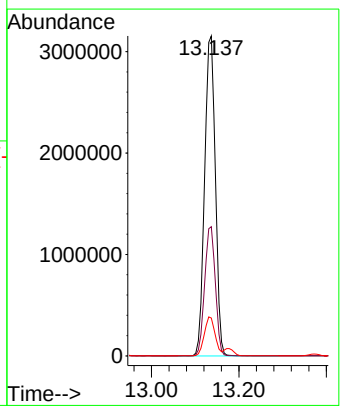
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

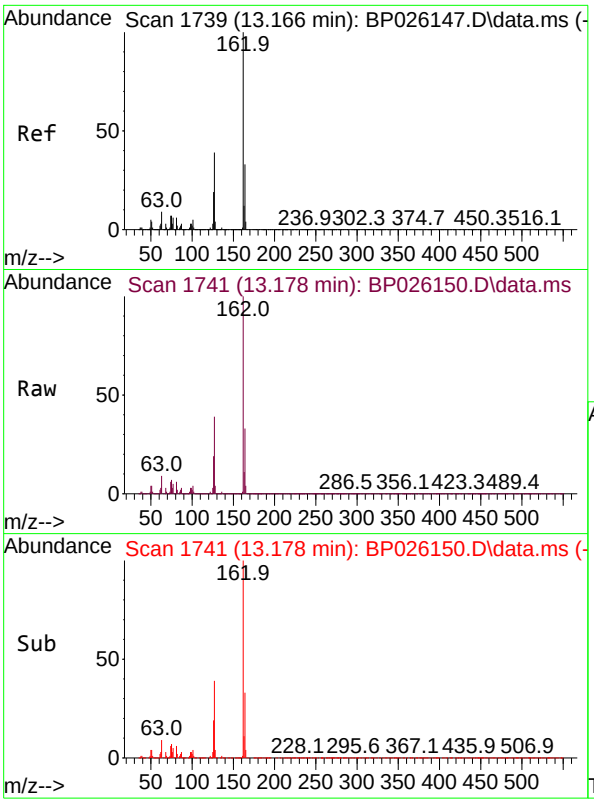


#46
1,1'-Biphenyl
Concen: 77.807 ng
RT: 13.137 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:154 Resp: 5350939

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.3	60.3
76	11.8	0.0	32.3

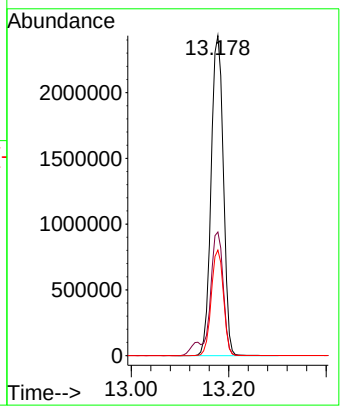




#47
2-Chloronaphthalene
Concen: 78.776 ng
RT: 13.178 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:162 Resp: 425927

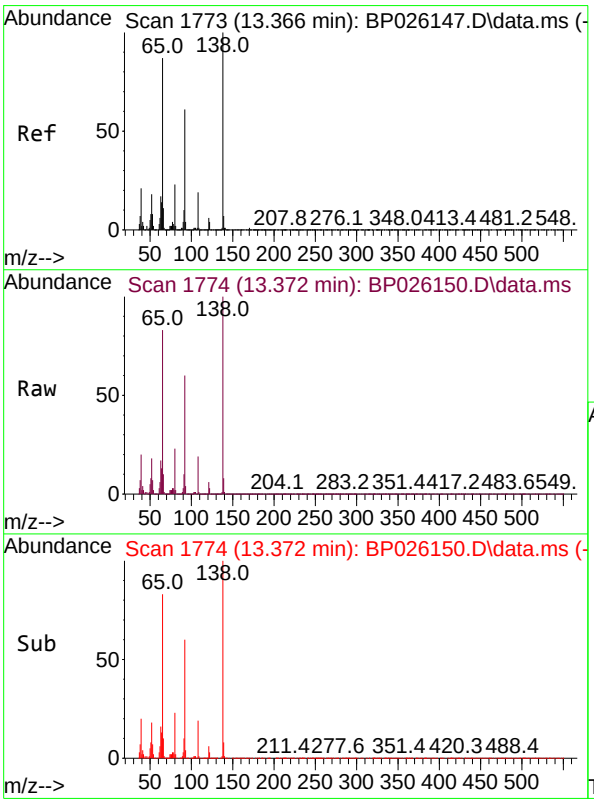
Ion	Ratio	Lower	Upper
162	100		
127	38.6	30.9	46.3
164	33.0	26.4	39.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

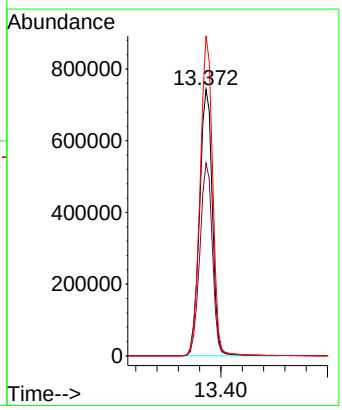
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

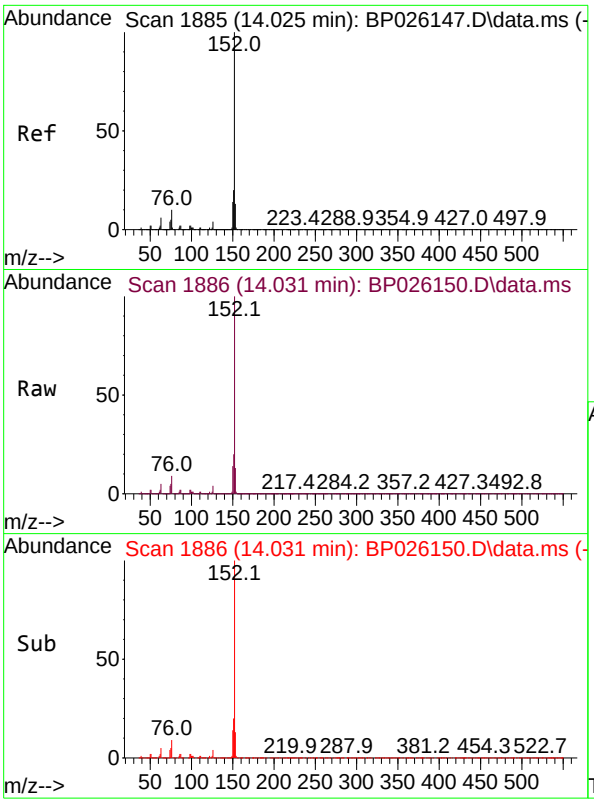


#48
2-Nitroaniline
Concen: 82.186 ng
RT: 13.372 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 65 Resp: 1240952

Ion	Ratio	Lower	Upper
65	100		
92	72.3	59.1	88.7
138	120.1	96.6	145.0

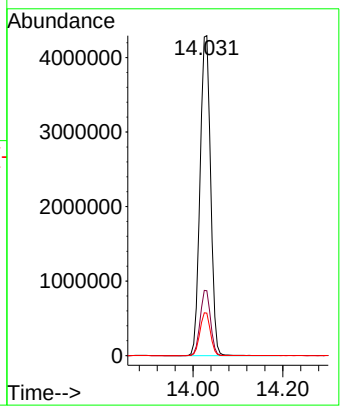




#49
Acenaphthylene
Concen: 78.077 ng
RT: 14.031 min Scan# 18
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:152 Resp: 698460

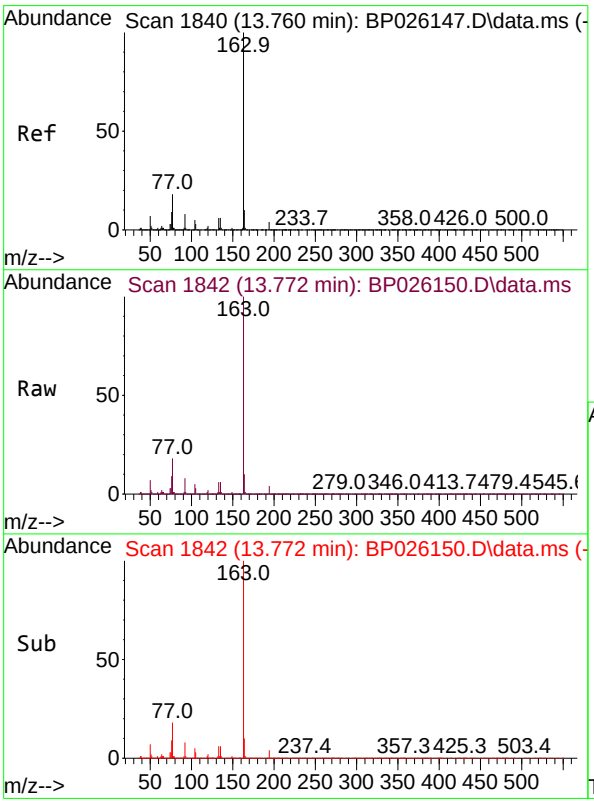
Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.8	23.8
153	13.3	10.6	16.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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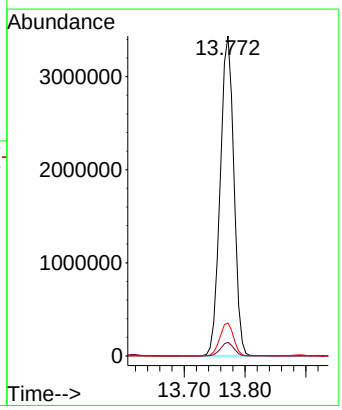
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

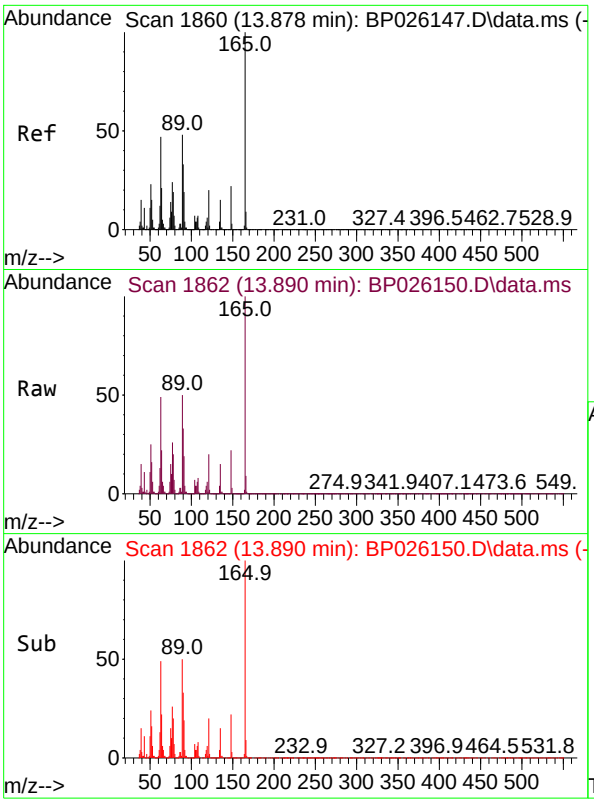


#50
Dimethylphthalate
Concen: 78.482 ng
RT: 13.772 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:163 Resp: 5358389

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.3	8.2	12.2

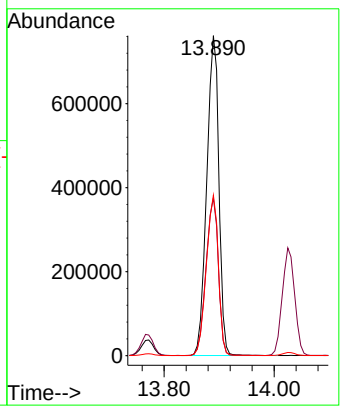




#51
2,6-Dinitrotoluene
Concen: 86.521 ng
RT: 13.890 min Scan# 18
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:165 Resp: 116822

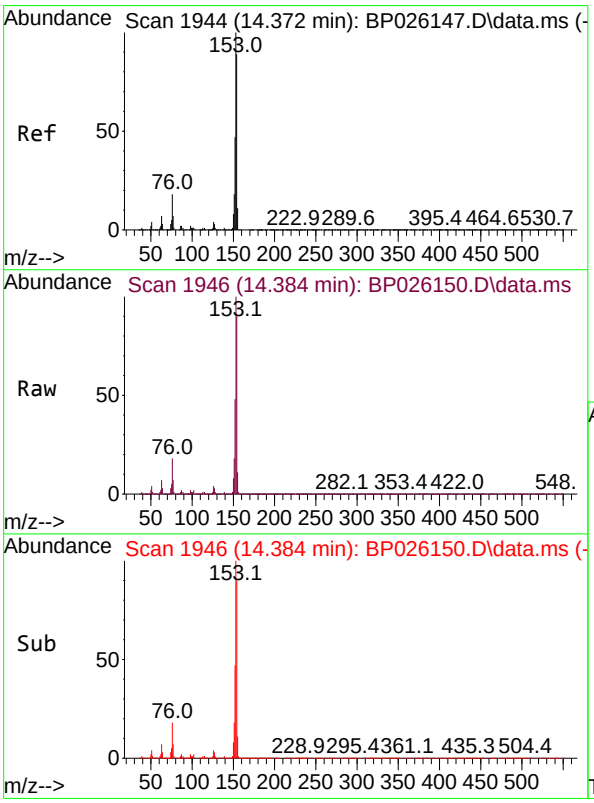
Ion	Ratio	Lower	Upper
165	100		
63	49.2	40.5	60.7
89	50.1	41.3	61.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

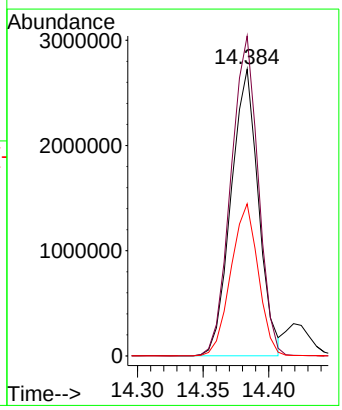
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

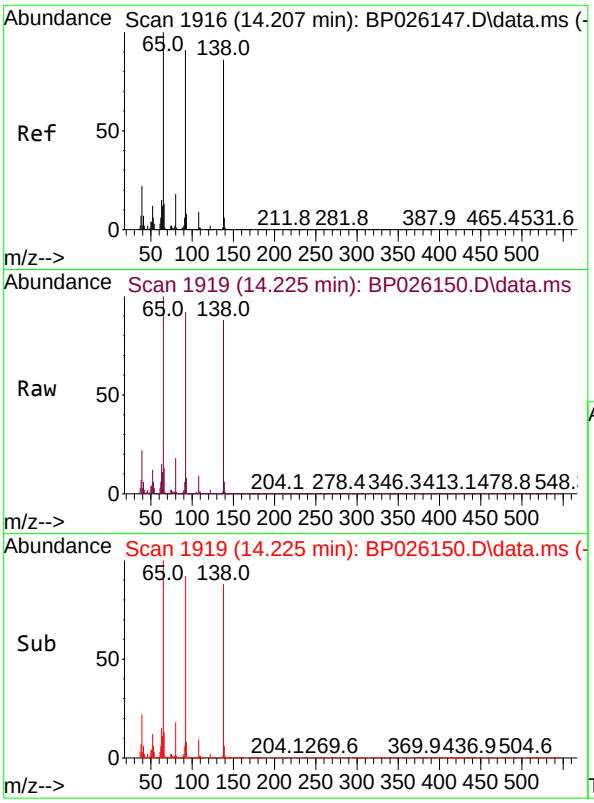


#52
Acenaphthene
Concen: 75.720 ng
RT: 14.384 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:154 Resp: 3961645

Ion	Ratio	Lower	Upper
154	100		
153	111.6	90.7	136.1
152	53.1	42.8	64.2

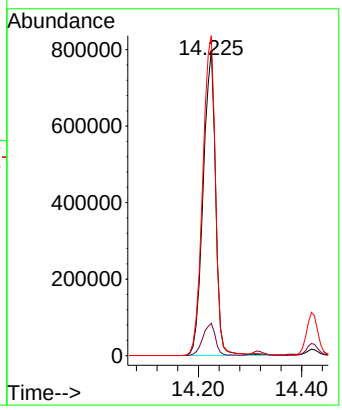




#53
3-Nitroaniline
Concen: 83.269 ng
RT: 14.225 min Scan# 19
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:138 Resp: 132819

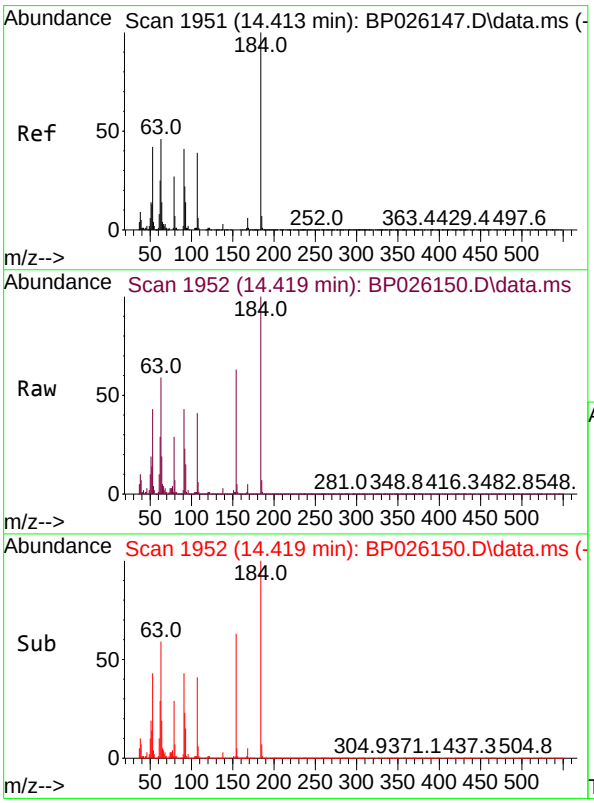
Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.9	13.3
92	104.8	86.3	129.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

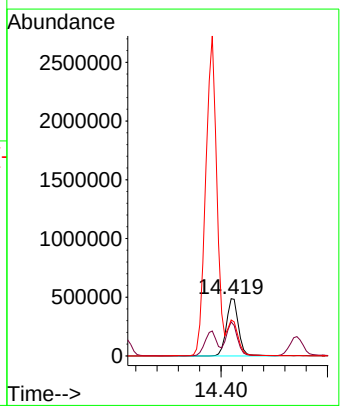
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

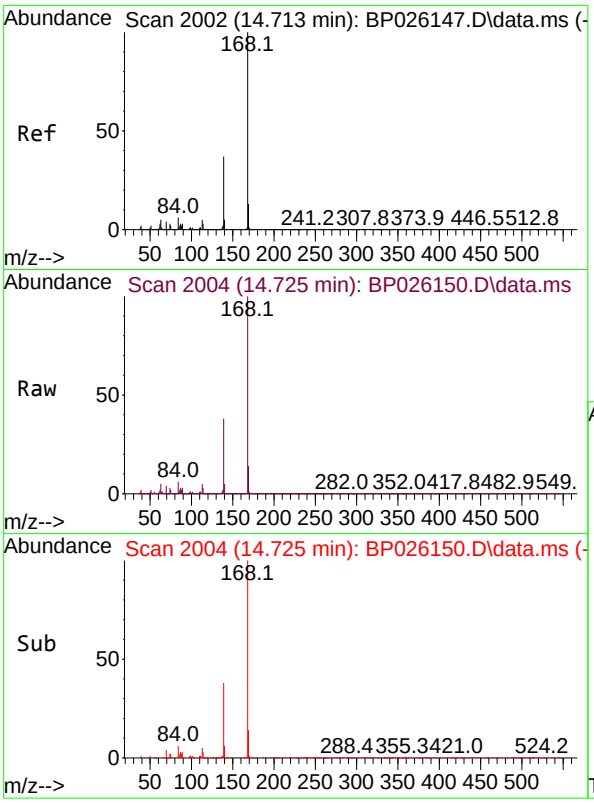


#54
2,4-Dinitrophenol
Concen: 94.087 ng
RT: 14.419 min Scan# 1952
Delta R.T. -0.012 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:184 Resp: 762088

Ion	Ratio	Lower	Upper
184	100		
63	59.3	43.1	64.7
154	62.7	49.5	74.3

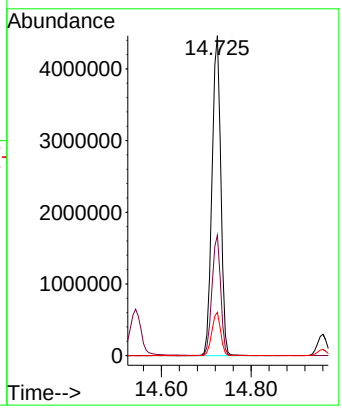




#55
Dibenzofuran
Concen: 74.160 ng
RT: 14.725 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:168 Resp: 606339

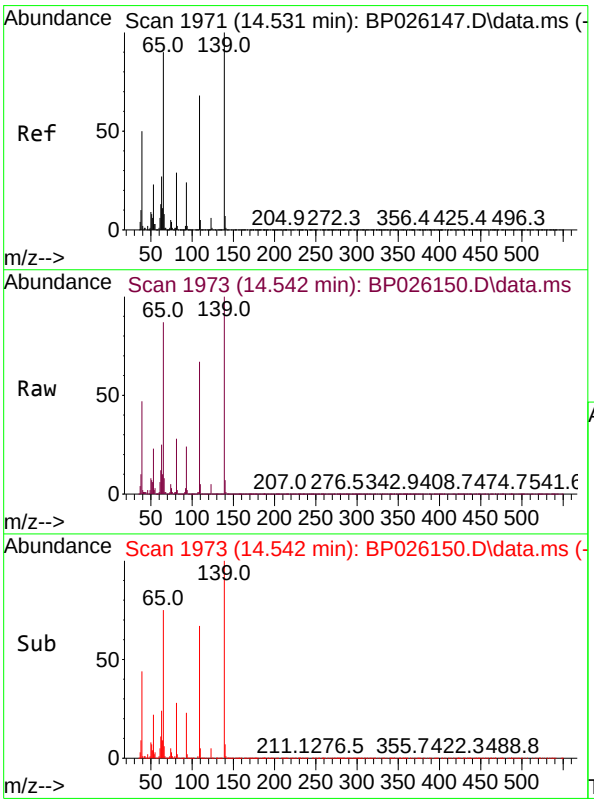
Ion	Ratio	Lower	Upper
168	100		
139	37.6	29.8	44.6
169	13.6	10.9	16.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

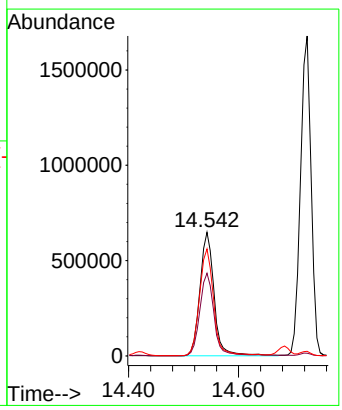
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

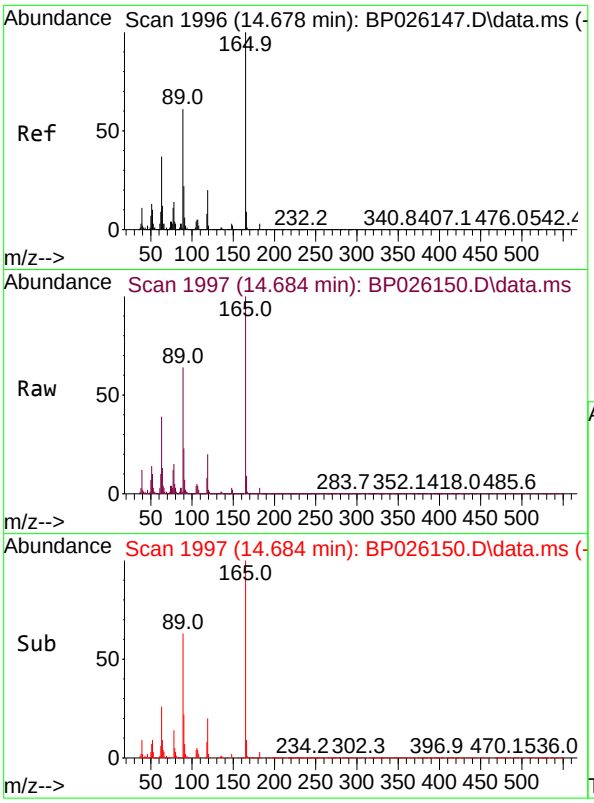


#56
4-Nitrophenol
Concen: 80.163 ng
RT: 14.542 min Scan# 1973
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:139 Resp: 1160755

Ion	Ratio	Lower	Upper
139	100		
109	66.8	46.8	86.8
65	86.6	69.3	109.3

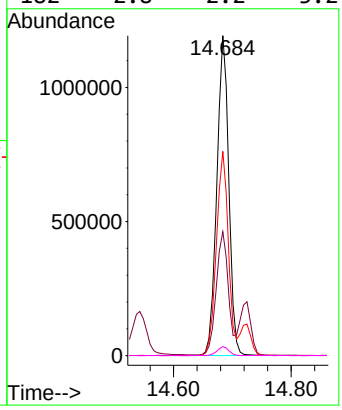




#57
2,4-Dinitrotoluene
Concen: 82.824 ng
RT: 14.684 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:165 Resp: 168117

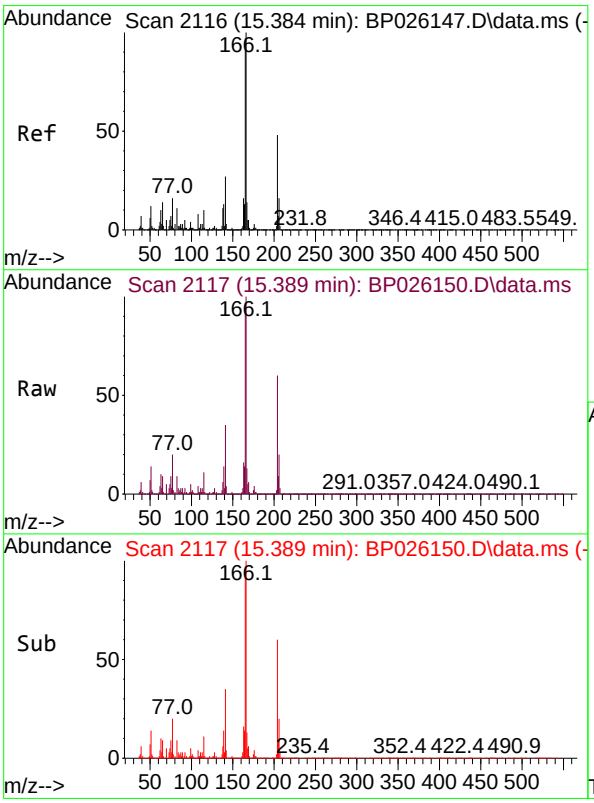
Ion	Ratio	Lower	Upper
165	100		
63	38.7	31.0	46.6
89	63.8	51.7	77.5
182	2.8	2.2	3.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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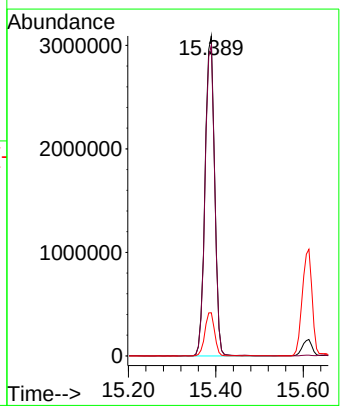
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

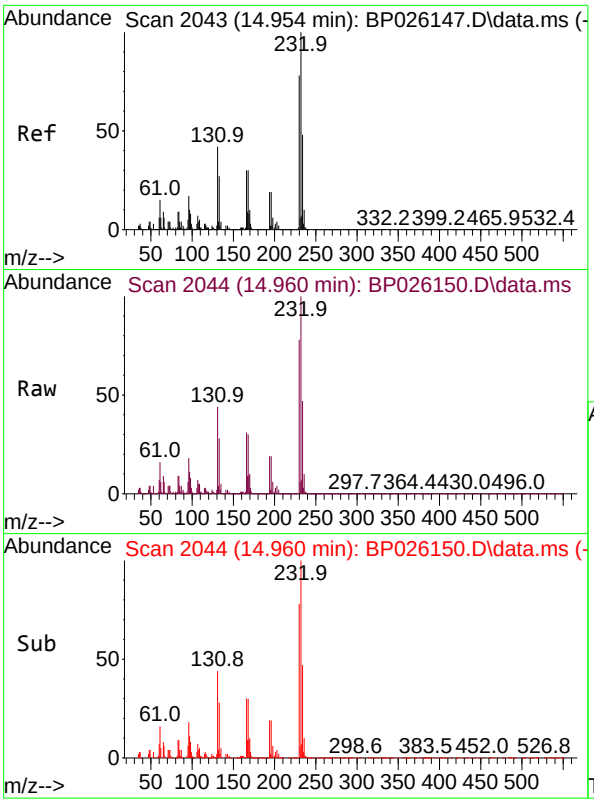


#58
Fluorene
Concen: 71.825 ng
RT: 15.389 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:166 Resp: 4642250

Ion	Ratio	Lower	Upper
166	100		
165	97.0	77.9	116.9
167	13.5	11.0	16.4

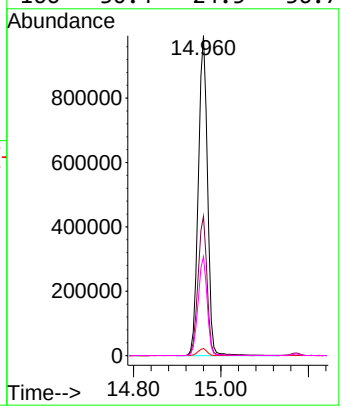




#59
2,3,4,6-Tetrachlorophenol
Concen: 80.377 ng
RT: 14.960 min Scan# 20
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:232 Resp: 144242

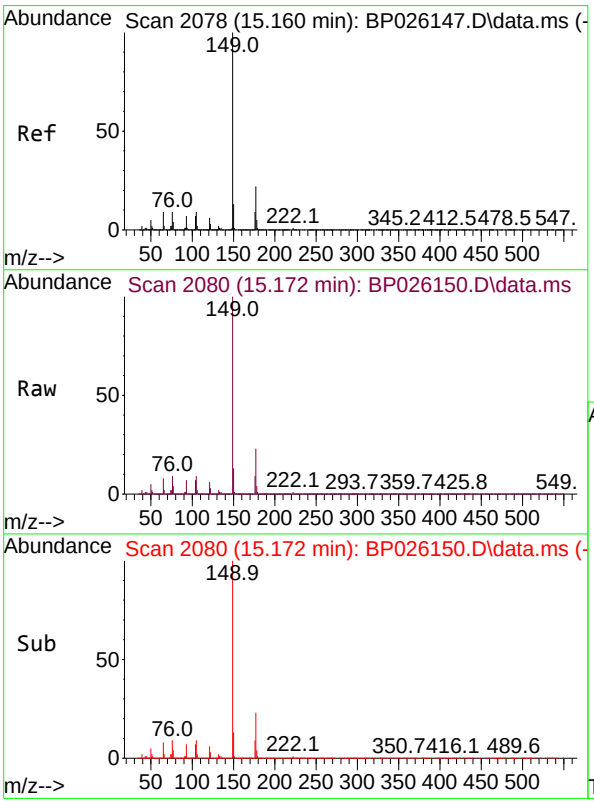
Ion	Ratio	Lower	Upper
232	100		
131	43.0	34.8	52.2
130	2.2	1.8	2.8
166	30.4	24.5	36.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

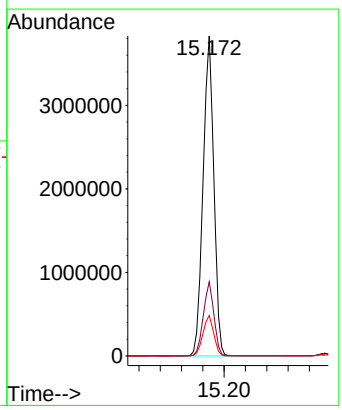
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

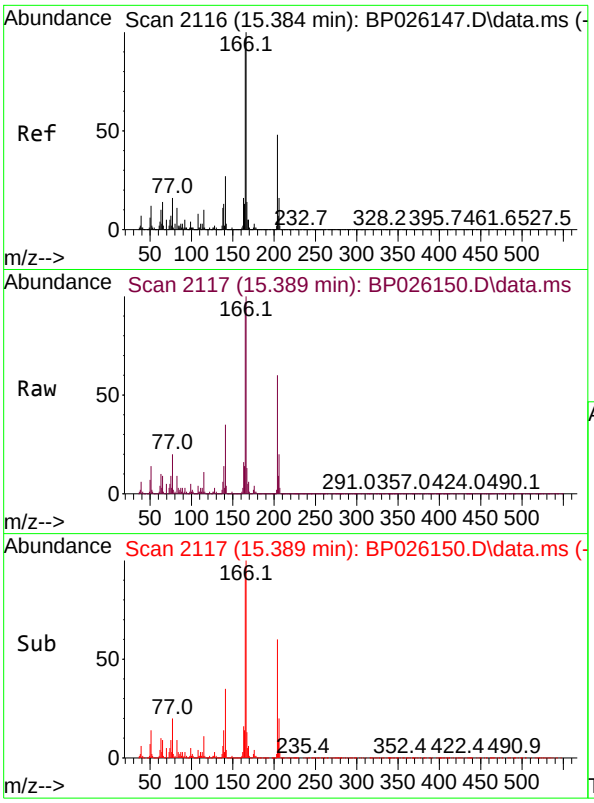


#60
Diethylphthalate
Concen: 77.587 ng
RT: 15.172 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:149 Resp: 5369309

Ion	Ratio	Lower	Upper
149	100		
177	23.2	17.9	26.9
150	12.7	9.9	14.9

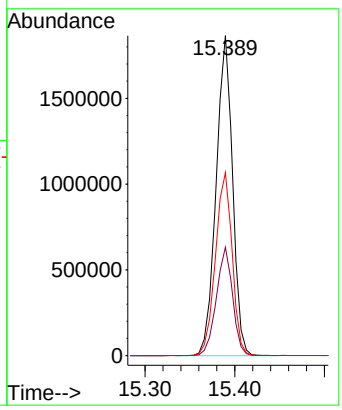




#61
4-Chlorophenyl-phenylether
Concen: 73.978 ng
RT: 15.389 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:204 Resp: 237338

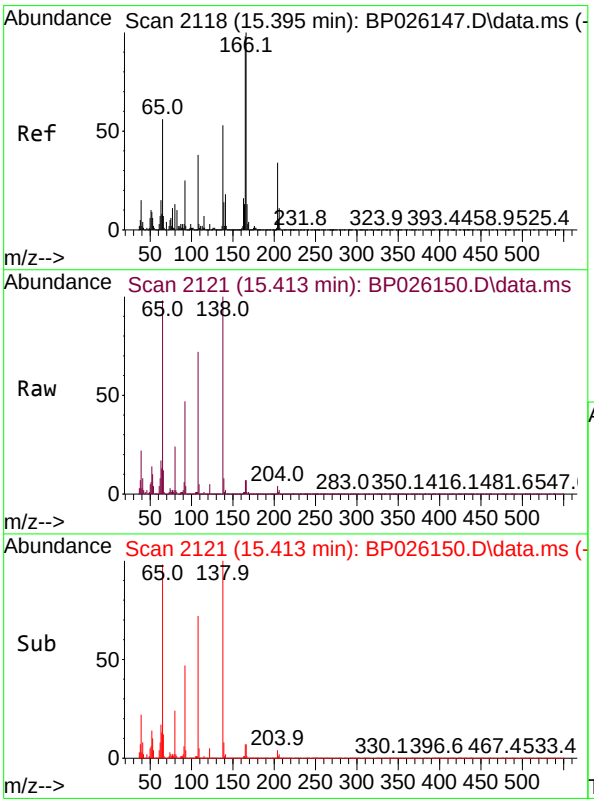
Ion	Ratio	Lower	Upper
204	100		
206	33.9	26.2	39.2
141	57.2	48.1	72.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

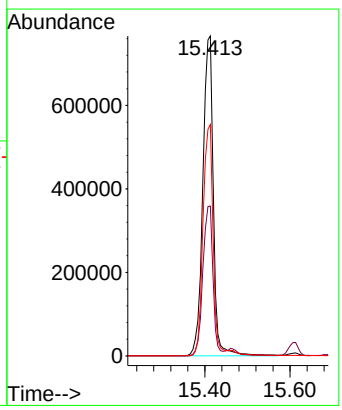
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

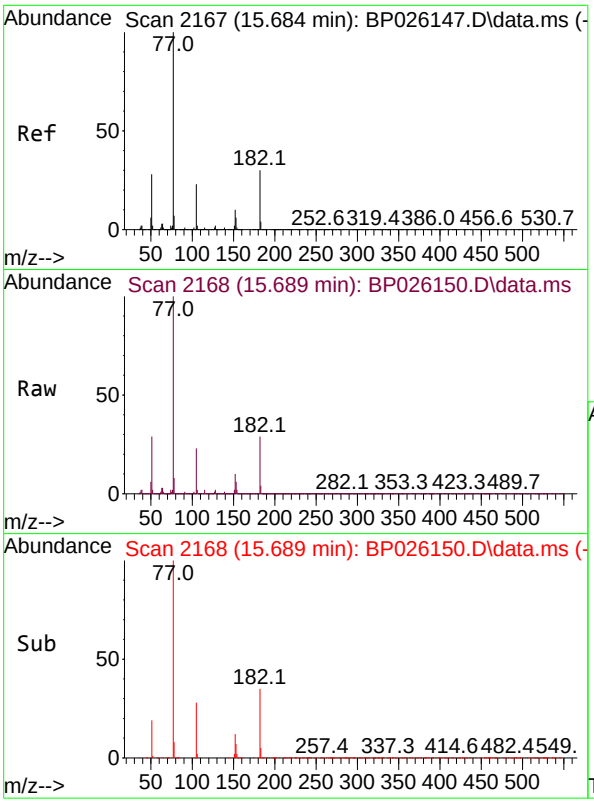


#62
4-Nitroaniline
Concen: 78.639 ng
RT: 15.413 min Scan# 2121
Delta R.T. 0.012 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:138 Resp: 1312938

Ion	Ratio	Lower	Upper
138	100		
92	46.8	27.5	67.5
108	72.3	51.1	91.1

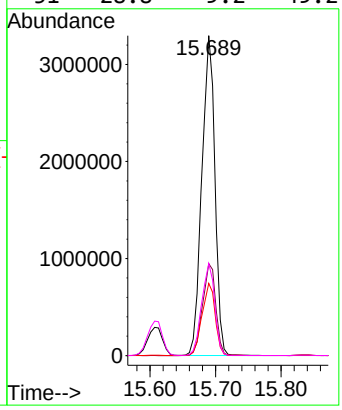




#63
Azobenzene
Concen: 78.140 ng
RT: 15.689 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 77 Resp: 454320

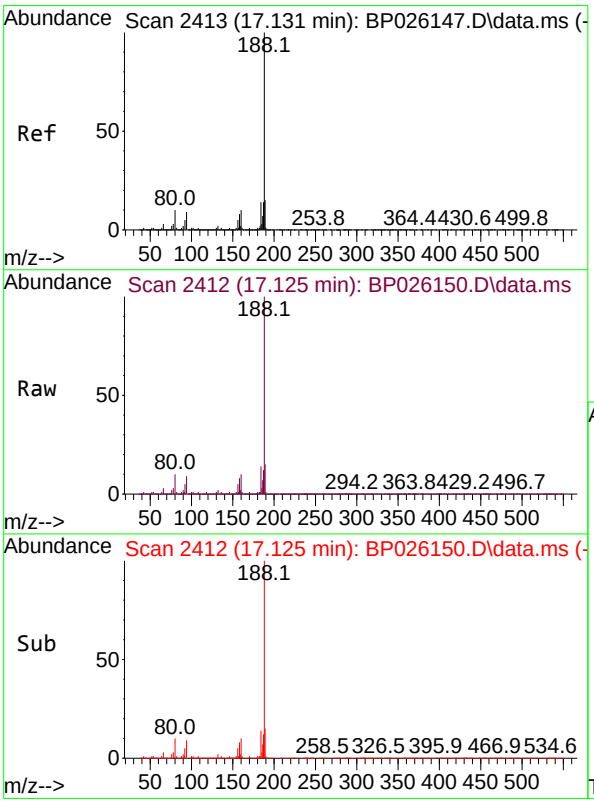
Ion	Ratio	Lower	Upper
77	100		
182	28.7	8.8	48.8
105	22.6	2.6	42.6
51	28.8	9.2	49.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

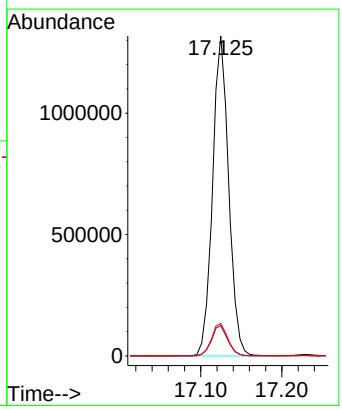
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

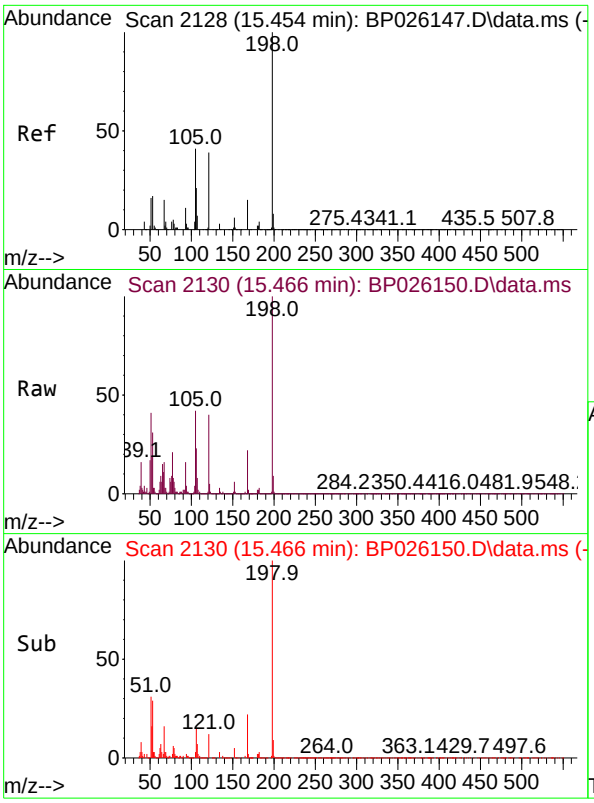


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:188 Resp: 1816815

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.8	11.6
80	10.1	8.2	12.2

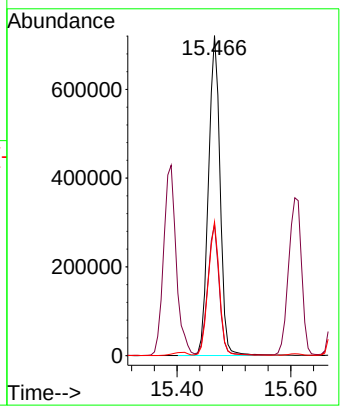




#65
4,6-Dinitro-2-methylphenol
Concen: 89.911 ng
RT: 15.466 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:198 Resp: 102796

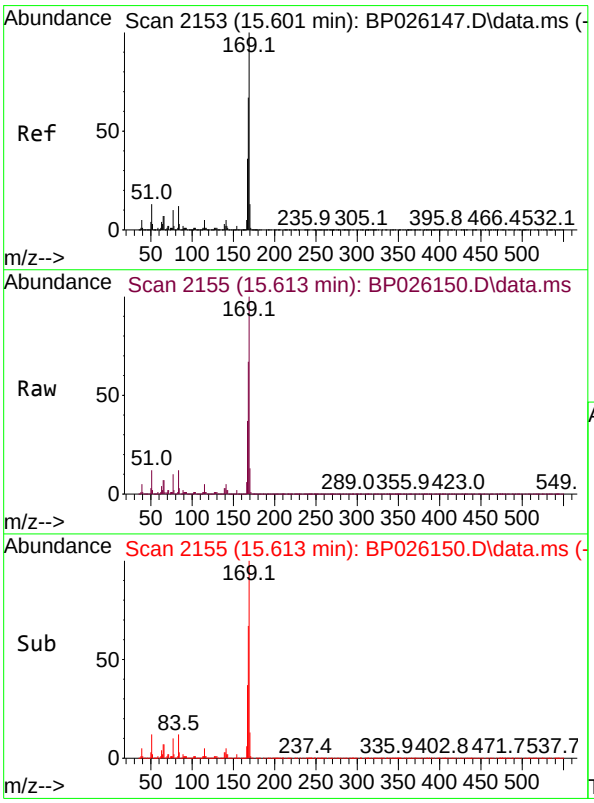
Ion	Ratio	Lower	Upper
198	100		
51	40.9	18.4	58.4
105	41.8	18.5	58.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

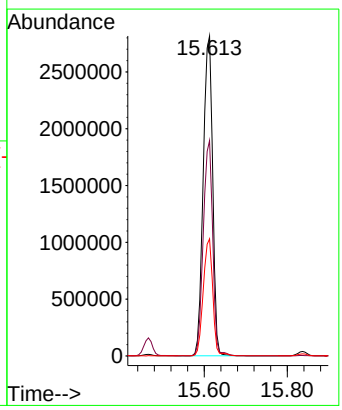
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

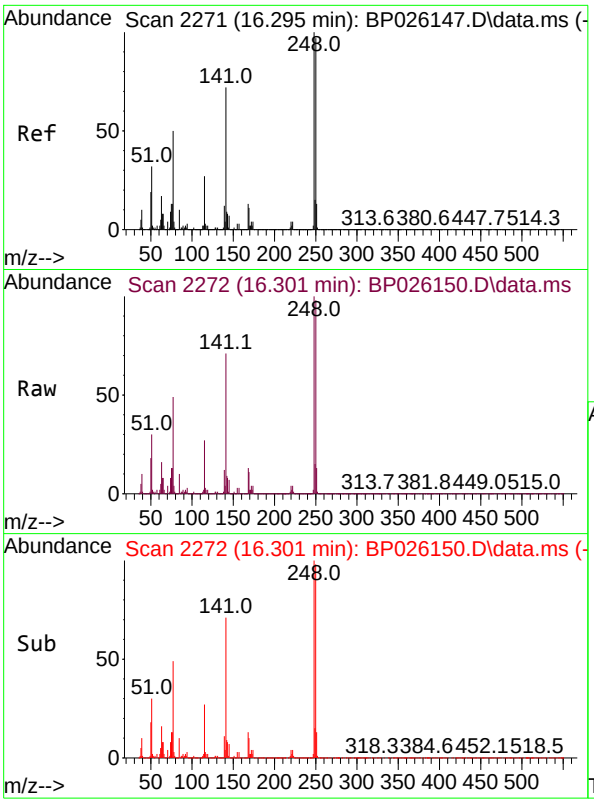


#66
n-Nitrosodiphenylamine
Concen: 78.838 ng
RT: 15.613 min Scan# 2155
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:169 Resp: 4431692

Ion	Ratio	Lower	Upper
169	100		
168	67.3	53.1	79.7
167	36.6	28.9	43.3

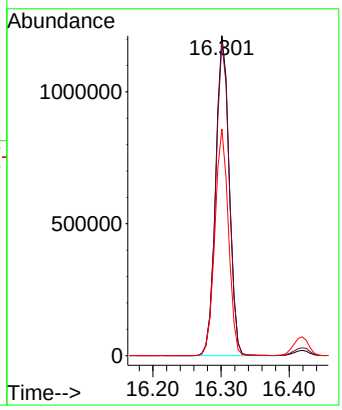




#67
4-Bromophenyl-phenylether
Concen: 82.958 ng
RT: 16.301 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:248 Resp: 166561

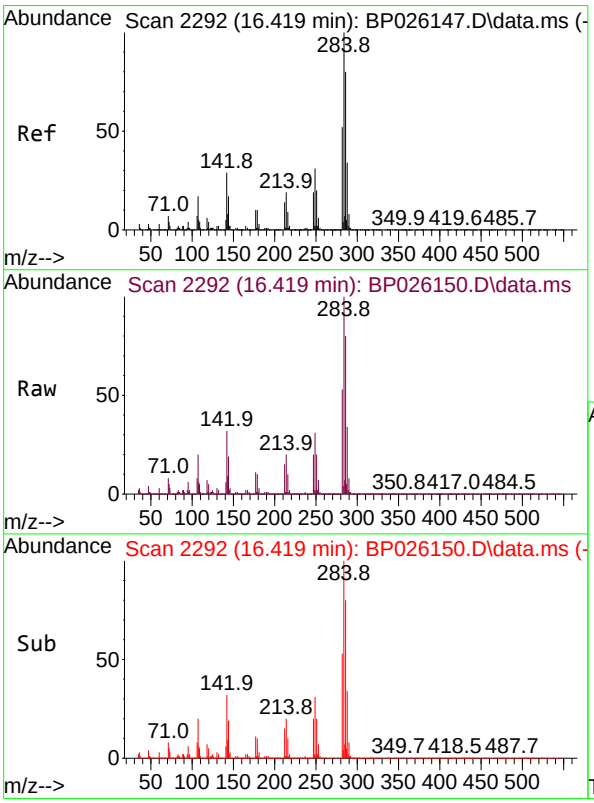
Ion	Ratio	Lower	Upper
248	100		
250	97.8	77.8	116.6
141	70.8	55.4	83.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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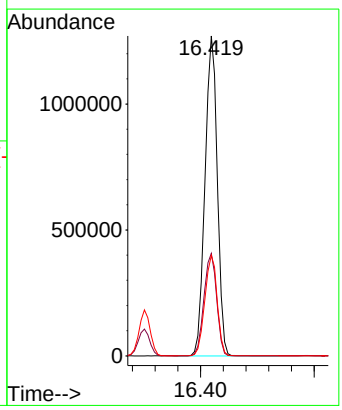
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

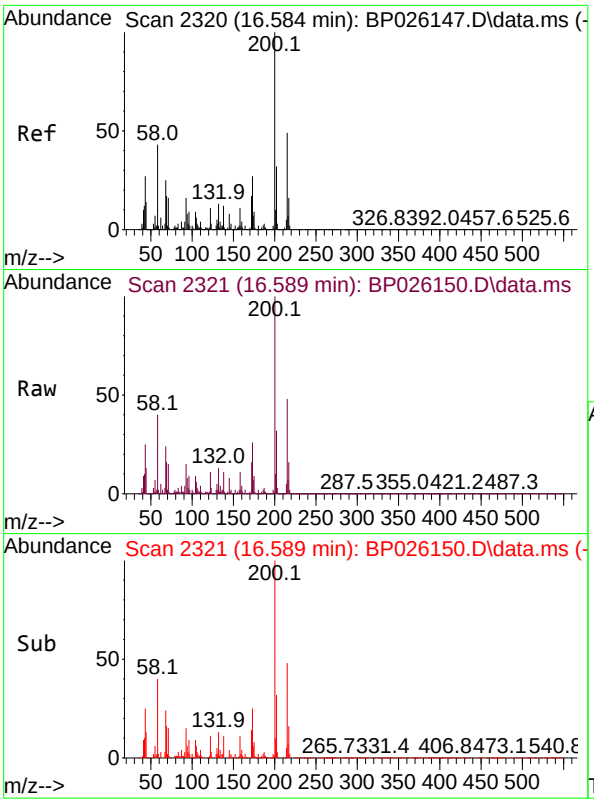


#68
Hexachlorobenzene
Concen: 82.547 ng
RT: 16.419 min Scan# 2292
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:284 Resp: 1914891

Ion	Ratio	Lower	Upper
284	100		
142	32.0	28.0	42.0
249	31.4	25.0	37.4

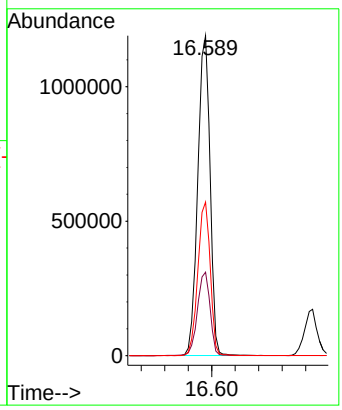




#69
Atrazine
Concen: 81.486 ng
RT: 16.589 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:200 Resp: 172486

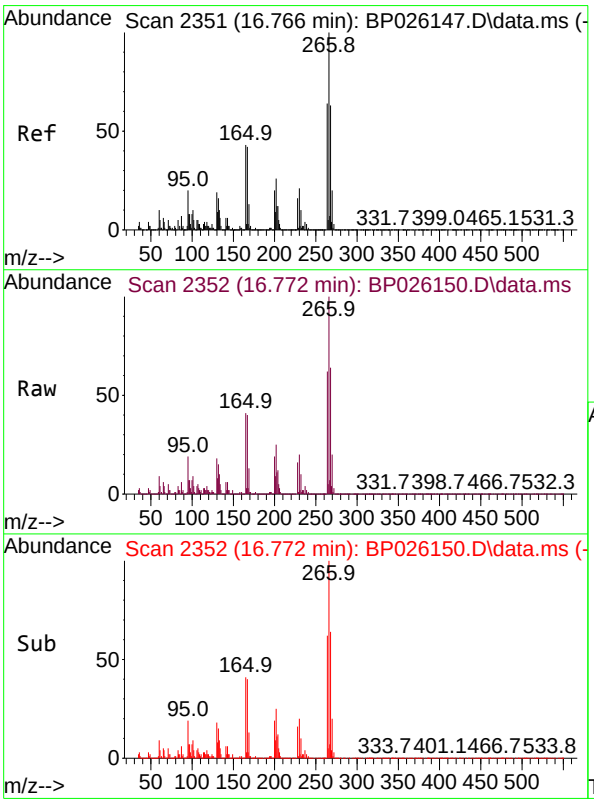
Ion	Ratio	Lower	Upper
200	100		
173	26.1	6.7	46.7
215	48.0	27.4	67.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

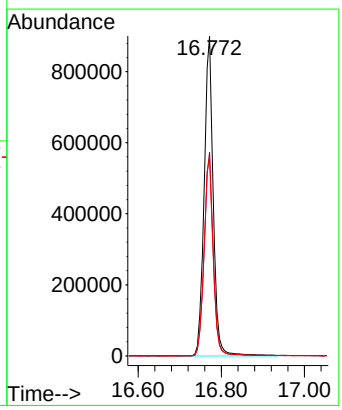
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

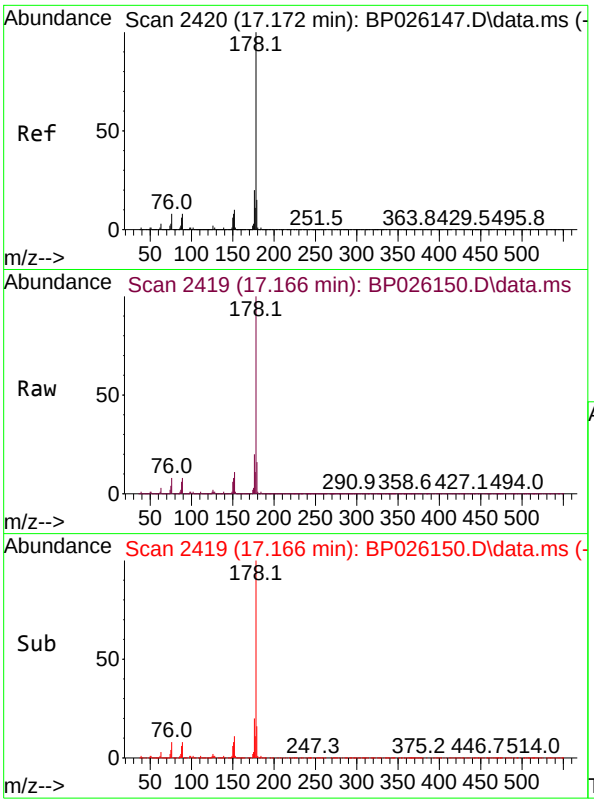


#70
Pentachlorophenol
Concen: 83.671 ng
RT: 16.772 min Scan# 2352
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:266 Resp: 1361754

Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.0	76.4
264	62.1	50.2	75.2





#71
Phenanthrene
Concen: 76.873 ng
RT: 17.166 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

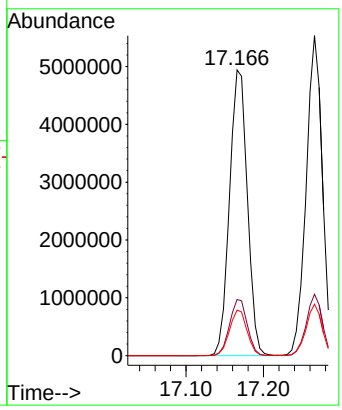
Tgt Ion:178 Resp: 790140

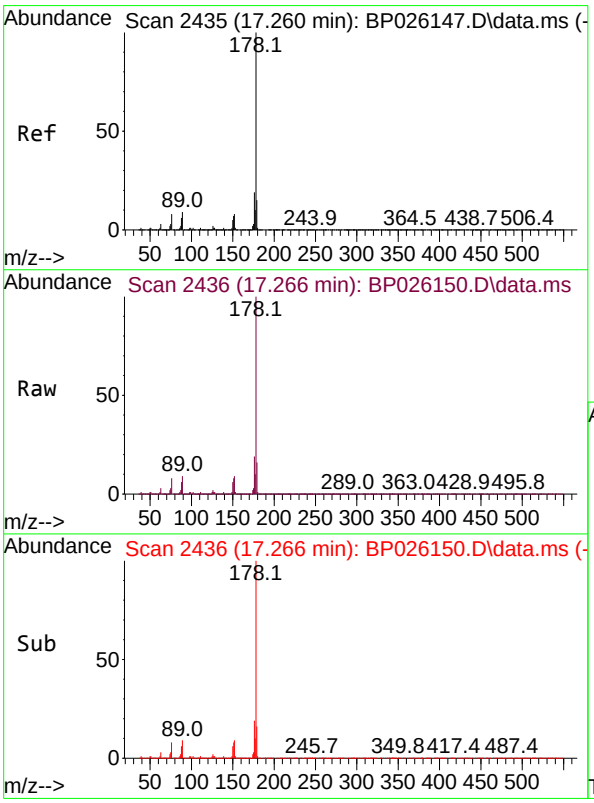
Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	15.9	12.4	18.6

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

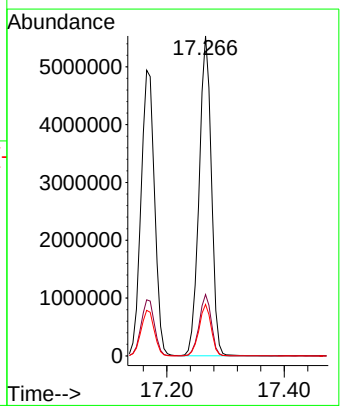


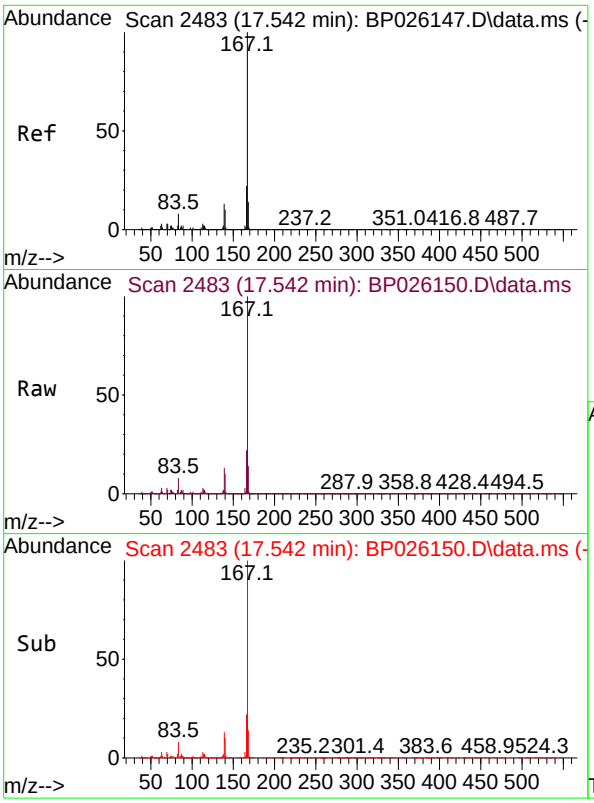


#72
Anthracene
Concen: 76.308 ng
RT: 17.266 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:178 Resp: 8010628

Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.8	22.2
179	16.1	12.2	18.4

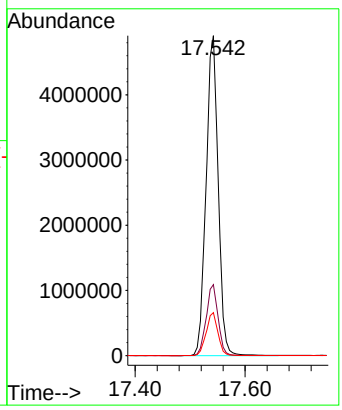




#73
Carbazole
Concen: 75.335 ng
RT: 17.542 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:167 Resp: 748175

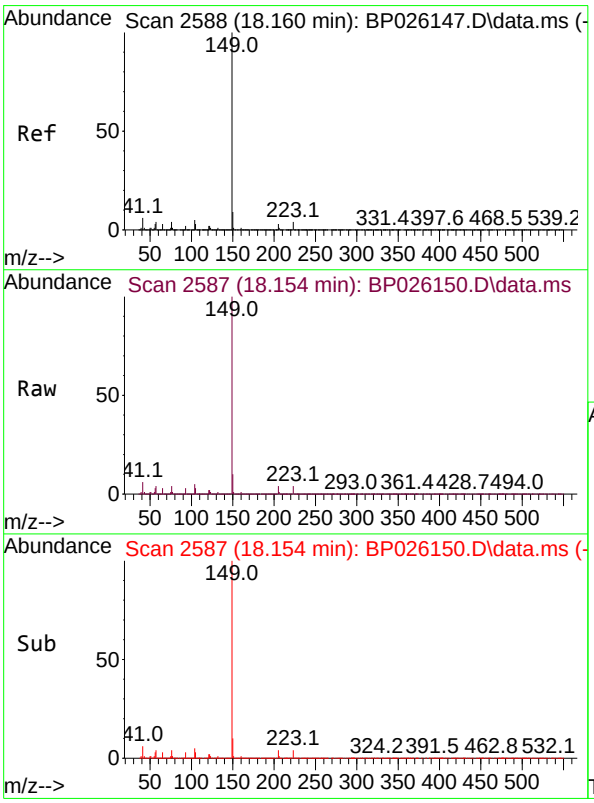
Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.1	25.7
139	13.4	10.2	15.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

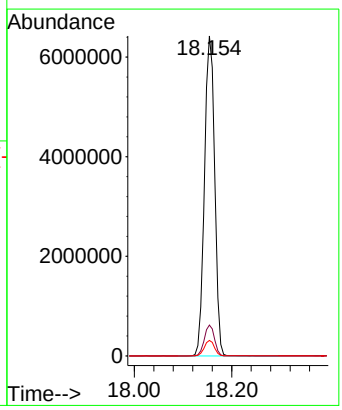
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

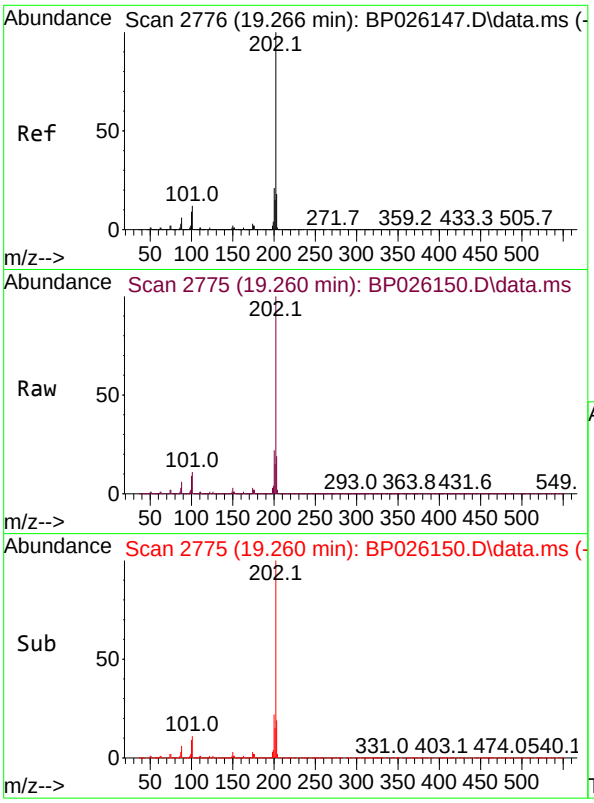


#74
Di-n-butylphthalate
Concen: 79.539 ng
RT: 18.154 min Scan# 2587
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:149 Resp: 9375432

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.5	11.3
104	4.8	3.6	5.4

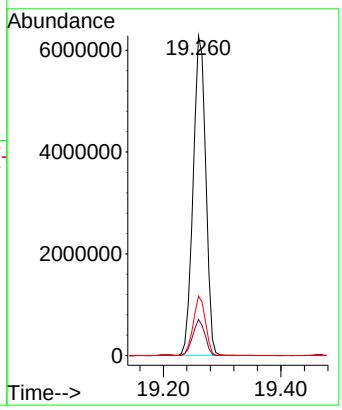




#75
Fluoranthene
Concen: 74.439 ng
RT: 19.260 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:202 Resp: 935156

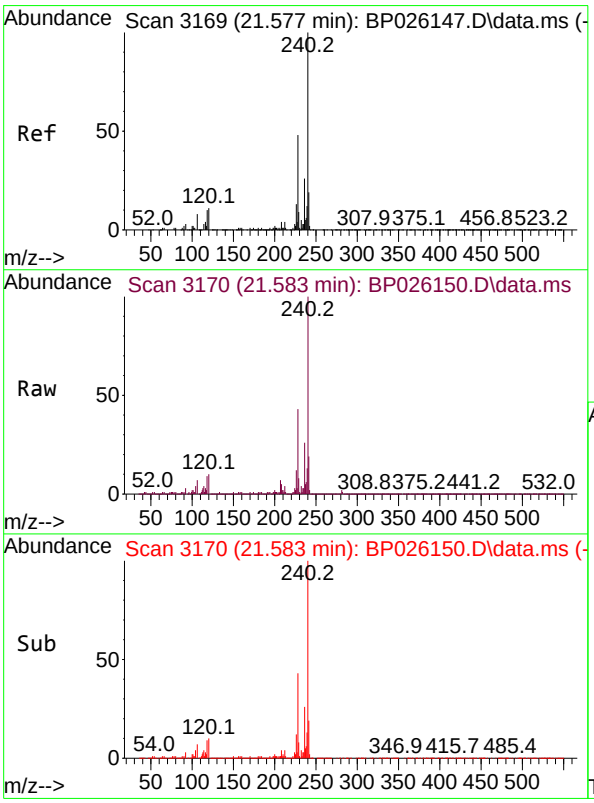
Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.2
203	18.6	0.0	37.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

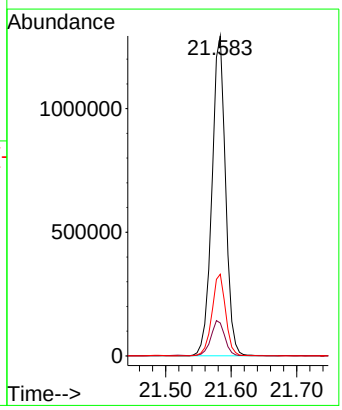
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

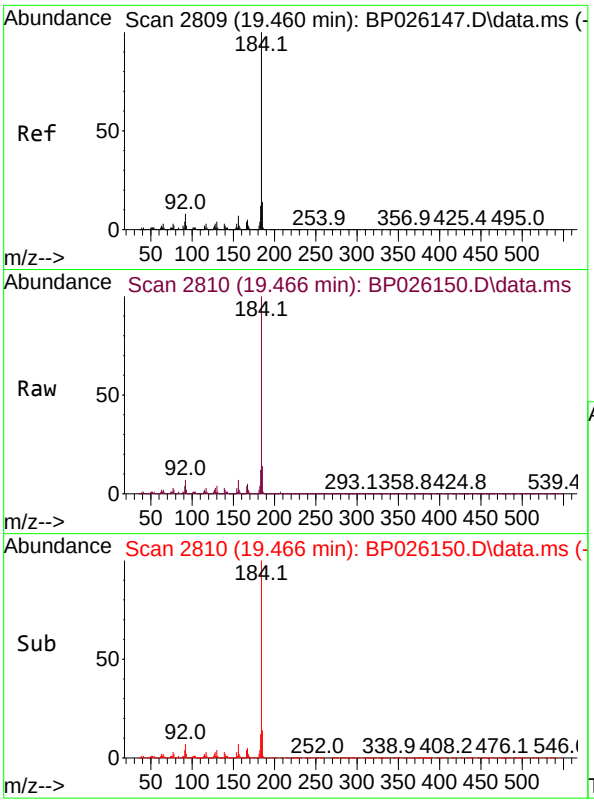


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.012 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:240 Resp: 1872355

Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.0	13.4
236	25.5	20.4	30.6

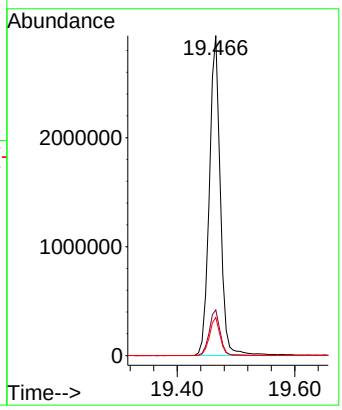




#77
Benzidine
Concen: 65.974 ng
RT: 19.466 min Scan# 28
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:184 Resp: 380226

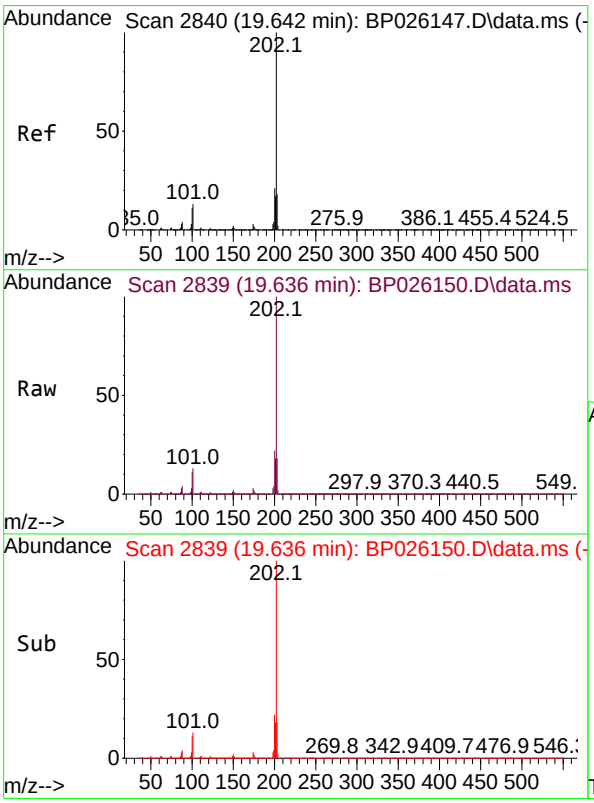
Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.3	16.9
183	11.9	9.0	13.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

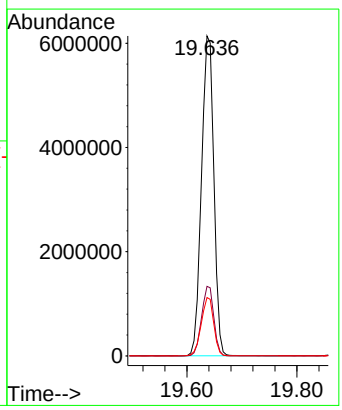
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

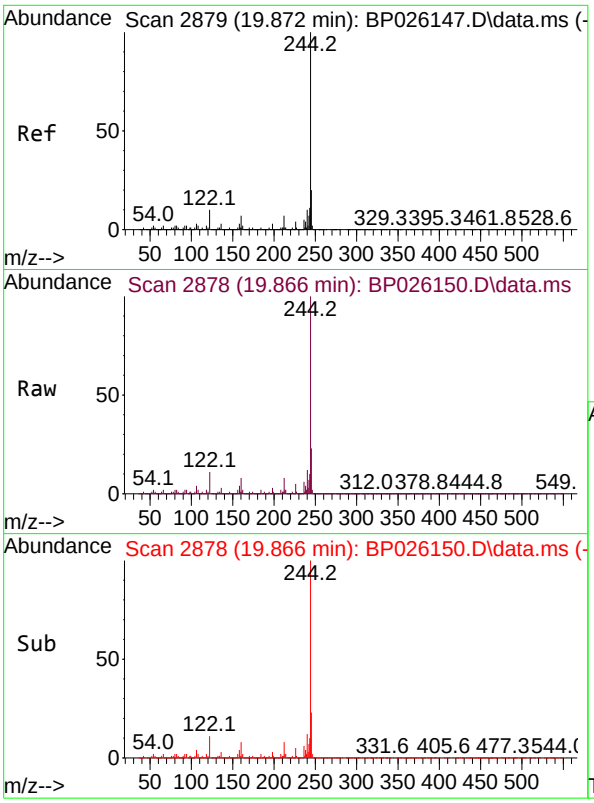


#78
Pyrene
Concen: 78.406 ng
RT: 19.636 min Scan# 2839
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:202 Resp: 9565086

Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.9	25.3
203	18.2	13.8	20.8

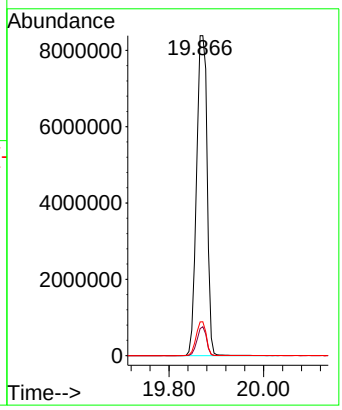




#79
Terphenyl-d14
Concen: 141.200 ng
RT: 19.866 min Scan# 28
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:244 Resp:1296444

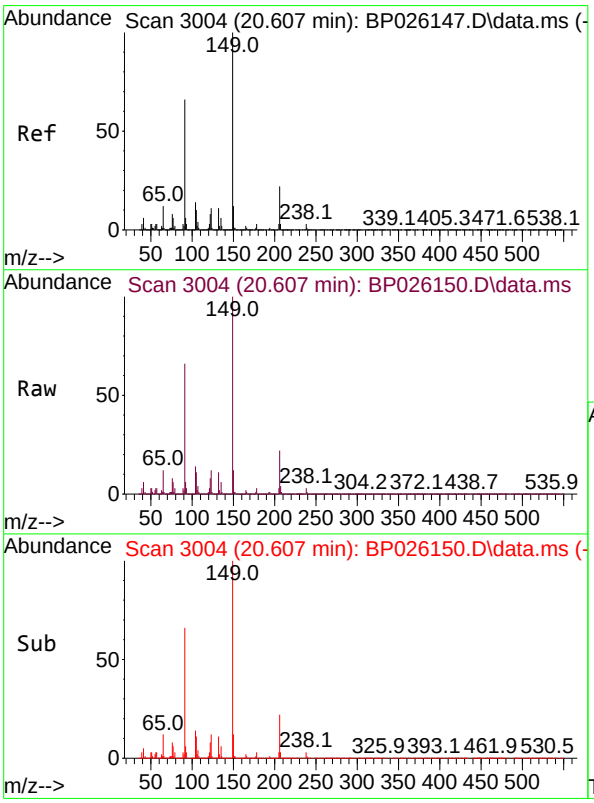
Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.8	8.8
122	10.5	8.2	12.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

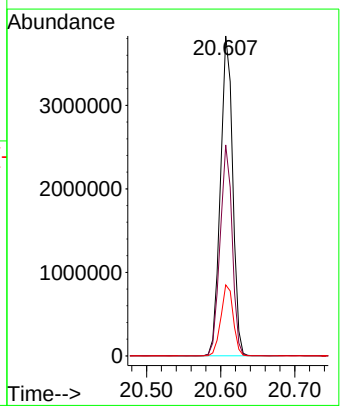
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

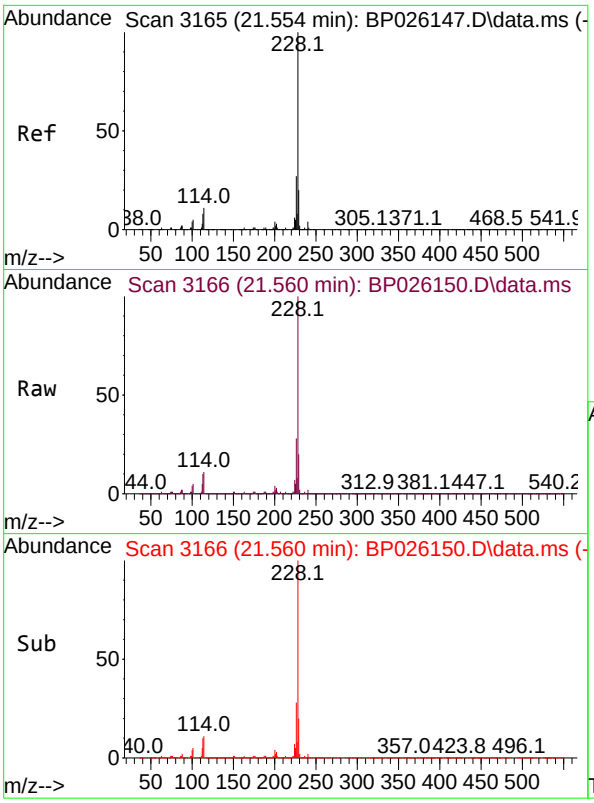


#80
Butylbenzylphthalate
Concen: 80.859 ng
RT: 20.607 min Scan# 3004
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:149 Resp: 4393302

Ion	Ratio	Lower	Upper
149	100		
91	65.9	52.6	79.0
206	22.2	16.9	25.3

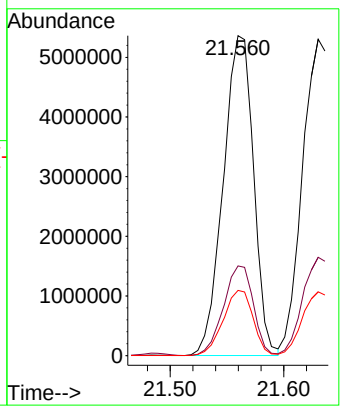




#81
Benzo(a)anthracene
Concen: 77.479 ng
RT: 21.560 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:228 Resp: 994914

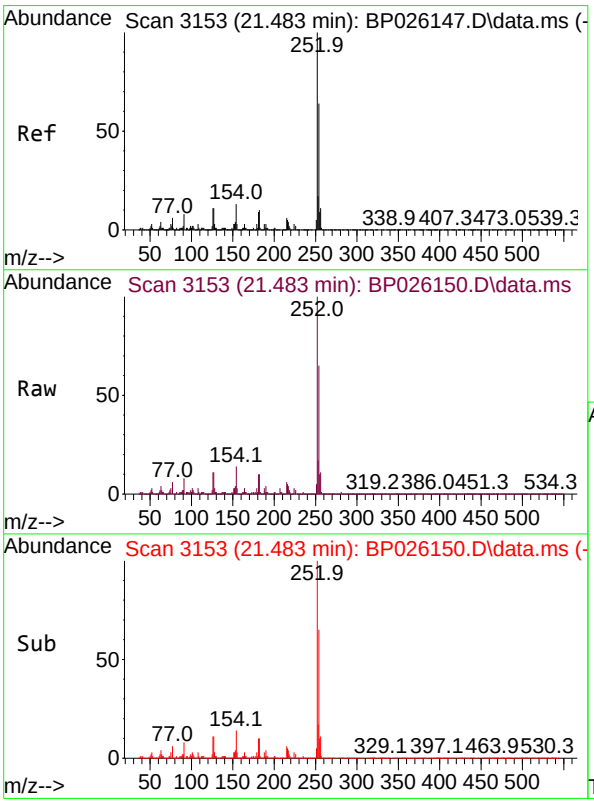
Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.8	32.8
229	20.4	15.9	23.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

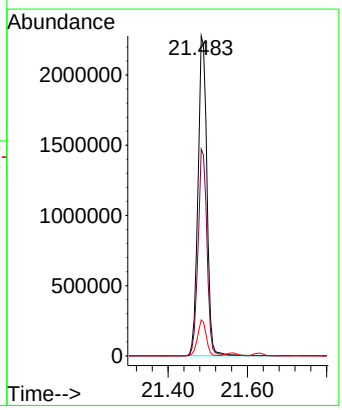
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

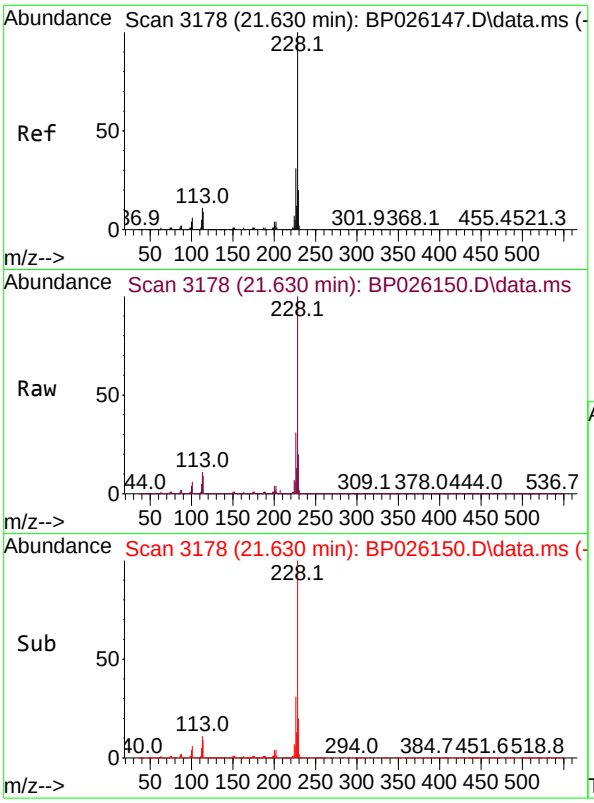


#82
3,3'-Dichlorobenzidine
Concen: 76.221 ng
RT: 21.483 min Scan# 3153
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:252 Resp: 3556791

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.2	76.8
126	11.2	8.2	12.4

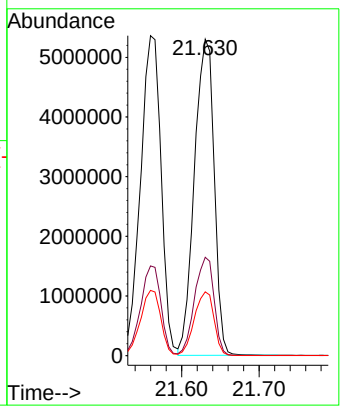




#83
Chrysene
Concen: 77.856 ng
RT: 21.630 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:228 Resp: 941234

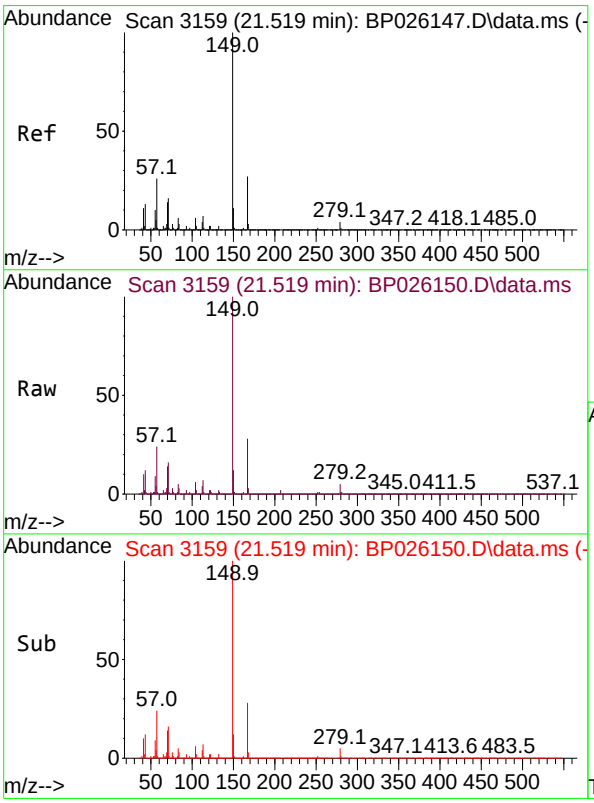
Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.9	35.9
229	20.2	15.9	23.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

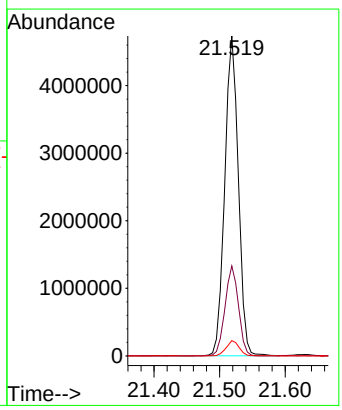
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

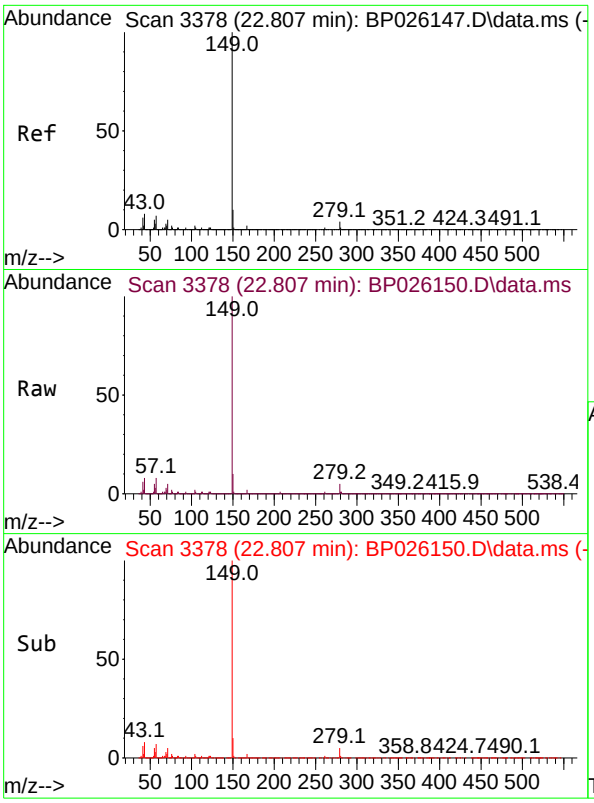


#84
Bis(2-ethylhexyl)phthalate
Concen: 83.686 ng
RT: 21.519 min Scan# 3159
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:149 Resp: 6825162

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.1	33.1
279	4.8	3.3	4.9

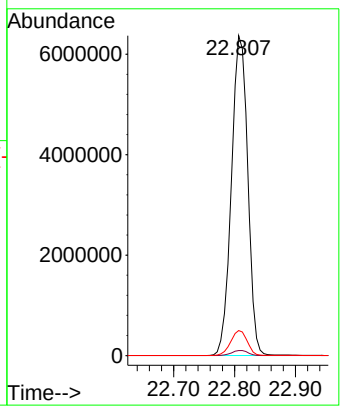




#85
Di-n-octyl phthalate
Concen: 82.666 ng
RT: 22.807 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:149 Resp:1186472

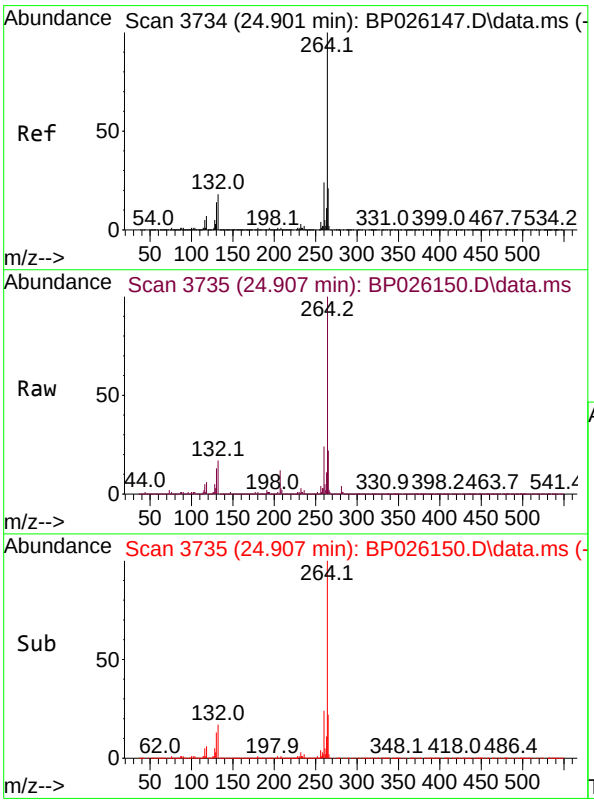
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.9	6.6	10.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

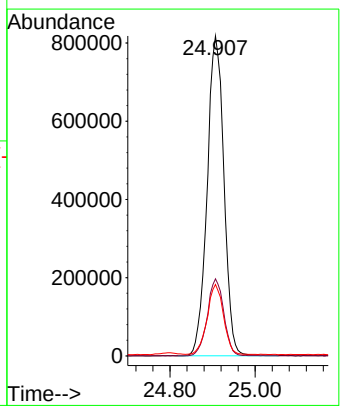
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

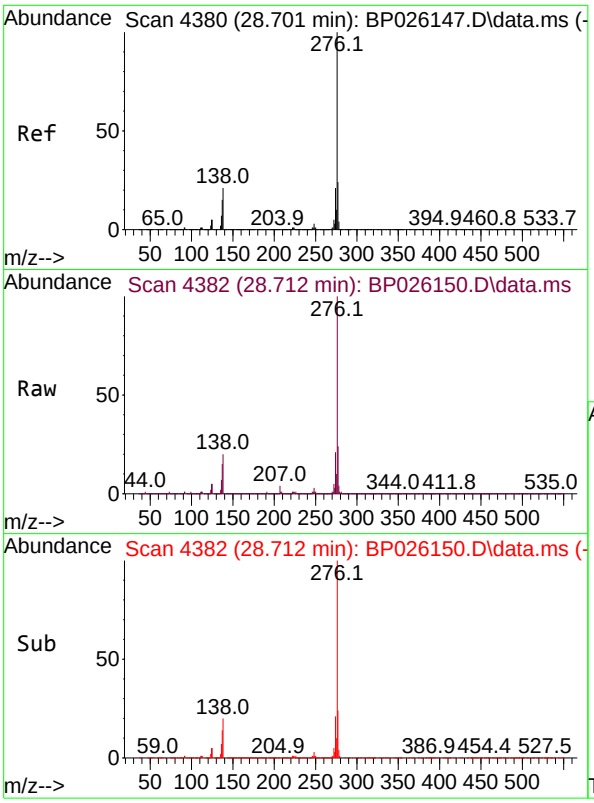


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.907 min Scan# 3735
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:264 Resp: 2234365

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	22.3	17.5	26.3

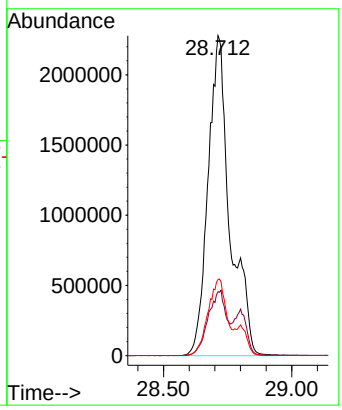




#87
Indeno(1,2,3-cd)pyrene
Concen: 81.129 ng m
RT: 28.712 min Scan# 4
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:276 Resp:1350425

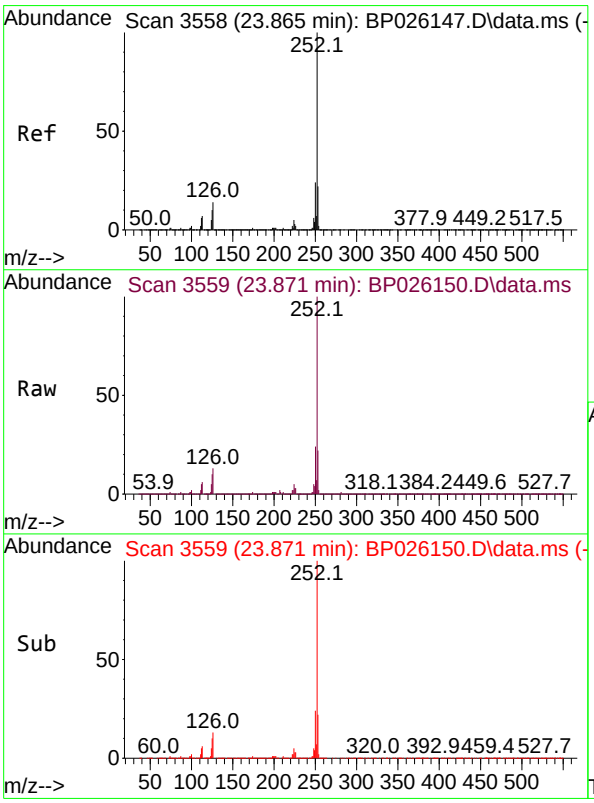
Ion	Ratio	Lower	Upper
276	100		
138	16.8	13.8	20.8
277	20.3	16.7	25.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

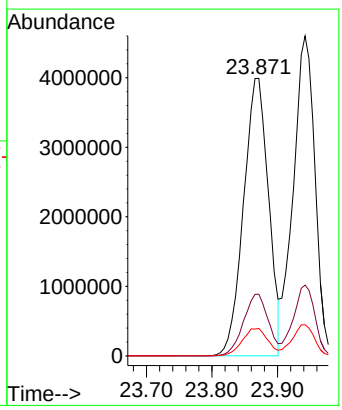
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

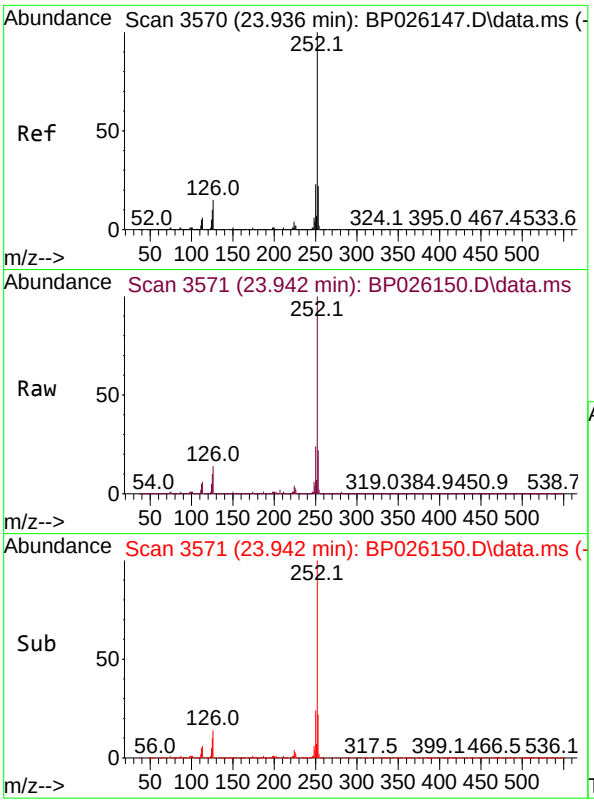


#88
Benzo(b)fluoranthene
Concen: 77.620 ng
RT: 23.871 min Scan# 3559
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:252 Resp:10544016

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	9.9	8.2	12.4





#89
Benzo(k)fluoranthene
Concen: 78.288 ng
RT: 23.942 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

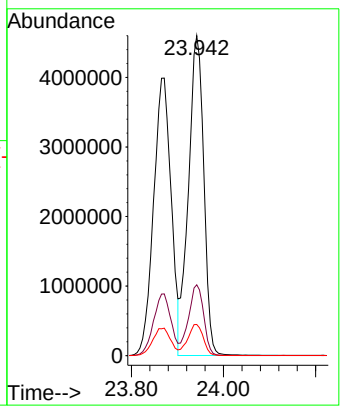
Tgt Ion:252 Resp:1062866

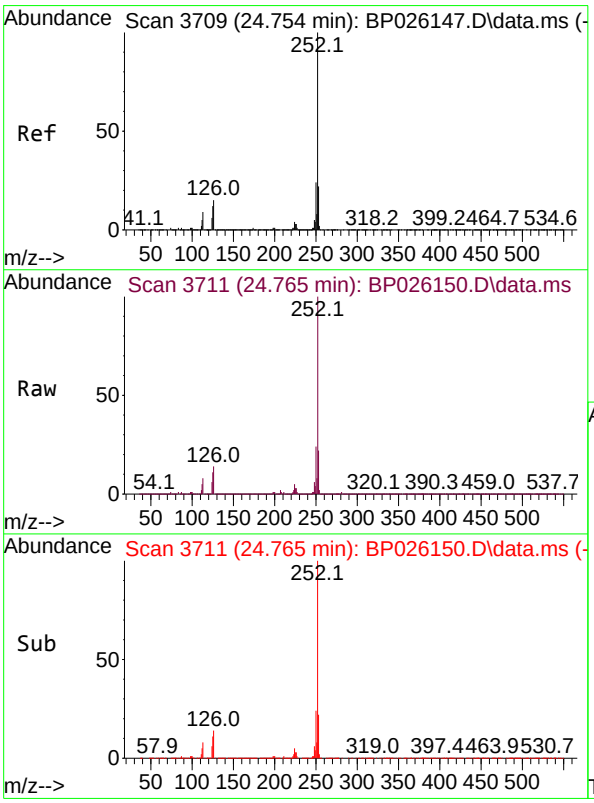
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	9.7	7.5	11.3

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

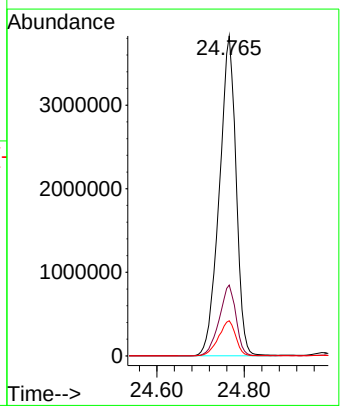


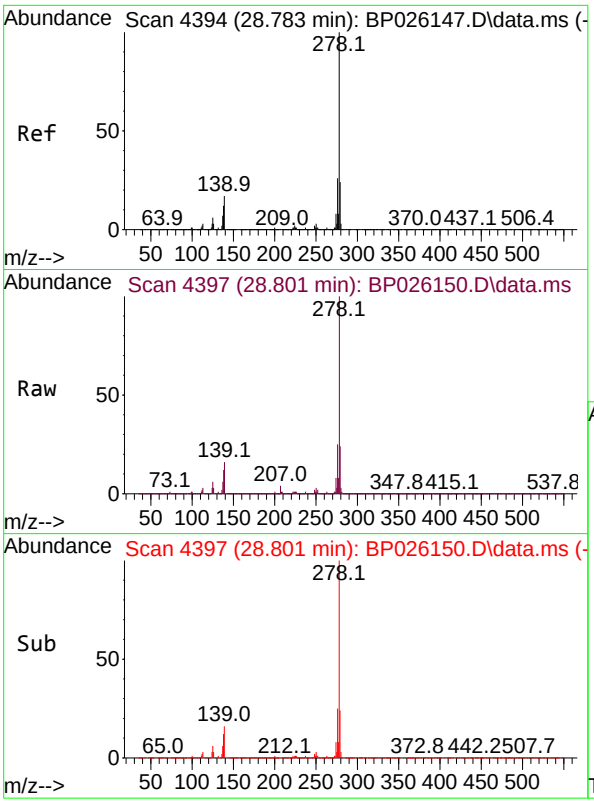


#90
Benzo(a)pyrene
Concen: 79.216 ng
RT: 24.765 min Scan# 3711
Delta R.T. 0.012 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:252 Resp:10207772

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	11.0	9.0	13.6

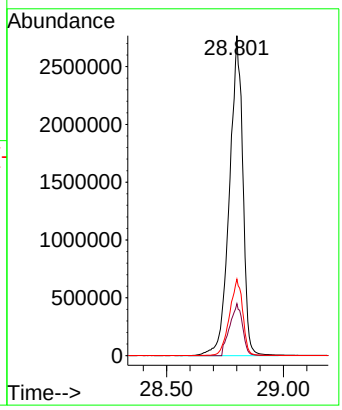




#91
Dibenzo(a,h)anthracene
Concen: 80.721 ng
RT: 28.801 min Scan# 4
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:278 Resp:1101203

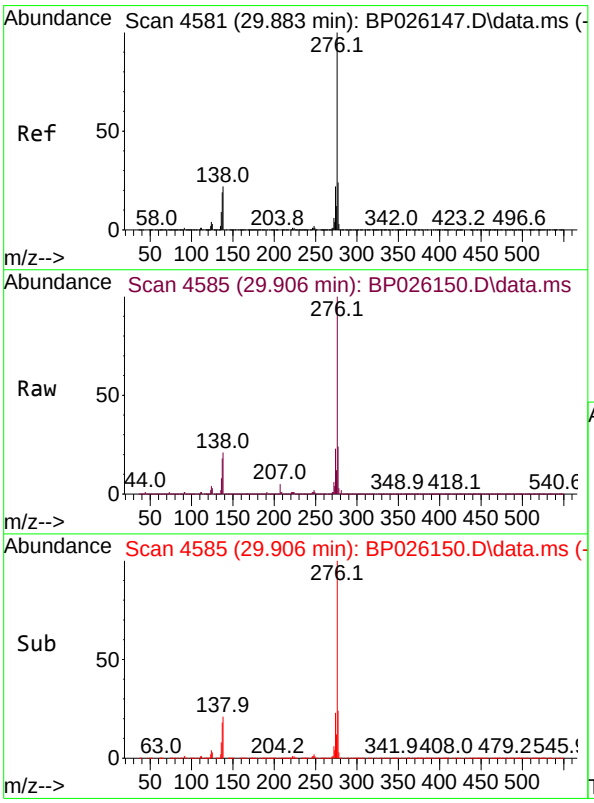
Ion	Ratio	Lower	Upper
278	100		
139	16.2	13.2	19.8
279	23.9	19.2	28.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

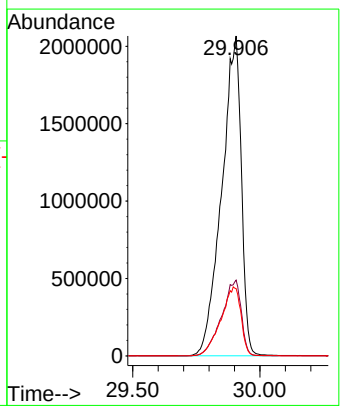
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#92
Benzo(g,h,i)perylene
Concen: 81.458 ng
RT: 29.906 min Scan# 4585
Delta R.T. 0.024 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:276 Resp:11030115

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	21.0	17.8	26.6



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026151.D
Acq On : 18 Nov 2025 23:25
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 01:53:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.672	152	361595	20.000	ng		0.00
21) Naphthalene-d8	10.443	136	1582932	20.000	ng		0.00
39) Acenaphthene-d10	14.319	164	1060115	20.000	ng		0.00
64) Phenanthrene-d10	17.131	188	2119946	20.000	ng		0.00
76) Chrysene-d12	21.577	240	2196318	20.000	ng		0.00
86) Perylene-d12	24.907	264	2586780	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.290	112	1800651	79.929	ng		0.00
7) Phenol-d6	6.855	99	2411815	84.094	ng		0.00
23) Nitrobenzene-d5	8.813	82	2249363	80.717	ng		0.00
42) 2,4,6-Tribromophenol	15.831	330	1107358	80.522	ng		0.00
45) 2-Fluorobiphenyl	12.925	172	5498471	76.016	ng		0.00
79) Terphenyl-d14	19.872	244	8445903	78.411	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.225	88	343507	37.593	ng		100
3) Pyridine	3.614	79	1054187	39.921	ng		100
4) n-Nitrosodimethylamine	3.525	42	394191	39.942	ng		97
6) Aniline	7.002	93	1580563	41.740	ng		98
8) 2-Chlorophenol	7.243	128	1055115	41.146	ng		99
9) Benzaldehyde	6.819	77	685617	45.618	ng		100
10) Phenol	6.878	94	1299478	42.060	ng		99
11) bis(2-Chloroethyl)ether	7.102	93	993460	41.067	ng		98
12) 1,3-Dichlorobenzene	7.566	146	1093655	39.587	ng		98
13) 1,4-Dichlorobenzene	7.708	146	1106341	39.742	ng		99
14) 1,2-Dichlorobenzene	8.019	146	1083058	40.516	ng		99
15) Benzyl Alcohol	7.908	79	891170	42.414	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.202	45	1385943	40.794	ng		99
17) 2-Methylphenol	8.108	107	894546	42.532	ng		100
18) Hexachloroethane	8.743	117	409876	40.466	ng		98
19) n-Nitroso-di-n-propyla...	8.472	70	771683	43.311	ng		99
20) 3+4-Methylphenols	8.437	107	1238228	42.486	ng		100
22) Acetophenone	8.484	105	1599641	39.758	ng	#	99
24) Nitrobenzene	8.855	77	1132232	40.166	ng		98
25) Isophorone	9.384	82	2283034	41.325	ng		99
26) 2-Nitrophenol	9.555	139	600692	42.113	ng		99
27) 2,4-Dimethylphenol	9.625	122	1044113	40.595	ng		99
28) bis(2-Chloroethoxy)met...	9.854	93	1398232	40.412	ng		99
29) 2,4-Dichlorophenol	10.096	162	1058748	41.185	ng		100
30) 1,2,4-Trichlorobenzene	10.302	180	1034416	39.515	ng		98
31) Naphthalene	10.496	128	3382899	39.543	ng		99
32) Benzoic acid	9.778	122	916813	42.328	ng		100
33) 4-Chloroaniline	10.590	127	1497158	41.152	ng		99
34) Hexachlorobutadiene	10.790	225	663620	38.979	ng		99
35) Caprolactam	11.390	113	386416	41.978	ng		99
36) 4-Chloro-3-methylphenol	11.731	107	1169352	42.798	ng		99
37) 2-Methylnaphthalene	12.107	142	2480618	40.901	ng		100
38) 1-Methylnaphthalene	12.325	142	2436446	41.101	ng		100
40) 1,2,4,5-Tetrachloroben...	12.490	216	1239031	38.653	ng		99
41) Hexachlorocyclopentadiene	12.472	237	827636	39.451	ng		99
43) 2,4,6-Trichlorophenol	12.725	196	889628	40.482	ng		100

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026151.D
Acq On : 18 Nov 2025 23:25
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 01:53:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.801	196	986131	40.200	ng	98
46) 1,1'-Biphenyl	13.137	154	3104503	38.891	ng	100
47) 2-Chloronaphthalene	13.178	162	2436522	38.816	ng	100
48) 2-Nitroaniline	13.366	65	731047	41.880	ng	94
49) Acenaphthylene	14.031	152	4108111	39.676	ng	99
50) Dimethylphthalate	13.766	163	3116904	39.365	ng	100
51) 2,6-Dinitrotoluene	13.878	165	675339	43.045	ng	100
52) Acenaphthene	14.378	154	2361523	38.919	ng	99
53) 3-Nitroaniline	14.213	138	782672	42.369	ng	99
54) 2,4-Dinitrophenol	14.419	184	403157	42.569	ng	98
55) Dibenzofuran	14.719	168	3668770	39.037	ng	100
56) 4-Nitrophenol	14.531	139	673671	40.312	ng	98
57) 2,4-Dinitrotoluene	14.684	165	997423	42.577	ng	99
58) Fluorene	15.389	166	2894223	38.962	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.954	232	846319	40.668	ng	100
60) Diethylphthalate	15.160	149	3115428	39.059	ng	99
61) 4-Chlorophenyl-phenyle...	15.384	204	1437111	38.882	ng	100
62) 4-Nitroaniline	15.401	138	780732	40.700	ng	99
63) Azobenzene	15.684	77	2678923	39.832	ng	99
65) 4,6-Dinitro-2-methylph...	15.460	198	568324	42.199	ng	95
66) n-Nitrosodiphenylamine	15.607	169	2623713	40.009	ng	100
67) 4-Bromophenyl-phenylether	16.301	248	960730	40.921	ng	99
68) Hexachlorobenzene	16.419	284	1097761	40.295	ng	96
69) Atrazine	16.589	200	985277	39.843	ng	99
70) Pentachlorophenol	16.772	266	775987	40.719	ng	99
71) Phenanthrene	17.178	178	4768475	39.930	ng	100
72) Anthracene	17.266	178	4875395	40.026	ng	99
73) Carbazole	17.536	167	4601692	39.777	ng	100
74) Di-n-butylphthalate	18.154	149	5331384	38.873	ng	100
75) Fluoranthene	19.260	202	5678696	39.137	ng	100
77) Benzidine	19.466	184	2769880	39.739	ng	99
78) Pyrene	19.636	202	5858930	40.685	ng	99
80) Butylbenzylphthalate	20.613	149	2485794	39.196	ng	99
81) Benzo(a)anthracene	21.560	228	5995605	39.748	ng	99
82) 3,3'-Dichlorobenzidine	21.483	252	2205669	40.210	ng	98
83) Chrysene	21.624	228	5679377	39.951	ng	100
84) Bis(2-ethylhexyl)phtha...	21.524	149	3741593	38.974	ng	100
85) Di-n-octyl phthalate	22.807	149	6475670	38.576	ng	99
87) Indeno(1,2,3-cd)pyrene	28.701	276	7731323m	39.852	ng	
88) Benzo(b)fluoranthene	23.860	252	6338827	40.239	ng	100
89) Benzo(k)fluoranthene	23.936	252	6104845	38.799	ng	100
90) Benzo(a)pyrene	24.754	252	5947125	39.855	ng	100
91) Dibenzo(a,h)anthracene	28.783	278	6347656	39.970	ng	100
92) Benzo(g,h,i)perylene	29.859	276	6346496	40.207	ng	100

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

ICAL Form

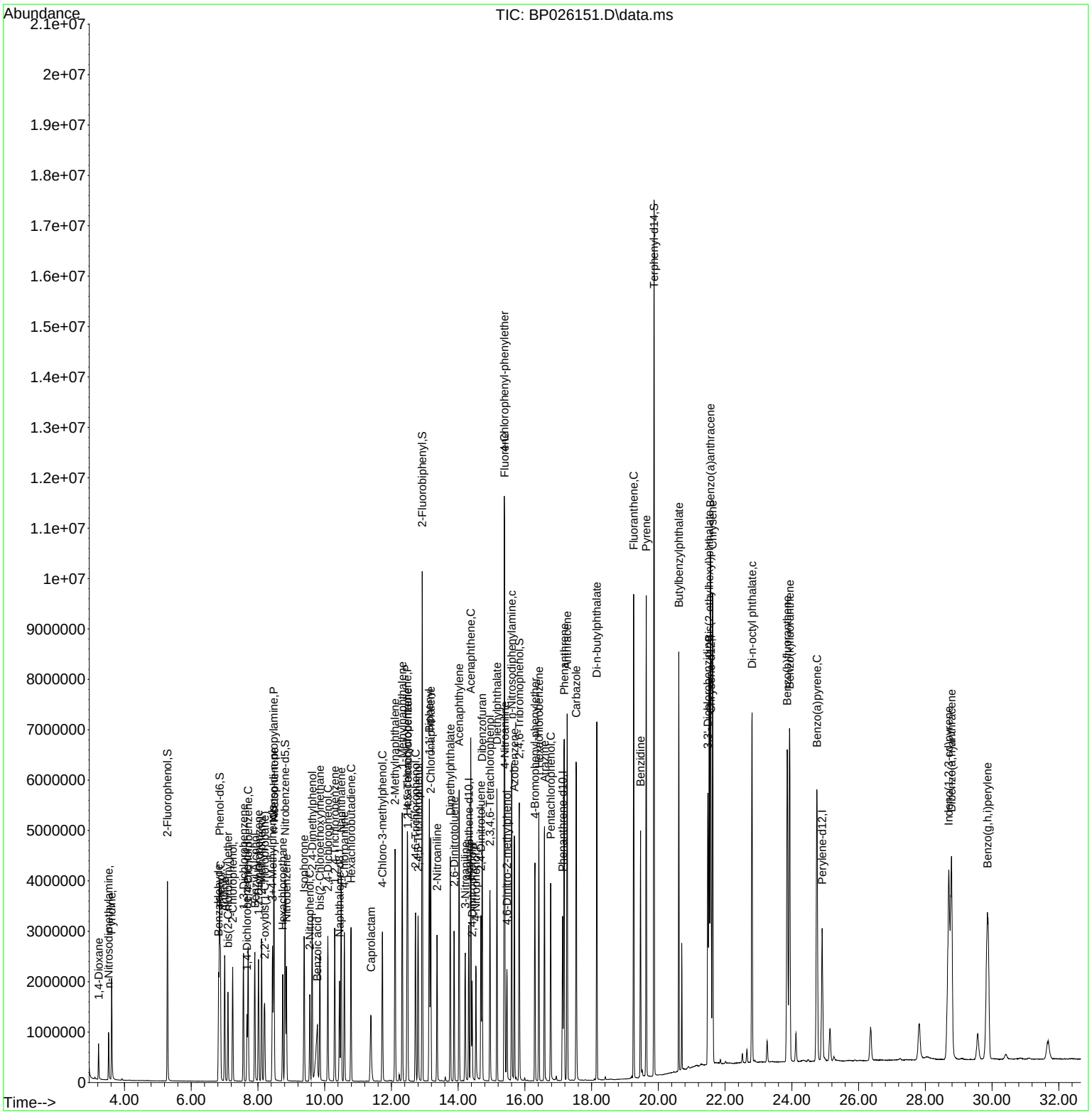
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Data File : BP026151.D
Acq On : 18 Nov 2025 23:25
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 15 Sample Multiplier: 1

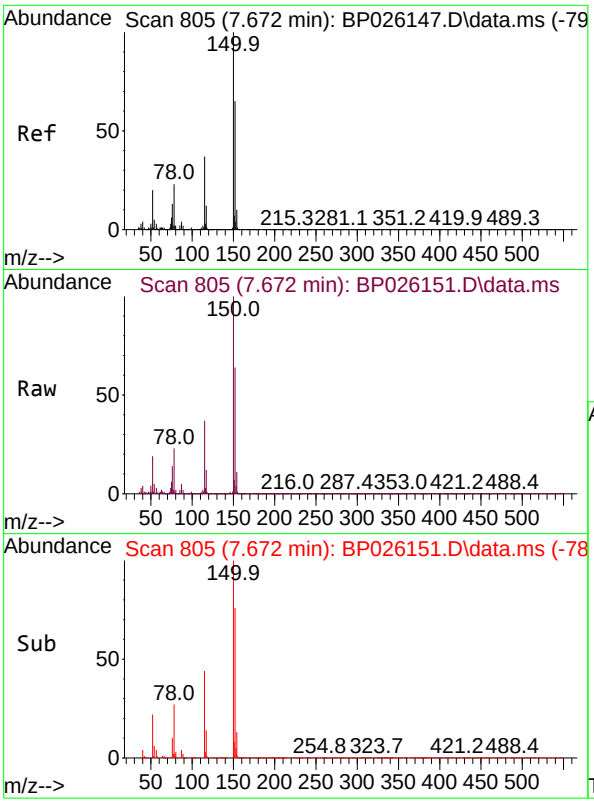
Quant Time: Nov 19 01:53:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

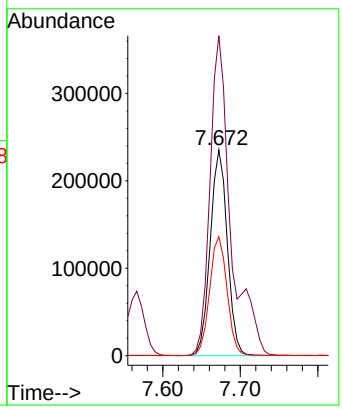




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:152 Resp: 36159

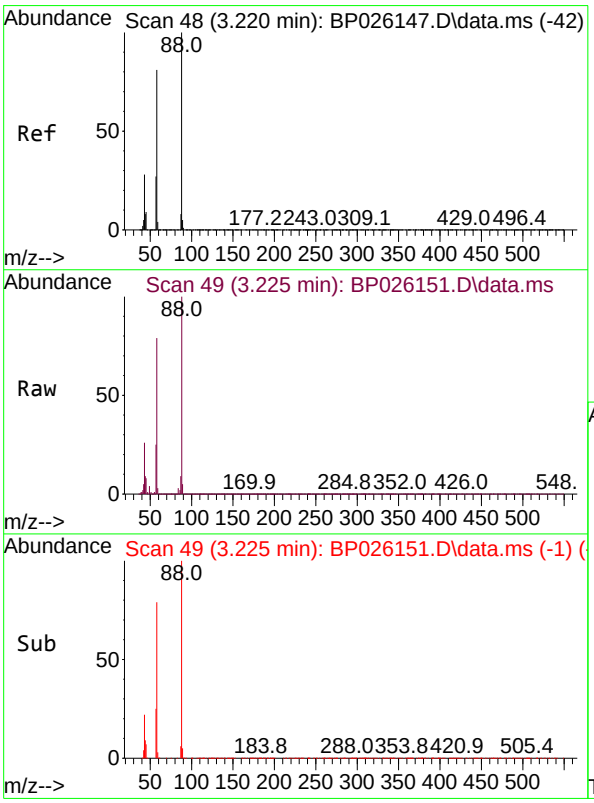
Ion	Ratio	Lower	Upper
152	100		
150	155.6	123.0	184.6
115	57.9	46.3	69.5



Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Manual Integrations
APPROVED

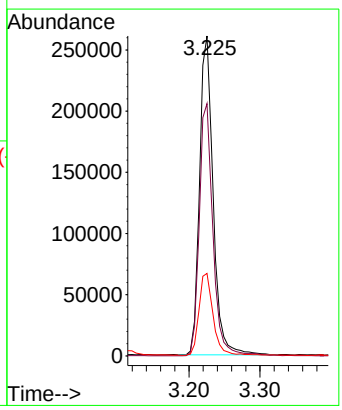
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

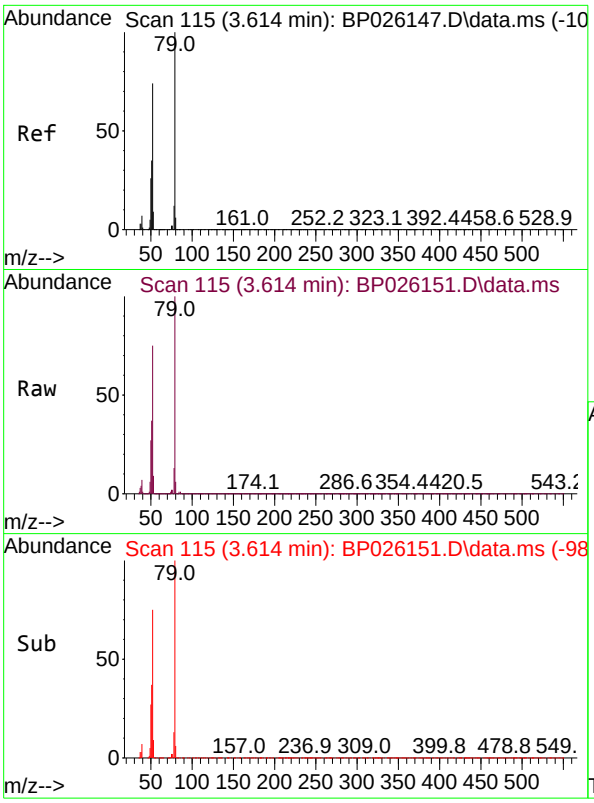


#2
1,4-Dioxane
Concen: 37.593 ng
RT: 3.225 min Scan# 49
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion: 88 Resp: 343507

Ion	Ratio	Lower	Upper
88	100		
58	80.0	64.2	96.4
43	26.8	21.5	32.3

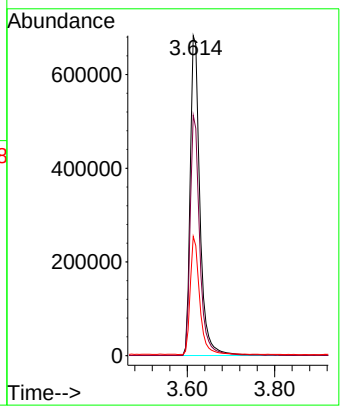




#3
Pyridine
Concen: 39.921 ng
RT: 3.614 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion: 79 Resp: 105418

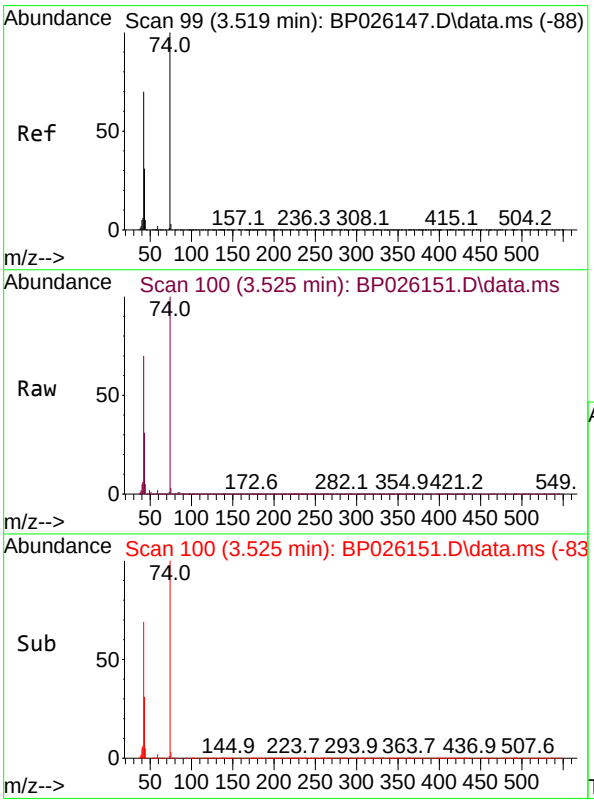
Ion	Ratio	Lower	Upper
79	100		
52	75.1	60.2	90.2
51	37.2	29.5	44.3



Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Manual Integrations
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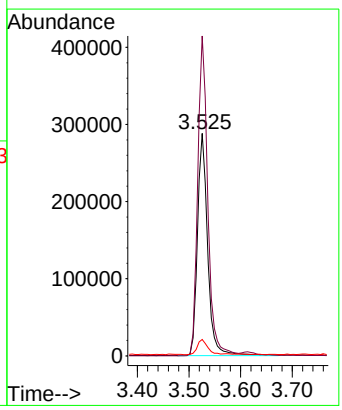
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

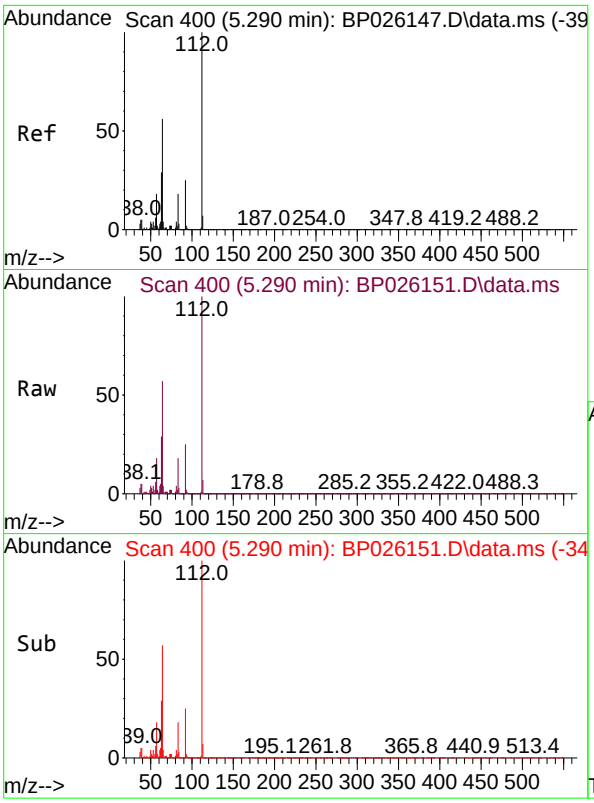


#4
n-Nitrosodimethylamine
Concen: 39.942 ng
RT: 3.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion: 42 Resp: 394191

Ion	Ratio	Lower	Upper
42	100		
74	143.8	118.1	177.1
44	7.3	6.2	9.4

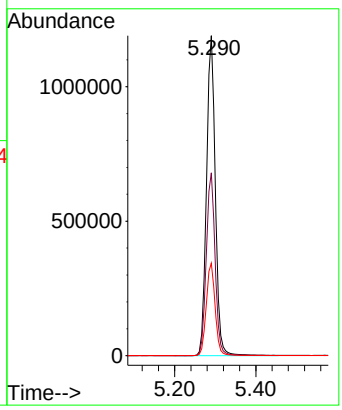




#5
2-Fluorophenol
Concen: 79.929 ng
RT: 5.290 min Scan# 40
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:112 Resp: 180651

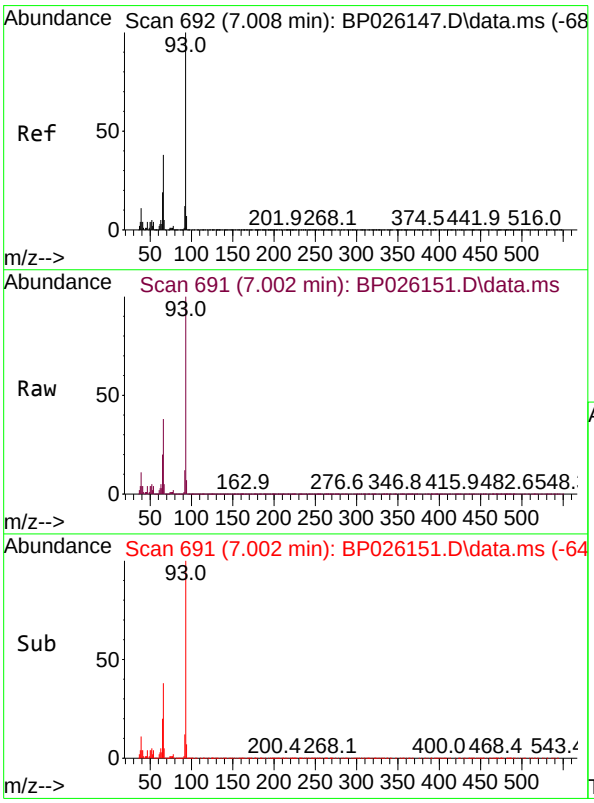
Ion	Ratio	Lower	Upper
112	100		
64	57.1	45.8	68.6
63	28.9	23.5	35.3



Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Manual Integrations
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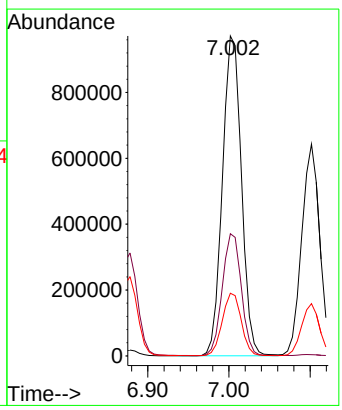
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

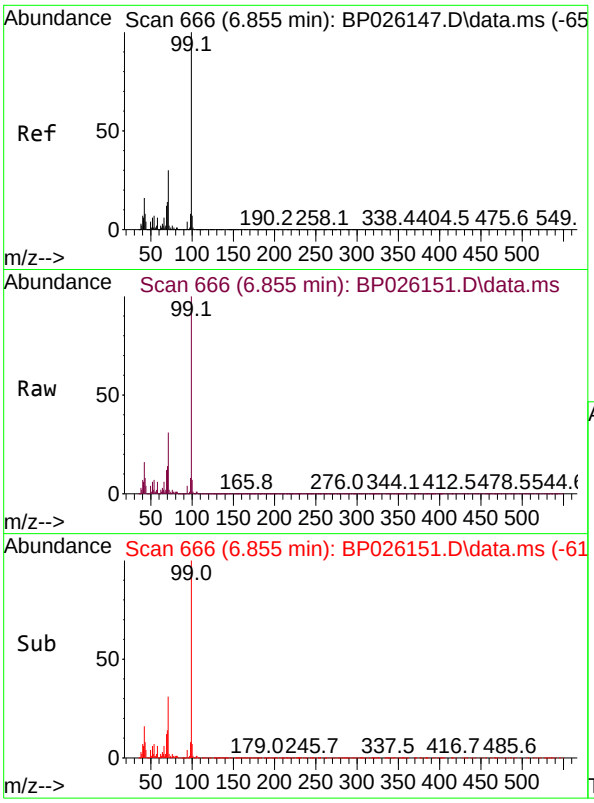


#6
Aniline
Concen: 41.740 ng
RT: 7.002 min Scan# 691
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion: 93 Resp: 1580563

Ion	Ratio	Lower	Upper
93	100		
66	38.2	31.7	47.5
65	19.6	15.8	23.6

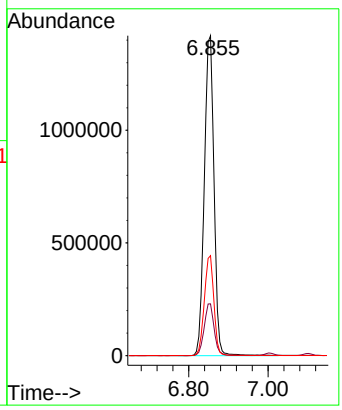




#7
Phenol-d6
Concen: 84.094 ng
RT: 6.855 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion: 99 Resp: 241181

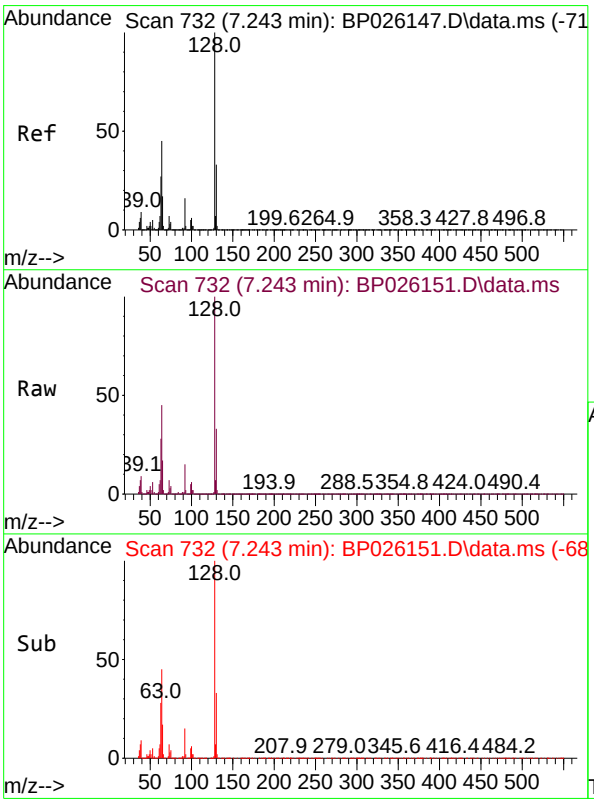
Ion	Ratio	Lower	Upper
99	100		
42	16.2	12.9	19.3
71	31.2	24.8	37.2



Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Manual Integrations
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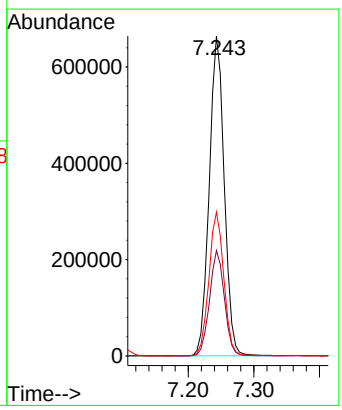
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

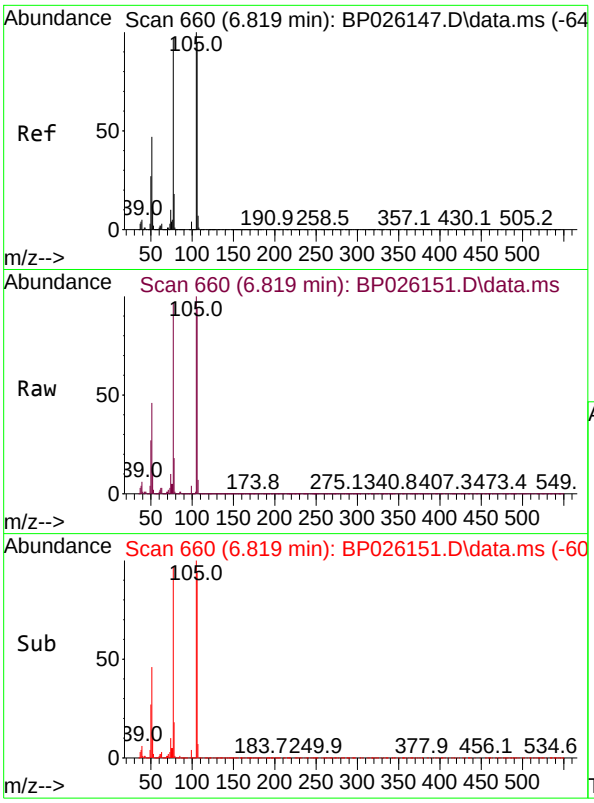


#8
2-Chlorophenol
Concen: 41.146 ng
RT: 7.243 min Scan# 732
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:128 Resp: 1055115

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.4	52.4
64	44.9	23.9	63.9

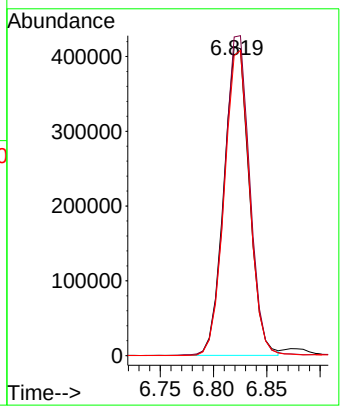




#9
Benzaldehyde
Concen: 45.618 ng
RT: 6.819 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion: 77 Resp: 68561

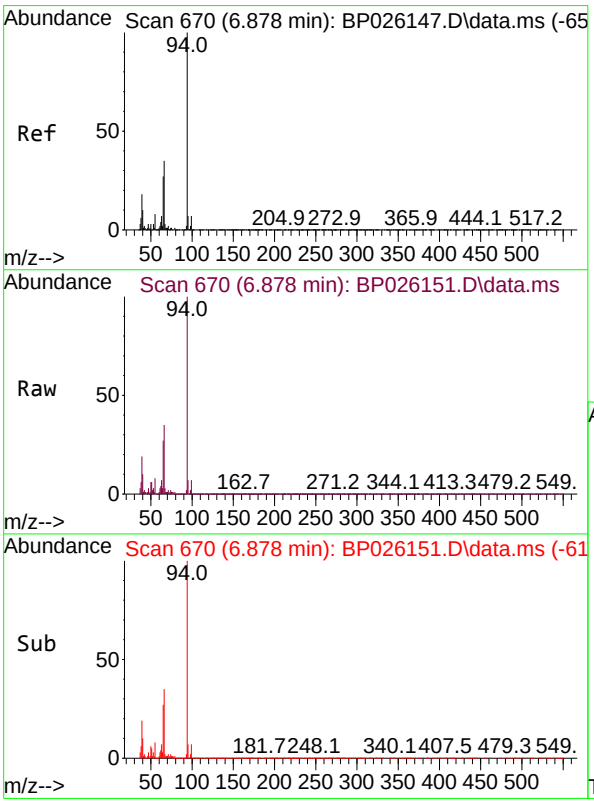
Ion	Ratio	Lower	Upper
77	100		
105	103.2	82.9	122.9
106	97.1	77.8	117.8



Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Manual Integrations
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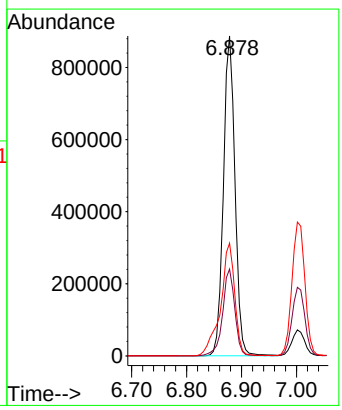
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

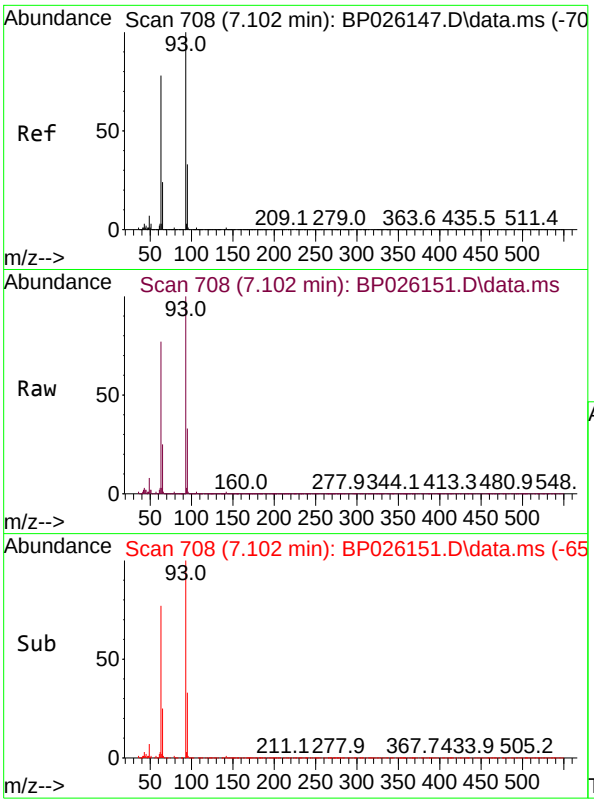


#10
Phenol
Concen: 42.060 ng
RT: 6.878 min Scan# 670
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion: 94 Resp: 1299478

Ion	Ratio	Lower	Upper
94	100		
65	27.1	7.0	47.0
66	35.2	14.5	54.5

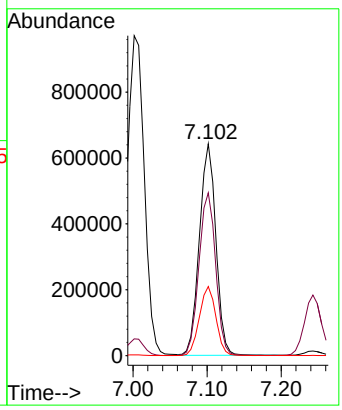




#11
bis(2-Chloroethyl)ether
Concen: 41.067 ng
RT: 7.102 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion: 93 Resp: 99346

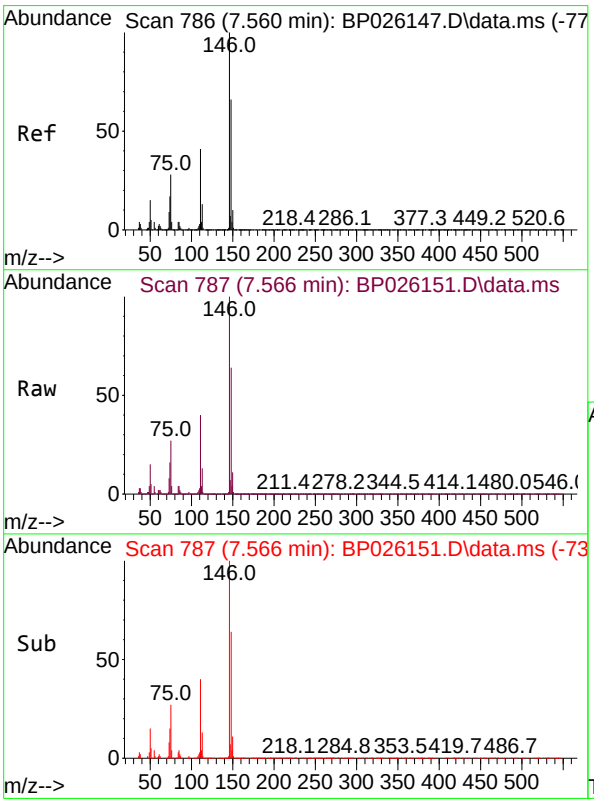
Ion	Ratio	Lower	Upper
93	100		
63	76.9	58.8	98.8
95	32.6	12.1	52.1



Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Manual Integrations
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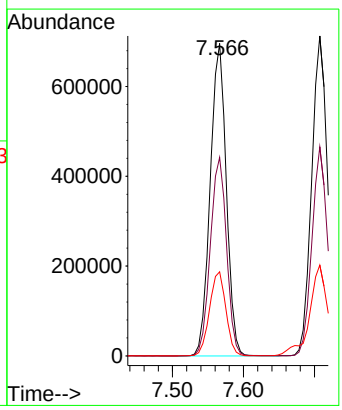
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

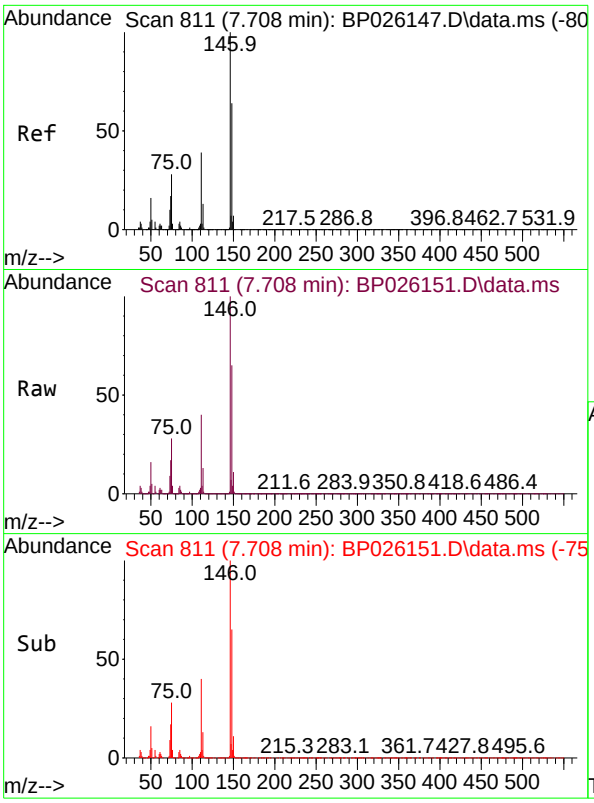


#12
1,3-Dichlorobenzene
Concen: 39.587 ng
RT: 7.566 min Scan# 787
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:146 Resp: 1093655

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.8	77.8
75	26.9	22.2	33.2





#13
1,4-Dichlorobenzene
Concen: 39.742 ng
RT: 7.708 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

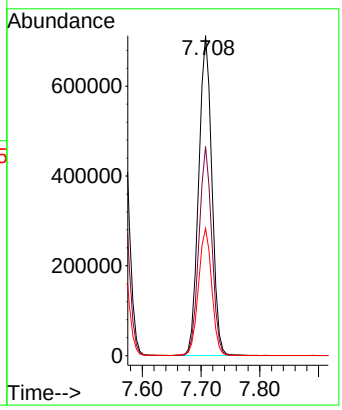
Tgt Ion:146 Resp: 110634

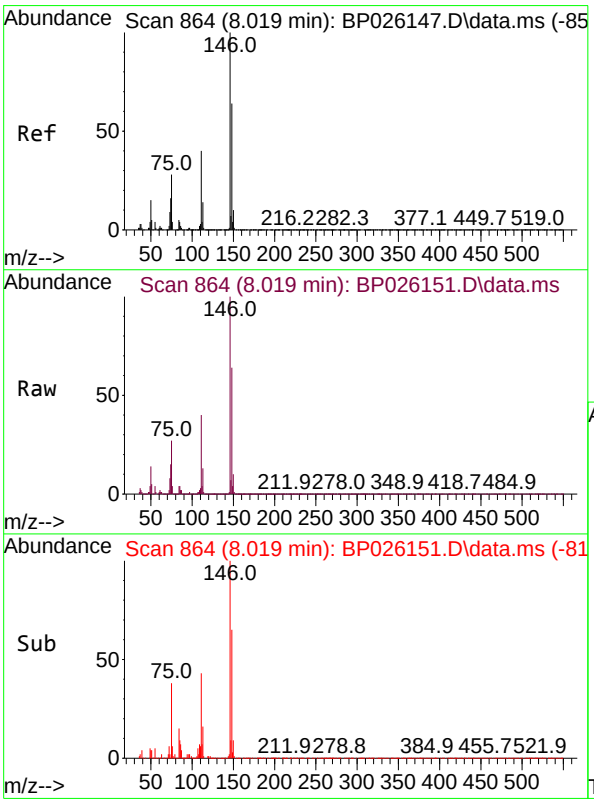
Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.4	77.2
111	39.7	31.7	47.5

Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Manual Integrations
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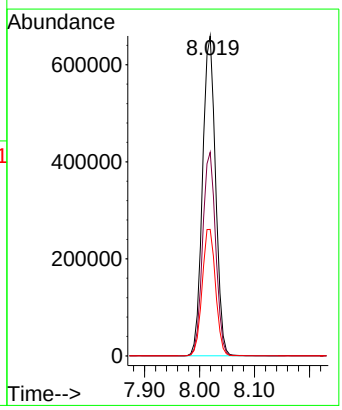


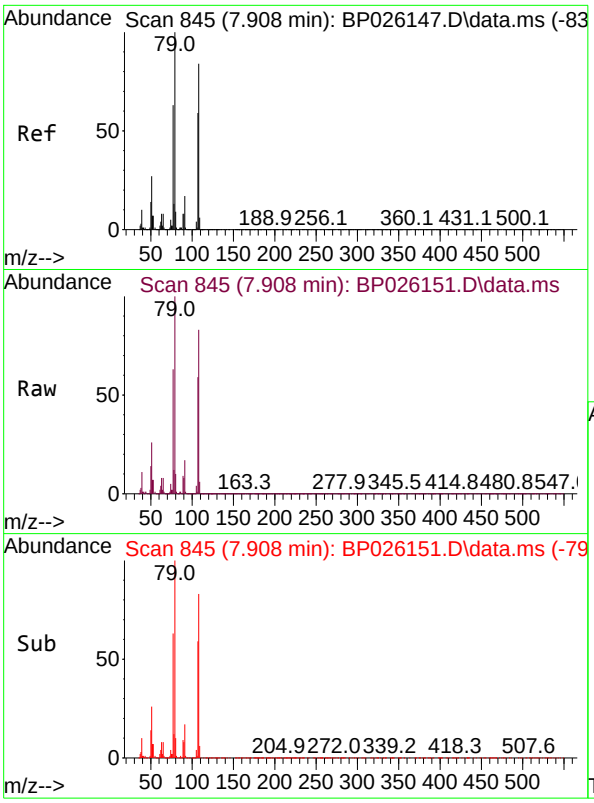


#14
1,2-Dichlorobenzene
Concen: 40.516 ng
RT: 8.019 min Scan# 864
Delta R.T. 0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:146 Resp: 1083058

Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.0	76.6
111	39.5	33.0	49.4





#15
Benzyl Alcohol
Concen: 42.414 ng
RT: 7.908 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

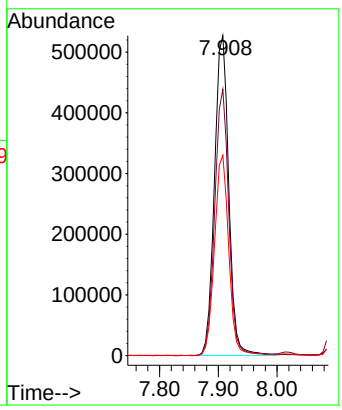
Instrument :
BNA_P
ClientSampleId :
ICVBP111825

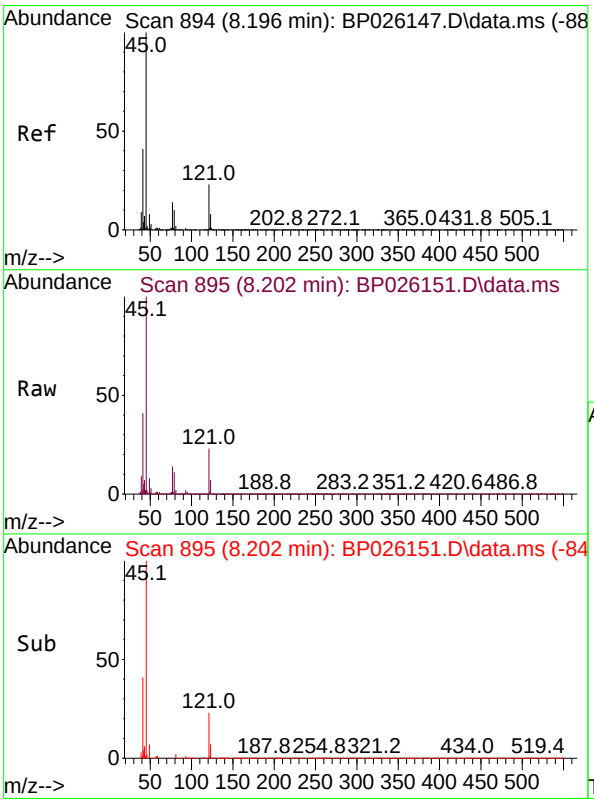
Tgt Ion: 79 Resp: 89117

Ion	Ratio	Lower	Upper
79	100		
108	83.2	66.2	99.4
77	62.6	50.0	75.0

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Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

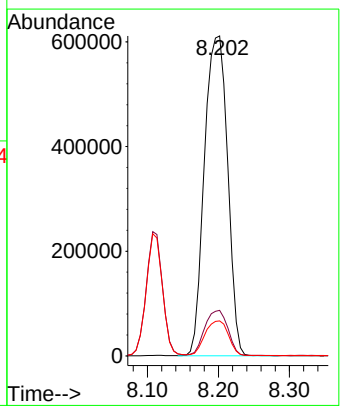


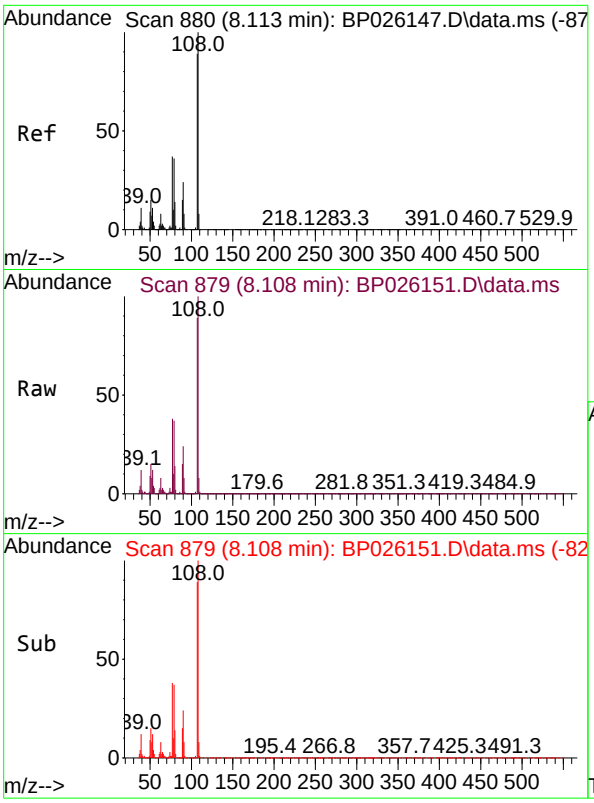


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.794 ng
RT: 8.202 min Scan# 895
Delta R.T. 0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion: 45 Resp: 1385943

Ion	Ratio	Lower	Upper
45	100		
77	14.2	0.0	33.9
79	10.9	0.0	30.4

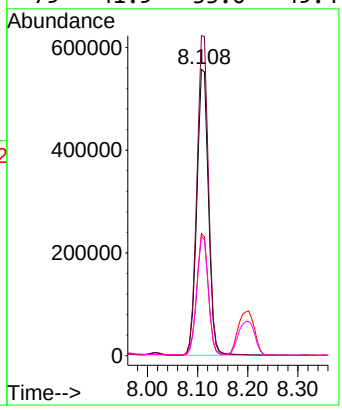




#17
2-Methylphenol
Concen: 42.532 ng
RT: 8.108 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:107 Resp: 89454

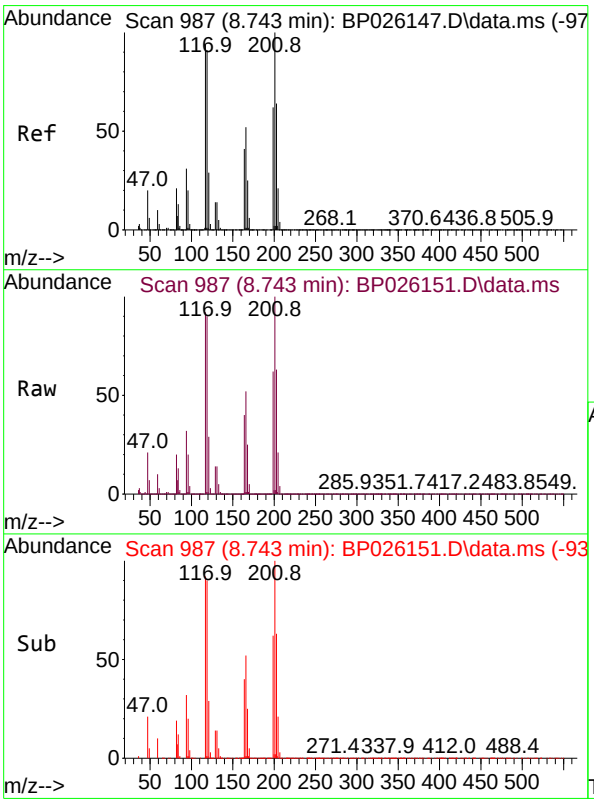
Ion	Ratio	Lower	Upper
107	100		
108	111.8	89.7	134.5
77	42.6	33.9	50.9
79	41.9	33.0	49.4



Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Manual Integrations
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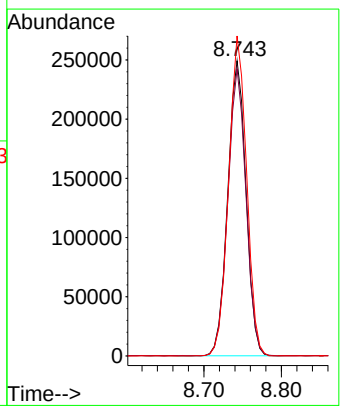
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

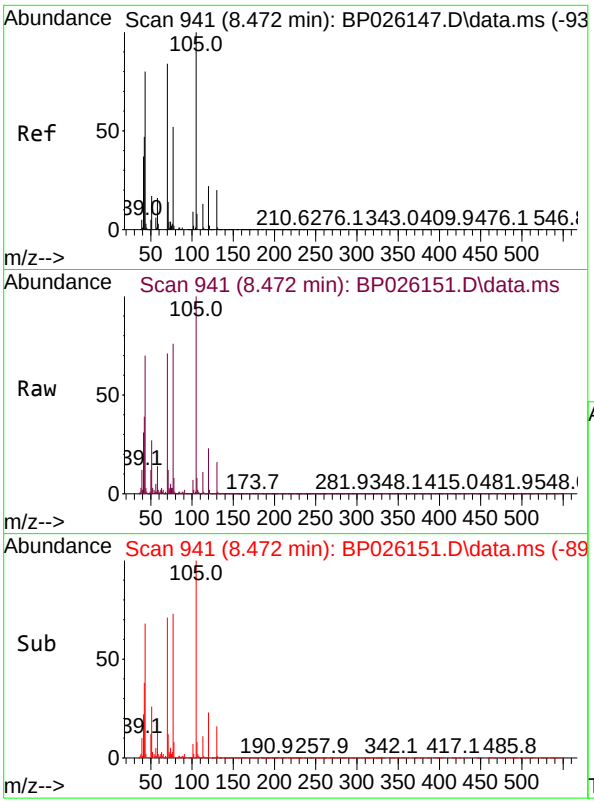


#18
Hexachloroethane
Concen: 40.466 ng
RT: 8.743 min Scan# 987
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:117 Resp: 409876

Ion	Ratio	Lower	Upper
117	100		
119	97.2	78.7	118.1
201	108.4	85.1	127.7

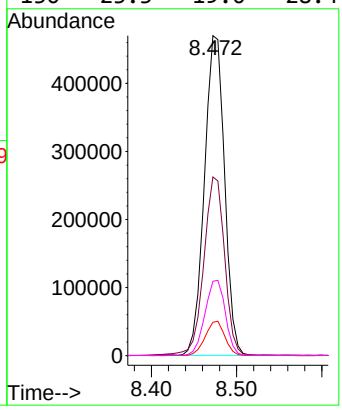




#19
n-Nitroso-di-n-propylamine
Concen: 43.311 ng
RT: 8.472 min Scan# 94
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion: 70 Resp: 77168

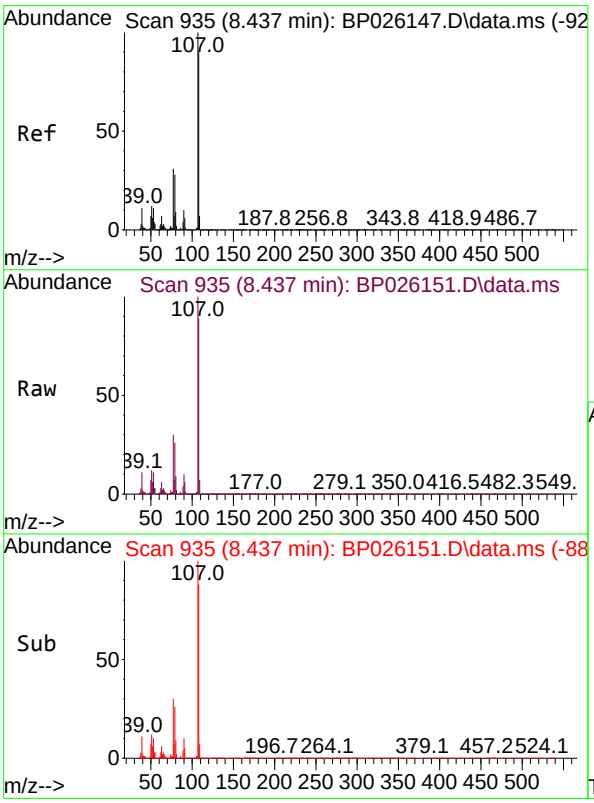
Ion	Ratio	Lower	Upper
70	100		
42	55.8	44.1	66.1
101	10.5	8.2	12.4
130	23.3	19.0	28.4



Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Manual Integrations
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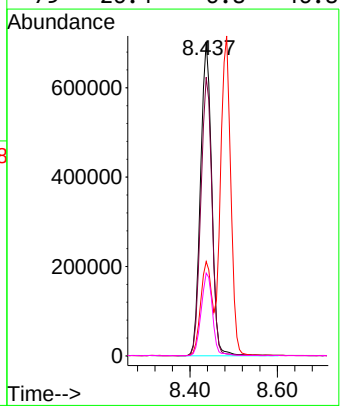
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

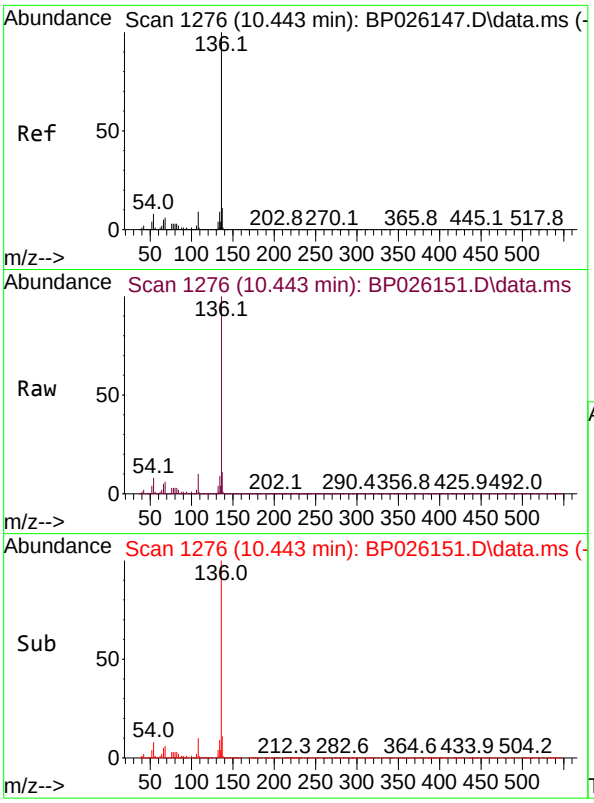


#20
3+4-Methylphenols
Concen: 42.486 ng
RT: 8.437 min Scan# 935
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:107 Resp: 1238228

Ion	Ratio	Lower	Upper
107	100		
108	88.8	68.9	108.9
77	30.0	10.4	50.4
79	26.4	6.8	46.8

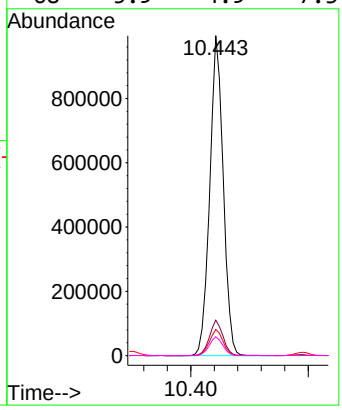




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:136 Resp: 158293

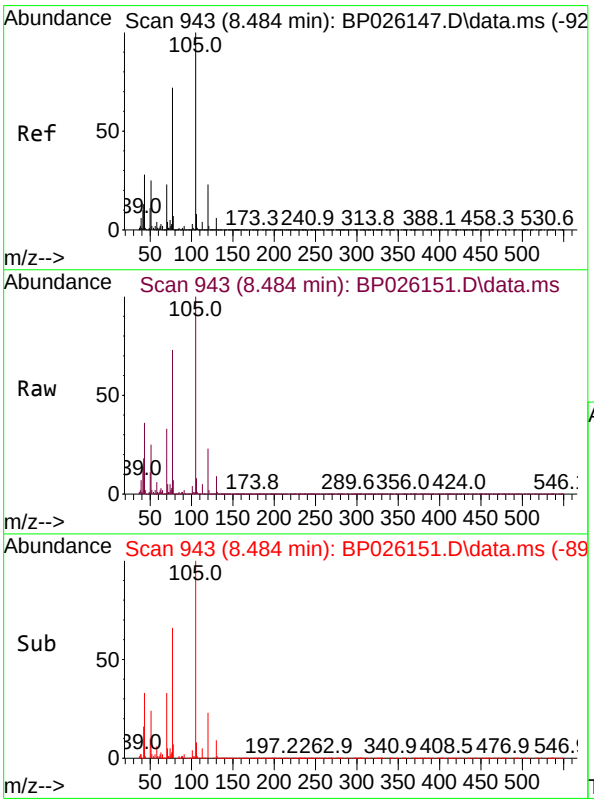
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	8.2	6.4	9.6
68	5.9	4.9	7.3



Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Manual Integrations
APPROVED

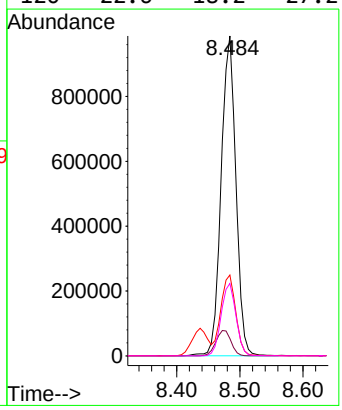
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

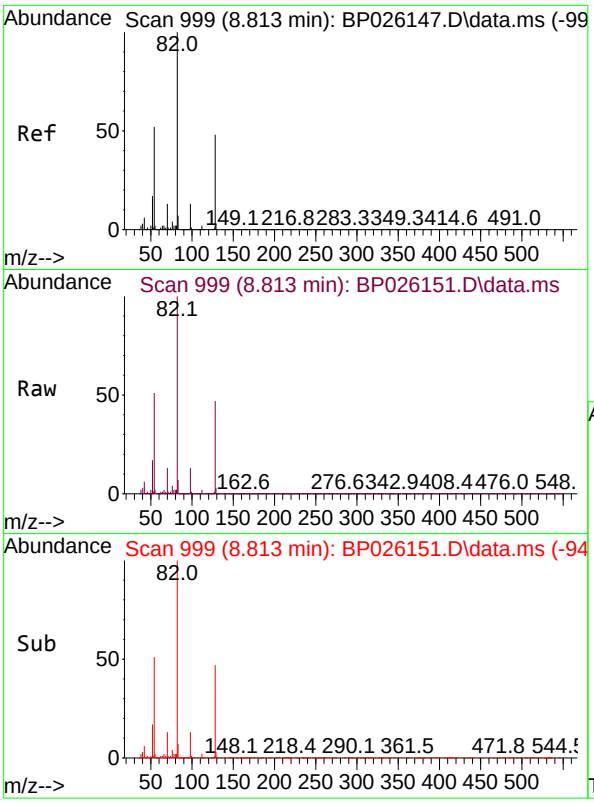


#22
Acetophenone
Concen: 39.758 ng
RT: 8.484 min Scan# 943
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:105 Resp: 1599641

Ion	Ratio	Lower	Upper
105	100		
71	5.4	3.0	4.4#
51	25.3	20.5	30.7
120	22.6	18.2	27.2

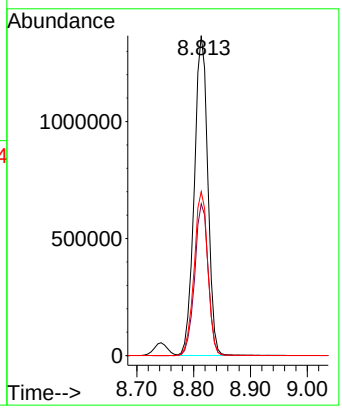




#23
Nitrobenzene-d5
Concen: 80.717 ng
RT: 8.813 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion: 82 Resp: 224936

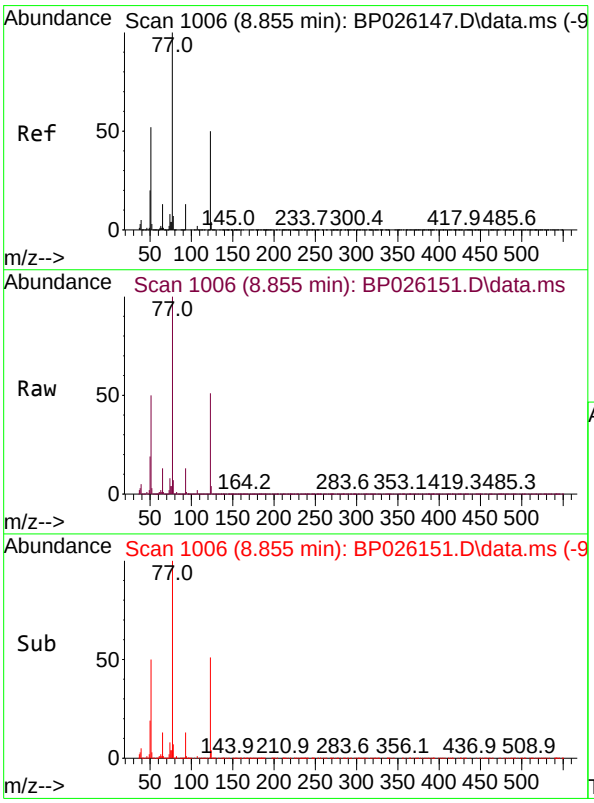
Ion	Ratio	Lower	Upper
82	100		
128	47.4	37.4	56.0
54	51.2	41.6	62.4



Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Manual Integrations
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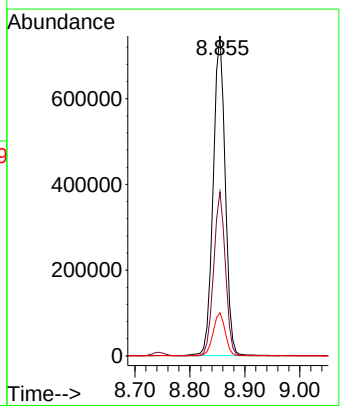
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

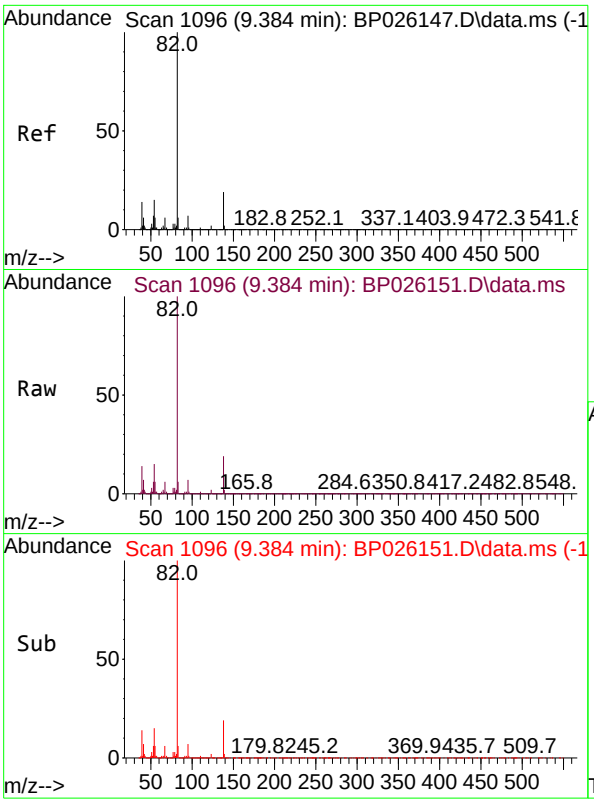


#24
Nitrobenzene
Concen: 40.166 ng
RT: 8.855 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion: 77 Resp: 1132232

Ion	Ratio	Lower	Upper
77	100		
123	51.3	39.8	59.8
65	13.5	11.2	16.8

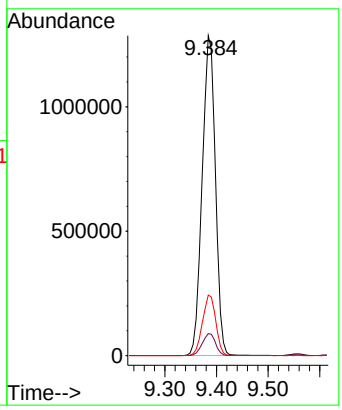




#25
Isophorone
Concen: 41.325 ng
RT: 9.384 min Scan# 10
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion: 82 Resp: 228303

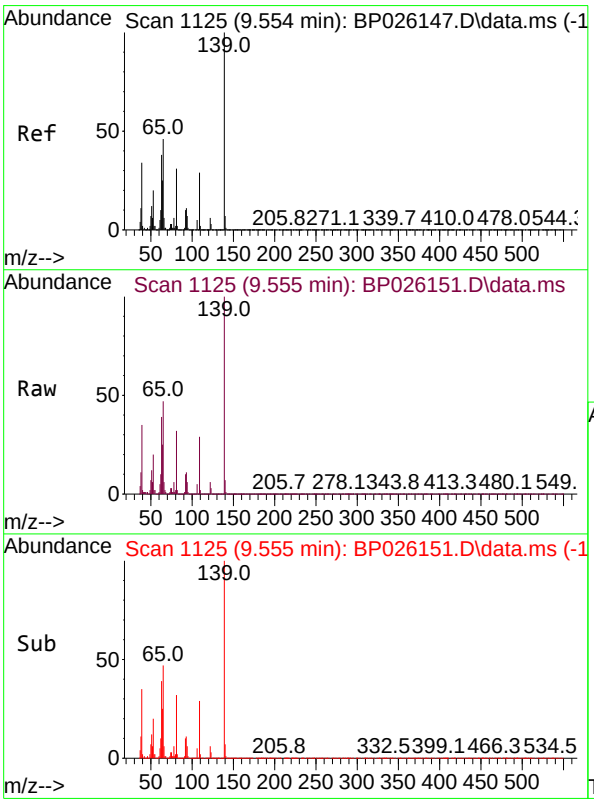
Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.4	8.0
138	18.9	15.4	23.0



Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Manual Integrations
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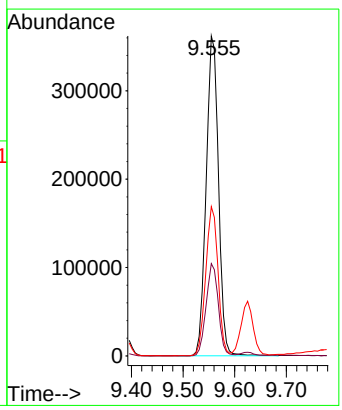
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

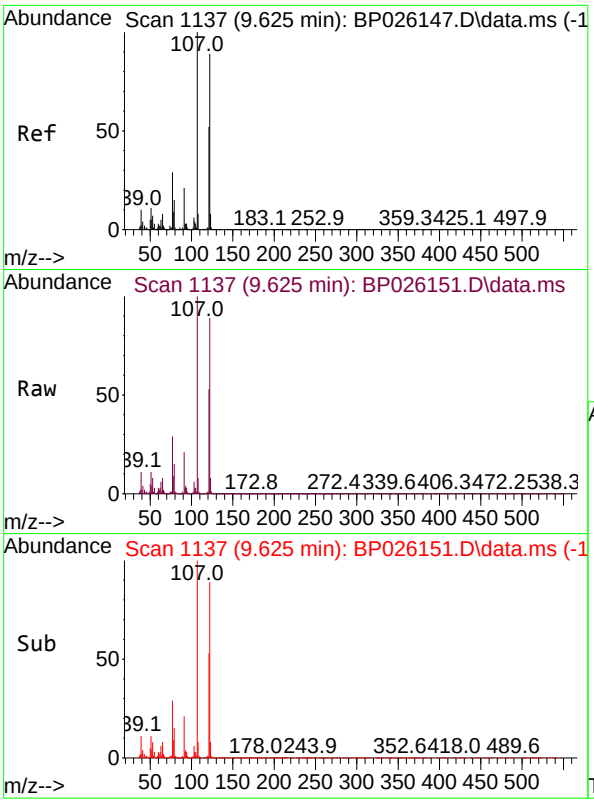


#26
2-Nitrophenol
Concen: 42.113 ng
RT: 9.555 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:139 Resp: 600692

Ion	Ratio	Lower	Upper
139	100		
109	28.8	22.3	33.5
65	46.7	37.2	55.8





#27
2,4-Dimethylphenol
Concen: 40.595 ng
RT: 9.625 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

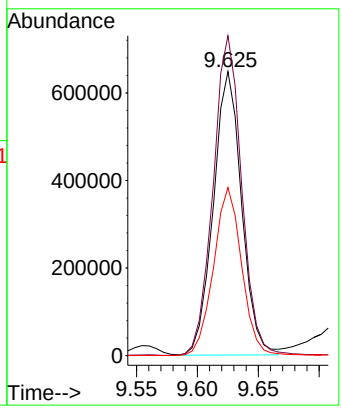
Tgt Ion:122 Resp: 104411

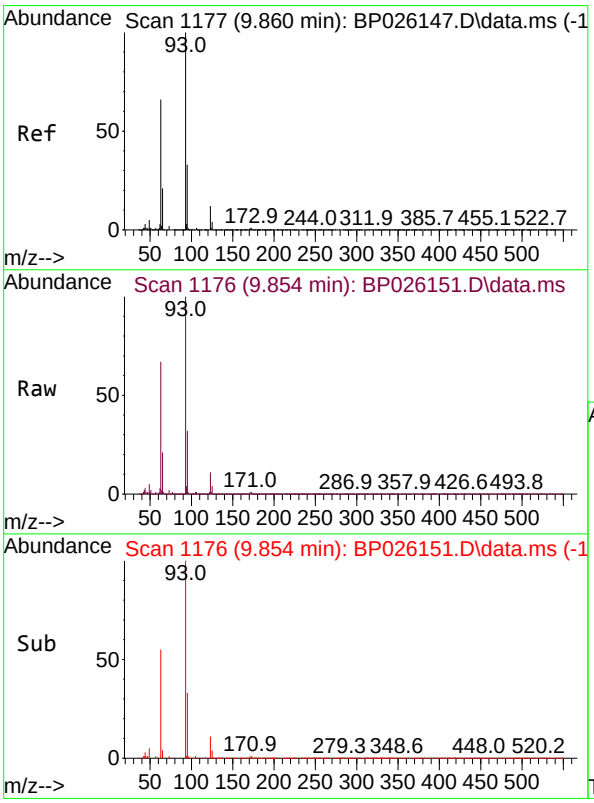
Ion	Ratio	Lower	Upper
122	100		
107	112.7	91.0	136.6
121	59.2	47.0	70.6

Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

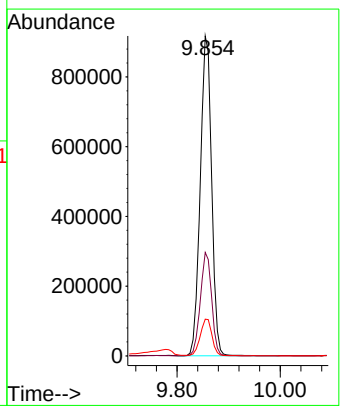


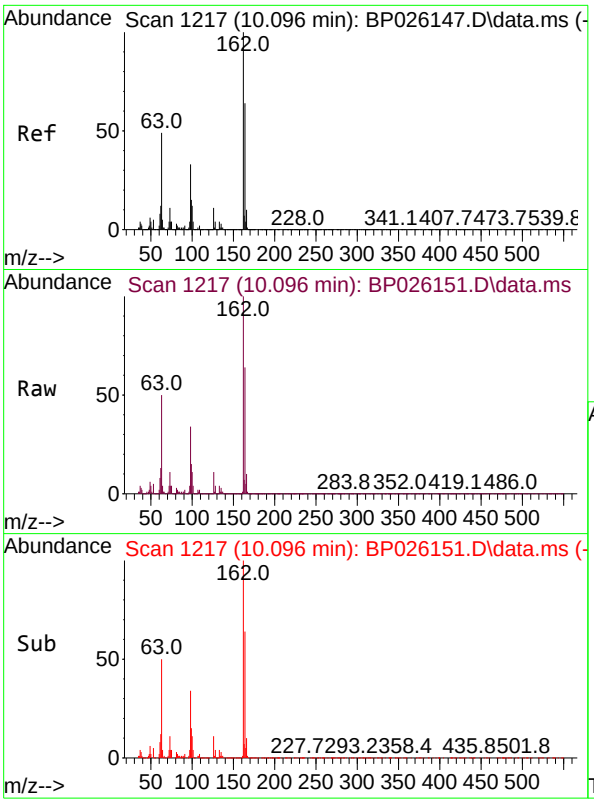


#28
bis(2-Chloroethoxy)methane
Concen: 40.412 ng
RT: 9.854 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion: 93 Resp: 1398232

Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.4	39.6
123	11.5	9.4	14.0

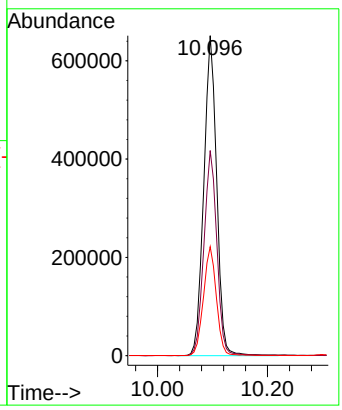




#29
2,4-Dichlorophenol
Concen: 41.185 ng
RT: 10.096 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:162 Resp: 105874

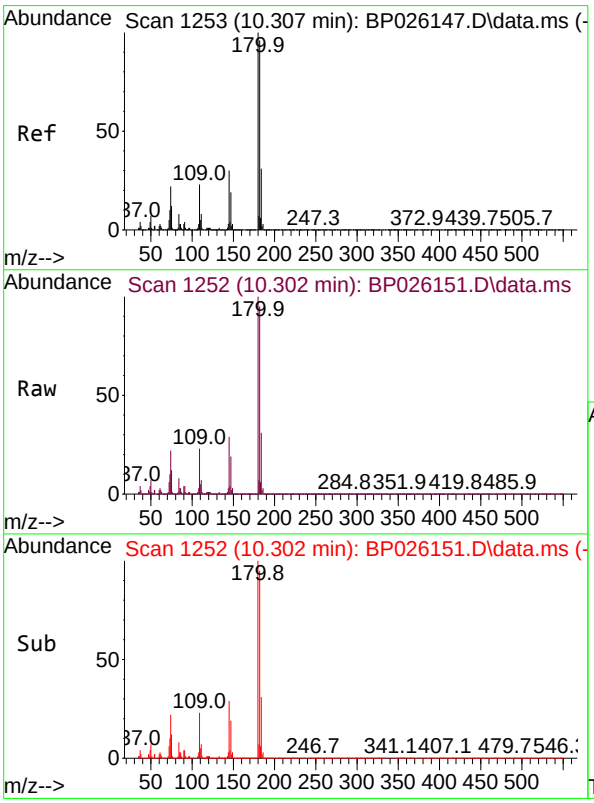
Ion	Ratio	Lower	Upper
162	100		
164	64.1	43.8	83.8
98	34.0	14.1	54.1



Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Manual Integrations
APPROVED

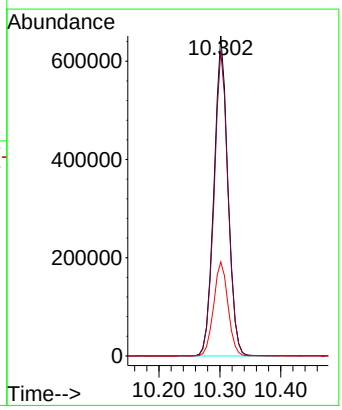
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

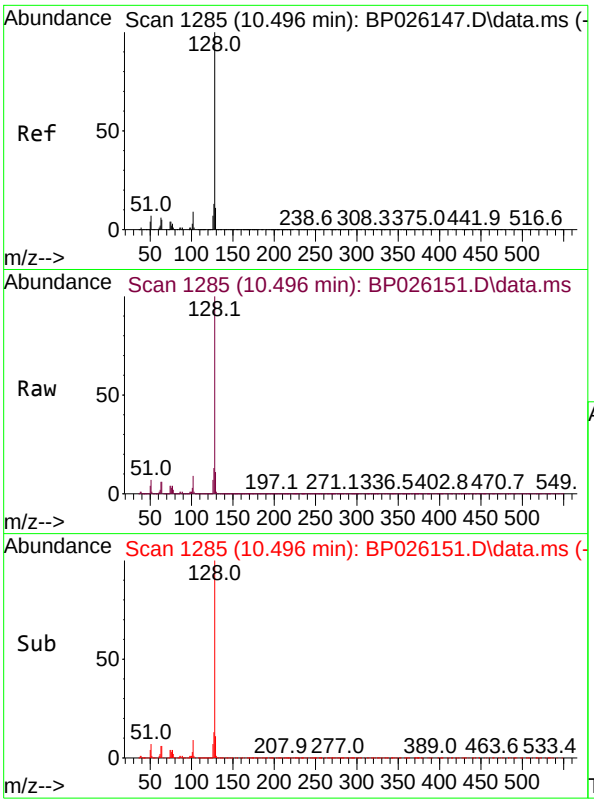


#30
1,2,4-Trichlorobenzene
Concen: 39.515 ng
RT: 10.302 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:180 Resp: 1034416

Ion	Ratio	Lower	Upper
180	100		
182	95.4	78.1	117.1
145	29.4	24.2	36.4

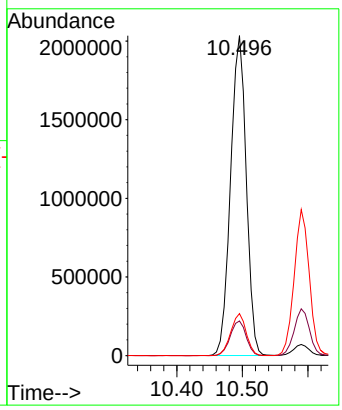




#31
Naphthalene
Concen: 39.543 ng
RT: 10.496 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:128 Resp: 3382899

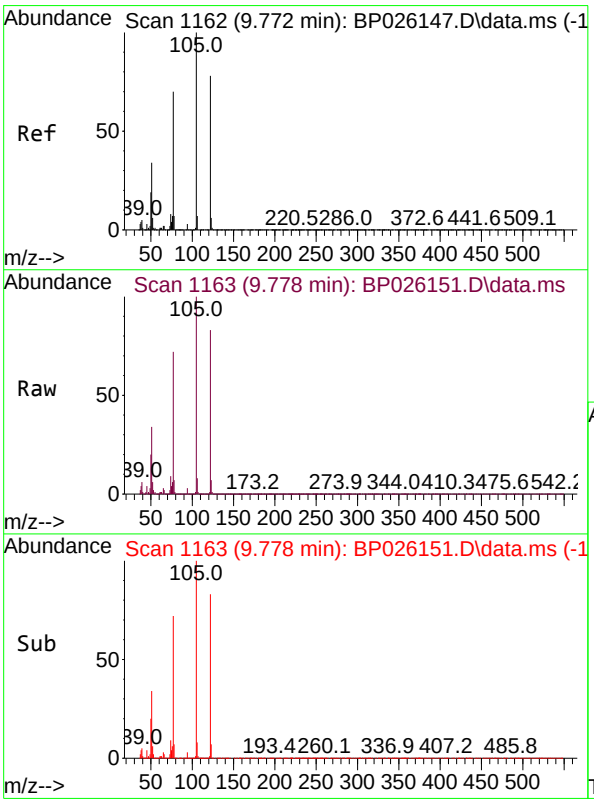
Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.6
127	13.1	10.2	15.4



Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Manual Integrations
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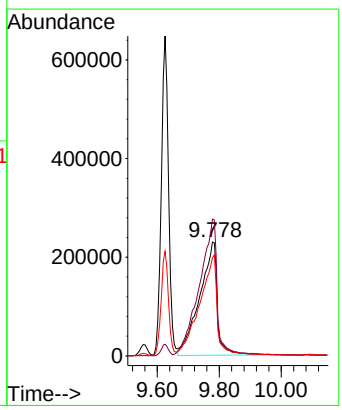
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

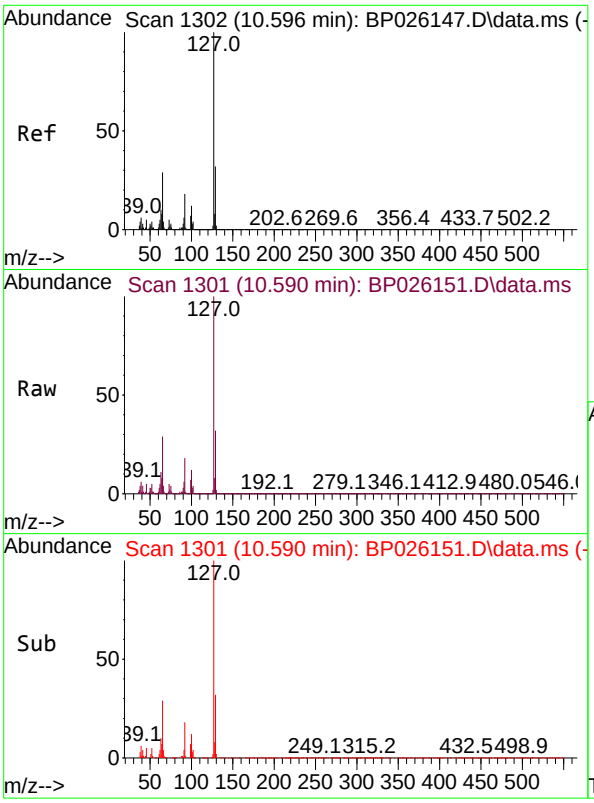


#32
Benzoic acid
Concen: 42.328 ng
RT: 9.778 min Scan# 1163
Delta R.T. 0.012 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:122 Resp: 916813

Ion	Ratio	Lower	Upper
122	100		
105	120.1	100.1	140.1
77	86.2	66.7	106.7

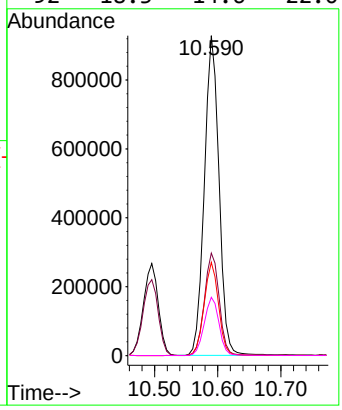




#33
4-Chloroaniline
Concen: 41.152 ng
RT: 10.590 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:127 Resp: 149715

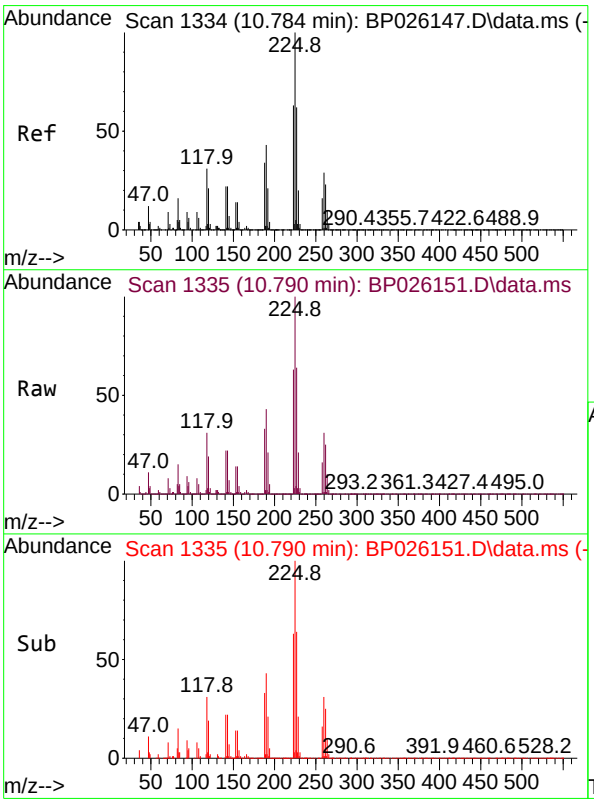
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.8	38.8
65	29.1	22.7	34.1
92	18.3	14.6	22.0



Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Manual Integrations
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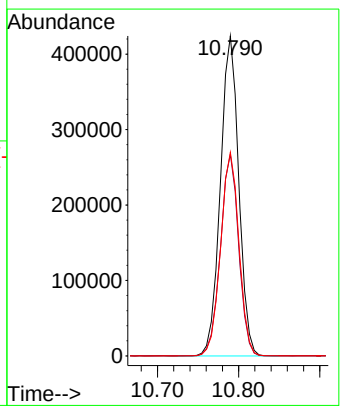
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

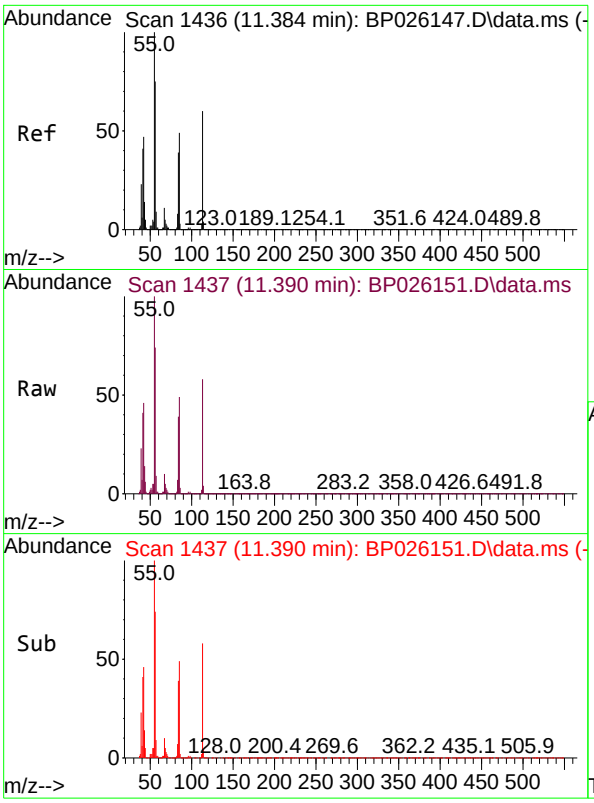


#34
Hexachlorobutadiene
Concen: 38.979 ng
RT: 10.790 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:225 Resp: 663620

Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.6	74.4
227	63.6	51.2	76.8





#35
Caprolactam
Concen: 41.978 ng
RT: 11.390 min Scan# 14
Delta R.T. 0.012 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

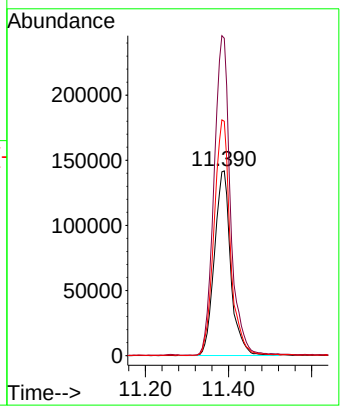
Tgt Ion:113 Resp: 38641

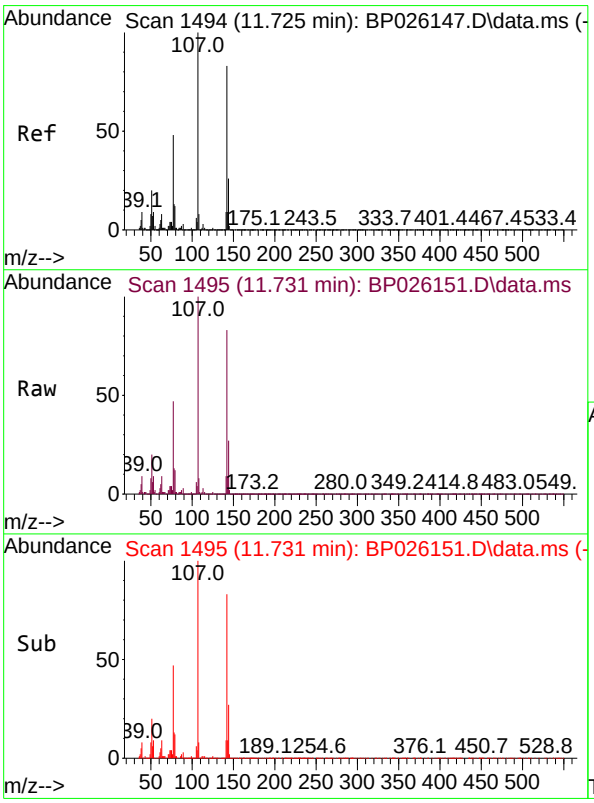
Ion	Ratio	Lower	Upper
113	100		
55	171.8	153.0	193.0
56	126.8	106.4	146.4

Instrument :
BNA_P
ClientSampleId :
ICVBP111825

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Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

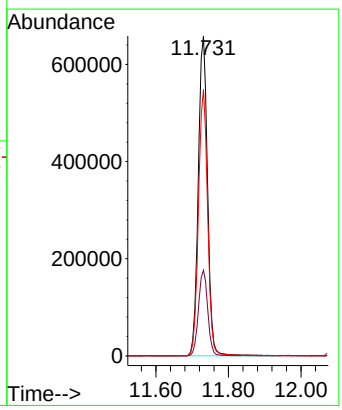


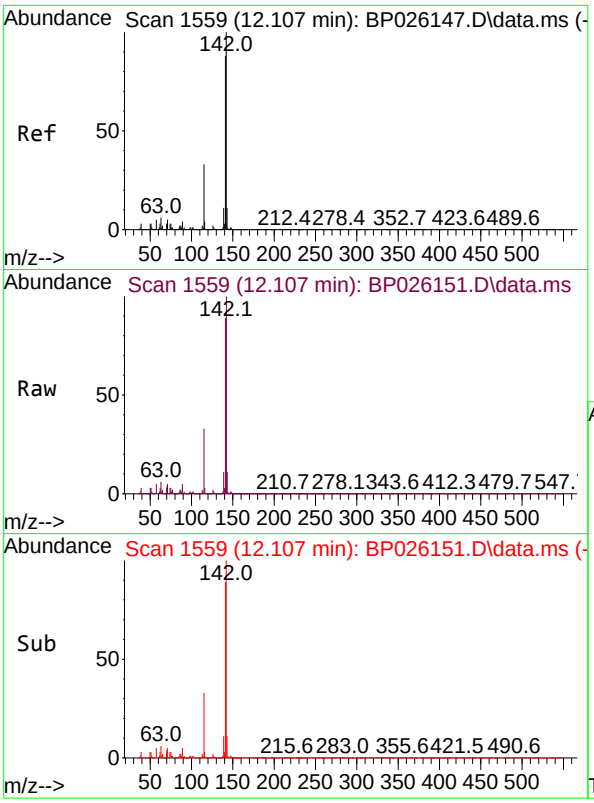


#36
4-Chloro-3-methylphenol
Concen: 42.798 ng
RT: 11.731 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:107 Resp: 1169352

Ion	Ratio	Lower	Upper
107	100		
144	26.8	21.6	32.4
142	83.3	65.6	98.4

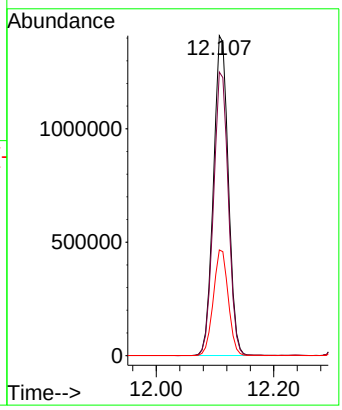




#37
2-Methylnaphthalene
Concen: 40.901 ng
RT: 12.107 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:142 Resp: 248061

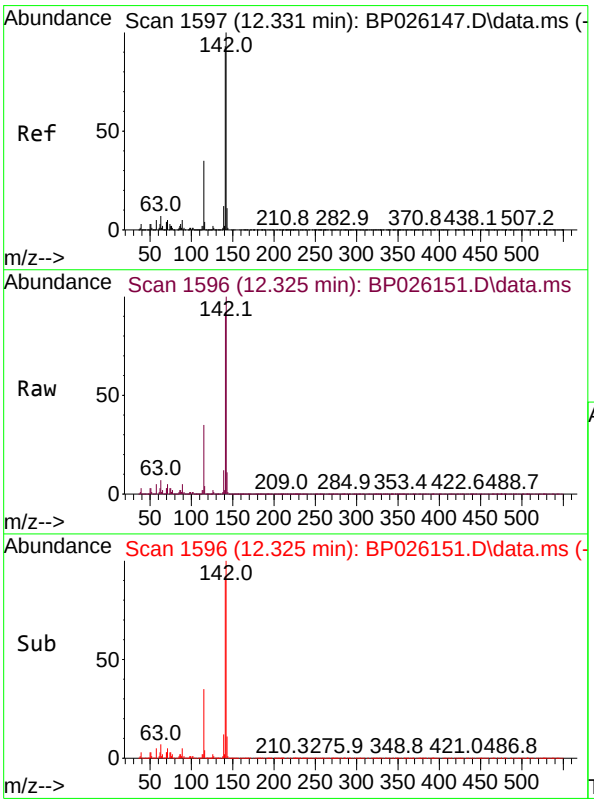
Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.0	106.6
115	33.0	26.6	39.8



Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Manual Integrations
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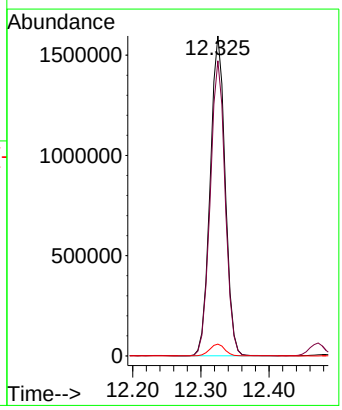
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

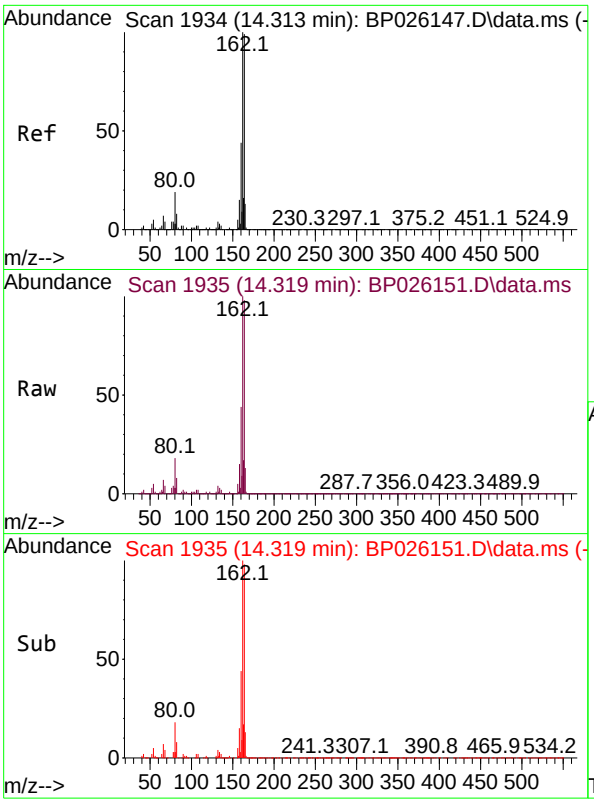


#38
1-Methylnaphthalene
Concen: 41.101 ng
RT: 12.325 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:142 Resp: 2436446

Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.5	110.3
116	3.7	3.0	4.4

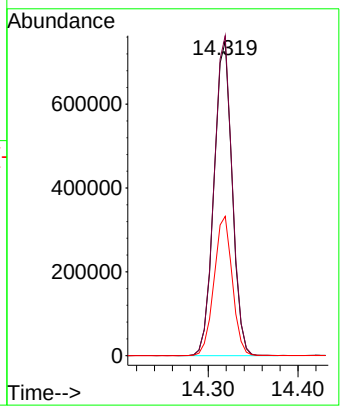




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.319 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:164 Resp: 106011

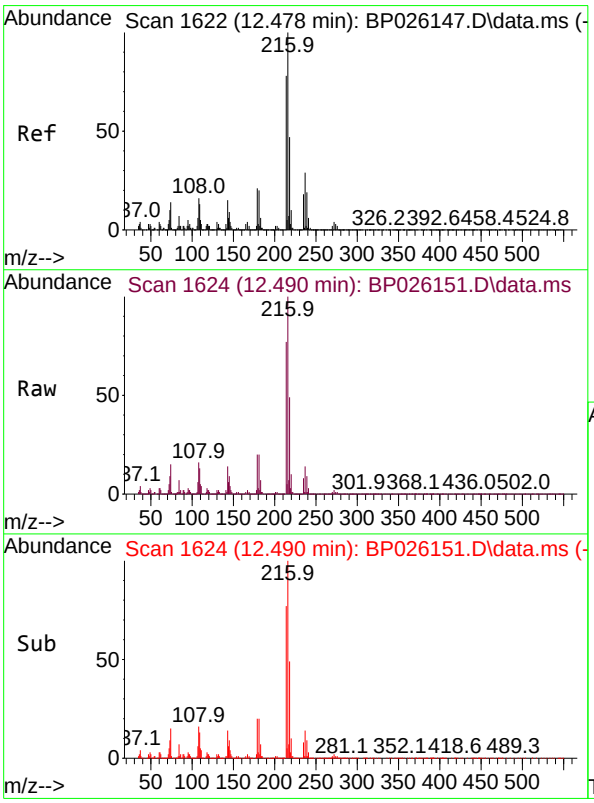
Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.3	120.5
160	44.3	35.2	52.8



Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Manual Integrations
APPROVED

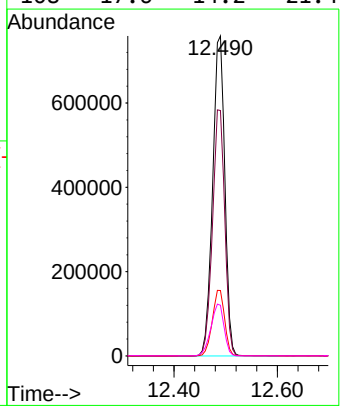
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

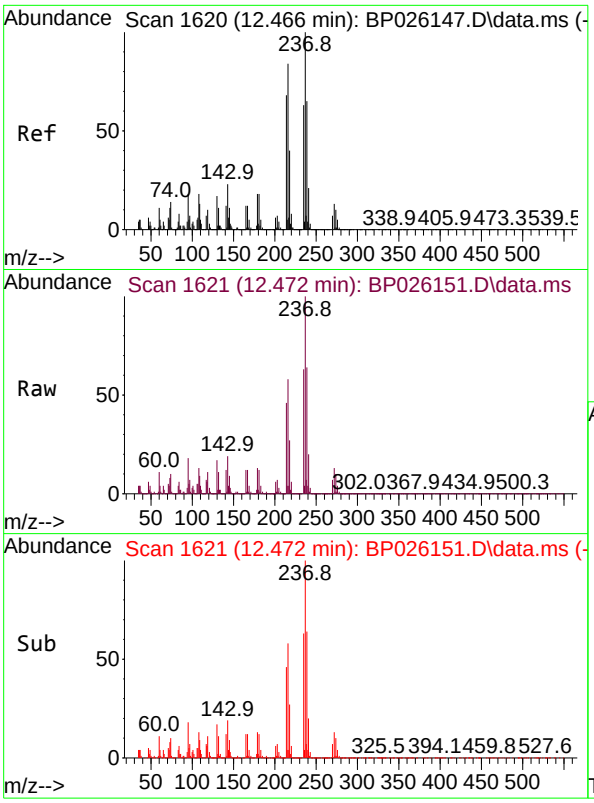


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.653 ng
RT: 12.490 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:216 Resp: 1239031

Ion	Ratio	Lower	Upper
216	100		
214	77.5	62.6	94.0
179	20.8	16.6	25.0
108	17.6	14.2	21.4

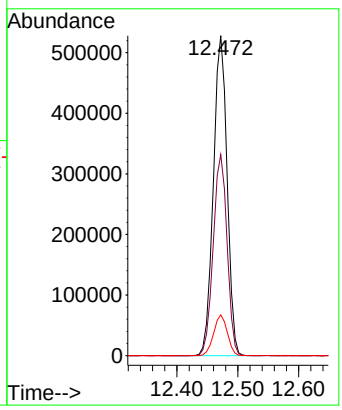




#41
Hexachlorocyclopentadiene
Concen: 39.451 ng
RT: 12.472 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:237 Resp: 82763

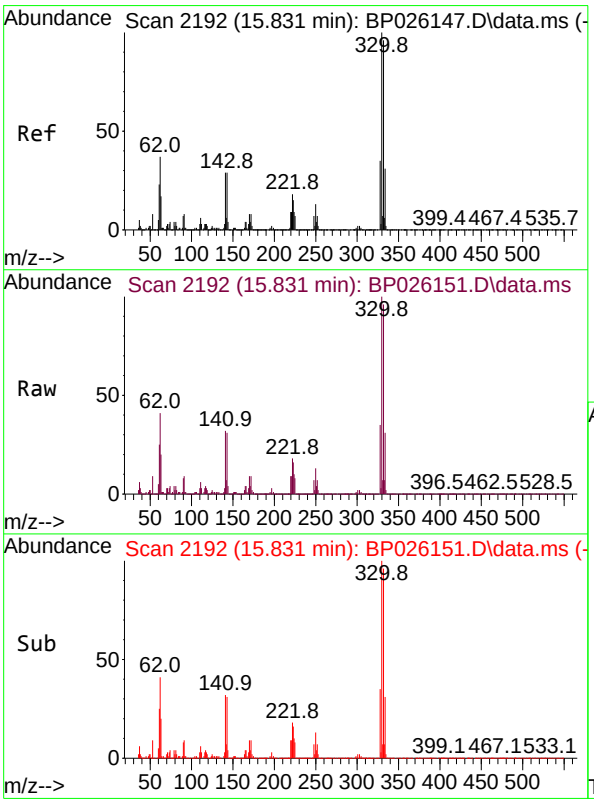
Ion	Ratio	Lower	Upper
237	100		
235	62.8	43.3	83.3
272	12.7	0.0	32.9



Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Manual Integrations
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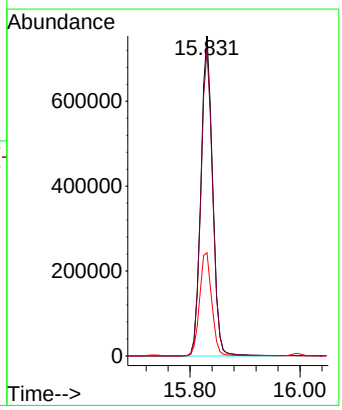
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

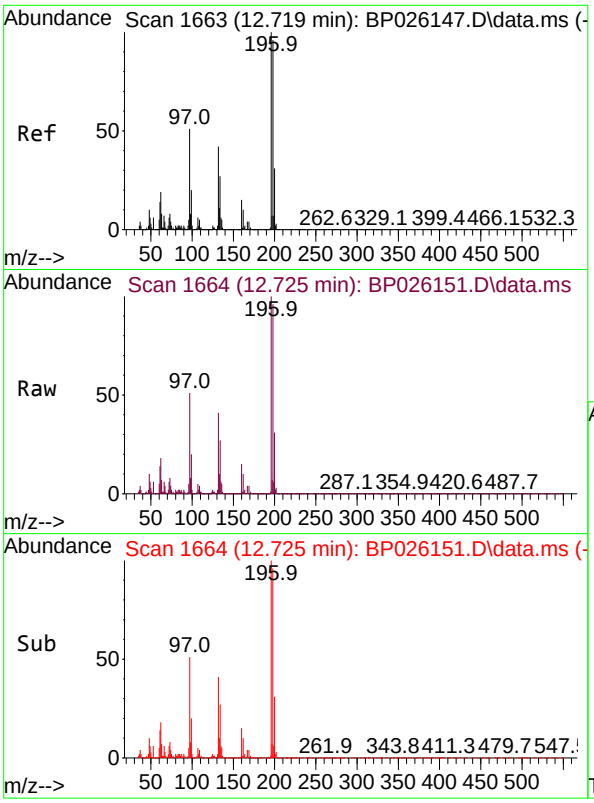


#42
2,4,6-Tribromophenol
Concen: 80.522 ng
RT: 15.831 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:330 Resp: 1107358

Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.0	117.0
141	33.5	26.8	40.2

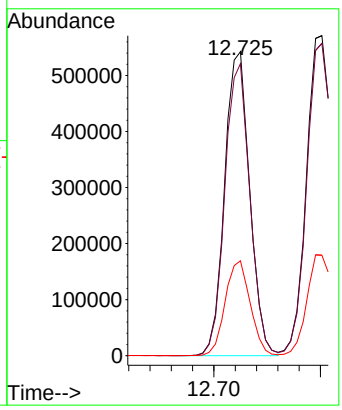




#43
2,4,6-Trichlorophenol
Concen: 40.482 ng
RT: 12.725 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:196 Resp: 88962

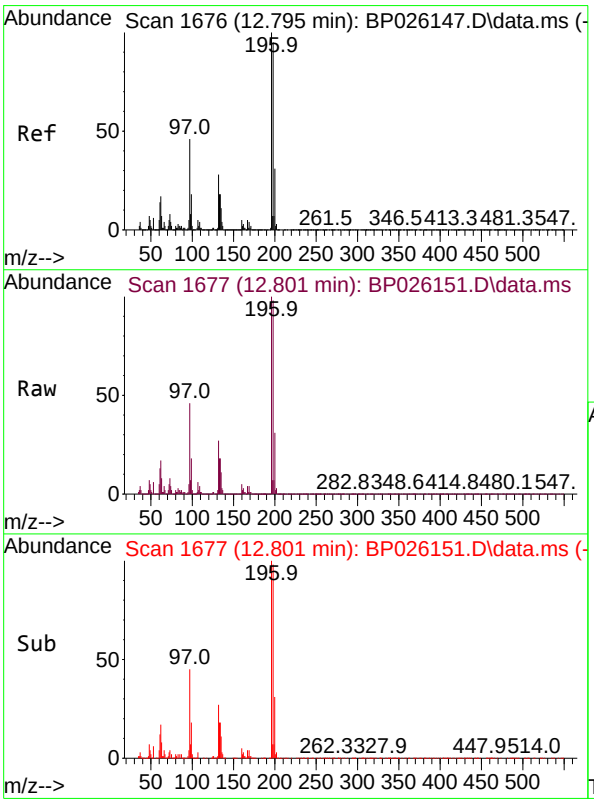
Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.9	115.3
200	31.2	24.6	37.0



Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Manual Integrations
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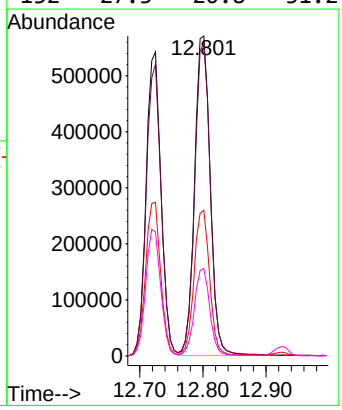
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

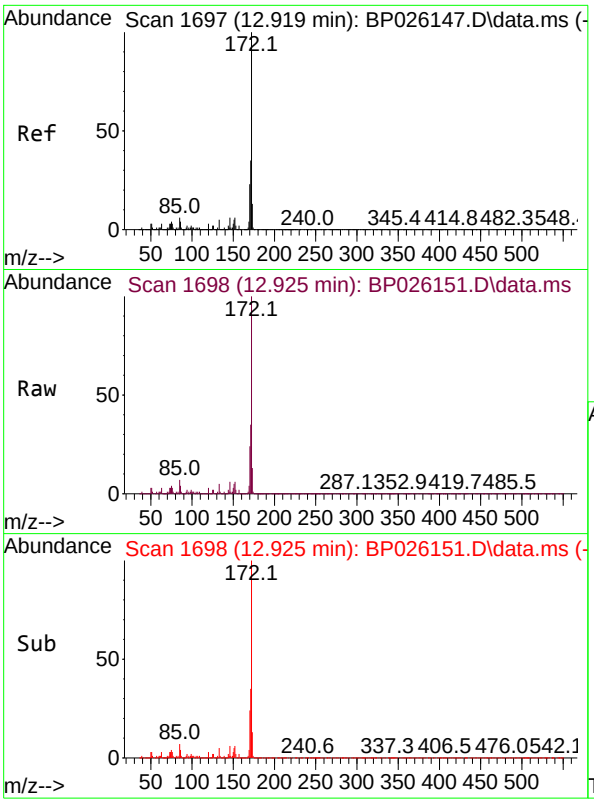


#44
2,4,5-Trichlorophenol
Concen: 40.200 ng
RT: 12.801 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:196 Resp: 986131

Ion	Ratio	Lower	Upper
196	100		
198	97.6	76.4	114.6
97	45.5	35.7	53.5
132	27.3	20.8	31.2

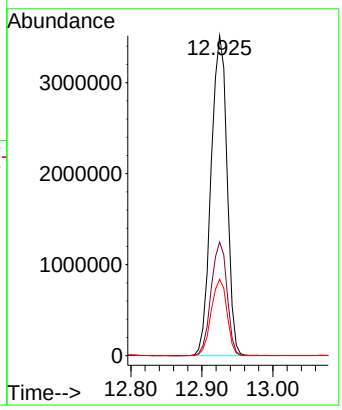




#45
2-Fluorobiphenyl
Concen: 76.016 ng
RT: 12.925 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:172 Resp: 549847

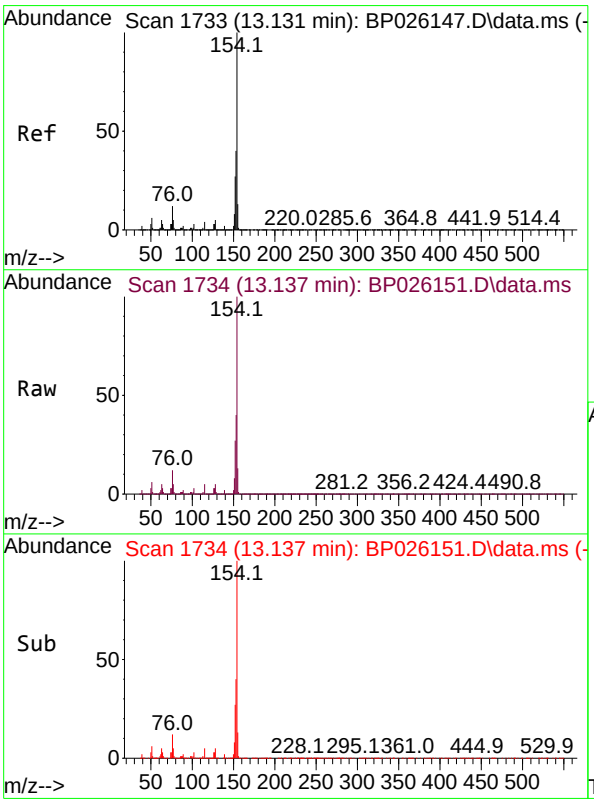
Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.2	42.4
170	23.8	18.7	28.1



Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Manual Integrations
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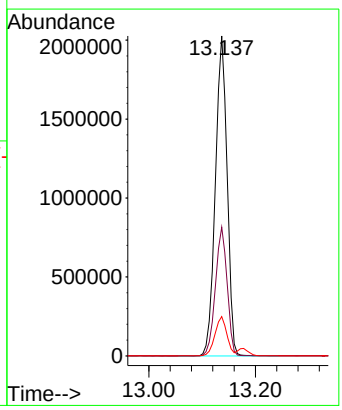
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

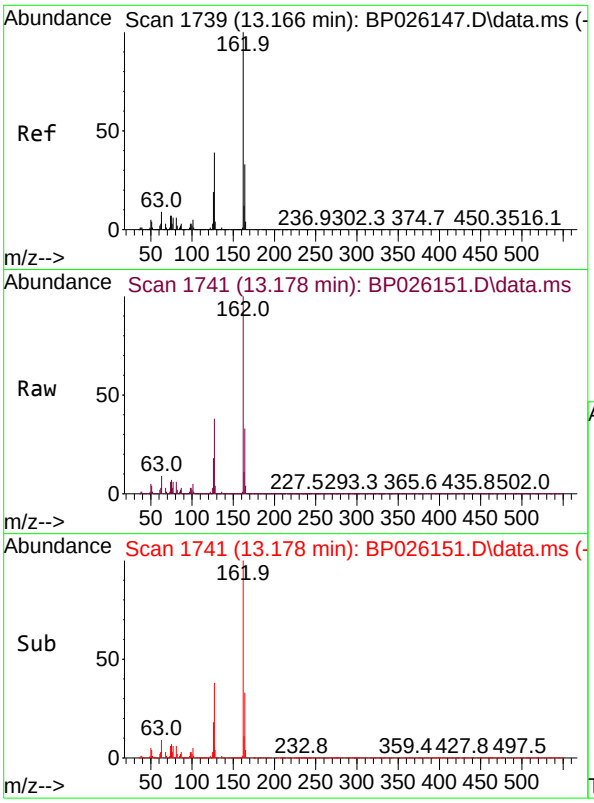


#46
1,1'-Biphenyl
Concen: 38.891 ng
RT: 13.137 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:154 Resp: 3104503

Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.3	60.3
76	12.3	0.0	32.3

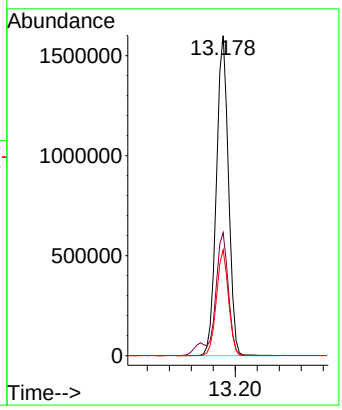




#47
2-Chloronaphthalene
Concen: 38.816 ng
RT: 13.178 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:162 Resp: 243652

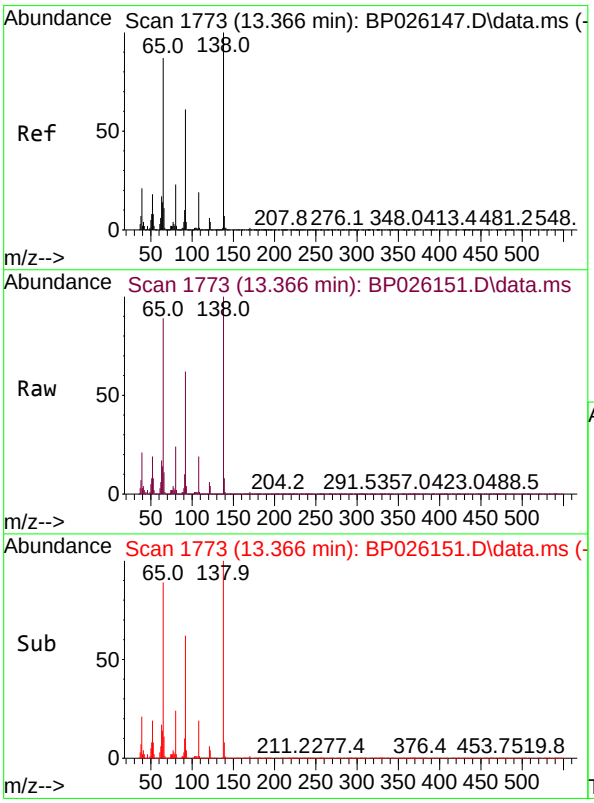
Ion	Ratio	Lower	Upper
162	100		
127	38.4	30.9	46.3
164	33.1	26.4	39.6



Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Manual Integrations
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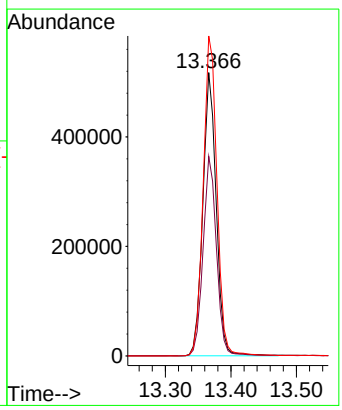
Reviewed By :Jagrut Upadhyay 11/19/2025
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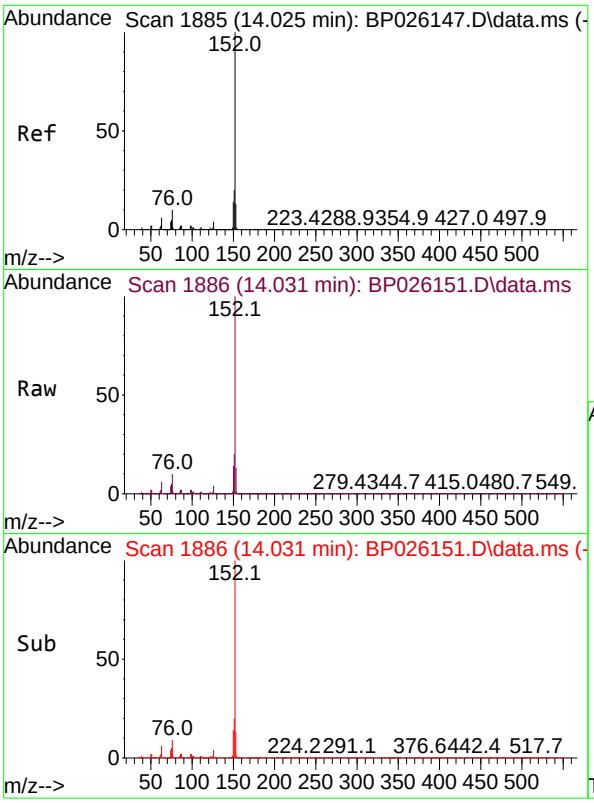


#48
2-Nitroaniline
Concen: 41.880 ng
RT: 13.366 min Scan# 1773
Delta R.T. -0.012 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion: 65 Resp: 731047

Ion	Ratio	Lower	Upper
65	100		
92	70.4	59.1	88.7
138	112.9	96.6	145.0

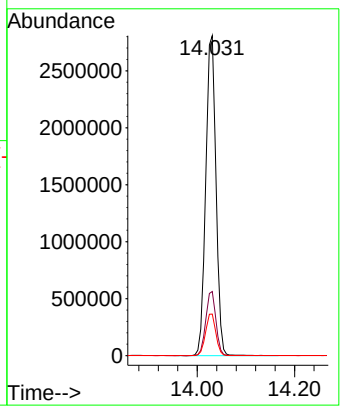




#49
Acenaphthylene
Concen: 39.676 ng
RT: 14.031 min Scan# 18
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:152 Resp: 410811

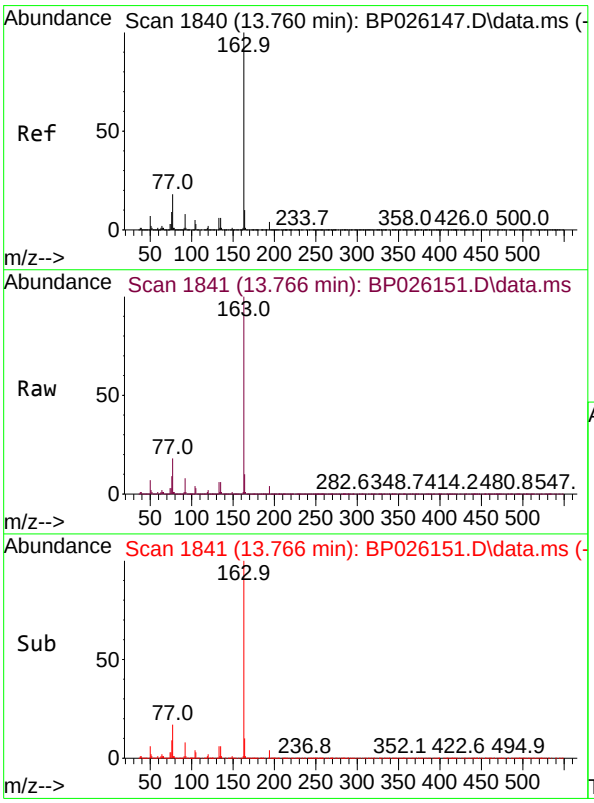
Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.8
153	13.0	10.6	16.0



Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Manual Integrations
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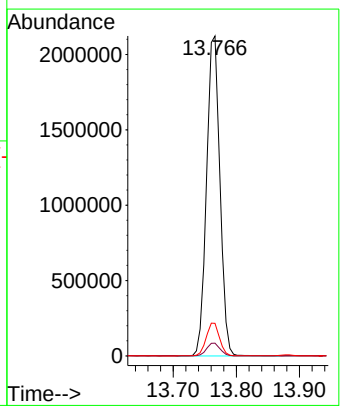
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

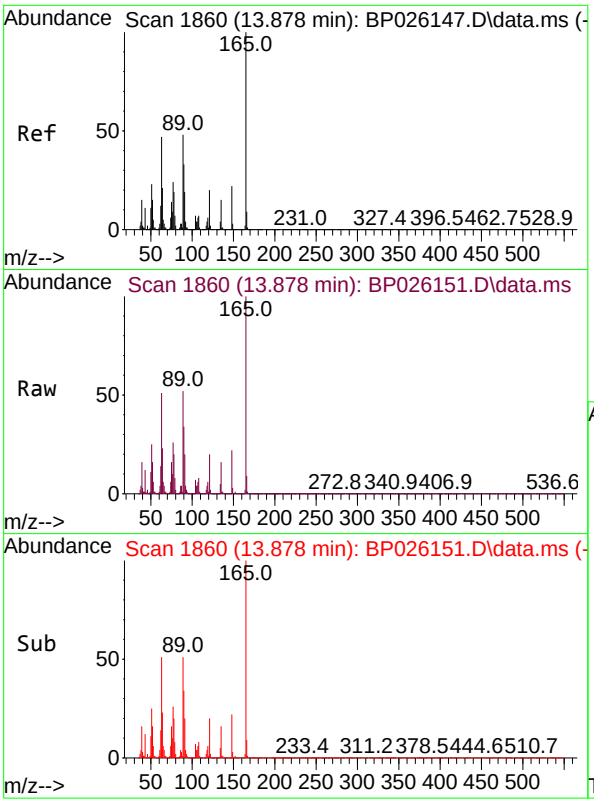


#50
Dimethylphthalate
Concen: 39.365 ng
RT: 13.766 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:163 Resp: 3116904

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.2	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 43.045 ng
RT: 13.878 min Scan# 18
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

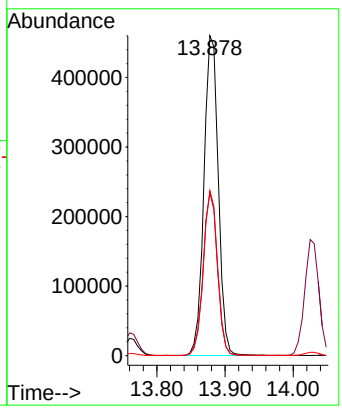
Tgt Ion:165 Resp: 675339

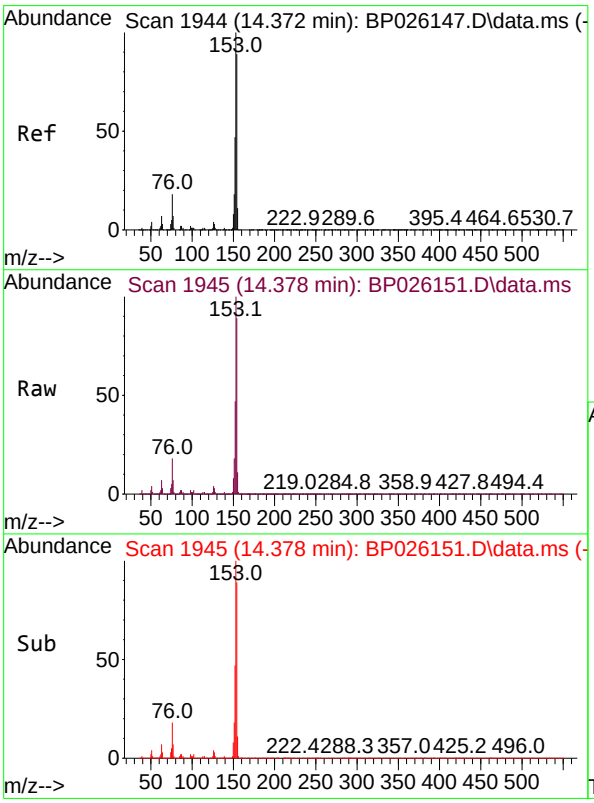
Ion	Ratio	Lower	Upper
165	100		
63	50.9	40.5	60.7
89	51.5	41.3	61.9

Instrument :
BNA_P
ClientSampleId :
ICVBP111825

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Reviewed By :Jagrut Upadhyay 11/19/2025
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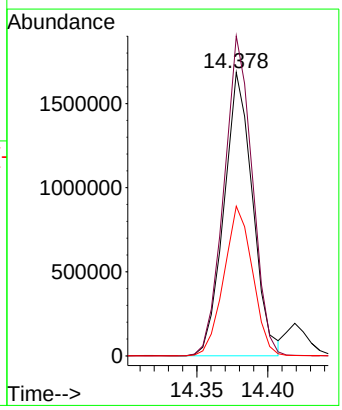


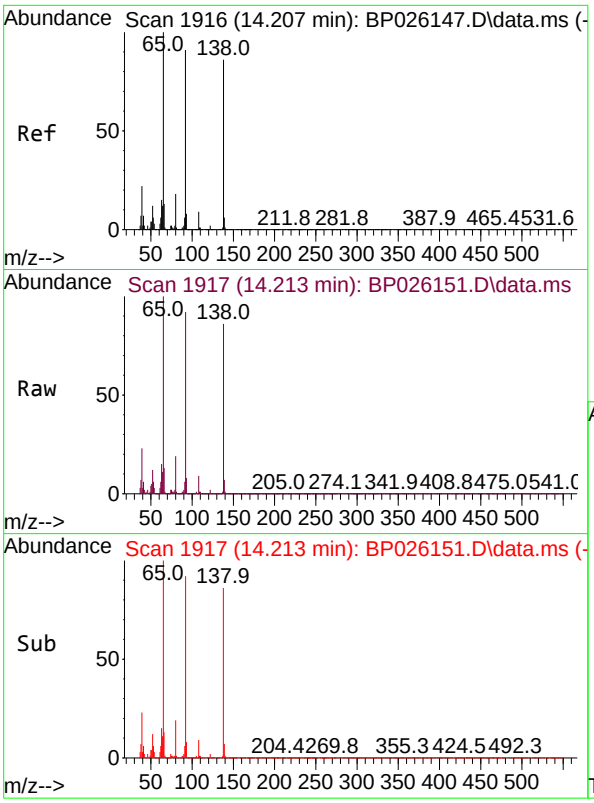


#52
Acenaphthene
Concen: 38.919 ng
RT: 14.378 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:154 Resp: 2361523

Ion	Ratio	Lower	Upper
154	100		
153	112.9	90.7	136.1
152	52.8	42.8	64.2

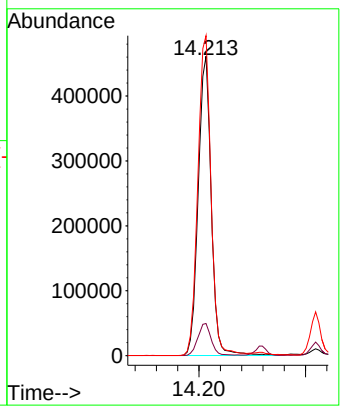




#53
3-Nitroaniline
Concen: 42.369 ng
RT: 14.213 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:138 Resp: 78267

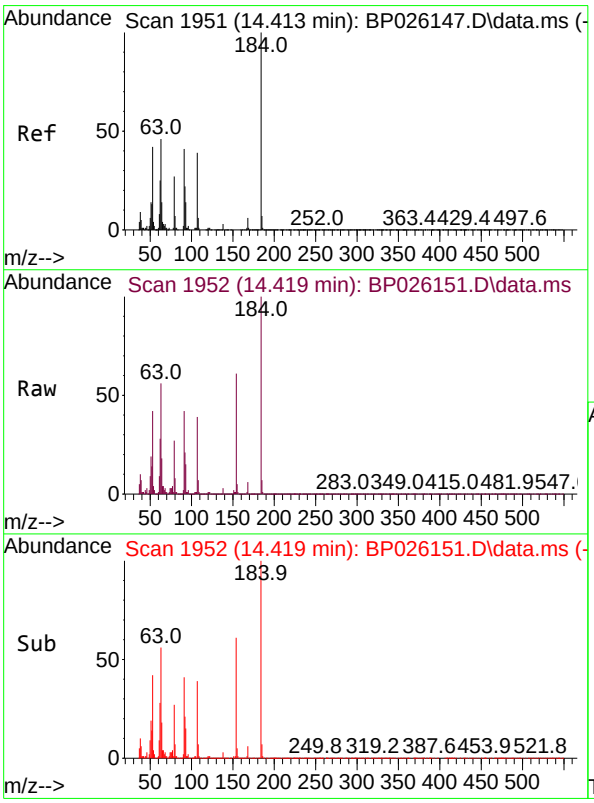
Ion	Ratio	Lower	Upper
138	100		
108	10.7	8.9	13.3
92	106.9	86.3	129.5



Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Manual Integrations APPROVED

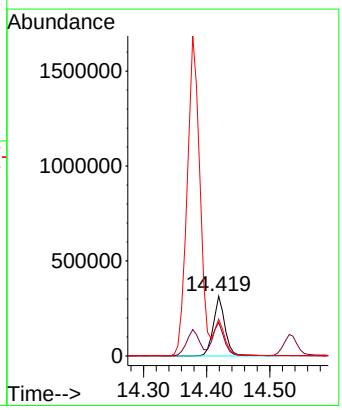
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

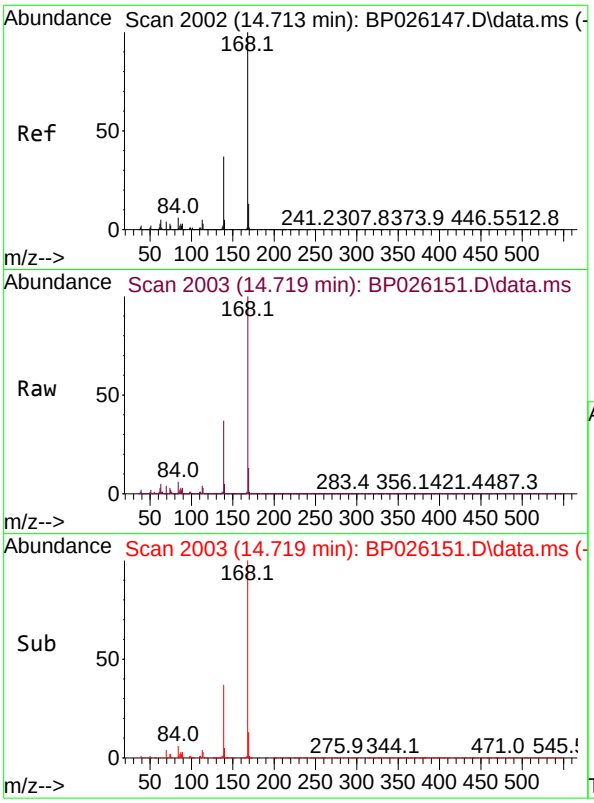


#54
2,4-Dinitrophenol
Concen: 42.569 ng
RT: 14.419 min Scan# 1952
Delta R.T. -0.012 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:184 Resp: 403157

Ion	Ratio	Lower	Upper
184	100		
63	56.0	43.1	64.7
154	61.3	49.5	74.3

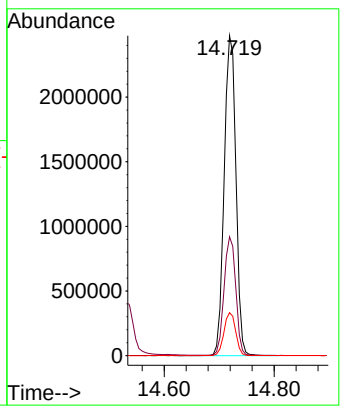




#55
Dibenzofuran
Concen: 39.037 ng
RT: 14.719 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:168 Resp: 366877

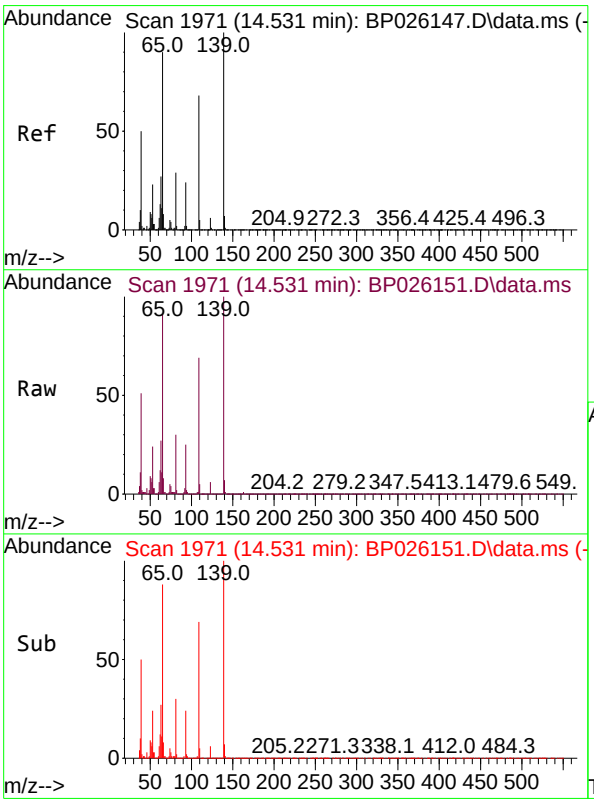
Ion	Ratio	Lower	Upper
168	100		
139	37.1	29.8	44.6
169	13.4	10.9	16.3



Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Manual Integrations
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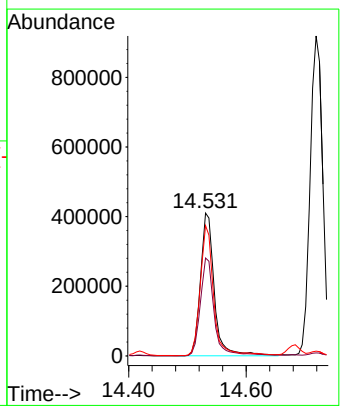
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

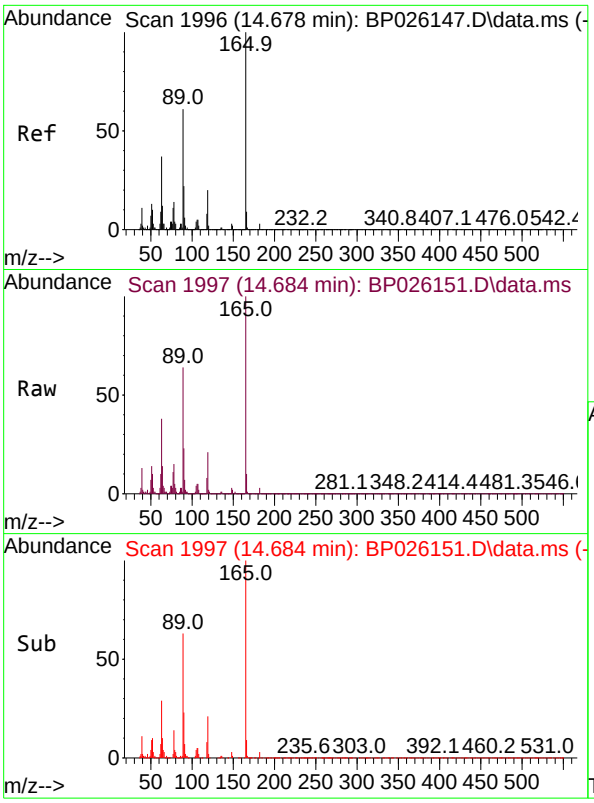


#56
4-Nitrophenol
Concen: 40.312 ng
RT: 14.531 min Scan# 1971
Delta R.T. -0.012 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:139 Resp: 673671

Ion	Ratio	Lower	Upper
139	100		
109	68.6	46.8	86.8
65	91.3	69.3	109.3

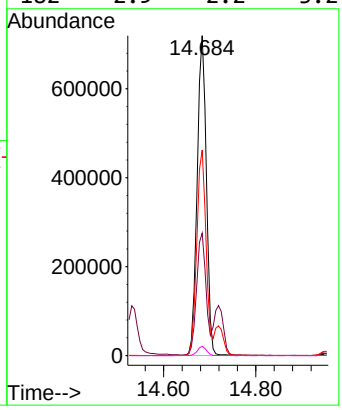




#57
2,4-Dinitrotoluene
Concen: 42.577 ng
RT: 14.684 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:165 Resp: 99742

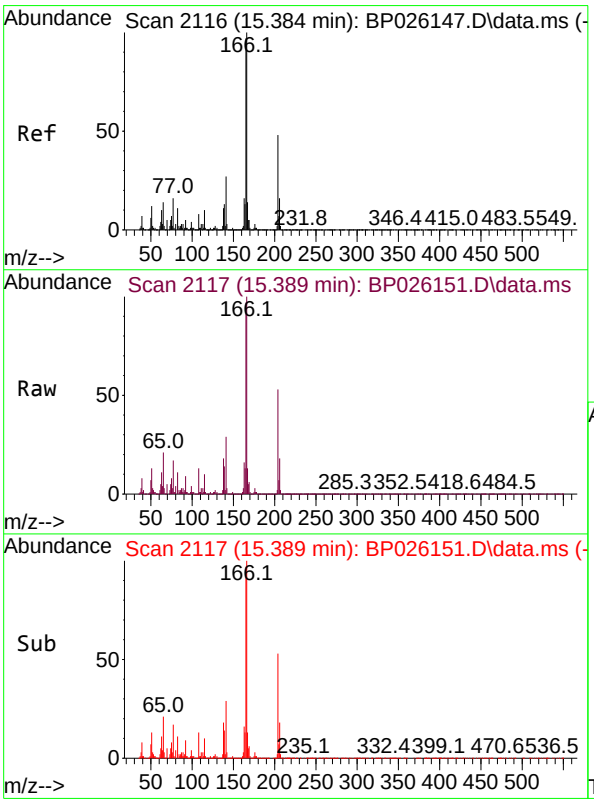
Ion	Ratio	Lower	Upper
165	100		
63	38.3	31.0	46.6
89	64.3	51.7	77.5
182	2.9	2.2	3.2



Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Manual Integrations
APPROVED

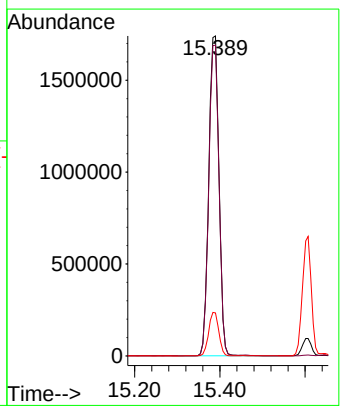
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

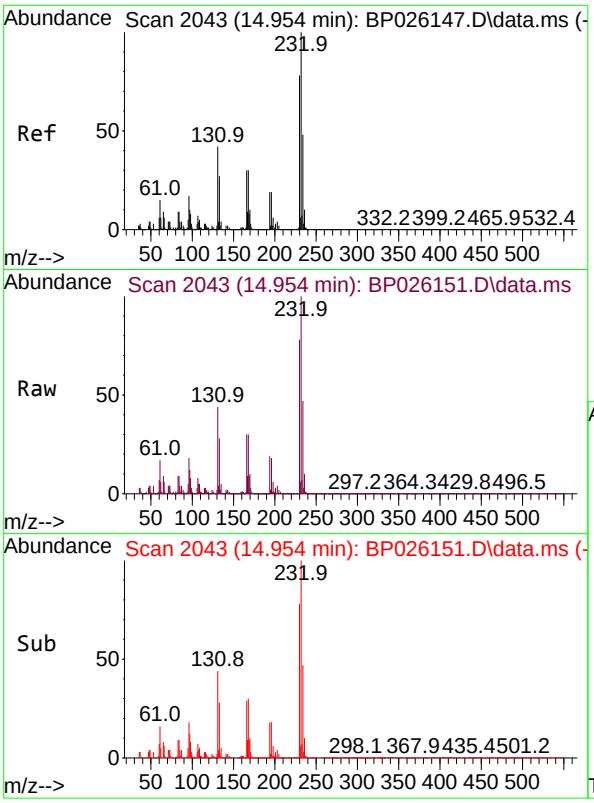


#58
Fluorene
Concen: 38.962 ng
RT: 15.389 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:166 Resp: 2894223

Ion	Ratio	Lower	Upper
166	100		
165	97.1	77.9	116.9
167	13.5	11.0	16.4

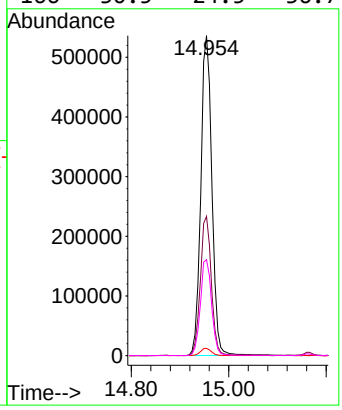




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.668 ng
RT: 14.954 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:232 Resp: 846319

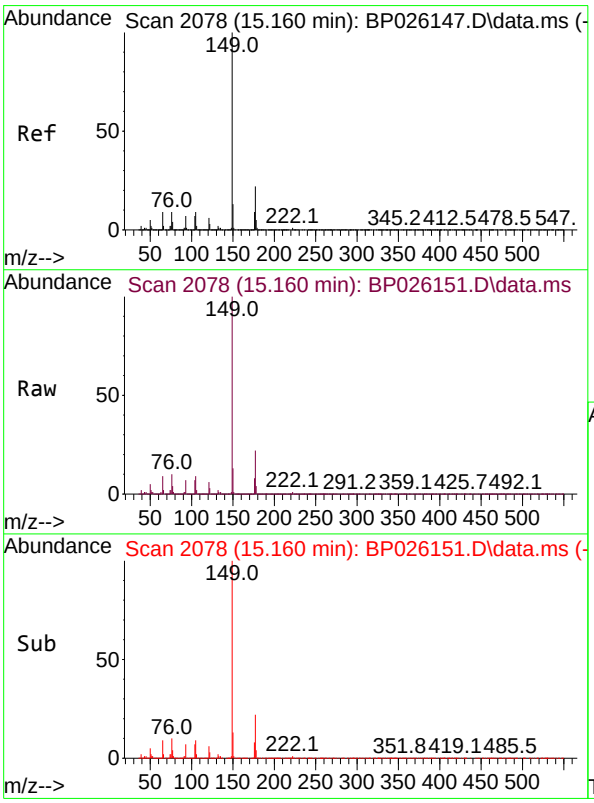
Ion	Ratio	Lower	Upper
232	100		
131	43.1	34.8	52.2
130	2.3	1.8	2.8
166	30.5	24.5	36.7



Instrument :
BNA_P
ClientSampleId :
ICVBP111825

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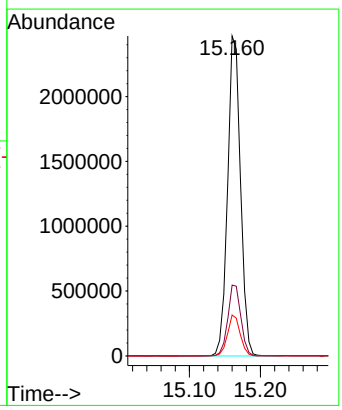
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

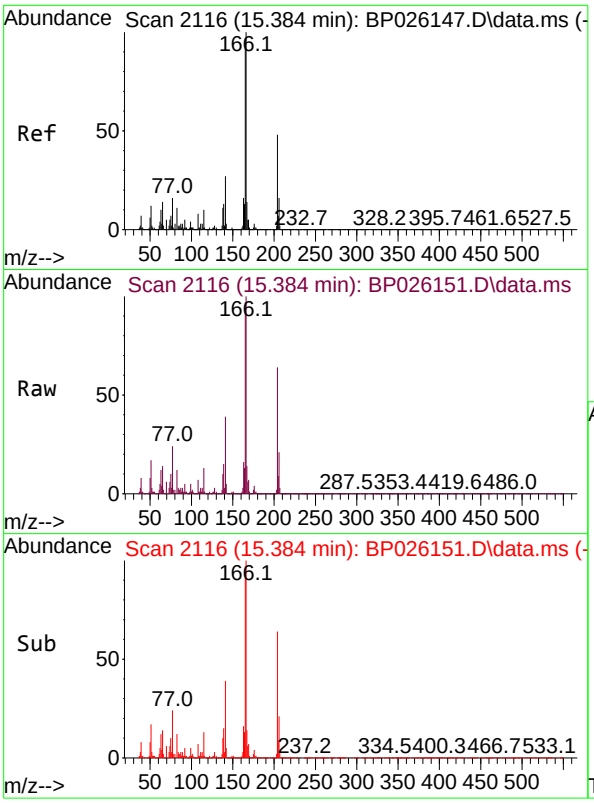


#60
Diethylphthalate
Concen: 39.059 ng
RT: 15.160 min Scan# 2078
Delta R.T. -0.012 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:149 Resp: 3115428

Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.9	26.9
150	12.8	9.9	14.9





#61
4-Chlorophenyl-phenylether
Concen: 38.882 ng
RT: 15.384 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

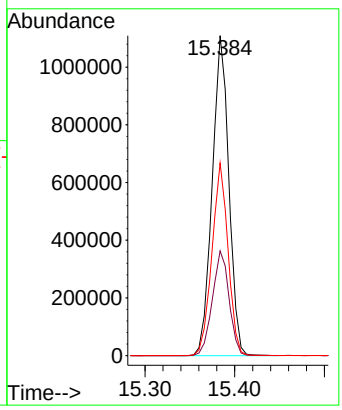
Tgt Ion:204 Resp: 143711

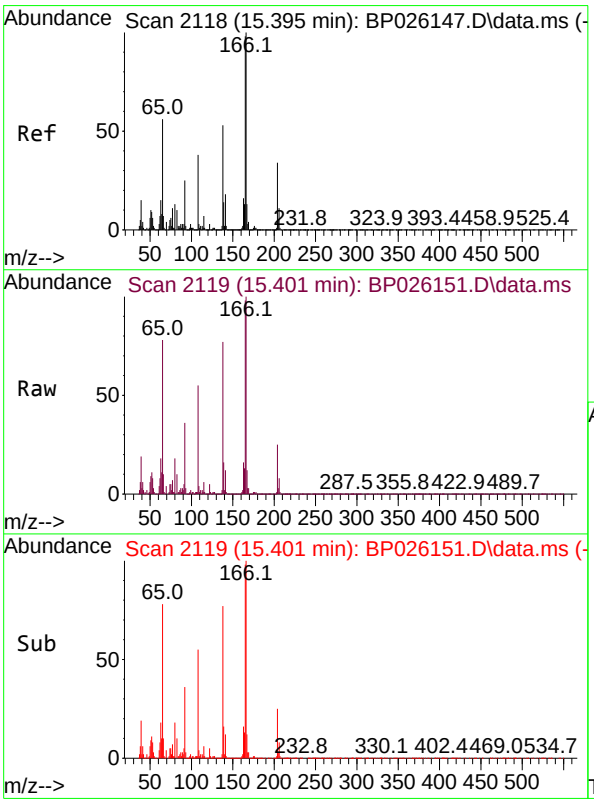
Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.2	39.2
141	60.2	48.1	72.1

Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

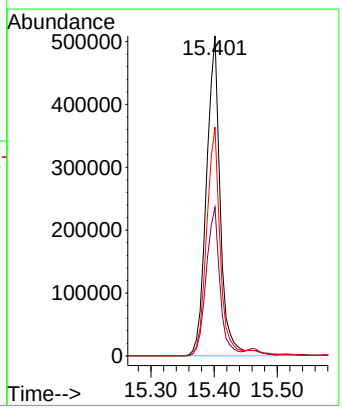


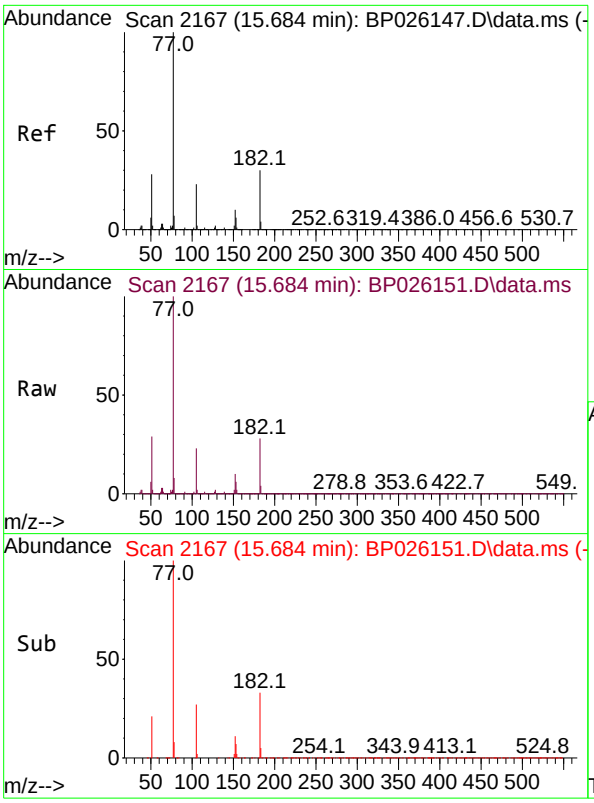


#62
4-Nitroaniline
Concen: 40.700 ng
RT: 15.401 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:138 Resp: 780732

Ion	Ratio	Lower	Upper
138	100		
92	46.4	27.5	67.5
108	71.5	51.1	91.1





#63
Azobenzene
Concen: 39.832 ng
RT: 15.684 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

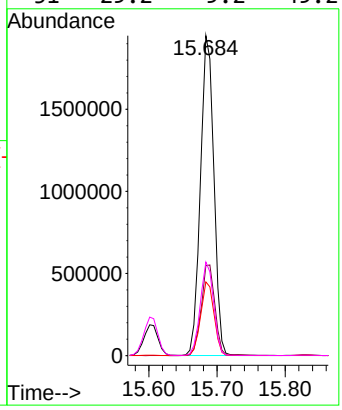
Instrument :
BNA_P
ClientSampleId :
ICVBP111825

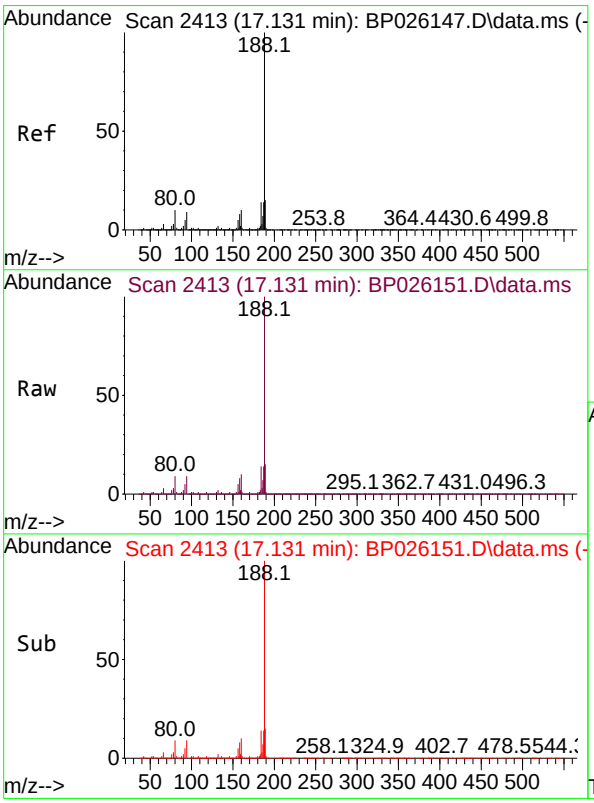
Tgt Ion: 77 Resp: 267892

Ion	Ratio	Lower	Upper
77	100		
182	28.1	8.8	48.8
105	23.0	2.6	42.6
51	29.2	9.2	49.2

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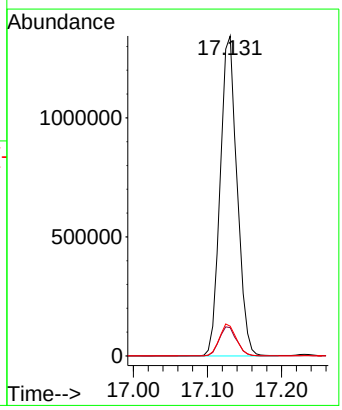


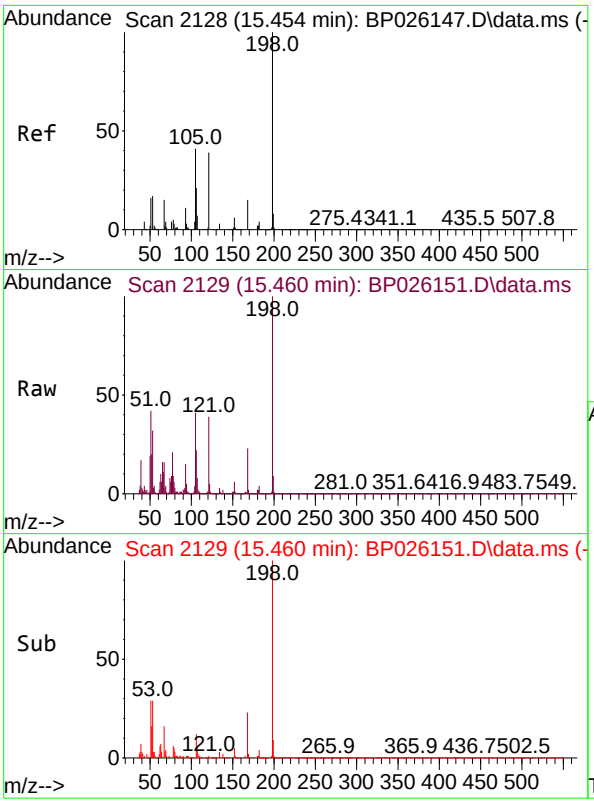


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.131 min Scan# 2413
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:188 Resp: 2119946

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.8	11.6
80	9.3	8.2	12.2

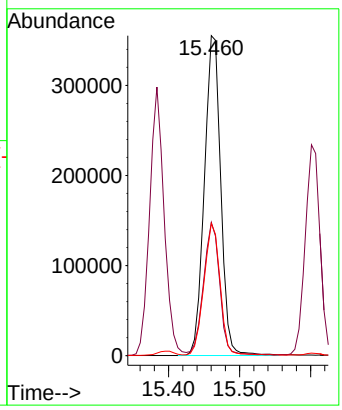




#65
4,6-Dinitro-2-methylphenol
Concen: 42.199 ng
RT: 15.460 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:198 Resp: 56832

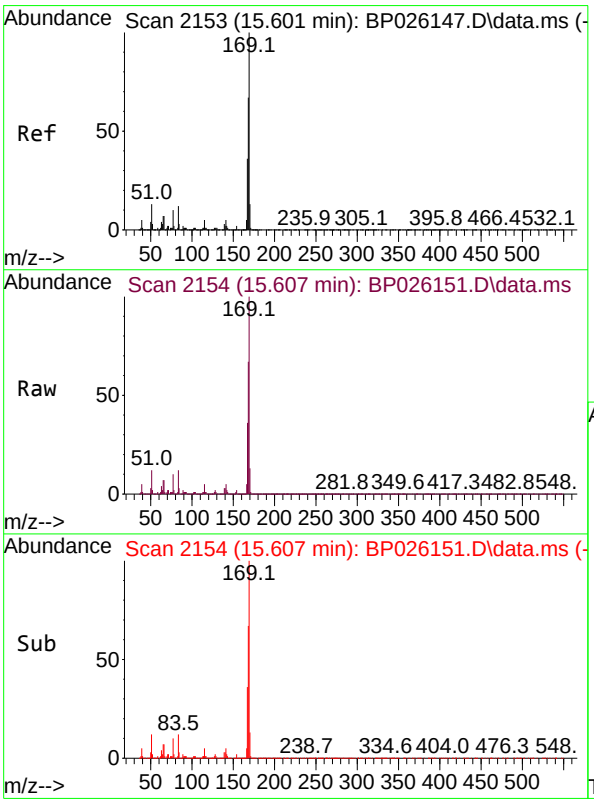
Ion	Ratio	Lower	Upper
198	100		
51	41.6	18.4	58.4
105	41.3	18.5	58.5



Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Manual Integrations
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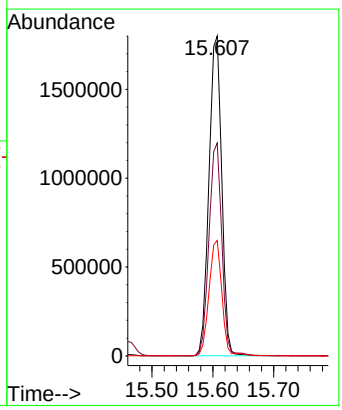
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

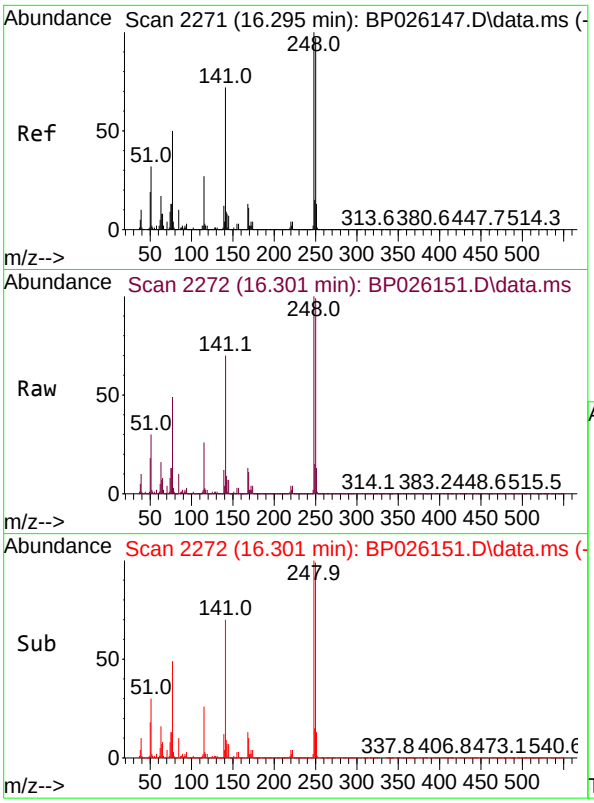


#66
n-Nitrosodiphenylamine
Concen: 40.009 ng
RT: 15.607 min Scan# 2154
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:169 Resp: 2623713

Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.1	79.7
167	36.1	28.9	43.3





#67
4-Bromophenyl-phenylether
Concen: 40.921 ng
RT: 16.301 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

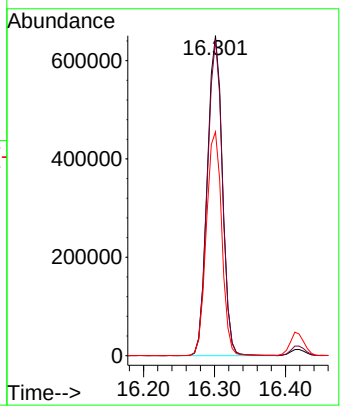
Instrument :
BNA_P
ClientSampleId :
ICVBP111825

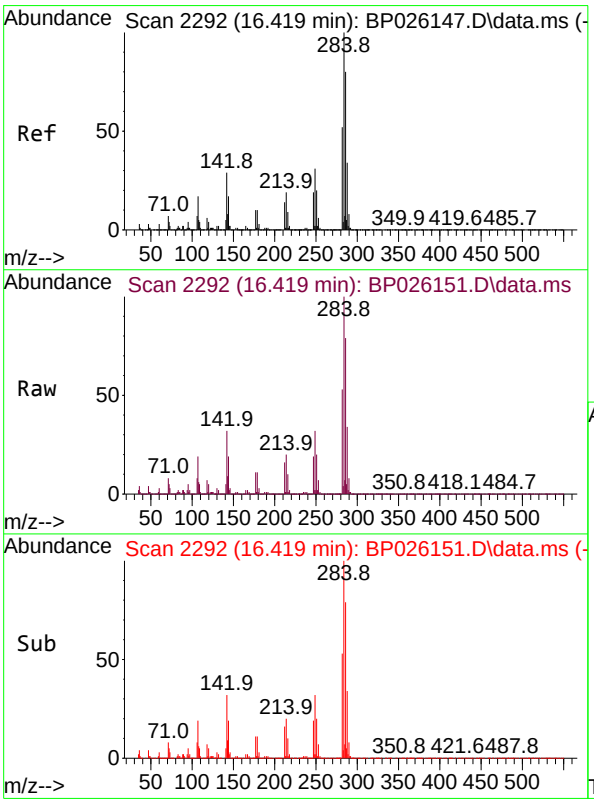
Tgt Ion:248 Resp: 96073

Ion	Ratio	Lower	Upper
248	100		
250	98.7	77.8	116.6
141	69.9	55.4	83.0

Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

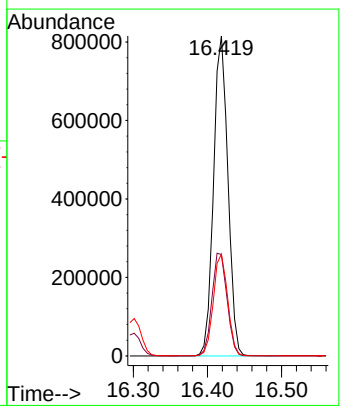


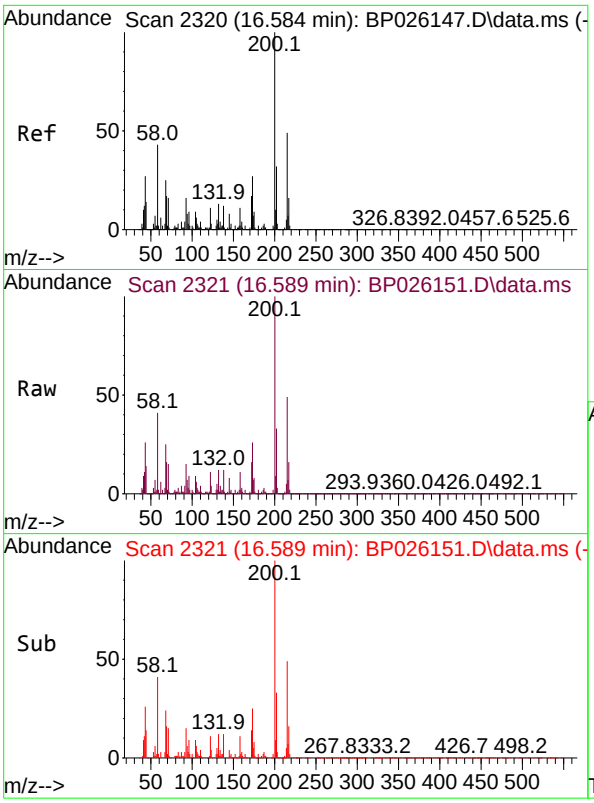


#68
Hexachlorobenzene
Concen: 40.295 ng
RT: 16.419 min Scan# 2292
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:284 Resp: 1097761

Ion	Ratio	Lower	Upper
284	100		
142	31.7	28.0	42.0
249	31.8	25.0	37.4

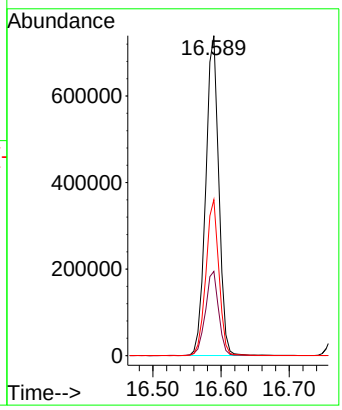




#69
Atrazine
Concen: 39.843 ng
RT: 16.589 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:200 Resp: 98527

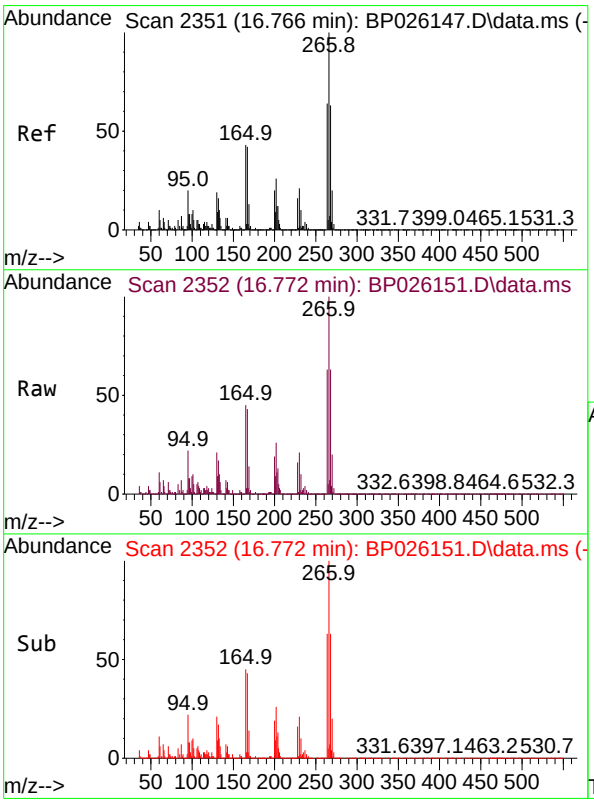
Ion	Ratio	Lower	Upper
200	100		
173	26.3	6.7	46.7
215	48.7	27.4	67.4



Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Manual Integrations
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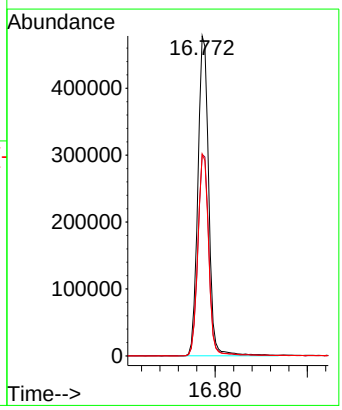
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

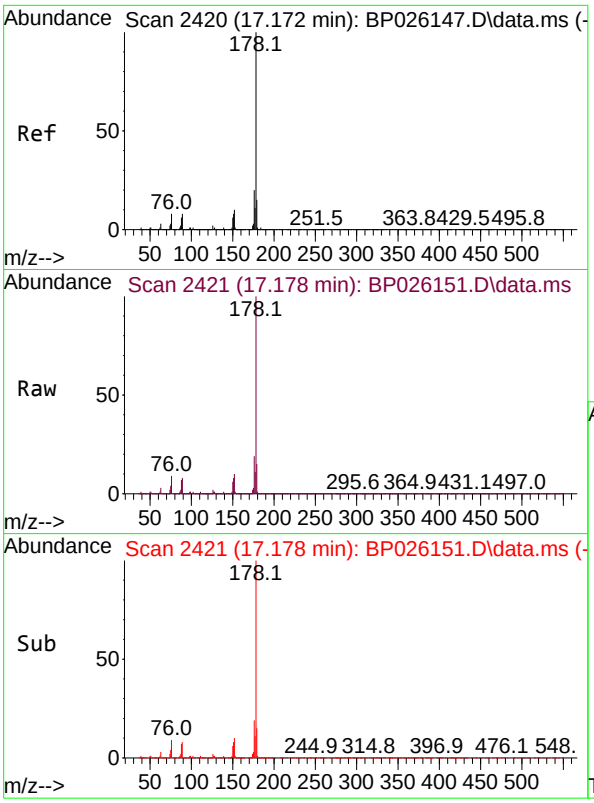


#70
Pentachlorophenol
Concen: 40.719 ng
RT: 16.772 min Scan# 2352
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:266 Resp: 775987

Ion	Ratio	Lower	Upper
266	100		
268	63.0	51.0	76.4
264	63.1	50.2	75.2

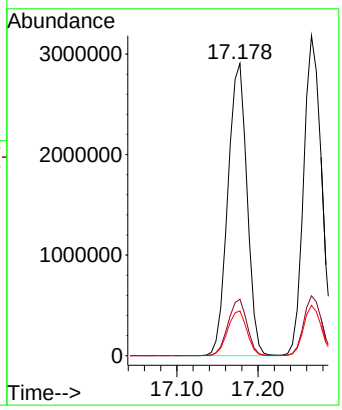




#71
Phenanthrene
Concen: 39.930 ng
RT: 17.178 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:178 Resp: 476847

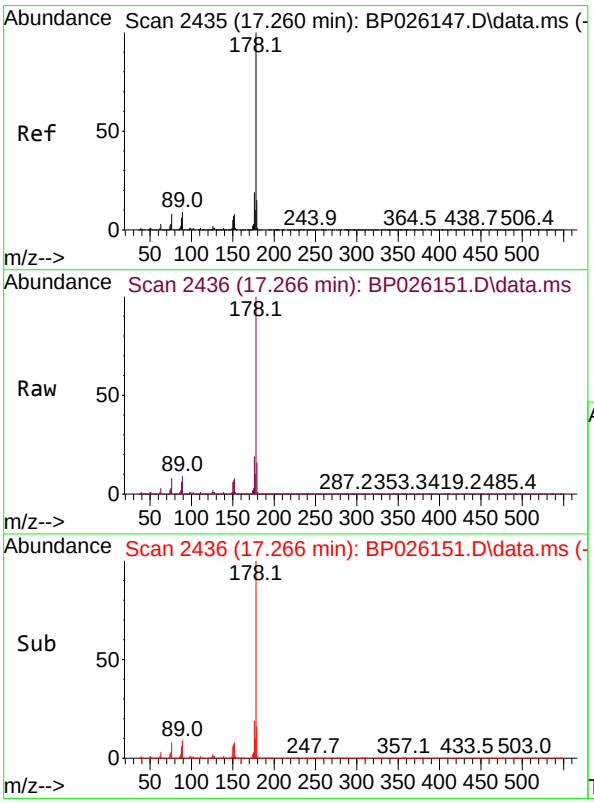
Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.3	12.4	18.6



Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Manual Integrations
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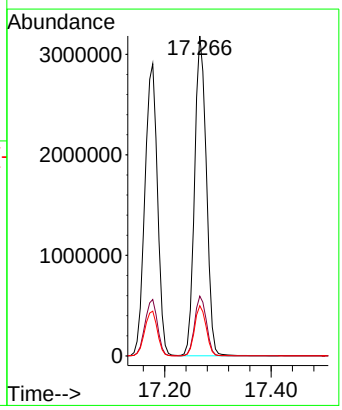
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

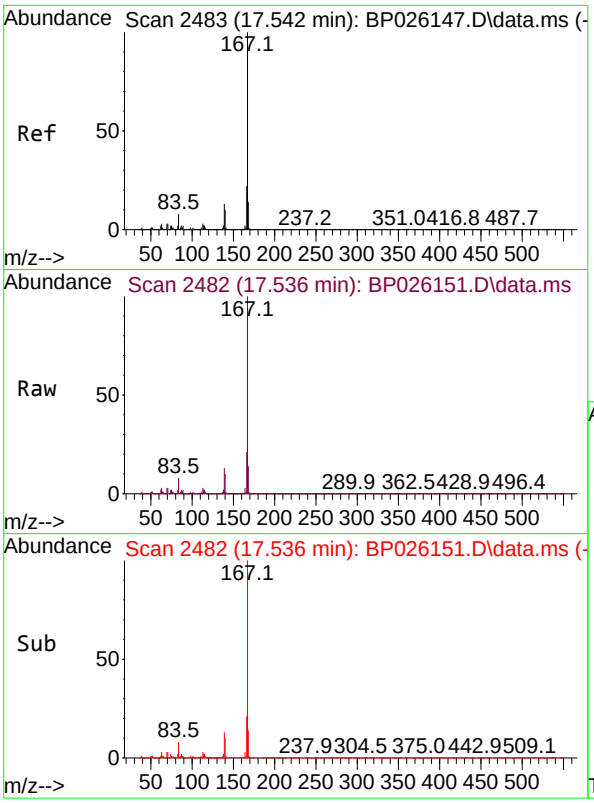


#72
Anthracene
Concen: 40.026 ng
RT: 17.266 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:178 Resp: 4875395

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.8	22.2
179	15.7	12.2	18.4





#73
Carbazole
Concen: 39.777 ng
RT: 17.536 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

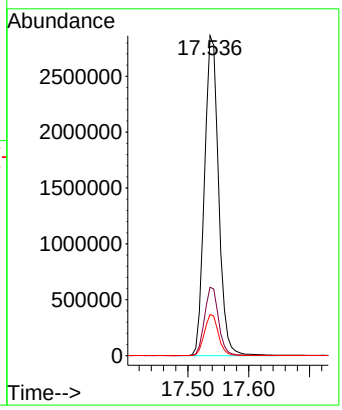
Tgt Ion:167 Resp: 460169

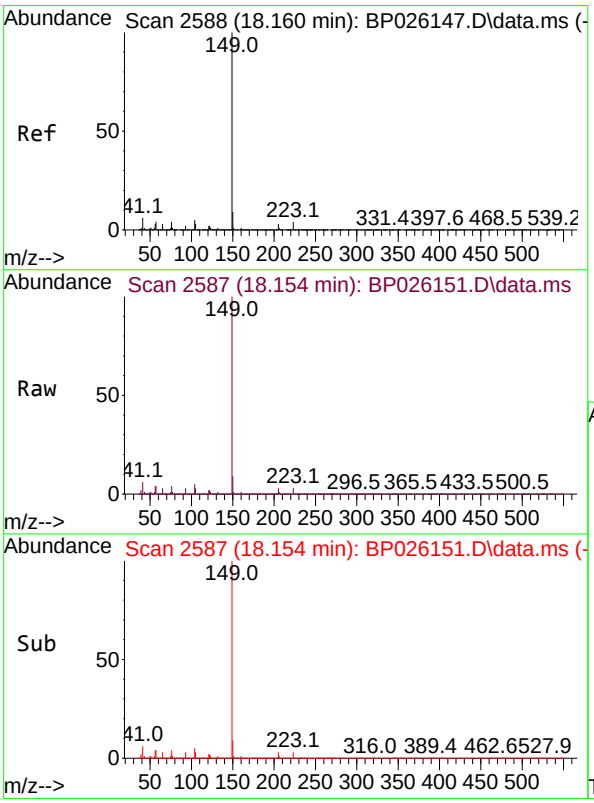
Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.1	25.7
139	12.8	10.2	15.4

Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

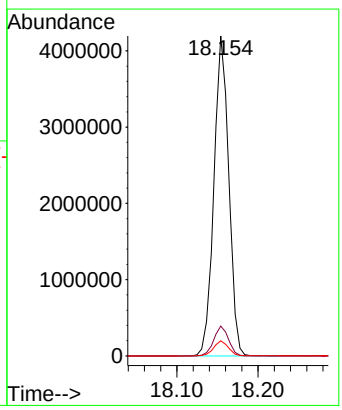


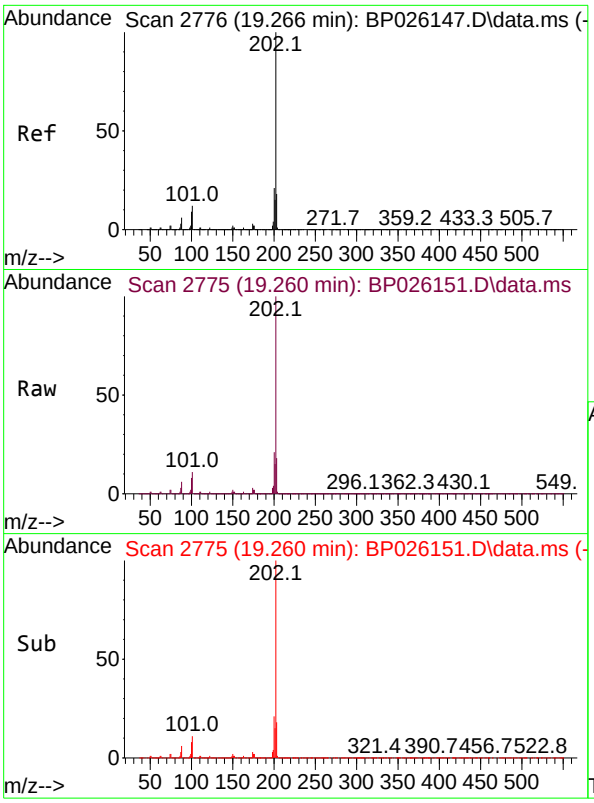


#74
Di-n-butylphthalate
Concen: 38.873 ng
RT: 18.154 min Scan# 2587
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:149 Resp: 5331384

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	4.7	3.6	5.4

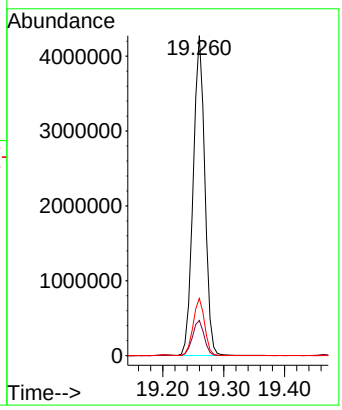




#75
Fluoranthene
Concen: 39.137 ng
RT: 19.260 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:202 Resp: 567869

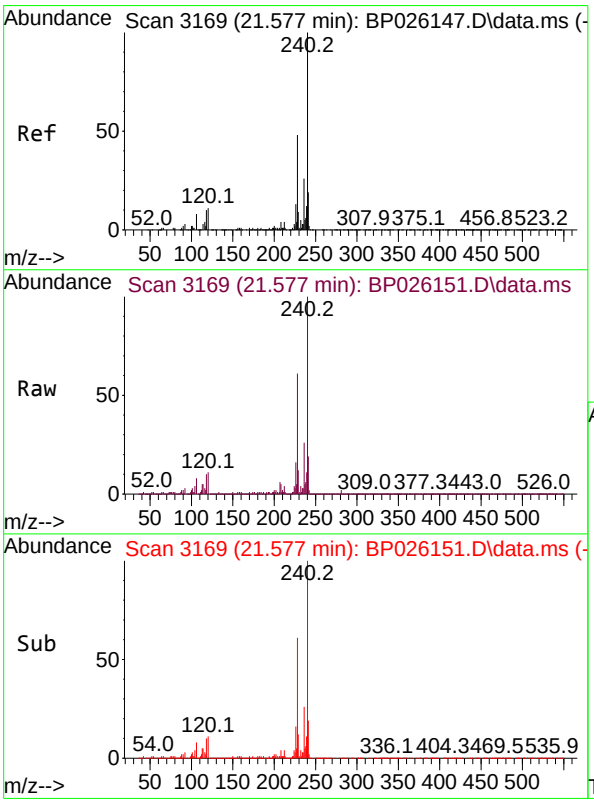
Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	31.2
203	17.9	0.0	37.7



Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Manual Integrations
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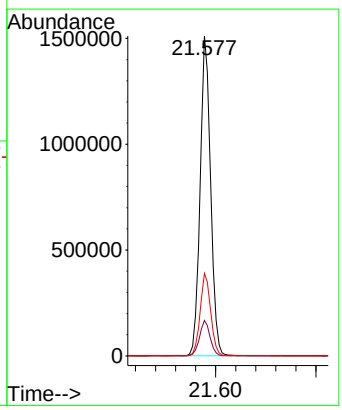
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

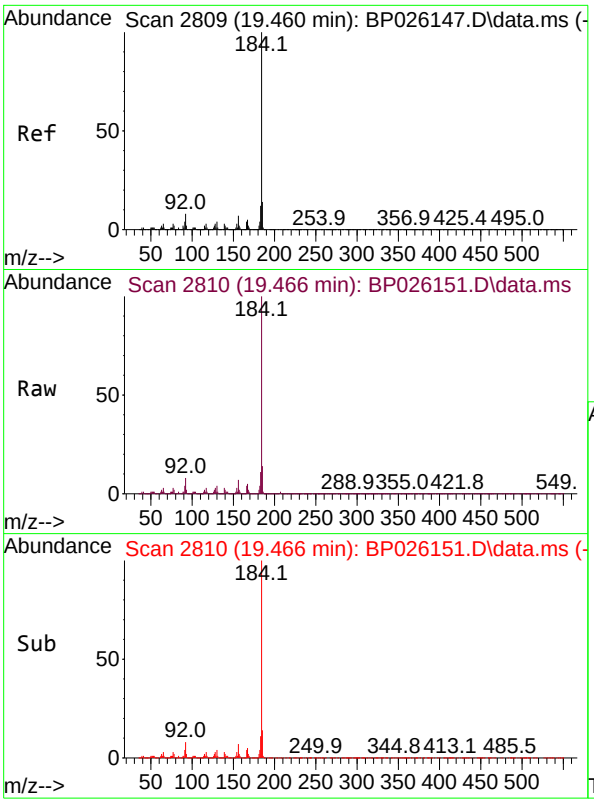


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3169
Delta R.T. 0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:240 Resp: 2196318

Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.0	13.4
236	25.8	20.4	30.6

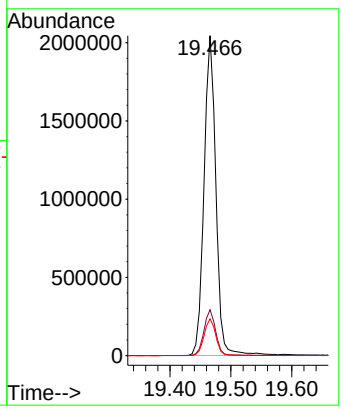




#77
Benzidine
Concen: 39.739 ng
RT: 19.466 min Scan# 28
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:184 Resp: 276988

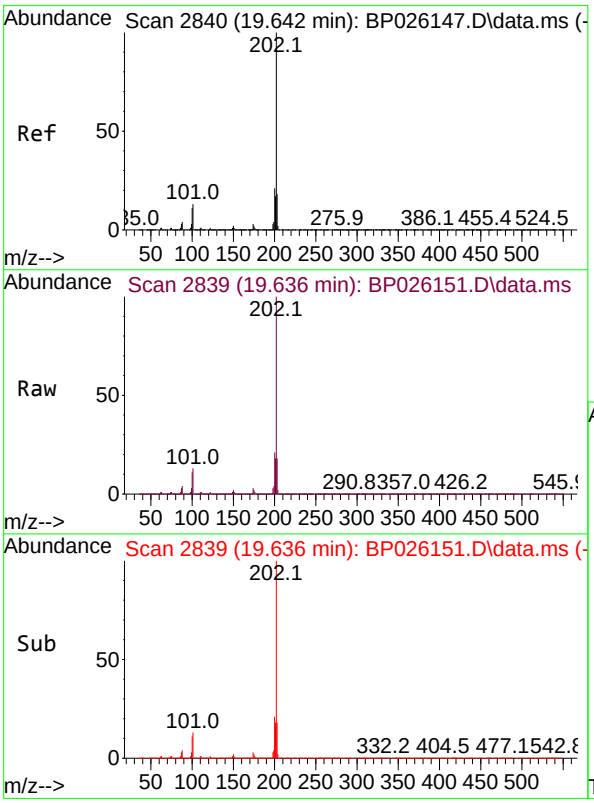
Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.3	16.9
183	11.5	9.0	13.6



Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Manual Integrations
APPROVED

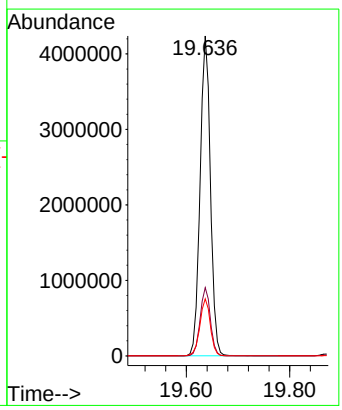
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

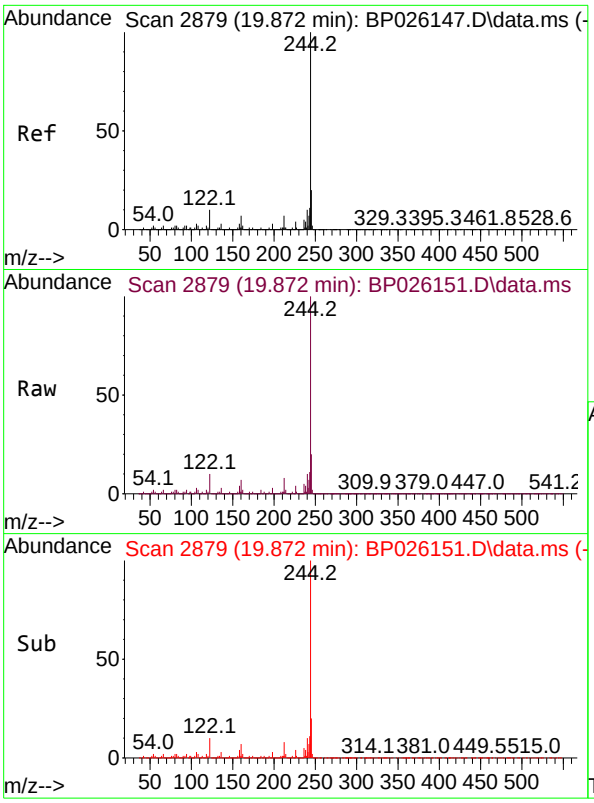


#78
Pyrene
Concen: 40.685 ng
RT: 19.636 min Scan# 2839
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:202 Resp: 5858930

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	17.8	13.8	20.8

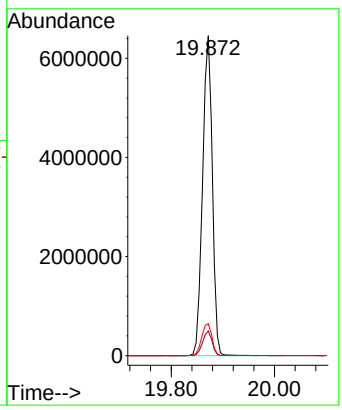




#79
Terphenyl-d14
Concen: 78.411 ng
RT: 19.872 min Scan# 28
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:244 Resp: 844590

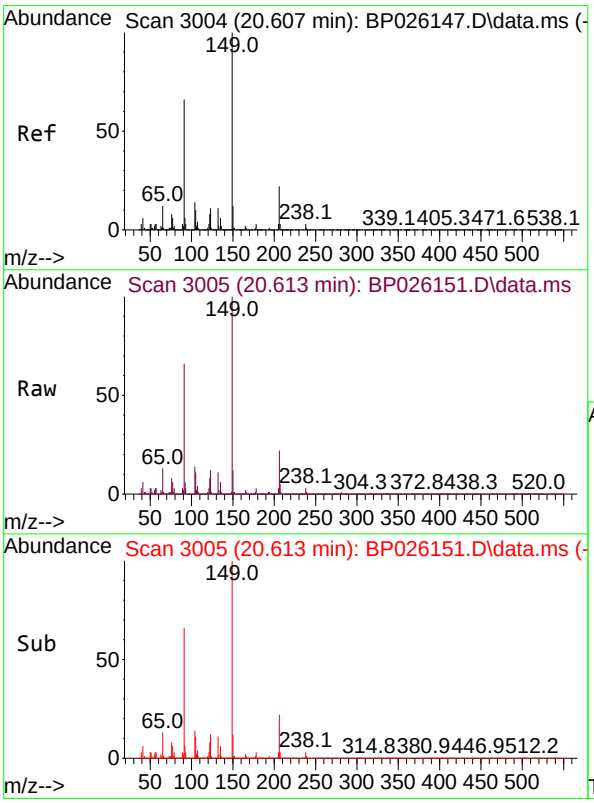
Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	10.0	8.2	12.2



Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Manual Integrations
APPROVED

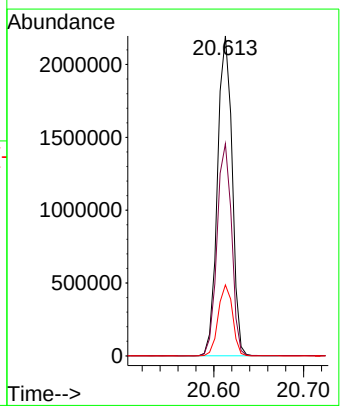
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

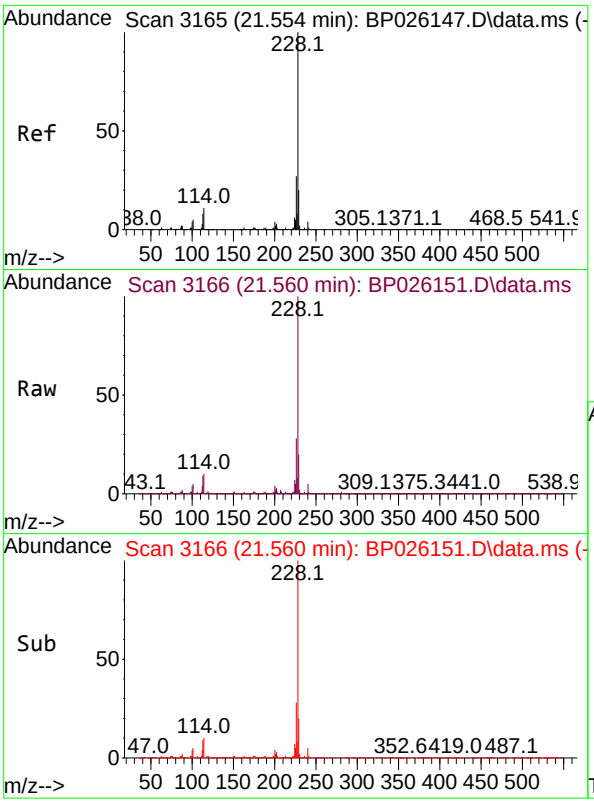


#80
Butylbenzylphthalate
Concen: 39.196 ng
RT: 20.613 min Scan# 3005
Delta R.T. 0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:149 Resp: 2485794

Ion	Ratio	Lower	Upper
149	100		
91	66.3	52.6	79.0
206	22.2	16.9	25.3

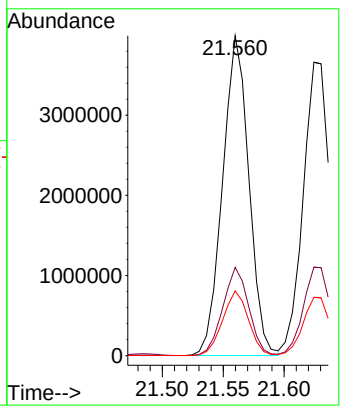




#81
Benzo(a)anthracene
Concen: 39.748 ng
RT: 21.560 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:228 Resp: 599560

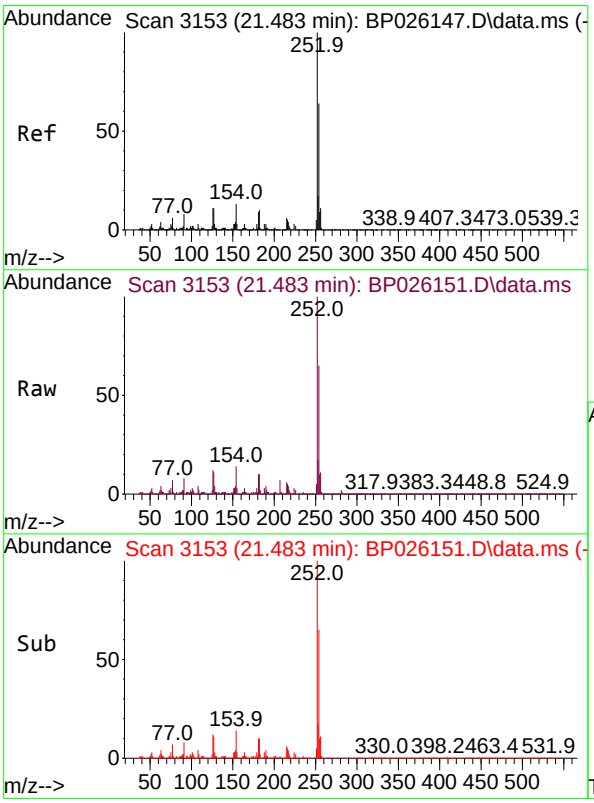
Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.8	32.8
229	20.2	15.9	23.9



Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Manual Integrations
APPROVED

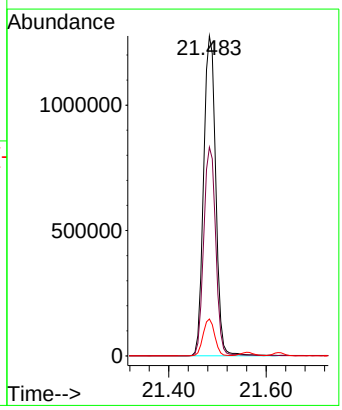
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

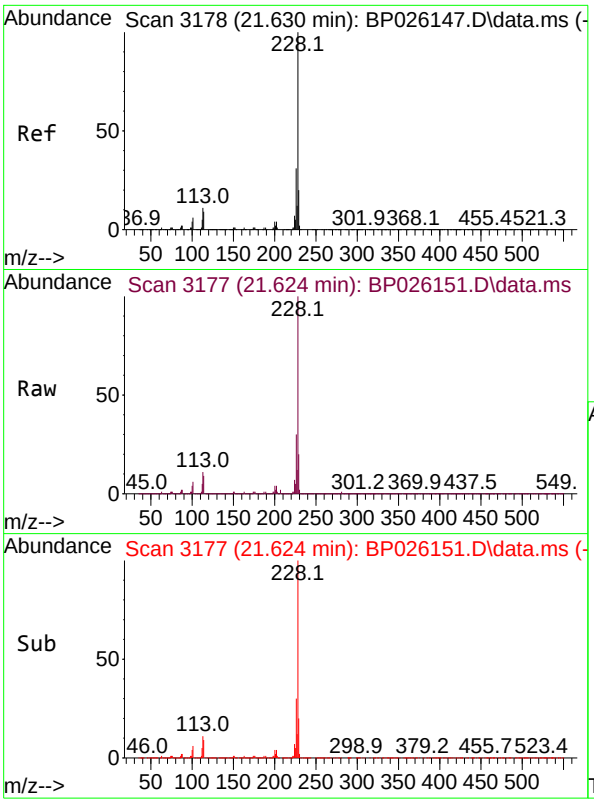


#82
3,3'-Dichlorobenzidine
Concen: 40.210 ng
RT: 21.483 min Scan# 3153
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:252 Resp: 2205669

Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.2	76.8
126	11.5	8.2	12.4

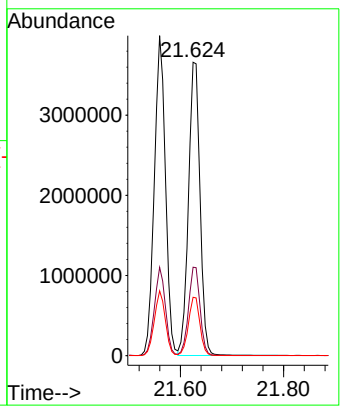




#83
Chrysene
Concen: 39.951 ng
RT: 21.624 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:228 Resp: 567937

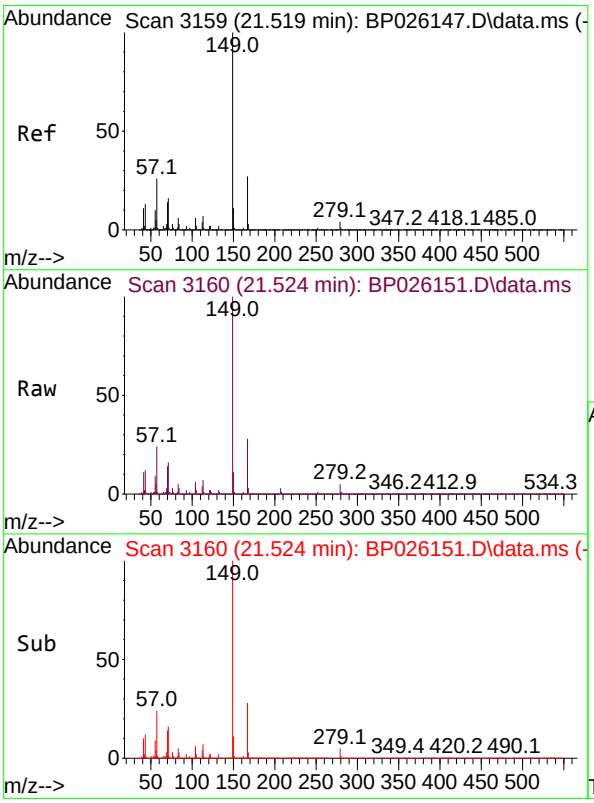
Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.9	35.9
229	19.9	15.9	23.9



Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Manual Integrations
APPROVED

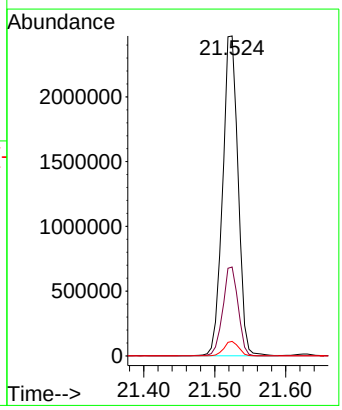
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

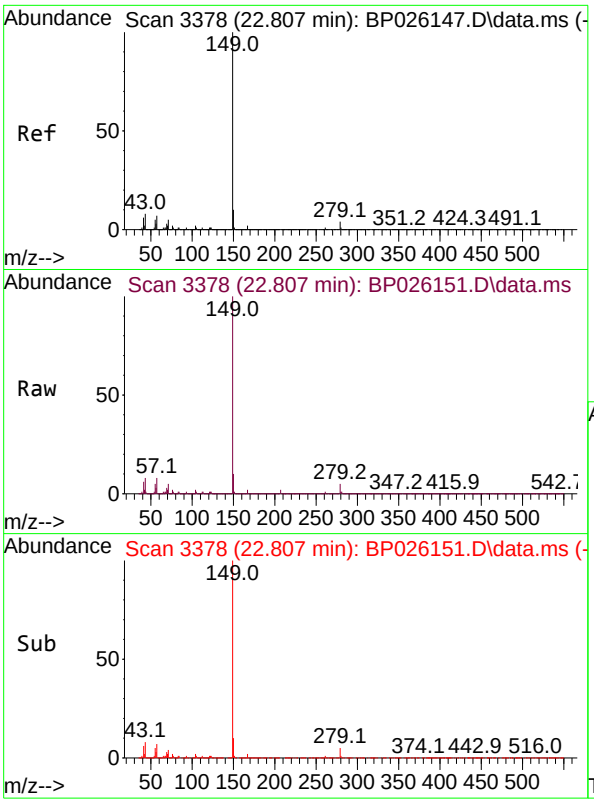


#84
Bis(2-ethylhexyl)phthalate
Concen: 38.974 ng
RT: 21.524 min Scan# 3160
Delta R.T. 0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:149 Resp: 3741593

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.1	33.1
279	4.5	3.3	4.9

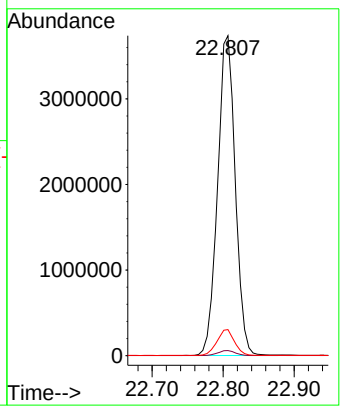




#85
Di-n-octyl phthalate
Concen: 38.576 ng
RT: 22.807 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:149 Resp: 647567

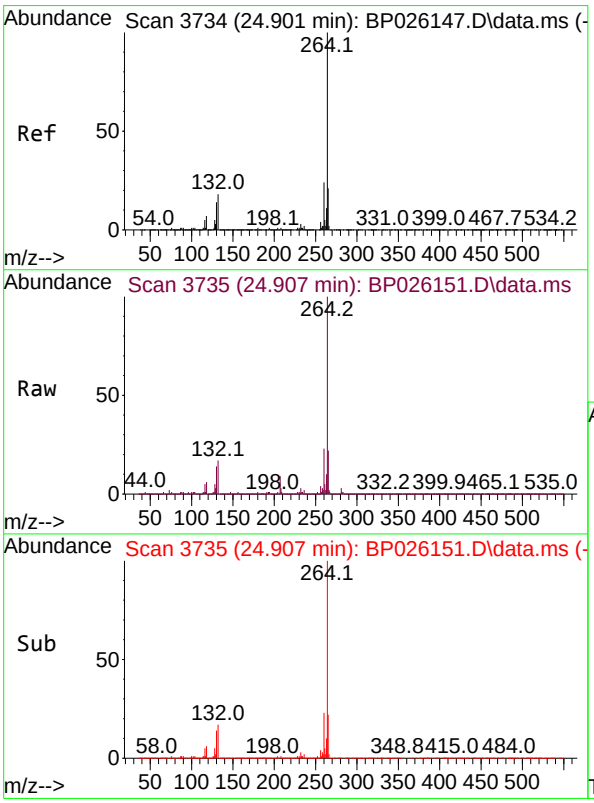
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.0	6.6	10.0



Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Manual Integrations
APPROVED

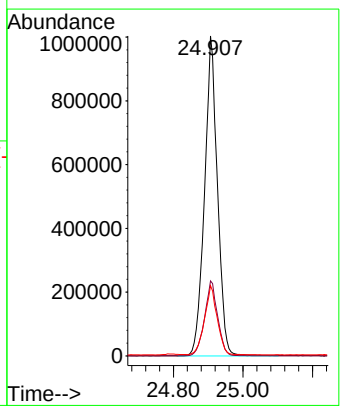
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

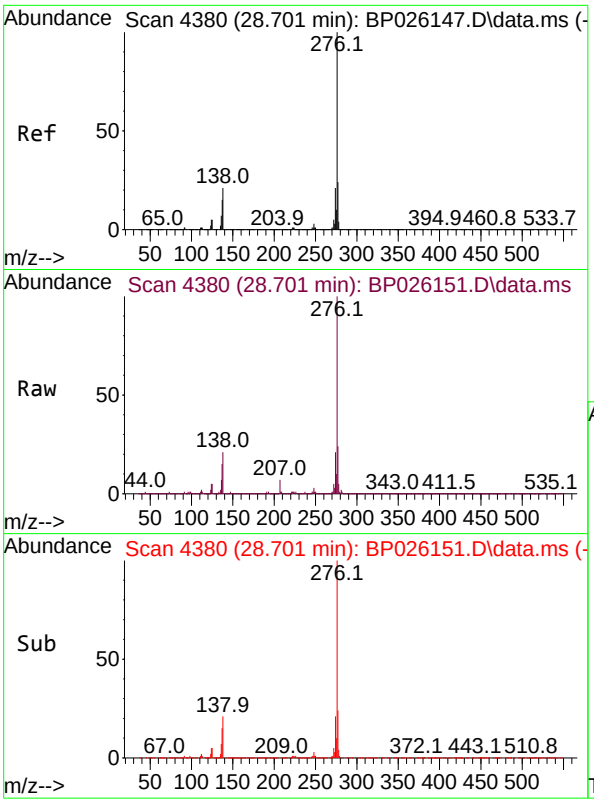


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.907 min Scan# 3735
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:264 Resp: 2586780

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.9	17.5	26.3

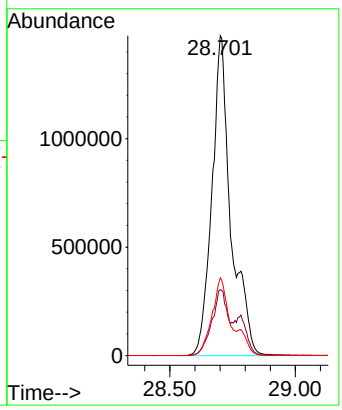




#87
Indeno(1,2,3-cd)pyrene
Concen: 39.852 ng m
RT: 28.701 min Scan# 4
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:276 Resp: 773132

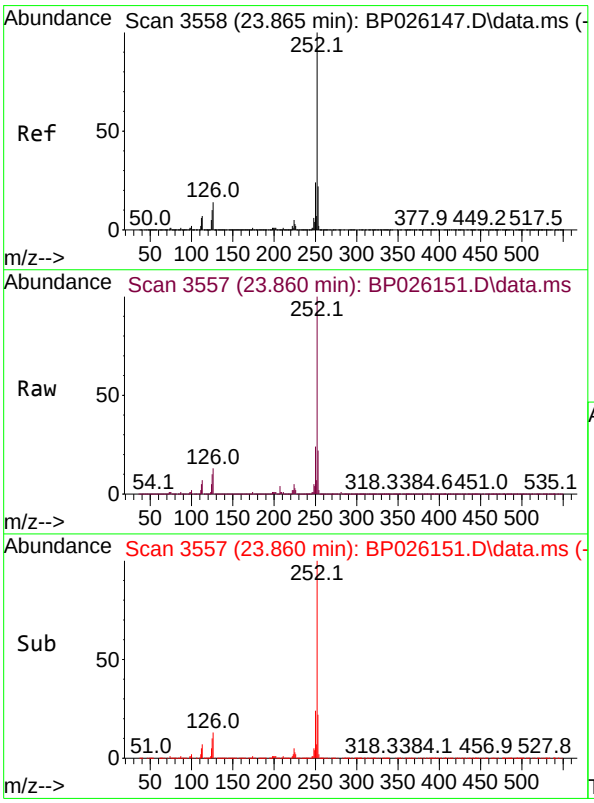
Ion	Ratio	Lower	Upper
276	100		
138	16.9	13.8	20.8
277	21.3	16.7	25.1



Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Manual Integrations
APPROVED

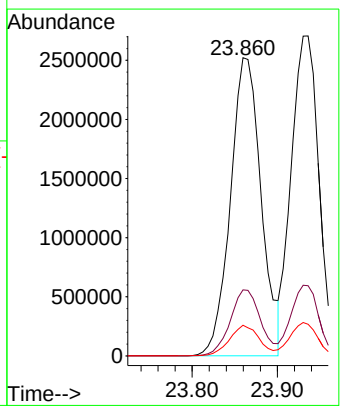
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

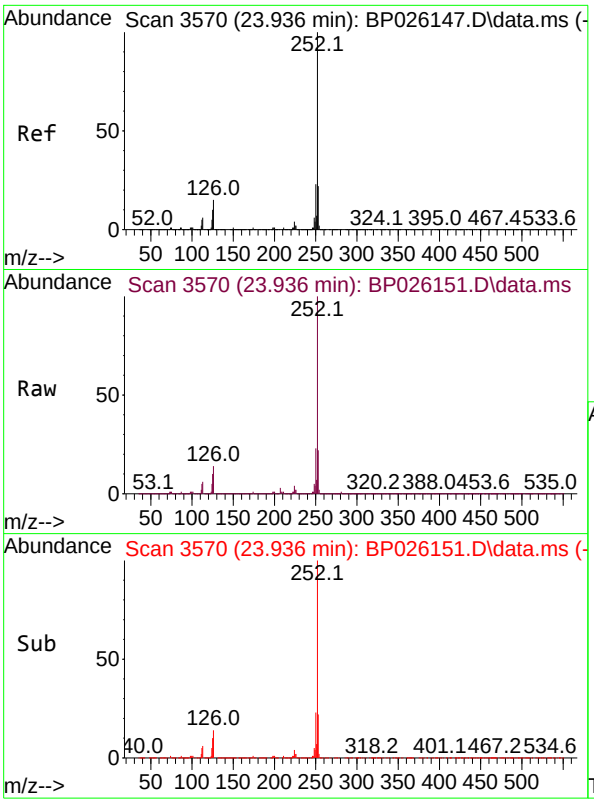


#88
Benzo(b)fluoranthene
Concen: 40.239 ng
RT: 23.860 min Scan# 3557
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:252 Resp: 6338827

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	10.3	8.2	12.4

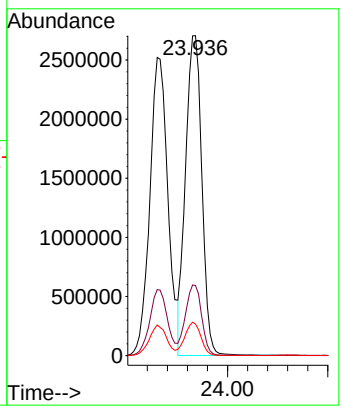




#89
Benzo(k)fluoranthene
Concen: 38.799 ng
RT: 23.936 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:252 Resp: 610484

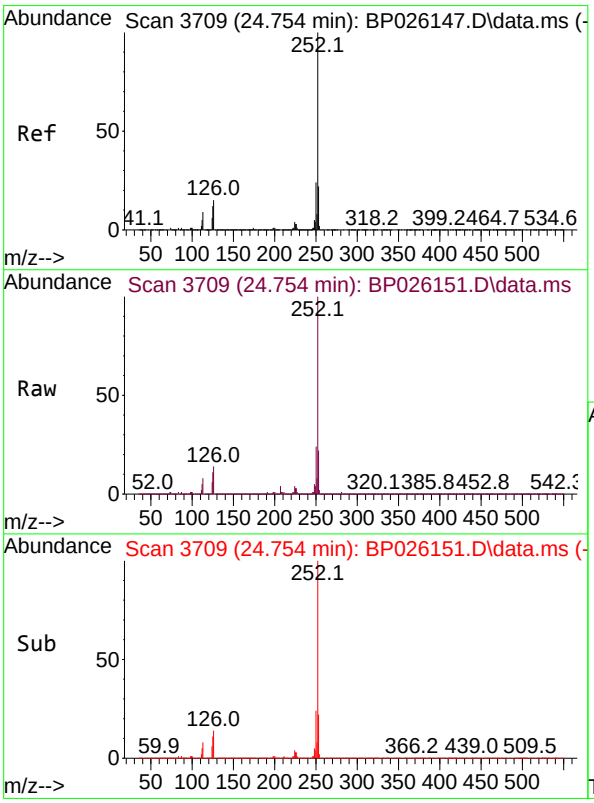
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	9.9	7.5	11.3



Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Manual Integrations
APPROVED

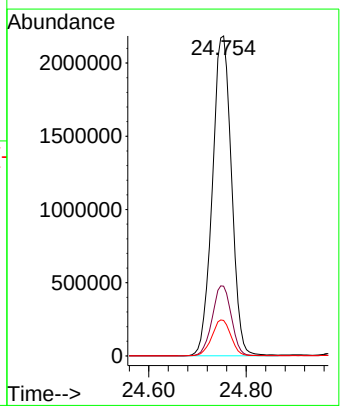
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

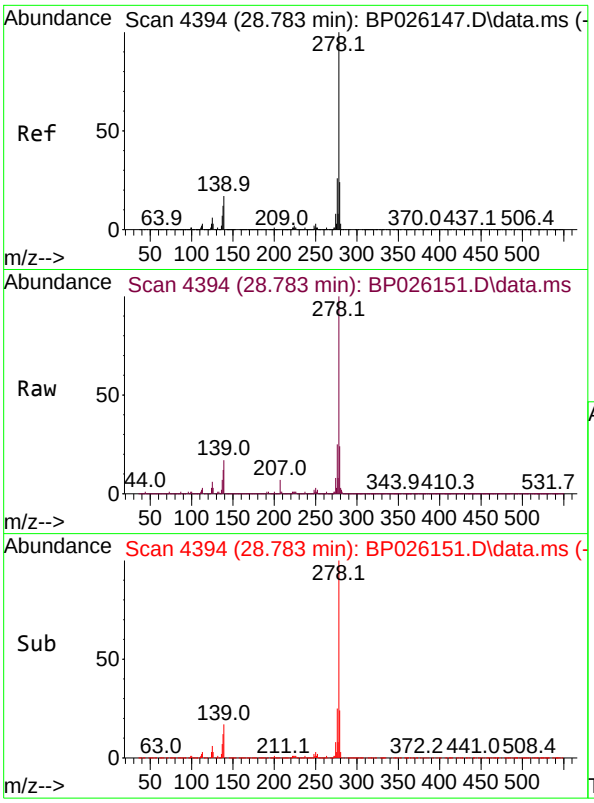


#90
Benzo(a)pyrene
Concen: 39.855 ng
RT: 24.754 min Scan# 3709
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:252 Resp: 5947125

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	11.1	9.0	13.6

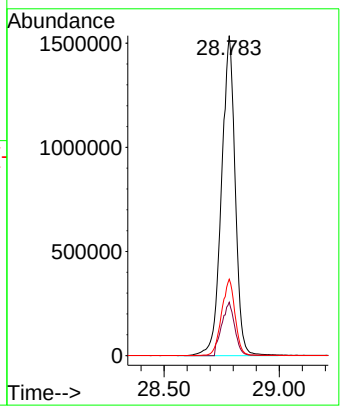




#91
Dibenzo(a,h)anthracene
Concen: 39.970 ng
RT: 28.783 min Scan# 4
Delta R.T. -0.012 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:278 Resp: 634765

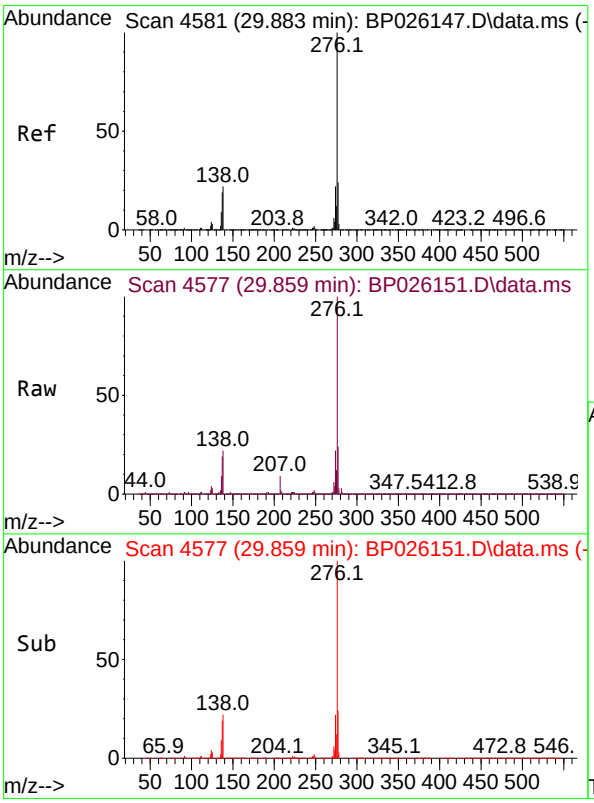
Ion	Ratio	Lower	Upper
278	100		
139	16.7	13.2	19.8
279	23.9	19.2	28.8



Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Manual Integrations
APPROVED

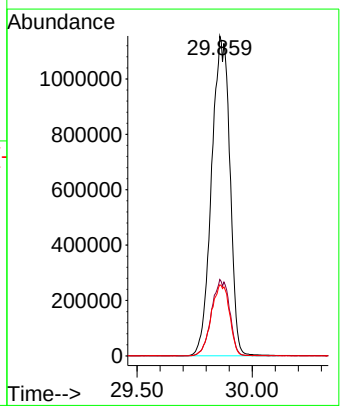
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#92
Benzo(g,h,i)perylene
Concen: 40.207 ng
RT: 29.859 min Scan# 4577
Delta R.T. -0.023 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:276 Resp: 6346496

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	22.2	17.8	26.6



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026151.D
Acq On : 18 Nov 2025 23:25
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Quant Time: Nov 19 01:53:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 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	107	0.00
2		1,4-Dioxane	0.505	0.475	5.9	105	0.00
3		Pyridine	1.461	1.458	0.2	108	0.00
4		n-Nitrosodimethylamine	0.546	0.545	0.2	108	0.00
5	S	2-Fluorophenol	1.246	1.245	0.1	107	0.00
6		Aniline	2.094	2.186	-4.4	110	0.00
7	S	Phenol-d6	1.586	1.667	-5.1	111	0.00
8		2-Chlorophenol	1.418	1.459	-2.9	109	0.00
9		Benzaldehyde	0.831	0.948	-14.1	110	0.00
10	C	Phenol	1.709	1.797	-5.1	110	0.00
11		bis(2-Chloroethyl)ether	1.338	1.374	-2.7	108	0.00
12		1,3-Dichlorobenzene	1.528	1.512	1.0	106	0.00
13	C	1,4-Dichlorobenzene	1.540	1.530	0.6	107	0.00
14		1,2-Dichlorobenzene	1.479	1.498	-1.3	109	0.00
15		Benzyl Alcohol	1.162	1.232	-6.0	111	0.00
16		2,2'-oxybis(1-Chloropropane	1.879	1.916	-2.0	107	0.00
17		2-Methylphenol	1.163	1.237	-6.4	111	0.00
18		Hexachloroethane	0.560	0.567	-1.2	108	0.00
19	P	n-Nitroso-di-n-propylamine	0.985	1.067	-8.3	112	0.00
20		3+4-Methylphenols	1.612	1.712	-6.2	113	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	111	0.00
22		Acetophenone	0.508	0.505	0.6	111	0.00
23	S	Nitrobenzene-d5	0.352	0.355	-0.9	111	0.00
24		Nitrobenzene	0.356	0.358	-0.6	111	0.00
25		Isophorone	0.698	0.721	-3.3	113	0.00
26	C	2-Nitrophenol	0.180	0.190	-5.6	112	0.00
27		2,4-Dimethylphenol	0.325	0.330	-1.5	112	0.00
28		bis(2-Chloroethoxy)methane	0.437	0.442	-1.1	112	0.00
29	C	2,4-Dichlorophenol	0.325	0.334	-2.8	113	0.00
30		1,2,4-Trichlorobenzene	0.331	0.327	1.2	110	0.00
31		Naphthalene	1.081	1.069	1.1	111	0.00
32		Benzoic acid	0.274	0.290	-5.8	117	0.01
33		4-Chloroaniline	0.460	0.473	-2.8	112	0.00
34	C	Hexachlorobutadiene	0.215	0.210	2.3	109	0.00
35		Caprolactam	0.116	0.122	-5.2	116	0.01
36	C	4-Chloro-3-methylphenol	0.345	0.369	-7.0	116	0.00
37		2-Methylnaphthalene	0.766	0.784	-2.3	113	0.00
38		1-Methylnaphthalene	0.749	0.770	-2.8	112	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	114	0.00
40		1,2,4,5-Tetrachlorobenzene	0.605	0.584	3.5	111	0.00
41	P	Hexachlorocyclopentadiene	0.396	0.390	1.5	112	0.00
42	S	2,4,6-Tribromophenol	0.259	0.261	-0.8	112	0.00
43	C	2,4,6-Trichlorophenol	0.415	0.420	-1.2	114	0.00
44		2,4,5-Trichlorophenol	0.463	0.465	-0.4	113	0.00
45	S	2-Fluorobiphenyl	1.365	1.297	5.0	110	0.00
46		1,1'-Biphenyl	1.506	1.464	2.8	112	0.00
47		2-Chloronaphthalene	1.184	1.149	3.0	112	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026151.D
Acq On : 18 Nov 2025 23:25
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Quant Time: Nov 19 01:53:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 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	0.329	0.345	-4.9	116	-0.01
49		Acenaphthylene	1.953	1.938	0.8	113	0.00
50		Dimethylphthalate	1.494	1.470	1.6	112	0.00
51		2,6-Dinitrotoluene	0.296	0.319	-7.8	115	0.00
52	C	Acenaphthene	1.145	1.114	2.7	111	0.00
53		3-Nitroaniline	0.349	0.369	-5.7	116	0.00
54	P	2,4-Dinitrophenol	0.179	0.190	-6.1	116	-0.01
55		Dibenzofuran	1.773	1.730	2.4	111	0.00
56	P	4-Nitrophenol	0.315	0.318	-1.0	114	-0.01
57		2,4-Dinitrotoluene	0.442	0.470	-6.3	114	0.00
58		Fluorene	1.401	1.365	2.6	112	0.00
59		2,3,4,6-Tetrachlorophenol	0.393	0.399	-1.5	113	0.00
60		Diethylphthalate	1.505	1.469	2.4	110	-0.01
61		4-Chlorophenyl-phenylether	0.697	0.678	2.7	111	0.00
62		4-Nitroaniline	0.362	0.368	-1.7	115	0.00
63		Azobenzene	1.269	1.264	0.4	111	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	113	0.00
65		4,6-Dinitro-2-methylphenol	0.127	0.134	-5.5	113	0.00
66	c	n-Nitrosodiphenylamine	0.619	0.619	0.0	112	0.00
67		4-Bromophenyl-phenylether	0.221	0.227	-2.7	111	0.00
68		Hexachlorobenzene	0.257	0.259	-0.8	110	0.00
69		Atrazine	0.233	0.232	0.4	110	0.00
70	C	Pentachlorophenol	0.180	0.183	-1.7	113	0.00
71		Phenanthrene	1.127	1.125	0.2	113	0.00
72		Anthracene	1.149	1.150	-0.1	111	0.00
73		Carbazole	1.091	1.085	0.5	111	0.00
74		Di-n-butylphthalate	1.294	1.257	2.9	104	0.00
75	C	Fluoranthene	1.369	1.339	2.2	110	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	110	0.00
77		Benzidine	0.635	0.631	0.6	112	0.00
78		Pyrene	1.311	1.334	-1.8	110	0.00
79	S	Terphenyl-d14	0.981	0.961	2.0	107	0.00
80		Butylbenzylphthalate	0.578	0.566	2.1	103	0.00
81		Benzo(a)anthracene	1.374	1.365	0.7	109	0.00
82		3,3'-Dichlorobenzidine	0.500	0.502	-0.4	110	0.00
83		Chrysene	1.295	1.293	0.2	111	0.00
84		Bis(2-ethylhexyl)phthalate	0.874	0.852	2.5	100	0.00
85	c	Di-n-octyl phthalate	1.529	1.474	3.6	102	0.00
86	I	Perylene-d12	1.000	1.000	0.0	115	0.00
87		Indeno(1,2,3-cd)pyrene	1.500	1.494	0.4	114	0.00
88		Benzo(b)fluoranthene	1.218	1.225	-0.6	114	0.00
89		Benzo(k)fluoranthene	1.217	1.180	3.0	112	0.00
90	C	Benzo(a)pyrene	1.154	1.150	0.3	113	0.00
91		Dibenzo(a,h)anthracene	1.228	1.227	0.1	114	-0.01
92		Benzo(g,h,i)perylene	1.220	1.227	-0.6	116	-0.02

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026151.D
Acq On : 18 Nov 2025 23:25
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Quant Time: Nov 19 01:53:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 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

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026151.D
Acq On : 18 Nov 2025 23:25
Operator : RC/JU
Sample : SSTDICV040
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Quant Time: Nov 19 01:53:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 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	107	0.00
2		1,4-Dioxane	40.000	37.593	6.0	105	0.00
3		Pyridine	40.000	39.921	0.2	108	0.00
4		n-Nitrosodimethylamine	40.000	39.942	0.1	108	0.00
5	S	2-Fluorophenol	80.000	79.929	0.1	107	0.00
6		Aniline	40.000	41.740	-4.4	110	0.00
7	S	Phenol-d6	80.000	84.094	-5.1	111	0.00
8		2-Chlorophenol	40.000	41.146	-2.9	109	0.00
9		Benzaldehyde	40.000	45.618	-14.0	110	0.00
10	C	Phenol	40.000	42.060	-5.2	110	0.00
11		bis(2-Chloroethyl)ether	40.000	41.067	-2.7	108	0.00
12		1,3-Dichlorobenzene	40.000	39.587	1.0	106	0.00
13	C	1,4-Dichlorobenzene	40.000	39.742	0.6	107	0.00
14		1,2-Dichlorobenzene	40.000	40.516	-1.3	109	0.00
15		Benzyl Alcohol	40.000	42.414	-6.0	111	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	40.794	-2.0	107	0.00
17		2-Methylphenol	40.000	42.532	-6.3	111	0.00
18		Hexachloroethane	40.000	40.466	-1.2	108	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	43.311	-8.3	112	0.00
20		3+4-Methylphenols	40.000	42.486	-6.2	113	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	111	0.00
22		Acetophenone	40.000	39.758	0.6	111	0.00
23	S	Nitrobenzene-d5	80.000	80.717	-0.9	111	0.00
24		Nitrobenzene	40.000	40.166	-0.4	111	0.00
25		Isophorone	40.000	41.325	-3.3	113	0.00
26	C	2-Nitrophenol	40.000	42.113	-5.3	112	0.00
27		2,4-Dimethylphenol	40.000	40.595	-1.5	112	0.00
28		bis(2-Chloroethoxy)methane	40.000	40.412	-1.0	112	0.00
29	C	2,4-Dichlorophenol	40.000	41.185	-3.0	113	0.00
30		1,2,4-Trichlorobenzene	40.000	39.515	1.2	110	0.00
31		Naphthalene	40.000	39.543	1.1	111	0.00
32		Benzoic acid	40.000	42.328	-5.8	117	0.01
33		4-Chloroaniline	40.000	41.152	-2.9	112	0.00
34	C	Hexachlorobutadiene	40.000	38.979	2.6	109	0.00
35		Caprolactam	40.000	41.978	-4.9	116	0.01
36	C	4-Chloro-3-methylphenol	40.000	42.798	-7.0	116	0.00
37		2-Methylnaphthalene	40.000	40.901	-2.3	113	0.00
38		1-Methylnaphthalene	40.000	41.101	-2.8	112	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	114	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	38.653	3.4	111	0.00
41	P	Hexachlorocyclopentadiene	40.000	39.451	1.4	112	0.00
42	S	2,4,6-Tribromophenol	80.000	80.522	-0.7	112	0.00
43	C	2,4,6-Trichlorophenol	40.000	40.482	-1.2	114	0.00
44		2,4,5-Trichlorophenol	40.000	40.200	-0.5	113	0.00
45	S	2-Fluorobiphenyl	80.000	76.016	5.0	110	0.00
46		1,1'-Biphenyl	40.000	38.891	2.8	112	0.00
47		2-Chloronaphthalene	40.000	38.816	3.0	112	0.00

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026151.D
Acq On : 18 Nov 2025 23:25
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Quant Time: Nov 19 01:53:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 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	41.880	-4.7	116	-0.01
49		Acenaphthylene	40.000	39.676	0.8	113	0.00
50		Dimethylphthalate	40.000	39.365	1.6	112	0.00
51		2,6-Dinitrotoluene	40.000	43.045	-7.6	115	0.00
52	C	Acenaphthene	40.000	38.919	2.7	111	0.00
53		3-Nitroaniline	40.000	42.369	-5.9	116	0.00
54	P	2,4-Dinitrophenol	40.000	42.569	-6.4	116	-0.01
55		Dibenzofuran	40.000	39.037	2.4	111	0.00
56	P	4-Nitrophenol	40.000	40.312	-0.8	114	-0.01
57		2,4-Dinitrotoluene	40.000	42.577	-6.4	114	0.00
58		Fluorene	40.000	38.962	2.6	112	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	40.668	-1.7	113	0.00
60		Diethylphthalate	40.000	39.059	2.4	110	-0.01
61		4-Chlorophenyl-phenylether	40.000	38.882	2.8	111	0.00
62		4-Nitroaniline	40.000	40.700	-1.8	115	0.00
63		Azobenzene	40.000	39.832	0.4	111	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	113	0.00
65		4,6-Dinitro-2-methylphenol	40.000	42.199	-5.5	113	0.00
66	c	n-Nitrosodiphenylamine	40.000	40.009	-0.0	112	0.00
67		4-Bromophenyl-phenylether	40.000	40.921	-2.3	111	0.00
68		Hexachlorobenzene	40.000	40.295	-0.7	110	0.00
69		Atrazine	40.000	39.843	0.4	110	0.00
70	C	Pentachlorophenol	40.000	40.719	-1.8	113	0.00
71		Phenanthrene	40.000	39.930	0.2	113	0.00
72		Anthracene	40.000	40.026	-0.1	111	0.00
73		Carbazole	40.000	39.777	0.6	111	0.00
74		Di-n-butylphthalate	40.000	38.873	2.8	104	0.00
75	C	Fluoranthene	40.000	39.137	2.2	110	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	110	0.00
77		Benzidine	40.000	39.739	0.7	112	0.00
78		Pyrene	40.000	40.685	-1.7	110	0.00
79	S	Terphenyl-d14	80.000	78.411	2.0	107	0.00
80		Butylbenzylphthalate	40.000	39.196	2.0	103	0.00
81		Benzo(a)anthracene	40.000	39.748	0.6	109	0.00
82		3,3'-Dichlorobenzidine	40.000	40.210	-0.5	110	0.00
83		Chrysene	40.000	39.951	0.1	111	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	38.974	2.6	100	0.00
85	c	Di-n-octyl phthalate	40.000	38.576	3.6	102	0.00
86	I	Perylene-d12	20.000	20.000	0.0	115	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	39.852	0.4	114	0.00
88		Benzo(b)fluoranthene	40.000	40.239	-0.6	114	0.00
89		Benzo(k)fluoranthene	40.000	38.799	3.0	112	0.00
90	C	Benzo(a)pyrene	40.000	39.855	0.4	113	0.00
91		Dibenzo(a,h)anthracene	40.000	39.970	0.1	114	-0.01
92		Benzo(g,h,i)perylene	40.000	40.207	-0.5	116	-0.02

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026151.D
Acq On : 18 Nov 2025 23:25
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Quant Time: Nov 19 01:53:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 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: WOOD06

Lab Code: ACE SDG No.: Q3834

Instrument ID: BNA_P Calibration Date/Time: 12/11/2025 13:04

Lab File ID: BP026290.D Init. Calib. Date(s): 11/18/2025 11/18/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 14:31 21:22

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.246	1.256		0.8	
Benzaldehyde	0.831	0.977		17.6	
Phenol-d6	1.586	1.449		-8.6	
Phenol	1.709	1.553		-9.1	20.0
bis(2-Chloroethyl)ether	1.338	1.227		-8.3	
2-Chlorophenol	1.418	1.388		-2.1	
2-Methylphenol	1.163	1.047		-10.0	
2,2-oxybis(1-Chloropropane)	1.879	1.677		-10.8	
Acetophenone	0.508	0.522		2.8	
3+4-Methylphenols	1.612	1.399		-13.2	
n-Nitroso-di-n-propylamine	0.985	0.848	0.050	-13.9	
Nitrobenzene-d5	0.352	0.372		5.7	
Hexachloroethane	0.560	0.595		6.3	
Nitrobenzene	0.356	0.373		4.8	
Isophorone	0.698	0.684		-2.0	
2-Nitrophenol	0.180	0.194		7.8	20.0
2,4-Dimethylphenol	0.325	0.300		-7.7	
bis(2-Chloroethoxy)methane	0.437	0.427		-2.3	
2,4-Dichlorophenol	0.325	0.342		5.2	20.0
Naphthalene	1.081	1.117		3.3	
4-Chloroaniline	0.460	0.432		-6.1	
Hexachlorobutadiene	0.215	0.255		18.6	20.0
Caprolactam	0.116	0.106		-8.6	
4-Chloro-3-methylphenol	0.345	0.335		-2.9	20.0
2-Methylnaphthalene	0.766	0.776		1.3	
Hexachlorocyclopentadiene	0.396	0.366	0.050	-7.6	
2,4,6-Trichlorophenol	0.415	0.449		8.2	20.0
2-Fluorobiphenyl	1.365	1.492		9.3	
2,4,5-Trichlorophenol	0.463	0.495		6.9	
1,1-Biphenyl	1.506	1.570		4.3	
2-Chloronaphthalene	1.184	1.251		5.7	
2-Nitroaniline	0.329	0.334		1.5	
Dimethylphthalate	1.494	1.551		3.8	
Acenaphthylene	1.953	2.022		3.5	
2,6-Dinitrotoluene	0.296	0.322		8.8	
3-Nitroaniline	0.349	0.341		-2.3	
Acenaphthene	1.145	1.151		0.5	20.0
2,4-Dinitrophenol	0.179	0.252	0.050	40.8	
4-Nitrophenol	0.315	0.274	0.050	-13.0	

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: WOOD06

Lab Code: ACE SDG No.: Q3834

Instrument ID: BNA_P Calibration Date/Time: 12/11/2025 13:04

Lab File ID: BP026290.D Init. Calib. Date(s): 11/18/2025 11/18/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 14:31 21:22

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.773	1.836		3.6	
2,4-Dinitrotoluene	0.442	0.476		7.7	
Diethylphthalate	1.505	1.583		5.2	
4-Chlorophenyl-phenylether	0.697	0.753		8.0	
Fluorene	1.401	1.474		5.2	
4-Nitroaniline	0.362	0.345		-4.7	
4,6-Dinitro-2-methylphenol	0.127	0.148		16.5	
n-Nitrosodiphenylamine	0.619	0.641		3.6	20.0
2,4,6-Tribromophenol	0.259	0.292		12.7	
4-Bromophenyl-phenylether	0.221	0.243		10.0	
Hexachlorobenzene	0.257	0.288		12.1	
Atrazine	0.233	0.243		4.3	
Pentachlorophenol	0.180	0.196		8.9	20.0
Phenanthrene	1.127	1.193		5.9	
Anthracene	1.149	1.204		4.8	
Carbazole	1.091	1.131		3.7	
Di-n-butylphthalate	1.294	1.405		8.6	
Fluoranthene	1.369	1.484		8.4	20.0
Pyrene	1.311	1.318		0.5	
Terphenyl-d14	0.981	1.046		6.6	
Butylbenzylphthalate	0.578	0.593		2.6	
3,3-Dichlorobenzidine	0.500	0.524		4.8	
Benzo(a)anthracene	1.374	1.422		3.5	
Chrysene	1.295	1.339		3.4	
Bis(2-ethylhexyl)phthalate	0.874	0.932		6.6	
Di-n-octyl phthalate	1.529	1.646		7.7	20.0
Benzo(b)fluoranthene	1.218	1.240		1.8	
Benzo(k)fluoranthene	1.217	1.285		5.6	
Benzo(a)pyrene	1.154	1.208		4.7	20.0
Indeno(1,2,3-cd)pyrene	1.500	1.659		10.6	
Dibenzo(a,h)anthracene	1.228	1.353		10.2	
Benzo(g,h,i)perylene	1.220	1.361		11.6	
1,2,4,5-Tetrachlorobenzene	0.605	0.680		12.4	
1,4-Dioxane	0.505	0.541		7.1	20.0
2,3,4,6-Tetrachlorophenol	0.393	0.426		8.4	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026290.D
Acq On : 11 Dec 2025 13:04
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 11 13:24:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 05 14:52:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.649	152	211939	20.000	ng		0.00
21) Naphthalene-d8	10.413	136	759289	20.000	ng		0.00
39) Acenaphthene-d10	14.272	164	458934	20.000	ng		-0.02
64) Phenanthrene-d10	17.089	188	916225	20.000	ng		0.00
76) Chrysene-d12	21.542	240	1078828	20.000	ng		0.00
86) Perylene-d12	24.836	264	1314236	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.272	112	1064947	80.783	ng		0.00
7) Phenol-d6	6.831	99	1228584	73.831	ng		0.00
23) Nitrobenzene-d5	8.784	82	1129002	84.636	ng		0.00
42) 2,4,6-Tribromophenol	15.795	330	536689	89.924	ng		-0.01
45) 2-Fluorobiphenyl	12.884	172	2739823	86.796	ng		-0.02
79) Terphenyl-d14	19.836	244	4514620	85.533	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.214	88	229250	42.765	ng		98
3) Pyridine	3.608	79	608867	39.548	ng		98
4) n-Nitrosodimethylamine	3.514	42	226522	39.455	ng		97
6) Aniline	6.984	93	774714	35.479	ng		99
8) 2-Chlorophenol	7.219	128	588520	39.287	ng		99
9) Benzaldehyde	6.802	77	414229	46.176	ng		100
10) Phenol	6.861	94	658102	36.766	ng		97
11) bis(2-Chloroethyl)ether	7.078	93	520113	37.061	ng		98
12) 1,3-Dichlorobenzene	7.543	146	676982	41.763	ng		99
13) 1,4-Dichlorobenzene	7.684	146	676147	41.392	ng		99
14) 1,2-Dichlorobenzene	7.996	146	641907	40.938	ng		100
15) Benzyl Alcohol	7.884	79	436389	36.075	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.166	45	710836	36.291	ng		99
17) 2-Methylphenol	8.090	107	443737	36.526	ng		99
18) Hexachloroethane	8.713	117	252053	42.479	ng		97
19) n-Nitroso-di-n-propyla...	8.443	70	359317	35.029	ng		99
20) 3+4-Methylphenols	8.413	107	593045	35.351	ng		99
22) Acetophenone	8.455	105	792086	41.126	ng	#	99
24) Nitrobenzene	8.825	77	566199	41.992	ng		98
25) Isophorone	9.349	82	1039027	39.702	ng		99
26) 2-Nitrophenol	9.531	139	295167	43.297	ng		98
27) 2,4-Dimethylphenol	9.596	122	455402	37.742	ng		99
28) bis(2-Chloroethoxy)met...	9.825	93	648211	39.411	ng		99
29) 2,4-Dichlorophenol	10.066	162	518997	42.206	ng		99
30) 1,2,4-Trichlorobenzene	10.272	180	554124	43.837	ng		100
31) Naphthalene	10.460	128	1696431	41.327	ng		99
32) Benzoic acid	9.737	122	464188	48.023	ng		99
33) 4-Chloroaniline	10.566	127	655713	38.130	ng		99
34) Hexachlorobutadiene	10.749	225	386553	46.836	ng		99
35) Caprolactam	11.343	113	160490	36.959	ng		98
36) 4-Chloro-3-methylphenol	11.701	107	508338	39.289	ng		98
37) 2-Methylnaphthalene	12.072	142	1177758	40.710	ng		98
38) 1-Methylnaphthalene	12.290	142	1139193	40.305	ng		99
40) 1,2,4,5-Tetrachloroben...	12.448	216	623869	44.532	ng		99
41) Hexachlorocyclopentadiene	12.431	237	336061	38.456	ng		100
43) 2,4,6-Trichlorophenol	12.690	196	412278	43.301	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026290.D
Acq On : 11 Dec 2025 13:04
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 11 13:24:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 05 14:52:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.766	196	454677	42.877	ng	98
46) 1,1'-Biphenyl	13.096	154	1441433	41.595	ng	99
47) 2-Chloronaphthalene	13.137	162	1147990	42.047	ng	99
48) 2-Nitroaniline	13.337	65	306186	40.945	ng	94
49) Acenaphthylene	13.990	152	1855734	41.418	ng	100
50) Dimethylphthalate	13.725	163	1423313	41.622	ng	100
51) 2,6-Dinitrotoluene	13.843	165	295141	43.674	ng	98
52) Acenaphthene	14.337	154	1056564	40.329	ng	100
53) 3-Nitroaniline	14.172	138	312816	39.599	ng	100
54) 2,4-Dinitrophenol	14.384	184	230970	64.107	ng	97
55) Dibenzofuran	14.678	168	1685286	41.365	ng	99
56) 4-Nitrophenol	14.501	139	251898	35.712	ng	97
57) 2,4-Dinitrotoluene	14.642	165	437302	43.500	ng	97
58) Fluorene	15.342	166	1352538	41.964	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.913	232	391441	43.612	ng	98
60) Diethylphthalate	15.119	149	1452724	42.356	ng	99
61) 4-Chlorophenyl-phenyle...	15.337	204	690708	42.979	ng	97
62) 4-Nitroaniline	15.348	138	316677	38.626	ng	95
63) Azobenzene	15.637	77	1159509	40.204	ng	99
65) 4,6-Dinitro-2-methylph...	15.425	198	271960	50.256	ng	97
66) n-Nitrosodiphenylamine	15.560	169	1175319	41.489	ng	100
67) 4-Bromophenyl-phenylether	16.260	248	445655	43.875	ng	98
68) Hexachlorobenzene	16.378	284	527554	44.689	ng	95
69) Atrazine	16.542	200	444550	41.737	ng	99
70) Pentachlorophenol	16.731	266	359588	43.908	ng	99
71) Phenanthrene	17.131	178	2185647	42.315	ng	99
72) Anthracene	17.225	178	2206996	41.951	ng	99
73) Carbazole	17.513	167	2072105	41.604	ng	100
74) Di-n-butylphthalate	18.113	149	2575233	43.766	ng	99
75) Fluoranthene	19.230	202	2720177	43.273	ng	98
77) Benzidine	19.430	184	1122419	33.138	ng	99
78) Pyrene	19.607	202	2844442	40.460	ng	100
80) Butylbenzylphthalate	20.572	149	1279060	41.456	ng	95
81) Benzo(a)anthracene	21.519	228	3069025	41.471	ng	100
82) 3,3'-Dichlorobenzidine	21.442	252	1129853	41.962	ng	100
83) Chrysene	21.589	228	2889089	41.230	ng	100
84) Bis(2-ethylhexyl)phtha...	21.477	149	2011868	43.349	ng	99
85) Di-n-octyl phthalate	22.742	149	3550451	43.393	ng	98
87) Indeno(1,2,3-cd)pyrene	28.577	276	4361207m	43.908	ng	
88) Benzo(b)fluoranthene	23.795	252	3259554	40.809	ng	98
89) Benzo(k)fluoranthene	23.866	252	3377701	42.275	ng	100
90) Benzo(a)pyrene	24.677	252	3176066	41.935	ng	98
91) Dibenzo(a,h)anthracene	28.665	278	3555575	43.766	ng	99
92) Benzo(g,h,i)perylene	29.742	276	3577730	44.176	ng	97

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

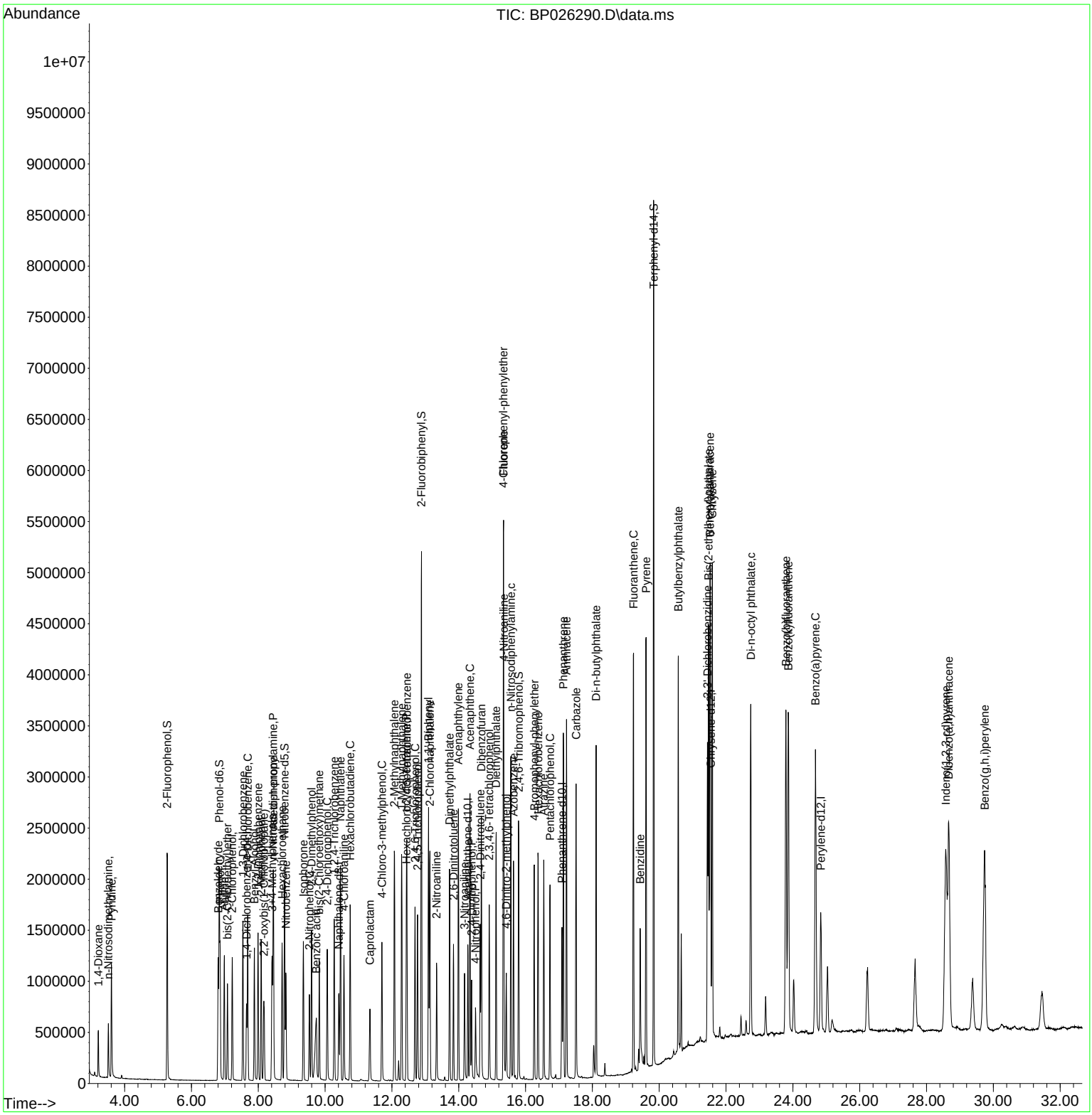
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Data File : BP026290.D
Acq On : 11 Dec 2025 13:04
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

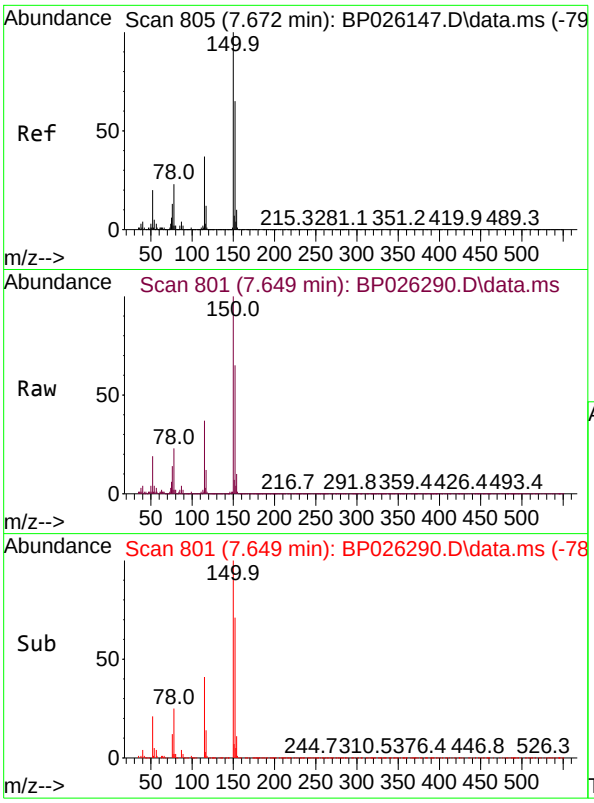
Quant Time: Dec 11 13:24:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 05 14:52:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

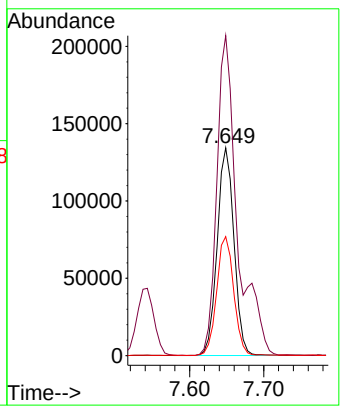




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.649 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:152 Resp: 21193

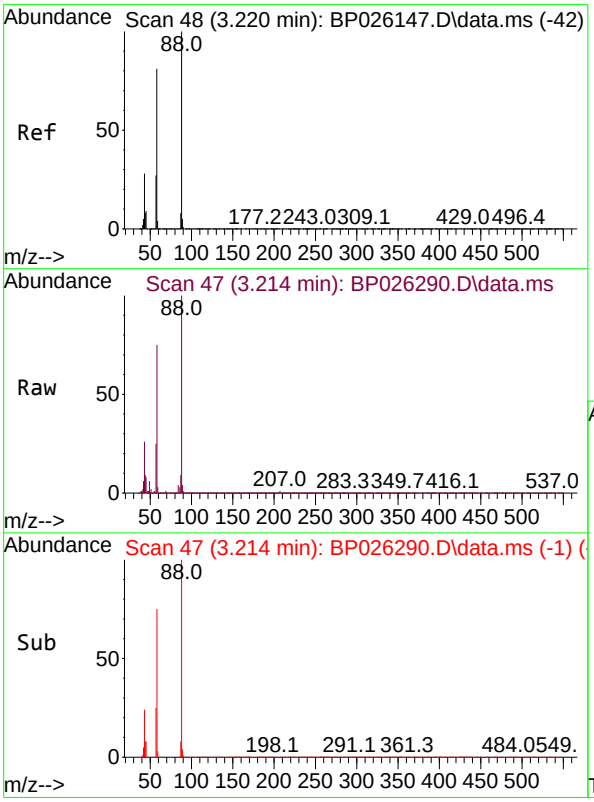
Ion	Ratio	Lower	Upper
152	100		
150	154.0	123.0	184.6
115	57.3	46.3	69.5



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

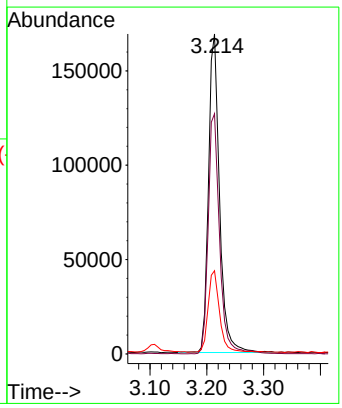
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

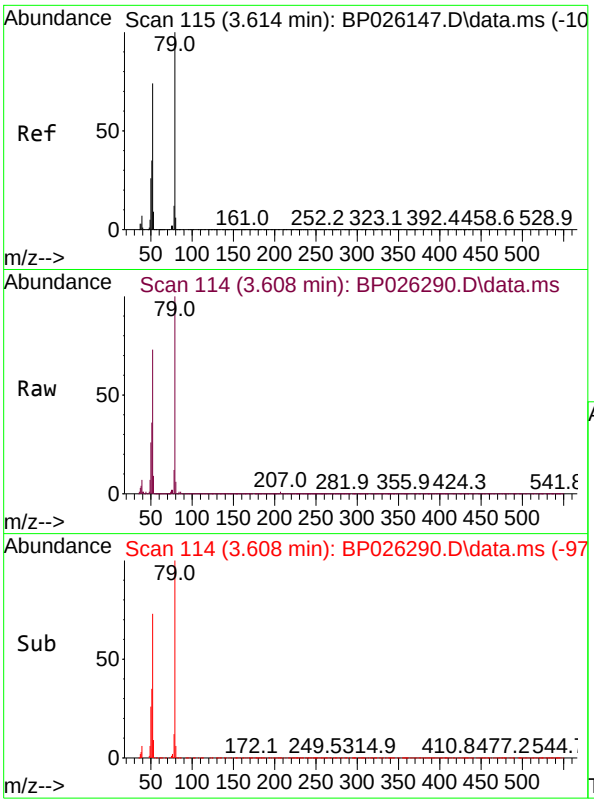


#2
1,4-Dioxane
Concen: 42.765 ng
RT: 3.214 min Scan# 47
Delta R.T. -0.000 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion: 88 Resp: 229250

Ion	Ratio	Lower	Upper
88	100		
58	77.9	64.2	96.4
43	27.2	21.5	32.3

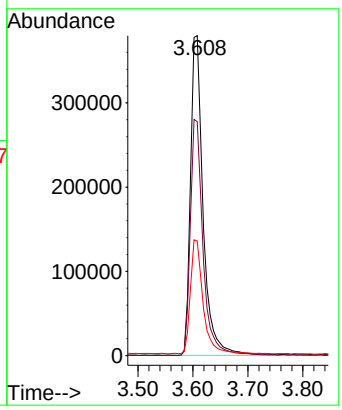




#3
Pyridine
Concen: 39.548 ng
RT: 3.608 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion: 79 Resp: 60886

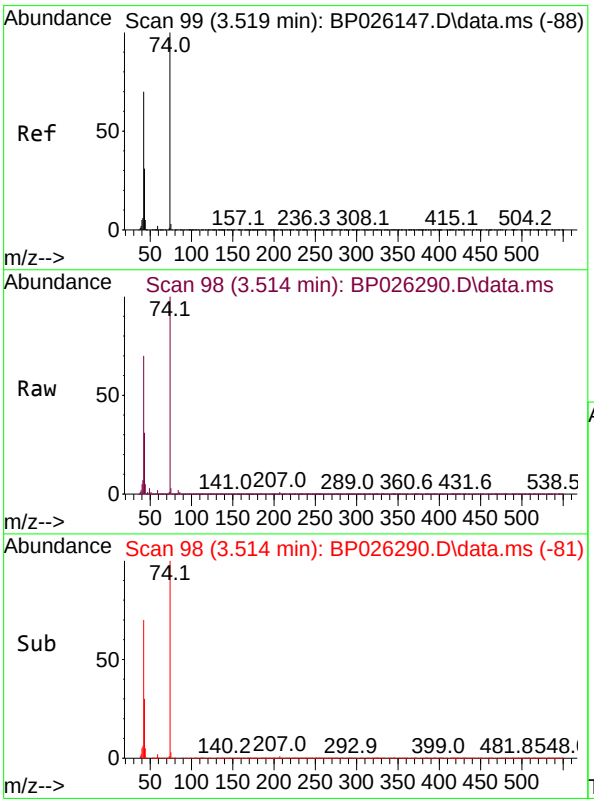
Ion	Ratio	Lower	Upper
79	100		
52	73.1	60.2	90.2
51	35.8	29.5	44.3



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

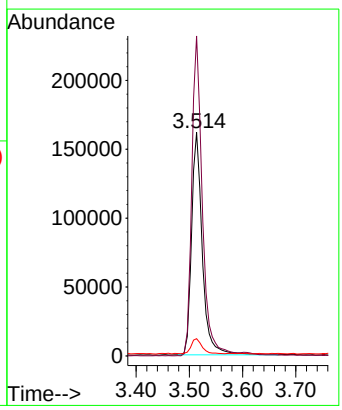
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

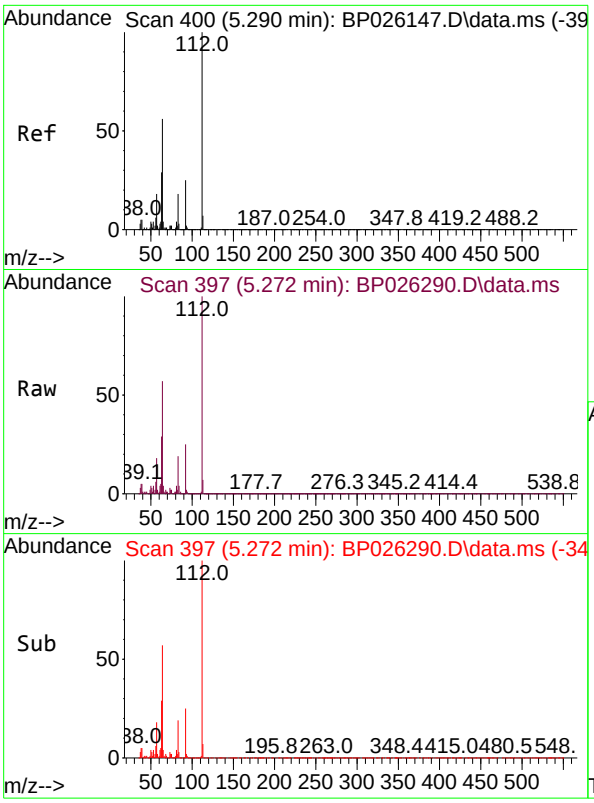


#4
n-Nitrosodimethylamine
Concen: 39.455 ng
RT: 3.514 min Scan# 98
Delta R.T. -0.000 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion: 42 Resp: 226522

Ion	Ratio	Lower	Upper
42	100		
74	143.2	118.1	177.1
44	7.7	6.2	9.4

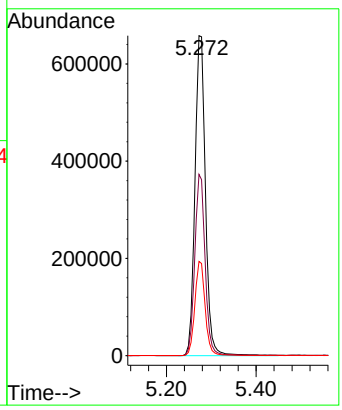




#5
2-Fluorophenol
Concen: 80.783 ng
RT: 5.272 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:112 Resp: 106494

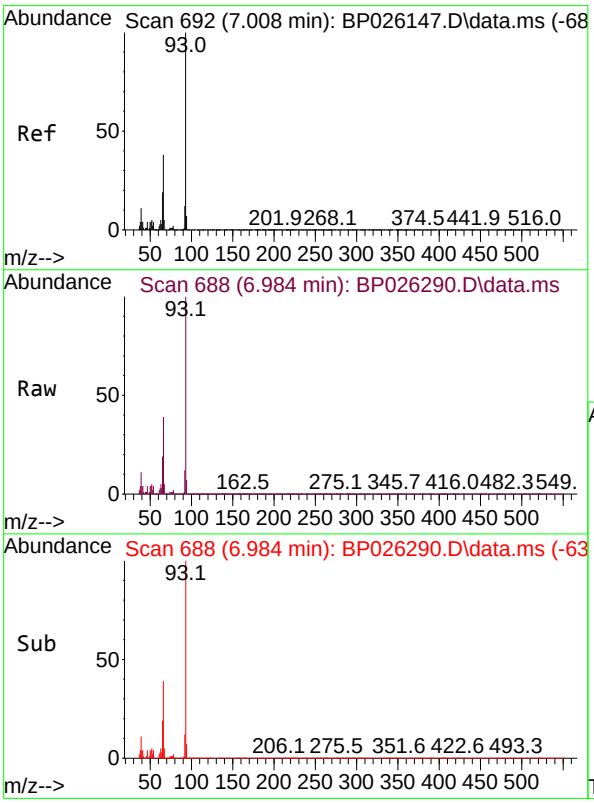
Ion	Ratio	Lower	Upper
112	100		
64	56.6	45.8	68.6
63	29.4	23.5	35.3



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

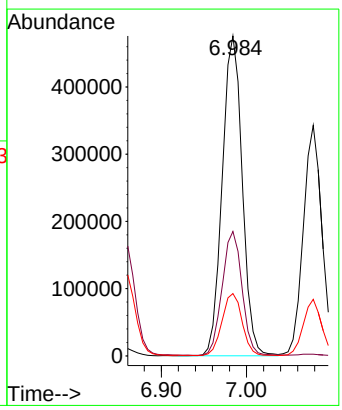
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

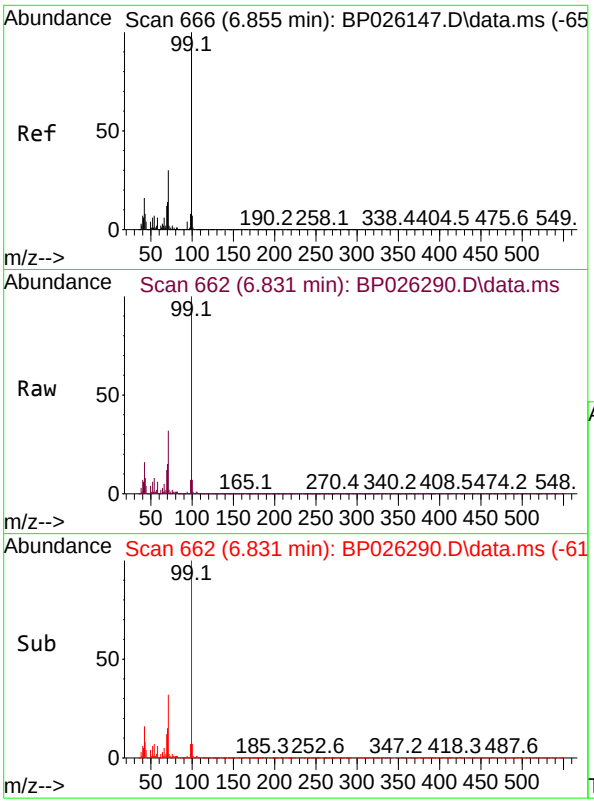


#6
Aniline
Concen: 35.479 ng
RT: 6.984 min Scan# 688
Delta R.T. -0.006 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion: 93 Resp: 774714

Ion	Ratio	Lower	Upper
93	100		
66	38.9	31.7	47.5
65	19.5	15.8	23.6

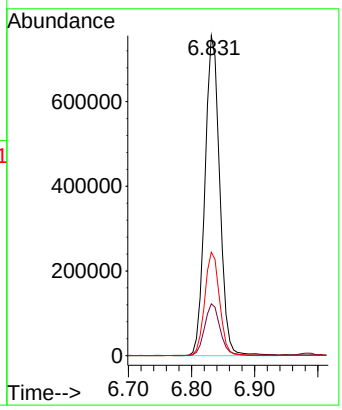




#7
Phenol-d6
Concen: 73.831 ng
RT: 6.831 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion: 99 Resp: 122858

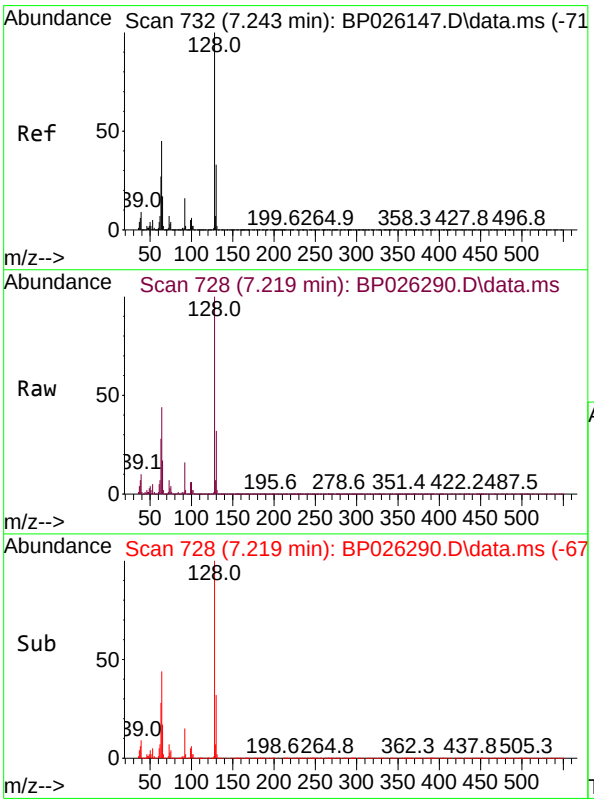
Ion	Ratio	Lower	Upper
99	100		
42	16.2	12.9	19.3
71	32.3	24.8	37.2



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

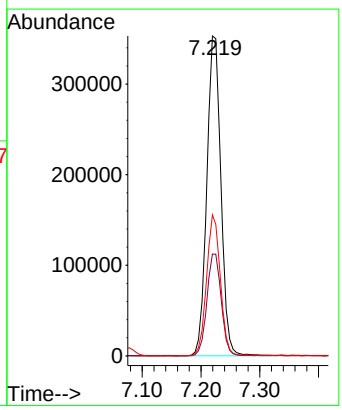
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

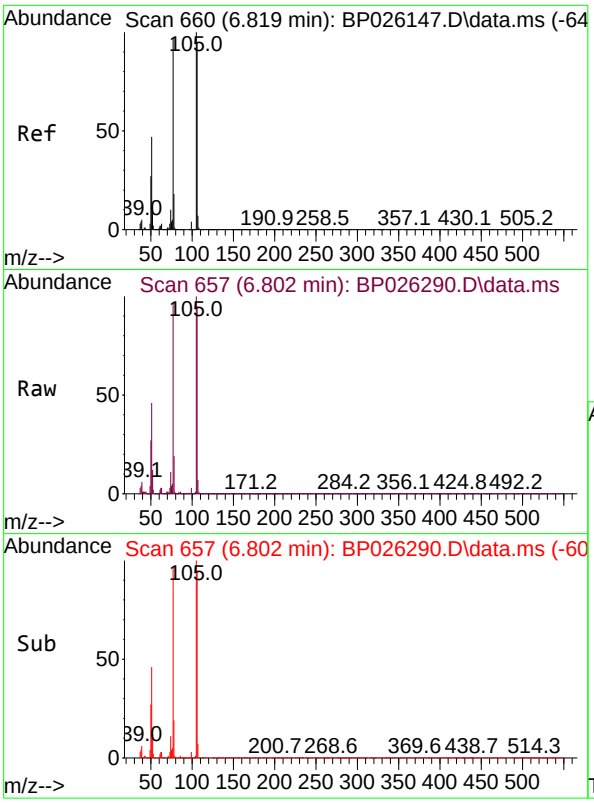


#8
2-Chlorophenol
Concen: 39.287 ng
RT: 7.219 min Scan# 728
Delta R.T. -0.006 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:128 Resp: 588520

Ion	Ratio	Lower	Upper
128	100		
130	31.8	12.4	52.4
64	44.1	23.9	63.9

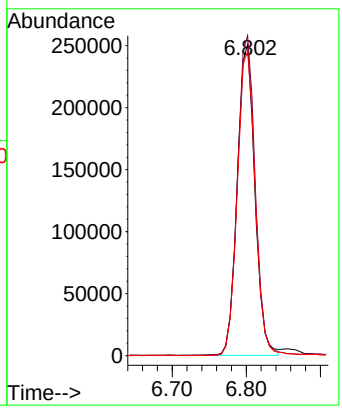




#9
Benzaldehyde
Concen: 46.176 ng
RT: 6.802 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion: 77 Resp: 41422

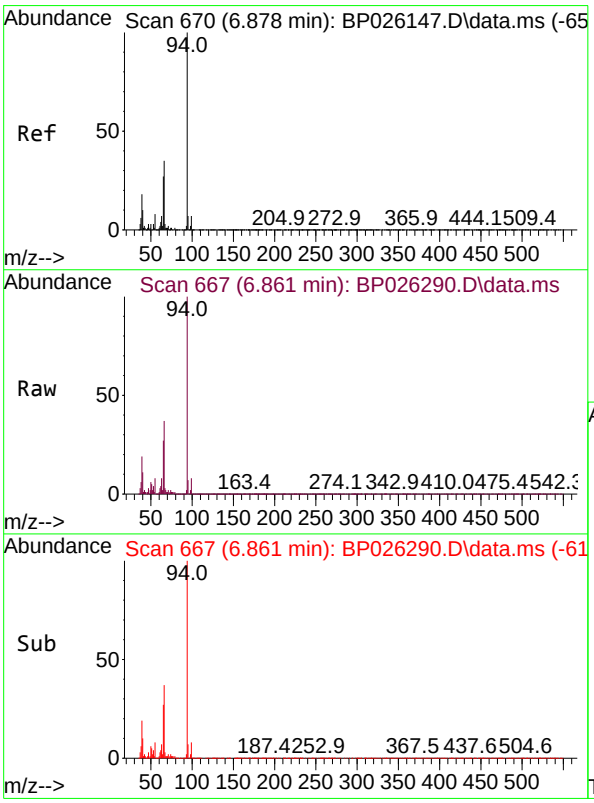
Ion	Ratio	Lower	Upper
77	100		
105	102.8	82.9	122.9
106	97.9	77.8	117.8



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

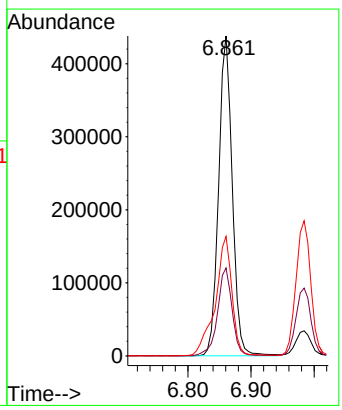
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

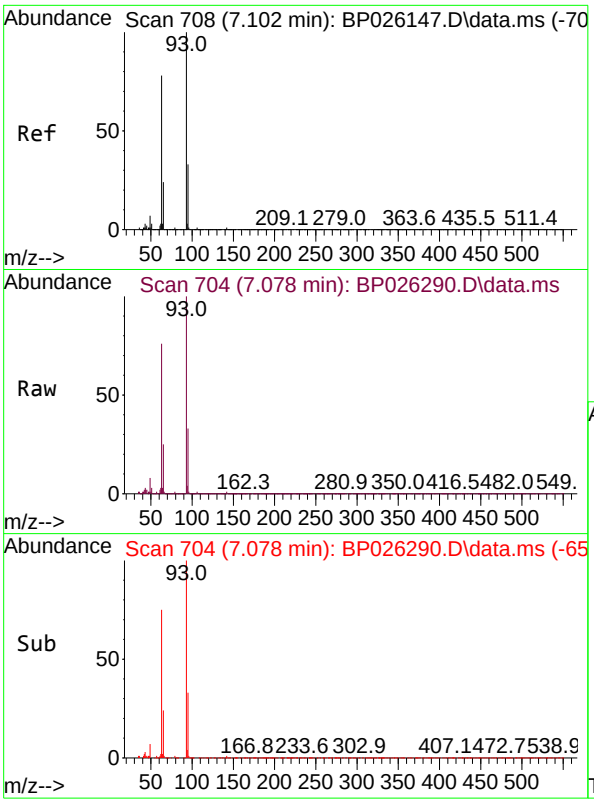


#10
Phenol
Concen: 36.766 ng
RT: 6.861 min Scan# 667
Delta R.T. -0.006 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion: 94 Resp: 658102

Ion	Ratio	Lower	Upper
94	100		
65	27.5	7.0	47.0
66	37.3	14.5	54.5

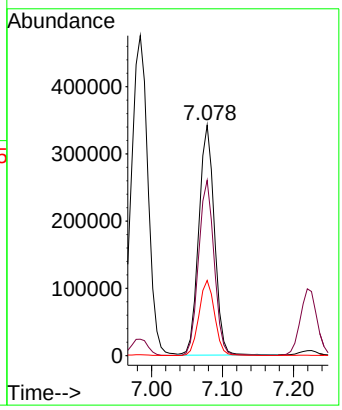




#11
bis(2-Chloroethyl)ether
Concen: 37.061 ng
RT: 7.078 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion: 93 Resp: 52011

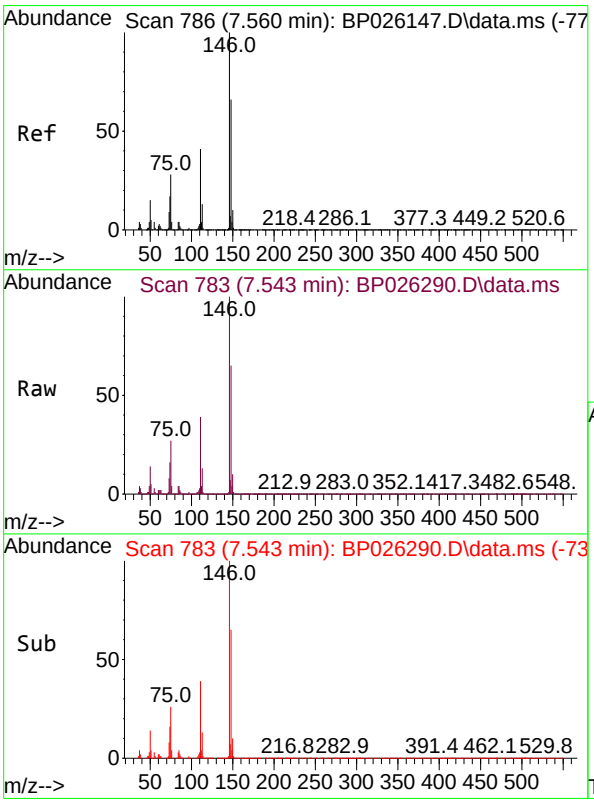
Ion	Ratio	Lower	Upper
93	100		
63	76.0	58.8	98.8
95	32.6	12.1	52.1



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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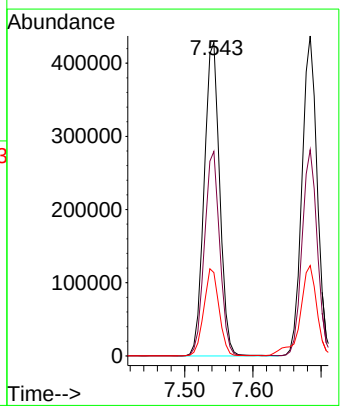
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

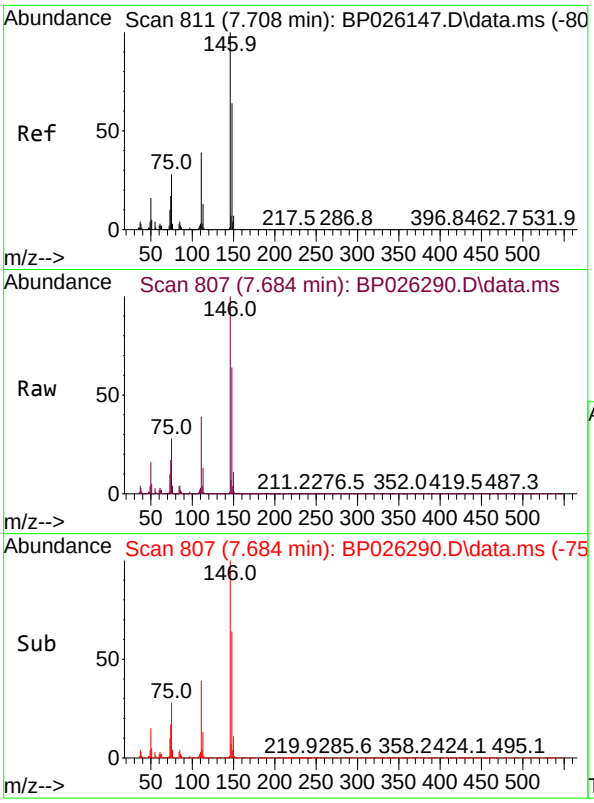


#12
1,3-Dichlorobenzene
Concen: 41.763 ng
RT: 7.543 min Scan# 783
Delta R.T. -0.006 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:146 Resp: 676982

Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.8	77.8
75	26.6	22.2	33.2

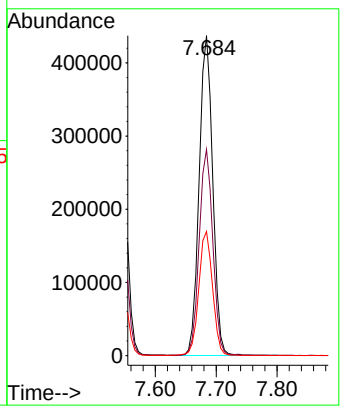




#13
1,4-Dichlorobenzene
Concen: 41.392 ng
RT: 7.684 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:146 Resp: 67614

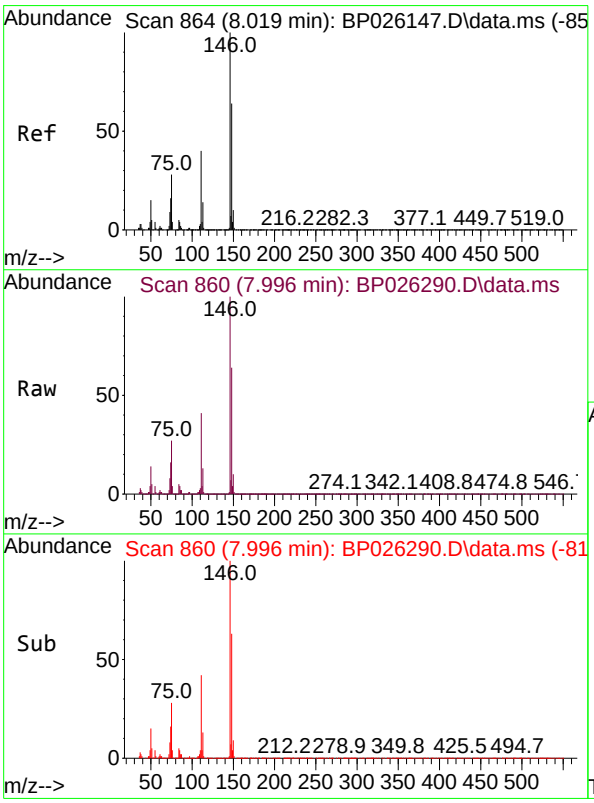
Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.4	77.2
111	38.8	31.7	47.5



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

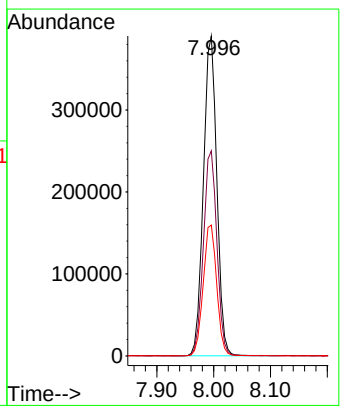
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

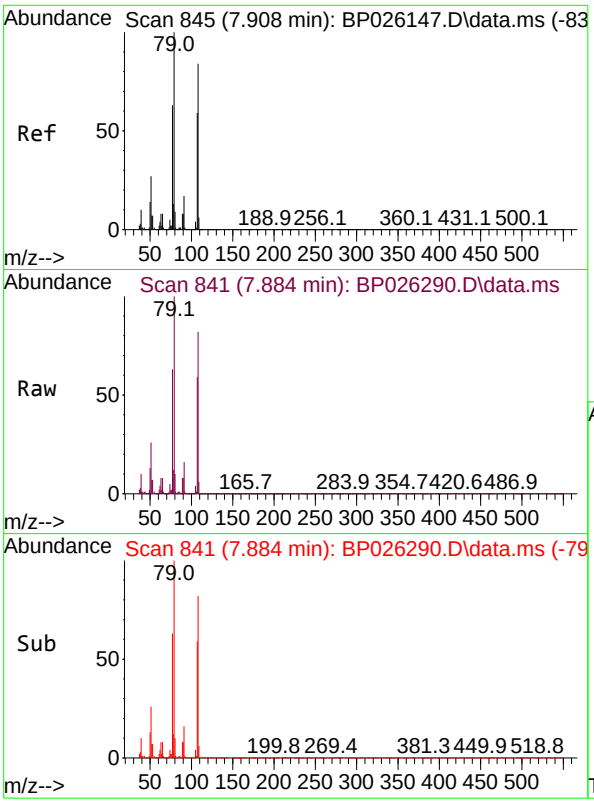


#14
1,2-Dichlorobenzene
Concen: 40.938 ng
RT: 7.996 min Scan# 860
Delta R.T. -0.006 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:146 Resp: 641907

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.0	76.6
111	40.9	33.0	49.4





#15
Benzyl Alcohol
Concen: 36.075 ng
RT: 7.884 min Scan# 84
Delta R.T. -0.006 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

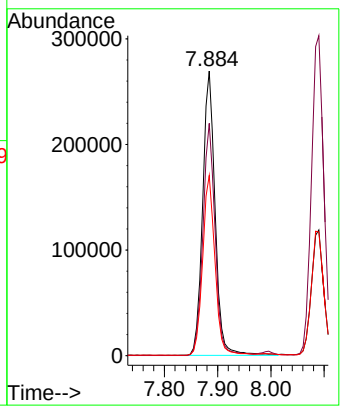
Tgt Ion: 79 Resp: 436389

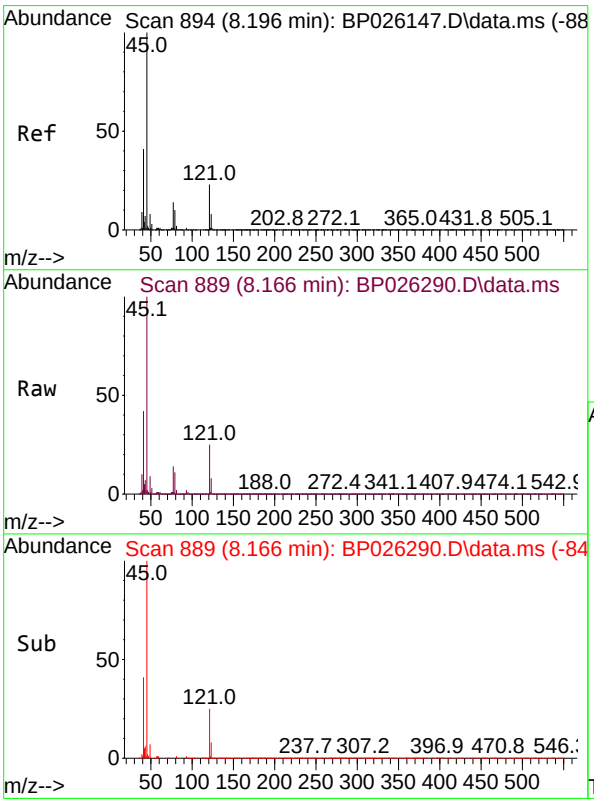
Ion	Ratio	Lower	Upper
79	100		
108	81.6	66.2	99.4
77	63.3	50.0	75.0

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

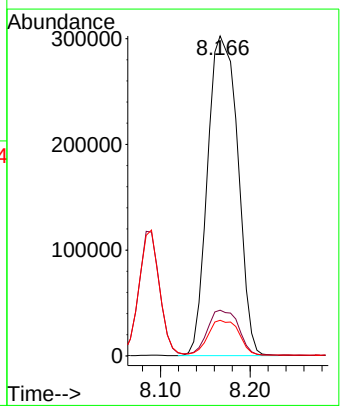


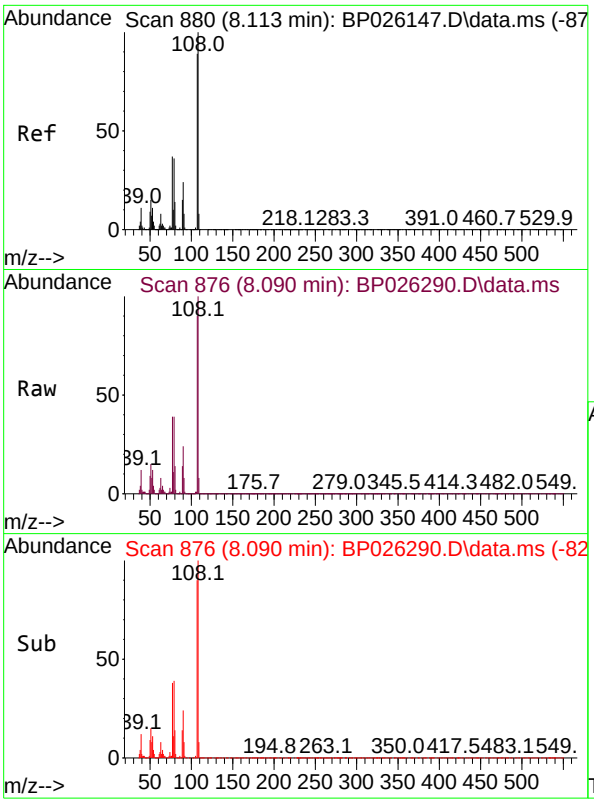


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.291 ng
RT: 8.166 min Scan# 889
Delta R.T. -0.012 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion: 45 Resp: 710836

Ion	Ratio	Lower	Upper
45	100		
77	14.3	0.0	33.9
79	11.1	0.0	30.4

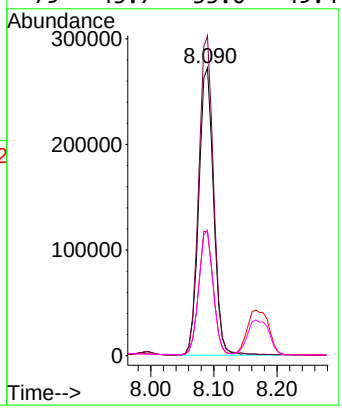




#17
2-Methylphenol
Concen: 36.526 ng
RT: 8.090 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:107 Resp: 44373

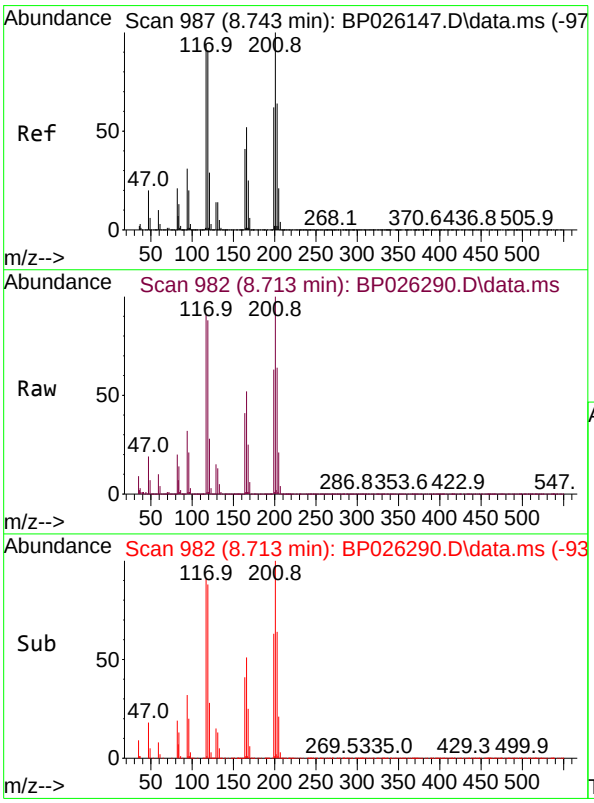
Ion	Ratio	Lower	Upper
107	100		
108	111.2	89.7	134.5
77	43.0	33.9	50.9
79	43.7	33.0	49.4



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

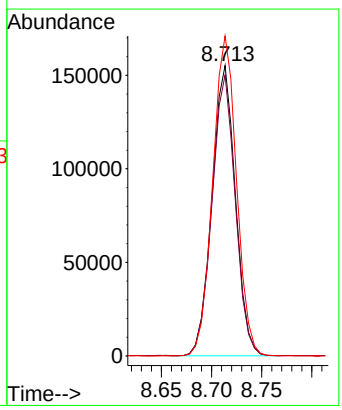
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

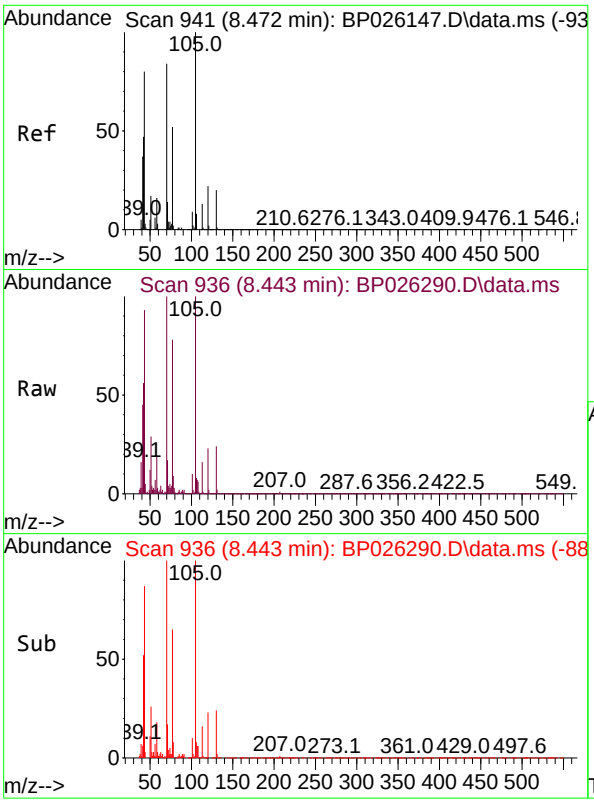


#18
Hexachloroethane
Concen: 42.479 ng
RT: 8.713 min Scan# 982
Delta R.T. -0.012 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:117 Resp: 252053

Ion	Ratio	Lower	Upper
117	100		
119	96.7	78.7	118.1
201	110.2	85.1	127.7

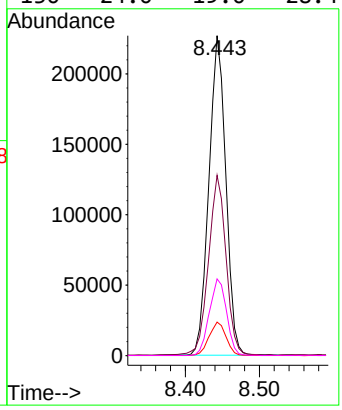




#19
n-Nitroso-di-n-propylamine
Concen: 35.029 ng
RT: 8.443 min Scan# 9
Delta R.T. -0.012 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion: 70 Resp: 35931

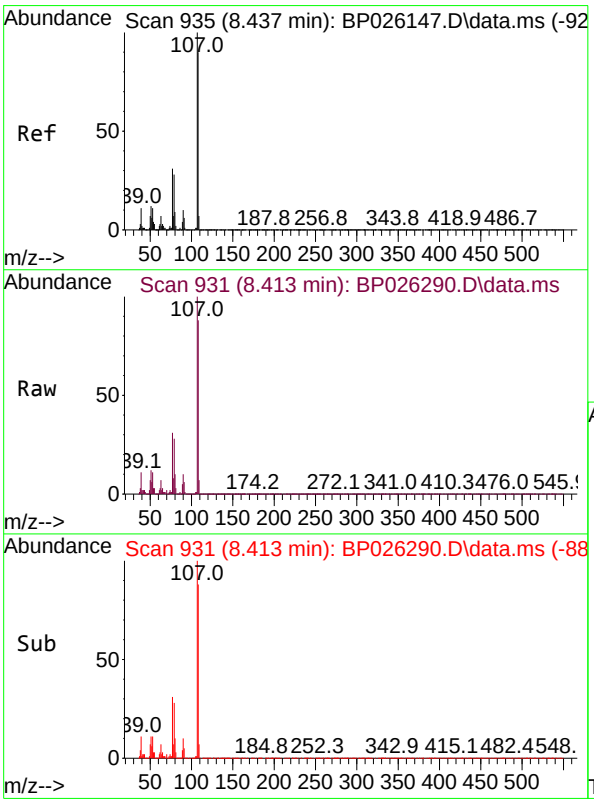
Ion	Ratio	Lower	Upper
70	100		
42	56.3	44.1	66.1
101	10.5	8.2	12.4
130	24.0	19.0	28.4



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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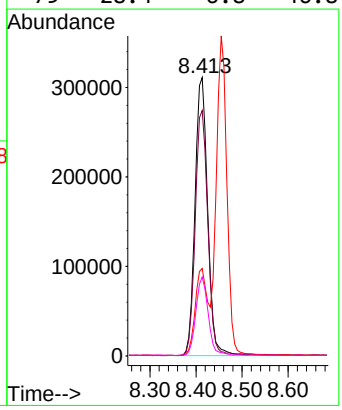
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

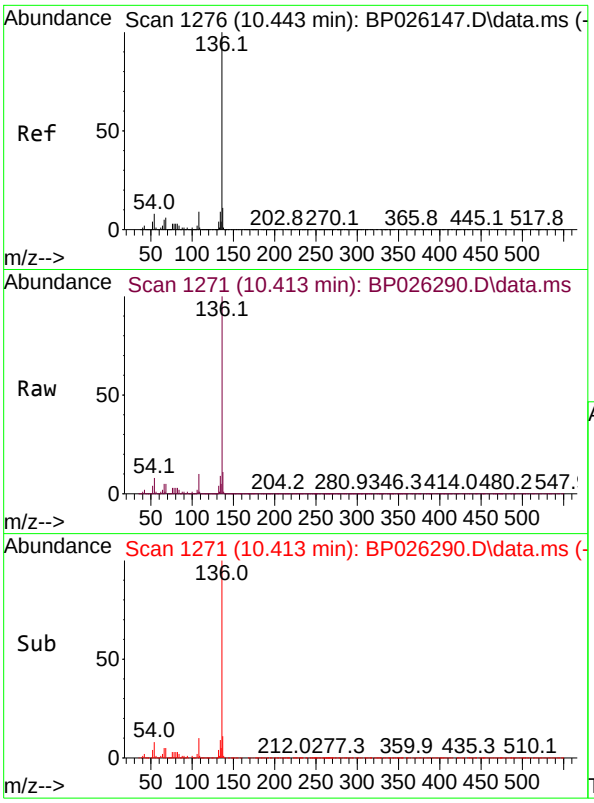


#20
3+4-Methylphenols
Concen: 35.351 ng
RT: 8.413 min Scan# 931
Delta R.T. -0.006 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:107 Resp: 593045

Ion	Ratio	Lower	Upper
107	100		
108	88.1	68.9	108.9
77	31.5	10.4	50.4
79	28.4	6.8	46.8

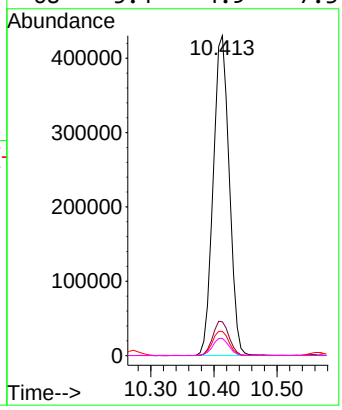




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.413 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:136 Resp: 75928

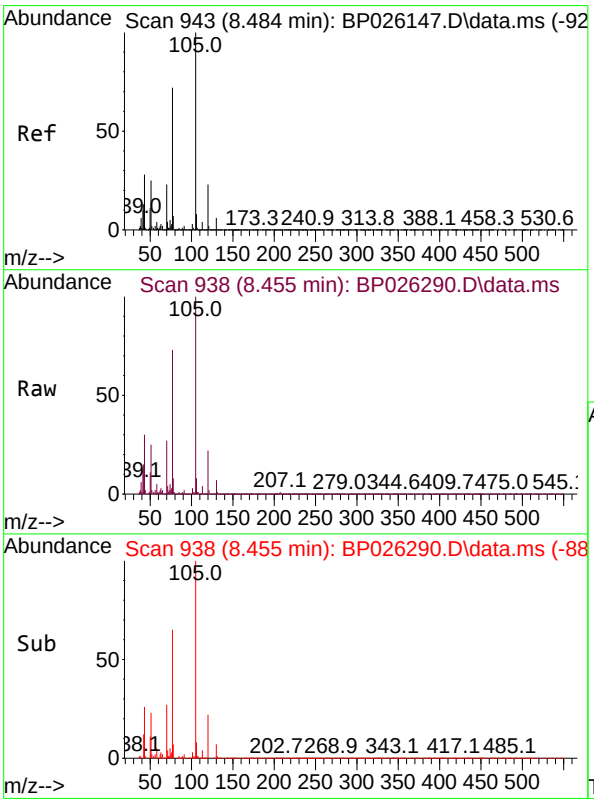
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	7.6	6.4	9.6
68	5.4	4.9	7.3



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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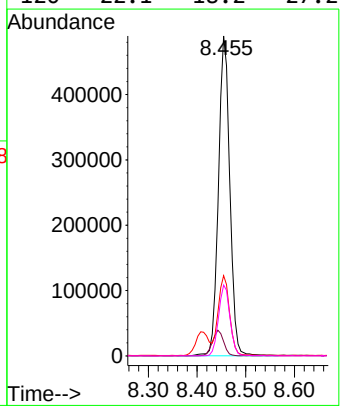
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

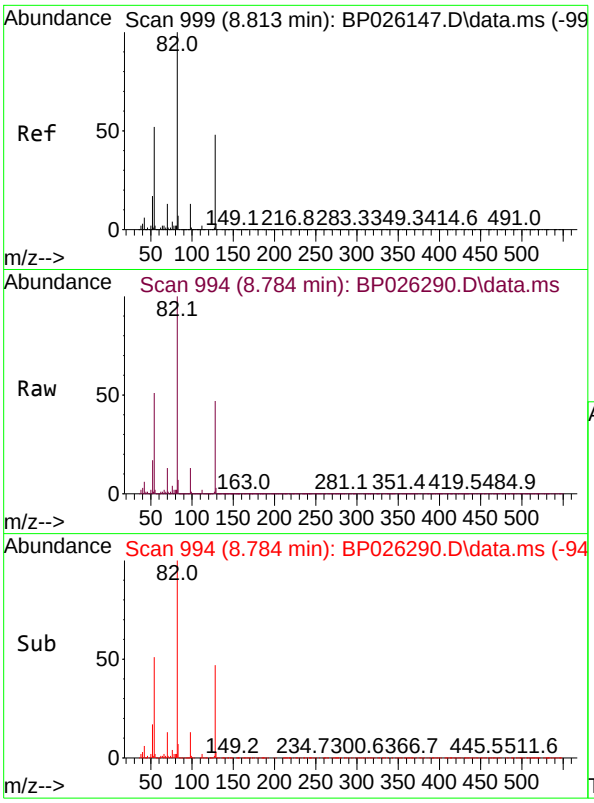


#22
Acetophenone
Concen: 41.126 ng
RT: 8.455 min Scan# 938
Delta R.T. -0.006 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:105 Resp: 792086

Ion	Ratio	Lower	Upper
105	100		
71	4.5	3.0	4.4#
51	25.1	20.5	30.7
120	22.1	18.2	27.2

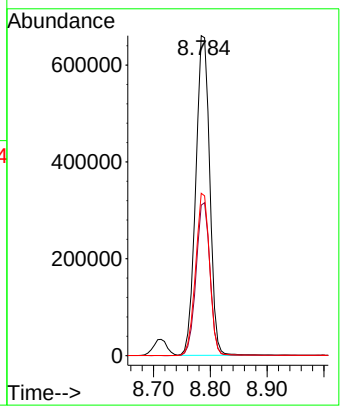




#23
Nitrobenzene-d5
Concen: 84.636 ng
RT: 8.784 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion: 82 Resp: 112900

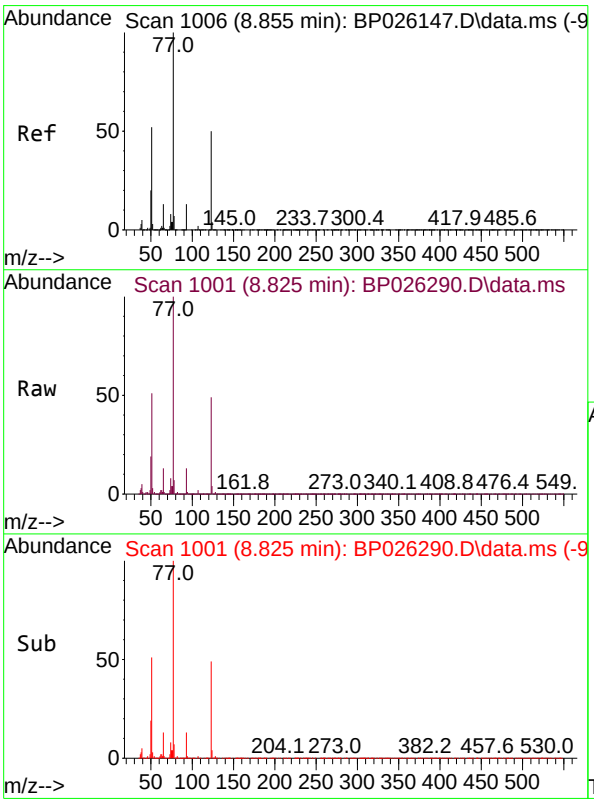
Ion	Ratio	Lower	Upper
82	100		
128	47.0	37.4	56.0
54	50.7	41.6	62.4



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

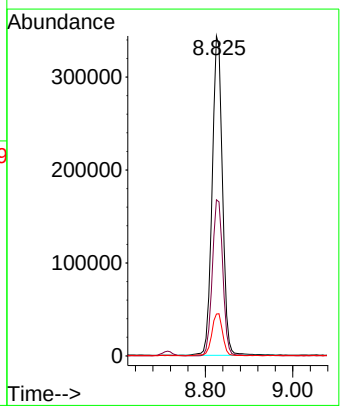
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

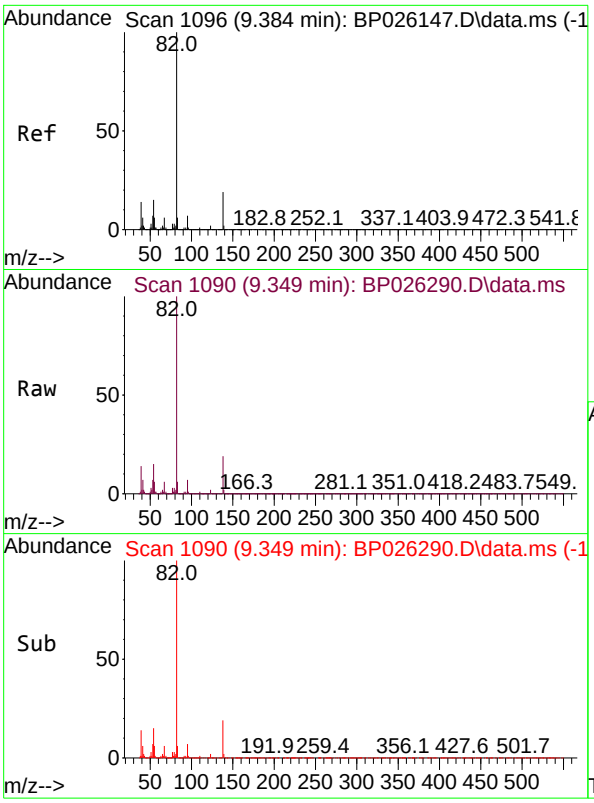


#24
Nitrobenzene
Concen: 41.992 ng
RT: 8.825 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion: 77 Resp: 566199

Ion	Ratio	Lower	Upper
77	100		
123	48.8	39.8	59.8
65	13.1	11.2	16.8

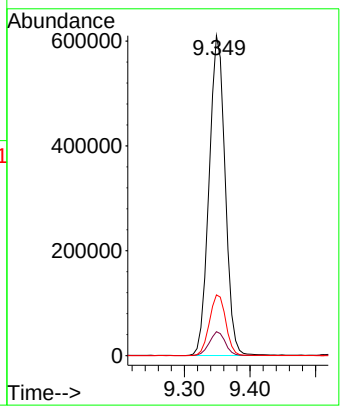




#25
Isophorone
Concen: 39.702 ng
RT: 9.349 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion: 82 Resp: 103902

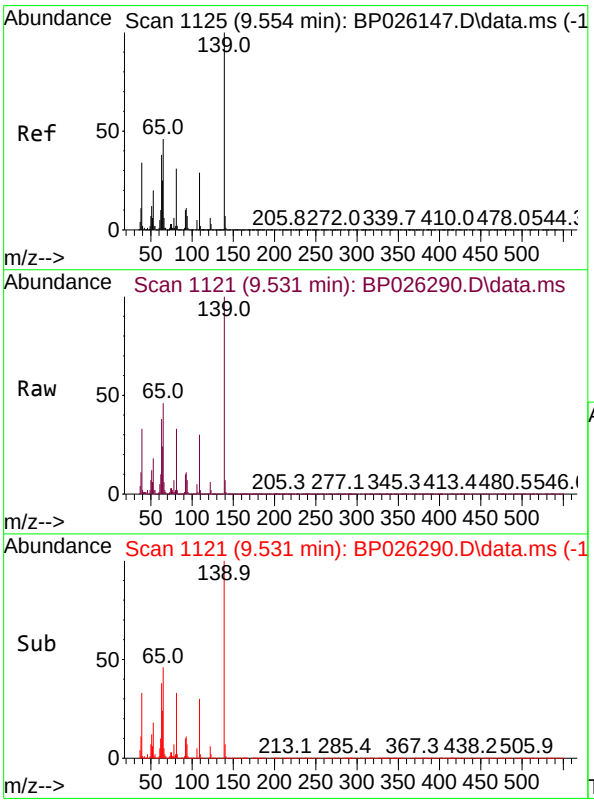
Ion	Ratio	Lower	Upper
82	100		
95	7.5	5.4	8.0
138	19.0	15.4	23.0



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

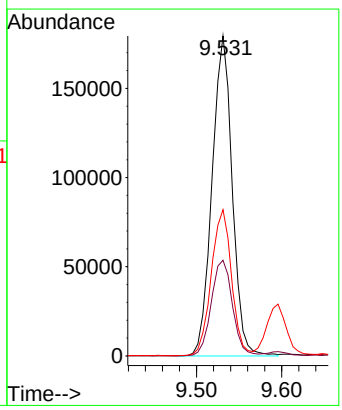
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

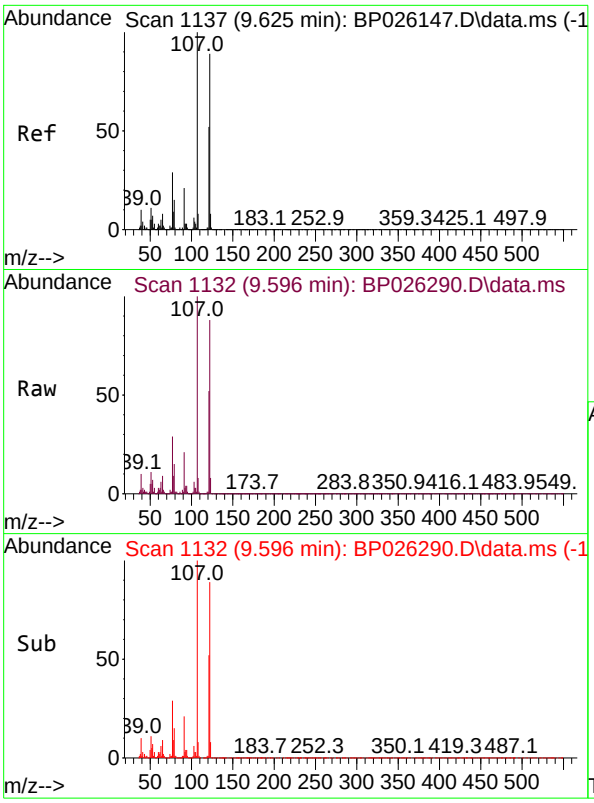


#26
2-Nitrophenol
Concen: 43.297 ng
RT: 9.531 min Scan# 1121
Delta R.T. -0.006 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:139 Resp: 295167

Ion	Ratio	Lower	Upper
139	100		
109	29.9	22.3	33.5
65	45.7	37.2	55.8

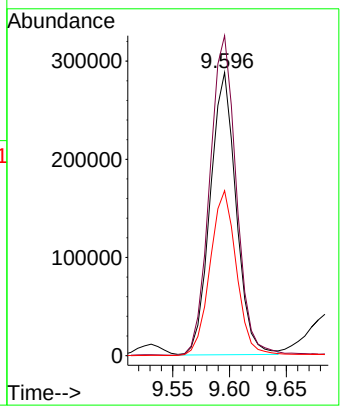




#27
2,4-Dimethylphenol
Concen: 37.742 ng
RT: 9.596 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:122 Resp: 45540

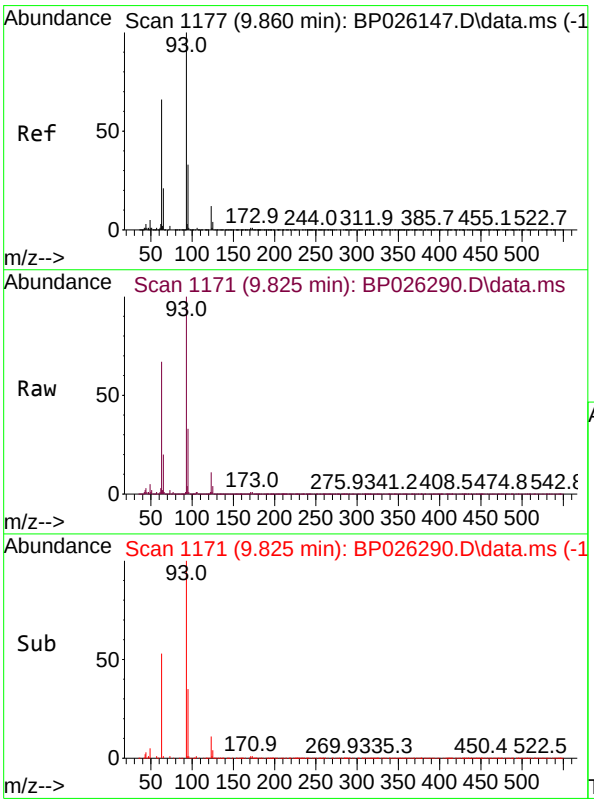
Ion	Ratio	Lower	Upper
122	100		
107	113.0	91.0	136.6
121	58.3	47.0	70.6



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

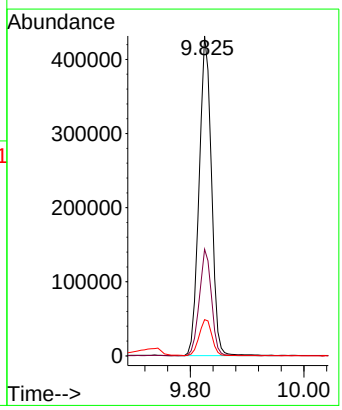
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

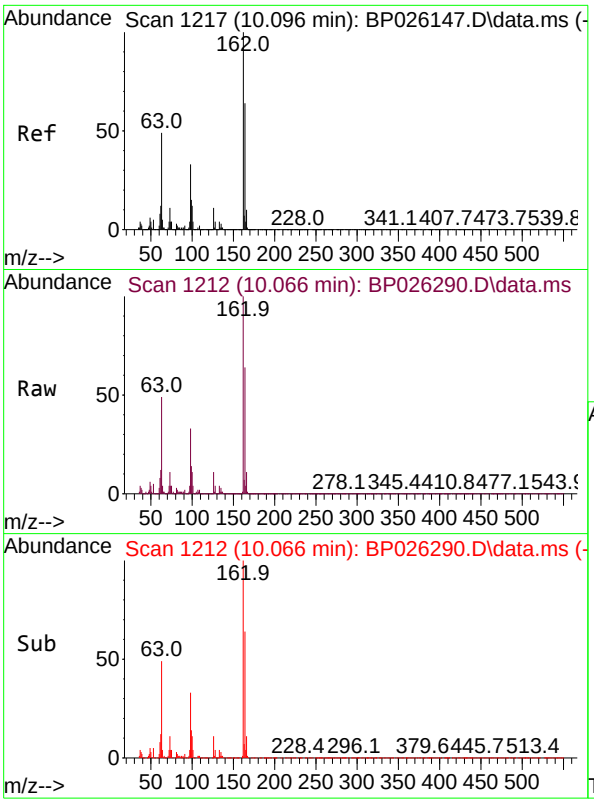


#28
bis(2-Chloroethoxy)methane
Concen: 39.411 ng
RT: 9.825 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion: 93 Resp: 648211

Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.4	39.6
123	11.3	9.4	14.0

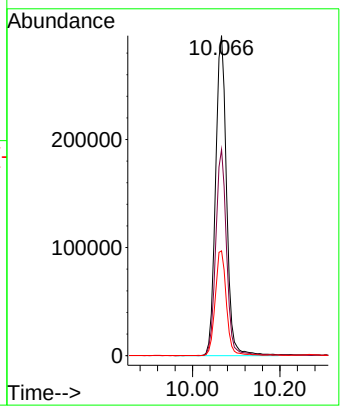




#29
2,4-Dichlorophenol
Concen: 42.206 ng
RT: 10.066 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:162 Resp: 51899

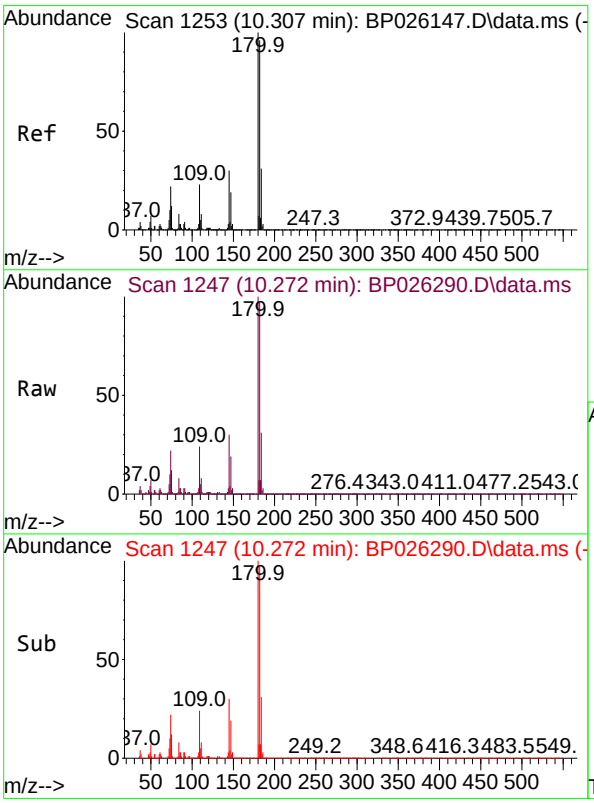
Ion	Ratio	Lower	Upper
162	100		
164	64.4	43.8	83.8
98	32.8	14.1	54.1



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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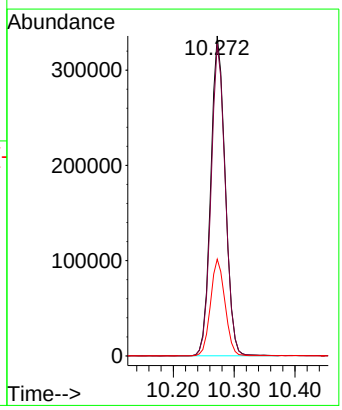
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

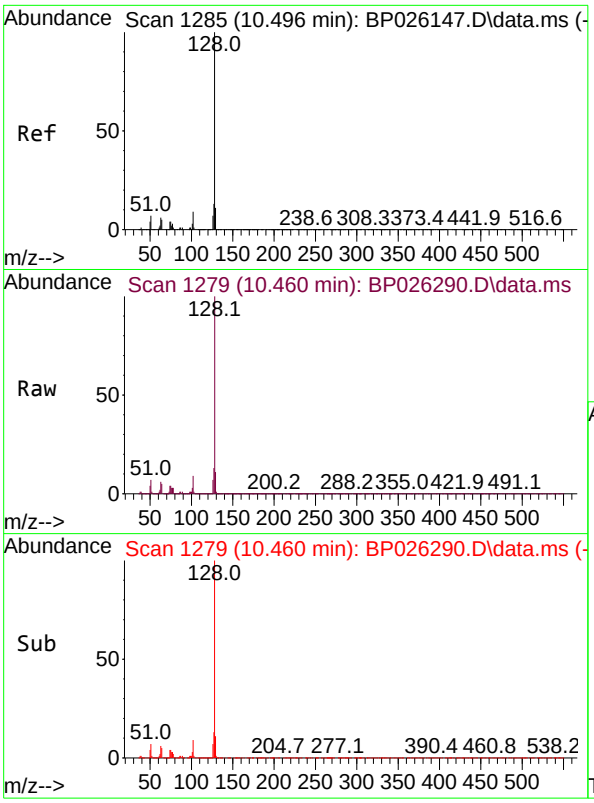


#30
1,2,4-Trichlorobenzene
Concen: 43.837 ng
RT: 10.272 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:180 Resp: 554124

Ion	Ratio	Lower	Upper
180	100		
182	97.5	78.1	117.1
145	30.2	24.2	36.4

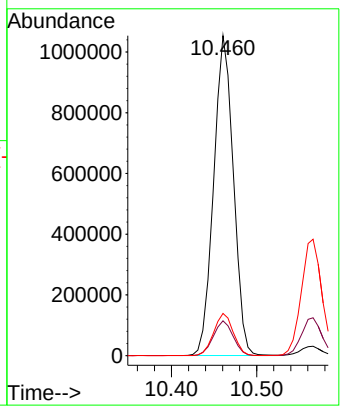




#31
Naphthalene
Concen: 41.327 ng
RT: 10.460 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:128 Resp: 169643

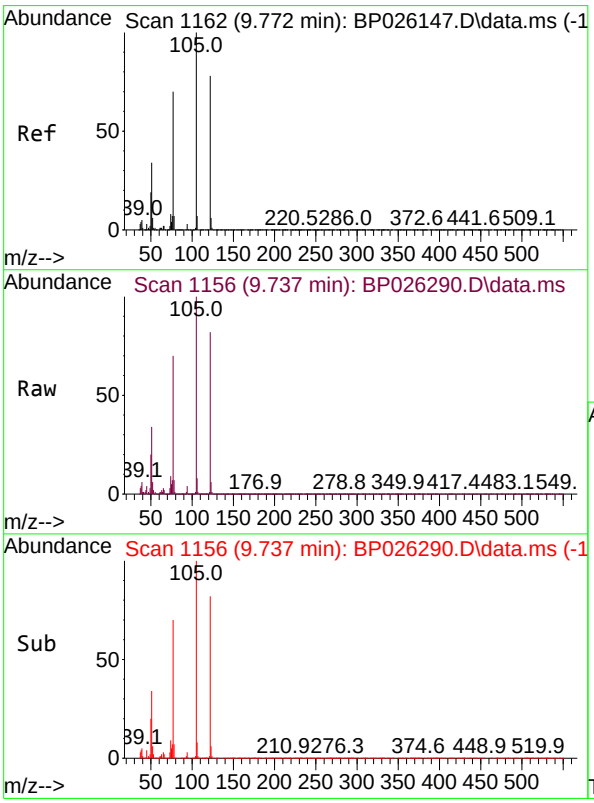
Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.6
127	13.2	10.2	15.4



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

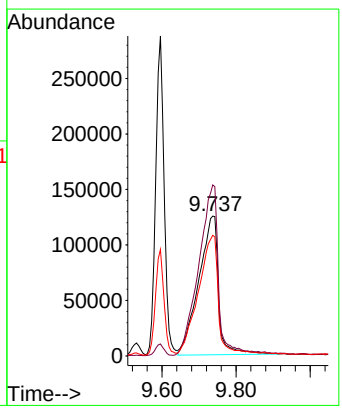
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

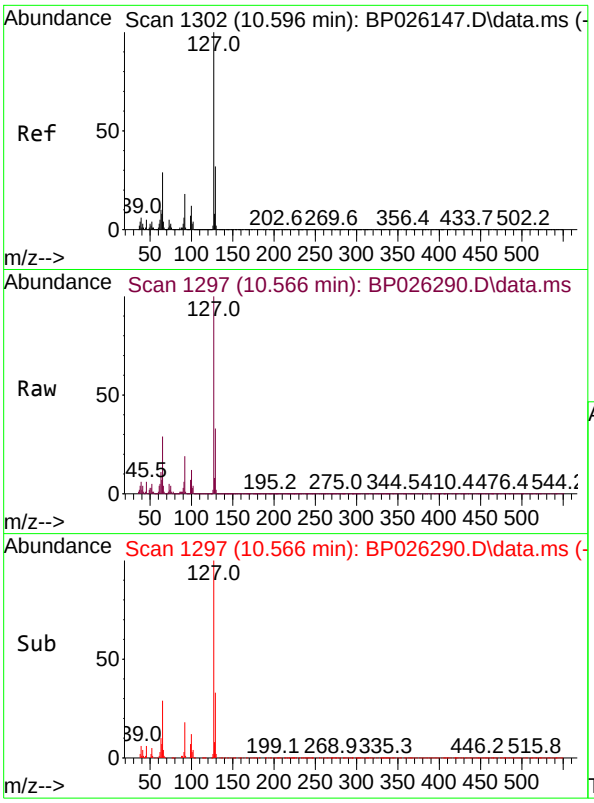


#32
Benzoic acid
Concen: 48.023 ng
RT: 9.737 min Scan# 1156
Delta R.T. 0.029 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:122 Resp: 464188

Ion	Ratio	Lower	Upper
122	100		
105	122.3	100.1	140.1
77	86.2	66.7	106.7

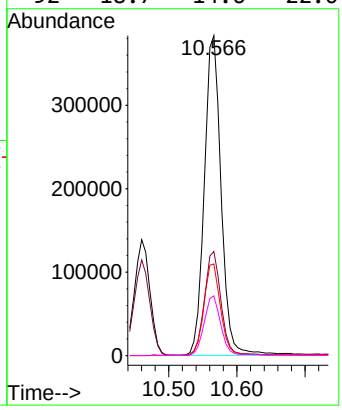




#33
4-Chloroaniline
Concen: 38.130 ng
RT: 10.566 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:127 Resp: 65571

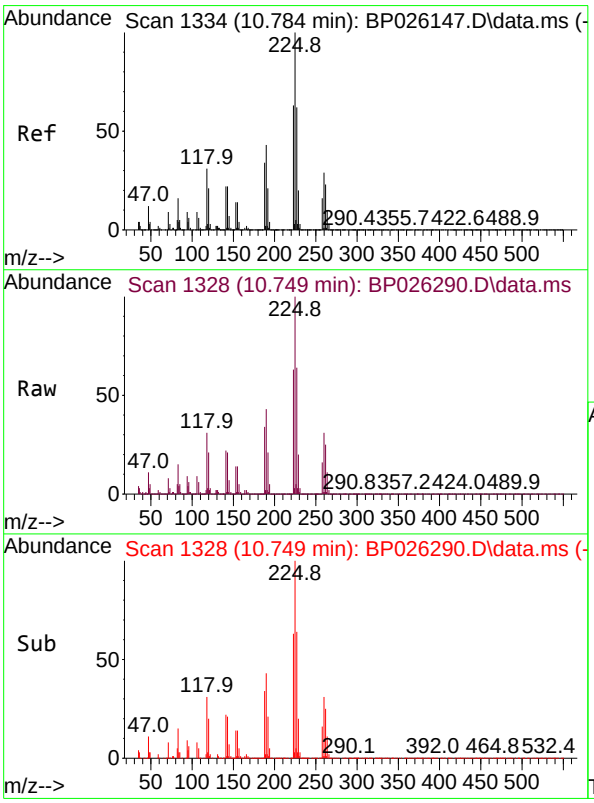
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.8	38.8
65	28.6	22.7	34.1
92	18.7	14.6	22.0



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

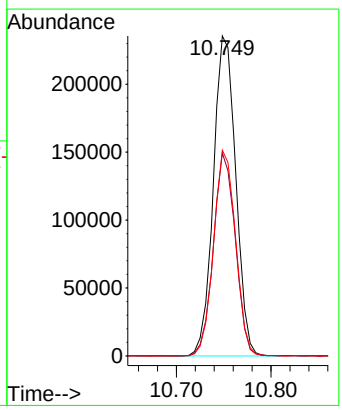
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

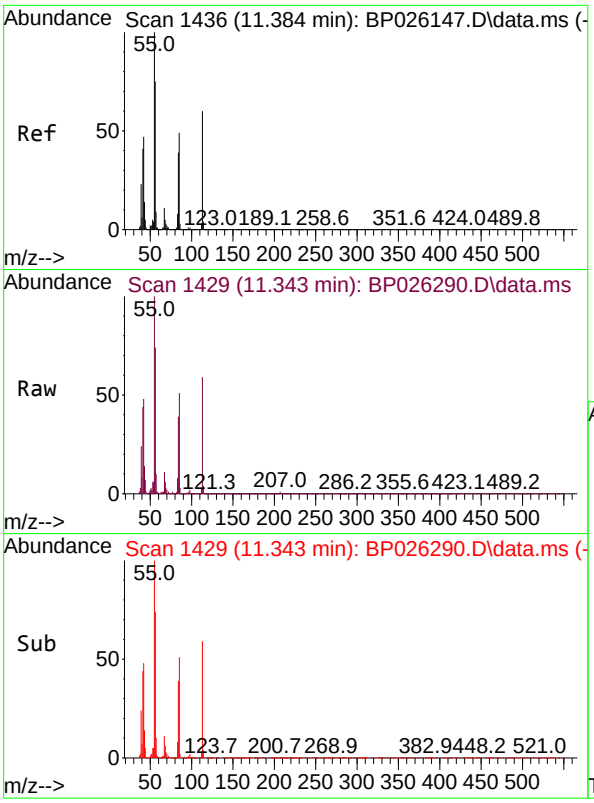


#34
Hexachlorobutadiene
Concen: 46.836 ng
RT: 10.749 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:225 Resp: 386553

Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.6	74.4
227	64.3	51.2	76.8

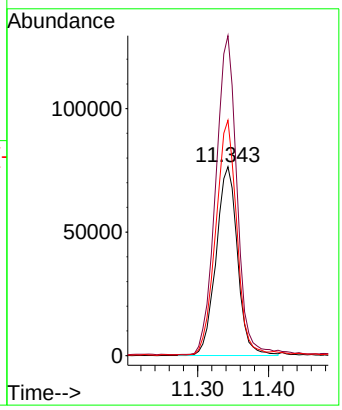




#35
Caprolactam
Concen: 36.959 ng
RT: 11.343 min Scan# 14
Delta R.T. -0.018 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:113 Resp: 16049

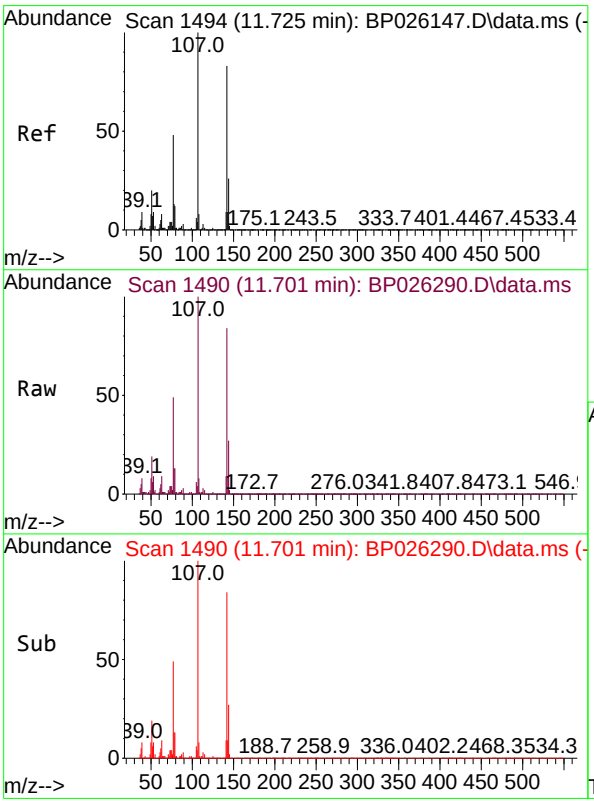
Ion	Ratio	Lower	Upper
113	100		
55	169.4	153.0	193.0
56	124.6	106.4	146.4



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

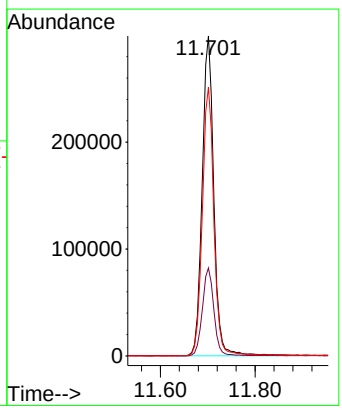
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

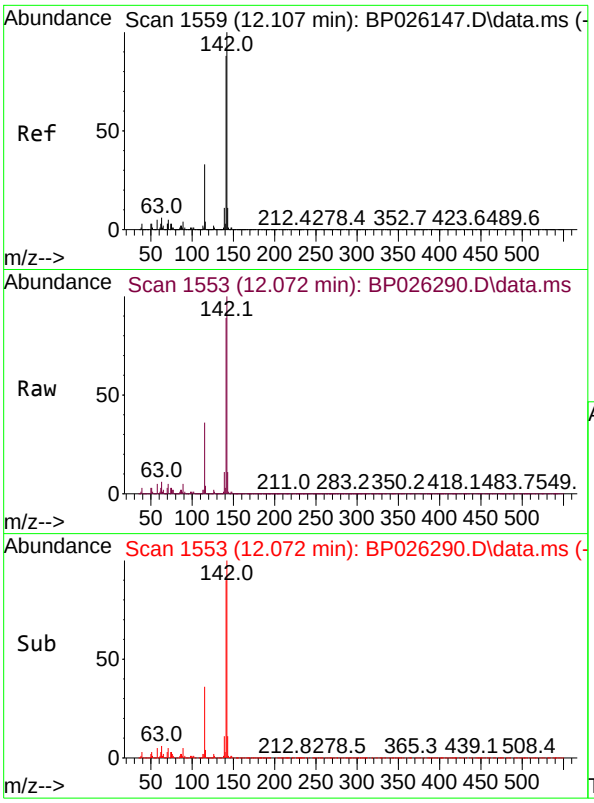


#36
4-Chloro-3-methylphenol
Concen: 39.289 ng
RT: 11.701 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:107 Resp: 508338

Ion	Ratio	Lower	Upper
107	100		
144	27.5	21.6	32.4
142	84.0	65.6	98.4

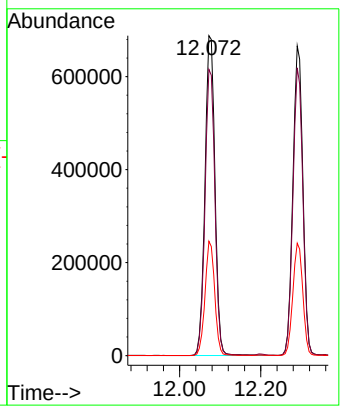




#37
2-Methylnaphthalene
Concen: 40.710 ng
RT: 12.072 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:142 Resp: 117775

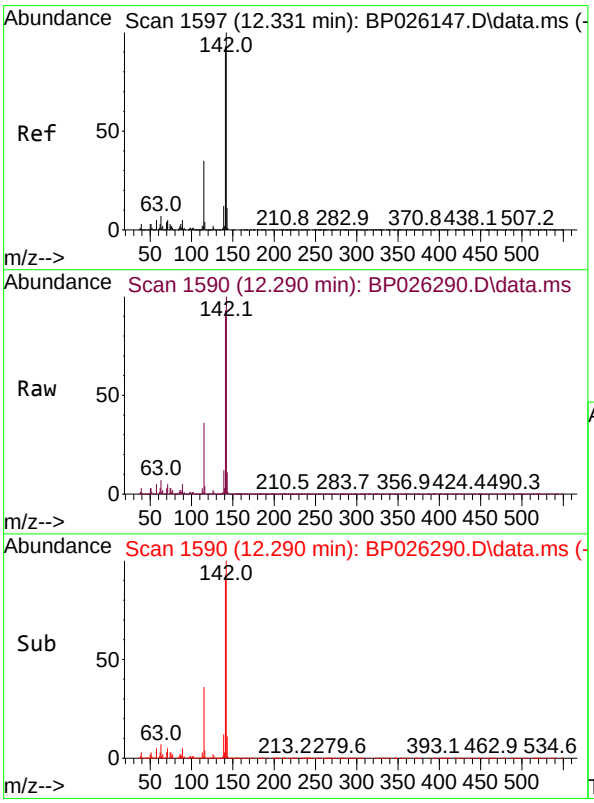
Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.0	106.6
115	35.7	26.6	39.8



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

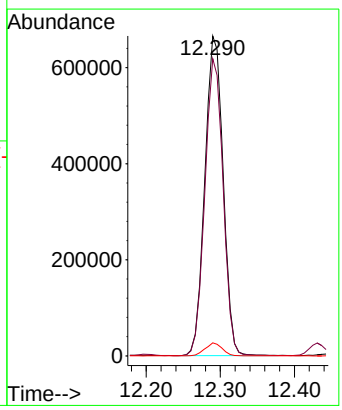
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

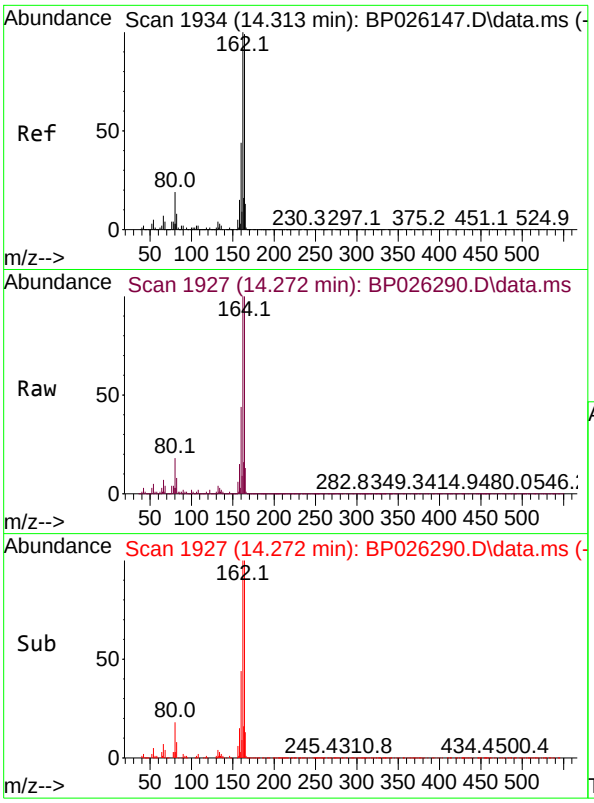


#38
1-Methylnaphthalene
Concen: 40.305 ng
RT: 12.290 min Scan# 1590
Delta R.T. -0.018 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:142 Resp: 1139193

Ion	Ratio	Lower	Upper
142	100		
141	92.9	73.5	110.3
116	4.1	3.0	4.4

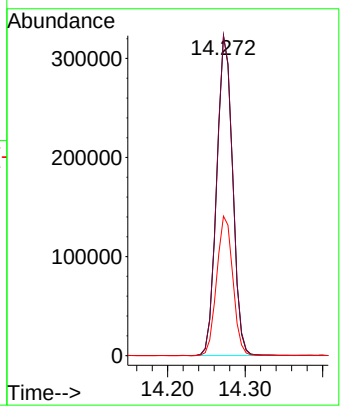




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.272 min Scan# 19
Delta R.T. -0.018 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:164 Resp: 45893

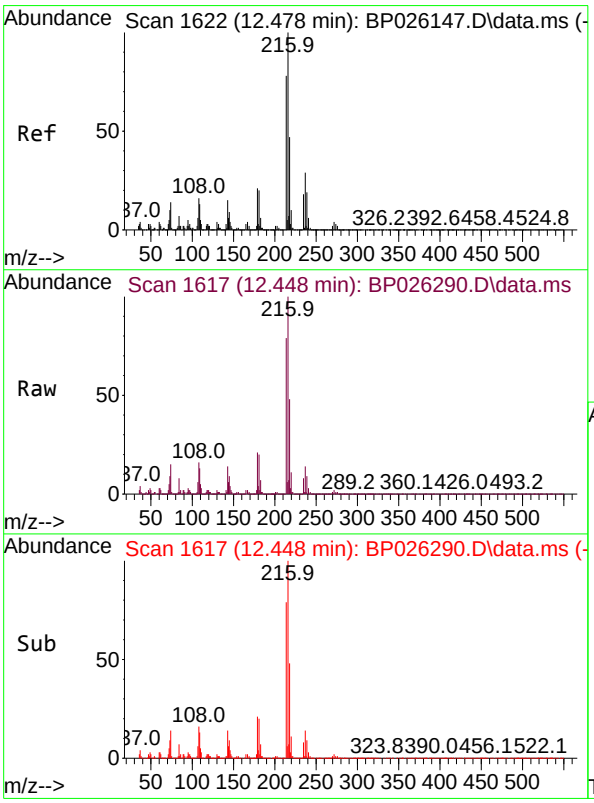
Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.3	120.5
160	43.6	35.2	52.8



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

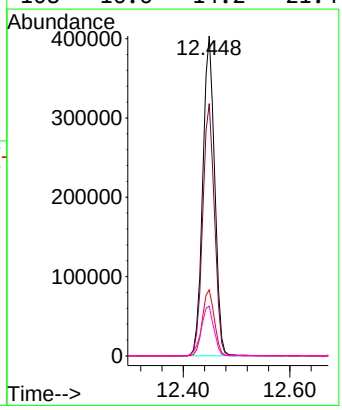
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

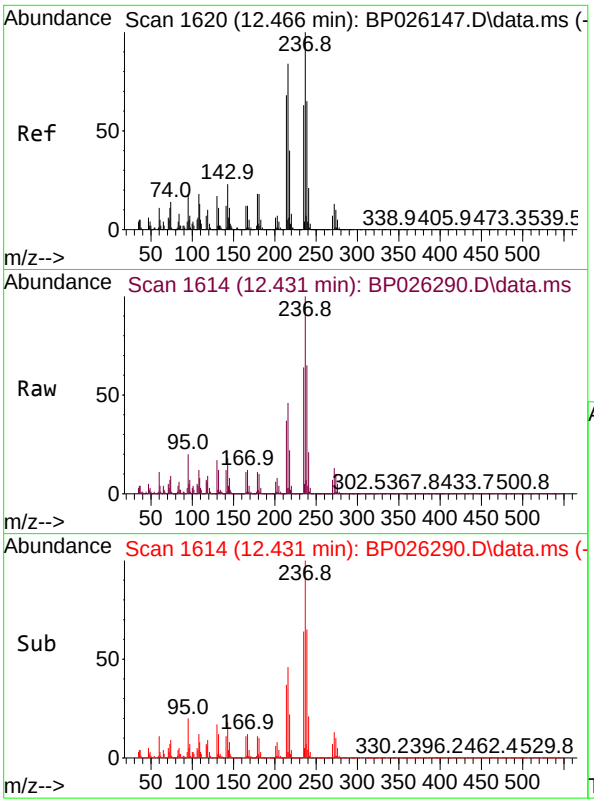


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.532 ng
RT: 12.448 min Scan# 1617
Delta R.T. -0.006 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:216 Resp: 623869

Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.6	94.0
179	20.7	16.6	25.0
108	16.6	14.2	21.4

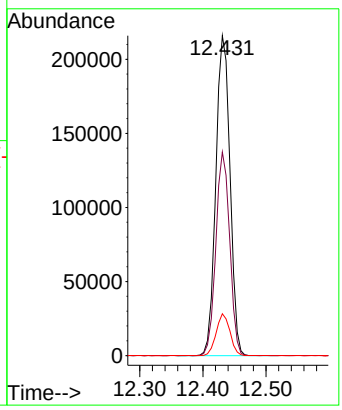




#41
Hexachlorocyclopentadiene
Concen: 38.456 ng
RT: 12.431 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:237 Resp: 33606

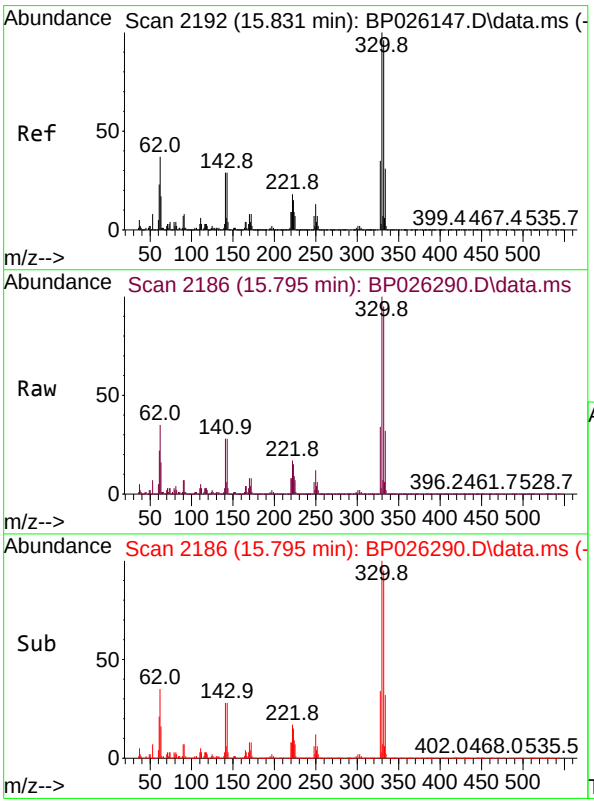
Ion	Ratio	Lower	Upper
237	100		
235	63.6	43.3	83.3
272	13.1	0.0	32.9



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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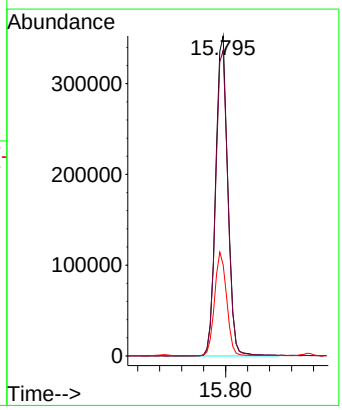
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

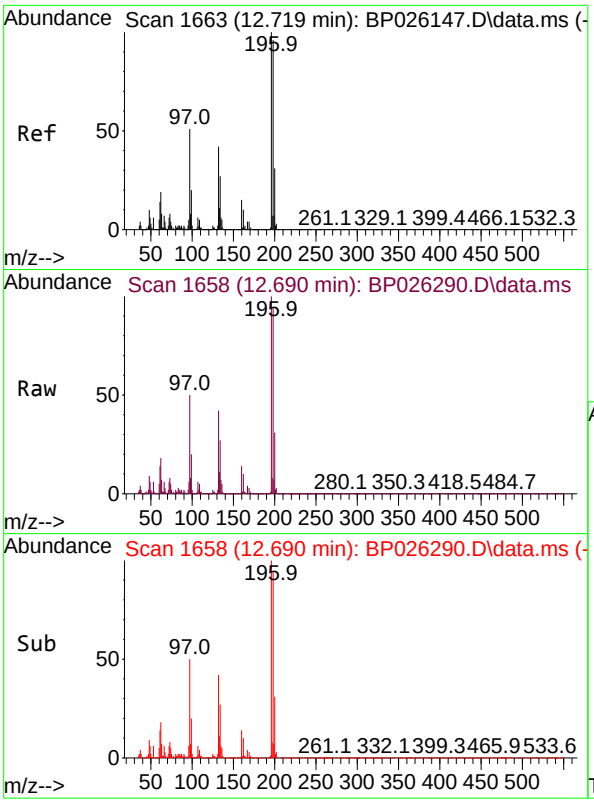


#42
2,4,6-Tribromophenol
Concen: 89.924 ng
RT: 15.795 min Scan# 2186
Delta R.T. -0.012 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:330 Resp: 536689

Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.0	117.0
141	32.3	26.8	40.2





#43
2,4,6-Trichlorophenol
Concen: 43.301 ng
RT: 12.690 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

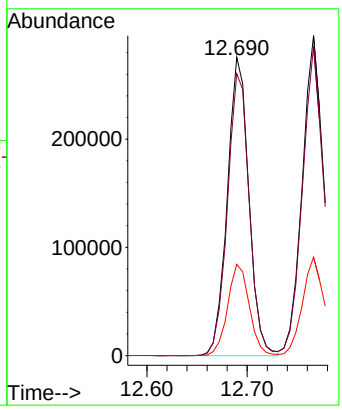
Tgt Ion:196 Resp: 41227

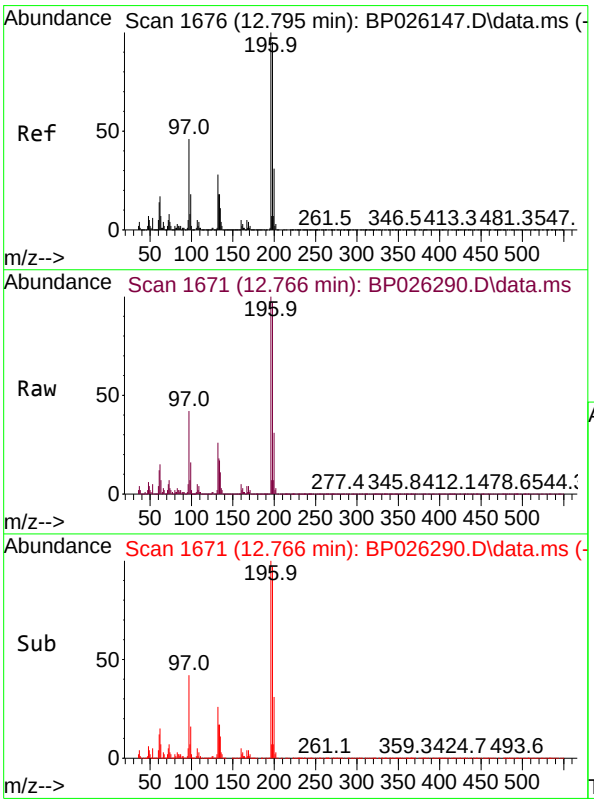
Ion	Ratio	Lower	Upper
196	100		
198	94.5	76.9	115.3
200	30.6	24.6	37.0

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

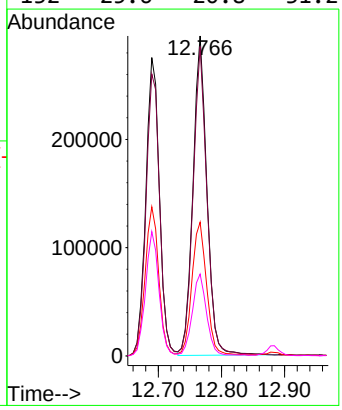


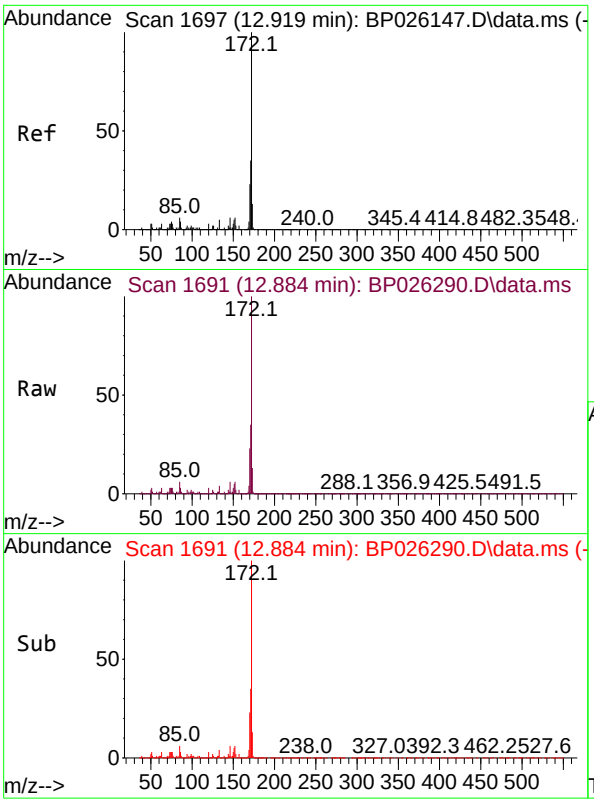


#44
2,4,5-Trichlorophenol
Concen: 42.877 ng
RT: 12.766 min Scan# 1671
Delta R.T. -0.006 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:196 Resp: 454677

Ion	Ratio	Lower	Upper
196	100		
198	96.7	76.4	114.6
97	41.8	35.7	53.5
132	25.6	20.8	31.2

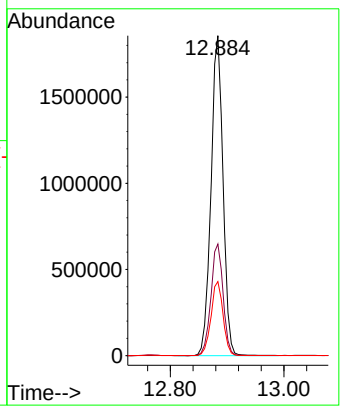




#45
2-Fluorobiphenyl
Concen: 86.796 ng
RT: 12.884 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:172 Resp: 273982

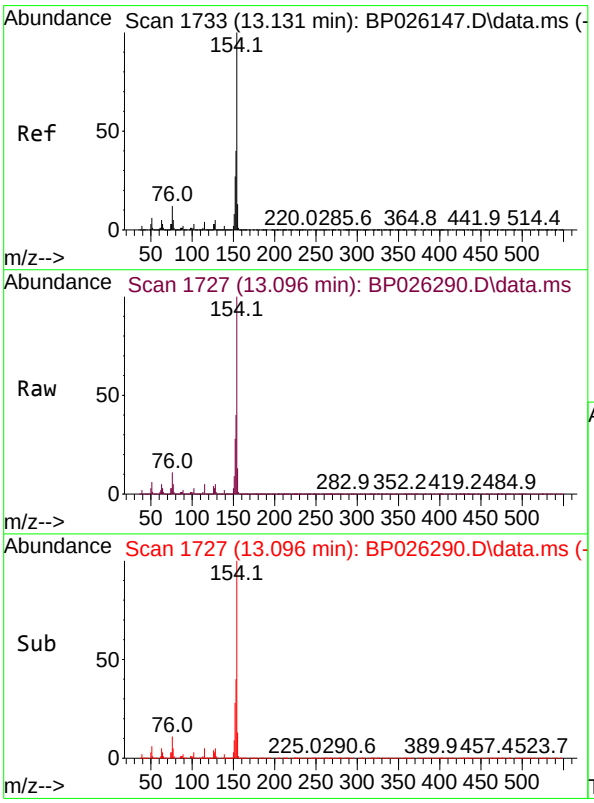
Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.2	42.4
170	23.1	18.7	28.1



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

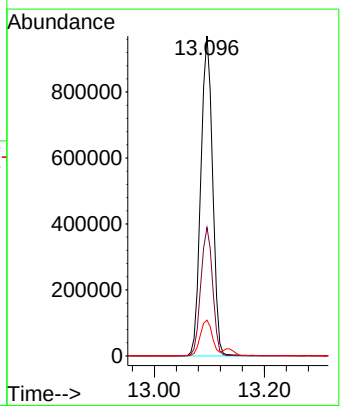
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

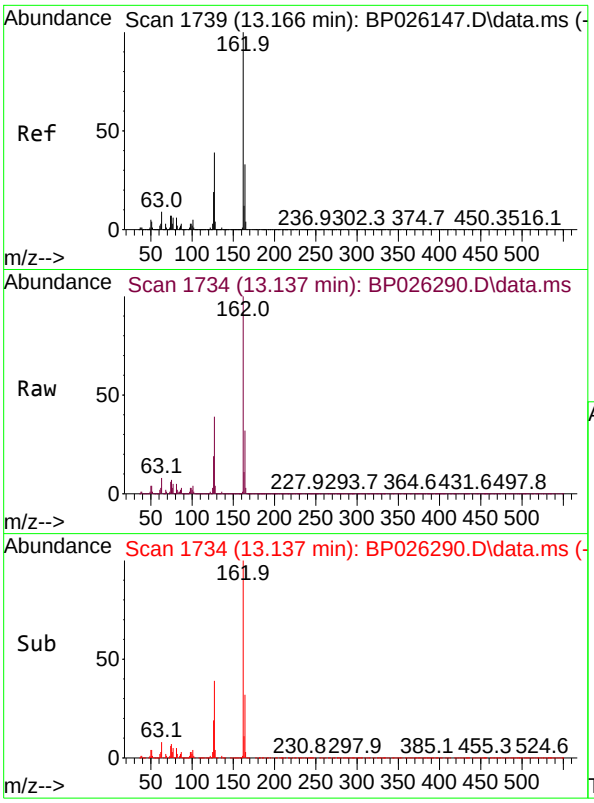


#46
1,1'-Biphenyl
Concen: 41.595 ng
RT: 13.096 min Scan# 1727
Delta R.T. -0.012 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:154 Resp: 1441433

Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.3	60.3
76	11.2	0.0	32.3

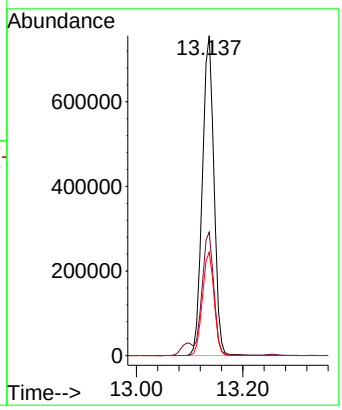




#47
2-Chloronaphthalene
Concen: 42.047 ng
RT: 13.137 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:162 Resp: 114799

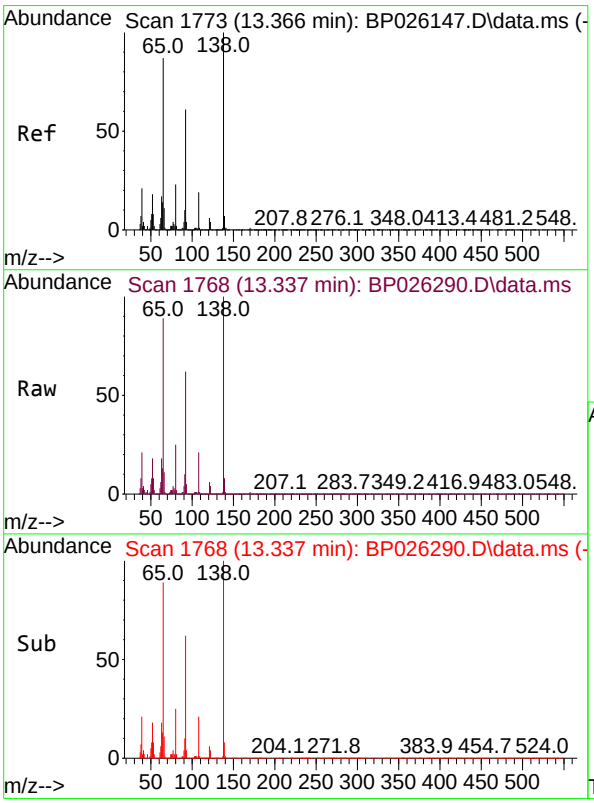
Ion	Ratio	Lower	Upper
162	100		
127	38.6	30.9	46.3
164	32.3	26.4	39.6



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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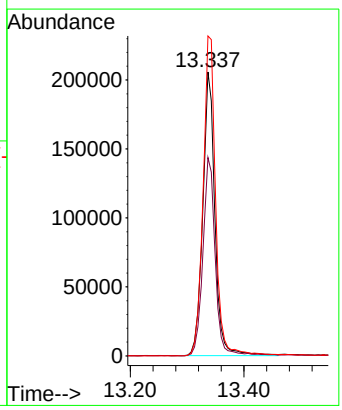
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

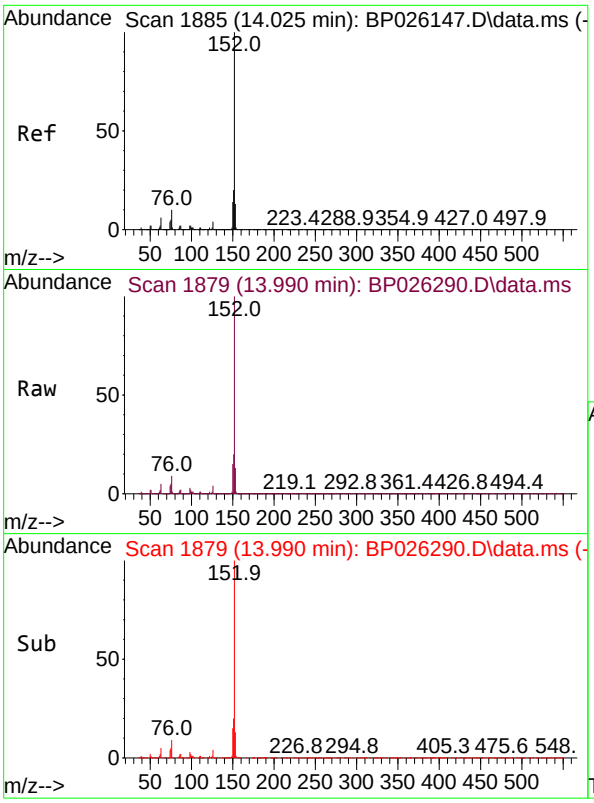


#48
2-Nitroaniline
Concen: 40.945 ng
RT: 13.337 min Scan# 1768
Delta R.T. -0.006 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion: 65 Resp: 306186

Ion	Ratio	Lower	Upper
65	100		
92	69.9	59.1	88.7
138	112.7	96.6	145.0





#49
Acenaphthylene
Concen: 41.418 ng
RT: 13.990 min Scan# 18
Delta R.T. -0.012 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

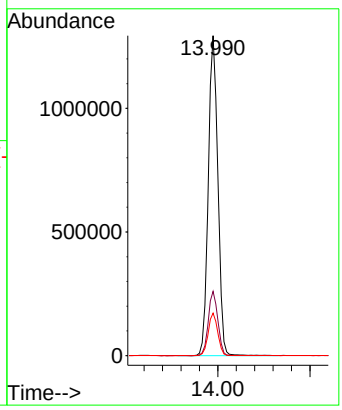
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

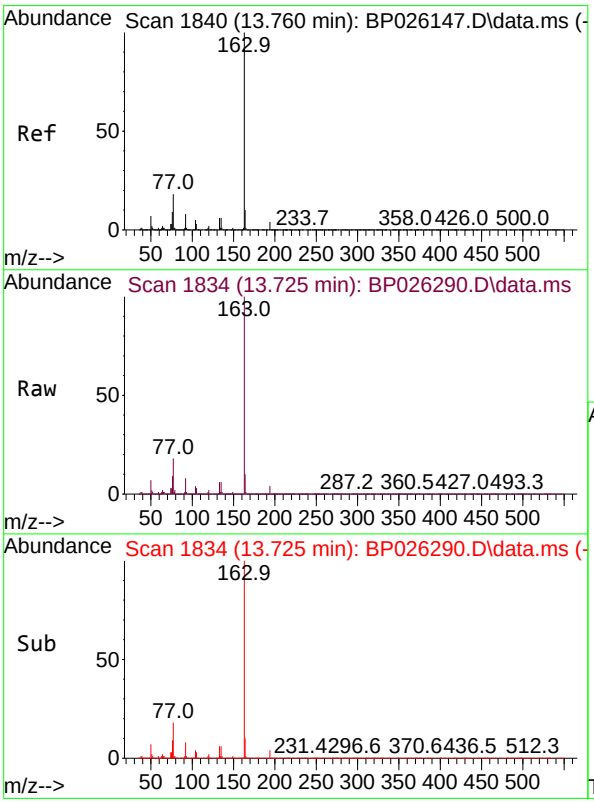
Tgt Ion:152 Resp: 185573

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.8
153	13.3	10.6	16.0

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Supervised By :Jagrut Upadhyay 12/12/2025

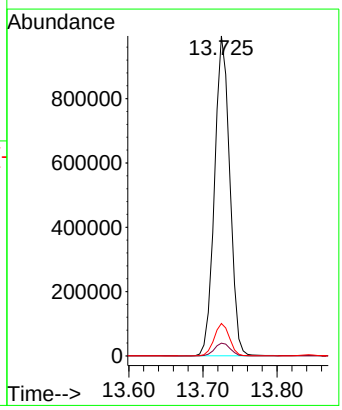


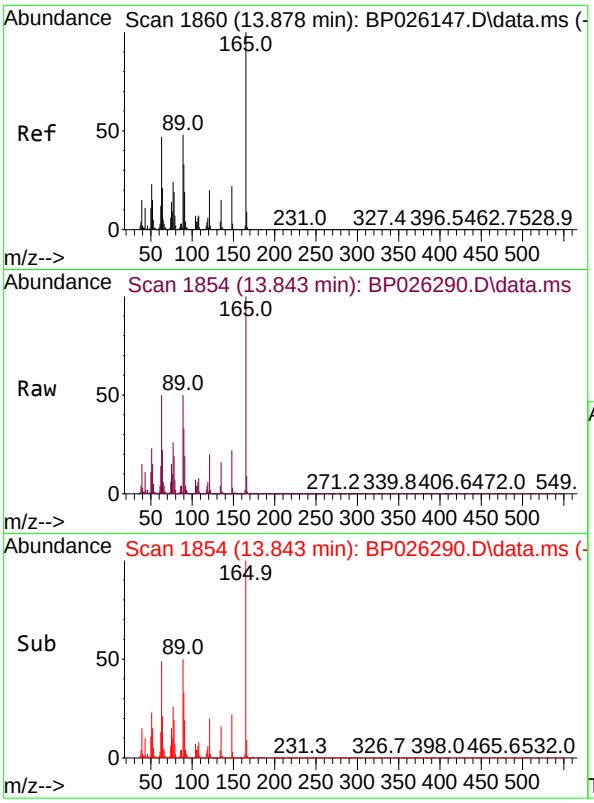


#50
Dimethylphthalate
Concen: 41.622 ng
RT: 13.725 min Scan# 1834
Delta R.T. -0.018 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:163 Resp: 1423313

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.1	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 43.674 ng
RT: 13.843 min Scan# 18
Delta R.T. -0.012 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

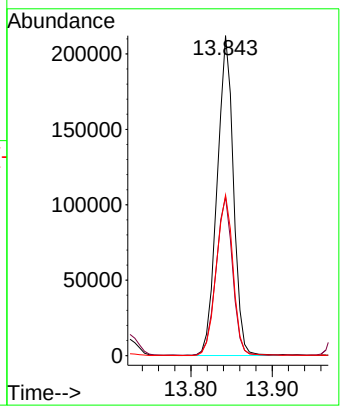
Tgt Ion:165 Resp: 29514

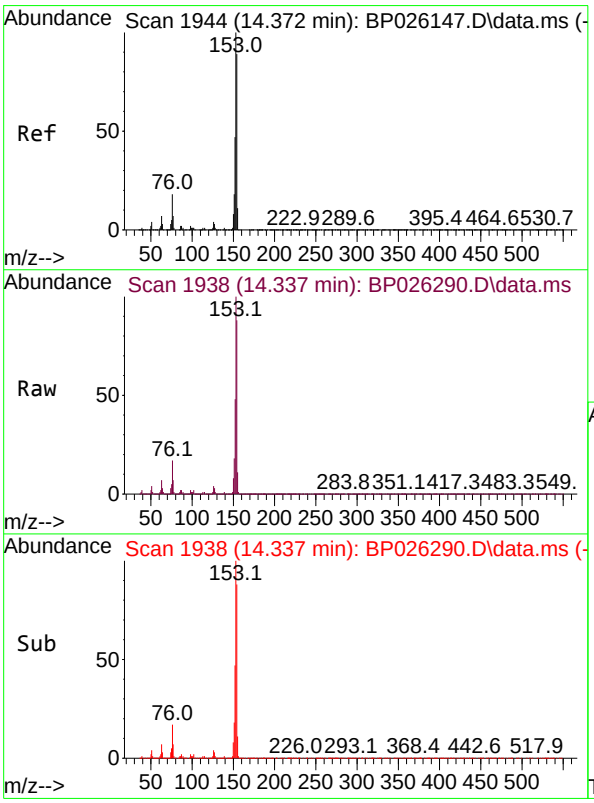
Ion	Ratio	Lower	Upper
165	100		
63	49.6	40.5	60.7
89	50.2	41.3	61.9

Instrument :
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ClientSampleId :
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Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

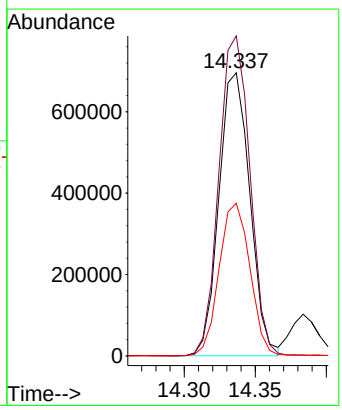


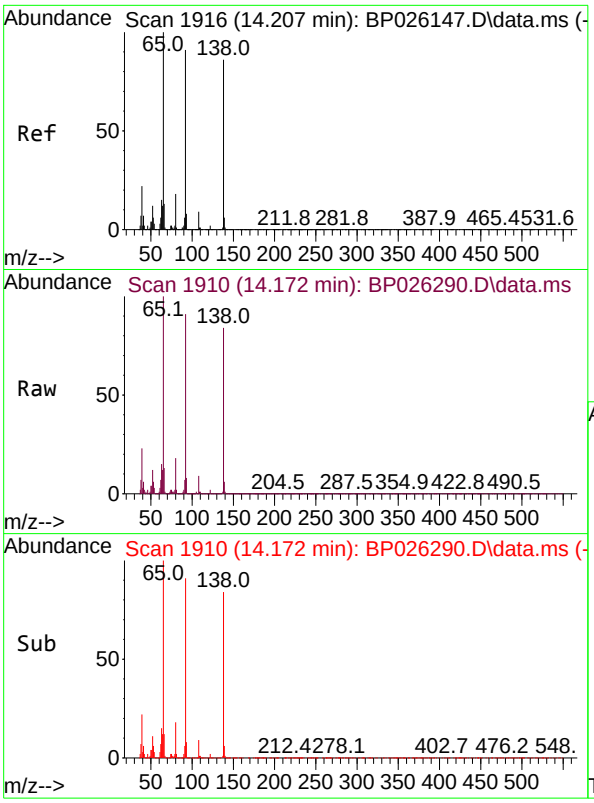


#52
Acenaphthene
Concen: 40.329 ng
RT: 14.337 min Scan# 1938
Delta R.T. -0.018 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:154 Resp: 1056564

Ion	Ratio	Lower	Upper
154	100		
153	113.0	90.7	136.1
152	54.0	42.8	64.2





#53
3-Nitroaniline
Concen: 39.599 ng
RT: 14.172 min Scan# 19
Delta R.T. -0.018 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

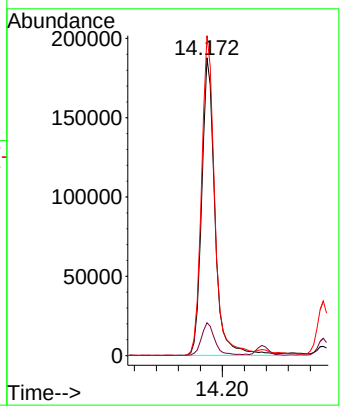
Tgt Ion:138 Resp: 31281

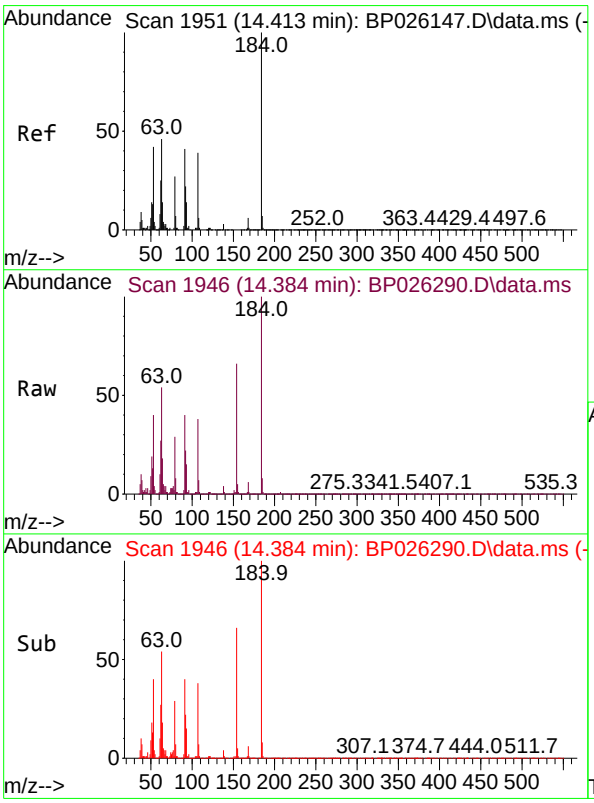
Ion	Ratio	Lower	Upper
138	100		
108	11.1	8.9	13.3
92	107.4	86.3	129.5

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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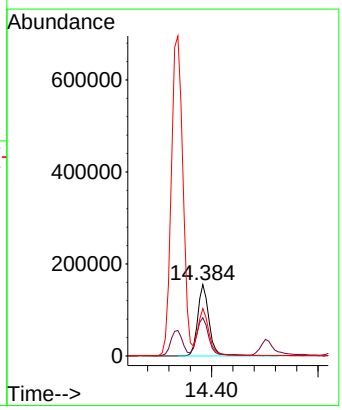


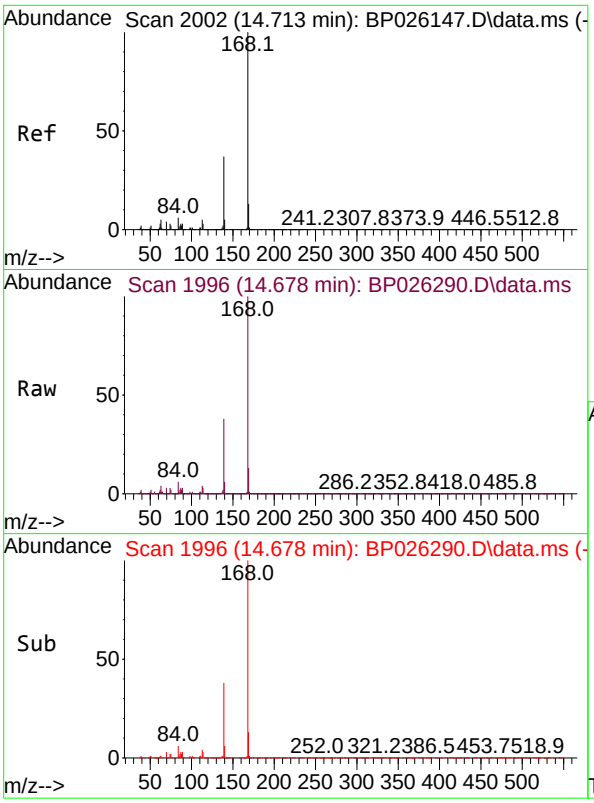


#54
2,4-Dinitrophenol
Concen: 64.107 ng
RT: 14.384 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:184 Resp: 230970

Ion	Ratio	Lower	Upper
184	100		
63	53.7	43.1	64.7
154	66.3	49.5	74.3

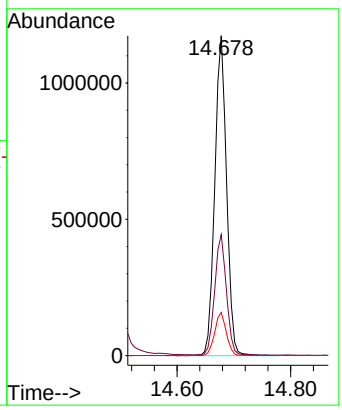




#55
Dibenzofuran
Concen: 41.365 ng
RT: 14.678 min Scan# 19
Delta R.T. -0.018 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:168 Resp: 168528

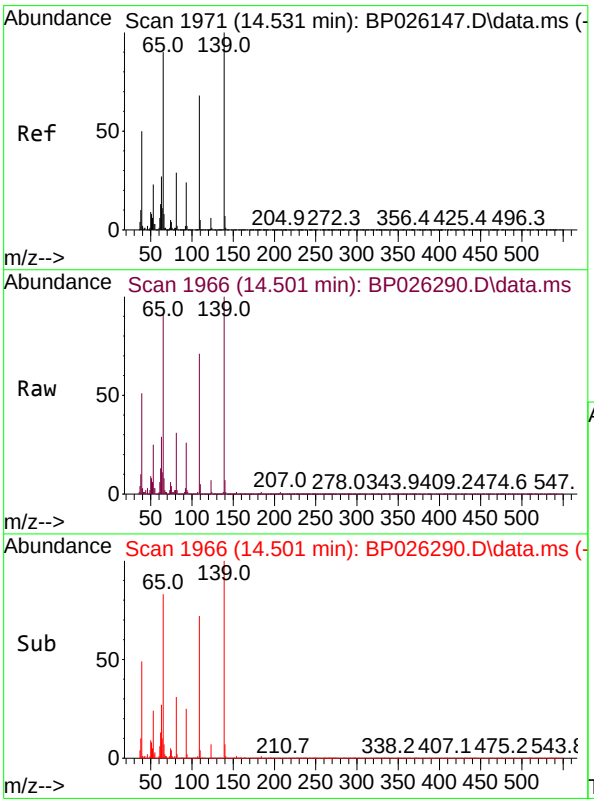
Ion	Ratio	Lower	Upper
168	100		
139	37.8	29.8	44.6
169	13.5	10.9	16.3



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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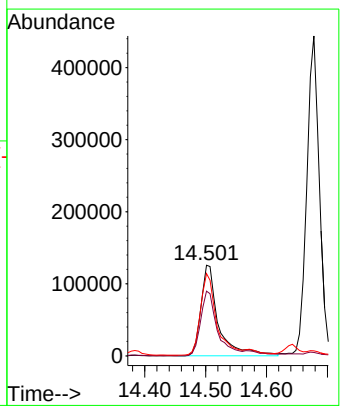
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

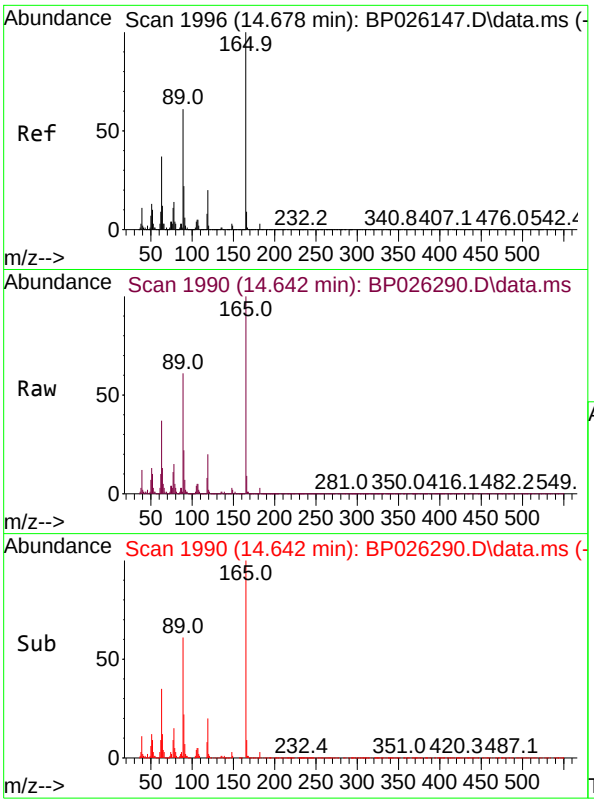


#56
4-Nitrophenol
Concen: 35.712 ng
RT: 14.501 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:139 Resp: 251898

Ion	Ratio	Lower	Upper
139	100		
109	71.5	46.8	86.8
65	90.9	69.3	109.3

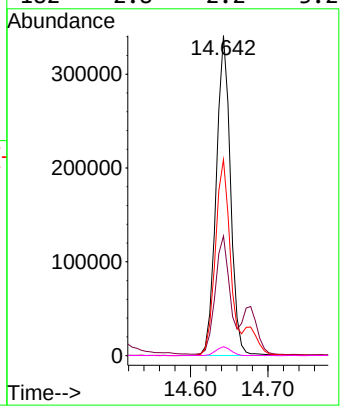




#57
2,4-Dinitrotoluene
Concen: 43.500 ng
RT: 14.642 min Scan# 19
Delta R.T. -0.012 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:165 Resp: 43730

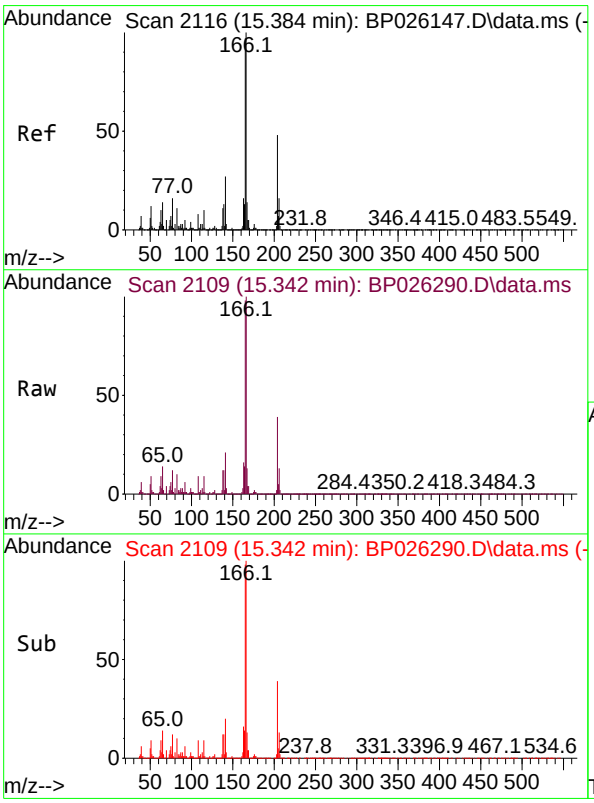
Ion	Ratio	Lower	Upper
165	100		
63	37.4	31.0	46.6
89	61.2	51.7	77.5
182	2.8	2.2	3.2



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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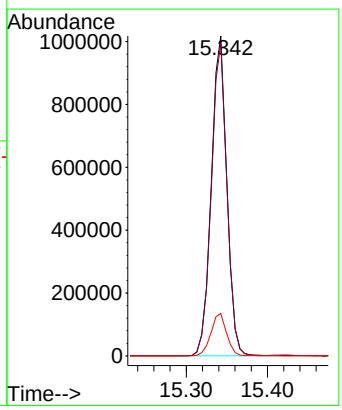
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

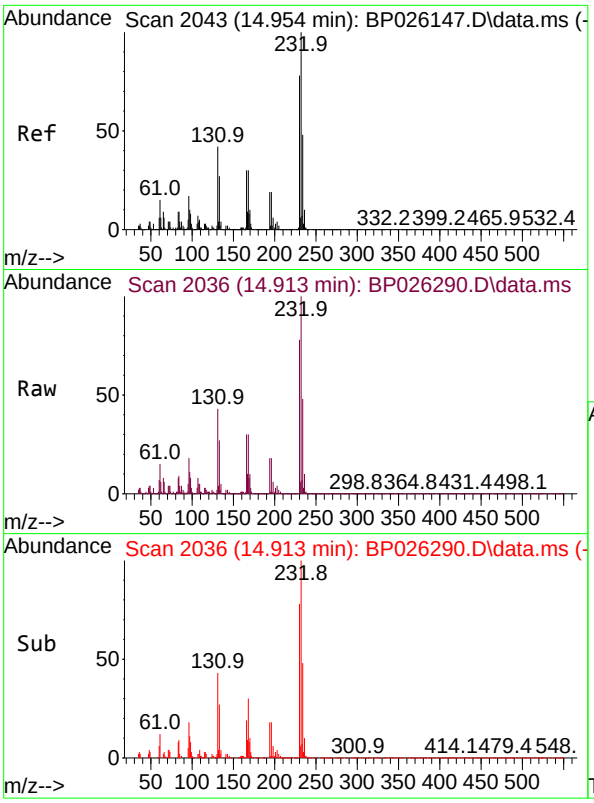


#58
Fluorene
Concen: 41.964 ng
RT: 15.342 min Scan# 2109
Delta R.T. -0.018 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:166 Resp: 1352538

Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.9	116.9
167	13.3	11.0	16.4

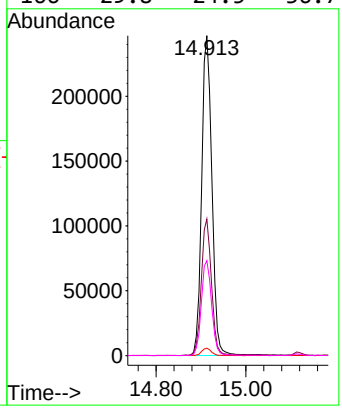




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.612 ng
RT: 14.913 min Scan# 2
Delta R.T. -0.024 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:232 Resp: 391441

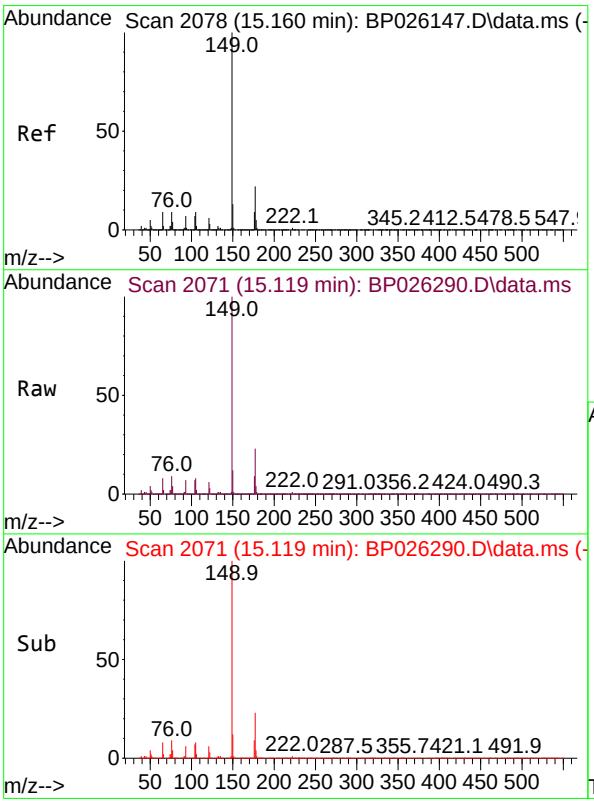
Ion	Ratio	Lower	Upper
232	100		
131	41.9	34.8	52.2
130	2.2	1.8	2.8
166	29.8	24.5	36.7



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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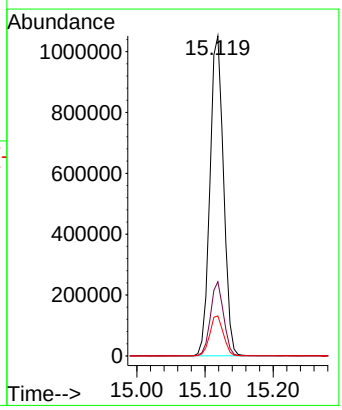
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

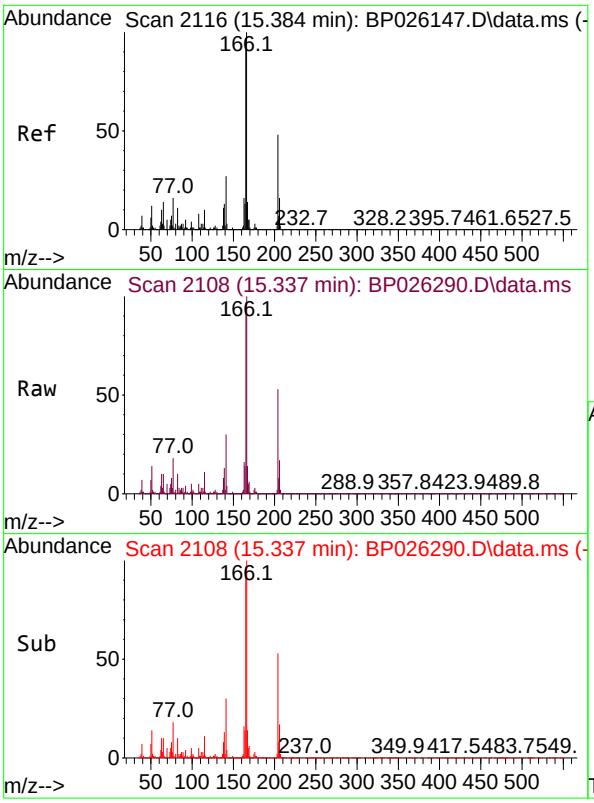


#60
Diethylphthalate
Concen: 42.356 ng
RT: 15.119 min Scan# 2071
Delta R.T. -0.012 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:149 Resp: 1452724

Ion	Ratio	Lower	Upper
149	100		
177	23.2	17.9	26.9
150	12.5	9.9	14.9

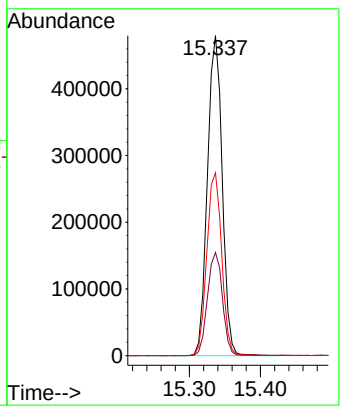




#61
4-Chlorophenyl-phenylether
Concen: 42.979 ng
RT: 15.337 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:204 Resp: 690708

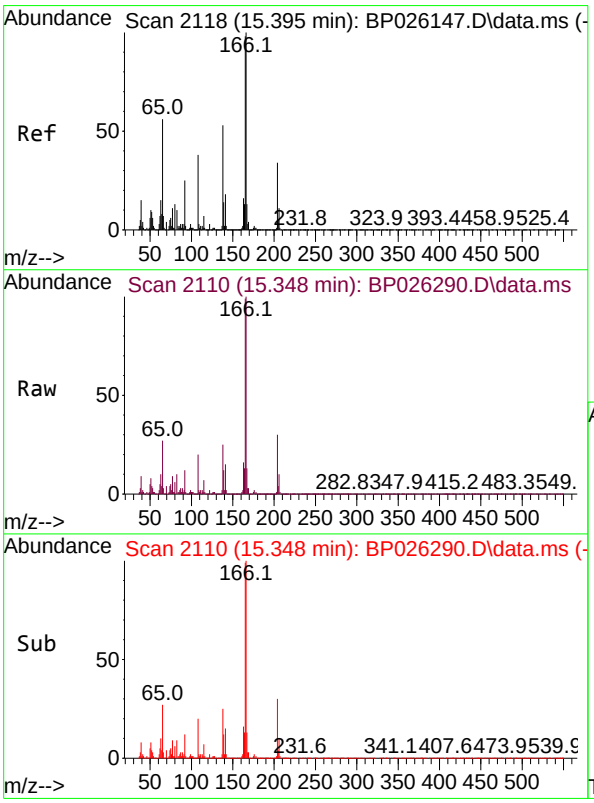
Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.2	39.2
141	57.1	48.1	72.1



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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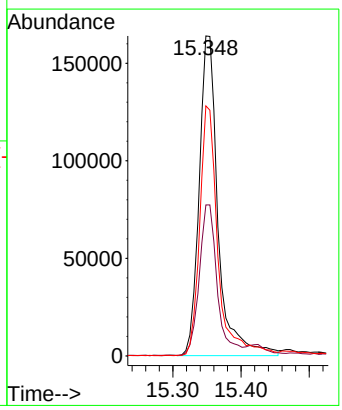
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

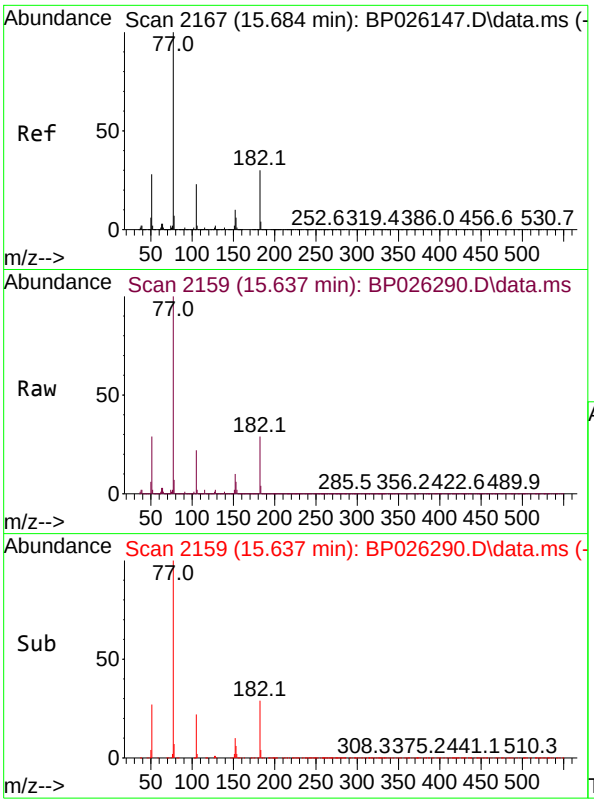


#62
4-Nitroaniline
Concen: 38.626 ng
RT: 15.348 min Scan# 2110
Delta R.T. -0.024 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:138 Resp: 316677

Ion	Ratio	Lower	Upper
138	100		
92	47.2	27.5	67.5
108	78.1	51.1	91.1

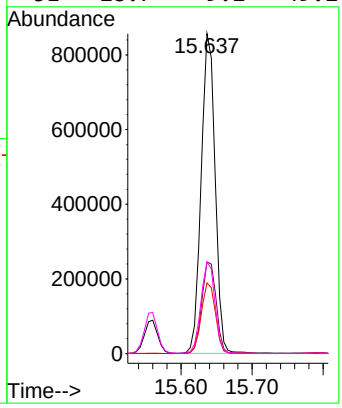




#63
Azobenzene
Concen: 40.204 ng
RT: 15.637 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion: 77 Resp: 1159509

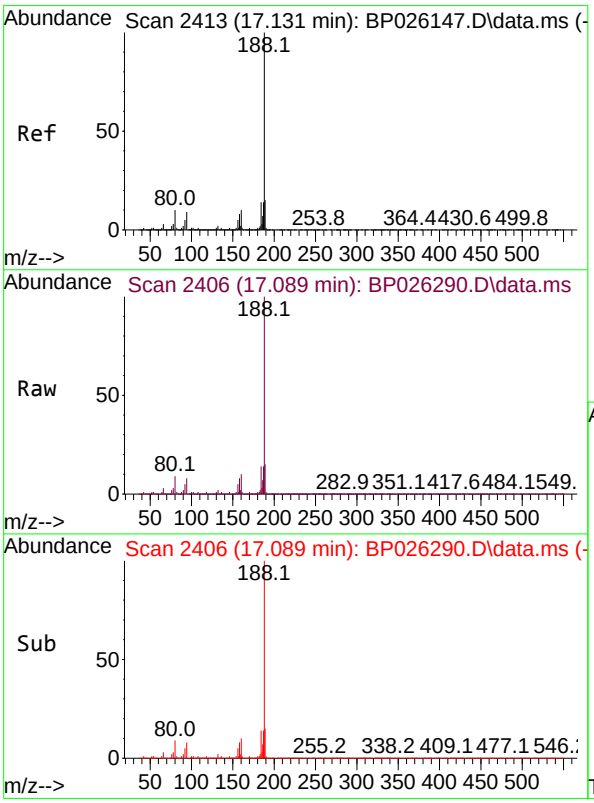
Ion	Ratio	Lower	Upper
77	100		
182	28.6	8.8	48.8
105	22.1	2.6	42.6
51	28.7	9.2	49.2



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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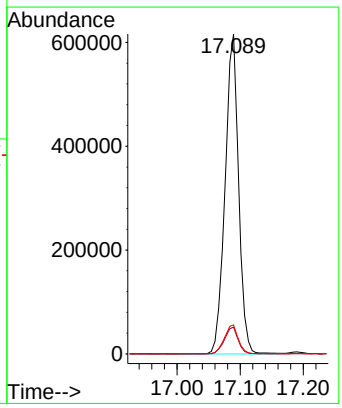
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

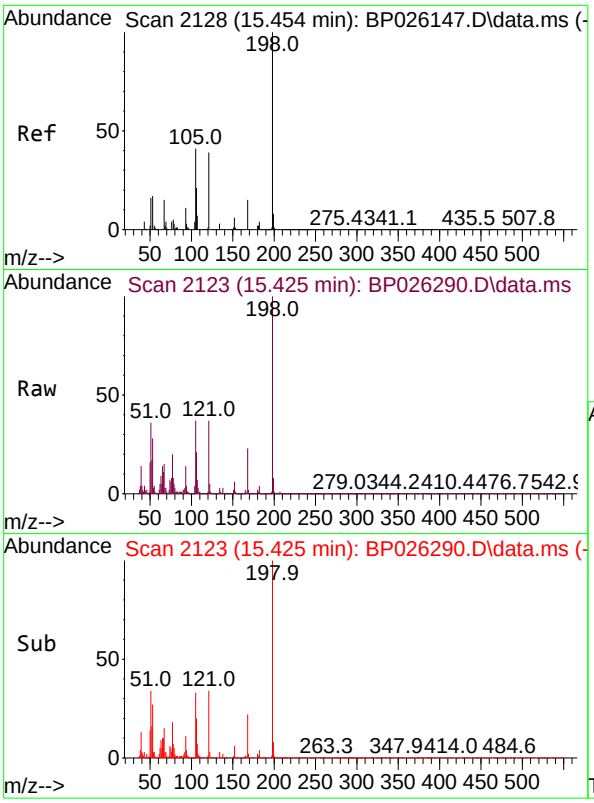


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.089 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:188 Resp: 916225

Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.8	11.6
80	9.0	8.2	12.2





#65
4,6-Dinitro-2-methylphenol
Concen: 50.256 ng
RT: 15.425 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

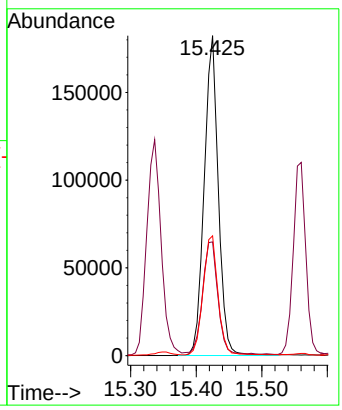
Tgt Ion:198 Resp: 271960

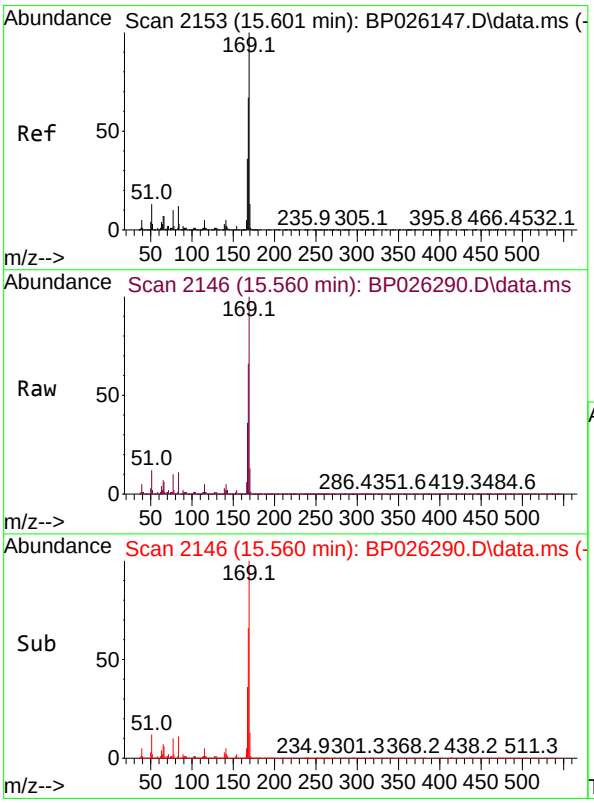
Ion	Ratio	Lower	Upper
198	100		
51	35.5	18.4	58.4
105	37.4	18.5	58.5

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

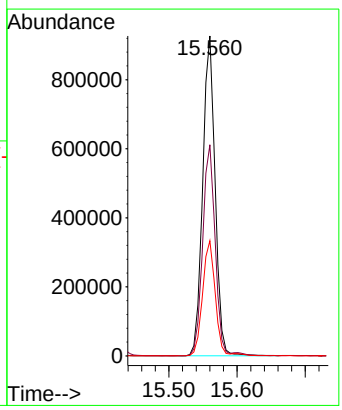


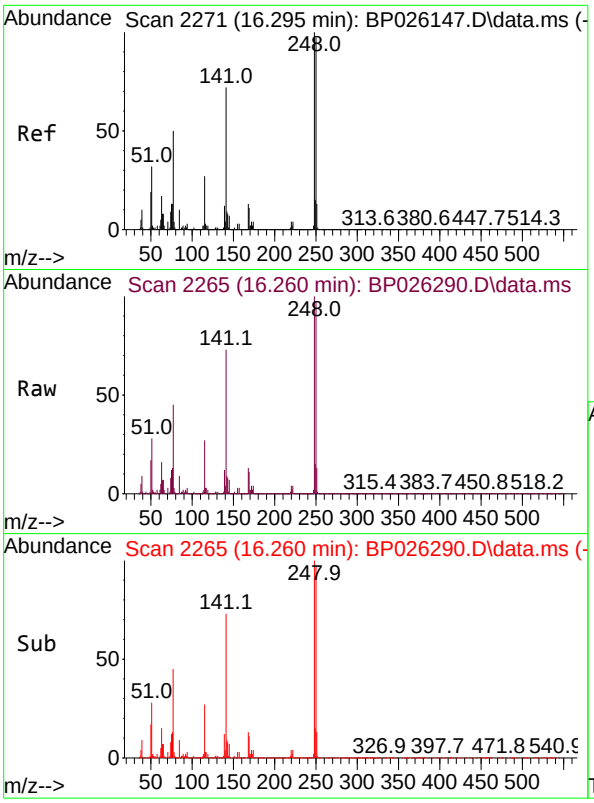


#66
n-Nitrosodiphenylamine
Concen: 41.489 ng
RT: 15.560 min Scan# 2146
Delta R.T. -0.018 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:169 Resp: 1175319

Ion	Ratio	Lower	Upper
169	100		
168	66.0	53.1	79.7
167	36.0	28.9	43.3

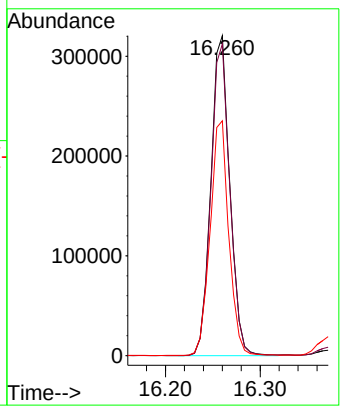




#67
4-Bromophenyl-phenylether
Concen: 43.875 ng
RT: 16.260 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:248 Resp: 44565

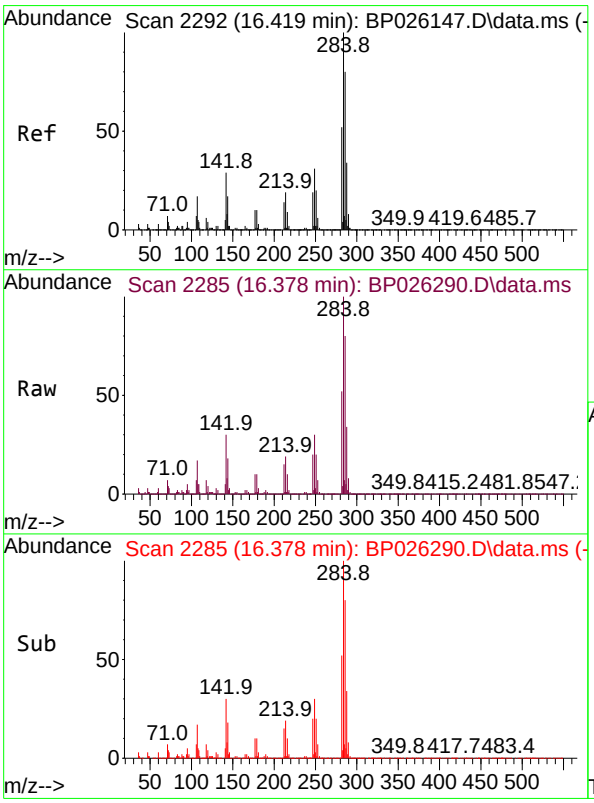
Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.8	116.6
141	73.4	55.4	83.0



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

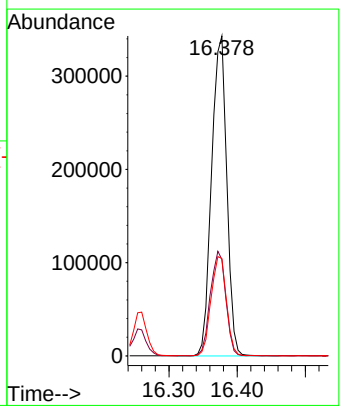
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

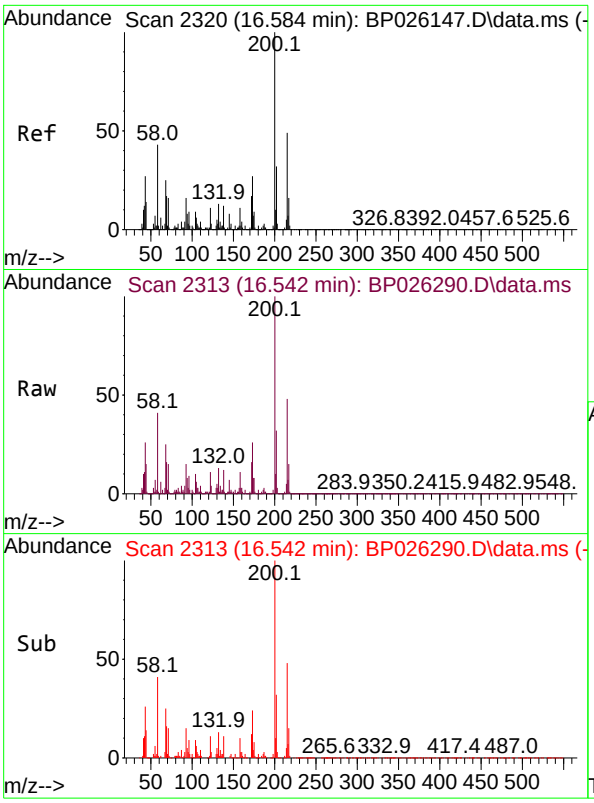


#68
Hexachlorobenzene
Concen: 44.689 ng
RT: 16.378 min Scan# 2285
Delta R.T. -0.012 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:284 Resp: 527554

Ion	Ratio	Lower	Upper
284	100		
142	30.1	28.0	42.0
249	30.4	25.0	37.4

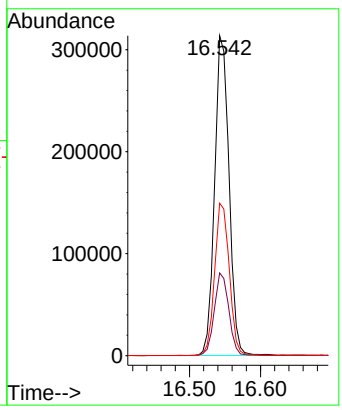




#69
Atrazine
Concen: 41.737 ng
RT: 16.542 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:200 Resp: 44455

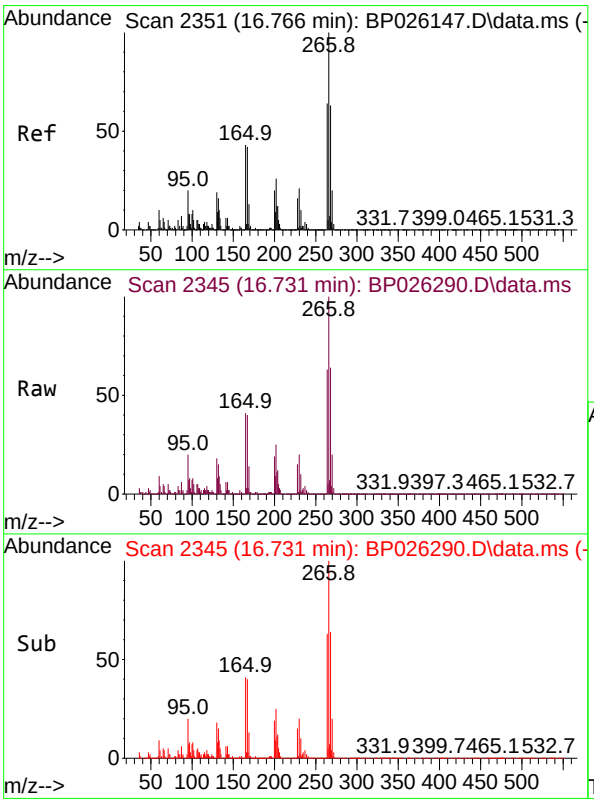
Ion	Ratio	Lower	Upper
200	100		
173	25.8	6.7	46.7
215	47.6	27.4	67.4



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

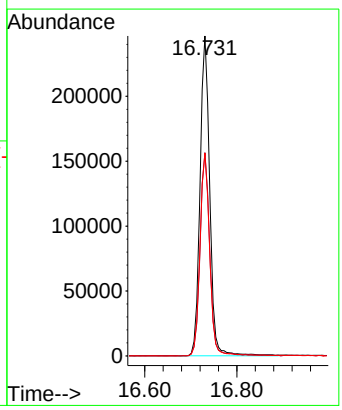
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

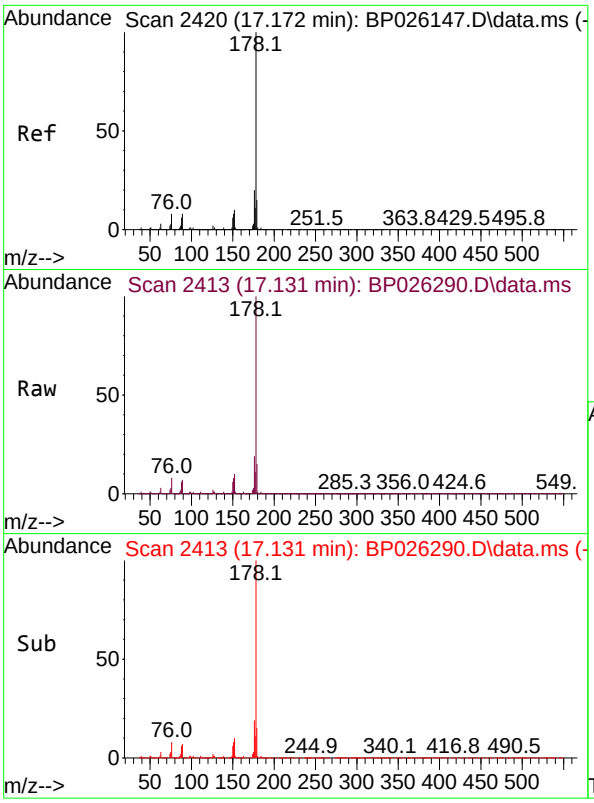


#70
Pentachlorophenol
Concen: 43.908 ng
RT: 16.731 min Scan# 2345
Delta R.T. -0.012 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:266 Resp: 359588

Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.0	76.4
264	63.4	50.2	75.2

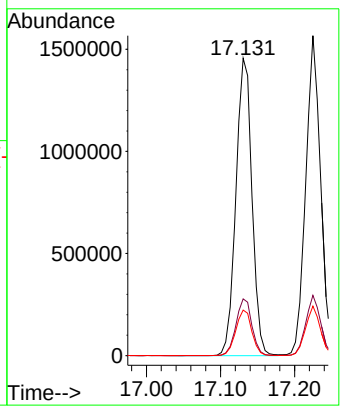




#71
Phenanthrene
Concen: 42.315 ng
RT: 17.131 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:178 Resp: 218564

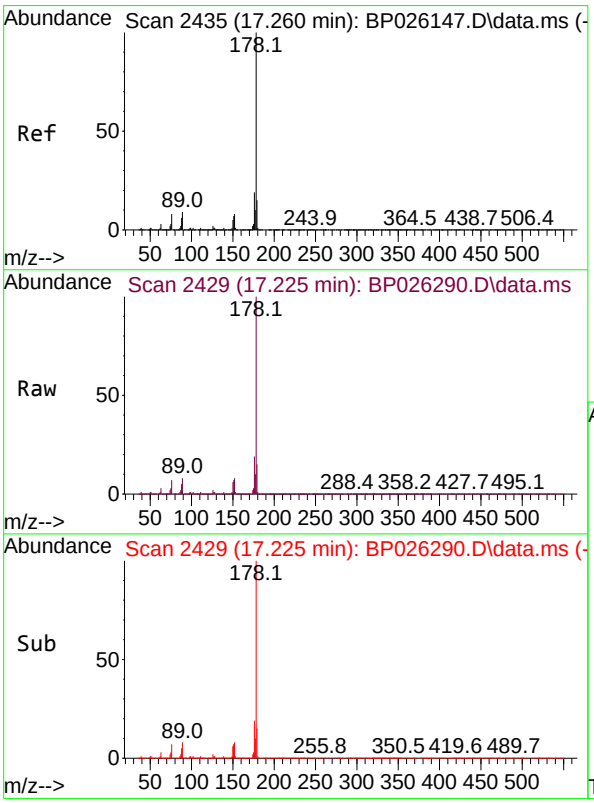
Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.3	12.4	18.6



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

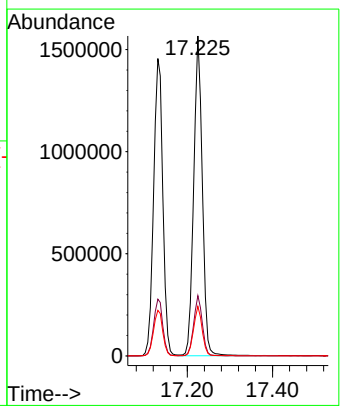
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

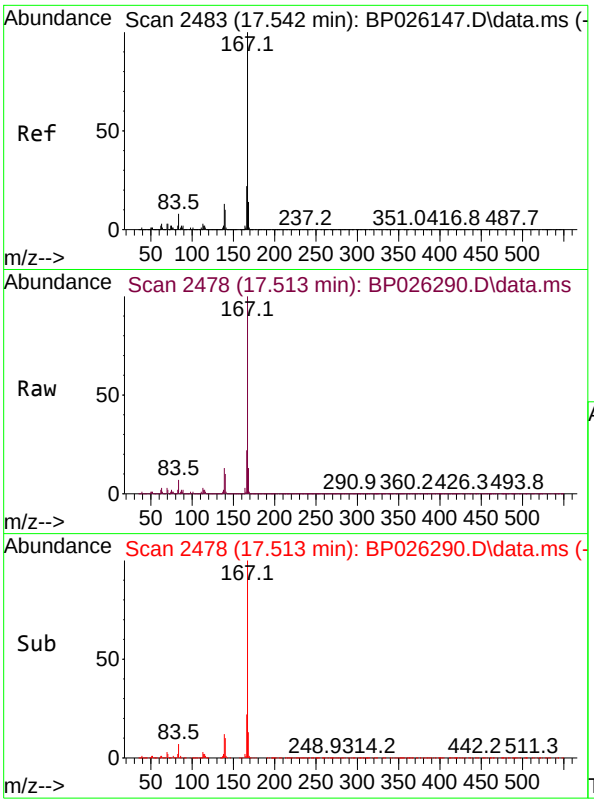


#72
Anthracene
Concen: 41.951 ng
RT: 17.225 min Scan# 2429
Delta R.T. -0.006 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:178 Resp: 2206996

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.8	22.2
179	15.5	12.2	18.4

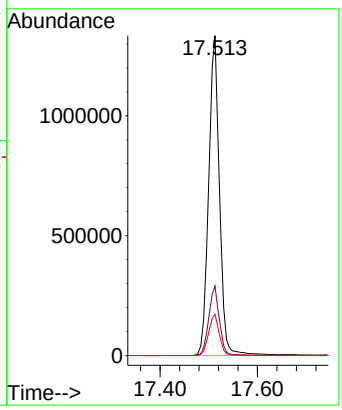




#73
Carbazole
Concen: 41.604 ng
RT: 17.513 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:167 Resp: 207210

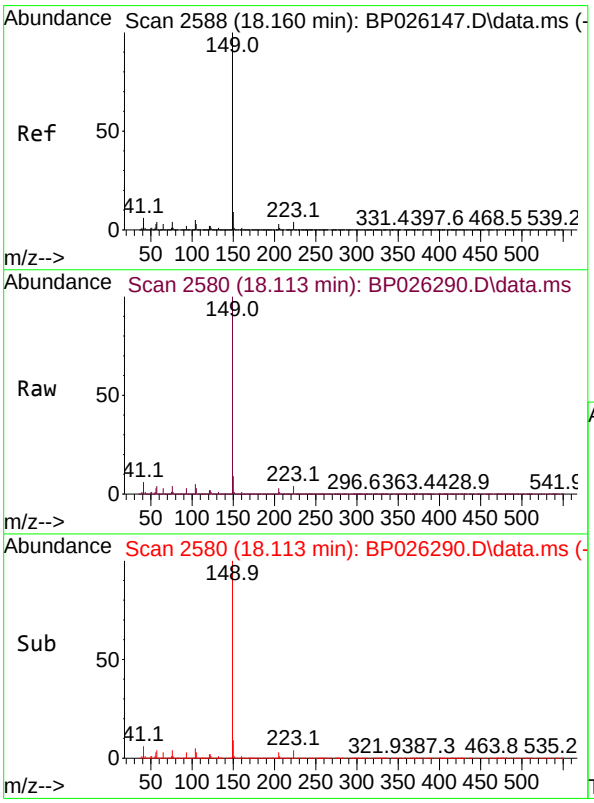
Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.1	25.7
139	12.9	10.2	15.4



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

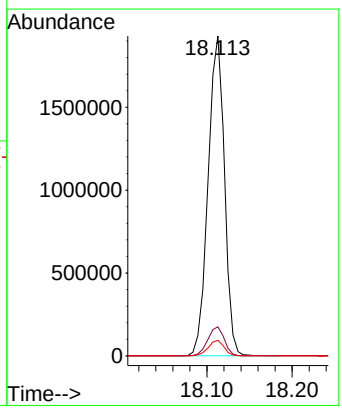
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

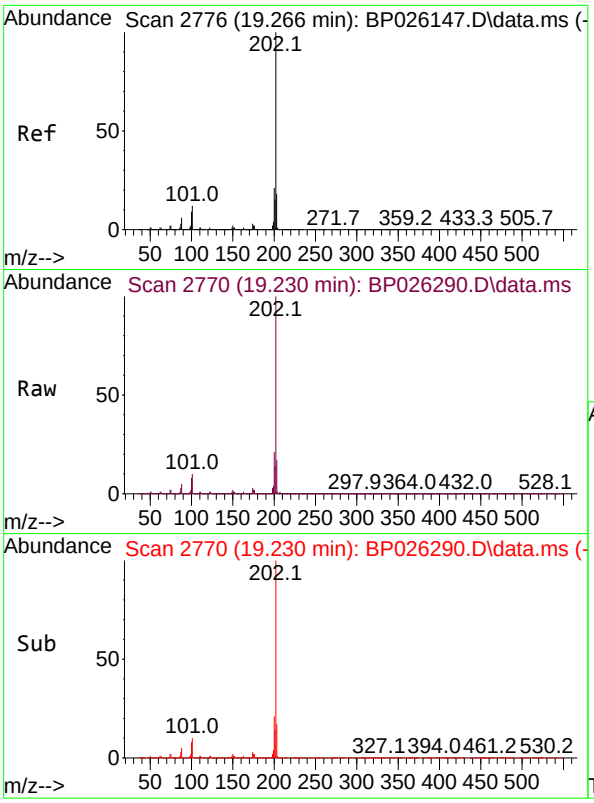


#74
Di-n-butylphthalate
Concen: 43.766 ng
RT: 18.113 min Scan# 2580
Delta R.T. -0.012 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:149 Resp: 2575233

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.5	11.3
104	4.9	3.6	5.4

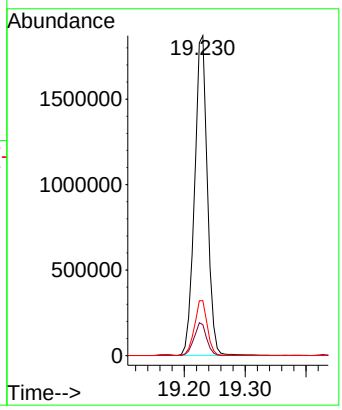




#75
Fluoranthene
Concen: 43.273 ng
RT: 19.230 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:202 Resp: 272017

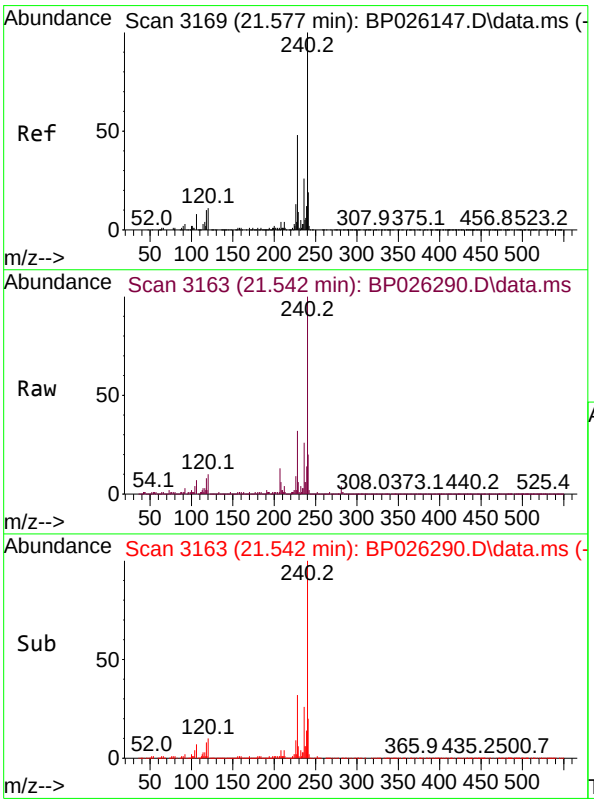
Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	31.2
203	17.2	0.0	37.7



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

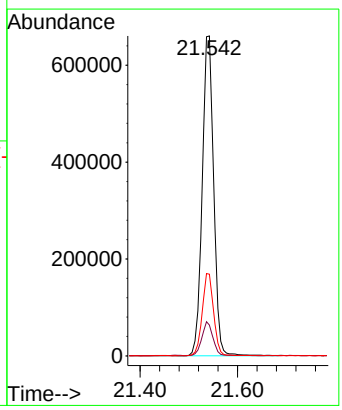
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

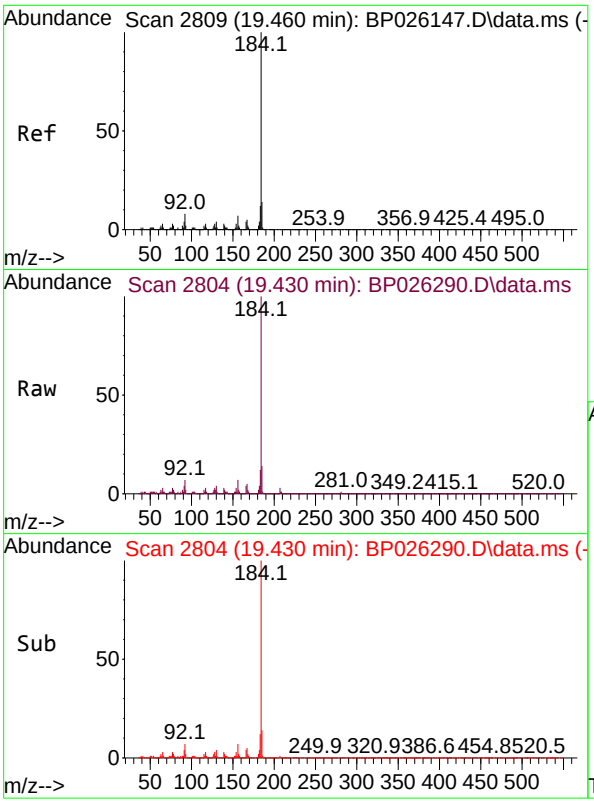


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.542 min Scan# 3163
Delta R.T. 0.006 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:240 Resp: 1078828

Ion	Ratio	Lower	Upper
240	100		
120	9.6	9.0	13.4
236	25.5	20.4	30.6

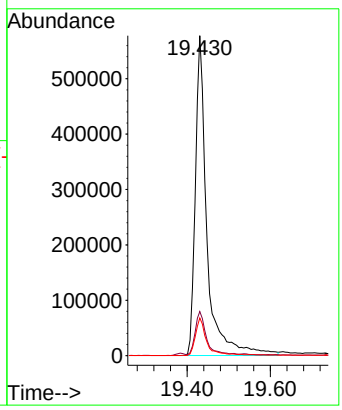




#77
Benzidine
Concen: 33.138 ng
RT: 19.430 min Scan# 28
Delta R.T. -0.000 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:184 Resp: 112241

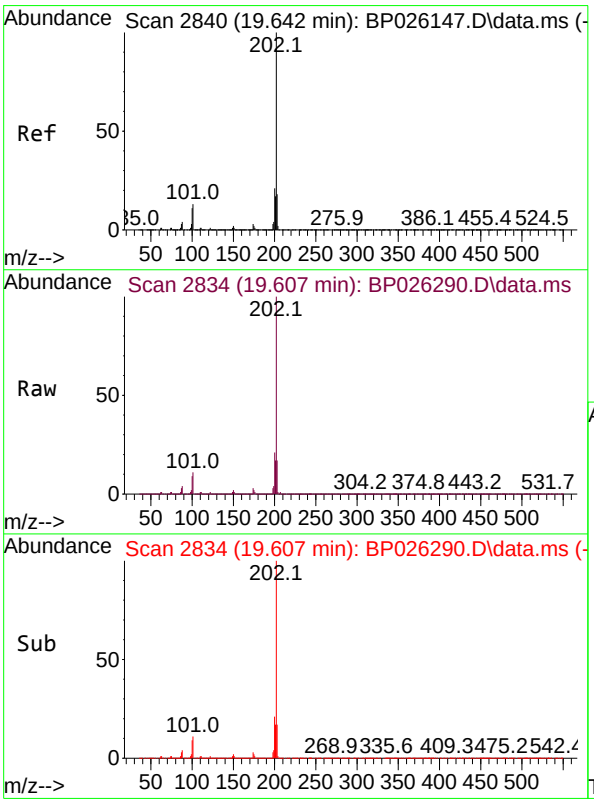
Ion	Ratio	Lower	Upper
184	100		
185	13.8	11.3	16.9
183	11.8	9.0	13.6



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

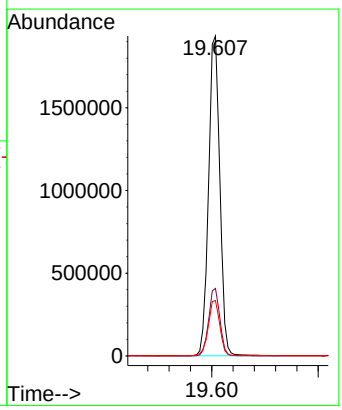
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

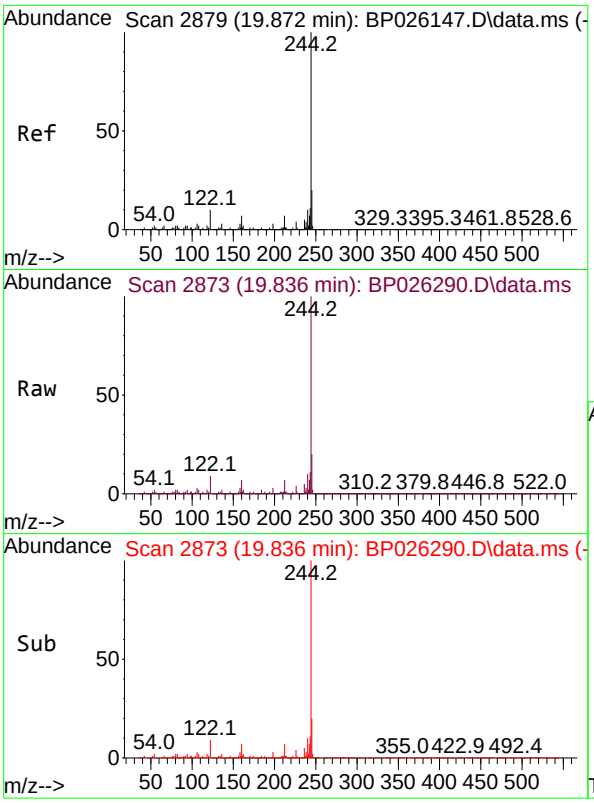


#78
Pyrene
Concen: 40.460 ng
RT: 19.607 min Scan# 2834
Delta R.T. -0.006 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:202 Resp: 2844442

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.3	13.8	20.8

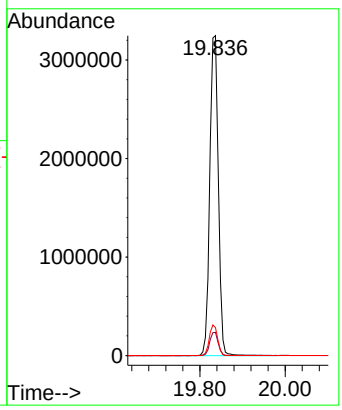




#79
Terphenyl-d14
Concen: 85.533 ng
RT: 19.836 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:244 Resp: 451462

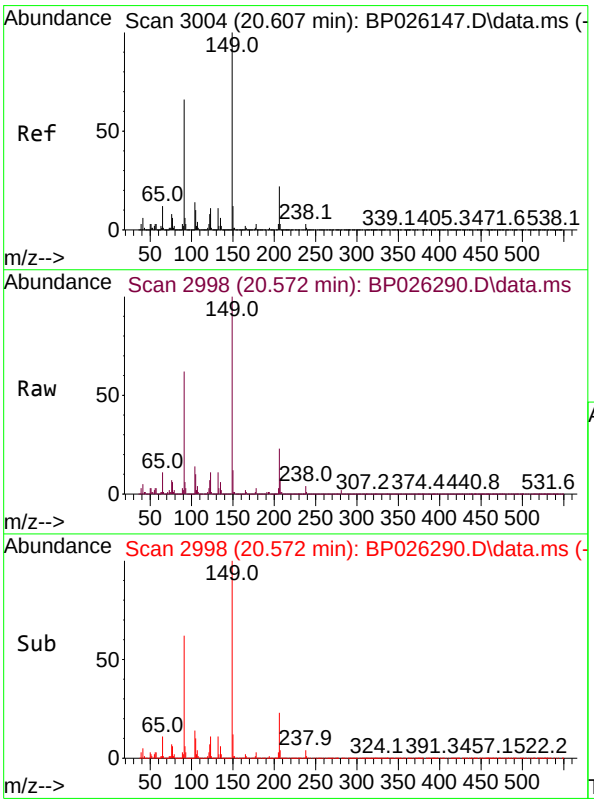
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	8.7	8.2	12.2



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

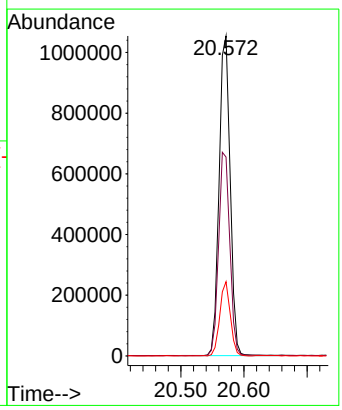
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

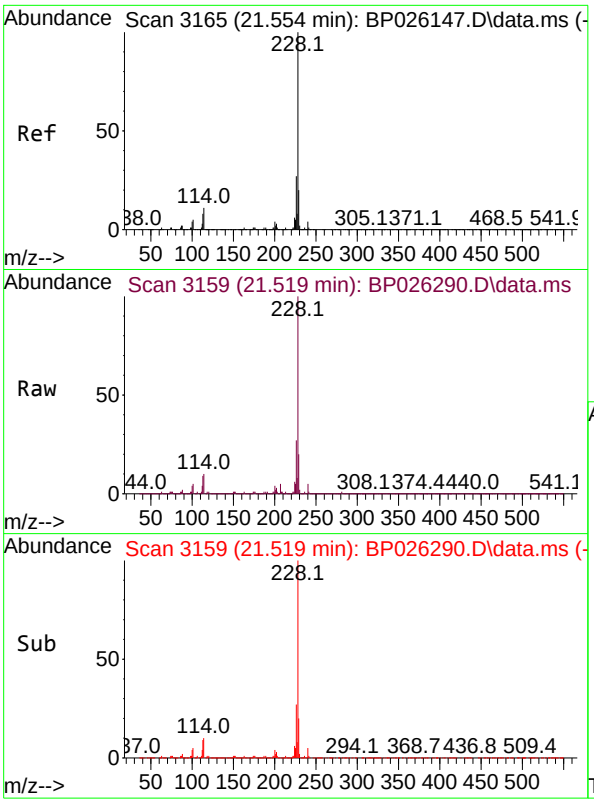


#80
Butylbenzylphthalate
Concen: 41.456 ng
RT: 20.572 min Scan# 2998
Delta R.T. -0.000 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:149 Resp: 1279060

Ion	Ratio	Lower	Upper
149	100		
91	62.1	52.6	79.0
206	23.2	16.9	25.3

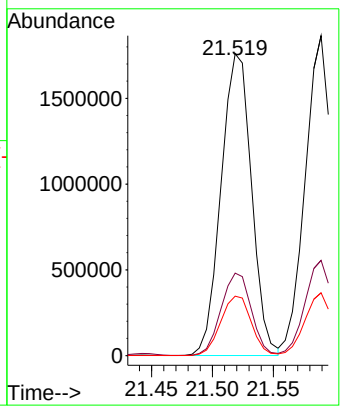




#81
Benzo(a)anthracene
Concen: 41.471 ng
RT: 21.519 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:228 Resp: 306902

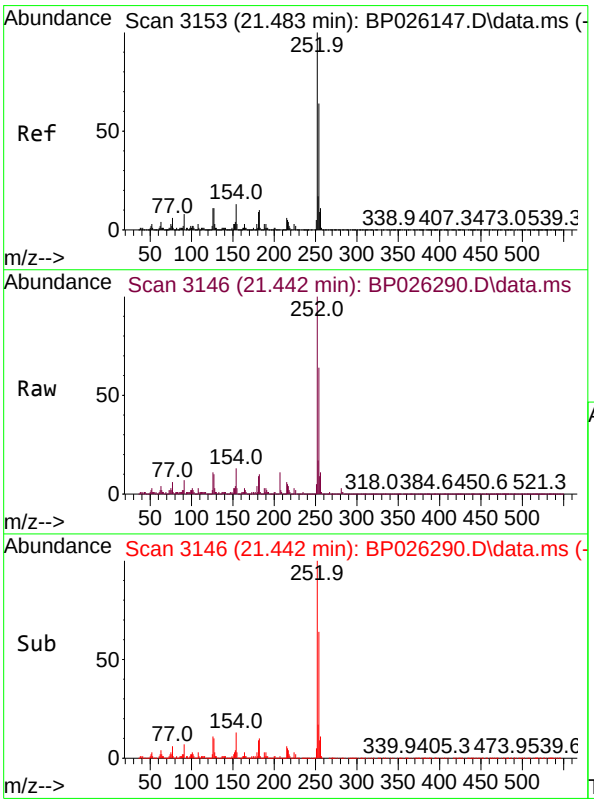
Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.8
229	19.7	15.9	23.9



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

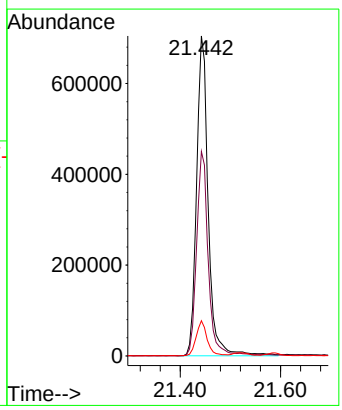
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

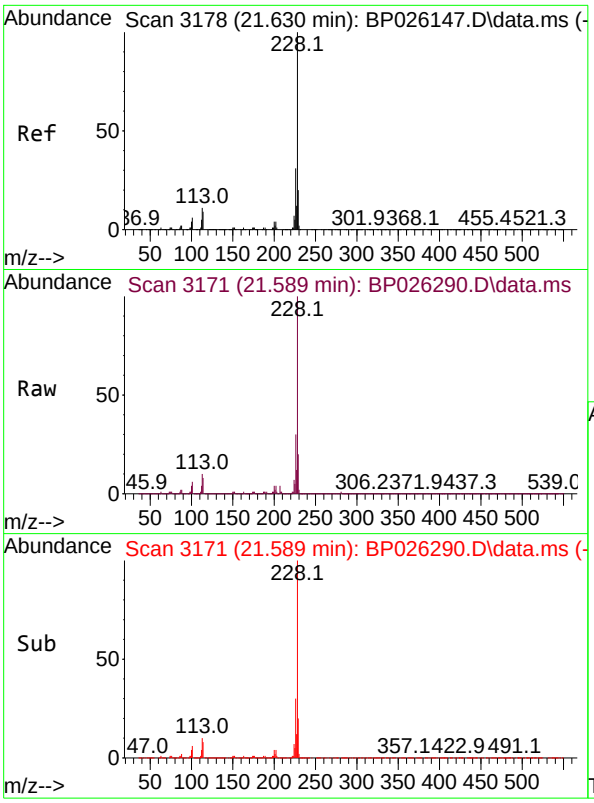


#82
3,3'-Dichlorobenzidine
Concen: 41.962 ng
RT: 21.442 min Scan# 3146
Delta R.T. -0.006 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:252 Resp: 1129853

Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.2	76.8
126	11.0	8.2	12.4

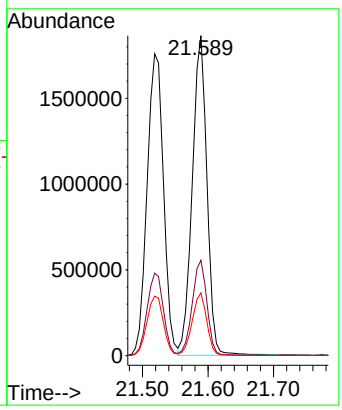




#83
Chrysene
Concen: 41.230 ng
RT: 21.589 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:228 Resp: 288908

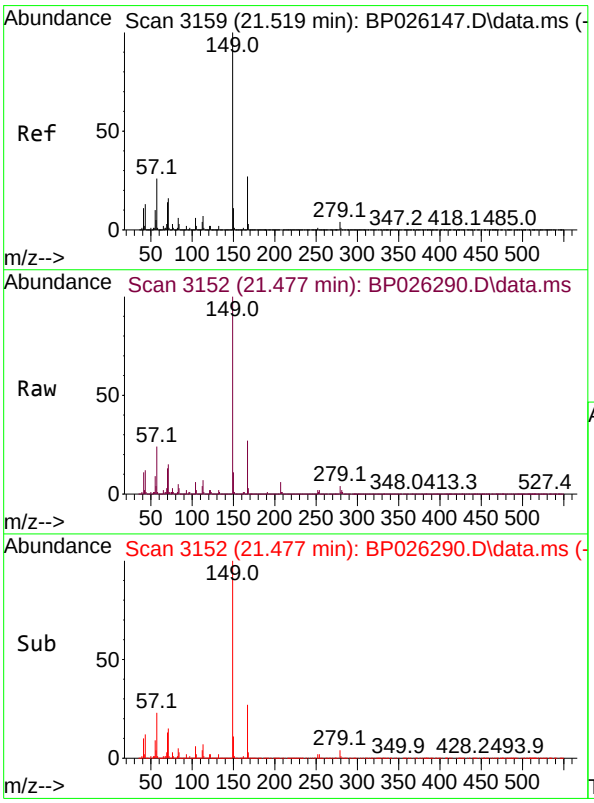
Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.9	35.9
229	19.6	15.9	23.9



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

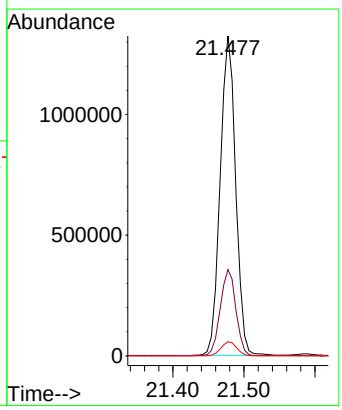
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

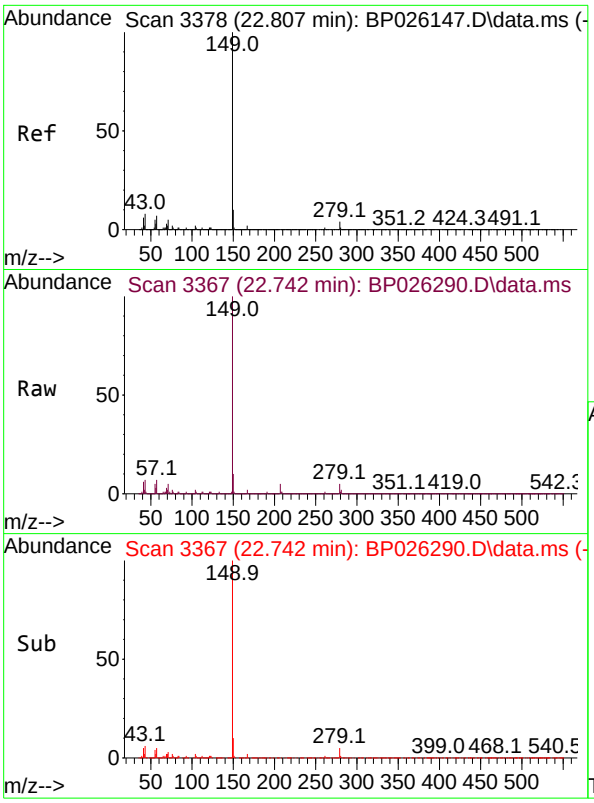


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.349 ng
RT: 21.477 min Scan# 3152
Delta R.T. 0.006 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:149 Resp: 2011868

Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.1	33.1
279	4.4	3.3	4.9





#85
Di-n-octyl phthalate
Concen: 43.393 ng
RT: 22.742 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

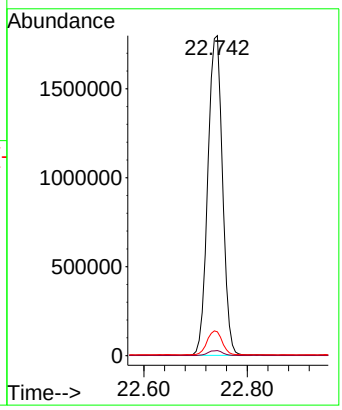
Tgt Ion:149 Resp: 355045

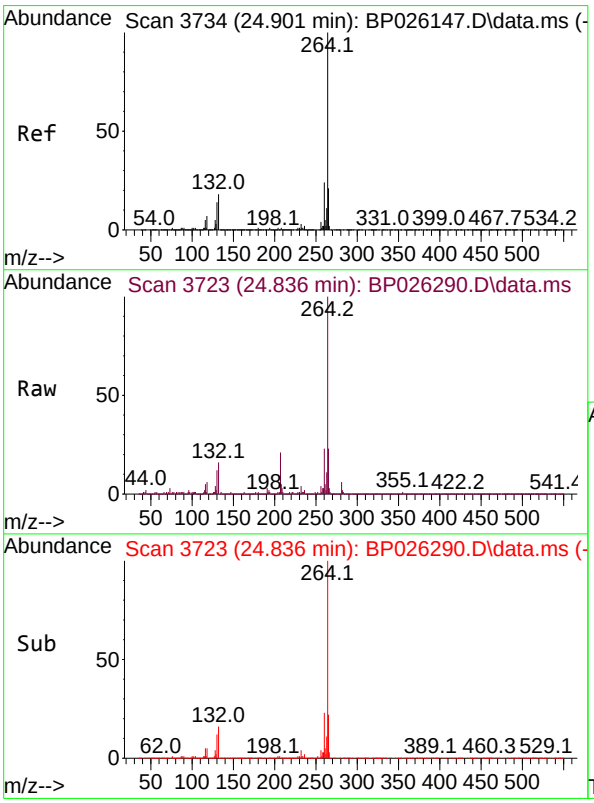
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.7	6.6	10.0

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

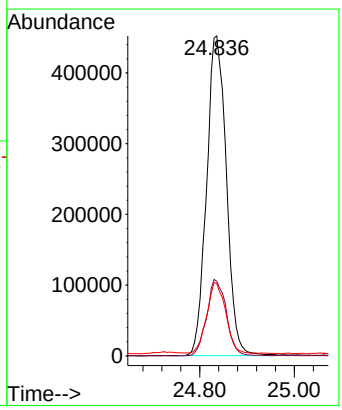


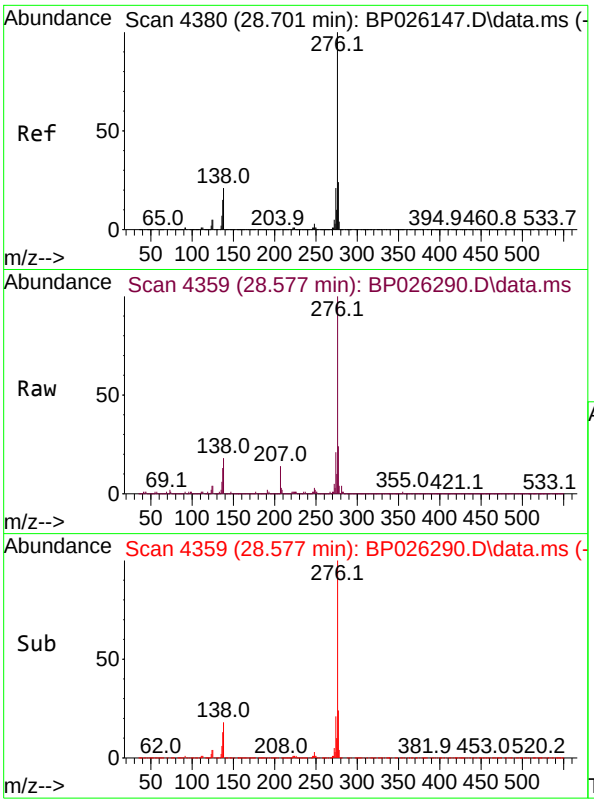


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.836 min Scan# 3723
Delta R.T. 0.012 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:264 Resp: 1314236

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	22.6	17.5	26.3

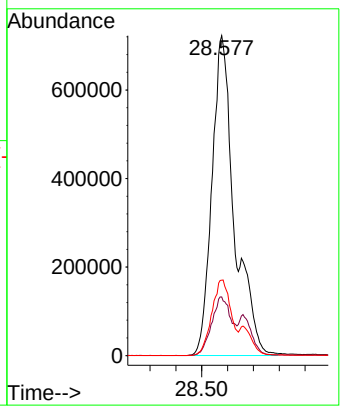




#87
Indeno(1,2,3-cd)pyrene
Concen: 43.908 ng m
RT: 28.577 min Scan# 4
Delta R.T. -0.006 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:276 Resp: 436120

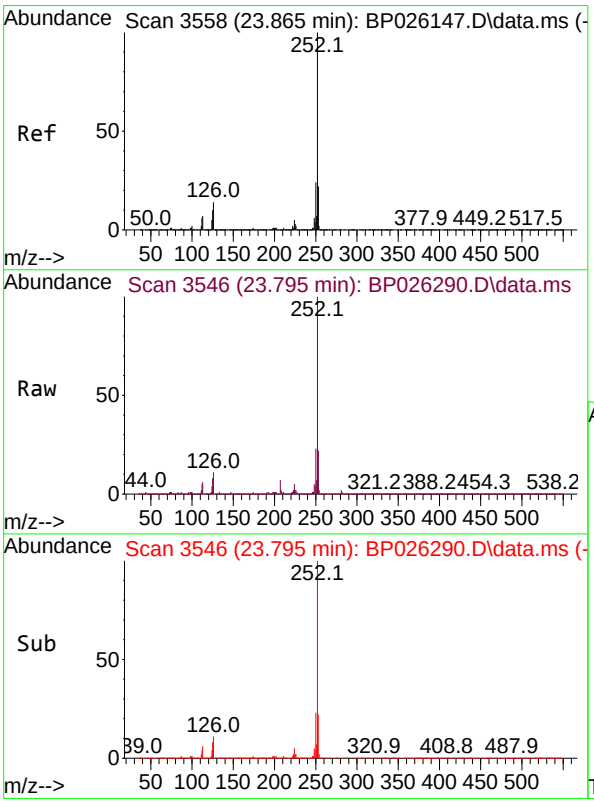
Ion	Ratio	Lower	Upper
276	100		
138	16.1	13.8	20.8
277	20.3	16.7	25.1



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

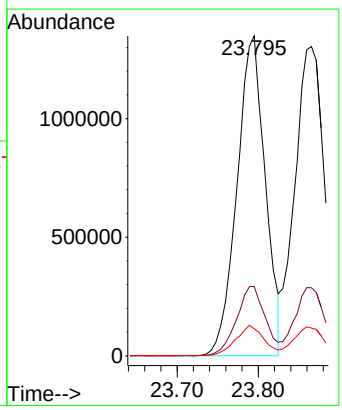
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

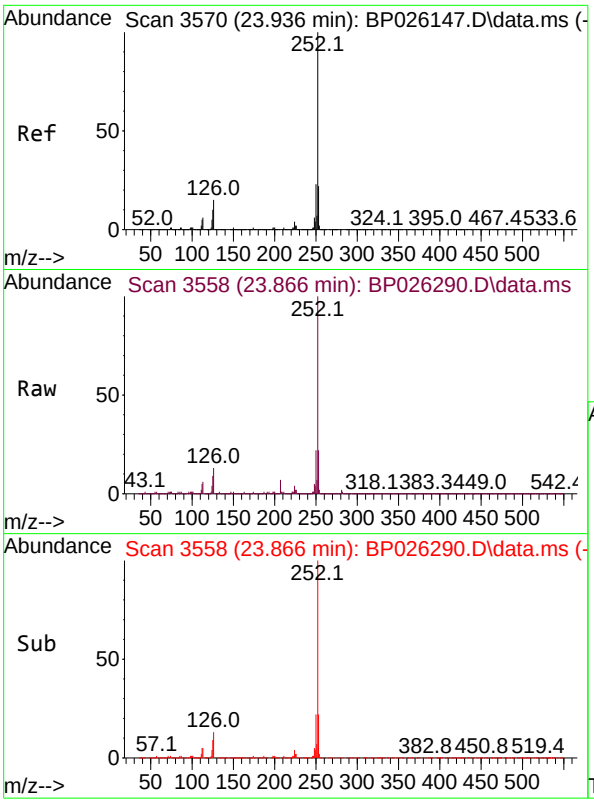


#88
Benzo(b)fluoranthene
Concen: 40.809 ng
RT: 23.795 min Scan# 3546
Delta R.T. -0.000 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:252 Resp: 3259554

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	8.5	8.2	12.4





#89
Benzo(k)fluoranthene
Concen: 42.275 ng
RT: 23.866 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

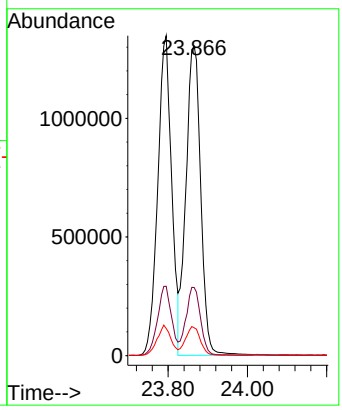
Tgt Ion:252 Resp: 337770

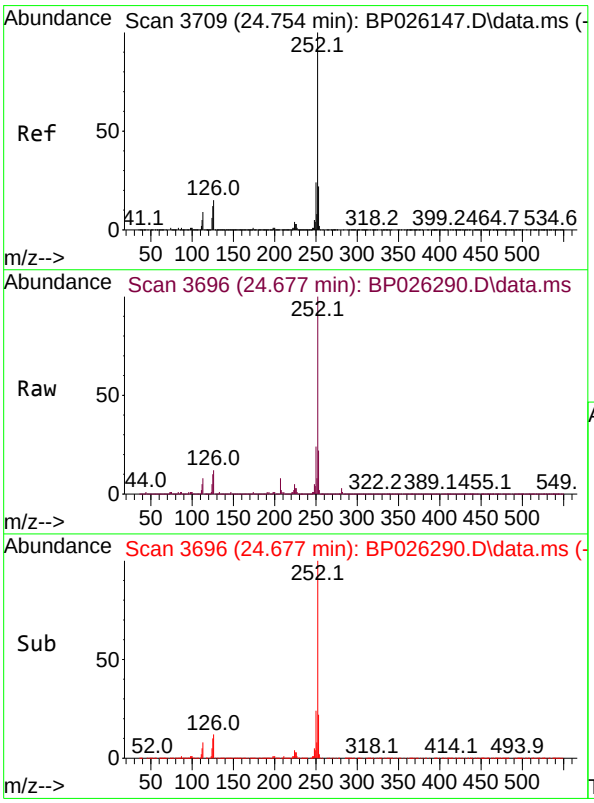
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	9.0	7.5	11.3

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

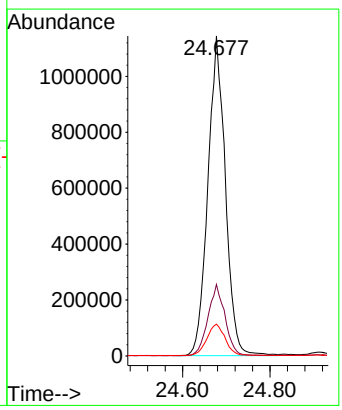


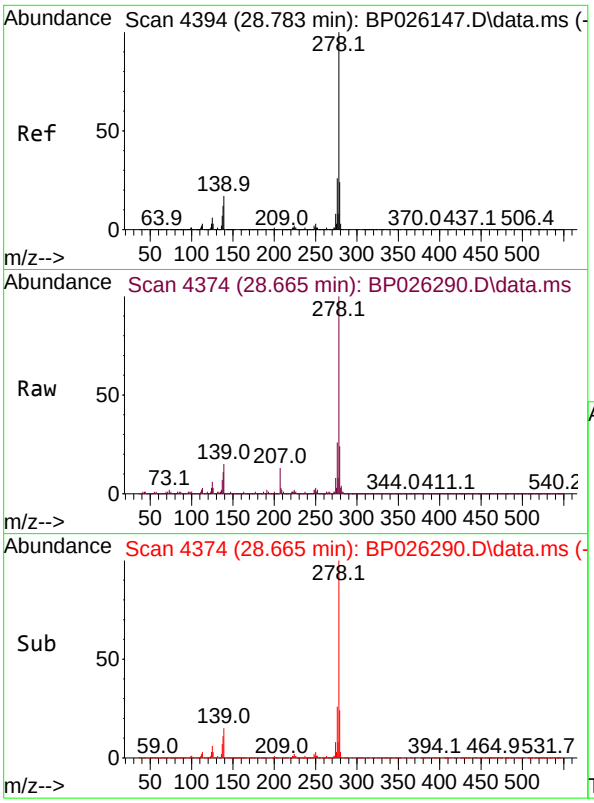


#90
Benzo(a)pyrene
Concen: 41.935 ng
RT: 24.677 min Scan# 3696
Delta R.T. -0.006 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:252 Resp: 3176066

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	9.9	9.0	13.6

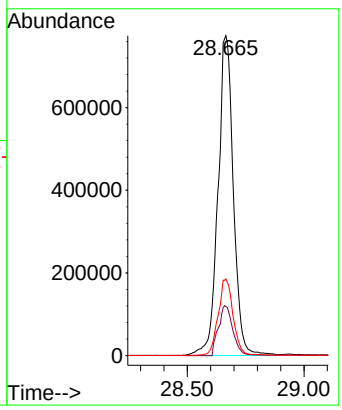




#91
Dibenzo(a,h)anthracene
Concen: 43.766 ng
RT: 28.665 min Scan# 4
Delta R.T. 0.018 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:278 Resp: 355557

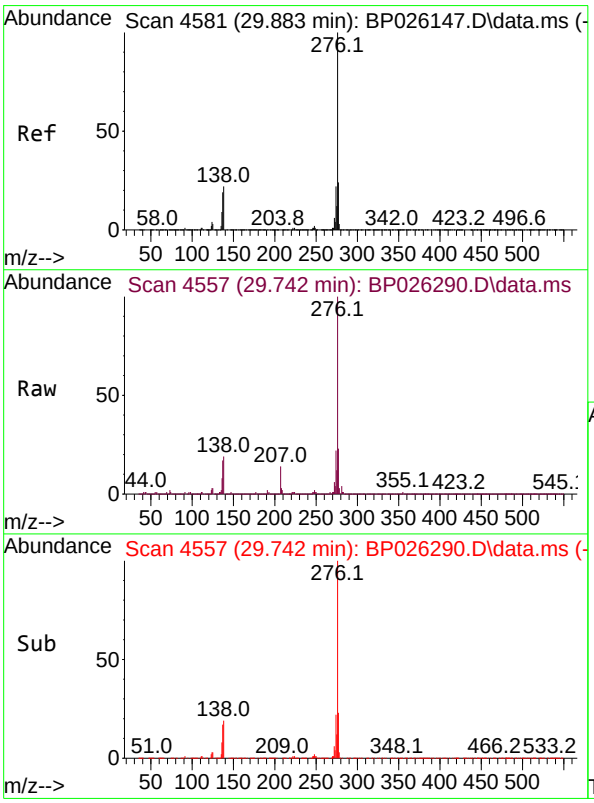
Ion	Ratio	Lower	Upper
278	100		
139	15.3	13.2	19.8
279	24.0	19.2	28.8



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

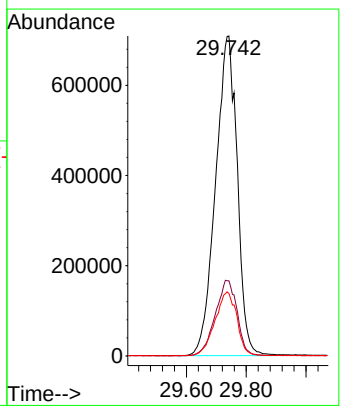
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#92
Benzo(g,h,i)perylene
Concen: 44.176 ng
RT: 29.742 min Scan# 4557
Delta R.T. -0.006 min
Lab File: BP026290.D
Acq: 11 Dec 2025 13:04

Tgt Ion:276 Resp: 3577730

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	19.5	17.8	26.6



Sample Results: **BP026290.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026290.D
Acq On : 11 Dec 2025 13:04
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Dec 11 13:24:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 05 14:52:44 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	42.765	-6.9	85	0.00
3		Pyridine	40.000	39.548	1.1	80	0.00
4		n-Nitrosodimethylamine	40.000	39.455	1.4	80	0.00
5	S	2-Fluorophenol	80.000	80.783	-1.0	79	0.00
6		Aniline	40.000	35.479	11.3	75	0.00
7	S	Phenol-d6	80.000	73.831	7.7	74	0.00
8		2-Chlorophenol	40.000	39.287	1.8	77	0.00
9		Benzaldehyde	40.000	46.176	-15.4	74	0.00
10	C	Phenol	40.000	36.766	8.1	74	0.00
11		bis(2-Chloroethyl)ether	40.000	37.061	7.3	75	0.00
12		1,3-Dichlorobenzene	40.000	41.763	-4.4	80	0.00
13	C	1,4-Dichlorobenzene	40.000	41.392	-3.5	79	0.00
14		1,2-Dichlorobenzene	40.000	40.938	-2.3	79	0.00
15		Benzyl Alcohol	40.000	36.075	9.8	75	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	36.291	9.3	76	-0.01
17		2-Methylphenol	40.000	36.526	8.7	75	0.00
18		Hexachloroethane	40.000	42.479	-6.2	82	-0.01
19	P	n-Nitroso-di-n-propylamine	40.000	35.029	12.4	74	-0.01
20		3+4-Methylphenols	40.000	35.351	11.6	74	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	71	0.00
22		Acetophenone	40.000	41.126	-2.8	75	0.00
23	S	Nitrobenzene-d5	80.000	84.636	-5.8	76	0.00
24		Nitrobenzene	40.000	41.992	-5.0	76	0.00
25		Isophorone	40.000	39.702	0.7	75	-0.01
26	C	2-Nitrophenol	40.000	43.297	-8.2	75	0.00
27		2,4-Dimethylphenol	40.000	37.742	5.6	77	0.00
28		bis(2-Chloroethoxy)methane	40.000	39.411	1.5	74	0.00
29	C	2,4-Dichlorophenol	40.000	42.206	-5.5	75	0.00
30		1,2,4-Trichlorobenzene	40.000	43.837	-9.6	75	-0.01
31		Naphthalene	40.000	41.327	-3.3	74	0.00
32		Benzoic acid	40.000	48.023	-20.1	135	0.03
33		4-Chloroaniline	40.000	38.130	4.7	73	0.00
34	C	Hexachlorobutadiene	40.000	46.836	-17.1	79	-0.01
35		Caprolactam	40.000	36.959	7.6	71	-0.02
36	C	4-Chloro-3-methylphenol	40.000	39.289	1.8	74	0.00
37		2-Methylnaphthalene	40.000	40.710	-1.8	75	-0.01
38		1-Methylnaphthalene	40.000	40.305	-0.8	73	-0.02
39	I	Acenaphthene-d10	20.000	20.000	0.0	71	-0.02
40		1,2,4,5-Tetrachlorobenzene	40.000	44.532	-11.3	75	0.00
41	P	Hexachlorocyclopentadiene	40.000	38.456	3.9	84	0.00
42	S	2,4,6-Tribromophenol	80.000	89.924	-12.4	77	-0.01
43	C	2,4,6-Trichlorophenol	40.000	43.301	-8.3	75	0.00
44		2,4,5-Trichlorophenol	40.000	42.877	-7.2	76	0.00
45	S	2-Fluorobiphenyl	80.000	86.796	-8.5	75	-0.02
46		1,1'-Biphenyl	40.000	41.595	-4.0	73	-0.01
47		2-Chloronaphthalene	40.000	42.047	-5.1	73	0.00

Sample Results: **BP026290.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026290.D
Acq On : 11 Dec 2025 13:04
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Dec 11 13:24:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 05 14:52:44 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	40.945	-2.4	75	0.00
49		Acenaphthylene	40.000	41.418	-3.5	74	-0.01
50		Dimethylphthalate	40.000	41.622	-4.1	75	-0.02
51		2,6-Dinitrotoluene	40.000	43.674	-9.2	75	-0.01
52	C	Acenaphthene	40.000	40.329	-0.8	73	-0.02
53		3-Nitroaniline	40.000	39.599	1.0	72	-0.02
54	P	2,4-Dinitrophenol	40.000	64.107	-60.3#	318	-0.01
55		Dibenzofuran	40.000	41.365	-3.4	73	-0.02
56	P	4-Nitrophenol	40.000	35.712	10.7	72	0.00
57		2,4-Dinitrotoluene	40.000	43.500	-8.8	77	-0.01
58		Fluorene	40.000	41.964	-4.9	74	-0.02
59		2,3,4,6-Tetrachlorophenol	40.000	43.612	-9.0	77	-0.02
60		Diethylphthalate	40.000	42.356	-5.9	77	-0.01
61		4-Chlorophenyl-phenylether	40.000	42.979	-7.4	74	-0.02
62		4-Nitroaniline	40.000	38.626	3.4	73	-0.02
63		Azobenzene	40.000	40.204	-0.5	74	-0.02
64	I	Phenanthrene-d10	20.000	20.000	0.0	71	0.00
65		4,6-Dinitro-2-methylphenol	40.000	50.256	-25.6#	131	-0.01
66	c	n-Nitrosodiphenylamine	40.000	41.489	-3.7	73	-0.02
67		4-Bromophenyl-phenylether	40.000	43.875	-9.7	75	-0.02
68		Hexachlorobenzene	40.000	44.689	-11.7	76	-0.01
69		Atrazine	40.000	41.737	-4.3	74	-0.02
70	C	Pentachlorophenol	40.000	43.908	-9.8	79	-0.01
71		Phenanthrene	40.000	42.315	-5.8	75	0.00
72		Anthracene	40.000	41.951	-4.9	73	0.00
73		Carbazole	40.000	41.604	-4.0	75	0.00
74		Di-n-butylphthalate	40.000	43.766	-9.4	77	-0.01
75	C	Fluoranthene	40.000	43.273	-8.2	76	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	73	0.00
77		Benzidine	40.000	33.138	17.2	66	0.00
78		Pyrene	40.000	40.460	-1.2	75	0.00
79	S	Terphenyl-d14	80.000	85.533	-6.9	78	0.00
80		Butylbenzylphthalate	40.000	41.456	-3.6	76	0.00
81		Benzo(a)anthracene	40.000	41.471	-3.7	76	0.00
82		3,3'-Dichlorobenzidine	40.000	41.962	-4.9	76	0.00
83		Chrysene	40.000	41.230	-3.1	74	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	43.349	-8.4	81	0.00
85	c	Di-n-octyl phthalate	40.000	43.393	-8.5	79	0.00
86	I	Perylene-d12	20.000	20.000	0.0	72	0.01
87		Indeno(1,2,3-cd)pyrene	40.000	43.908	-9.8	75	0.00
88		Benzo(b)fluoranthene	40.000	40.809	-2.0	73	0.00
89		Benzo(k)fluoranthene	40.000	42.275	-5.7	77	0.00
90	C	Benzo(a)pyrene	40.000	41.935	-4.8	75	0.00
91		Dibenzo(a,h)anthracene	40.000	43.766	-9.4	75	0.02
92		Benzo(g,h,i)perylene	40.000	44.176	-10.4	75	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026290.D
Acq On : 11 Dec 2025 13:04
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Dec 11 13:24:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 05 14:52:44 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

Sample Results: **BP026290.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026290.D
Acq On : 11 Dec 2025 13:04
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Dec 11 13:24:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 05 14:52:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	77	0.00
2		1,4-Dioxane	0.506	0.541	-6.9	85	0.00
3		Pyridine	1.453	1.436	1.2	80	0.00
4		n-Nitrosodimethylamine	0.542	0.534	1.5	80	0.00
5	S	2-Fluorophenol	1.244	1.256	-1.0	79	0.00
6		Aniline	2.061	1.828	11.3	75	0.00
7	S	Phenol-d6	1.570	1.449	7.7	74	0.00
8		2-Chlorophenol	1.414	1.388	1.8	77	0.00
9		Benzaldehyde	0.847	0.977	-15.3	74	0.00
10	C	Phenol	1.689	1.553	8.1	74	0.00
11		bis(2-Chloroethyl)ether	1.324	1.227	7.3	75	0.00
12		1,3-Dichlorobenzene	1.530	1.597	-4.4	80	0.00
13	C	1,4-Dichlorobenzene	1.541	1.595	-3.5	79	0.00
14		1,2-Dichlorobenzene	1.480	1.514	-2.3	79	0.00
15		Benzyl Alcohol	1.142	1.030	9.8	75	0.00
16		2,2'-oxybis(1-Chloropropane	1.848	1.677	9.3	76	-0.01
17		2-Methylphenol	1.146	1.047	8.6	75	0.00
18		Hexachloroethane	0.560	0.595	-6.2	82	-0.01
19	P	n-Nitroso-di-n-propylamine	0.968	0.848	12.4	74	-0.01
20		3+4-Methylphenols	1.583	1.399	11.6	74	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	71	0.00
22		Acetophenone	0.507	0.522	-3.0	75	0.00
23	S	Nitrobenzene-d5	0.351	0.372	-6.0	76	0.00
24		Nitrobenzene	0.355	0.373	-5.1	76	0.00
25		Isophorone	0.689	0.684	0.7	75	-0.01
26	C	2-Nitrophenol	0.180	0.194	-7.8	75	0.00
27		2,4-Dimethylphenol	0.318	0.300	5.7	77	0.00
28		bis(2-Chloroethoxy)methane	0.433	0.427	1.4	74	0.00
29	C	2,4-Dichlorophenol	0.324	0.342	-5.6	75	0.00
30		1,2,4-Trichlorobenzene	0.333	0.365	-9.6	75	-0.01
31		Naphthalene	1.081	1.117	-3.3	74	0.00
32		Benzoic acid	0.255	0.306	-20.0	135	0.03
33		4-Chloroaniline	0.453	0.432	4.6	73	0.00
34	C	Hexachlorobutadiene	0.217	0.255	-17.5	79	-0.01
35		Caprolactam	0.114	0.106	7.0	71	-0.02
36	C	4-Chloro-3-methylphenol	0.341	0.335	1.8	74	0.00
37		2-Methylnaphthalene	0.762	0.776	-1.8	75	-0.01
38		1-Methylnaphthalene	0.744	0.750	-0.8	73	-0.02
39	I	Acenaphthene-d10	1.000	1.000	0.0	71	-0.02
40		1,2,4,5-Tetrachlorobenzene	0.611	0.680	-11.3	75	0.00
41	P	Hexachlorocyclopentadiene	0.381	0.366	3.9	84	0.00
42	S	2,4,6-Tribromophenol	0.260	0.292	-12.3	77	-0.01
43	C	2,4,6-Trichlorophenol	0.415	0.449	-8.2	75	0.00
44		2,4,5-Trichlorophenol	0.462	0.495	-7.1	76	0.00
45	S	2-Fluorobiphenyl	1.376	1.492	-8.4	75	-0.02
46		1,1'-Biphenyl	1.510	1.570	-4.0	73	-0.01
47		2-Chloronaphthalene	1.190	1.251	-5.1	73	0.00

Sample Results: **BP026290.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026290.D
Acq On : 11 Dec 2025 13:04
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Dec 11 13:24:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 05 14:52:44 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	0.326	0.334	-2.5	75	0.00
49		Acenaphthylene	1.953	2.022	-3.5	74	-0.01
50		Dimethylphthalate	1.490	1.551	-4.1	75	-0.02
51		2,6-Dinitrotoluene	0.295	0.322	-9.2	75	-0.01
52	C	Acenaphthene	1.142	1.151	-0.8	73	-0.02
53		3-Nitroaniline	0.344	0.341	0.9	72	-0.02
54	P	2,4-Dinitrophenol	0.157	0.252	-60.5#	318#	-0.01
55		Dibenzofuran	1.776	1.836	-3.4	73	-0.02
56	P	4-Nitrophenol	0.307	0.274	10.7	72	0.00
57		2,4-Dinitrotoluene	0.438	0.476	-8.7	77	-0.01
58		Fluorene	1.405	1.474	-4.9	74	-0.02
59		2,3,4,6-Tetrachlorophenol	0.391	0.426	-9.0	77	-0.02
60		Diethylphthalate	1.495	1.583	-5.9	77	-0.01
61		4-Chlorophenyl-phenylether	0.700	0.753	-7.6	74	-0.02
62		4-Nitroaniline	0.357	0.345	3.4	73	-0.02
63		Azobenzene	1.257	1.263	-0.5	74	-0.02
64	I	Phenanthrene-d10	1.000	1.000	0.0	71	0.00
65		4,6-Dinitro-2-methylphenol	0.118	0.148	-25.4#	131	-0.01
66	c	n-Nitrosodiphenylamine	0.618	0.641	-3.7	73	-0.02
67		4-Bromophenyl-phenylether	0.222	0.243	-9.5	75	-0.02
68		Hexachlorobenzene	0.258	0.288	-11.6	76	-0.01
69		Atrazine	0.233	0.243	-4.3	74	-0.02
70	C	Pentachlorophenol	0.179	0.196	-9.5	79	-0.01
71		Phenanthrene	1.127	1.193	-5.9	75	0.00
72		Anthracene	1.148	1.204	-4.9	73	0.00
73		Carbazole	1.087	1.131	-4.0	75	0.00
74		Di-n-butylphthalate	1.284	1.405	-9.4	77	-0.01
75	C	Fluoranthene	1.372	1.484	-8.2	76	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	73	0.00
77		Benzidine	0.628	0.520	17.2	66	0.00
78		Pyrene	1.303	1.318	-1.2	75	0.00
79	S	Terphenyl-d14	0.979	1.046	-6.8	78	0.00
80		Butylbenzylphthalate	0.572	0.593	-3.7	76	0.00
81		Benzo(a)anthracene	1.372	1.422	-3.6	76	0.00
82		3,3'-Dichlorobenzidine	0.499	0.524	-5.0	76	0.00
83		Chrysene	1.299	1.339	-3.1	74	0.00
84		Bis(2-ethylhexyl)phthalate	0.860	0.932	-8.4	81	0.00
85	c	Di-n-octyl phthalate	1.517	1.646	-8.5	79	0.00
86	I	Perylene-d12	1.000	1.000	0.0	72	0.01
87		Indeno(1,2,3-cd)pyrene	1.512	1.659	-9.7	75	0.00
88		Benzo(b)fluoranthene	1.215	1.240	-2.1	73	0.00
89		Benzo(k)fluoranthene	1.216	1.285	-5.7	77	0.00
90	C	Benzo(a)pyrene	1.153	1.208	-4.8	75	0.00
91		Dibenzo(a,h)anthracene	1.236	1.353	-9.5	75	0.02
92		Benzo(g,h,i)perylene	1.232	1.361	-10.5	75	0.00

Sample Results: **BP026290.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026290.D
Acq On : 11 Dec 2025 13:04
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Dec 11 13:24:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 05 14:52:44 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

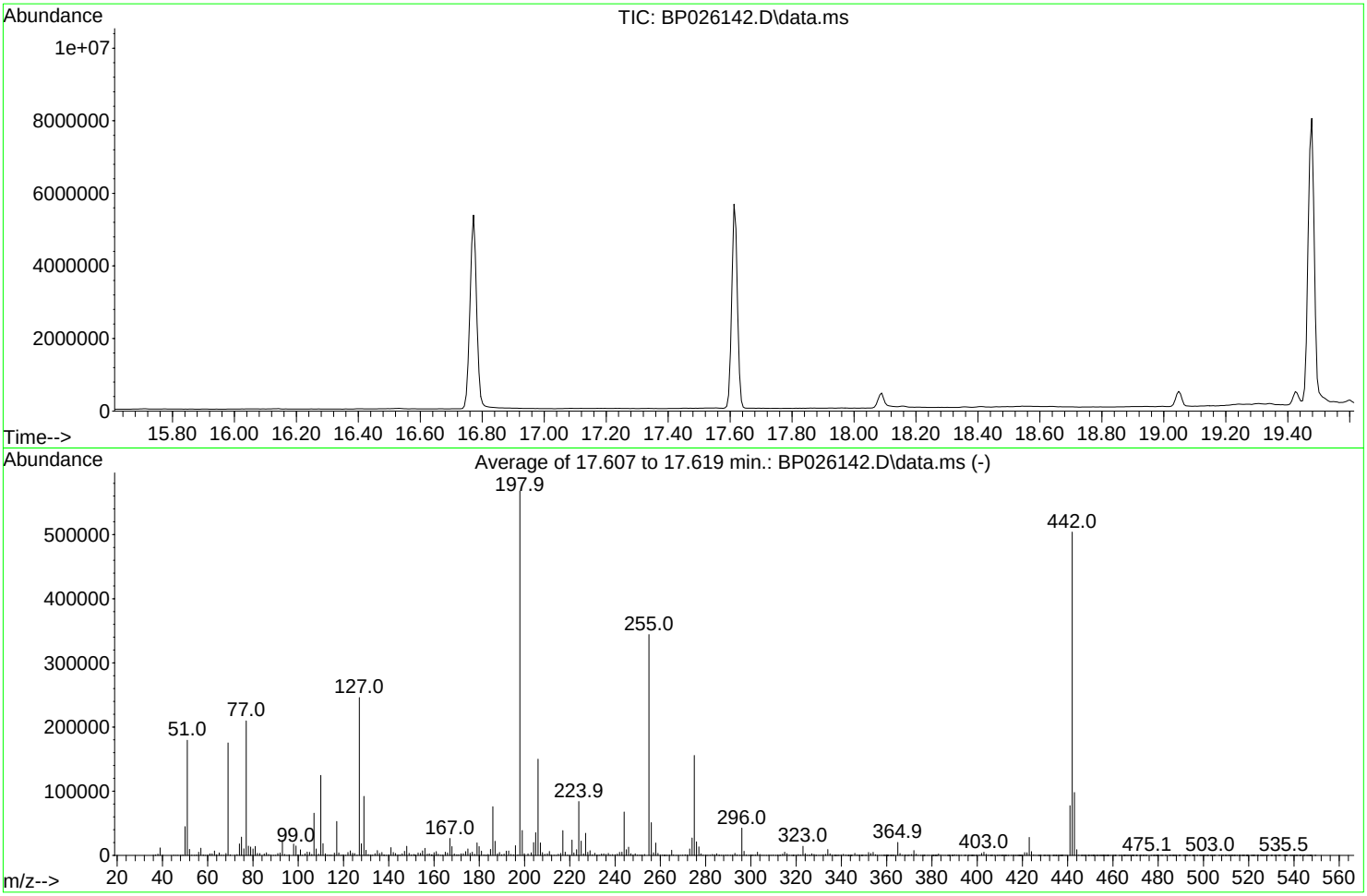
Sample Results: **BP026142.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026142.D
Acq On : 18 Nov 2025 13:45
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Nov 19 01:25:31 2025



AutoFind: Scans 2494, 2495, 2496; Background Corrected with Scan 2485

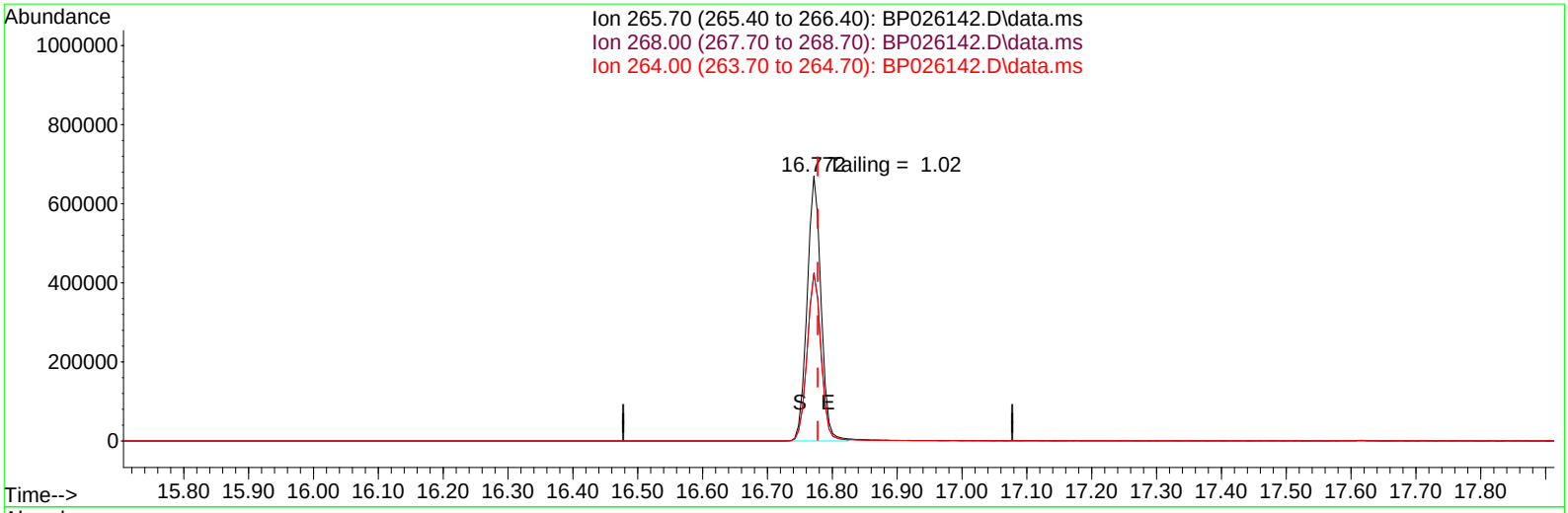
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.6	2891	PASS
69	69	100	100	100.0	175261	PASS
70	69	0.00	2	0.4	730	PASS
197	198	0.00	2	0.1	748	PASS
198	198	100	100	100.0	567984	PASS
199	198	5	9	6.8	38899	PASS
365	198	1	100	3.6	20169	PASS
441	443	0.01	150	79.0	77420	PASS
442	442	100	100	100.0	503872	PASS
443	442	15	24	19.5	98037	PASS

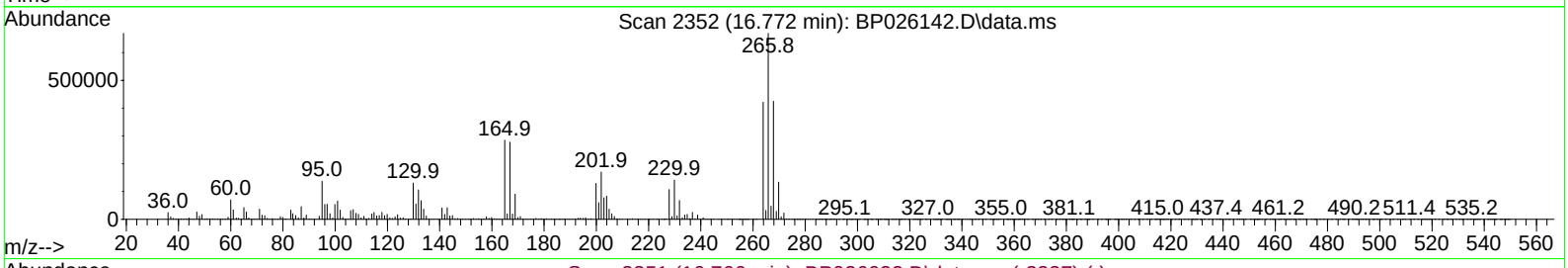
Sample Results: **BP026142.D**

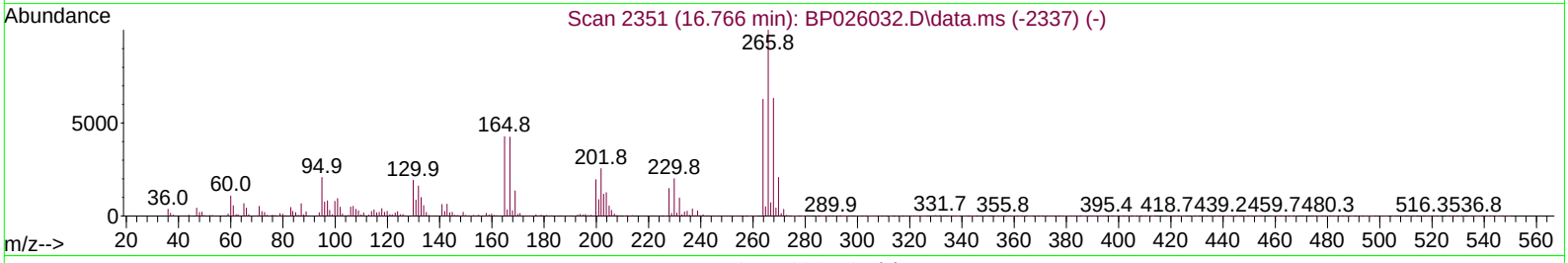
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026142.D
Acq On : 18 Nov 2025 13:45
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Nov 19 00:44:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration







TIC: BP026142.D\data.ms

(70) Pentachlorophenol (C)

16.772min (-0.006) 1416102.53 ng

response 1013882

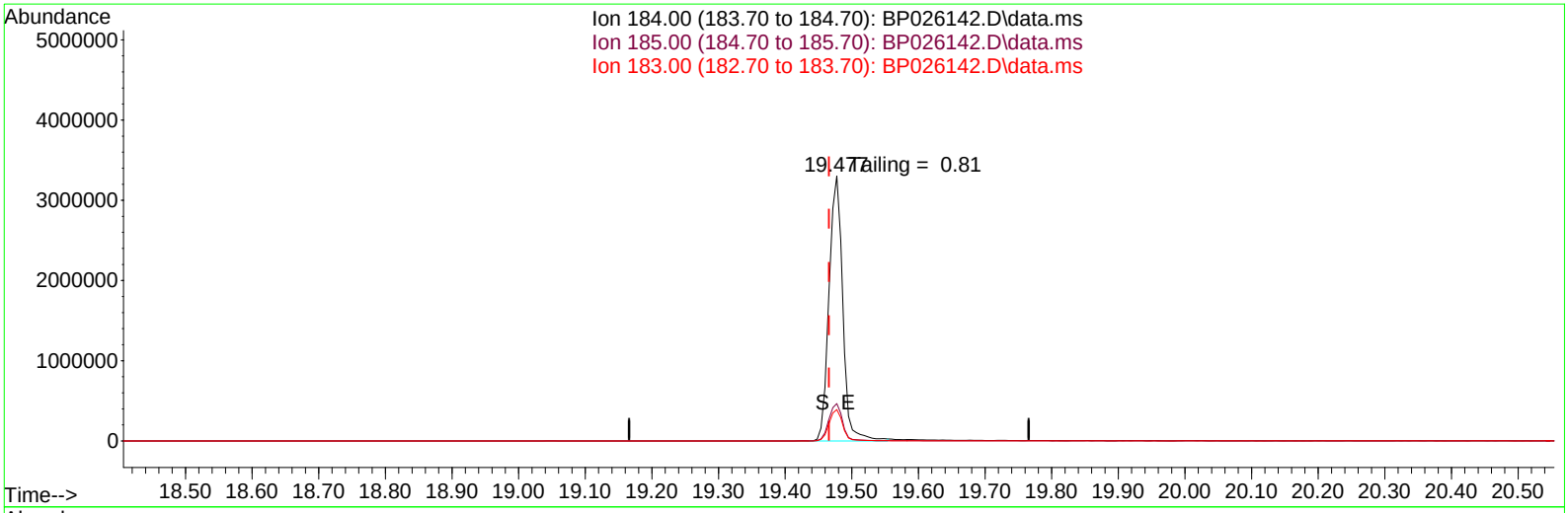
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.70	63.49
264.00	62.70	62.91
0.00	0.00	0.00

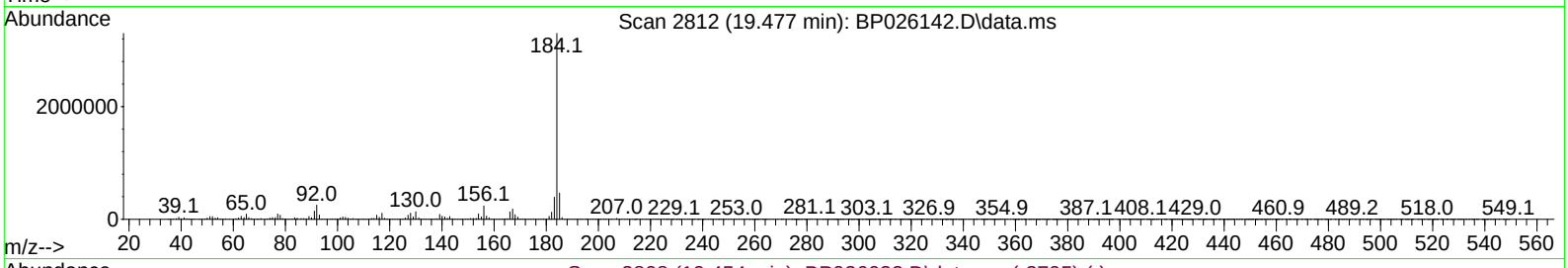
Sample Results: **BP026142.D**

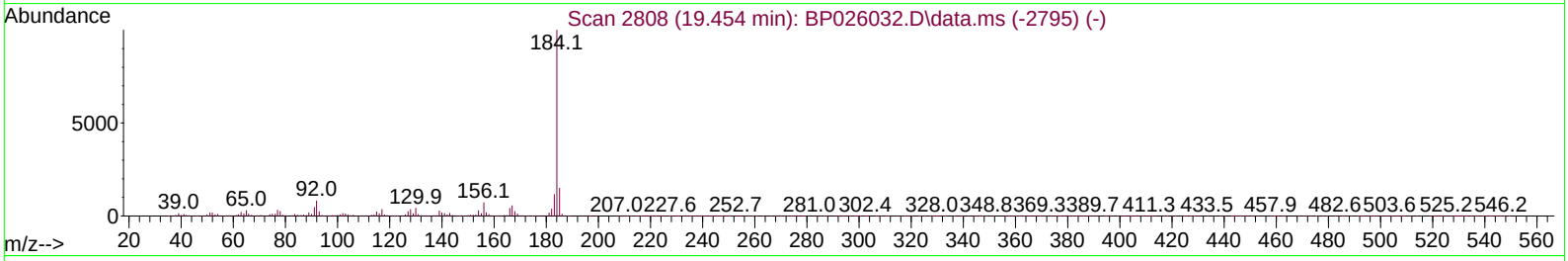
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026142.D
Acq On : 18 Nov 2025 13:45
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Nov 19 00:44:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration







TIC: BP026142.D\data.ms

(77) Benzidine

19.477min (+ 0.012) 743702.57 ng

response 4726021

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.10	14.13
183.00	11.30	11.87
0.00	0.00	0.00

Instrument :
BNA_P
ClientSampleId :
DFTPP

DDT Breakdown

Date	Instrument Name	DFTPP Data File
11/18/2025	BNA_P	BP026142.D
Compound Name	**Response**	**Retention Time**
DDT	2472778	20.777
DDD	49260	20.377
DDE	4029	19.789
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
53289	2526067	2.11

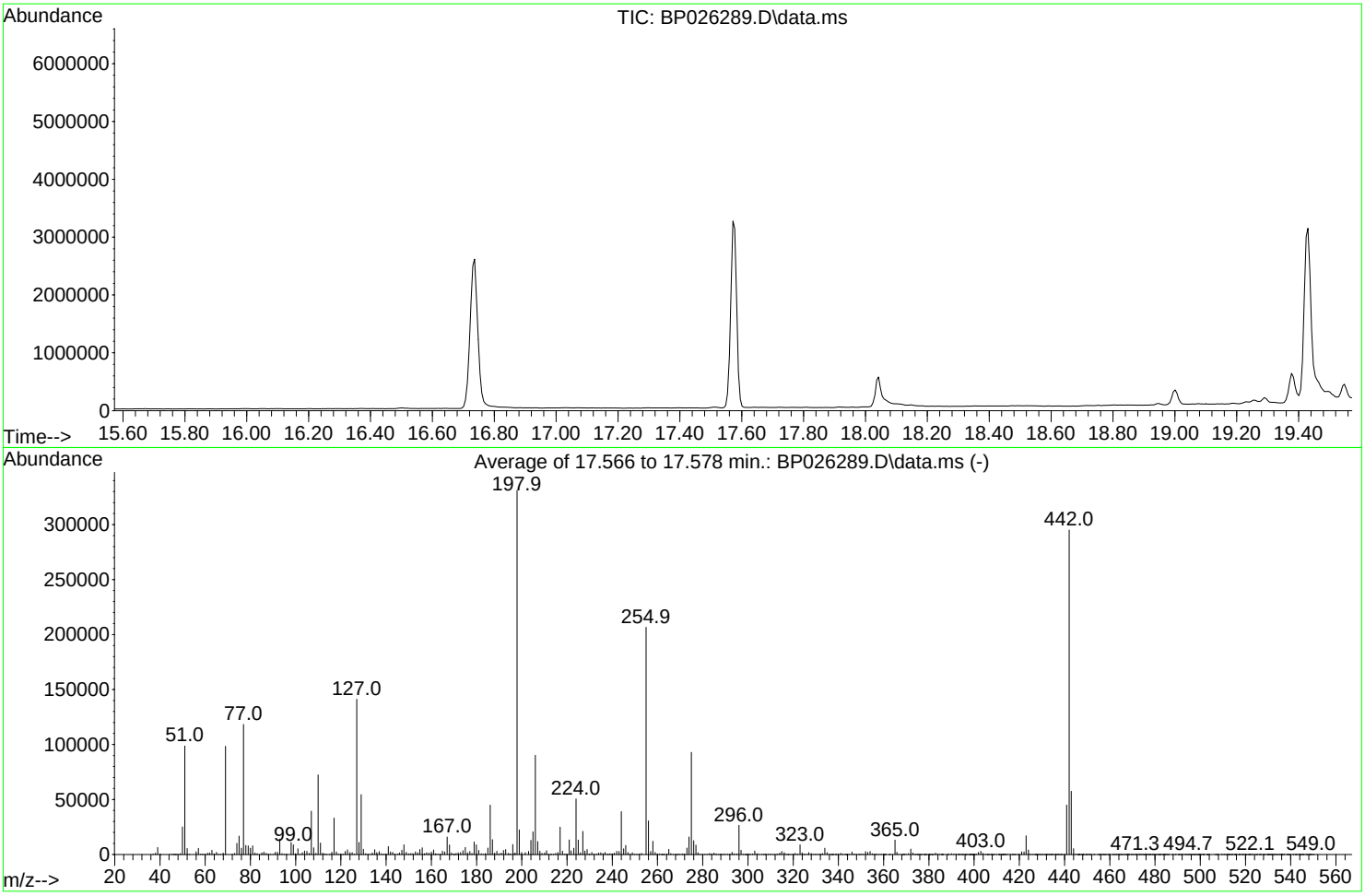
Sample Results: **BP026289.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026289.D
Acq On : 11 Dec 2025 12:23
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Dec 05 14:52:44 2025



AutoFind: Scans 2487, 2488, 2489; Background Corrected with Scan 2479

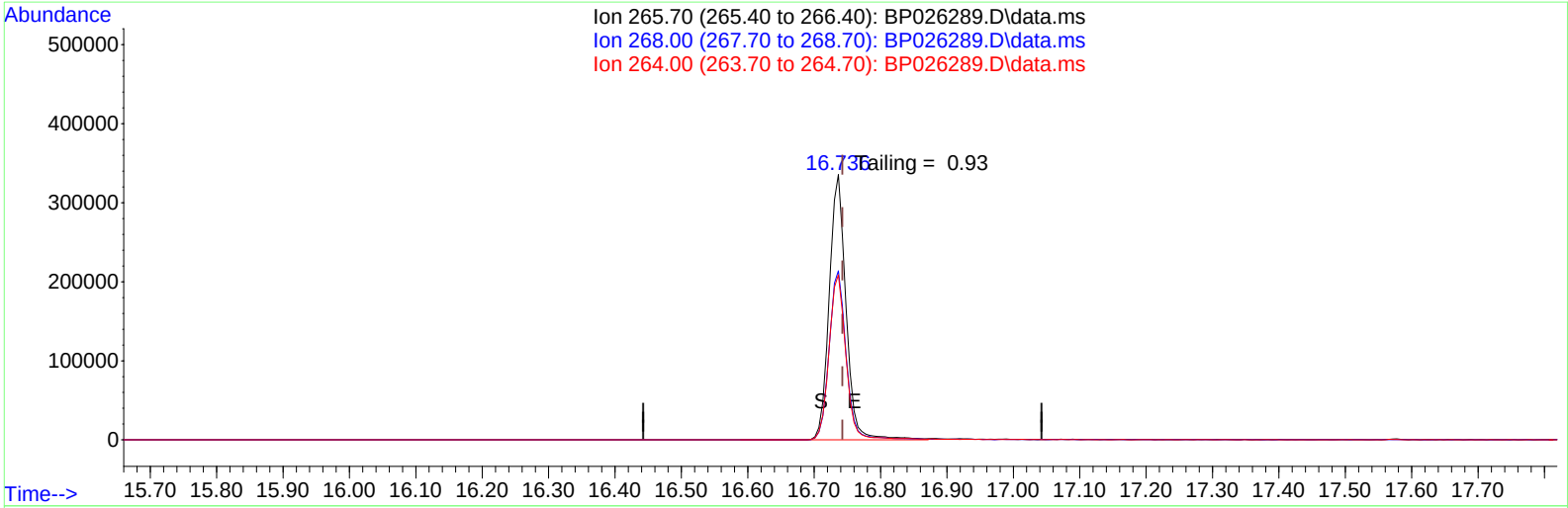
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.3	1297	PASS
69	69	100	100	100.0	98463	PASS
70	69	0.00	2	0.0	0	PASS
197	198	0.00	2	0.4	1400	PASS
198	198	100	100	100.0	331012	PASS
199	198	5	9	6.7	22338	PASS
365	198	1	100	4.0	13114	PASS
441	443	0.01	150	78.0	44832	PASS
442	442	100	100	100.0	295099	PASS
443	442	15	24	19.5	57466	PASS

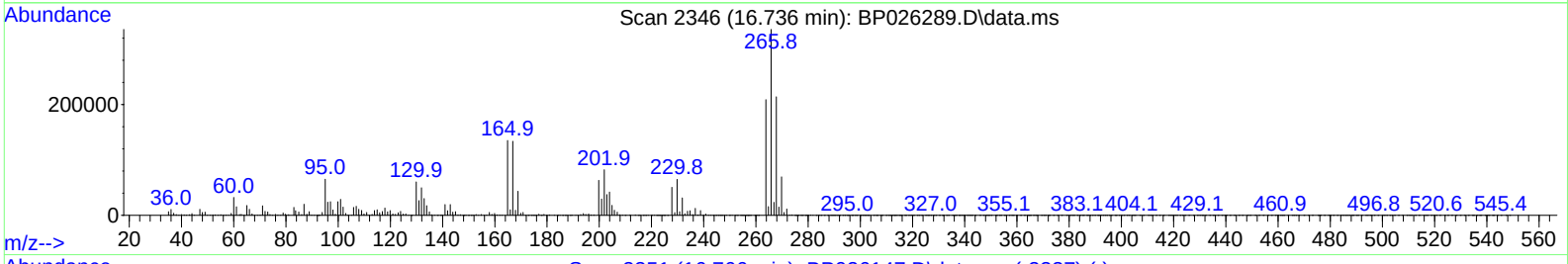
Sample Results: **BP026289.D**

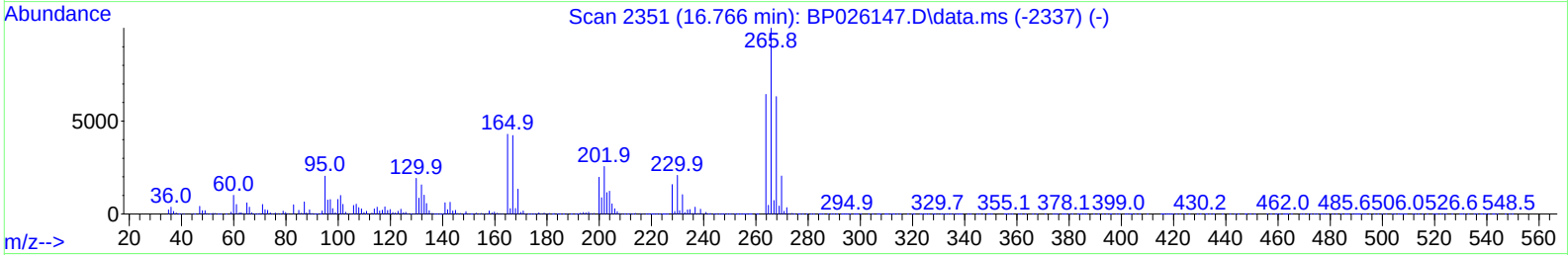
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026289.D
Acq On : 11 Dec 2025 12:23
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Dec 11 12:51:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 05 14:52:44 2025
Response via : Initial Calibration







TIC: BP026289.D\data.ms

(70) Pentachlorophenol (C)

16.736min (-0.006) 123831.64 ng

response 584414

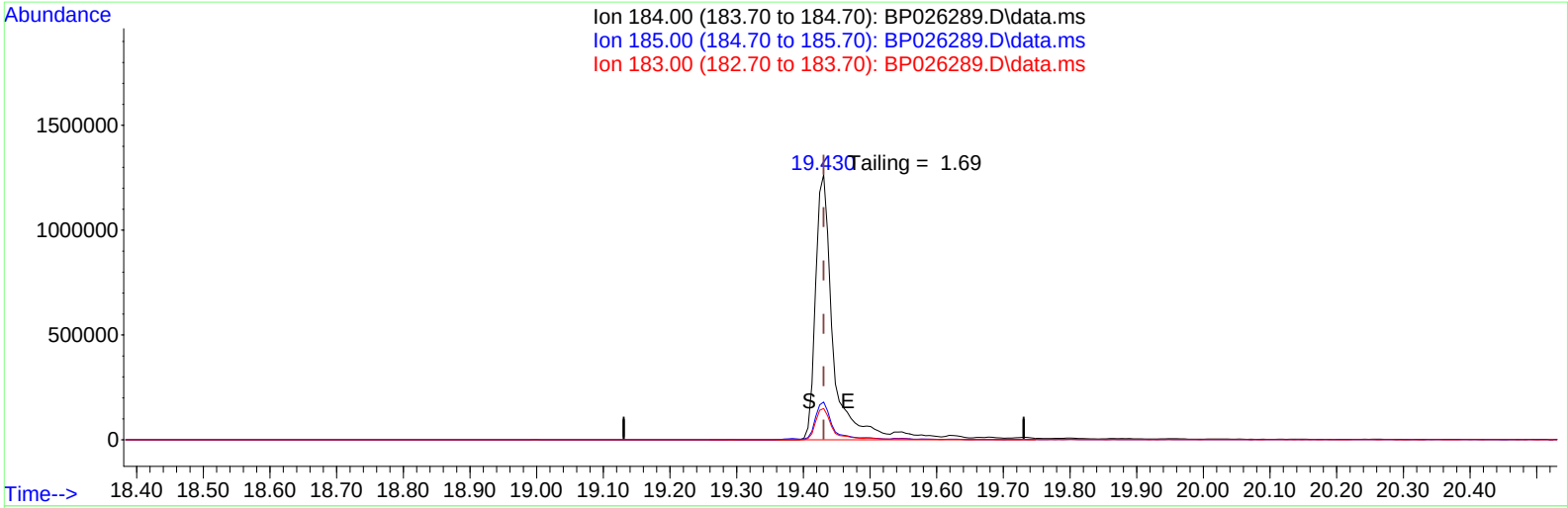
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.70	63.77
264.00	62.70	62.24
0.00	0.00	0.00

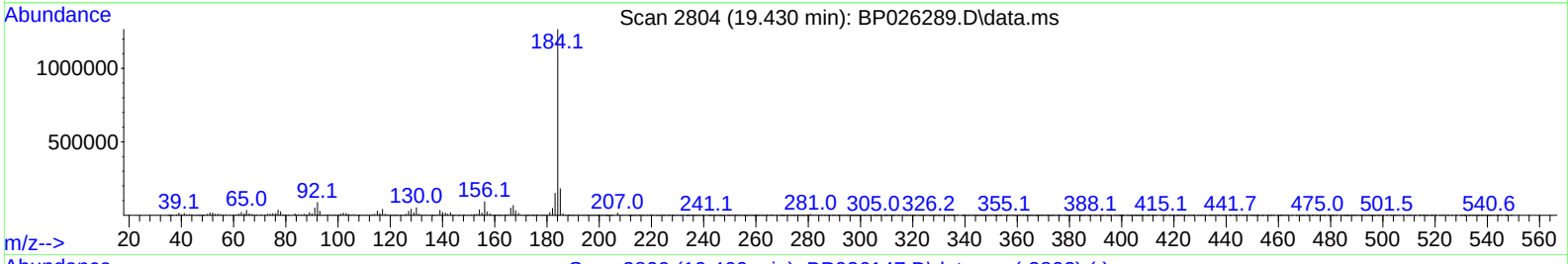
Sample Results: **BP026289.D**

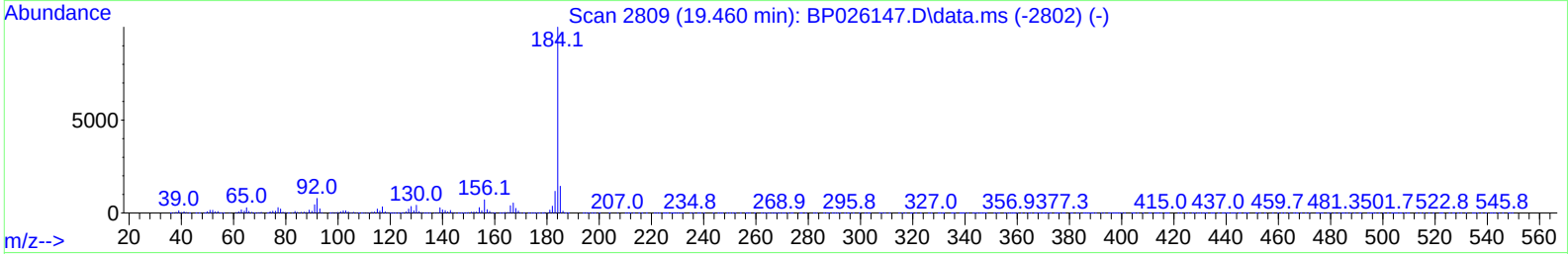
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026289.D
Acq On : 11 Dec 2025 12:23
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Dec 11 12:51:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 05 14:52:44 2025
Response via : Initial Calibration







TIC: BP026289.D\data.ms

(77) Benzidine

19.430min (-0.000) 18777.43 ng

response 2264441

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.10	14.27
183.00	11.30	11.82
0.00	0.00	0.00

Instrument :
BNA_P
ClientSampleId :
DFTPP

DDT Breakdown

Date	Instrument Name	DFTPP Data File
12/11/2025	BNA_P	BP026289.D
Compound Name	**Response**	**Retention Time**
DDT	1499546	20.724
DDD	46040	20.272
DDE	4378	19.736
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
50418	1549964	3.25

Raw Data: **BP026291.D**

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

Report of Analysis

Client:	Woodard & Curran			Date Collected:	
Project:	US EPA Riverside Industrial Park Superfund Site			Date Received:	
Client Sample ID:	PB170902BL			SDG No.:	Q3834
Lab Sample ID:	PB170902BL			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	12/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	160	U	1	160	330	ug/Kg	12/11/25 13:45	PB170902
108-95-2	Phenol	22.1	U	1	22.1	170	ug/Kg	12/11/25 13:45	PB170902
111-44-4	bis(2-Chloroethyl)ether	24.3	U	1	24.3	170	ug/Kg	12/11/25 13:45	PB170902
95-57-8	2-Chlorophenol	24.4	U	1	24.4	170	ug/Kg	12/11/25 13:45	PB170902
95-48-7	2-Methylphenol	29.9	U	1	29.9	170	ug/Kg	12/11/25 13:45	PB170902
108-60-1	2,2-oxybis(1-Chloropropane)	37.5	U	1	37.5	170	ug/Kg	12/11/25 13:45	PB170902
98-86-2	Acetophenone	29.5	U	1	29.5	170	ug/Kg	12/11/25 13:45	PB170902
65794-96-9	3+4-Methylphenols	41.1	U	1	41.1	330	ug/Kg	12/11/25 13:45	PB170902
621-64-7	n-Nitroso-di-n-propylamine	47.4	U	1	47.4	80.0	ug/Kg	12/11/25 13:45	PB170902
67-72-1	Hexachloroethane	17.6	U	1	17.6	170	ug/Kg	12/11/25 13:45	PB170902
98-95-3	Nitrobenzene	18.3	U	1	18.3	170	ug/Kg	12/11/25 13:45	PB170902
78-59-1	Isophorone	32.8	U	1	32.8	170	ug/Kg	12/11/25 13:45	PB170902
88-75-5	2-Nitrophenol	58.2	U	1	58.2	170	ug/Kg	12/11/25 13:45	PB170902
105-67-9	2,4-Dimethylphenol	64.8	U	1	64.8	170	ug/Kg	12/11/25 13:45	PB170902
111-91-1	bis(2-Chloroethoxy)methane	30.8	U	1	30.8	170	ug/Kg	12/11/25 13:45	PB170902
120-83-2	2,4-Dichlorophenol	28.3	U	1	28.3	170	ug/Kg	12/11/25 13:45	PB170902
91-20-3	Naphthalene	22.7	U	1	22.7	170	ug/Kg	12/11/25 13:45	PB170902
106-47-8	4-Chloroaniline	35.4	U	1	35.4	170	ug/Kg	12/11/25 13:45	PB170902
87-68-3	Hexachlorobutadiene	25.3	U	1	25.3	170	ug/Kg	12/11/25 13:45	PB170902
105-60-2	Caprolactam	52.1	U	1	52.1	330	ug/Kg	12/11/25 13:45	PB170902
59-50-7	4-Chloro-3-methylphenol	28.7	U	1	28.7	170	ug/Kg	12/11/25 13:45	PB170902
91-57-6	2-Methylnaphthalene	25.6	U	1	25.6	170	ug/Kg	12/11/25 13:45	PB170902
77-47-4	Hexachlorocyclopentadiene	120	U	1	120	330	ug/Kg	12/11/25 13:45	PB170902
88-06-2	2,4,6-Trichlorophenol	19.8	U	1	19.8	170	ug/Kg	12/11/25 13:45	PB170902
95-95-4	2,4,5-Trichlorophenol	29.1	U	1	29.1	170	ug/Kg	12/11/25 13:45	PB170902
92-52-4	1,1-Biphenyl	21.8	U	1	21.8	170	ug/Kg	12/11/25 13:45	PB170902
91-58-7	2-Chloronaphthalene	22.5	U	1	22.5	170	ug/Kg	12/11/25 13:45	PB170902
88-74-4	2-Nitroaniline	48.1	U	1	48.1	170	ug/Kg	12/11/25 13:45	PB170902
131-11-3	Dimethylphthalate	27.1	U	1	27.1	170	ug/Kg	12/11/25 13:45	PB170902
208-96-8	Acenaphthylene	28.9	U	1	28.9	170	ug/Kg	12/11/25 13:45	PB170902
606-20-2	2,6-Dinitrotoluene	33.6	U	1	33.6	170	ug/Kg	12/11/25 13:45	PB170902
99-09-2	3-Nitroaniline	46.0	U	1	46.0	170	ug/Kg	12/11/25 13:45	PB170902
83-32-9	Acenaphthene	21.3	U	1	21.3	170	ug/Kg	12/11/25 13:45	PB170902
51-28-5	2,4-Dinitrophenol	230	U	1	230	330	ug/Kg	12/11/25 13:45	PB170902
100-02-7	4-Nitrophenol	110	U	1	110	330	ug/Kg	12/11/25 13:45	PB170902
132-64-9	Dibenzofuran	22.7	U	1	22.7	170	ug/Kg	12/11/25 13:45	PB170902
121-14-2	2,4-Dinitrotoluene	50.1	U	1	50.1	170	ug/Kg	12/11/25 13:45	PB170902
84-66-2	Diethylphthalate	28.3	U	1	28.3	170	ug/Kg	12/11/25 13:45	PB170902
7005-72-3	4-Chlorophenyl-phenylether	26.7	U	1	26.7	170	ug/Kg	12/11/25 13:45	PB170902
86-73-7	Fluorene	25.3	U	1	25.3	170	ug/Kg	12/11/25 13:45	PB170902
100-01-6	4-Nitroaniline	64.2	U	1	64.2	170	ug/Kg	12/11/25 13:45	PB170902
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1	100	330	ug/Kg	12/11/25 13:45	PB170902

Raw Data: **BP026291.D**

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

Report of Analysis

Client:	Woodard & Curran			Date Collected:	
Project:	US EPA Riverside Industrial Park Superfund Site			Date Received:	
Client Sample ID:	PB170902BL			SDG No.:	Q3834
Lab Sample ID:	PB170902BL			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	12/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	32.9	U	1	32.9	170	ug/Kg	12/11/25 13:45	PB170902
101-55-3	4-Bromophenyl-phenylether	27.8	U	1	27.8	170	ug/Kg	12/11/25 13:45	PB170902
118-74-1	Hexachlorobenzene	25.3	U	1	25.3	170	ug/Kg	12/11/25 13:45	PB170902
1912-24-9	Atrazine	34.0	U	1	34.0	170	ug/Kg	12/11/25 13:45	PB170902
87-86-5	Pentachlorophenol	51.3	U	1	51.3	330	ug/Kg	12/11/25 13:45	PB170902
85-01-8	Phenanthrene	20.9	U	1	20.9	170	ug/Kg	12/11/25 13:45	PB170902
120-12-7	Anthracene	33.3	U	1	33.3	170	ug/Kg	12/11/25 13:45	PB170902
86-74-8	Carbazole	31.2	U	1	31.2	170	ug/Kg	12/11/25 13:45	PB170902
84-74-2	Di-n-butylphthalate	47.9	U	1	47.9	170	ug/Kg	12/11/25 13:45	PB170902
206-44-0	Fluoranthene	30.0	U	1	30.0	170	ug/Kg	12/11/25 13:45	PB170902
129-00-0	Pyrene	36.0	U	1	36.0	170	ug/Kg	12/11/25 13:45	PB170902
85-68-7	Butylbenzylphthalate	71.4	U	1	71.4	170	ug/Kg	12/11/25 13:45	PB170902
91-94-1	3,3-Dichlorobenzidine	36.7	U	1	36.7	330	ug/Kg	12/11/25 13:45	PB170902
56-55-3	Benzo(a)anthracene	23.0	U	1	23.0	170	ug/Kg	12/11/25 13:45	PB170902
218-01-9	Chrysene	19.9	U	1	19.9	170	ug/Kg	12/11/25 13:45	PB170902
117-81-7	Bis(2-ethylhexyl)phthalate	59.2	U	1	59.2	170	ug/Kg	12/11/25 13:45	PB170902
117-84-0	Di-n-octyl phthalate	86.8	U	1	86.8	330	ug/Kg	12/11/25 13:45	PB170902
205-99-2	Benzo(b)fluoranthene	19.0	U	1	19.0	170	ug/Kg	12/11/25 13:45	PB170902
207-08-9	Benzo(k)fluoranthene	22.4	U	1	22.4	170	ug/Kg	12/11/25 13:45	PB170902
50-32-8	Benzo(a)pyrene	29.5	U	1	29.5	170	ug/Kg	12/11/25 13:45	PB170902
193-39-5	Indeno(1,2,3-cd)pyrene	29.1	U	1	29.1	170	ug/Kg	12/11/25 13:45	PB170902
53-70-3	Dibenzo(a,h)anthracene	27.4	U	1	27.4	170	ug/Kg	12/11/25 13:45	PB170902
191-24-2	Benzo(g,h,i)perylene	25.7	U	1	25.7	170	ug/Kg	12/11/25 13:45	PB170902
95-94-3	1,2,4,5-Tetrachlorobenzene	25.6	U	1	25.6	170	ug/Kg	12/11/25 13:45	PB170902
123-91-1	1,4-Dioxane	45.2	U	1	45.2	170	ug/Kg	12/11/25 13:45	PB170902
58-90-2	2,3,4,6-Tetrachlorophenol	27.4	U	1	27.4	170	ug/Kg	12/11/25 13:45	PB170902
SURROGATES									
367-12-4	2-Fluorophenol	130			30 (10) - 130 (105)	87%	SPK: 150		
13127-88-3	Phenol-d6	121			30 (10) - 130 (103)	81%	SPK: 150		
4165-60-0	Nitrobenzene-d5	87.0			30 (10) - 130 (108)	87%	SPK: 100		
321-60-8	2-Fluorobiphenyl	89.3			30 (10) - 130 (108)	89%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	147			30 (10) - 130 (116)	98%	SPK: 150		
1718-51-0	Terphenyl-d14	91.2			30 (10) - 130 (109)	91%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	208000							
1146-65-2	Naphthalene-d8	773000							
15067-26-2	Acenaphthene-d10	482000							
1517-22-2	Phenanthrene-d10	1010000							
1719-03-5	Chrysene-d12	1180000							
1520-96-3	Perylene-d12	1340000							
TENTATIVE IDENTIFIED COMPOUNDS									
000057-10-3	n-Hexadecanoic acid	69.6	J			18.0	ug/Kg		
000544-77-4	Hexadecane, 1-iodo-	100	J			20.6	ug/Kg		

Raw Data: **BP026291.D**

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

Report of Analysis

Client:	Woodard & Curran			Date Collected:	
Project:	US EPA Riverside Industrial Park Superfund Site			Date Received:	
Client Sample ID:	PB170902BL			SDG No.:	Q3834
Lab Sample ID:	PB170902BL			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	12/11/25		

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_P\Data\BP121125\
Data File : BP026291.D
Acq On : 11 Dec 2025 13:45
Operator : RC/JU
Sample : PB170902BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170902BL

Quant Time: Dec 11 14:04:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 05 14:52:44 2025
Response via : Initial Calibration

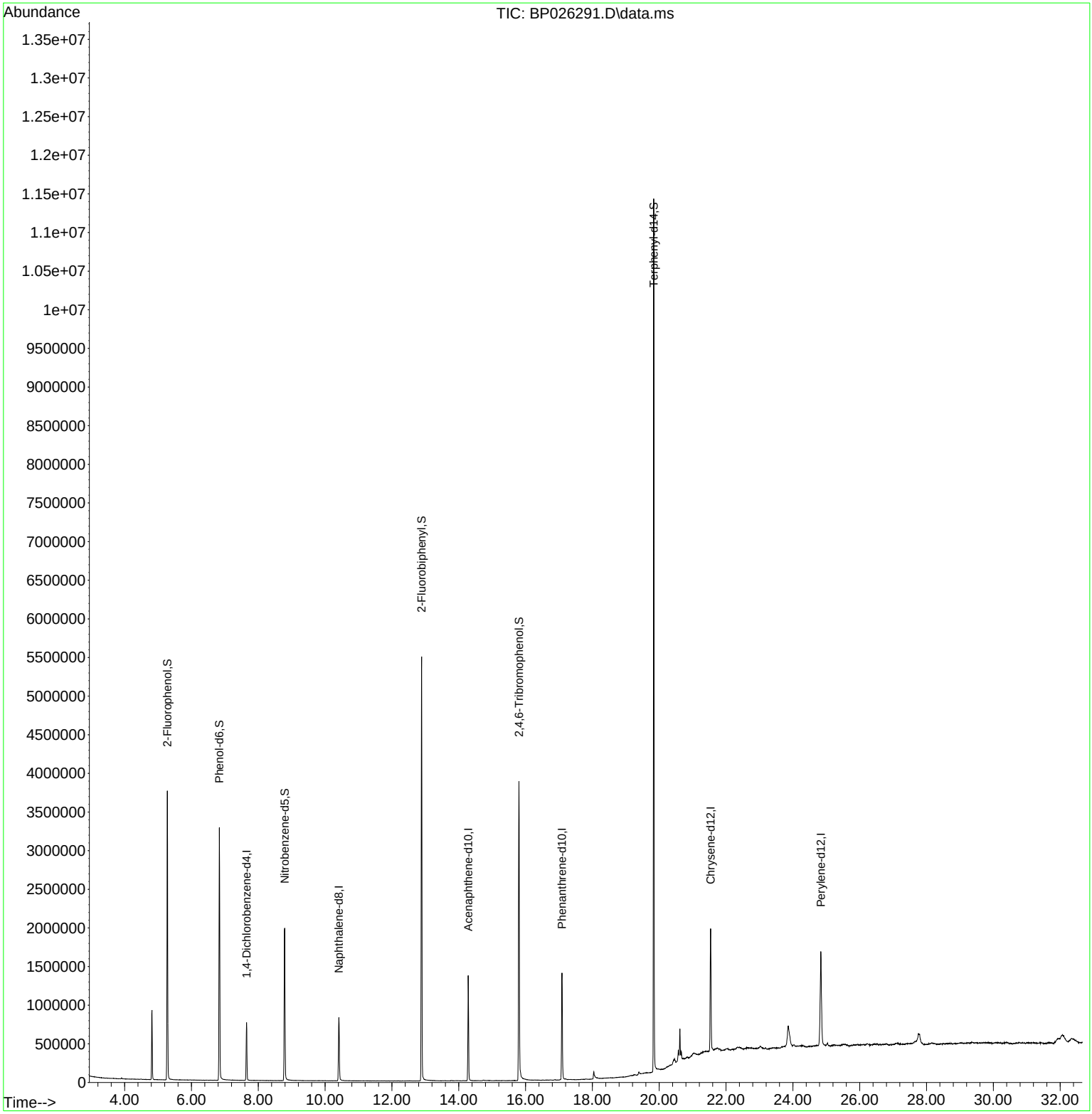
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.649	152	207721	20.000	ng	0.00
21) Naphthalene-d8	10.413	136	772961	20.000	ng	0.00
39) Acenaphthene-d10	14.284	164	481686	20.000	ng	0.00
64) Phenanthrene-d10	17.090	188	1008044	20.000	ng	0.00
76) Chrysene-d12	21.536	240	1176010	20.000	ng	0.00
86) Perylene-d12	24.836	264	1339093	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	1677841	129.859	ng	0.00
7) Phenol-d6	6.837	99	1969594	120.766	ng	0.00
23) Nitrobenzene-d5	8.790	82	1181917	87.036	ng	0.00
42) 2,4,6-Tribromophenol	15.801	330	919426	146.775	ng	0.00
45) 2-Fluorobiphenyl	12.890	172	2958303	89.291	ng	-0.01
79) Terphenyl-d14	19.836	244	5245208	91.162	ng	0.00
Target Compounds						Qvalue

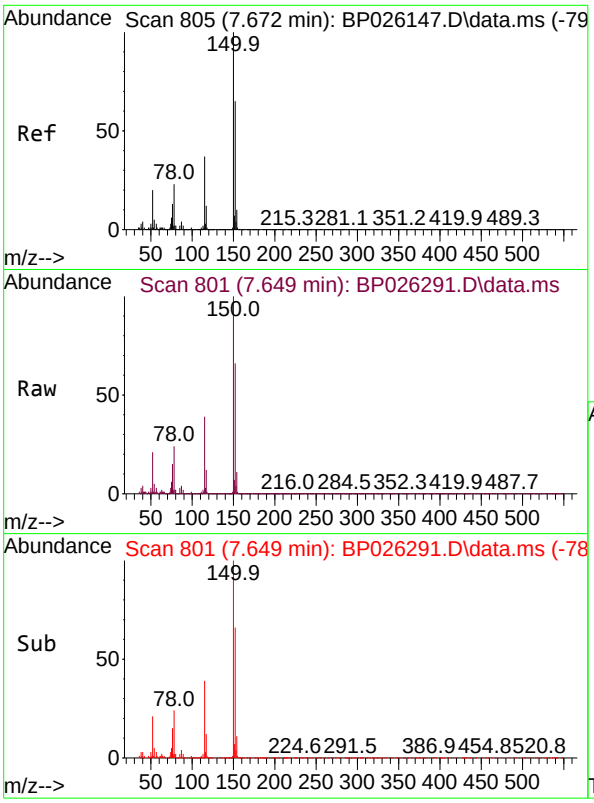
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026291.D
Acq On : 11 Dec 2025 13:45
Operator : RC/JU
Sample : PB170902BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170902BL

Quant Time: Dec 11 14:04:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 05 14:52:44 2025
Response via : Initial Calibration



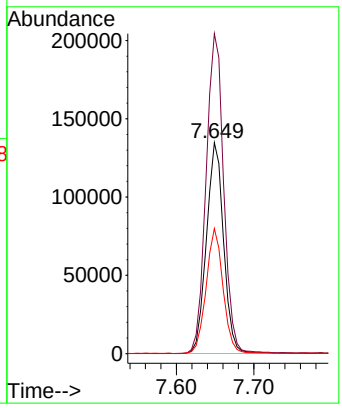


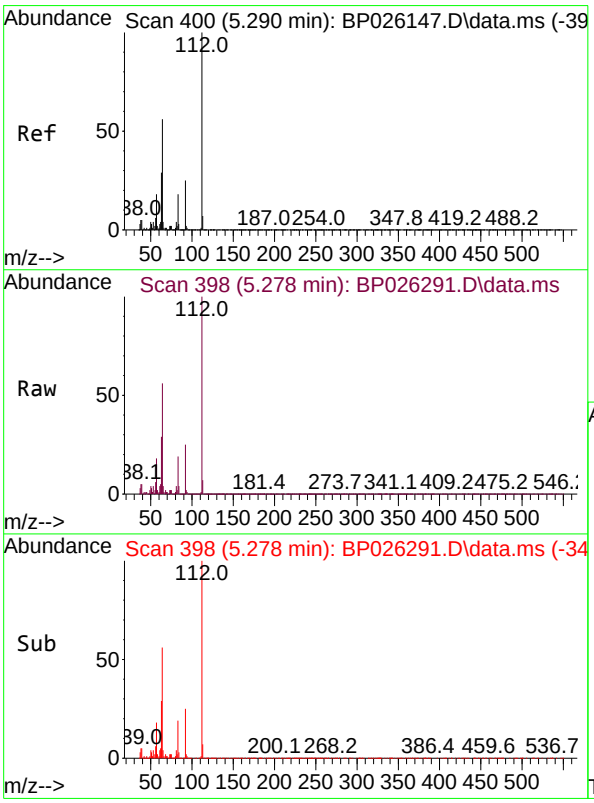
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.649 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP026291.D
Acq: 11 Dec 2025 13:45

Instrument :
BNA_P
ClientSampleId :
PB170902BL

Tgt Ion:152 Resp: 207721

Ion	Ratio	Lower	Upper
152	100		
150	151.7	123.0	184.6
115	59.3	46.3	69.5

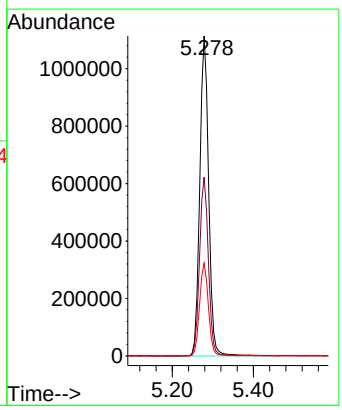


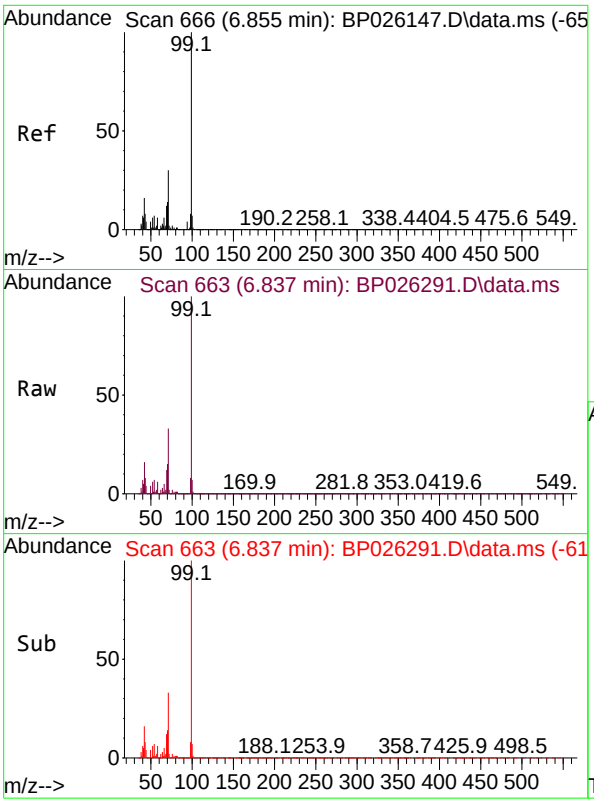


#5
2-Fluorophenol
Concen: 129.859 ng
RT: 5.278 min Scan# 398
Delta R.T. -0.000 min
Lab File: BP026291.D
Acq: 11 Dec 2025 13:45

Tgt Ion:112 Resp: 1677841

Ion	Ratio	Lower	Upper
112	100		
64	55.8	45.8	68.6
63	29.0	23.5	35.3



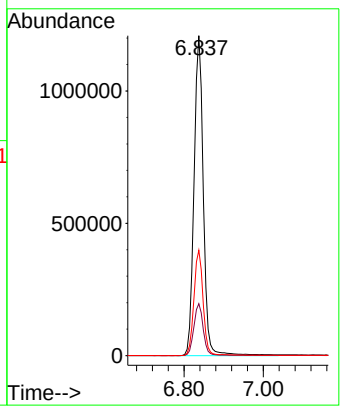


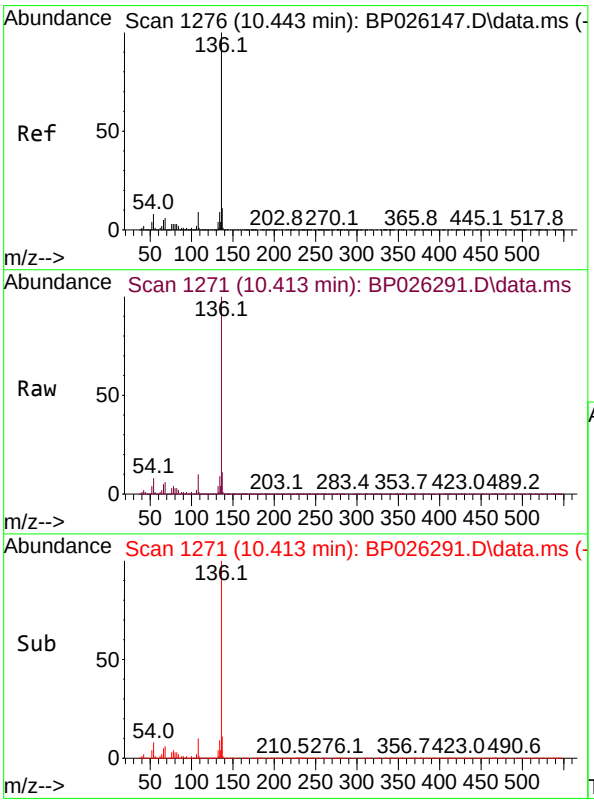
#7
Phenol-d6
Concen: 120.766 ng
RT: 6.837 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP026291.D
Acq: 11 Dec 2025 13:45

Instrument :
BNA_P
ClientSampleId :
PB170902BL

Tgt Ion: 99 Resp: 1969594

Ion	Ratio	Lower	Upper
99	100		
42	16.2	12.9	19.3
71	32.9	24.8	37.2

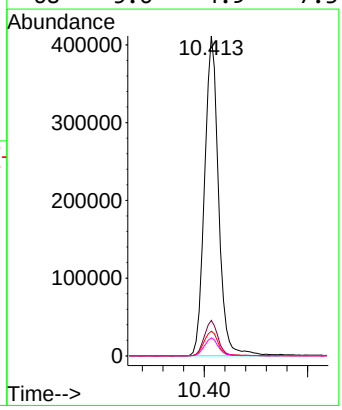


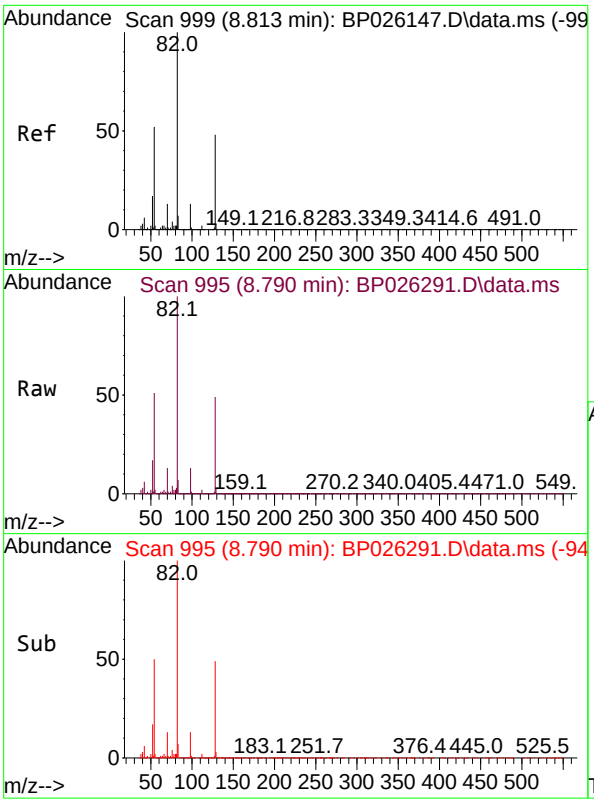


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.413 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BP026291.D
Acq: 11 Dec 2025 13:45

Tgt Ion:136 Resp: 772961

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.7	6.4	9.6
68	5.6	4.9	7.3



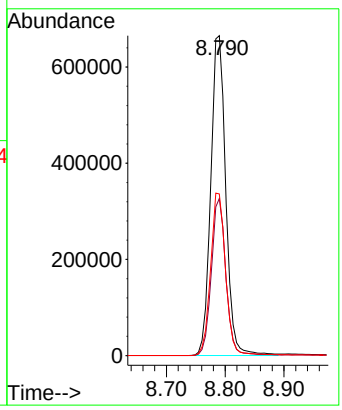


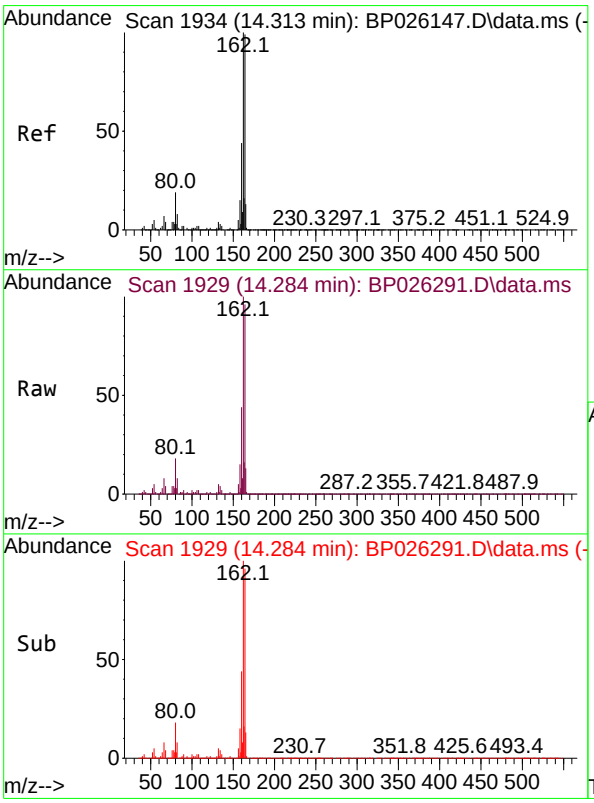
#23
Nitrobenzene-d5
Concen: 87.036 ng
RT: 8.790 min Scan# 99
Delta R.T. 0.000 min
Lab File: BP026291.D
Acq: 11 Dec 2025 13:45

Instrument :
BNA_P
ClientSampleId :
PB170902BL

Tgt Ion: 82 Resp: 1181917

Ion	Ratio	Lower	Upper
82	100		
128	49.1	37.4	56.0
54	50.5	41.6	62.4

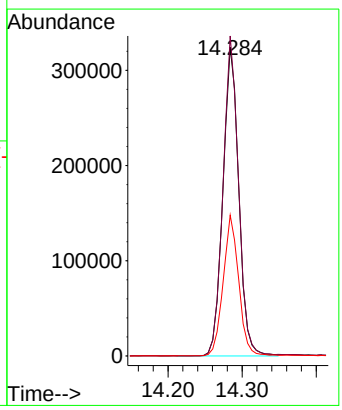


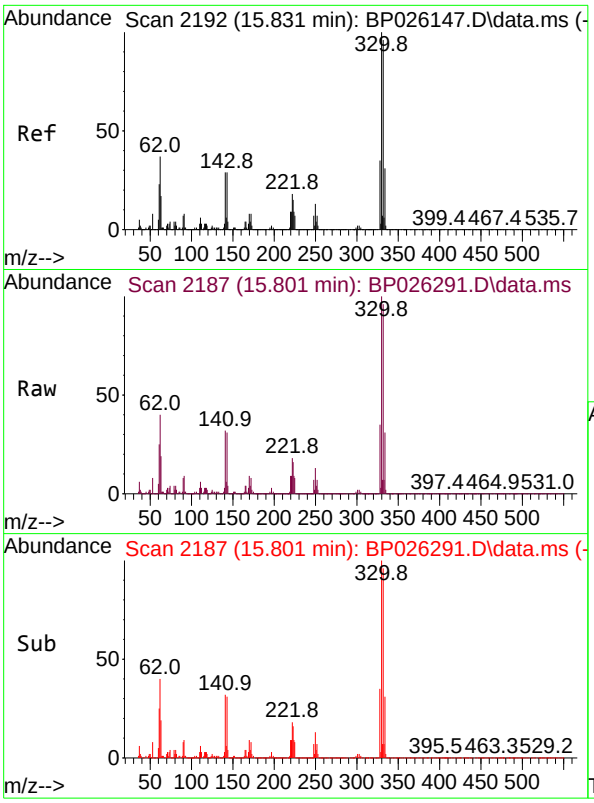


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.284 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BP026291.D
Acq: 11 Dec 2025 13:45

Tgt Ion:164 Resp: 481686

Ion	Ratio	Lower	Upper
164	100		
162	103.7	80.3	120.5
160	45.6	35.2	52.8



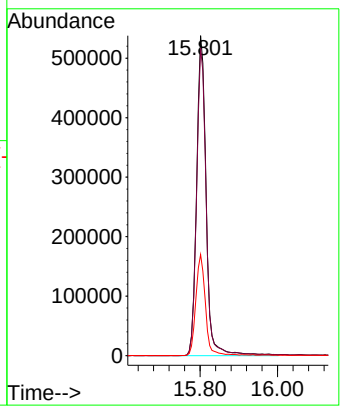


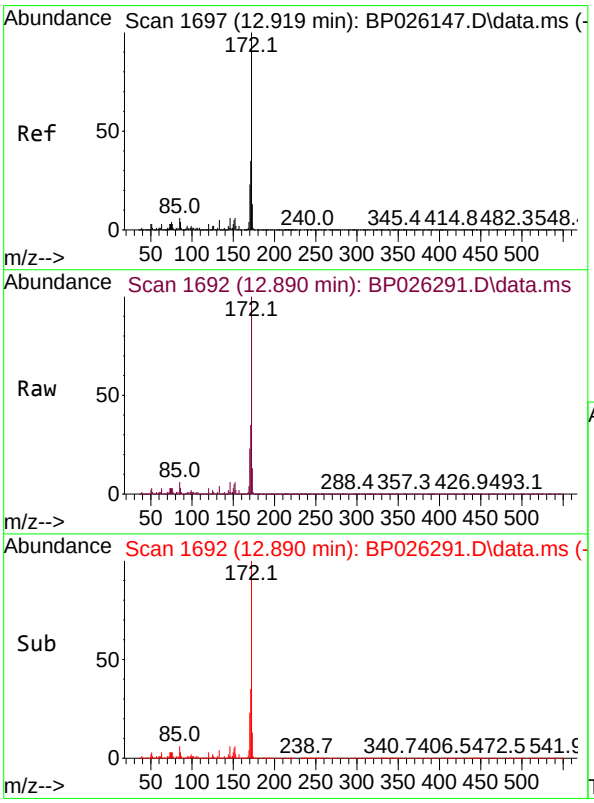
#42
2,4,6-Tribromophenol
Concen: 146.775 ng
RT: 15.801 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026291.D
Acq: 11 Dec 2025 13:45

Instrument :
BNA_P
ClientSampleId :
PB170902BL

Tgt Ion:330 Resp: 919426

Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.0	117.0
141	31.7	26.8	40.2

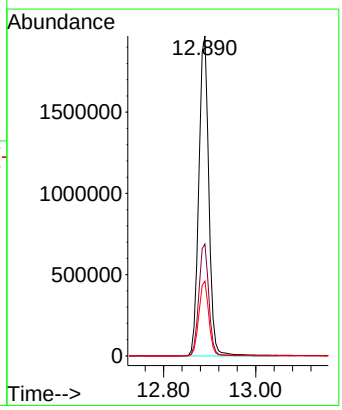


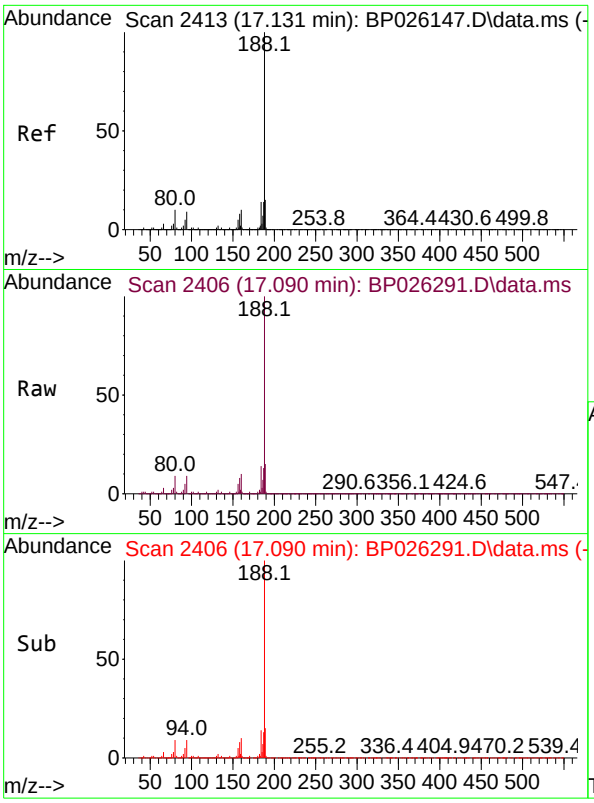


#45
2-Fluorobiphenyl
Concen: 89.291 ng
RT: 12.890 min Scan# 1692
Delta R.T. -0.012 min
Lab File: BP026291.D
Acq: 11 Dec 2025 13:45

Tgt Ion:172 Resp: 2958303

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.2	42.4
170	23.4	18.7	28.1



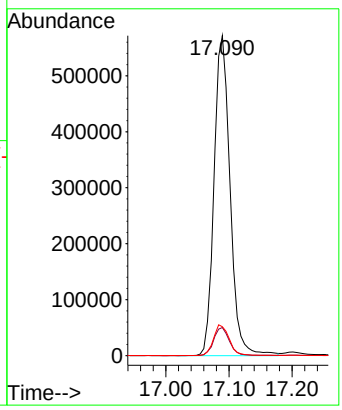


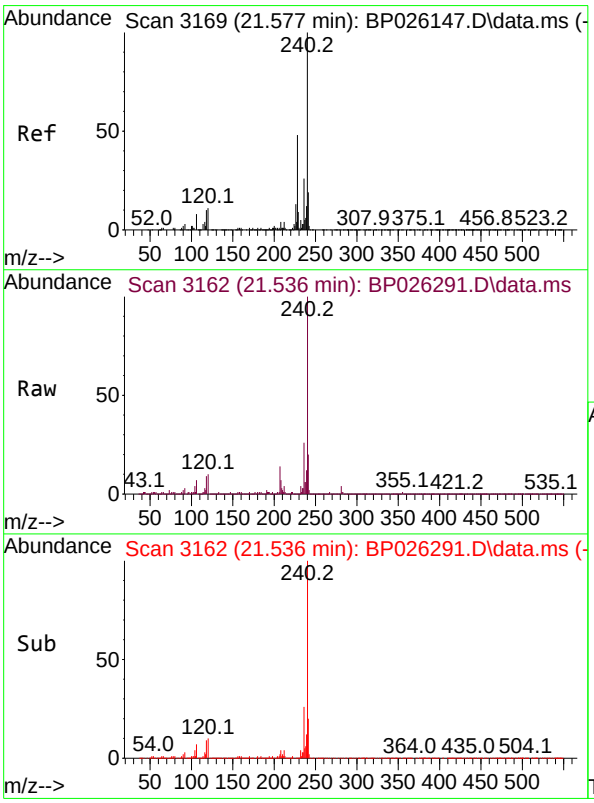
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.090 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP026291.D
Acq: 11 Dec 2025 13:45

Instrument :
BNA_P
ClientSampleId :
PB170902BL

Tgt Ion:188 Resp: 1008044

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.8	11.6
80	9.0	8.2	12.2

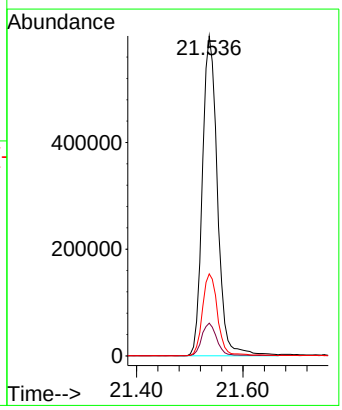


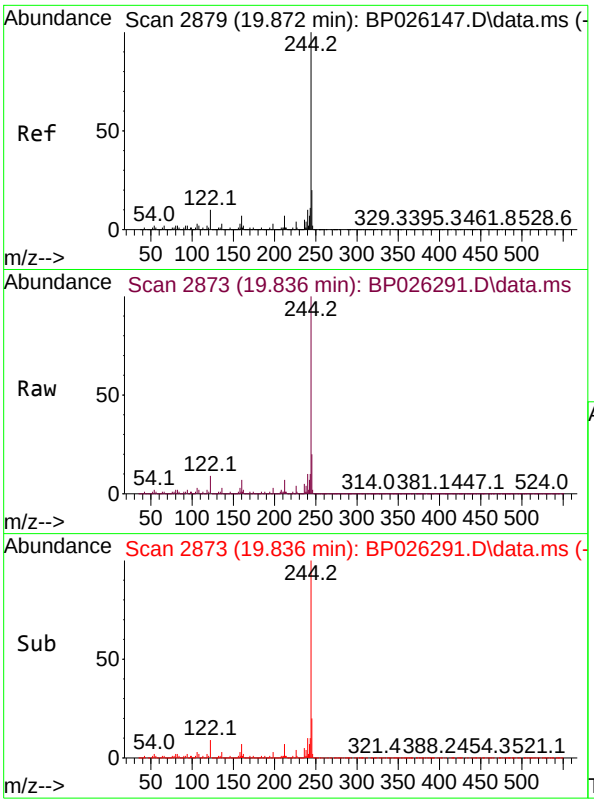


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.536 min Scan# 3162
Delta R.T. -0.000 min
Lab File: BP026291.D
Acq: 11 Dec 2025 13:45

Tgt Ion:240 Resp: 1176010

Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.0	13.4
236	25.7	20.4	30.6



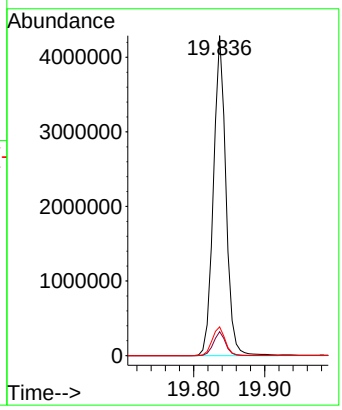


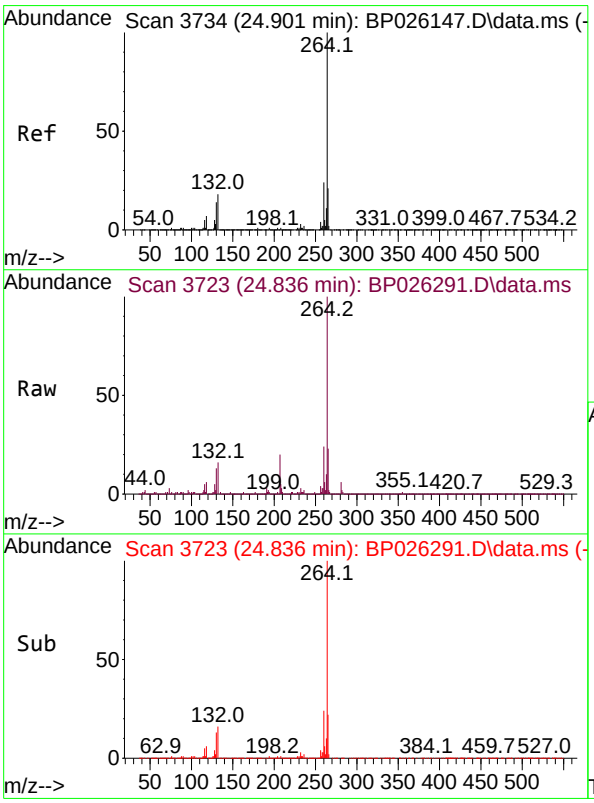
#79
Terphenyl-d14
Concen: 91.162 ng
RT: 19.836 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026291.D
Acq: 11 Dec 2025 13:45

Instrument :
BNA_P
ClientSampleId :
PB170902BL

Tgt Ion:244 Resp: 5245208

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	9.0	8.2	12.2

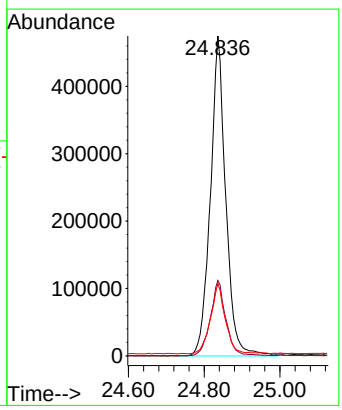




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.836 min Scan# 3723
Delta R.T. 0.012 min
Lab File: BP026291.D
Acq: 11 Dec 2025 13:45

Tgt Ion:264 Resp: 1339093

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	22.6	17.5	26.3



Sample Results: **BP026291.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026291.D
Acq On : 11 Dec 2025 13:45
Operator : RC/JU
Sample : PB170902BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170902BL

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_P\Methods\8270E-BP111825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP026291.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.820	314	320	333	rVB	898905	1254852	9.02%	2.132%
2	5.278	391	398	413	rBV	3740392	5584117	40.16%	9.486%
3	6.837	655	663	686	rBV	3270900	5362693	38.56%	9.110%
4	7.649	794	801	810	rBV	750760	1159031	8.33%	1.969%
5	8.790	987	995	1007	rBV	1974123	3481500	25.04%	5.914%
6	10.413	1262	1271	1288	rBV	818416	1544357	11.11%	2.624%
7	12.890	1683	1692	1706	rBV	5490962	8274102	59.50%	14.056%
8	14.284	1921	1929	1941	rBV	1362650	2020668	14.53%	3.433%
9	15.801	2179	2187	2202	rBV	3872099	6627210	47.66%	11.259%
10	17.090	2399	2406	2421	rBV2	1381042	2437567	17.53%	4.141%
11	18.042	2563	2568	2585	rBV4	91567	255207	1.84%	0.434%
12	19.836	2867	2873	2887	rBV	11299228	13905932	100.00%	23.624%
13	20.572	2994	2998	3002	rBV	130903	215621	1.55%	0.366%
14	20.619	3002	3006	3011	rVV	353080	455030	3.27%	0.773%
15	21.536	3156	3162	3169	rBV2	1580225	2998409	21.56%	5.094%
16	24.836	3715	3723	3740	rVB	1209792	3287716	23.64%	5.585%

Sum of corrected areas: 58864012

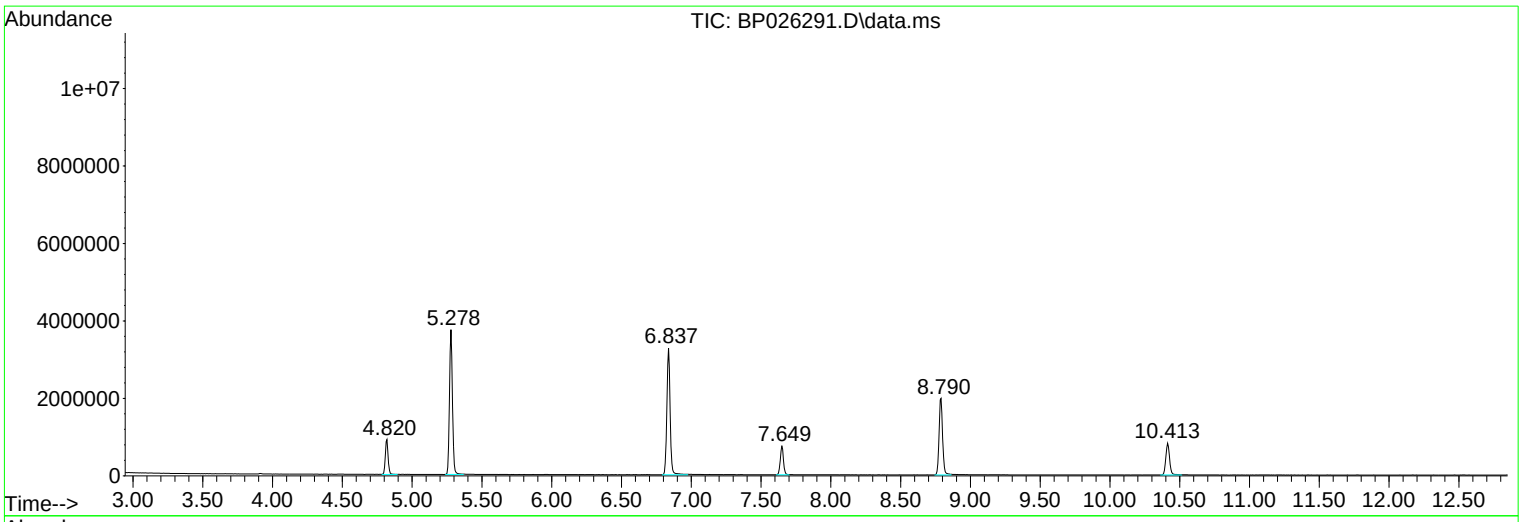
Sample Results: **BP026291.D**

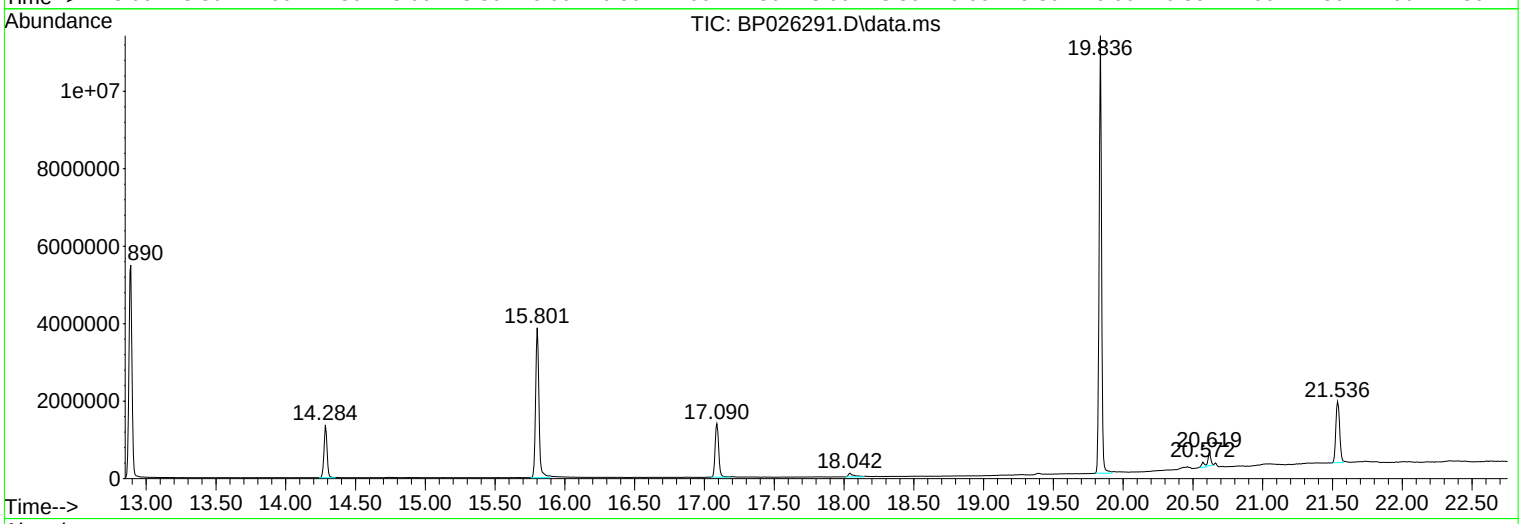
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026291.D
Acq On : 11 Dec 2025 13:45
Operator : RC/JU
Sample : PB170902BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

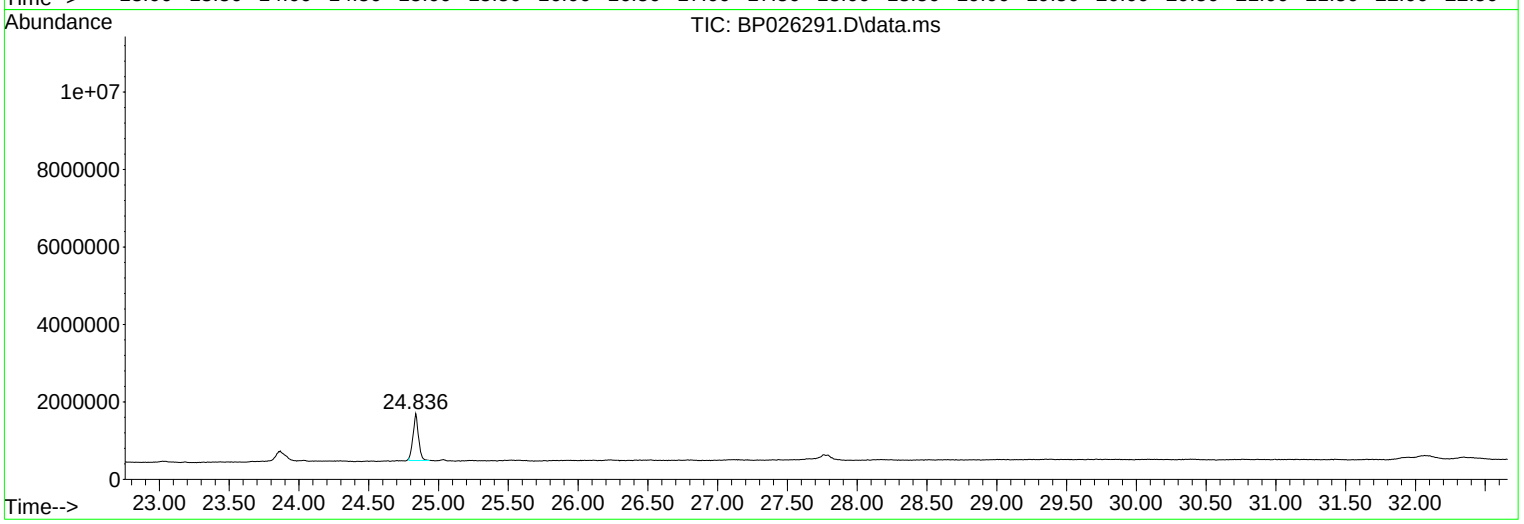
Instrument :
BNA_P
ClientSampleId :
PB170902BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.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_P\Data\BP121125\
Data File : BP026291.D
Acq On : 11 Dec 2025 13:45
Operator : RC/JU
Sample : PB170902BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170902BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

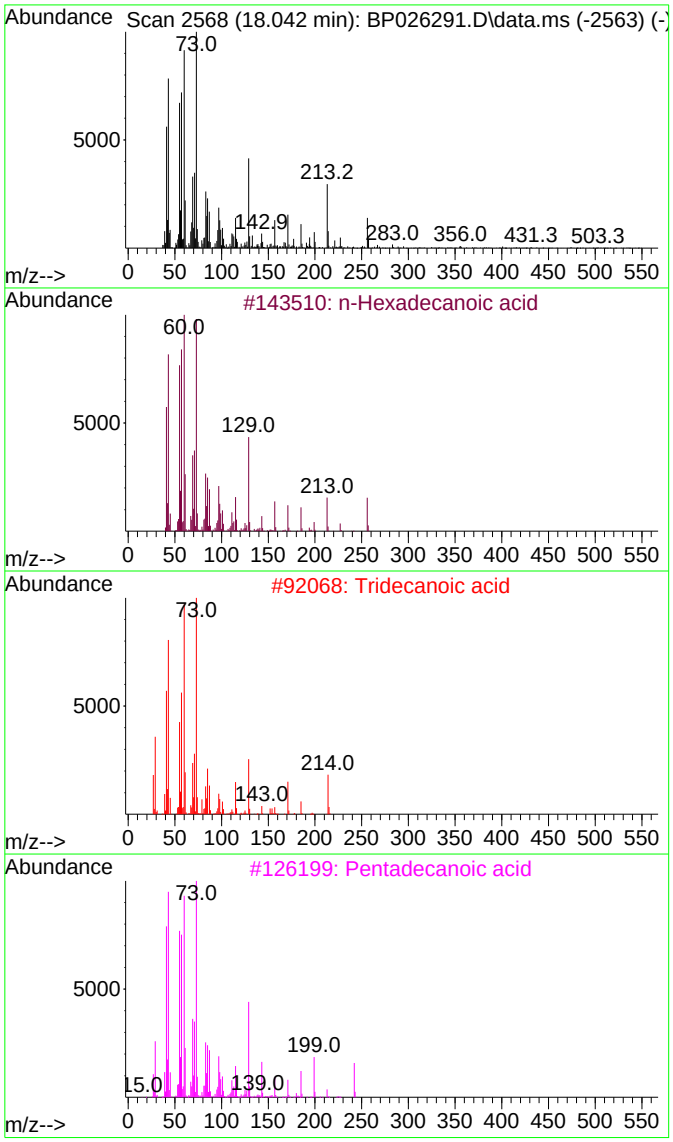
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

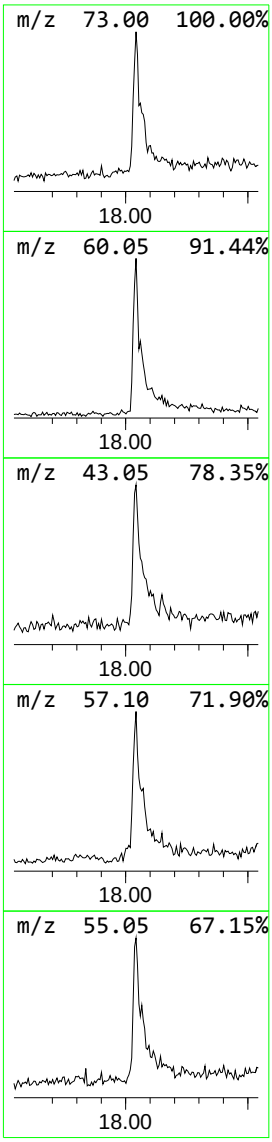
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.042	2.09 ng	255207	Phenanthrene-d10	17.090

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026291.D
Acq On : 11 Dec 2025 13:45
Operator : RC/JU
Sample : PB170902BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170902BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

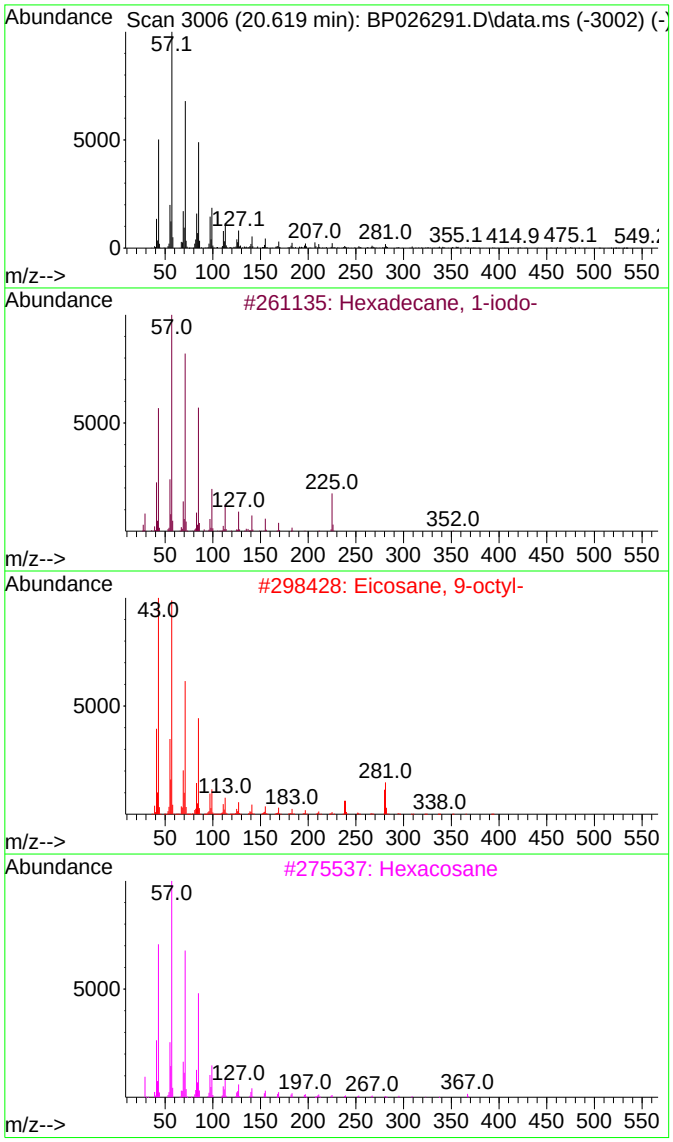
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

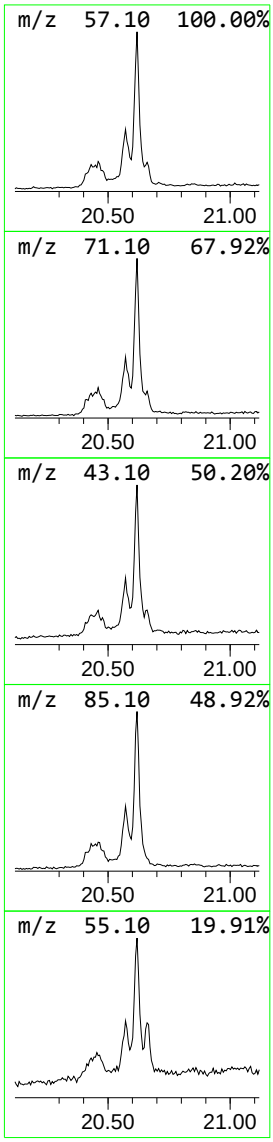
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Peak Number 3 Hexadecane, 1-iodo- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.619	3.04 ng	455030	Chrysene-d12	21.536

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	93
2	Eicosane, 9-octyl-	394	C28H58	013475-77-9	93
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Tetracosane	338	C24H50	000646-31-1	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026291.D
Acq On : 11 Dec 2025 13:45
Operator : RC/JU
Sample : PB170902BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170902BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.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
n-Hexadecanoic ...	18.042	2.1	ng	255207	4	17.090	2437570	20.0
Hexadecane, 1-i...	20.619	3.0	ng	455030	5	21.536	2998410	20.0

Raw Data: **BP026292.D**

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

Report of Analysis

Client:	Woodard & Curran			Date Collected:	
Project:	US EPA Riverside Industrial Park Superfund Site			Date Received:	
Client Sample ID:	PB170902BS			SDG No.:	Q3834
Lab Sample ID:	PB170902BS			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:	12/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	810		1	160	330	ug/Kg	12/11/25 14:26	PB170902
108-95-2	Phenol	1300		1	22.1	170	ug/Kg	12/11/25 14:26	PB170902
111-44-4	bis(2-Chloroethyl)ether	1300		1	24.3	170	ug/Kg	12/11/25 14:26	PB170902
95-57-8	2-Chlorophenol	1400		1	24.4	170	ug/Kg	12/11/25 14:26	PB170902
95-48-7	2-Methylphenol	1400		1	29.9	170	ug/Kg	12/11/25 14:26	PB170902
108-60-1	2,2-oxybis(1-Chloropropane)	1300		1	37.5	170	ug/Kg	12/11/25 14:26	PB170902
98-86-2	Acetophenone	1500		1	29.5	170	ug/Kg	12/11/25 14:26	PB170902
65794-96-9	3+4-Methylphenols	1300		1	41.1	330	ug/Kg	12/11/25 14:26	PB170902
621-64-7	n-Nitroso-di-n-propylamine	1300		1	47.4	79.9	ug/Kg	12/11/25 14:26	PB170902
67-72-1	Hexachloroethane	1400		1	17.6	170	ug/Kg	12/11/25 14:26	PB170902
98-95-3	Nitrobenzene	1400		1	18.3	170	ug/Kg	12/11/25 14:26	PB170902
78-59-1	Isophorone	1300		1	32.8	170	ug/Kg	12/11/25 14:26	PB170902
88-75-5	2-Nitrophenol	1500		1	58.1	170	ug/Kg	12/11/25 14:26	PB170902
105-67-9	2,4-Dimethylphenol	1400		1	64.7	170	ug/Kg	12/11/25 14:26	PB170902
111-91-1	bis(2-Chloroethoxy)methane	1300		1	30.8	170	ug/Kg	12/11/25 14:26	PB170902
120-83-2	2,4-Dichlorophenol	1500		1	28.3	170	ug/Kg	12/11/25 14:26	PB170902
91-20-3	Naphthalene	1300		1	22.7	170	ug/Kg	12/11/25 14:26	PB170902
106-47-8	4-Chloroaniline	840		1	35.4	170	ug/Kg	12/11/25 14:26	PB170902
87-68-3	Hexachlorobutadiene	1500		1	25.3	170	ug/Kg	12/11/25 14:26	PB170902
105-60-2	Caprolactam	1400		1	52.0	330	ug/Kg	12/11/25 14:26	PB170902
59-50-7	4-Chloro-3-methylphenol	1500		1	28.7	170	ug/Kg	12/11/25 14:26	PB170902
91-57-6	2-Methylnaphthalene	1200		1	25.6	170	ug/Kg	12/11/25 14:26	PB170902
77-47-4	Hexachlorocyclopentadiene	2300		1	120	330	ug/Kg	12/11/25 14:26	PB170902
88-06-2	2,4,6-Trichlorophenol	1500		1	19.8	170	ug/Kg	12/11/25 14:26	PB170902
95-95-4	2,4,5-Trichlorophenol	1500		1	29.1	170	ug/Kg	12/11/25 14:26	PB170902
92-52-4	1,1-Biphenyl	1500		1	21.8	170	ug/Kg	12/11/25 14:26	PB170902
91-58-7	2-Chloronaphthalene	1400		1	22.5	170	ug/Kg	12/11/25 14:26	PB170902
88-74-4	2-Nitroaniline	1400		1	48.1	170	ug/Kg	12/11/25 14:26	PB170902
131-11-3	Dimethylphthalate	1400		1	27.1	170	ug/Kg	12/11/25 14:26	PB170902
208-96-8	Acenaphthylene	1400		1	28.9	170	ug/Kg	12/11/25 14:26	PB170902
606-20-2	2,6-Dinitrotoluene	1600		1	33.6	170	ug/Kg	12/11/25 14:26	PB170902
99-09-2	3-Nitroaniline	1100		1	46.0	170	ug/Kg	12/11/25 14:26	PB170902
83-32-9	Acenaphthene	1300		1	21.3	170	ug/Kg	12/11/25 14:26	PB170902
51-28-5	2,4-Dinitrophenol	3500	E	1	230	330	ug/Kg	12/11/25 14:26	PB170902
100-02-7	4-Nitrophenol	2700	E	1	110	330	ug/Kg	12/11/25 14:26	PB170902
132-64-9	Dibenzofuran	1400		1	22.7	170	ug/Kg	12/11/25 14:26	PB170902
121-14-2	2,4-Dinitrotoluene	1500		1	50.0	170	ug/Kg	12/11/25 14:26	PB170902
84-66-2	Diethylphthalate	1500		1	28.3	170	ug/Kg	12/11/25 14:26	PB170902
7005-72-3	4-Chlorophenyl-phenylether	1400		1	26.7	170	ug/Kg	12/11/25 14:26	PB170902
86-73-7	Fluorene	1400		1	25.3	170	ug/Kg	12/11/25 14:26	PB170902
100-01-6	4-Nitroaniline	1300		1	64.1	170	ug/Kg	12/11/25 14:26	PB170902
534-52-1	4,6-Dinitro-2-methylphenol	1600		1	100	330	ug/Kg	12/11/25 14:26	PB170902

Raw Data: **BP026292.D**

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

Report of Analysis

Client:	Woodard & Curran			Date Collected:	
Project:	US EPA Riverside Industrial Park Superfund Site			Date Received:	
Client Sample ID:	PB170902BS			SDG No.:	Q3834
Lab Sample ID:	PB170902BS			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:	12/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1400		1	32.9	170	ug/Kg	12/11/25 14:26	PB170902
101-55-3	4-Bromophenyl-phenylether	1500		1	27.8	170	ug/Kg	12/11/25 14:26	PB170902
118-74-1	Hexachlorobenzene	1500		1	25.3	170	ug/Kg	12/11/25 14:26	PB170902
1912-24-9	Atrazine	1500		1	34.0	170	ug/Kg	12/11/25 14:26	PB170902
87-86-5	Pentachlorophenol	3100	E	1	51.2	330	ug/Kg	12/11/25 14:26	PB170902
85-01-8	Phenanthrene	1400		1	20.9	170	ug/Kg	12/11/25 14:26	PB170902
120-12-7	Anthracene	1400		1	33.3	170	ug/Kg	12/11/25 14:26	PB170902
86-74-8	Carbazole	1400		1	31.2	170	ug/Kg	12/11/25 14:26	PB170902
84-74-2	Di-n-butylphthalate	1500		1	47.9	170	ug/Kg	12/11/25 14:26	PB170902
206-44-0	Fluoranthene	1400		1	30.0	170	ug/Kg	12/11/25 14:26	PB170902
129-00-0	Pyrene	1500		1	36.0	170	ug/Kg	12/11/25 14:26	PB170902
85-68-7	Butylbenzylphthalate	1500		1	71.3	170	ug/Kg	12/11/25 14:26	PB170902
91-94-1	3,3-Dichlorobenzidine	1200		1	36.7	330	ug/Kg	12/11/25 14:26	PB170902
56-55-3	Benzo(a)anthracene	1400		1	23.0	170	ug/Kg	12/11/25 14:26	PB170902
218-01-9	Chrysene	1400		1	19.9	170	ug/Kg	12/11/25 14:26	PB170902
117-81-7	Bis(2-ethylhexyl)phthalate	1400		1	59.1	170	ug/Kg	12/11/25 14:26	PB170902
117-84-0	Di-n-octyl phthalate	1500		1	86.7	330	ug/Kg	12/11/25 14:26	PB170902
205-99-2	Benzo(b)fluoranthene	1600		1	19.0	170	ug/Kg	12/11/25 14:26	PB170902
207-08-9	Benzo(k)fluoranthene	1600		1	22.4	170	ug/Kg	12/11/25 14:26	PB170902
50-32-8	Benzo(a)pyrene	1600		1	29.5	170	ug/Kg	12/11/25 14:26	PB170902
193-39-5	Indeno(1,2,3-cd)pyrene	1600		1	29.1	170	ug/Kg	12/11/25 14:26	PB170902
53-70-3	Dibenzo(a,h)anthracene	1600		1	27.4	170	ug/Kg	12/11/25 14:26	PB170902
191-24-2	Benzo(g,h,i)perylene	1600		1	25.7	170	ug/Kg	12/11/25 14:26	PB170902
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		1	25.6	170	ug/Kg	12/11/25 14:26	PB170902
123-91-1	1,4-Dioxane	1200		1	45.2	170	ug/Kg	12/11/25 14:26	PB170902
58-90-2	2,3,4,6-Tetrachlorophenol	1600		1	27.4	170	ug/Kg	12/11/25 14:26	PB170902
SURROGATES									
367-12-4	2-Fluorophenol	117			30 (10) - 130 (105)	78%	SPK: 150		
13127-88-3	Phenol-d6	113			30 (10) - 130 (103)	75%	SPK: 150		
4165-60-0	Nitrobenzene-d5	76.2			30 (10) - 130 (108)	76%	SPK: 100		
321-60-8	2-Fluorobiphenyl	79.0			30 (10) - 130 (108)	79%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	134			30 (10) - 130 (116)	89%	SPK: 150		
1718-51-0	Terphenyl-d14	84.2			30 (10) - 130 (109)	84%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	233000							
1146-65-2	Naphthalene-d8	920000							
15067-26-2	Acenaphthene-d10	594000							
1517-22-2	Phenanthrene-d10	1210000							
1719-03-5	Chrysene-d12	1300000							
1520-96-3	Perylene-d12	1380000							

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

Report of Analysis

Client:	Woodard & Curran			Date Collected:	
Project:	US EPA Riverside Industrial Park Superfund Site			Date Received:	
Client Sample ID:	PB170902BS			SDG No.:	Q3834
Lab Sample ID:	PB170902BS			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:	12/11/25		

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_P\Data\BP121125\
Data File : BP026292.D
Acq On : 11 Dec 2025 14:26
Operator : RC/JU
Sample : PB170902BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 11 14:49:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 05 14:52:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB170902BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.649	152	232526	20.000	ng	0.00
21) Naphthalene-d8	10.413	136	920282	20.000	ng	0.00
39) Acenaphthene-d10	14.284	164	594254	20.000	ng	0.00
64) Phenanthrene-d10	17.095	188	1205040	20.000	ng	0.00
76) Chrysene-d12	21.536	240	1295183	20.000	ng	0.00
86) Perylene-d12	24.830	264	1383311	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	1687331	116.662	ng	0.00
7) Phenol-d6	6.837	99	2066957	113.216	ng	0.00
23) Nitrobenzene-d5	8.790	82	1232322	76.220	ng	0.00
42) 2,4,6-Tribromophenol	15.807	330	1032403	133.591	ng	0.00
45) 2-Fluorobiphenyl	12.895	172	3230605	79.039	ng	0.00
79) Terphenyl-d14	19.830	244	5337857	84.236	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.208	88	208614	35.470	ng	97
3) Pyridine	3.602	79	487935	28.887	ng	98
4) n-Nitrosodimethylamine	3.508	42	250036	39.695	ng	97
6) Aniline	6.984	93	609105	25.425	ng	98
8) 2-Chlorophenol	7.219	128	690591	42.019	ng	99
9) Benzaldehyde	6.802	77	238823	24.265	ng	96
10) Phenol	6.866	94	793784	40.420	ng	97
11) bis(2-Chloroethyl)ether	7.078	93	598107	38.845	ng	97
12) 1,3-Dichlorobenzene	7.537	146	716735	40.301	ng	99
13) 1,4-Dichlorobenzene	7.684	146	740950	41.344	ng	99
14) 1,2-Dichlorobenzene	7.996	146	712188	41.399	ng	99
15) Benzyl Alcohol	7.884	79	554136	41.753	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.172	45	827308	38.498	ng	98
17) 2-Methylphenol	8.090	107	547668	41.090	ng	98
18) Hexachloroethane	8.713	117	269989	41.473	ng	97
19) n-Nitroso-di-n-propyla...	8.443	70	435739	38.719	ng	98
20) 3+4-Methylphenols	8.413	107	743274	40.384	ng	98
22) Acetophenone	8.454	105	1033667	44.281	ng	100
24) Nitrobenzene	8.825	77	662766	40.554	ng	98
25) Isophorone	9.354	82	1281047	40.386	ng	99
26) 2-Nitrophenol	9.531	139	364181	44.075	ng	98
27) 2,4-Dimethylphenol	9.601	122	608295	41.594	ng	98
28) bis(2-Chloroethoxy)met...	9.825	93	790858	39.672	ng	100
29) 2,4-Dichlorophenol	10.066	162	651994	43.746	ng	100
30) 1,2,4-Trichlorobenzene	10.278	180	687954	44.904	ng	98
31) Naphthalene	10.460	128	1989005	39.978	ng	99
32) Benzoic acid	9.748	122	554328	47.316	ng	98
33) 4-Chloroaniline	10.566	127	523438	25.113	ng	99
34) Hexachlorobutadiene	10.748	225	443049	44.291	ng	99
35) Caprolactam	11.354	113	219555	41.716	ng	97
36) 4-Chloro-3-methylphenol	11.707	107	687614	43.848	ng	99
37) 2-Methylnaphthalene	12.078	142	1302263	37.139	ng	98
38) 1-Methylnaphthalene	12.295	142	1344946	39.260	ng	100
40) 1,2,4,5-Tetrachloroben...	12.448	216	861774	47.506	ng	100
41) Hexachlorocyclopentadiene	12.431	237	770095	68.056	ng	98
43) 2,4,6-Trichlorophenol	12.695	196	549684	44.586	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026292.D
Acq On : 11 Dec 2025 14:26
Operator : RC/JU
Sample : PB170902BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 11 14:49:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 05 14:52:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB170902BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.766	196	612208	44.586	ng	99
46) 1,1'-Biphenyl	13.095	154	2054017	45.775	ng	99
47) 2-Chloronaphthalene	13.142	162	1465985	41.467	ng	99
48) 2-Nitroaniline	13.342	65	420815	43.459	ng	98
49) Acenaphthylene	14.001	152	2437814	42.020	ng	100
50) Dimethylphthalate	13.736	163	1903711	42.993	ng	100
51) 2,6-Dinitrotoluene	13.848	165	422228	48.252	ng	99
52) Acenaphthene	14.348	154	1366117	40.271	ng	99
53) 3-Nitroaniline	14.178	138	342954	33.528	ng	99
54) 2,4-Dinitrophenol	14.395	184	494634	106.025	ng	97
55) Dibenzofuran	14.695	168	2226562	42.205	ng	99
56) 4-Nitrophenol	14.507	139	746694	81.753	ng	95
57) 2,4-Dinitrotoluene	14.660	165	601915	46.240	ng	95
58) Fluorene	15.360	166	1793341	42.970	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.925	232	548444	47.190	ng	99
60) Diethylphthalate	15.131	149	1949271	43.891	ng	99
61) 4-Chlorophenyl-phenyle...	15.354	204	901356	43.315	ng	98
62) 4-Nitroaniline	15.372	138	424477	39.985	ng	95
63) Azobenzene	15.654	77	1597141	42.768	ng	98
65) 4,6-Dinitro-2-methylph...	15.436	198	349995	49.175	ng	98
66) n-Nitrosodiphenylamine	15.566	169	1611186	43.244	ng	100
67) 4-Bromophenyl-phenylether	16.266	248	597637	44.735	ng	98
68) Hexachlorobenzene	16.389	284	703104	45.285	ng	97
69) Atrazine	16.554	200	614620	43.874	ng	98
70) Pentachlorophenol	16.742	266	990390	91.950	ng	99
71) Phenanthrene	17.142	178	2901627	42.713	ng	100
72) Anthracene	17.230	178	2941177	42.507	ng	99
73) Carbazole	17.513	167	2748952	41.966	ng	99
74) Di-n-butylphthalate	18.119	149	3451836	44.604	ng	99
75) Fluoranthene	19.224	202	3538715	42.802	ng	99
77) Benzidine	19.430	184	547397	13.461	ng	99
78) Pyrene	19.601	202	3698426	43.820	ng	99
80) Butylbenzylphthalate	20.571	149	1633360	44.096	ng	95
81) Benzo(a)anthracene	21.518	228	3746470	42.168	ng	100
82) 3,3'-Dichlorobenzidine	21.442	252	1117297	34.564	ng	99
83) Chrysene	21.583	228	3548044	42.176	ng	99
84) Bis(2-ethylhexyl)phtha...	21.471	149	2422723	43.482	ng	99
85) Di-n-octyl phthalate	22.742	149	4279067	43.562	ng	98
87) Indeno(1,2,3-cd)pyrene	28.577	276	4910361m	46.969	ng	
88) Benzo(b)fluoranthene	23.795	252	3933450	46.787	ng	99
89) Benzo(k)fluoranthene	23.865	252	4037865	48.014	ng	100
90) Benzo(a)pyrene	24.683	252	3810270	47.796	ng	99
91) Dibenzo(a,h)anthracene	28.671	278	4096804	47.910	ng	98
92) Benzo(g,h,i)perylene	29.736	276	4019918	47.158	ng	98

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

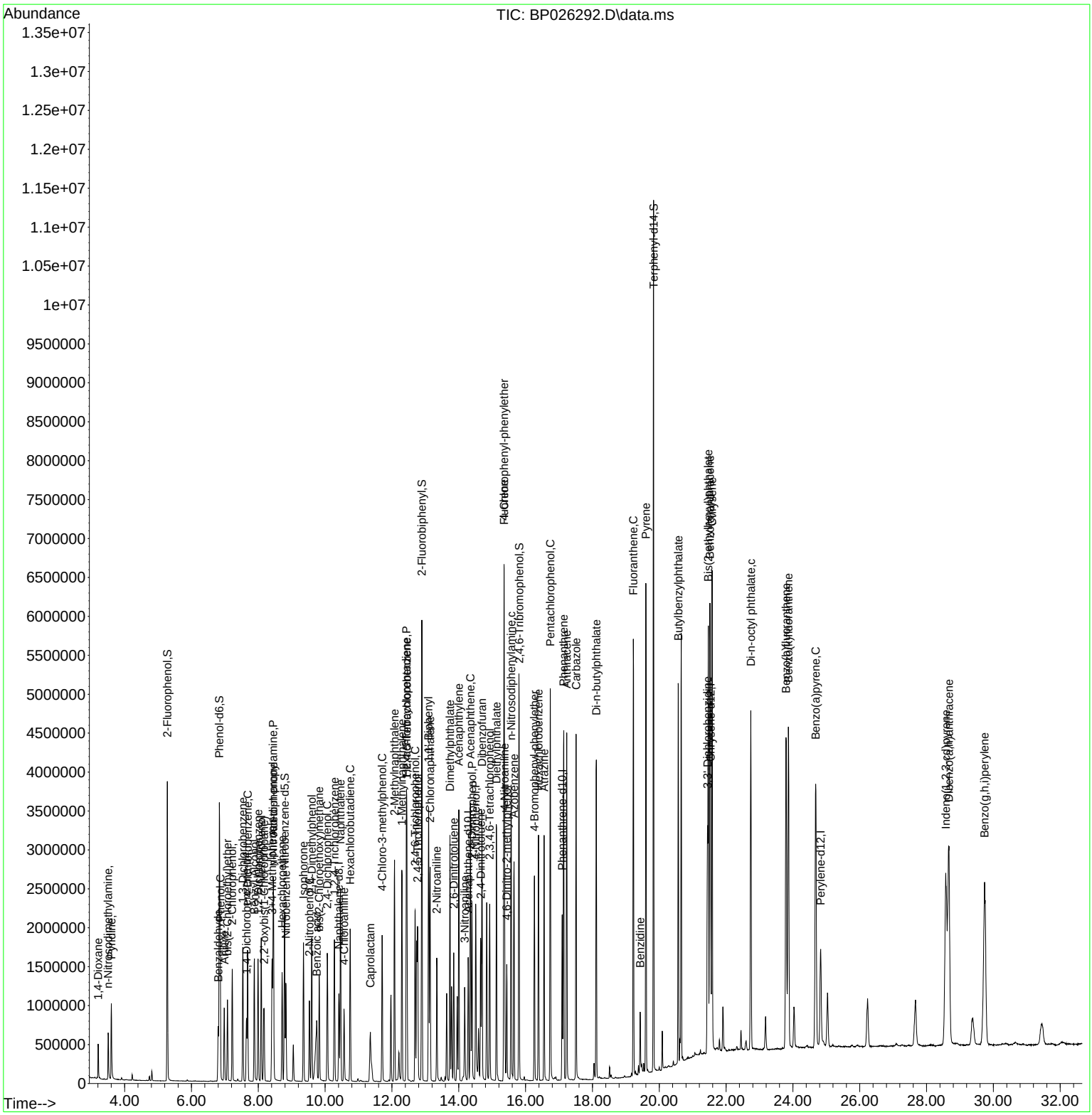
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Data File : BP026292.D
Acq On : 11 Dec 2025 14:26
Operator : RC/JU
Sample : PB170902BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

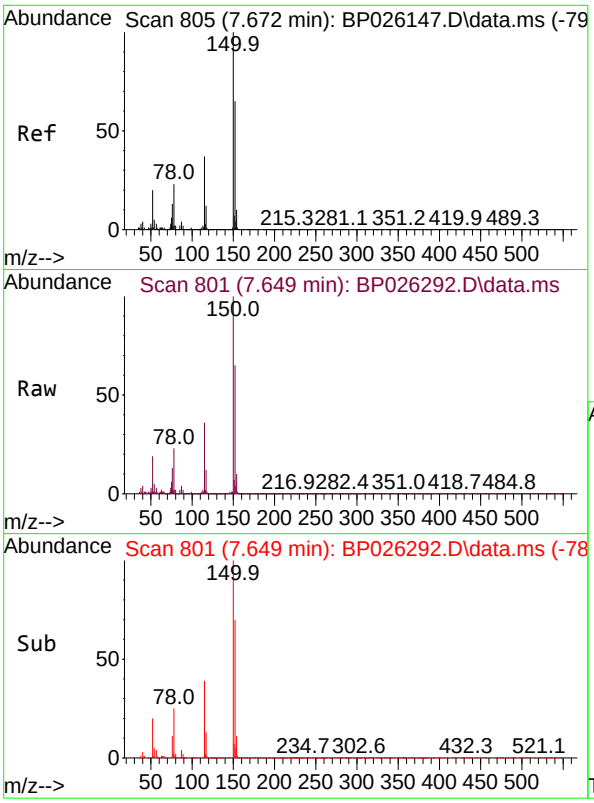
Quant Time: Dec 11 14:49:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 05 14:52:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB170902BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

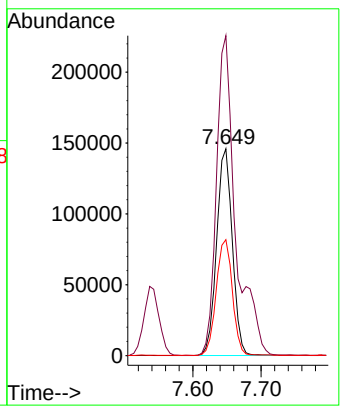




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.649 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:152 Resp: 23252

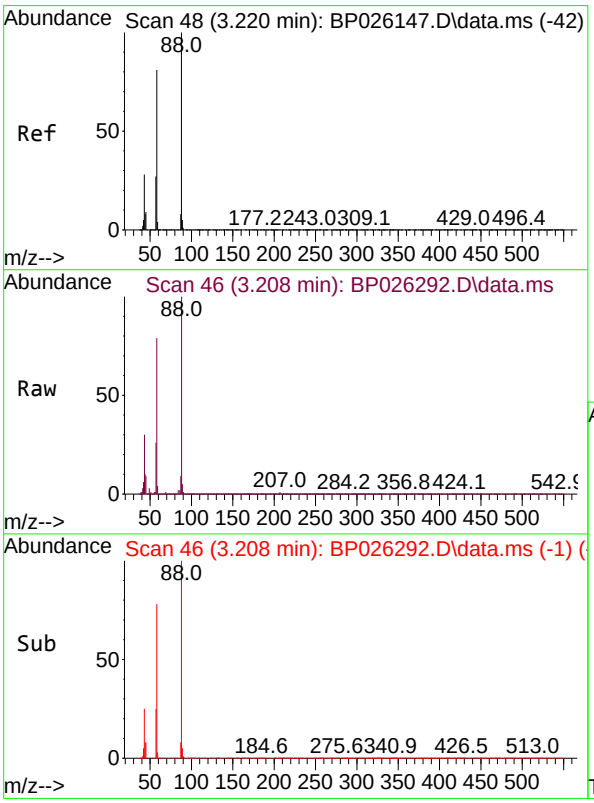
Ion	Ratio	Lower	Upper
152	100		
150	154.8	123.0	184.6
115	56.1	46.3	69.5



Instrument :
BNA_P
ClientSampleId :
PB170902BS

Manual Integrations
APPROVED

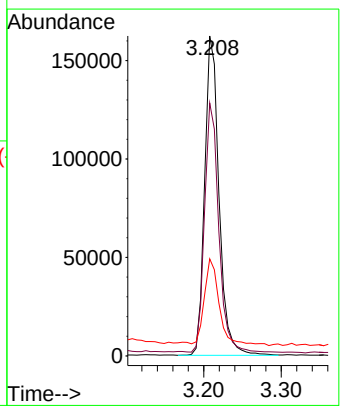
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

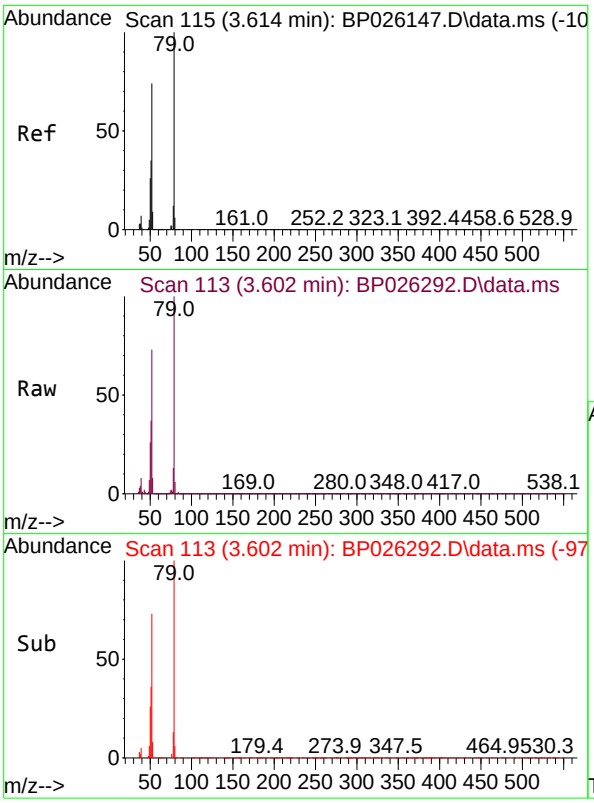


#2
1,4-Dioxane
Concen: 35.470 ng
RT: 3.208 min Scan# 46
Delta R.T. -0.006 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion: 88 Resp: 208614

Ion	Ratio	Lower	Upper
88	100		
58	77.3	64.2	96.4
43	28.7	21.5	32.3

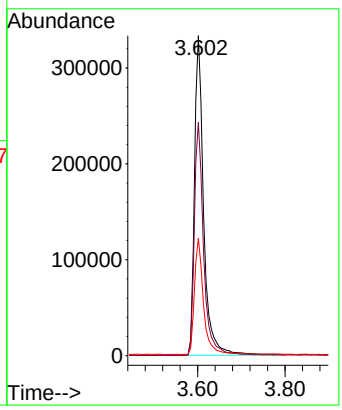




#3
Pyridine
Concen: 28.887 ng
RT: 3.602 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion: 79 Resp: 48793

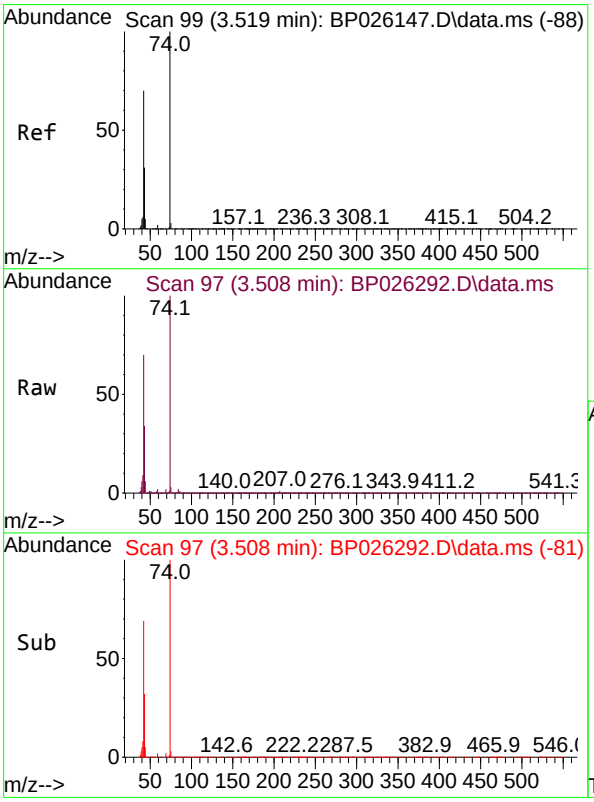
Ion	Ratio	Lower	Upper
79	100		
52	72.9	60.2	90.2
51	36.7	29.5	44.3



Instrument :
BNA_P
ClientSampleId :
PB170902BS

Manual Integrations
APPROVED

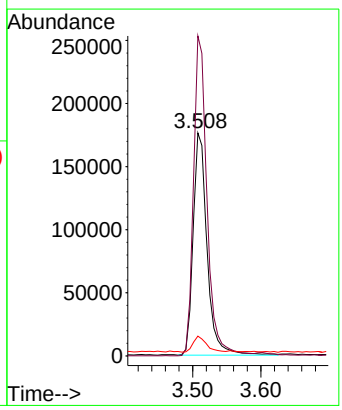
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

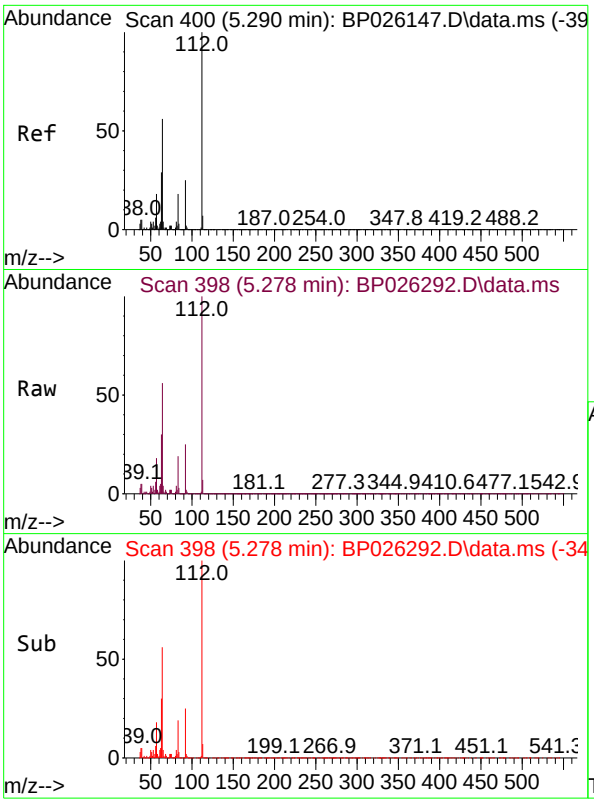


#4
n-Nitrosodimethylamine
Concen: 39.695 ng
RT: 3.508 min Scan# 97
Delta R.T. -0.006 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion: 42 Resp: 250036

Ion	Ratio	Lower	Upper
42	100		
74	143.5	118.1	177.1
44	8.8	6.2	9.4

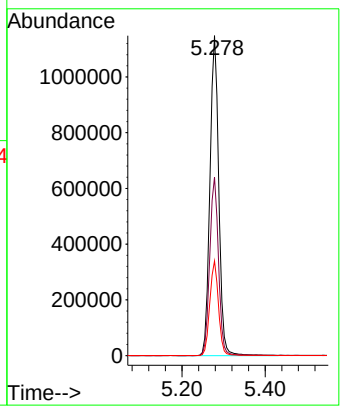




#5
2-Fluorophenol
Concen: 116.662 ng
RT: 5.278 min Scan# 39
Delta R.T. -0.000 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:112 Resp: 168733

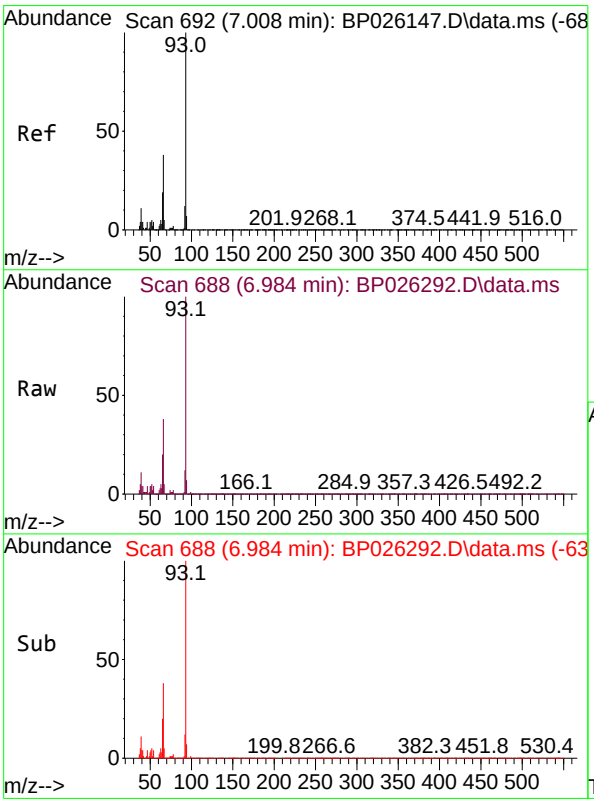
Ion	Ratio	Lower	Upper
112	100		
64	55.8	45.8	68.6
63	29.6	23.5	35.3



Instrument :
BNA_P
ClientSampleId :
PB170902BS

Manual Integrations
APPROVED

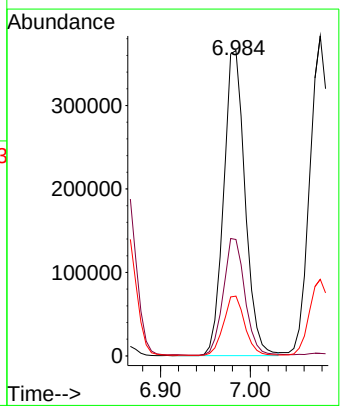
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

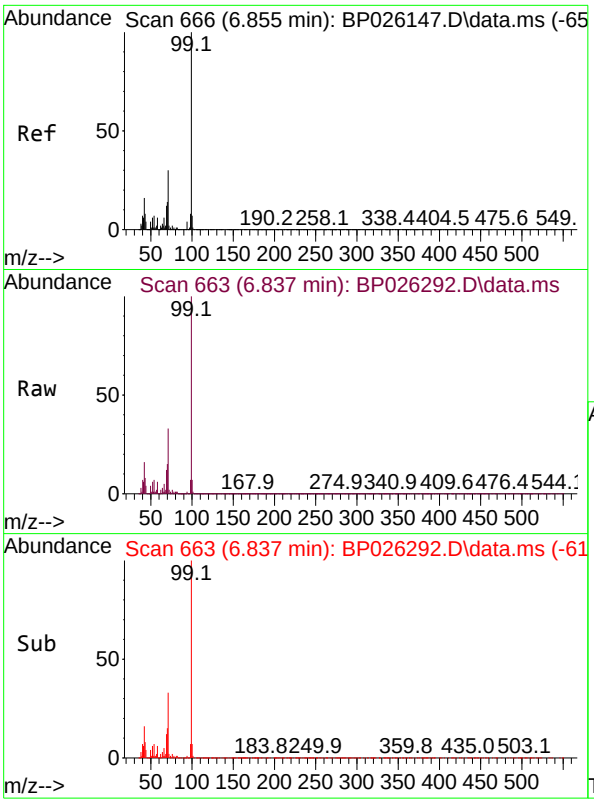


#6
Aniline
Concen: 25.425 ng
RT: 6.984 min Scan# 688
Delta R.T. -0.006 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion: 93 Resp: 609105

Ion	Ratio	Lower	Upper
93	100		
66	38.1	31.7	47.5
65	19.6	15.8	23.6

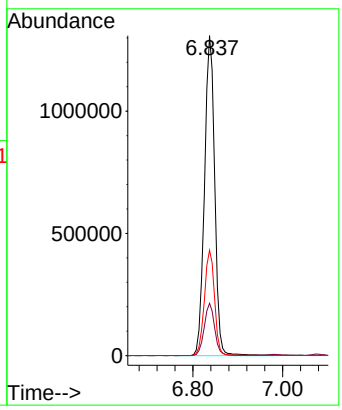




#7
Phenol-d6
Concen: 113.216 ng
RT: 6.837 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion: 99 Resp: 206695

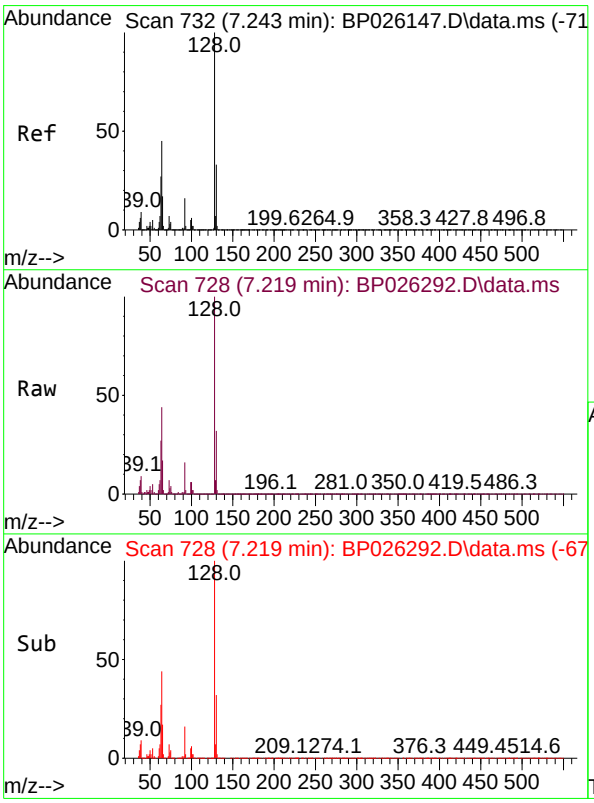
Ion	Ratio	Lower	Upper
99	100		
42	16.3	12.9	19.3
71	33.0	24.8	37.2



Instrument :
BNA_P
ClientSampleId :
PB170902BS

Manual Integrations
APPROVED

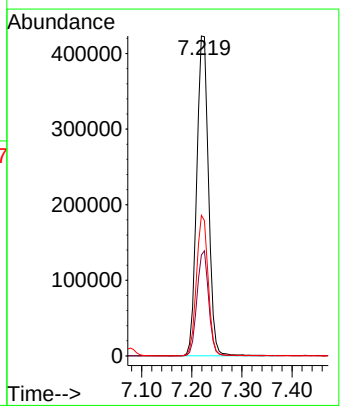
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

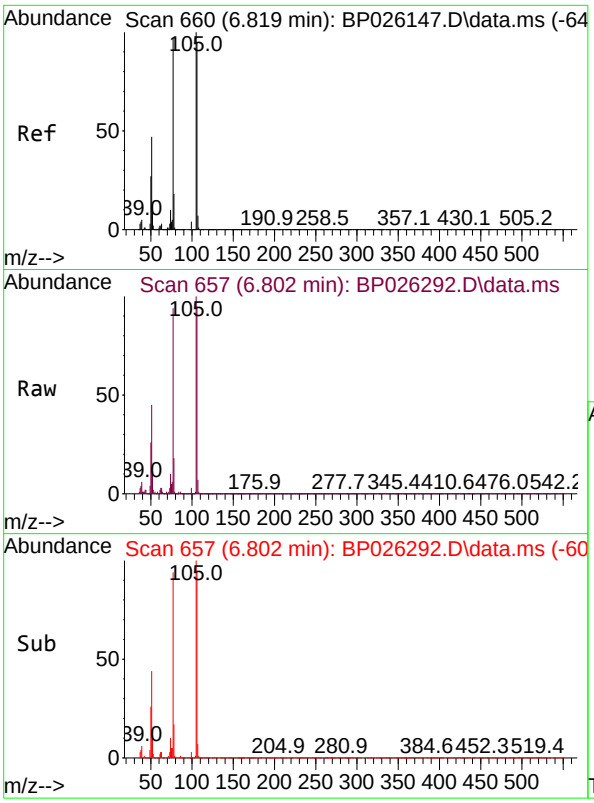


#8
2-Chlorophenol
Concen: 42.019 ng
RT: 7.219 min Scan# 728
Delta R.T. -0.006 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:128 Resp: 690591

Ion	Ratio	Lower	Upper
128	100		
130	31.5	12.4	52.4
64	43.9	23.9	63.9

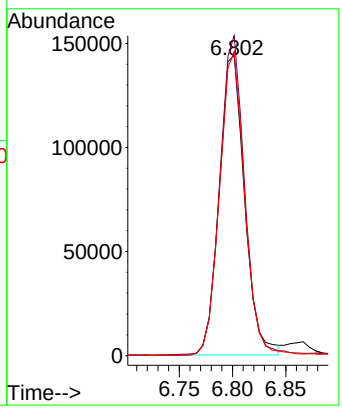




#9
Benzaldehyde
Concen: 24.265 ng
RT: 6.802 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion: 77 Resp: 23882

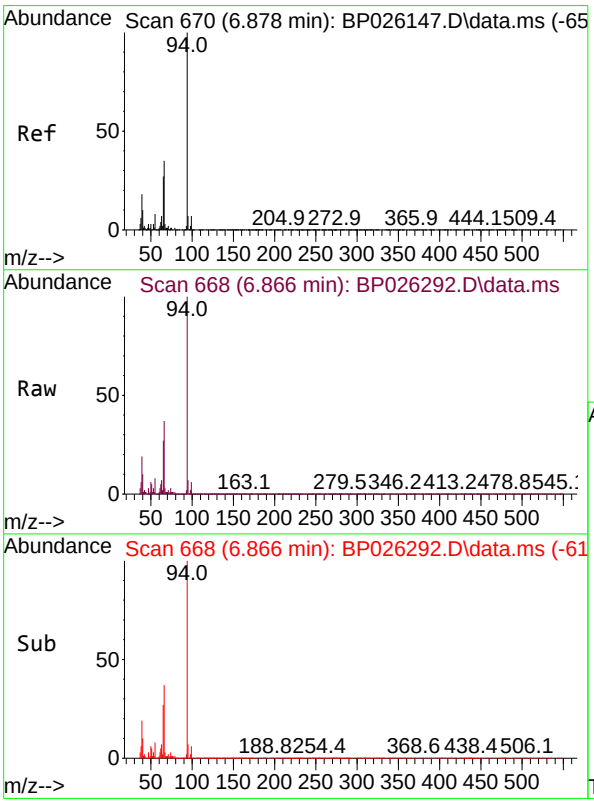
Ion	Ratio	Lower	Upper
77	100		
105	106.6	82.9	122.9
106	101.3	77.8	117.8



Instrument :
BNA_P
ClientSampleId :
PB170902BS

Manual Integrations
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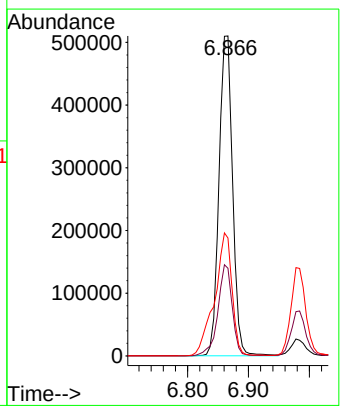
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

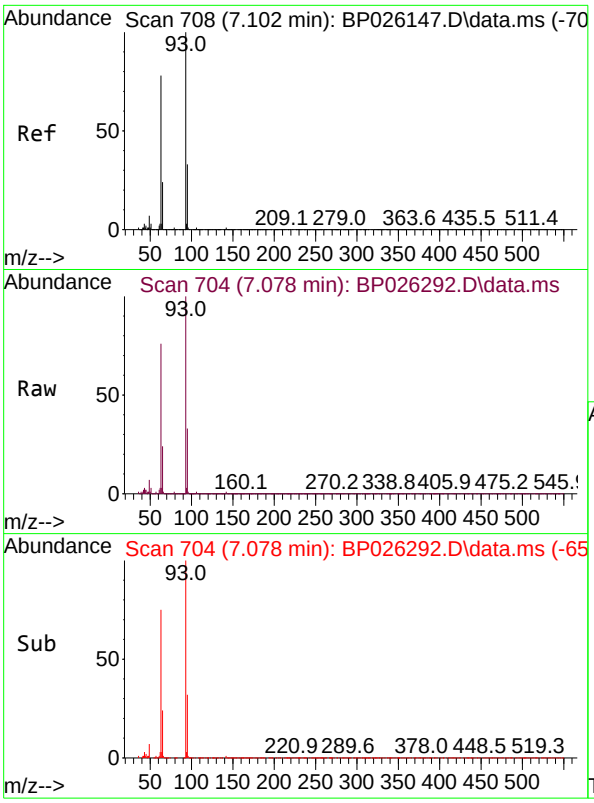


#10
Phenol
Concen: 40.420 ng
RT: 6.866 min Scan# 668
Delta R.T. -0.000 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion: 94 Resp: 793784

Ion	Ratio	Lower	Upper
94	100		
65	27.4	7.0	47.0
66	36.8	14.5	54.5

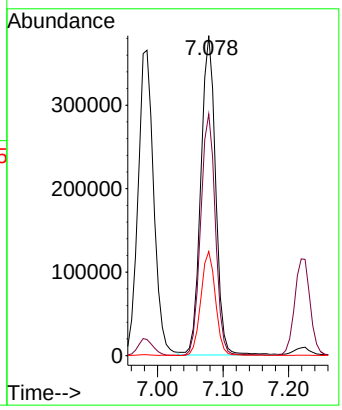




#11
bis(2-Chloroethyl)ether
Concen: 38.845 ng
RT: 7.078 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion: 93 Resp: 59810

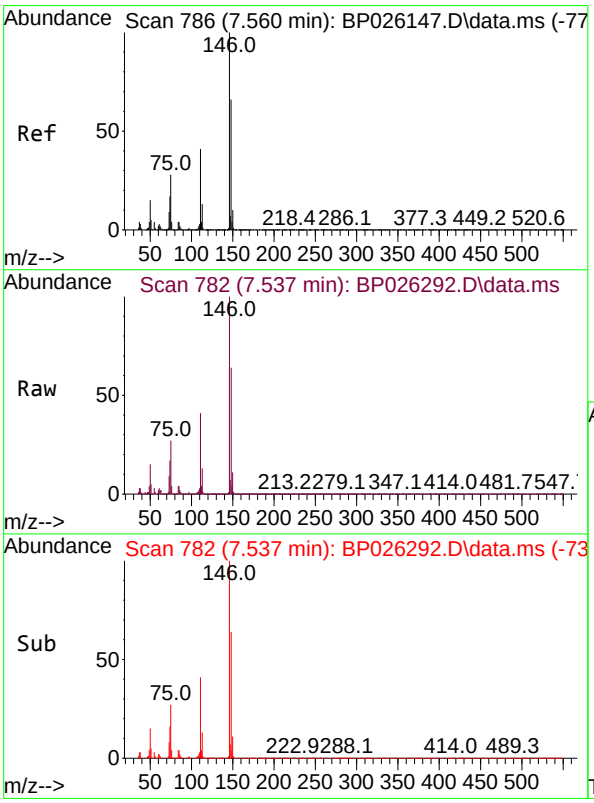
Ion	Ratio	Lower	Upper
93	100		
63	75.5	58.8	98.8
95	32.5	12.1	52.1



Instrument :
BNA_P
ClientSampleId :
PB170902BS

Manual Integrations
APPROVED

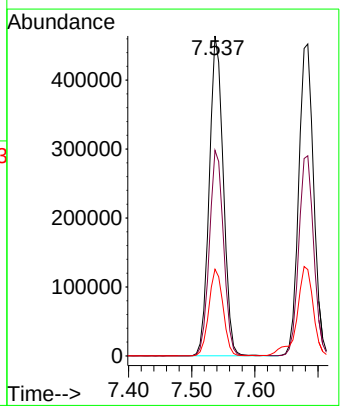
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

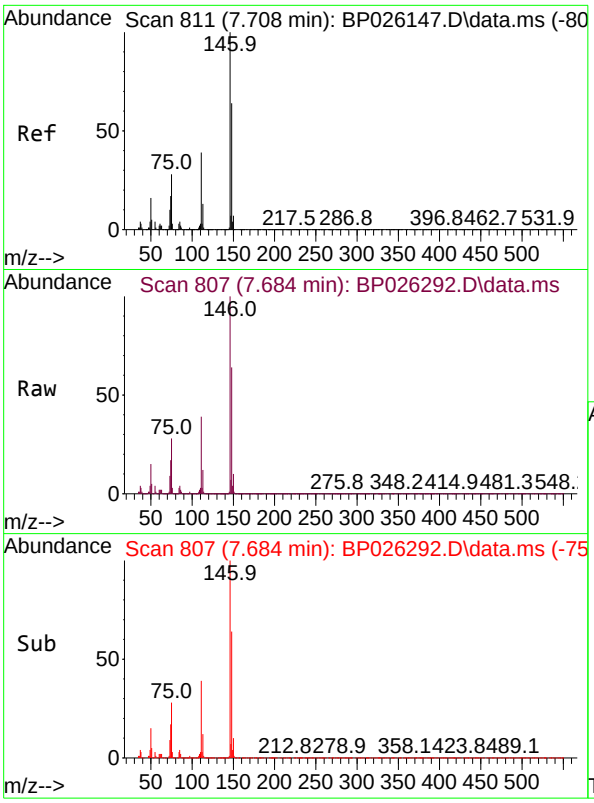


#12
1,3-Dichlorobenzene
Concen: 40.301 ng
RT: 7.537 min Scan# 782
Delta R.T. -0.012 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:146 Resp: 716735

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.8	77.8
75	27.1	22.2	33.2

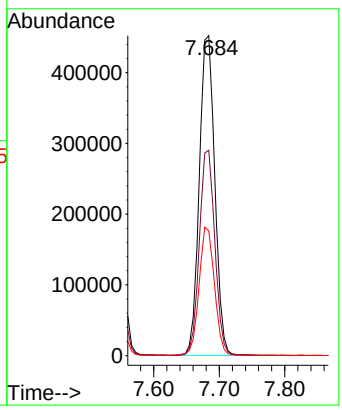




#13
1,4-Dichlorobenzene
Concen: 41.344 ng
RT: 7.684 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:146 Resp: 74095

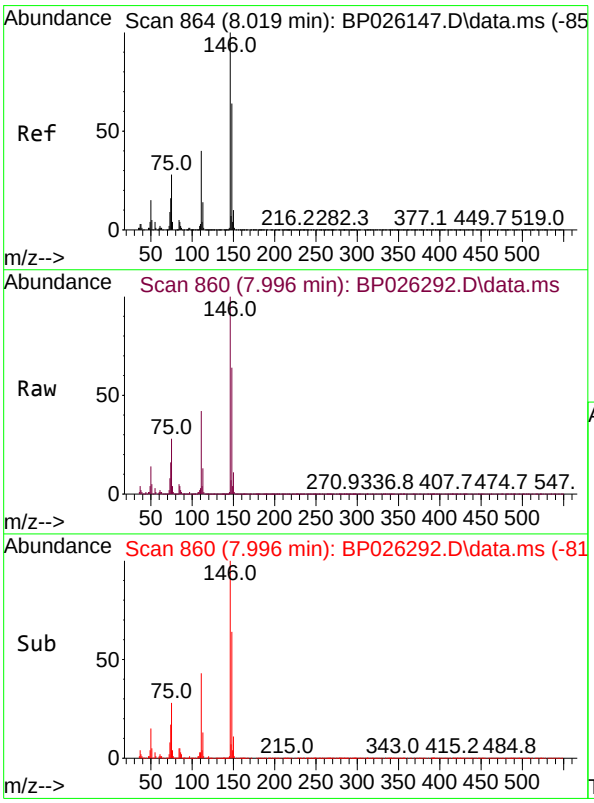
Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.4	77.2
111	39.0	31.7	47.5



Instrument :
BNA_P
ClientSampleId :
PB170902BS

Manual Integrations
APPROVED

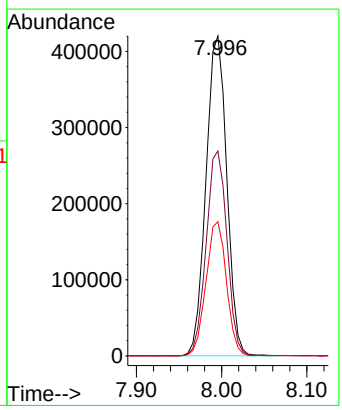
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

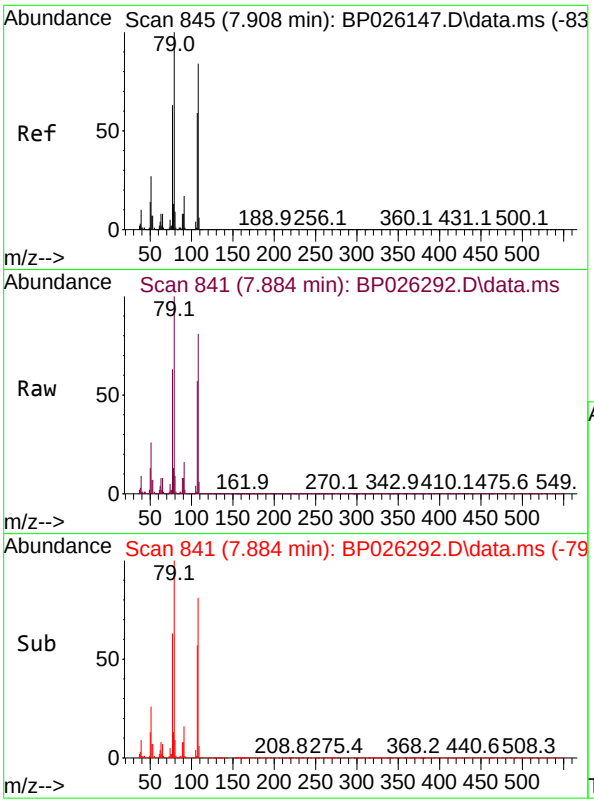


#14
1,2-Dichlorobenzene
Concen: 41.399 ng
RT: 7.996 min Scan# 860
Delta R.T. -0.006 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:146 Resp: 712188

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.0	76.6
111	41.9	33.0	49.4





#15
Benzyl Alcohol
Concen: 41.753 ng
RT: 7.884 min Scan# 84
Delta R.T. -0.006 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

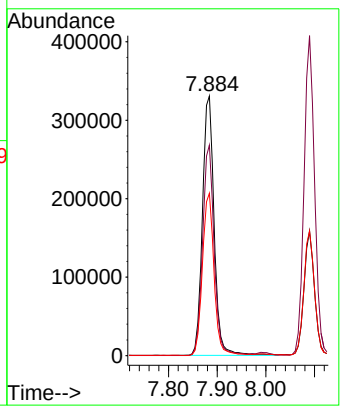
Tgt Ion: 79 Resp: 55413

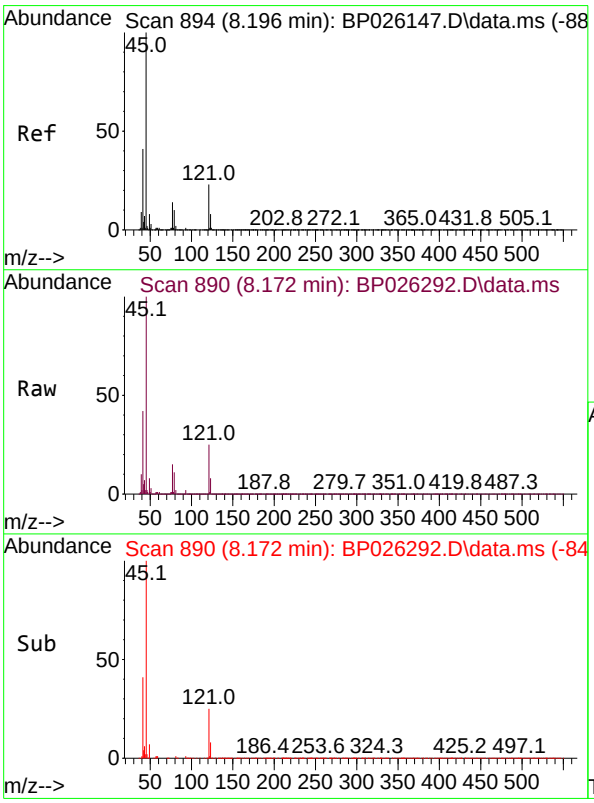
Ion	Ratio	Lower	Upper
79	100		
108	81.1	66.2	99.4
77	62.6	50.0	75.0

Instrument :
BNA_P
ClientSampleId :
PB170902BS

Manual Integrations
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Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

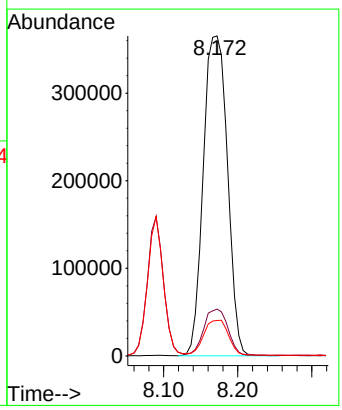


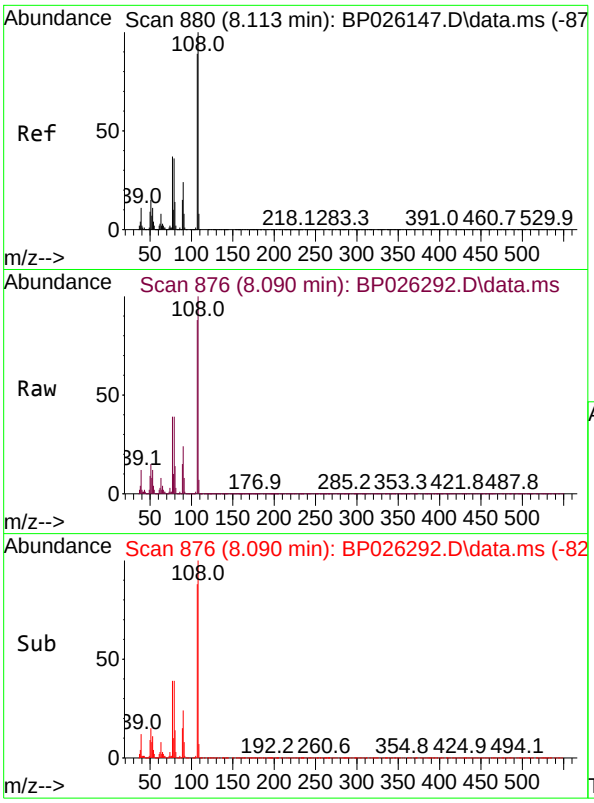


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.498 ng
RT: 8.172 min Scan# 890
Delta R.T. -0.006 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion: 45 Resp: 827308

Ion	Ratio	Lower	Upper
45	100		
77	14.6	0.0	33.9
79	11.1	0.0	30.4

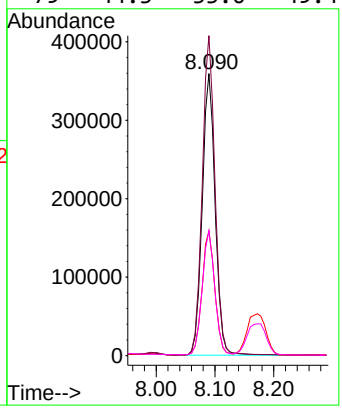




#17
2-Methylphenol
Concen: 41.090 ng
RT: 8.090 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:107 Resp: 54766

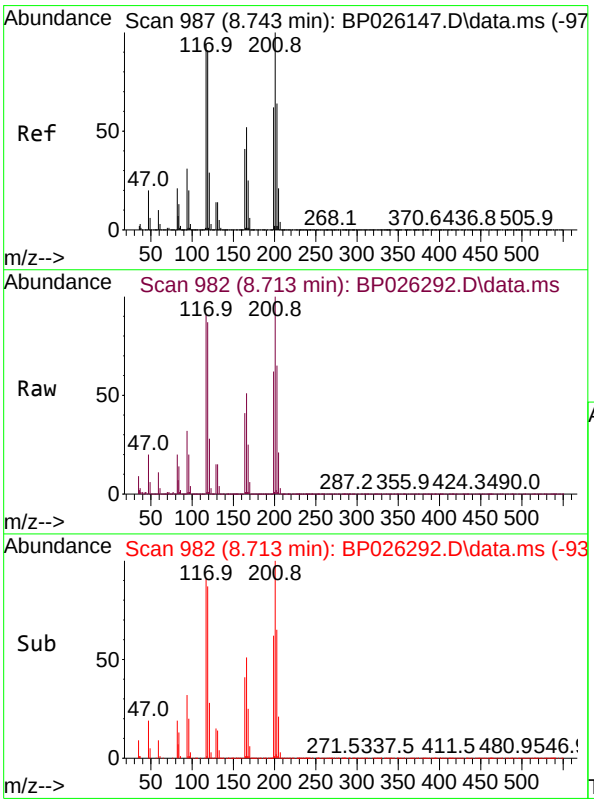
Ion	Ratio	Lower	Upper
107	100		
108	113.5	89.7	134.5
77	44.3	33.9	50.9
79	44.3	33.0	49.4



Instrument :
BNA_P
ClientSampleId :
PB170902BS

Manual Integrations
APPROVED

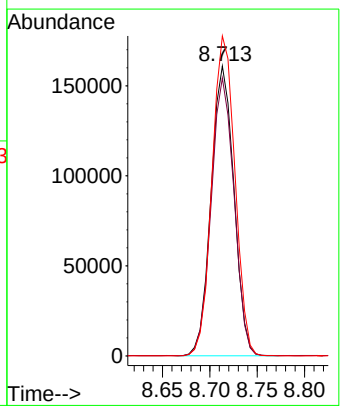
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

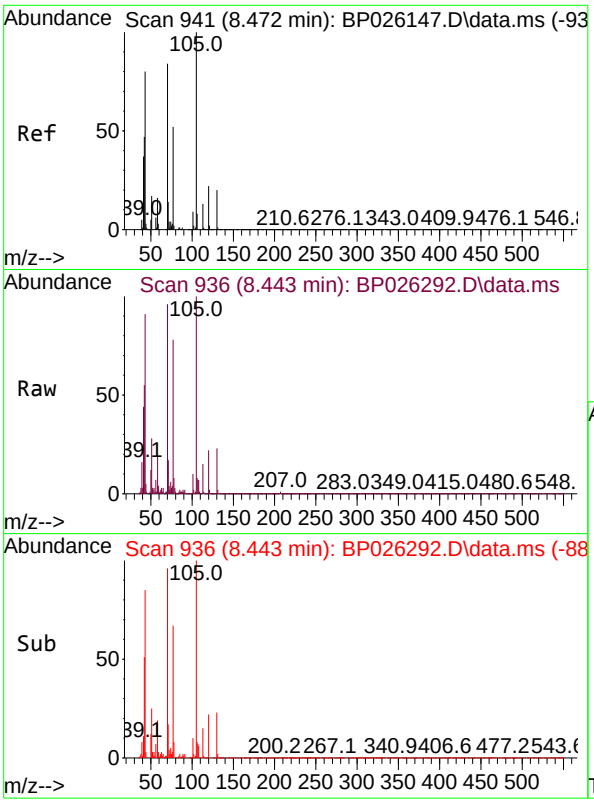


#18
Hexachloroethane
Concen: 41.473 ng
RT: 8.713 min Scan# 982
Delta R.T. -0.012 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:117 Resp: 269989

Ion	Ratio	Lower	Upper
117	100		
119	95.9	78.7	118.1
201	110.4	85.1	127.7

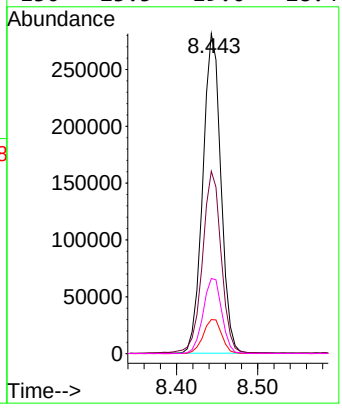




#19
n-Nitroso-di-n-propylamine
Concen: 38.719 ng
RT: 8.443 min Scan# 9
Delta R.T. -0.012 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion: 70 Resp: 43573

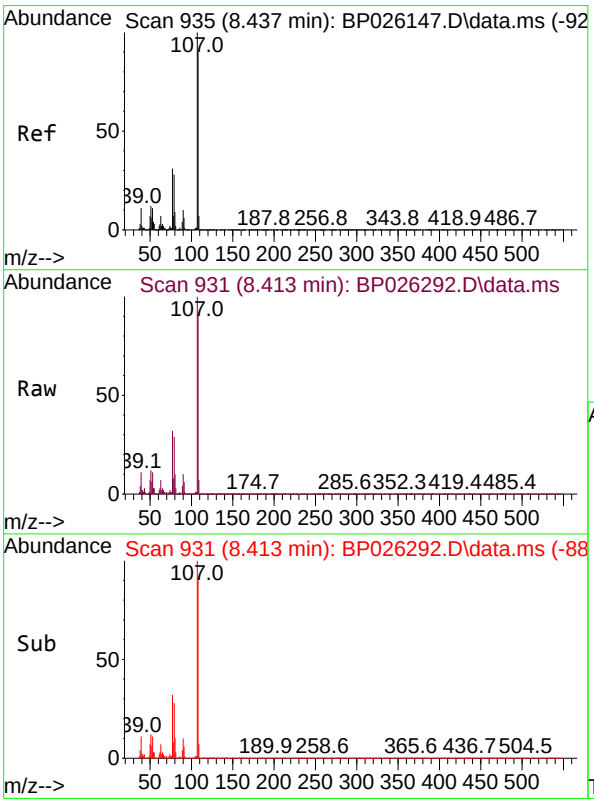
Ion	Ratio	Lower	Upper
70	100		
42	57.0	44.1	66.1
101	10.6	8.2	12.4
130	23.5	19.0	28.4



Instrument :
BNA_P
ClientSampleId :
PB170902BS

Manual Integrations
APPROVED

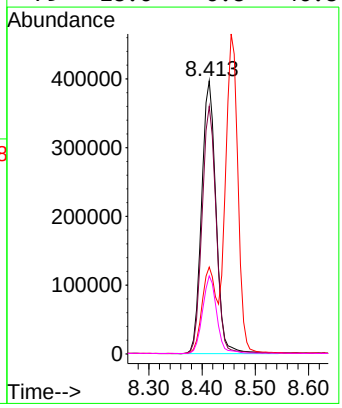
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

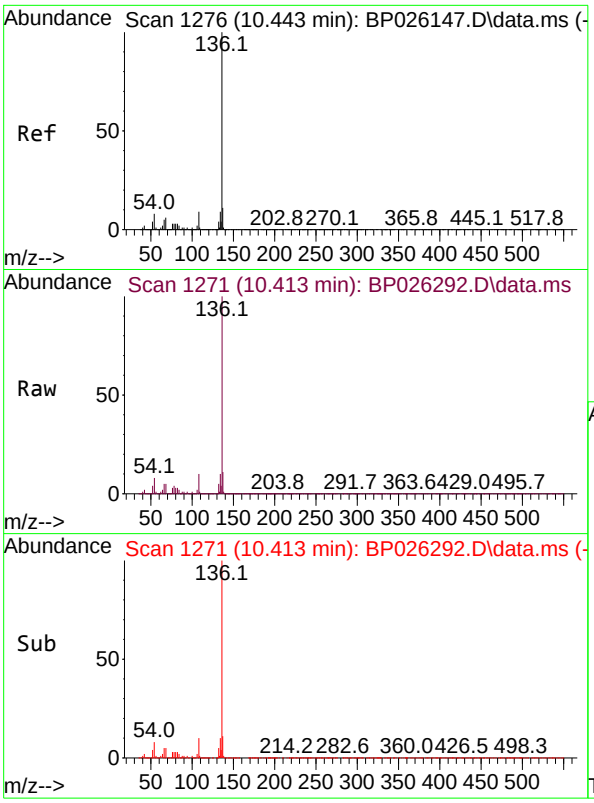


#20
3+4-Methylphenols
Concen: 40.384 ng
RT: 8.413 min Scan# 931
Delta R.T. -0.006 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:107 Resp: 743274

Ion	Ratio	Lower	Upper
107	100		
108	90.7	68.9	108.9
77	31.8	10.4	50.4
79	28.6	6.8	46.8

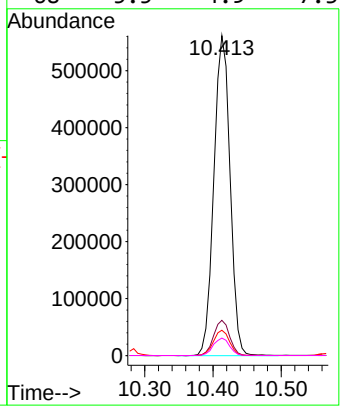




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.413 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:136 Resp: 92028

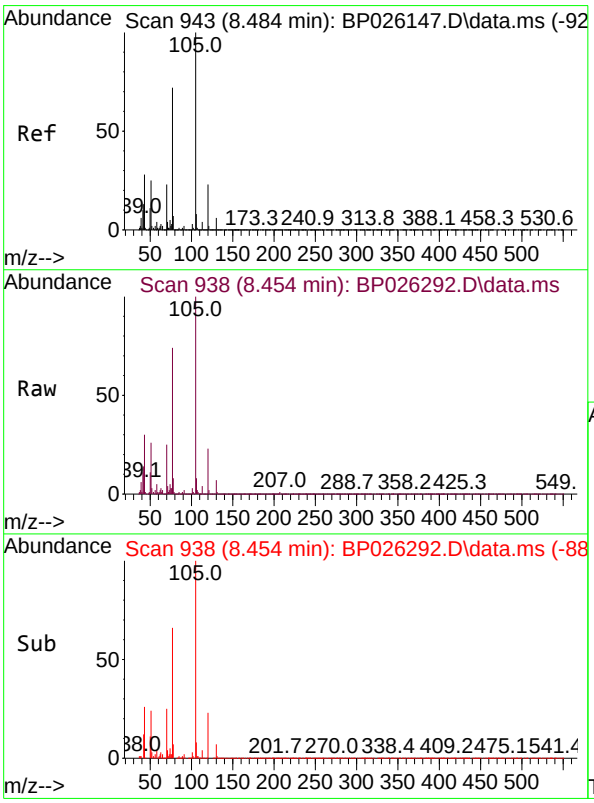
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.9	6.4	9.6
68	5.5	4.9	7.3



Instrument :
BNA_P
ClientSampleId :
PB170902BS

Manual Integrations
APPROVED

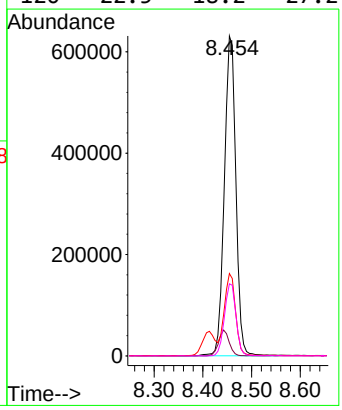
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

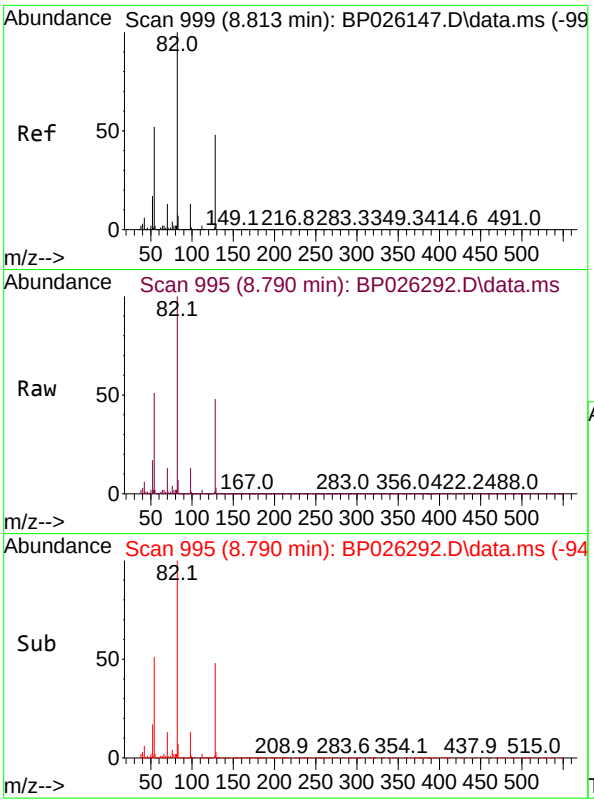


#22
Acetophenone
Concen: 44.281 ng
RT: 8.454 min Scan# 938
Delta R.T. -0.006 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:105 Resp: 1033667

Ion	Ratio	Lower	Upper
105	100		
71	4.1	3.0	4.4
51	25.7	20.5	30.7
120	22.5	18.2	27.2

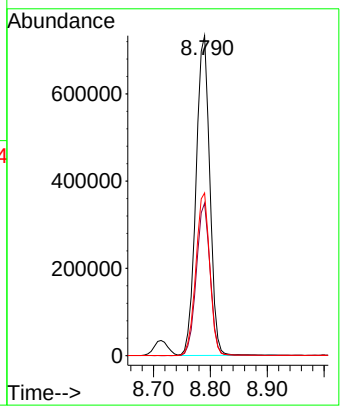




#23
Nitrobenzene-d5
Concen: 76.220 ng
RT: 8.790 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion: 82 Resp: 123232

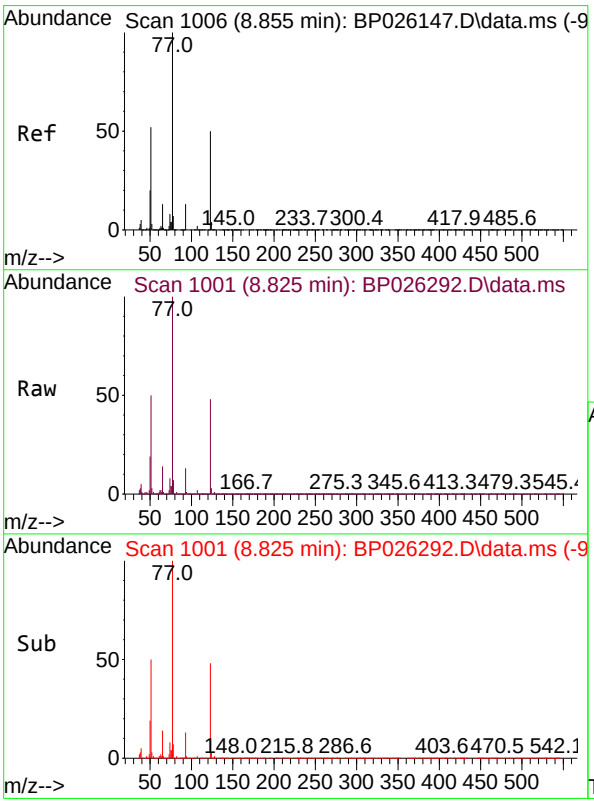
Ion	Ratio	Lower	Upper
82	100		
128	47.6	37.4	56.0
54	50.8	41.6	62.4



Instrument :
BNA_P
ClientSampleId :
PB170902BS

Manual Integrations
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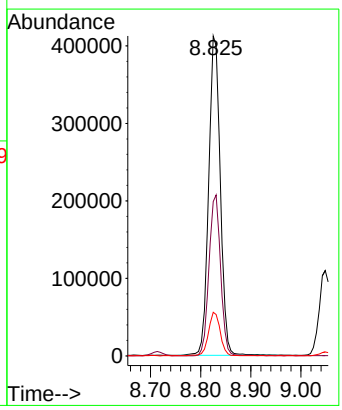
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

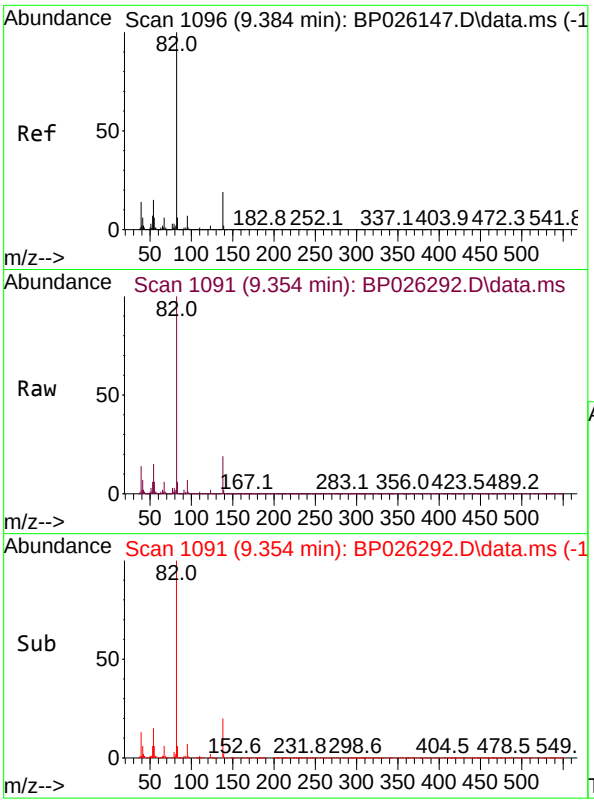


#24
Nitrobenzene
Concen: 40.554 ng
RT: 8.825 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion: 77 Resp: 662766

Ion	Ratio	Lower	Upper
77	100		
123	48.2	39.8	59.8
65	13.6	11.2	16.8

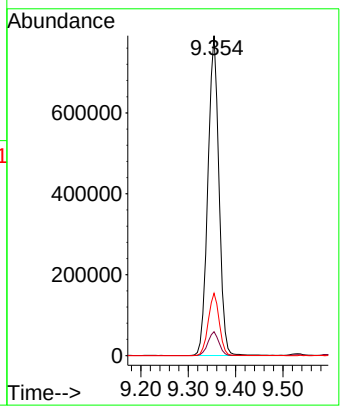




#25
Isophorone
Concen: 40.386 ng
RT: 9.354 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion: 82 Resp: 128104

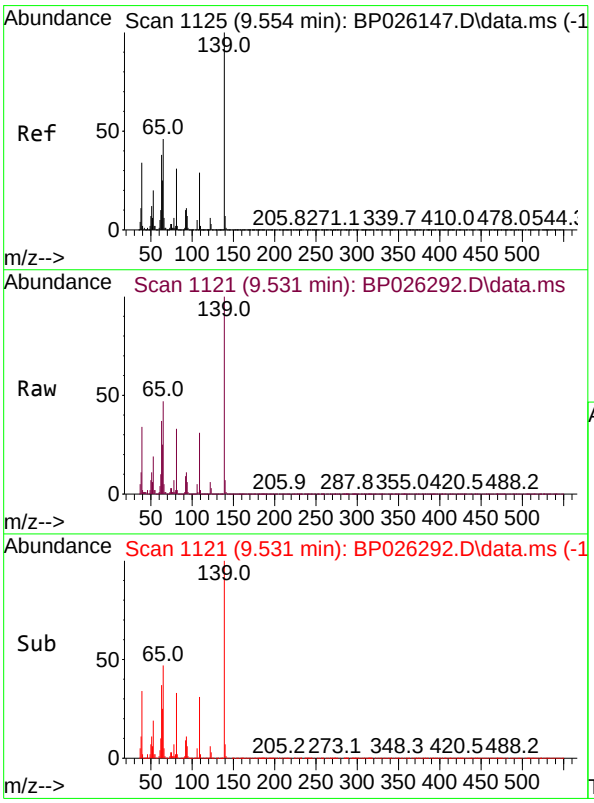
Ion	Ratio	Lower	Upper
82	100		
95	7.5	5.4	8.0
138	19.5	15.4	23.0



Instrument :
BNA_P
ClientSampleId :
PB170902BS

Manual Integrations
APPROVED

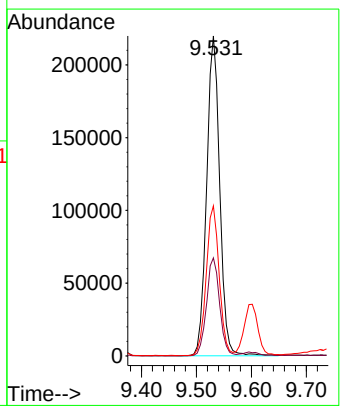
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

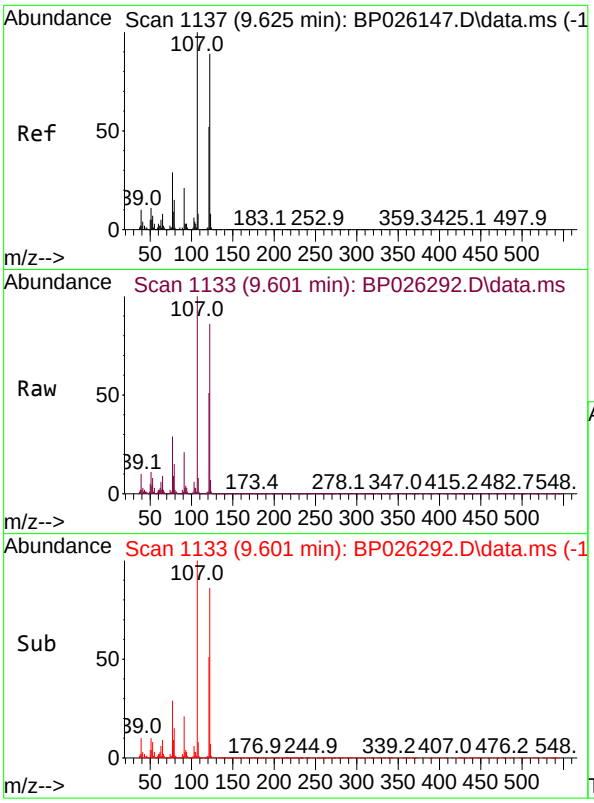


#26
2-Nitrophenol
Concen: 44.075 ng
RT: 9.531 min Scan# 1121
Delta R.T. -0.006 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:139 Resp: 364181

Ion	Ratio	Lower	Upper
139	100		
109	30.6	22.3	33.5
65	46.9	37.2	55.8

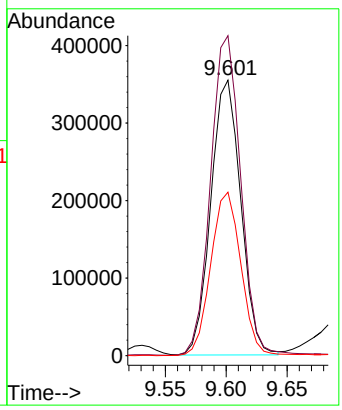




#27
2,4-Dimethylphenol
Concen: 41.594 ng
RT: 9.601 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:122 Resp: 60829

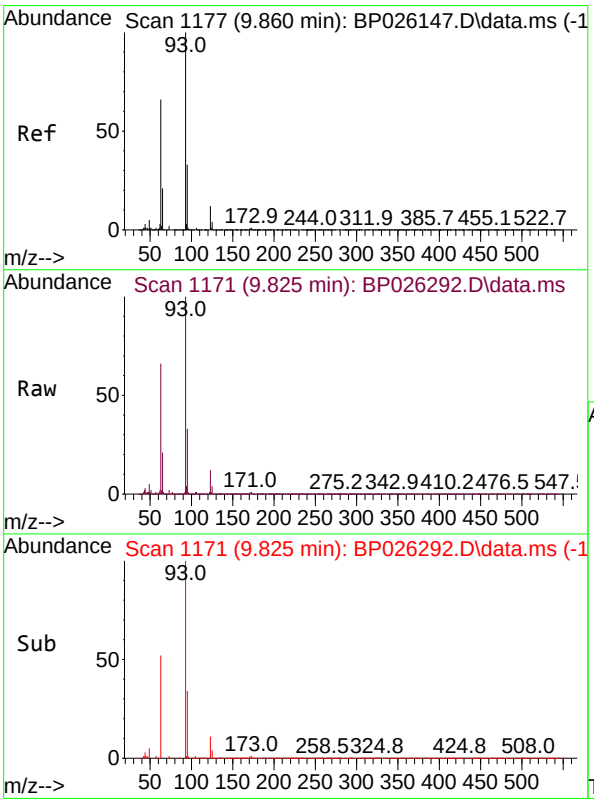
Ion	Ratio	Lower	Upper
122	100		
107	116.2	91.0	136.6
121	59.3	47.0	70.6



Instrument :
BNA_P
ClientSampleId :
PB170902BS

Manual Integrations
APPROVED

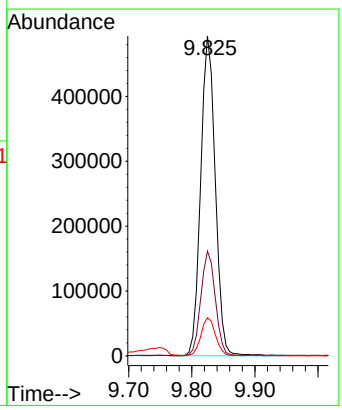
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

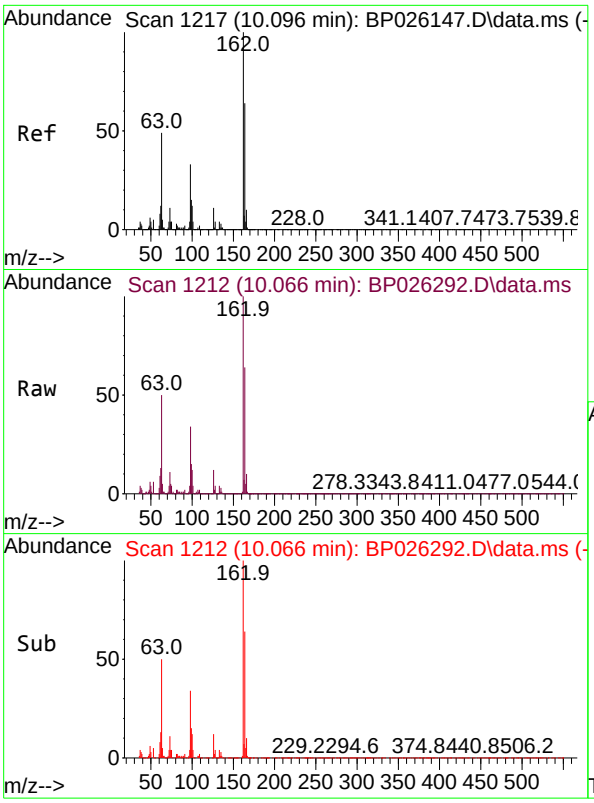


#28
bis(2-Chloroethoxy)methane
Concen: 39.672 ng
RT: 9.825 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion: 93 Resp: 790858

Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.4	39.6
123	11.9	9.4	14.0

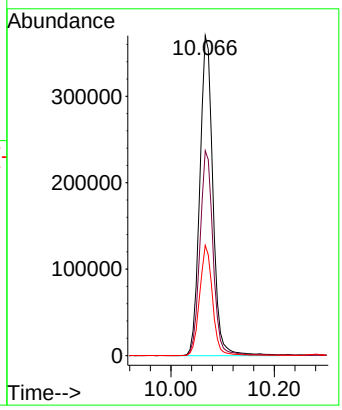




#29
2,4-Dichlorophenol
Concen: 43.746 ng
RT: 10.066 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:162 Resp: 65199

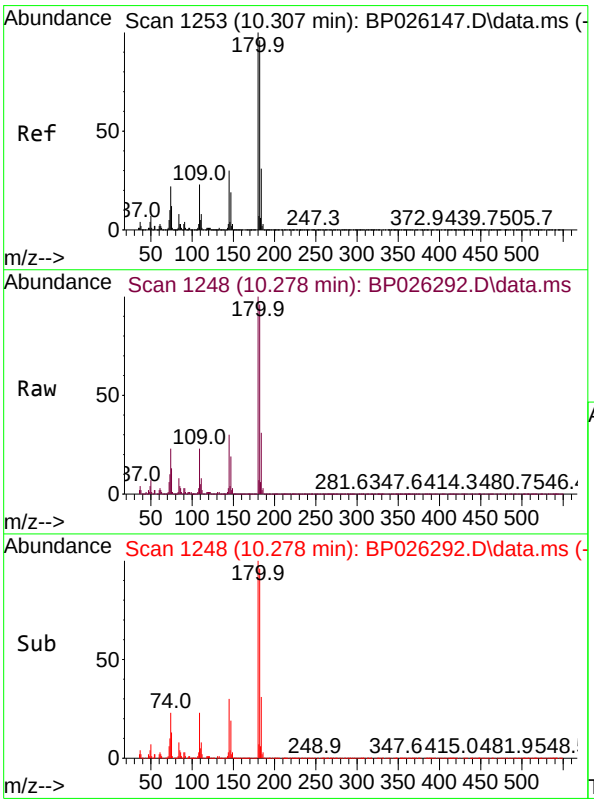
Ion	Ratio	Lower	Upper
162	100		
164	64.0	43.8	83.8
98	34.5	14.1	54.1



Instrument :
BNA_P
ClientSampleId :
PB170902BS

Manual Integrations
APPROVED

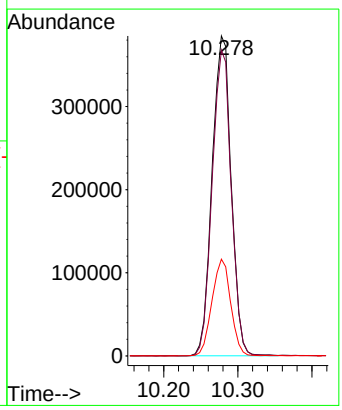
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

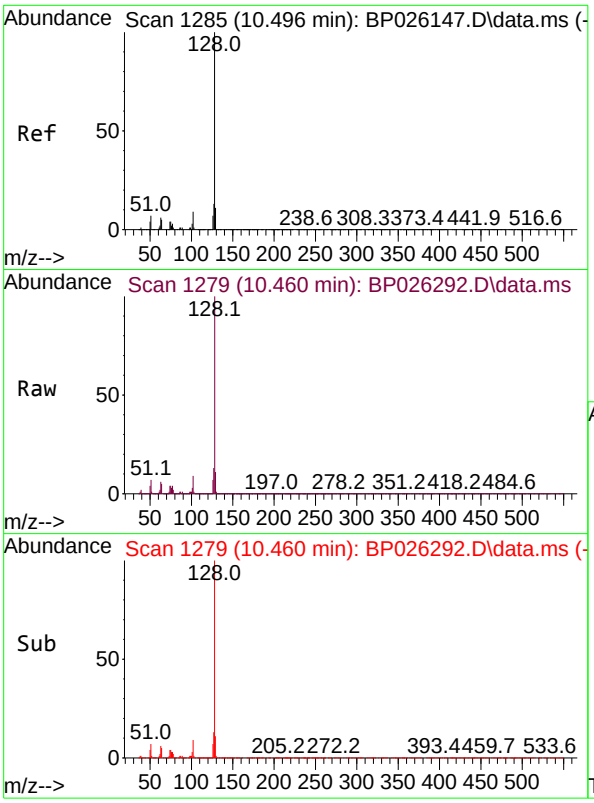


#30
1,2,4-Trichlorobenzene
Concen: 44.904 ng
RT: 10.278 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:180 Resp: 687954

Ion	Ratio	Lower	Upper
180	100		
182	95.6	78.1	117.1
145	30.2	24.2	36.4

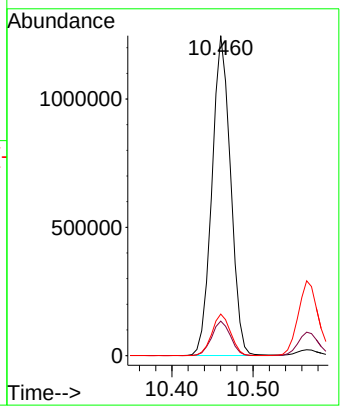




#31
Naphthalene
Concen: 39.978 ng
RT: 10.460 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:128 Resp: 198900

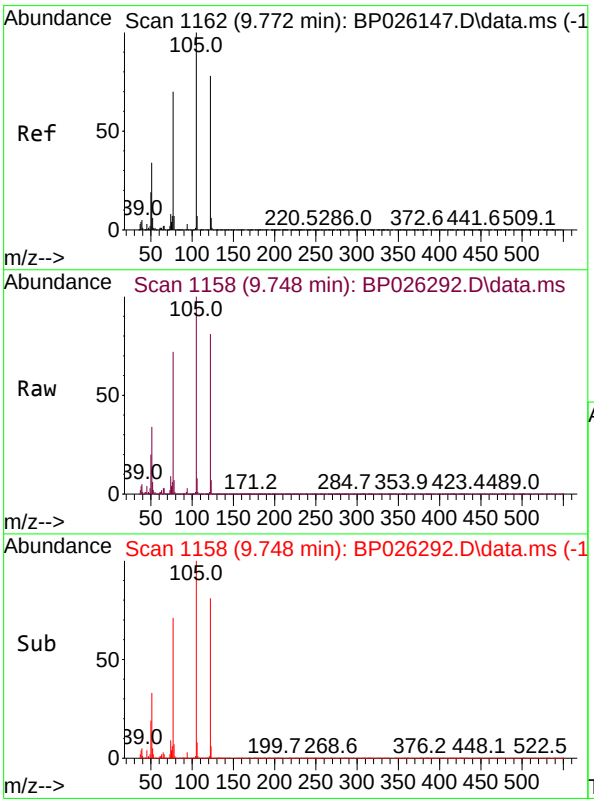
Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.6
127	13.0	10.2	15.4



Instrument :
BNA_P
ClientSampleId :
PB170902BS

Manual Integrations
APPROVED

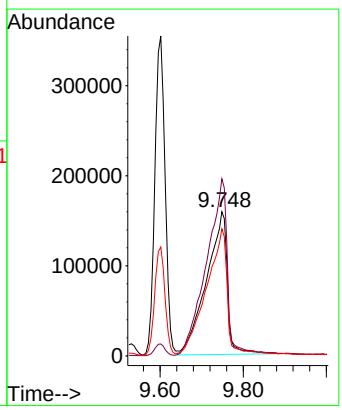
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

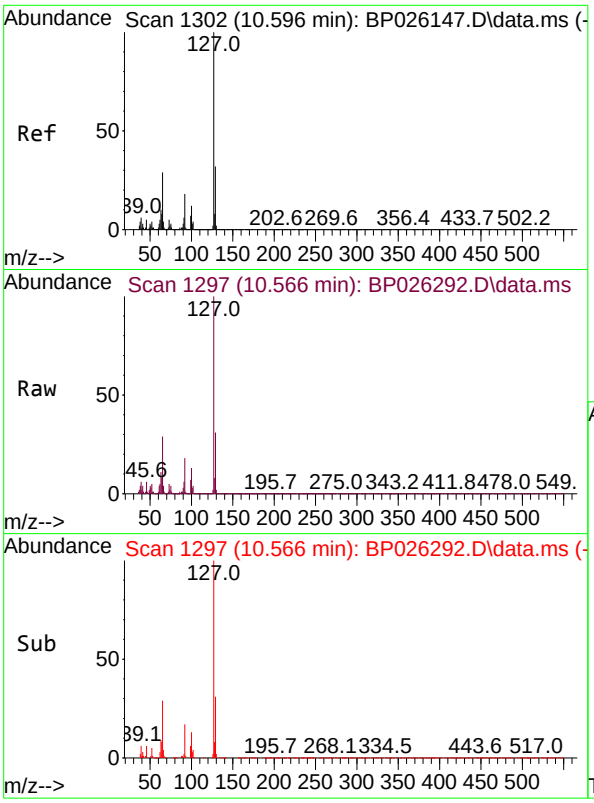


#32
Benzoic acid
Concen: 47.316 ng
RT: 9.748 min Scan# 1158
Delta R.T. 0.041 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:122 Resp: 554328

Ion	Ratio	Lower	Upper
122	100		
105	122.9	100.1	140.1
77	88.1	66.7	106.7

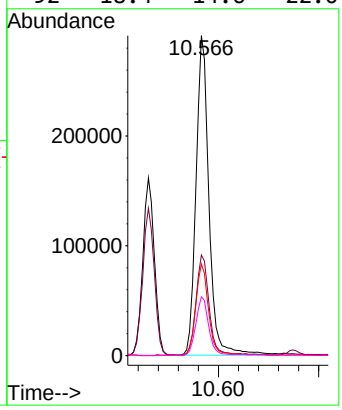




#33
4-Chloroaniline
Concen: 25.113 ng
RT: 10.566 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:127 Resp: 523438

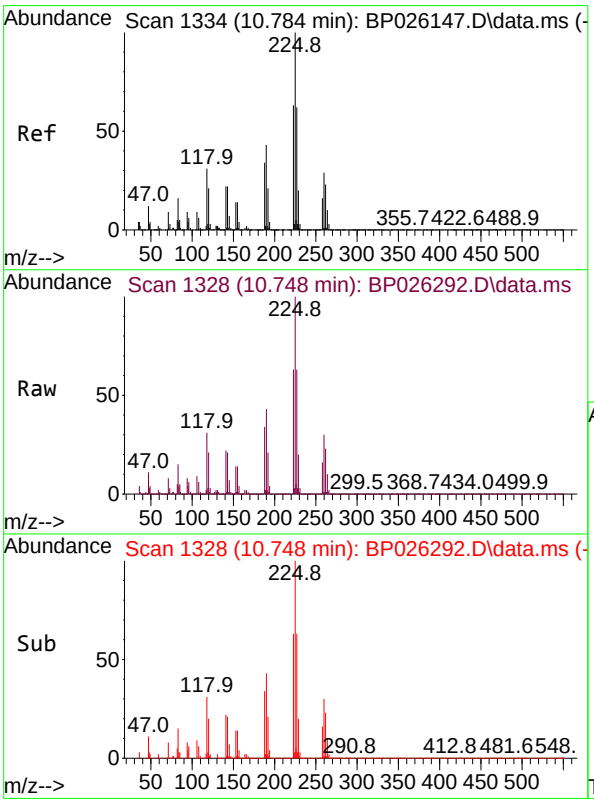
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.8	38.8
65	28.6	22.7	34.1
92	18.4	14.6	22.0



Instrument :
BNA_P
ClientSampleId :
PB170902BS

Manual Integrations
APPROVED

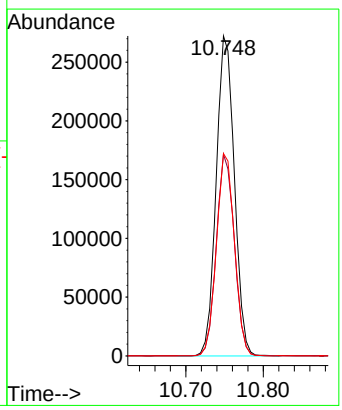
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

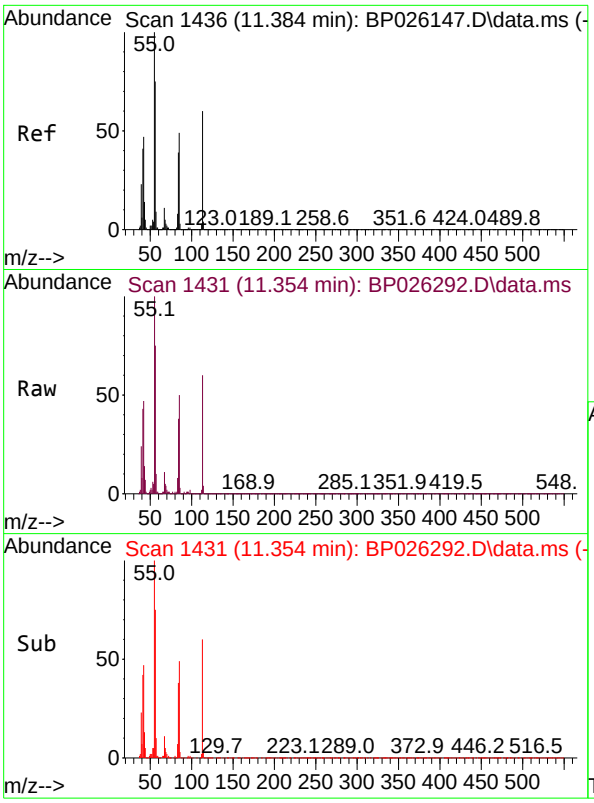


#34
Hexachlorobutadiene
Concen: 44.291 ng
RT: 10.748 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:225 Resp: 443049

Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.6	74.4
227	63.2	51.2	76.8

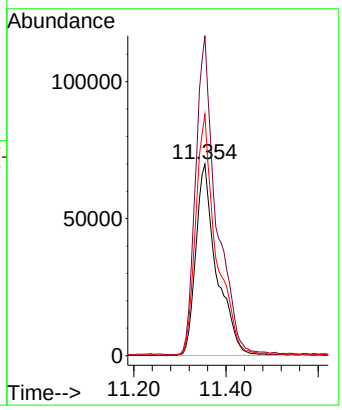




#35
Caprolactam
Concen: 41.716 ng
RT: 11.354 min Scan# 14
Delta R.T. -0.006 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:113 Resp: 21955

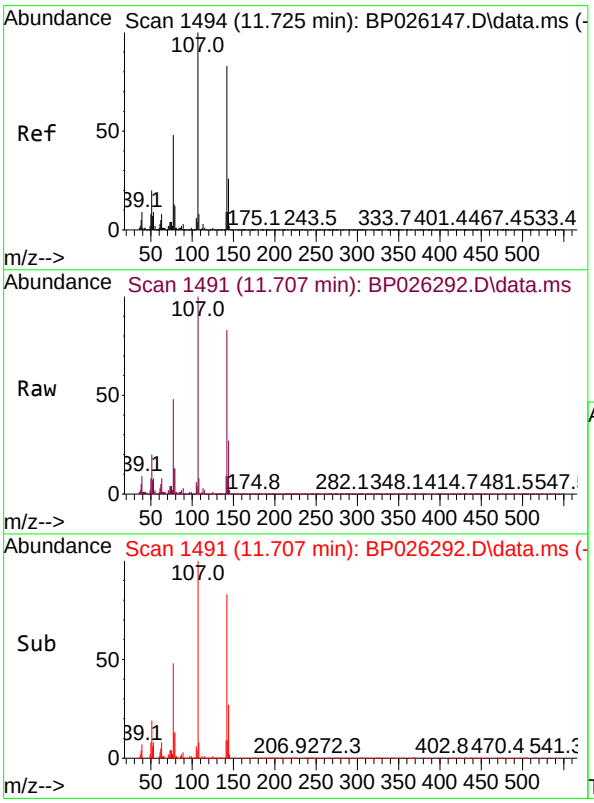
Ion	Ratio	Lower	Upper
113	100		
55	167.2	153.0	193.0
56	126.0	106.4	146.4



Instrument :
BNA_P
ClientSampleId :
PB170902BS

Manual Integrations
APPROVED

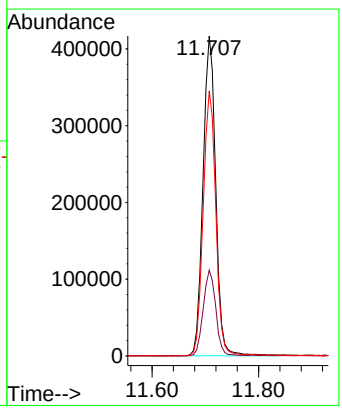
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

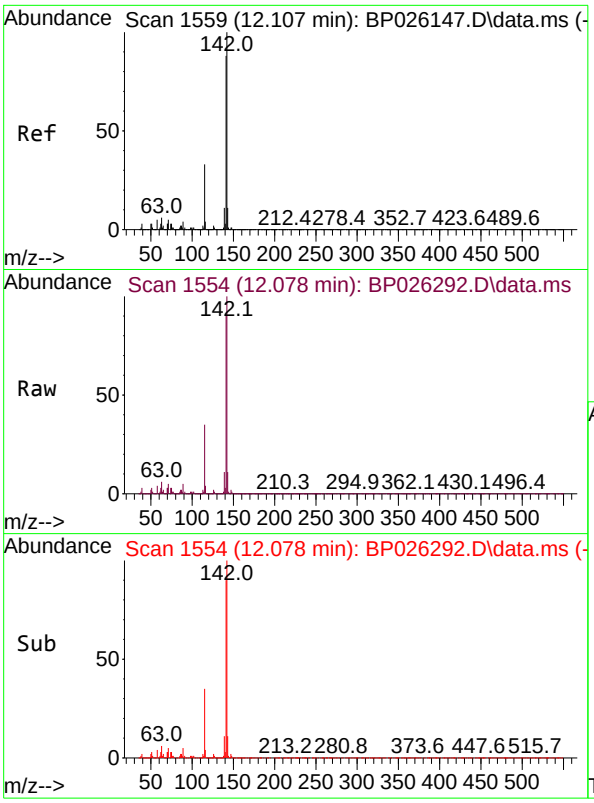


#36
4-Chloro-3-methylphenol
Concen: 43.848 ng
RT: 11.707 min Scan# 1491
Delta R.T. -0.000 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:107 Resp: 687614

Ion	Ratio	Lower	Upper
107	100		
144	26.8	21.6	32.4
142	82.8	65.6	98.4

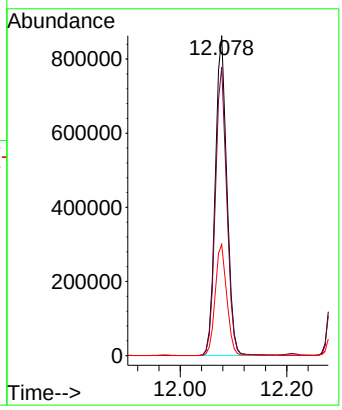




#37
2-Methylnaphthalene
Concen: 37.139 ng
RT: 12.078 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:142 Resp: 130226

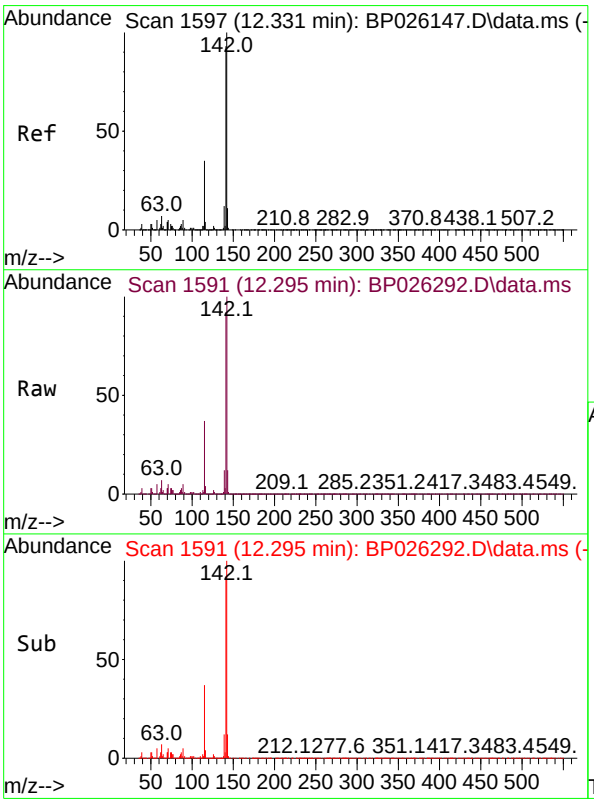
Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.0	106.6
115	34.7	26.6	39.8



Instrument :
BNA_P
ClientSampleId :
PB170902BS

Manual Integrations
APPROVED

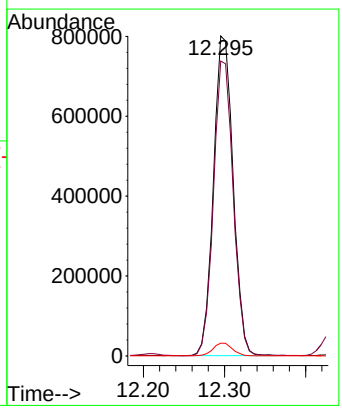
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

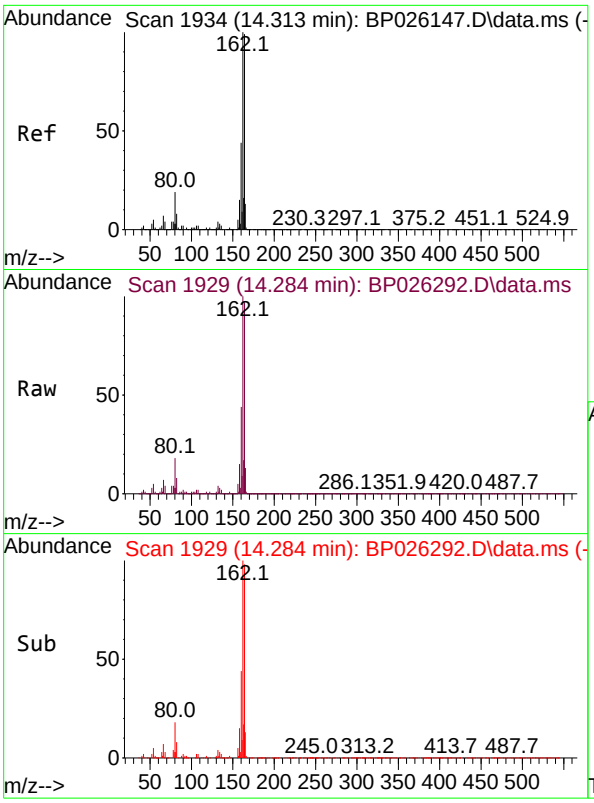


#38
1-Methylnaphthalene
Concen: 39.260 ng
RT: 12.295 min Scan# 1591
Delta R.T. -0.012 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:142 Resp: 1344946

Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.5	110.3
116	4.0	3.0	4.4

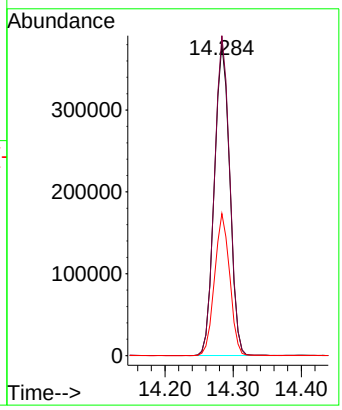




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.284 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:164 Resp: 594254

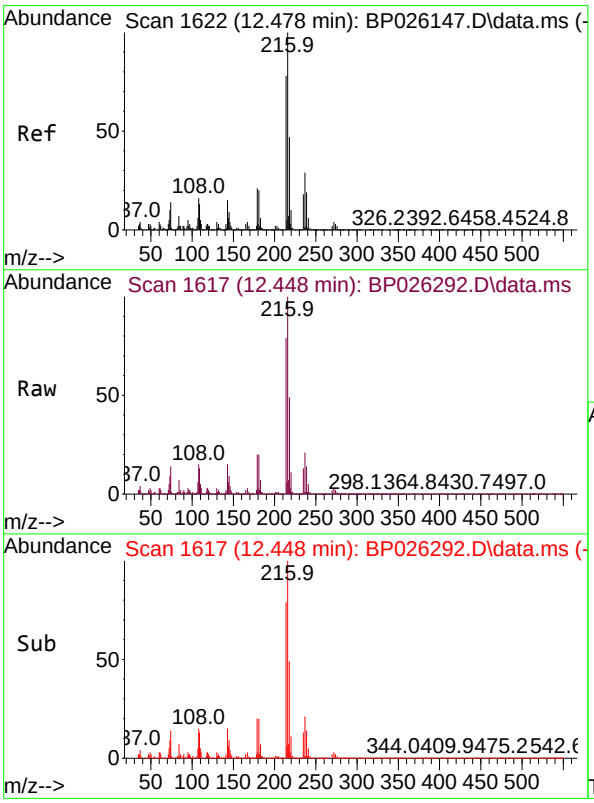
Ion	Ratio	Lower	Upper
164	100		
162	102.6	80.3	120.5
160	45.5	35.2	52.8



Instrument :
BNA_P
ClientSampleId :
PB170902BS

Manual Integrations
APPROVED

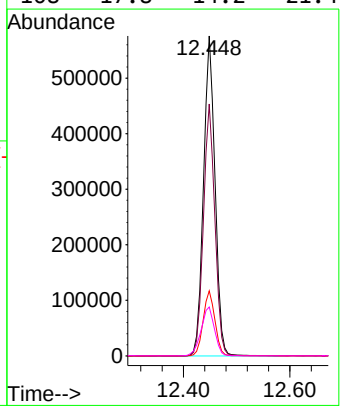
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

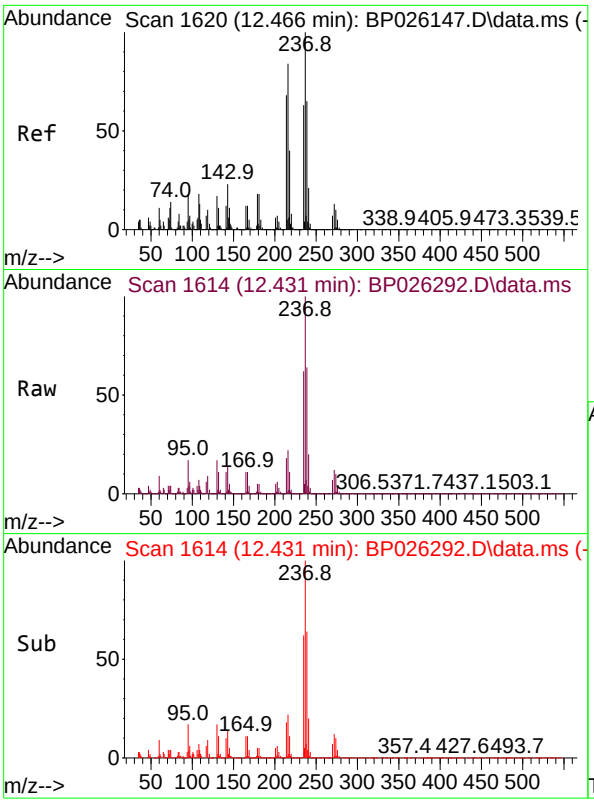


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.506 ng
RT: 12.448 min Scan# 1617
Delta R.T. -0.006 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:216 Resp: 861774

Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.6	94.0
179	20.8	16.6	25.0
108	17.8	14.2	21.4

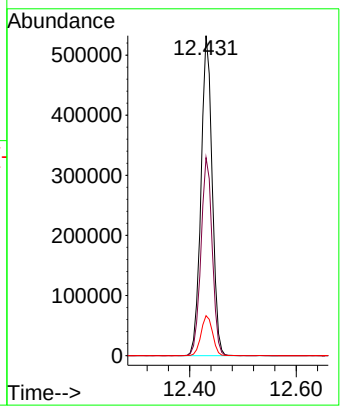




#41
Hexachlorocyclopentadiene
Concen: 68.056 ng
RT: 12.431 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:237 Resp: 77009

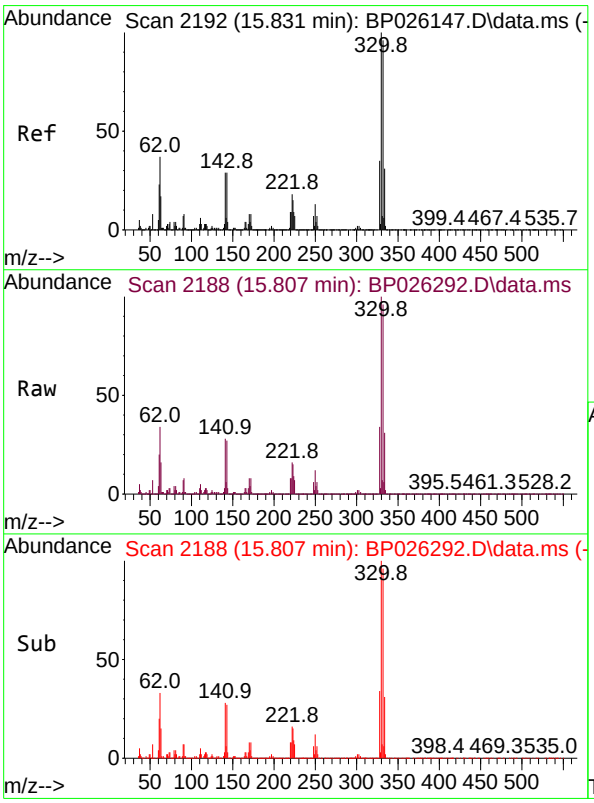
Ion	Ratio	Lower	Upper
237	100		
235	61.9	43.3	83.3
272	12.5	0.0	32.9



Instrument :
BNA_P
ClientSampleId :
PB170902BS

Manual Integrations
APPROVED

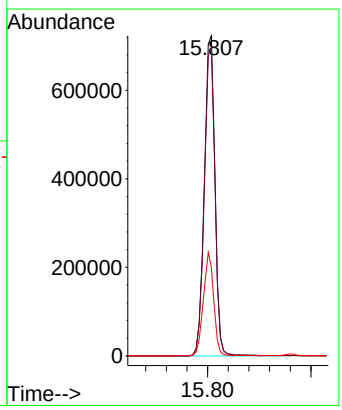
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

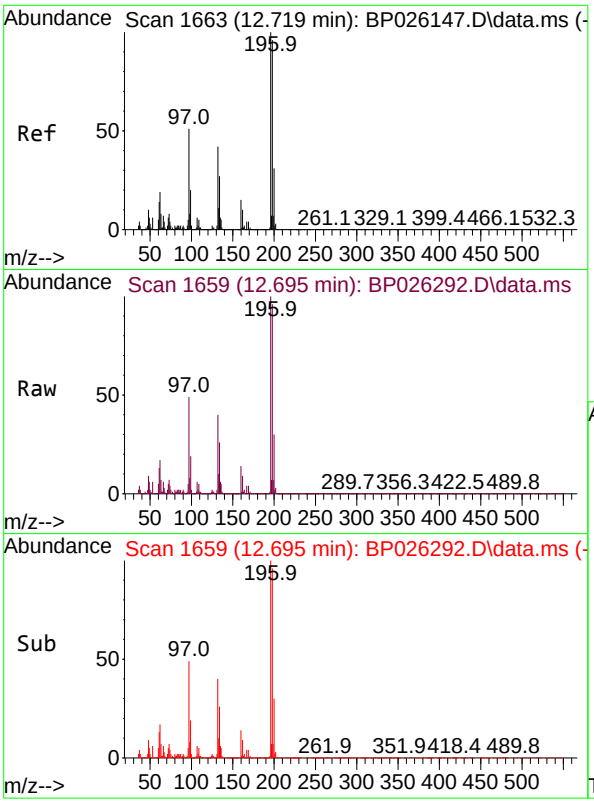


#42
2,4,6-Tribromophenol
Concen: 133.591 ng
RT: 15.807 min Scan# 2188
Delta R.T. -0.000 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:330 Resp: 1032403

Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.0	117.0
141	31.4	26.8	40.2

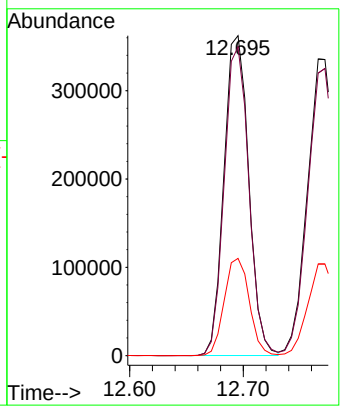




#43
2,4,6-Trichlorophenol
Concen: 44.586 ng
RT: 12.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:196 Resp: 54968

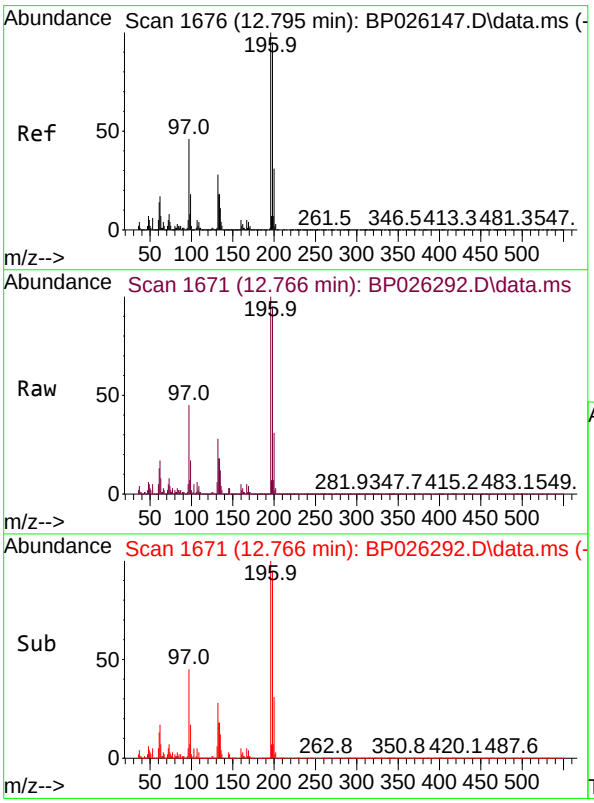
Ion	Ratio	Lower	Upper
196	100		
198	96.5	76.9	115.3
200	30.4	24.6	37.0



Instrument :
BNA_P
ClientSampleId :
PB170902BS

Manual Integrations
APPROVED

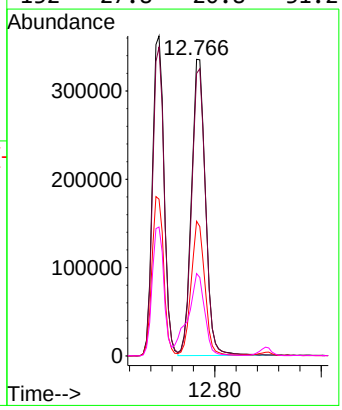
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

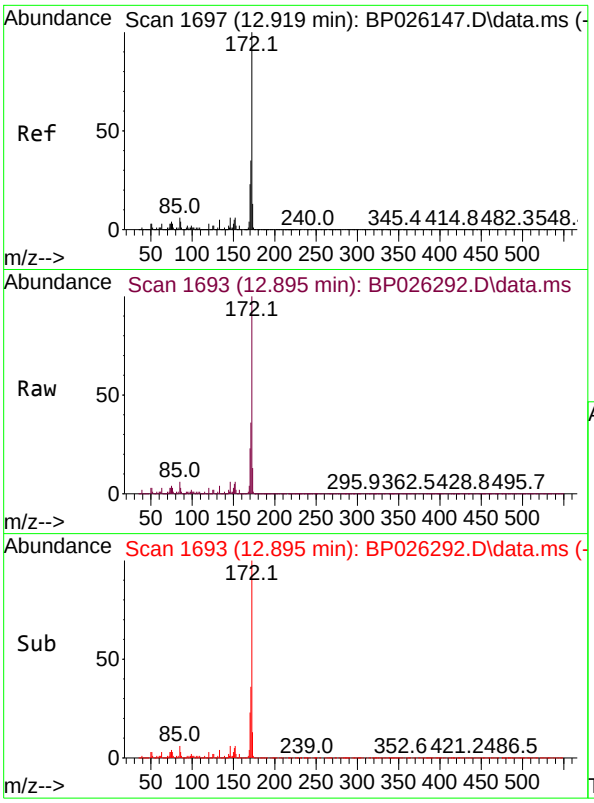


#44
2,4,5-Trichlorophenol
Concen: 44.586 ng
RT: 12.766 min Scan# 1671
Delta R.T. -0.006 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:196 Resp: 612208

Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.4	114.6
97	45.4	35.7	53.5
132	27.8	20.8	31.2

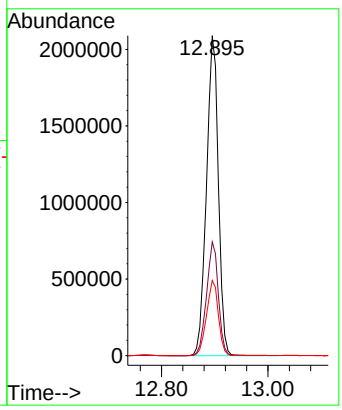




#45
2-Fluorobiphenyl
Concen: 79.039 ng
RT: 12.895 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:172 Resp: 323060

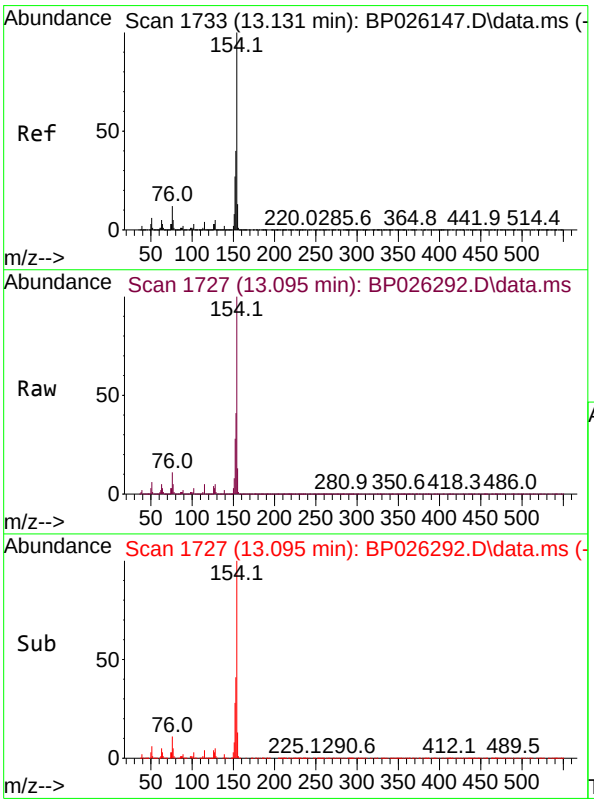
Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.2	42.4
170	23.5	18.7	28.1



Instrument :
BNA_P
ClientSampleId :
PB170902BS

Manual Integrations
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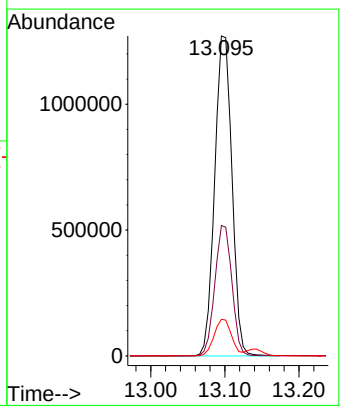
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

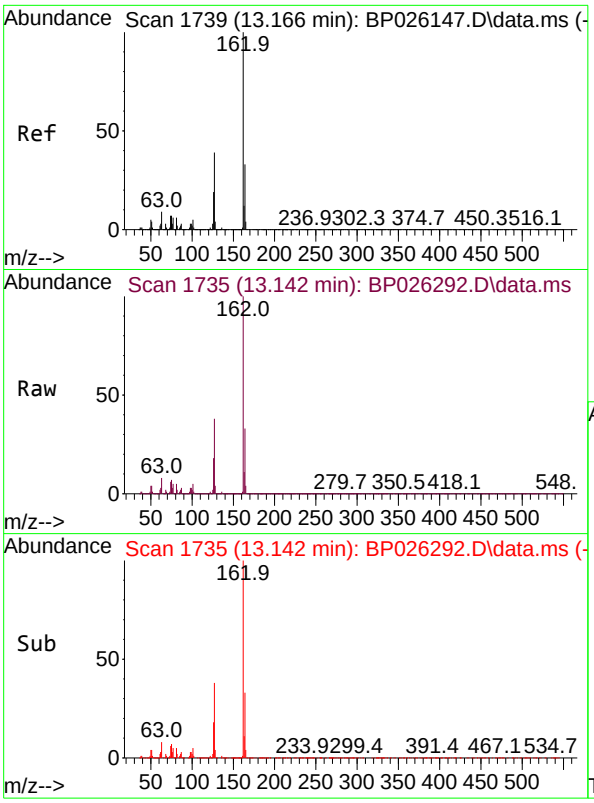


#46
1,1'-Biphenyl
Concen: 45.775 ng
RT: 13.095 min Scan# 1727
Delta R.T. -0.012 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:154 Resp: 2054017

Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.3	60.3
76	11.4	0.0	32.3

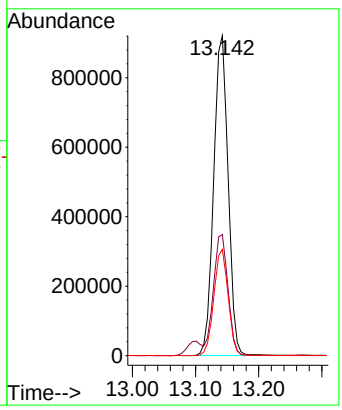




#47
2-Chloronaphthalene
Concen: 41.467 ng
RT: 13.142 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:162 Resp: 146598

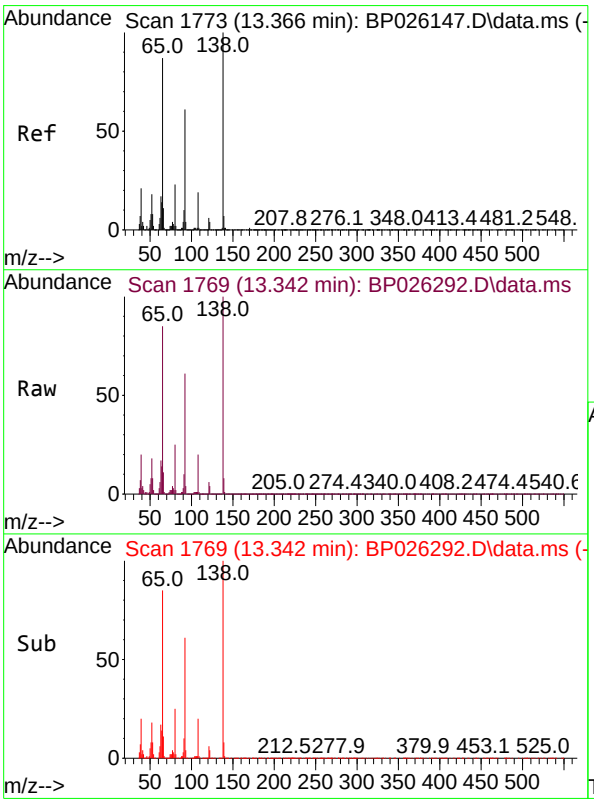
Ion	Ratio	Lower	Upper
162	100		
127	37.8	30.9	46.3
164	33.2	26.4	39.6



Instrument :
BNA_P
ClientSampleId :
PB170902BS

Manual Integrations
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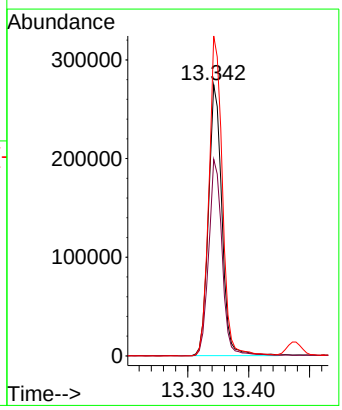
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

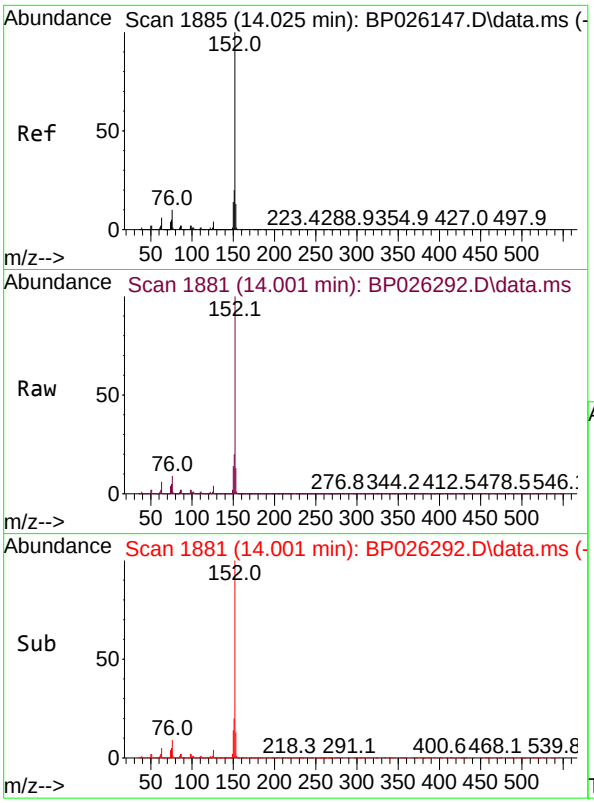


#48
2-Nitroaniline
Concen: 43.459 ng
RT: 13.342 min Scan# 1769
Delta R.T. -0.000 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion: 65 Resp: 420815

Ion	Ratio	Lower	Upper
65	100		
92	72.5	59.1	88.7
138	118.1	96.6	145.0

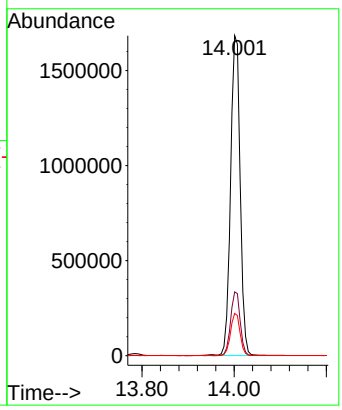




#49
Acenaphthylene
Concen: 42.020 ng
RT: 14.001 min Scan# 18
Delta R.T. -0.000 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:152 Resp: 243781

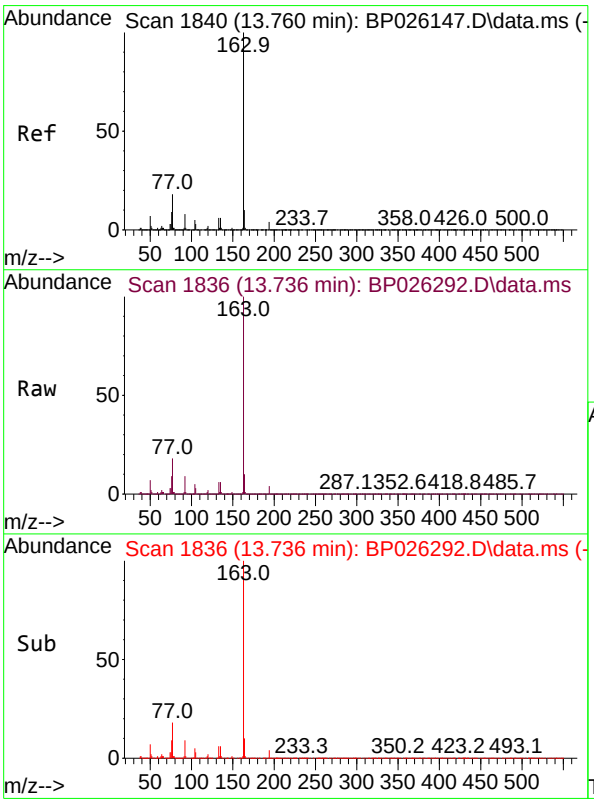
Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.8
153	13.2	10.6	16.0



Instrument :
BNA_P
ClientSampleId :
PB170902BS

Manual Integrations
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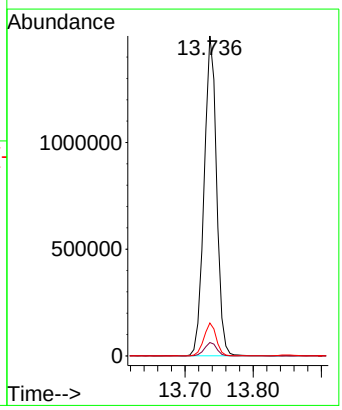
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

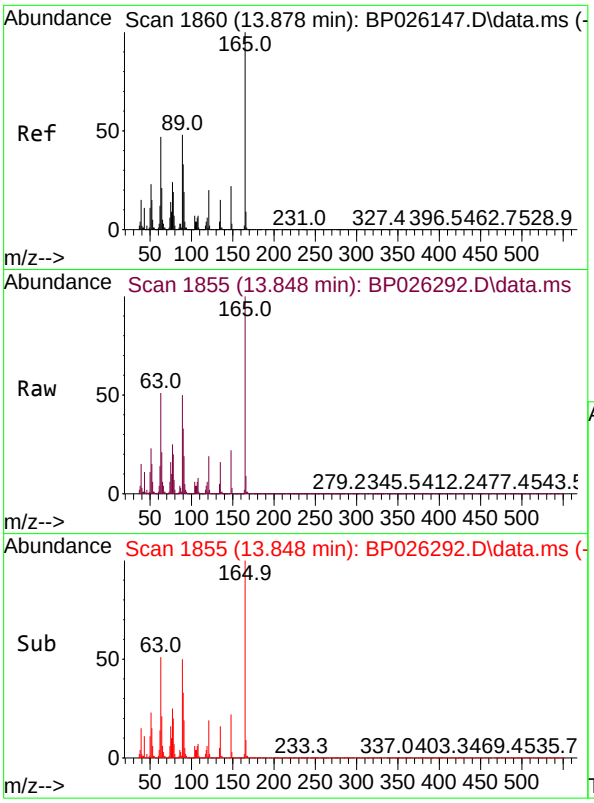


#50
Dimethylphthalate
Concen: 42.993 ng
RT: 13.736 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:163 Resp: 1903711

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.3	8.2	12.2

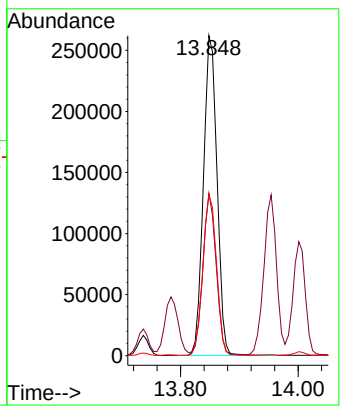




#51
2,6-Dinitrotoluene
Concen: 48.252 ng
RT: 13.848 min Scan# 18
Delta R.T. -0.006 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:165 Resp: 42222

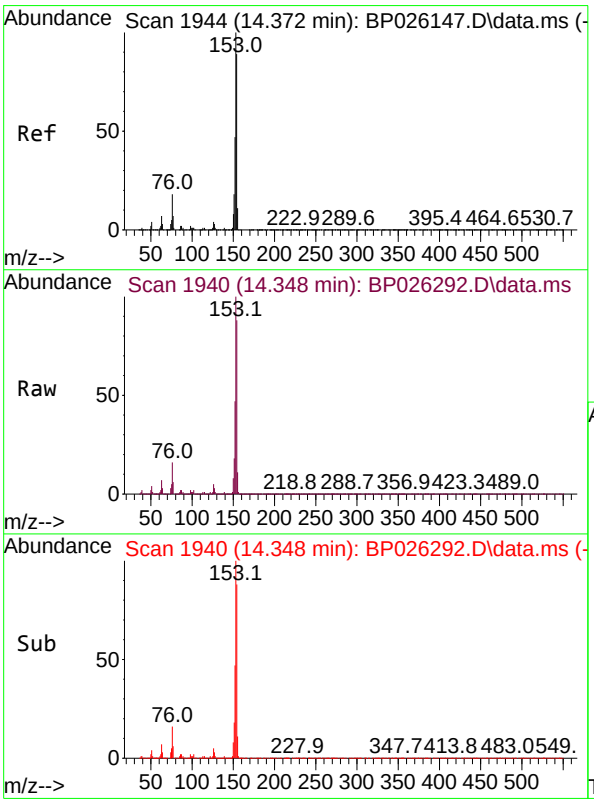
Ion	Ratio	Lower	Upper
165	100		
63	50.7	40.5	60.7
89	50.4	41.3	61.9



Instrument :
BNA_P
ClientSampleId :
PB170902BS

Manual Integrations
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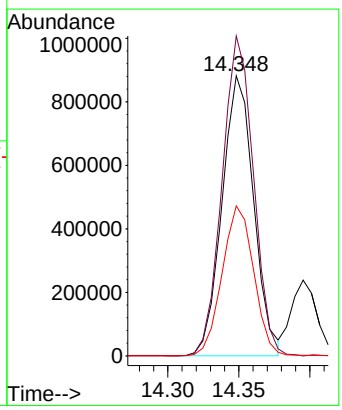
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

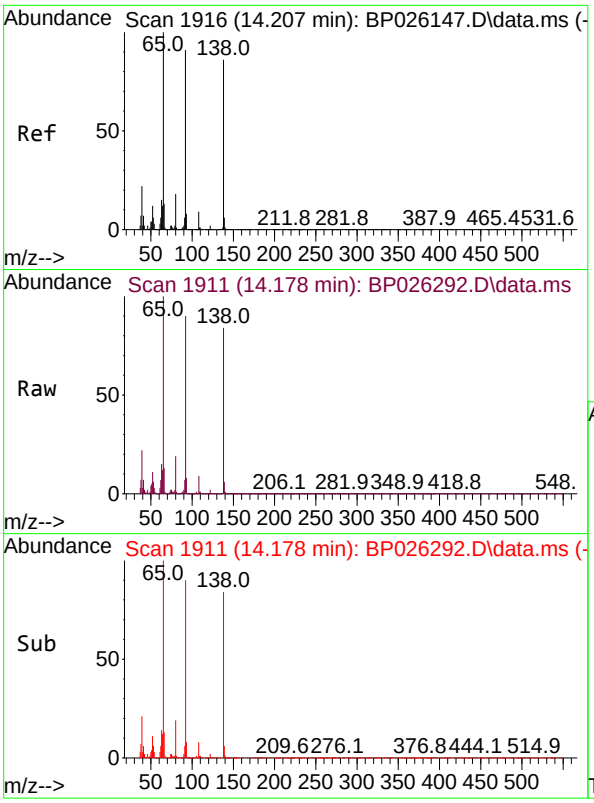


#52
Acenaphthene
Concen: 40.271 ng
RT: 14.348 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:154 Resp: 1366117

Ion	Ratio	Lower	Upper
154	100		
153	114.2	90.7	136.1
152	53.5	42.8	64.2





#53
3-Nitroaniline
Concen: 33.528 ng
RT: 14.178 min Scan# 19
Delta R.T. -0.012 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

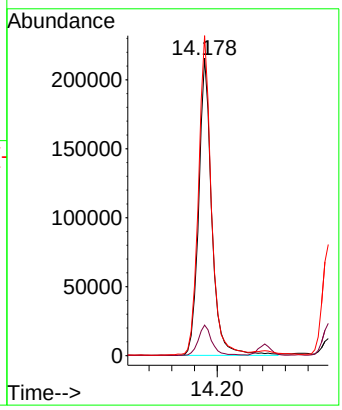
Tgt Ion:138 Resp: 34295

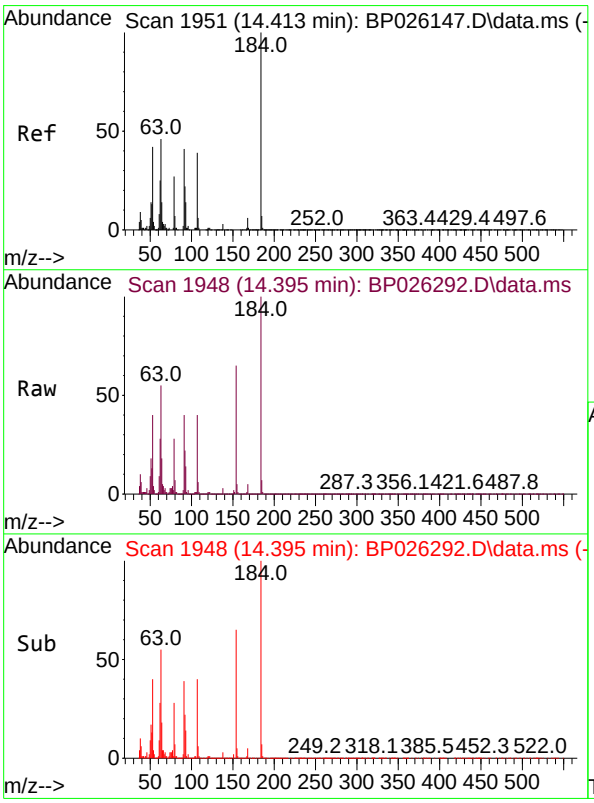
Ion	Ratio	Lower	Upper
138	100		
108	10.2	8.9	13.3
92	107.6	86.3	129.5

Instrument :
BNA_P
ClientSampleId :
PB170902BS

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Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

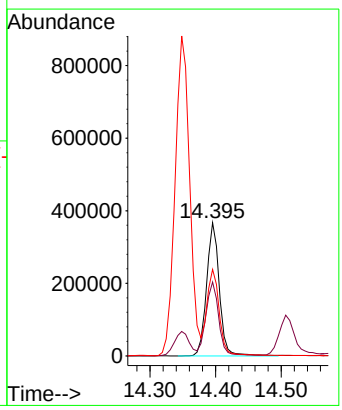


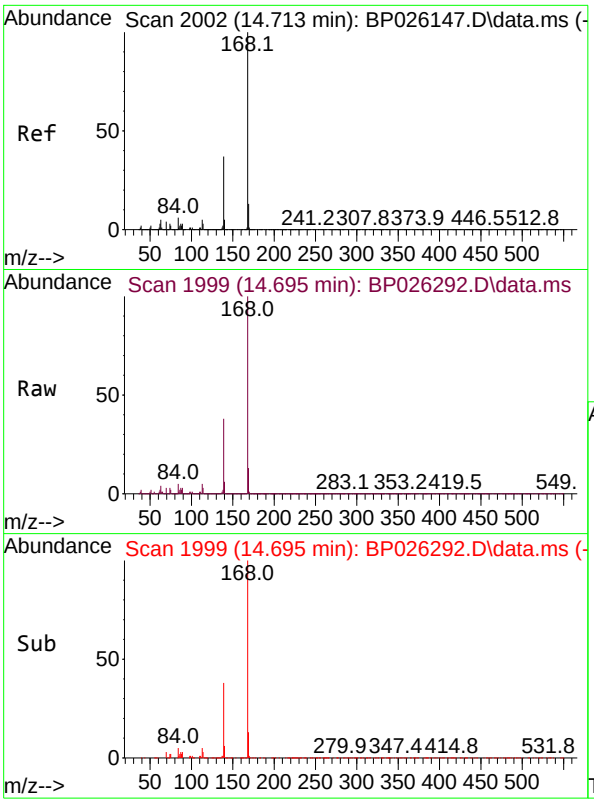


#54
2,4-Dinitrophenol
Concen: 106.025 ng
RT: 14.395 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:184 Resp: 494634

Ion	Ratio	Lower	Upper
184	100		
63	55.4	43.1	64.7
154	65.0	49.5	74.3

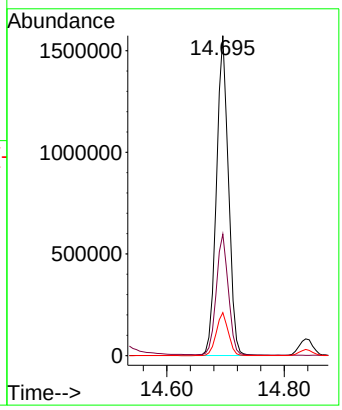




#55
Dibenzofuran
Concen: 42.205 ng
RT: 14.695 min Scan# 19
Delta R.T. -0.000 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:168 Resp: 222656

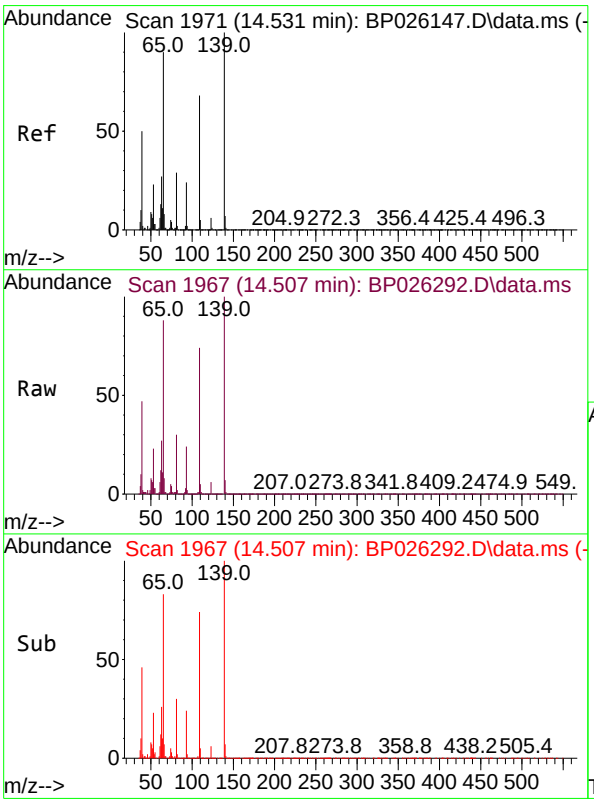
Ion	Ratio	Lower	Upper
168	100		
139	38.0	29.8	44.6
169	13.4	10.9	16.3



Instrument :
BNA_P
ClientSampleId :
PB170902BS

Manual Integrations
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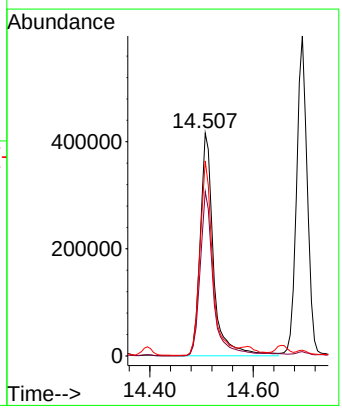
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

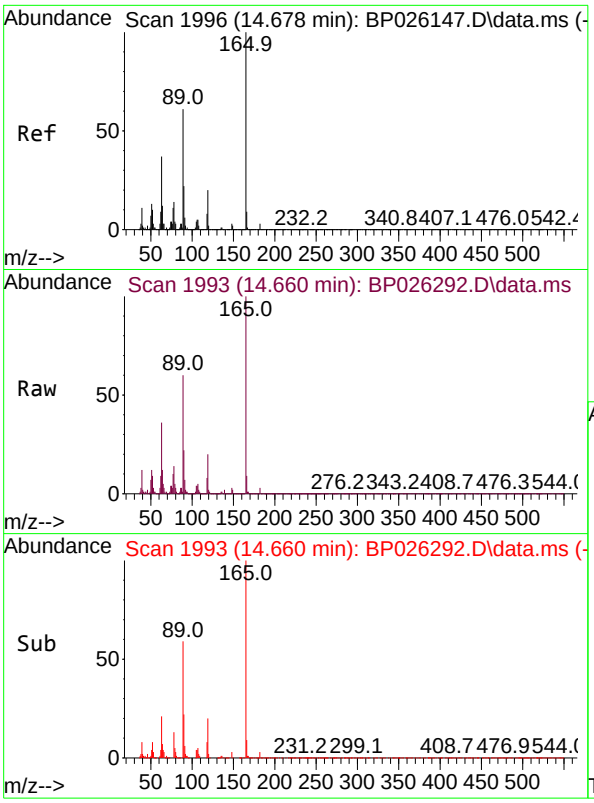


#56
4-Nitrophenol
Concen: 81.753 ng
RT: 14.507 min Scan# 1967
Delta R.T. -0.000 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:139 Resp: 746694

Ion	Ratio	Lower	Upper
139	100		
109	73.7	46.8	86.8
65	87.5	69.3	109.3

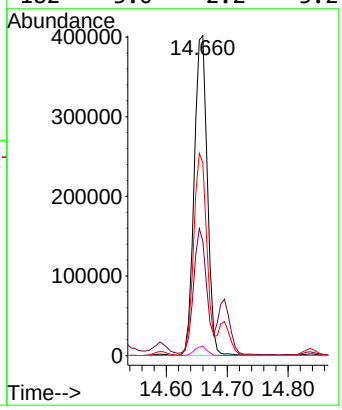




#57
2,4-Dinitrotoluene
Concen: 46.240 ng
RT: 14.660 min Scan# 19
Delta R.T. 0.006 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:165 Resp: 601915

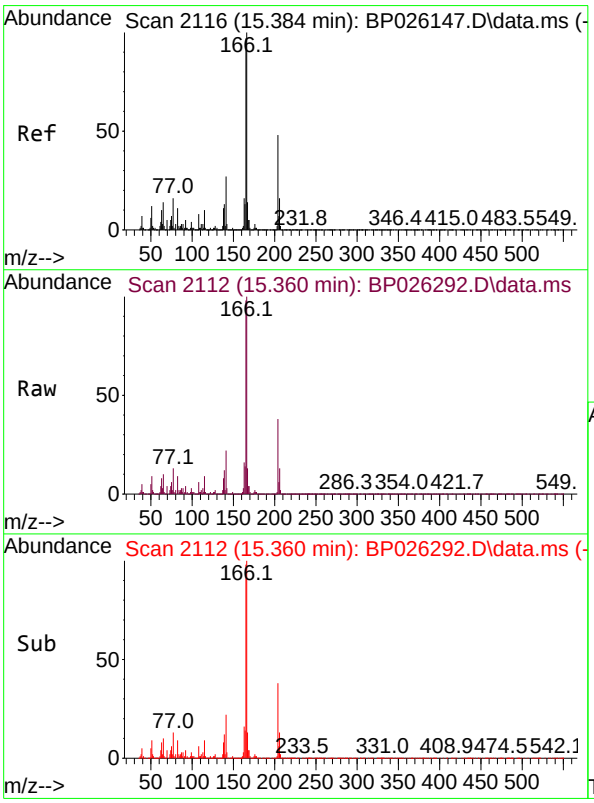
Ion	Ratio	Lower	Upper
165	100		
63	35.8	31.0	46.6
89	60.3	51.7	77.5
182	3.0	2.2	3.2



Instrument :
BNA_P
ClientSampleId :
PB170902BS

Manual Integrations
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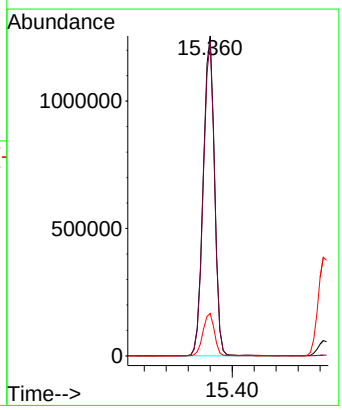
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

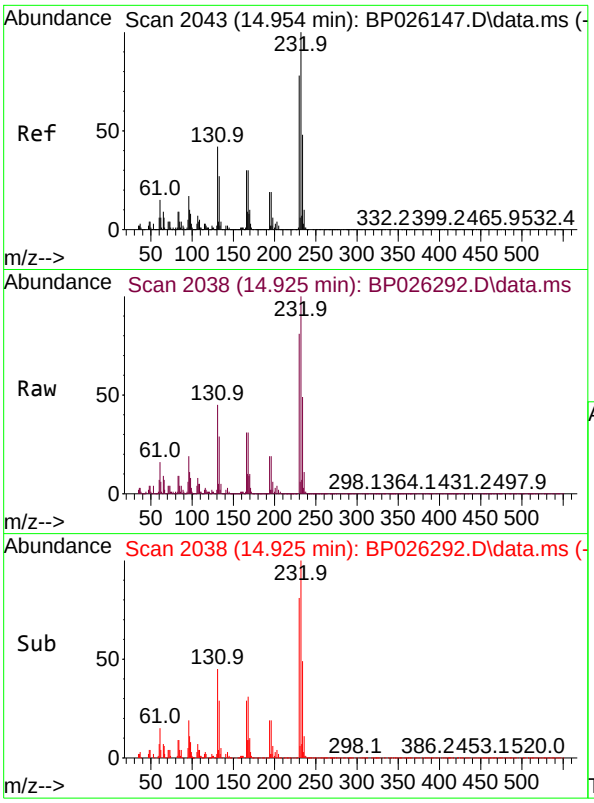


#58
Fluorene
Concen: 42.970 ng
RT: 15.360 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:166 Resp: 1793341

Ion	Ratio	Lower	Upper
166	100		
165	98.3	77.9	116.9
167	13.3	11.0	16.4

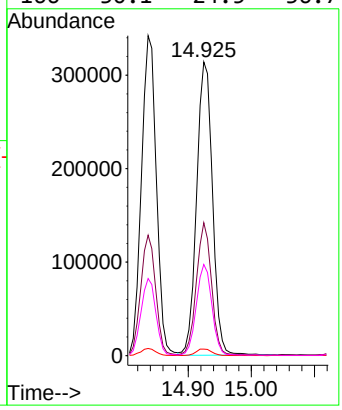




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.190 ng
RT: 14.925 min Scan# 20
Delta R.T. -0.012 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:232 Resp: 548444

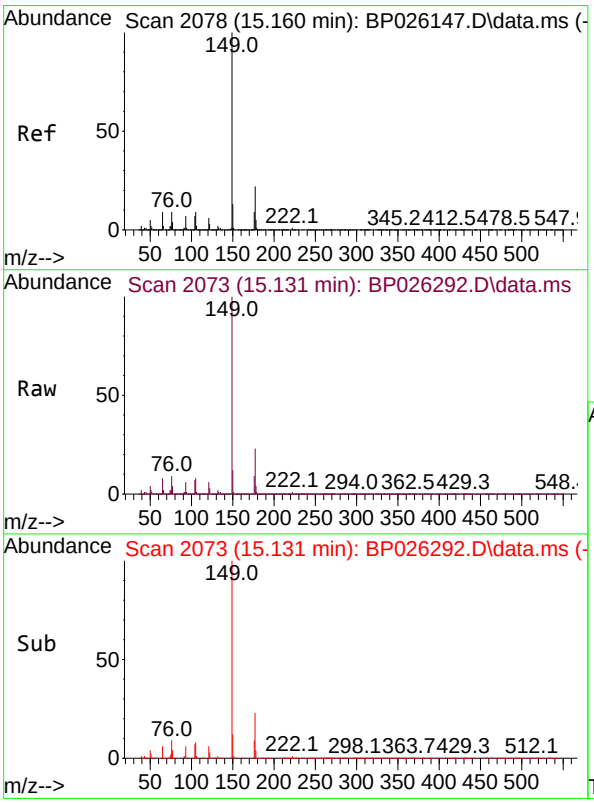
Ion	Ratio	Lower	Upper
232	100		
131	43.0	34.8	52.2
130	2.3	1.8	2.8
166	30.1	24.5	36.7



Instrument :
BNA_P
ClientSampleId :
PB170902BS

Manual Integrations
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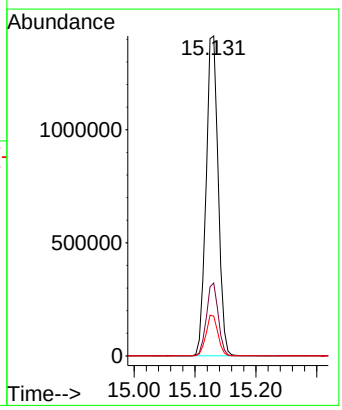
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

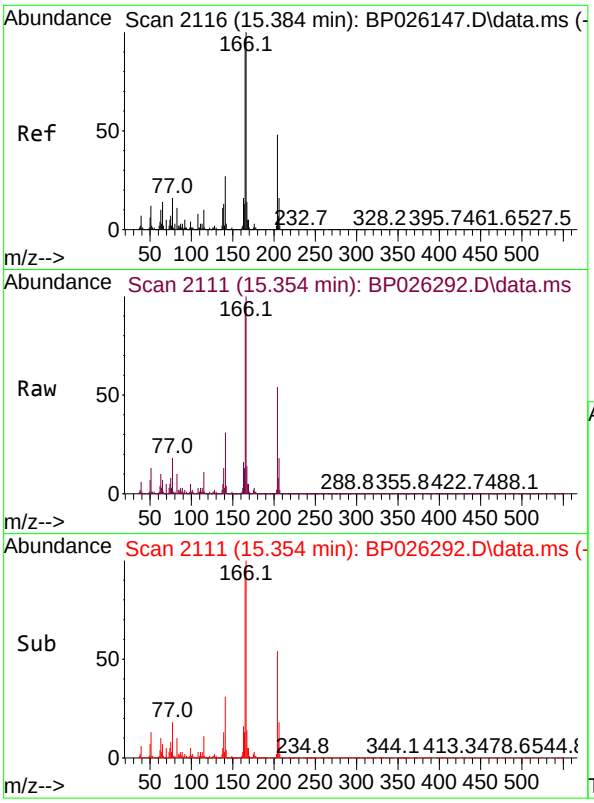


#60
Diethylphthalate
Concen: 43.891 ng
RT: 15.131 min Scan# 2073
Delta R.T. -0.000 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:149 Resp: 1949271

Ion	Ratio	Lower	Upper
149	100		
177	22.8	17.9	26.9
150	12.4	9.9	14.9





#61
4-Chlorophenyl-phenylether
Concen: 43.315 ng
RT: 15.354 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

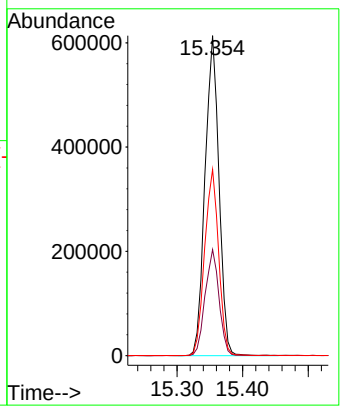
Tgt Ion:204 Resp: 90135

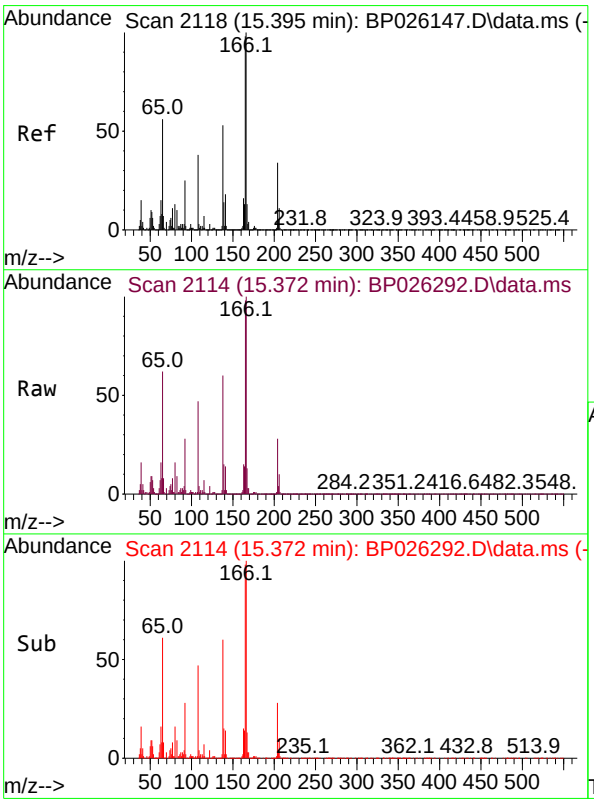
Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.2	39.2
141	58.2	48.1	72.1

Instrument :
BNA_P
ClientSampleId :
PB170902BS

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Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

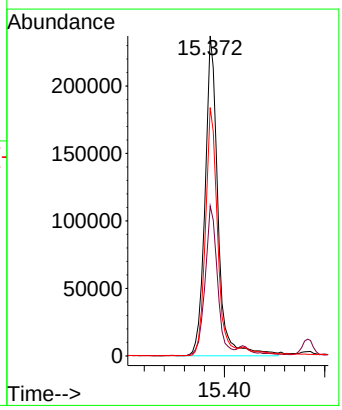


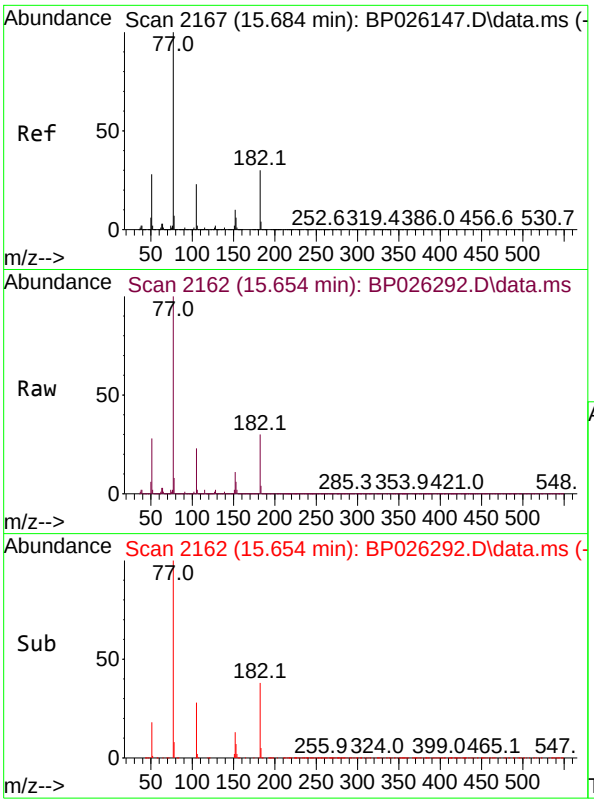


#62
4-Nitroaniline
Concen: 39.985 ng
RT: 15.372 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:138 Resp: 424477

Ion	Ratio	Lower	Upper
138	100		
92	46.9	27.5	67.5
108	77.6	51.1	91.1

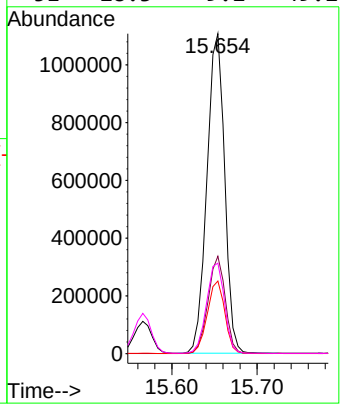




#63
Azobenzene
Concen: 42.768 ng
RT: 15.654 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion: 77 Resp: 159714

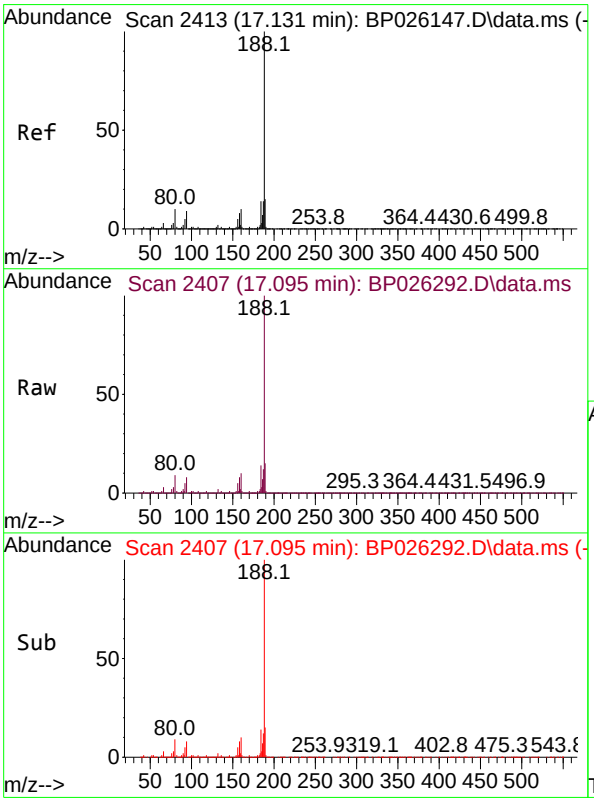
Ion	Ratio	Lower	Upper
77	100		
182	30.4	8.8	48.8
105	22.7	2.6	42.6
51	28.3	9.2	49.2



Instrument :
BNA_P
ClientSampleId :
PB170902BS

Manual Integrations
APPROVED

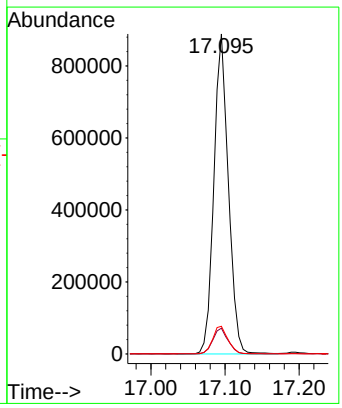
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

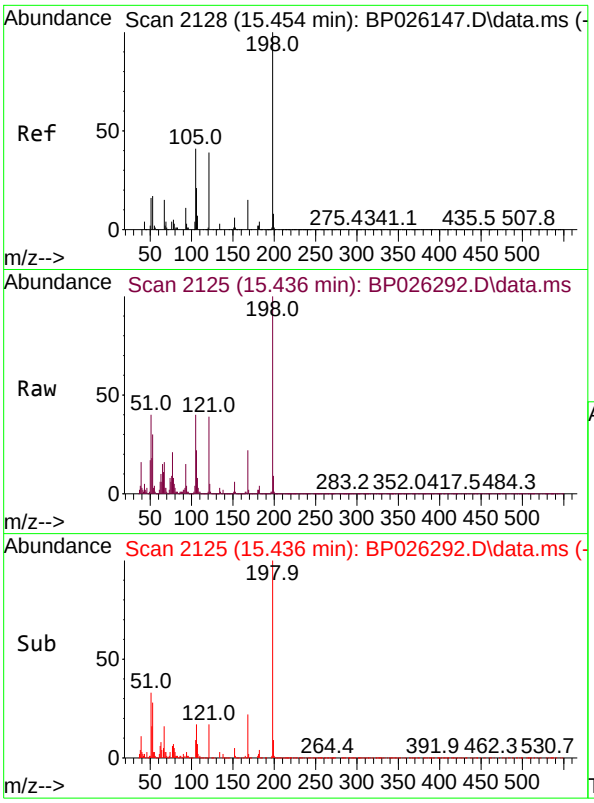


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.095 min Scan# 2407
Delta R.T. -0.000 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:188 Resp: 1205040

Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.8	11.6
80	8.6	8.2	12.2

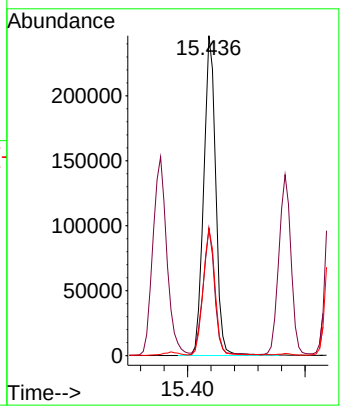




#65
4,6-Dinitro-2-methylphenol
Concen: 49.175 ng
RT: 15.436 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:198 Resp: 34999

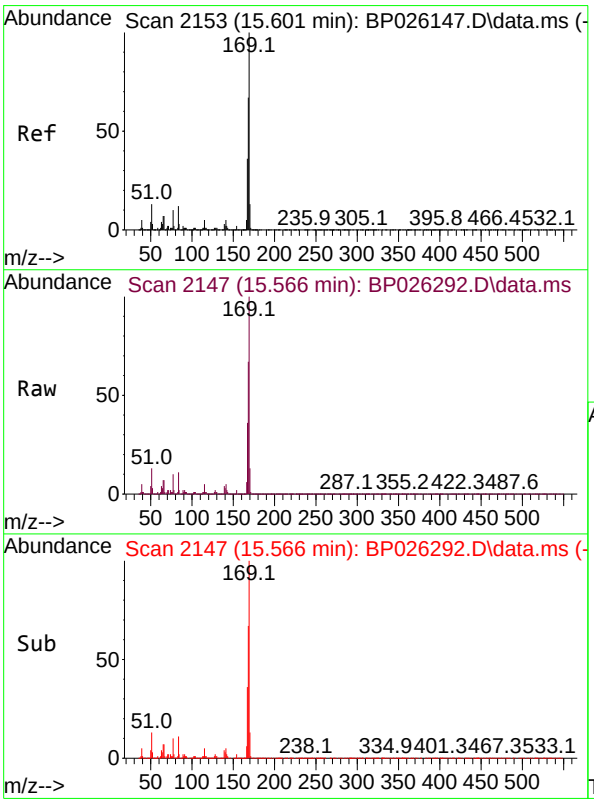
Ion	Ratio	Lower	Upper
198	100		
51	39.8	18.4	58.4
105	39.5	18.5	58.5



Instrument :
BNA_P
ClientSampleId :
PB170902BS

Manual Integrations
APPROVED

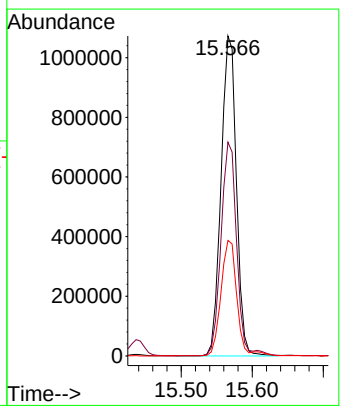
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

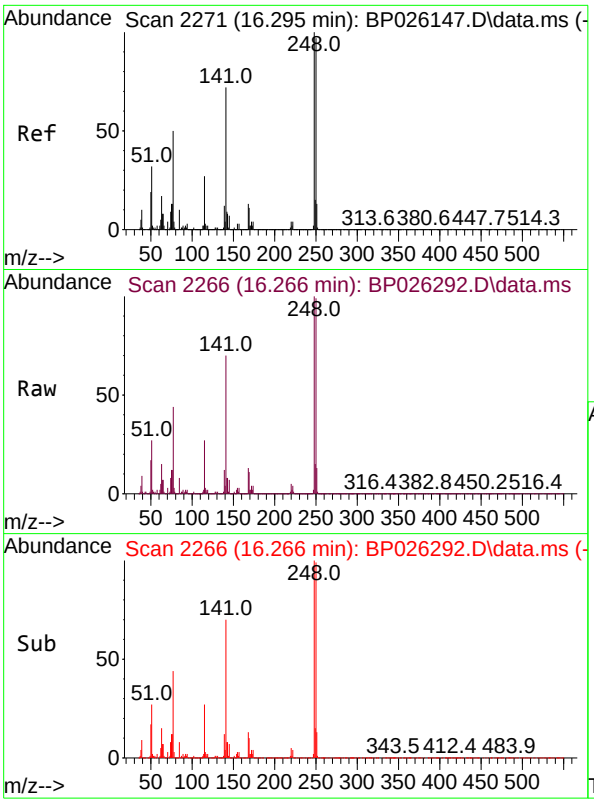


#66
n-Nitrosodiphenylamine
Concen: 43.244 ng
RT: 15.566 min Scan# 2147
Delta R.T. -0.012 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:169 Resp: 1611186

Ion	Ratio	Lower	Upper
169	100		
168	66.8	53.1	79.7
167	36.1	28.9	43.3

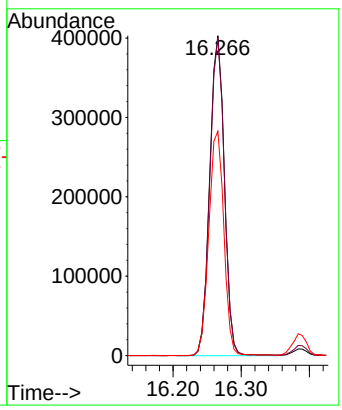




#67
4-Bromophenyl-phenylether
Concen: 44.735 ng
RT: 16.266 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:248 Resp: 59763

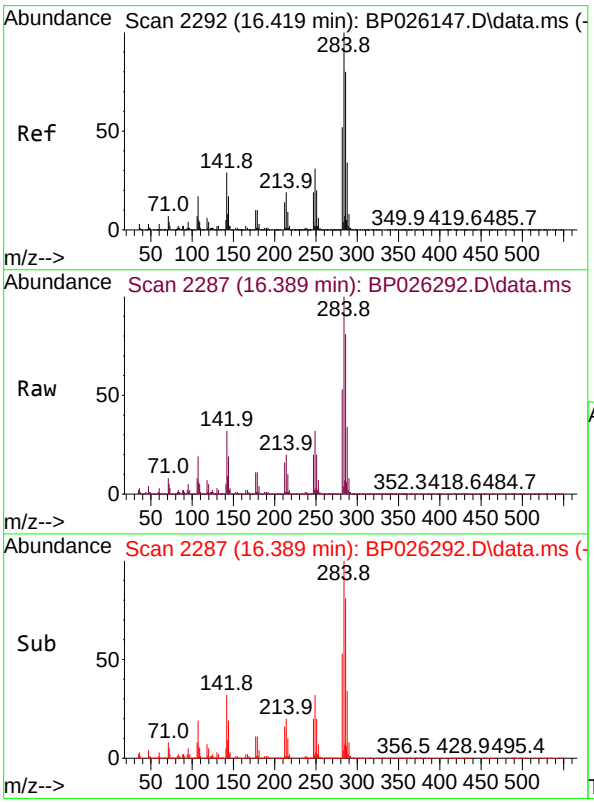
Ion	Ratio	Lower	Upper
248	100		
250	99.3	77.8	116.6
141	70.1	55.4	83.0



Instrument :
BNA_P
ClientSampleId :
PB170902BS

Manual Integrations
APPROVED

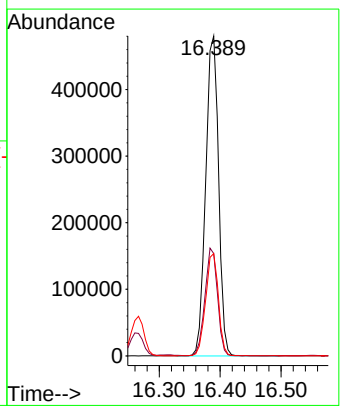
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

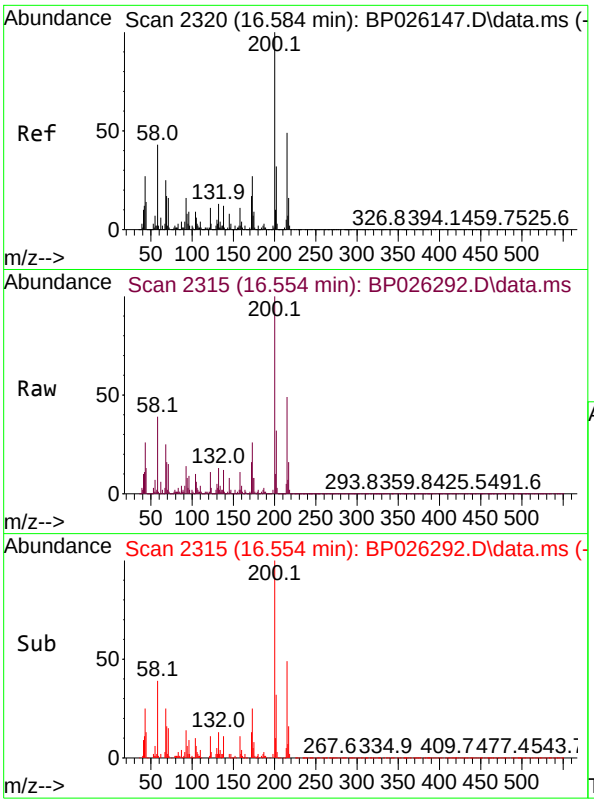


#68
Hexachlorobenzene
Concen: 45.285 ng
RT: 16.389 min Scan# 2287
Delta R.T. -0.000 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:284 Resp: 703104

Ion	Ratio	Lower	Upper
284	100		
142	32.0	28.0	42.0
249	32.0	25.0	37.4

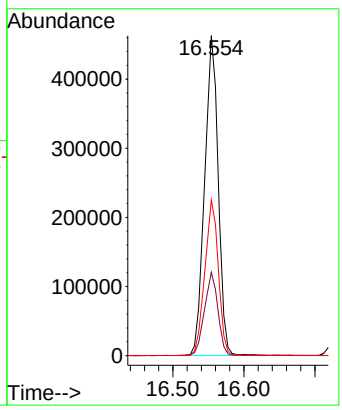




#69
Atrazine
Concen: 43.874 ng
RT: 16.554 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:200 Resp: 61462

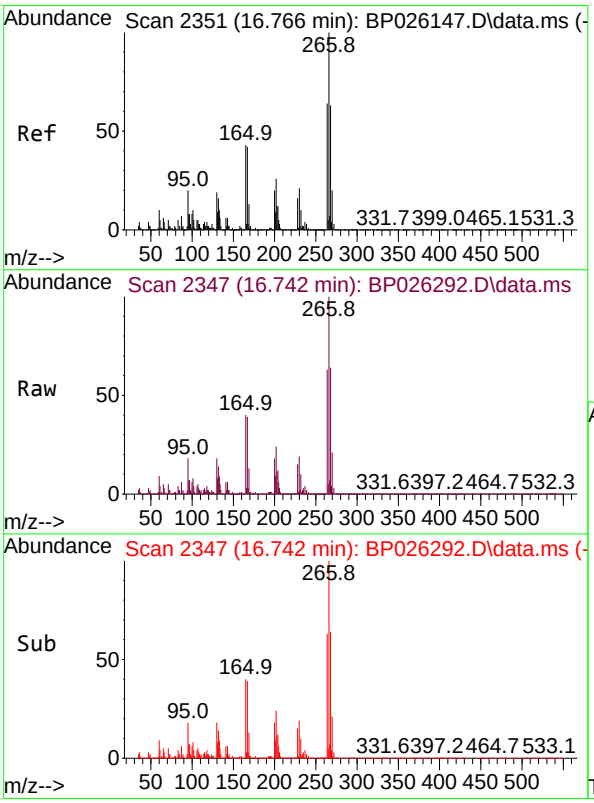
Ion	Ratio	Lower	Upper
200	100		
173	26.0	6.7	46.7
215	48.7	27.4	67.4



Instrument :
BNA_P
ClientSampleId :
PB170902BS

Manual Integrations
APPROVED

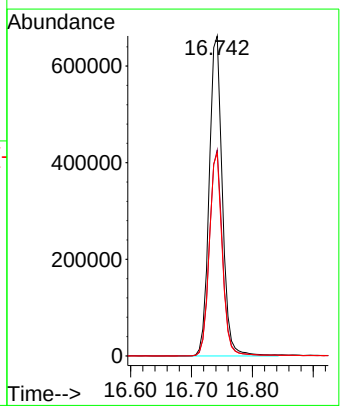
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

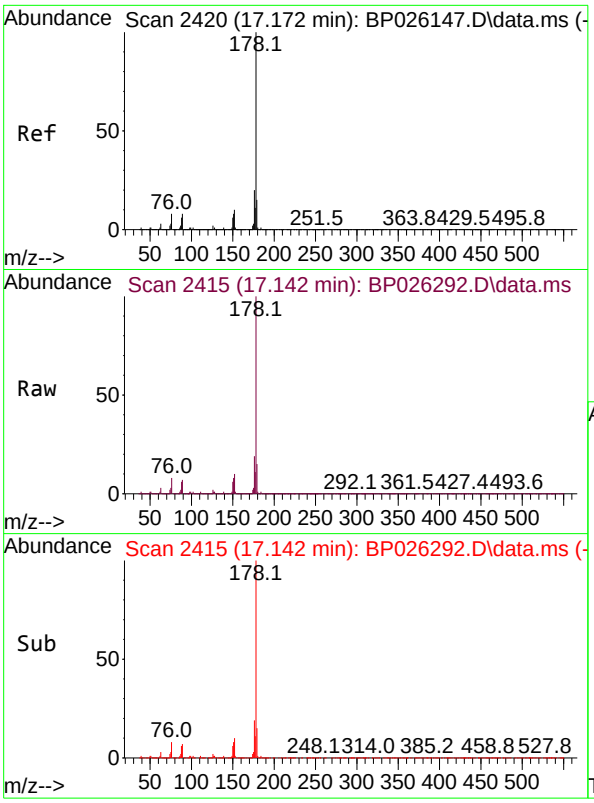


#70
Pentachlorophenol
Concen: 91.950 ng
RT: 16.742 min Scan# 2347
Delta R.T. -0.000 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:266 Resp: 990390

Ion	Ratio	Lower	Upper
266	100		
268	64.3	51.0	76.4
264	63.4	50.2	75.2

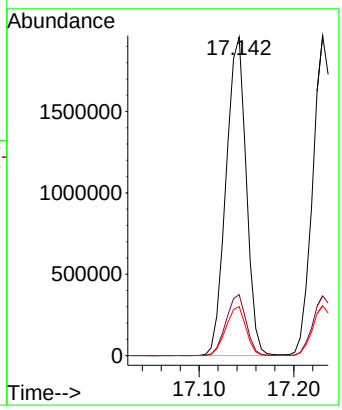




#71
Phenanthrene
Concen: 42.713 ng
RT: 17.142 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:178 Resp: 290162

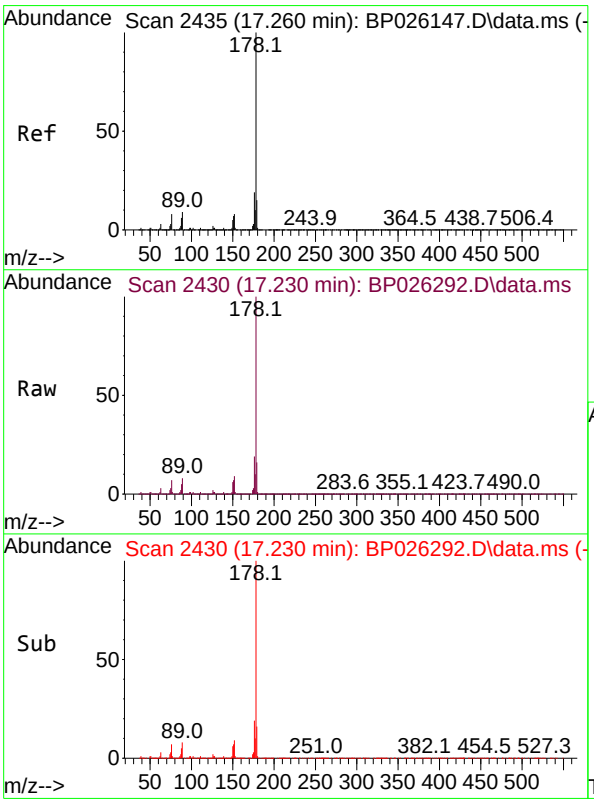
Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.4	12.4	18.6



Instrument :
BNA_P
ClientSampleId :
PB170902BS

Manual Integrations
APPROVED

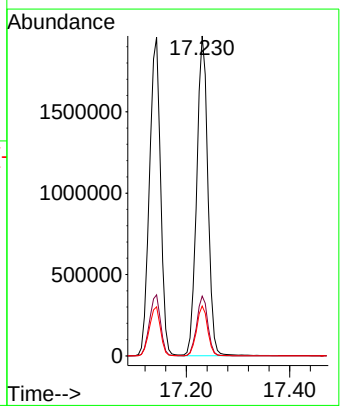
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

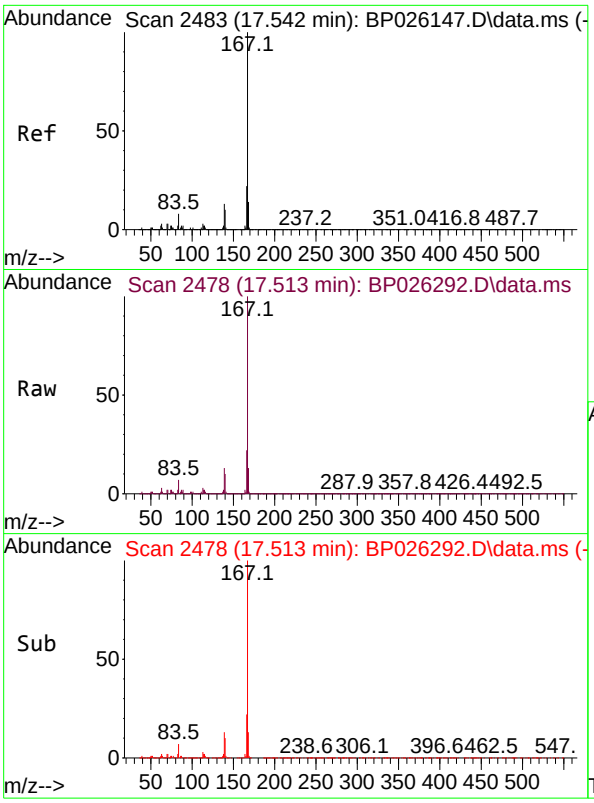


#72
Anthracene
Concen: 42.507 ng
RT: 17.230 min Scan# 2430
Delta R.T. -0.000 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:178 Resp: 2941177

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.8	22.2
179	15.6	12.2	18.4

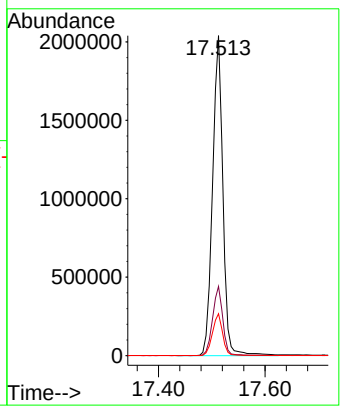




#73
Carbazole
Concen: 41.966 ng
RT: 17.513 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:167 Resp: 274895

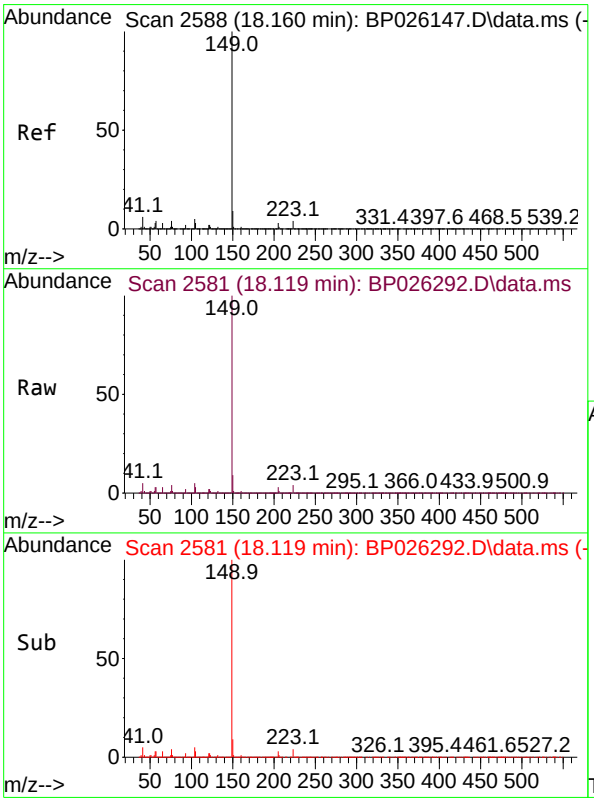
Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.1	25.7
139	13.1	10.2	15.4



Instrument :
BNA_P
ClientSampleId :
PB170902BS

Manual Integrations
APPROVED

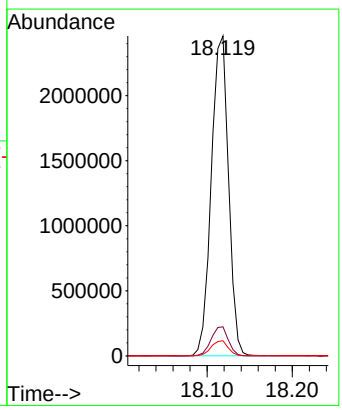
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

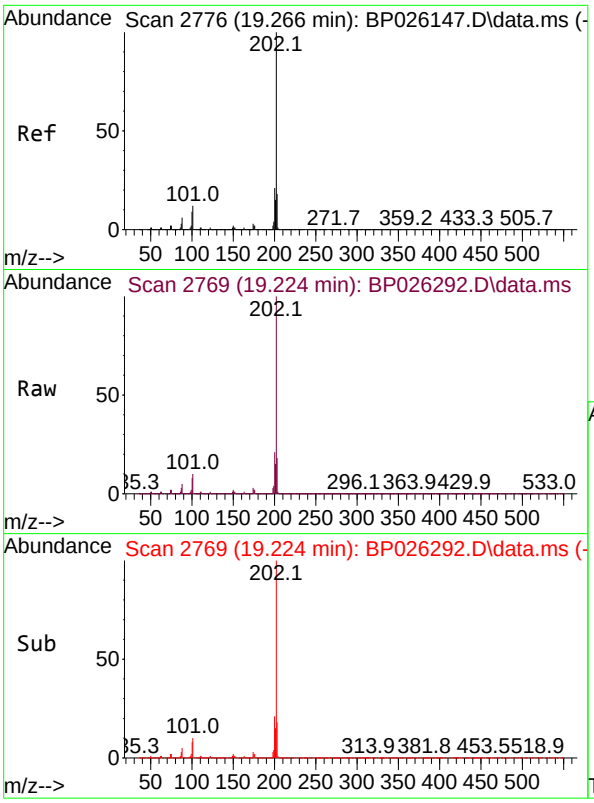


#74
Di-n-butylphthalate
Concen: 44.604 ng
RT: 18.119 min Scan# 2581
Delta R.T. -0.006 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:149 Resp: 3451836

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.5	11.3
104	4.7	3.6	5.4

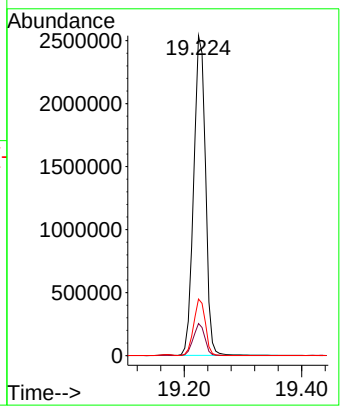




#75
Fluoranthene
Concen: 42.802 ng
RT: 19.224 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:202 Resp: 353871

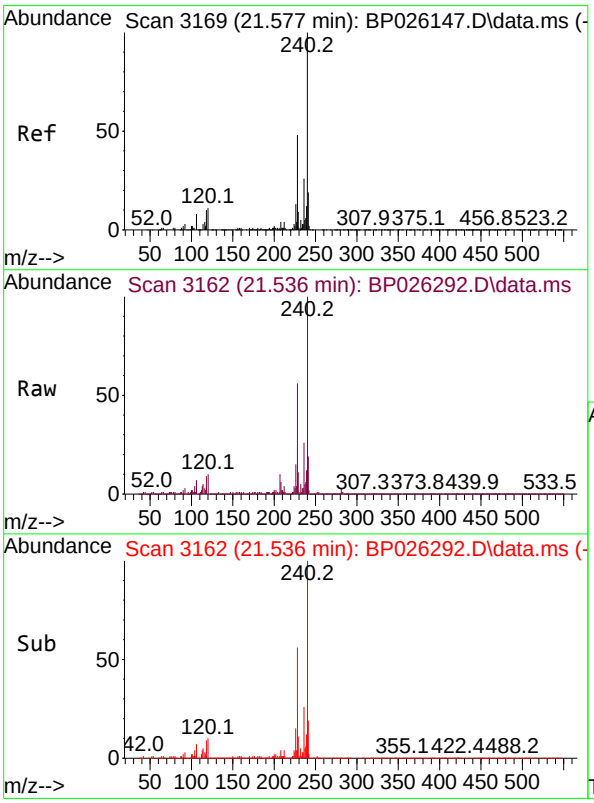
Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	31.2
203	17.7	0.0	37.7



Instrument :
BNA_P
ClientSampleId :
PB170902BS

Manual Integrations
APPROVED

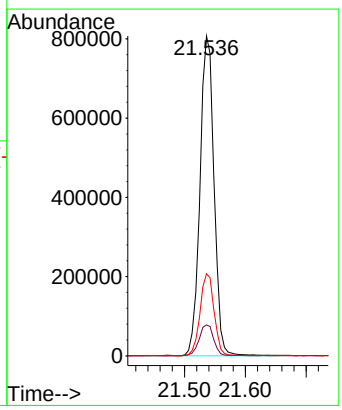
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

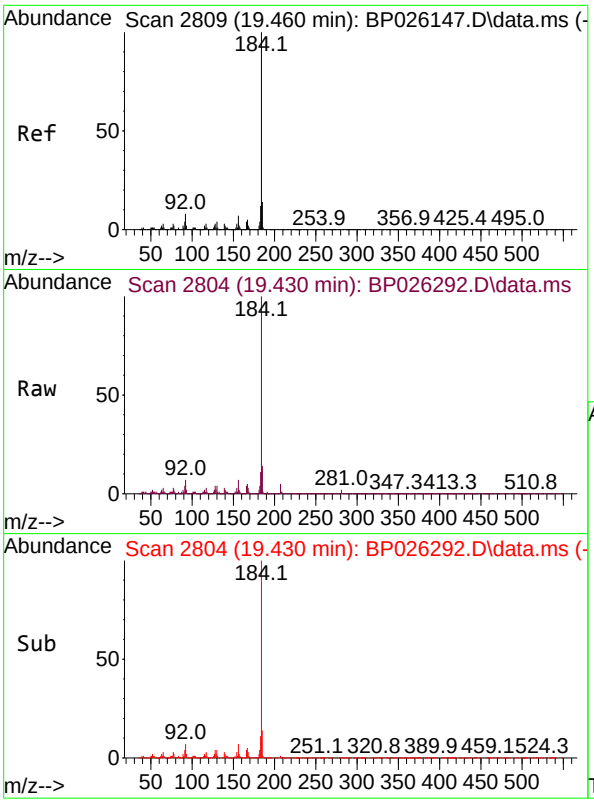


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.536 min Scan# 3162
Delta R.T. -0.000 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:240 Resp: 1295183

Ion	Ratio	Lower	Upper
240	100		
120	9.7	9.0	13.4
236	25.7	20.4	30.6

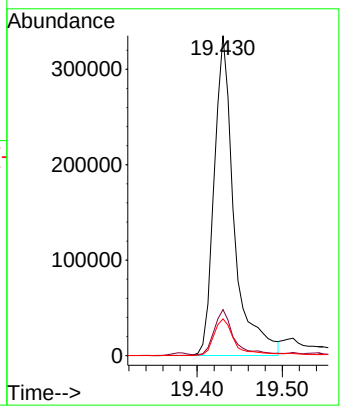




#77
Benzidine
Concen: 13.461 ng
RT: 19.430 min Scan# 28
Delta R.T. -0.000 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:184 Resp: 54739

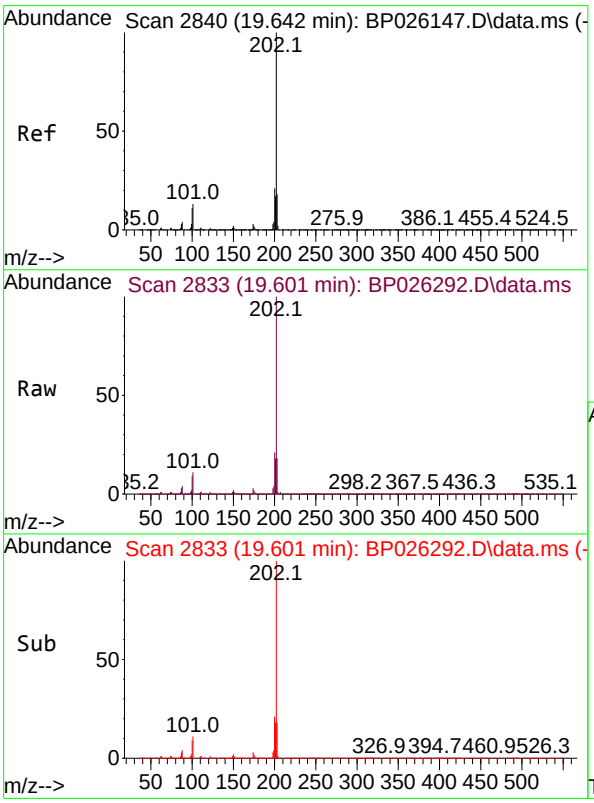
Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.3	16.9
183	11.5	9.0	13.6



Instrument :
BNA_P
ClientSampleId :
PB170902BS

Manual Integrations
APPROVED

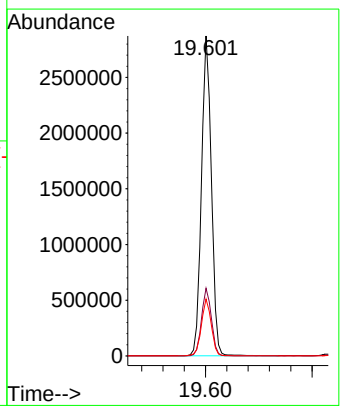
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

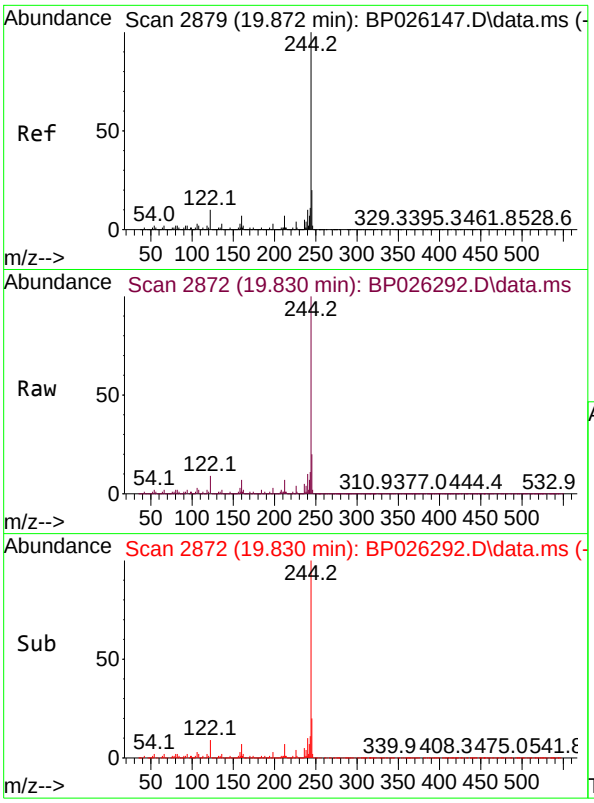


#78
Pyrene
Concen: 43.820 ng
RT: 19.601 min Scan# 2833
Delta R.T. -0.012 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:202 Resp: 3698426

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.8	13.8	20.8





#79
Terphenyl-d14
Concen: 84.236 ng
RT: 19.830 min Scan# 28
Delta R.T. -0.006 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

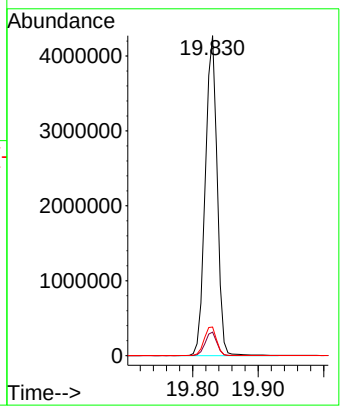
Instrument :
BNA_P
ClientSampleId :
PB170902BS

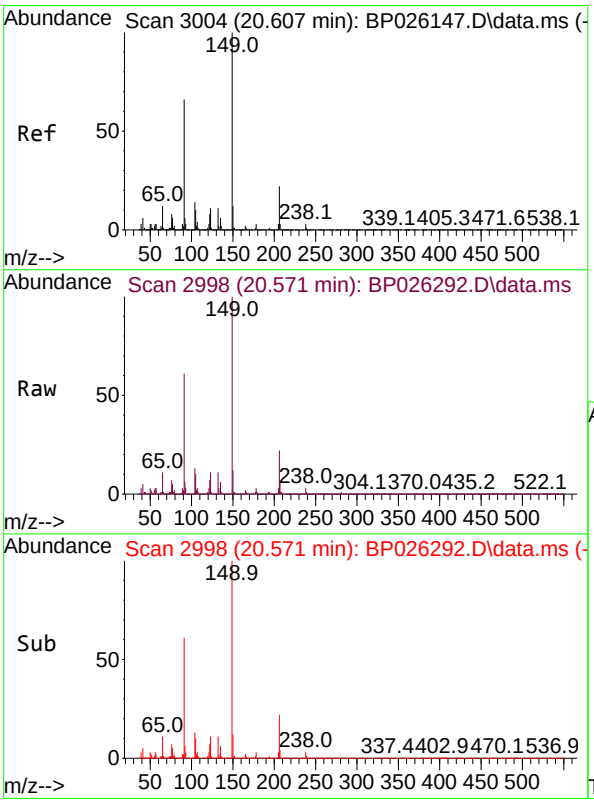
Tgt Ion:244 Resp: 533785

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	8.9	8.2	12.2

Manual Integrations
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Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

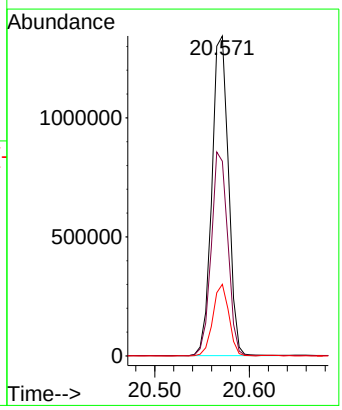


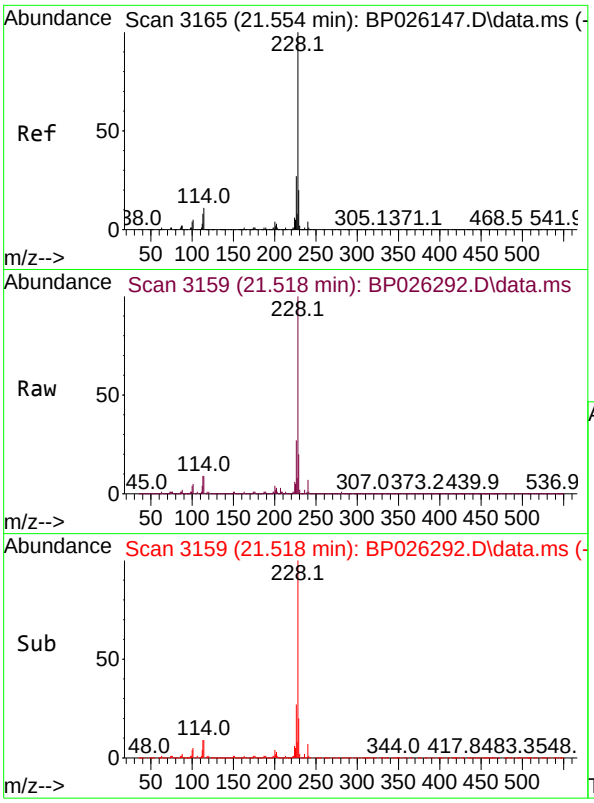


#80
Butylbenzylphthalate
Concen: 44.096 ng
RT: 20.571 min Scan# 2998
Delta R.T. -0.000 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:149 Resp: 1633360

Ion	Ratio	Lower	Upper
149	100		
91	60.8	52.6	79.0
206	22.4	16.9	25.3

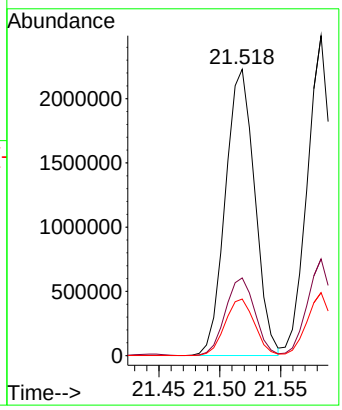




#81
Benzo(a)anthracene
Concen: 42.168 ng
RT: 21.518 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:228 Resp: 374647

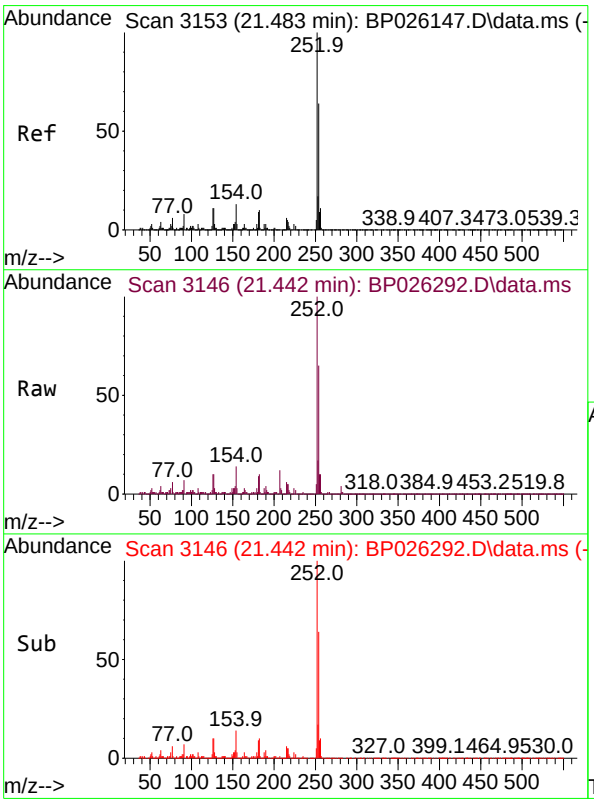
Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.8	32.8
229	19.8	15.9	23.9



Instrument :
BNA_P
ClientSampleId :
PB170902BS

Manual Integrations
APPROVED

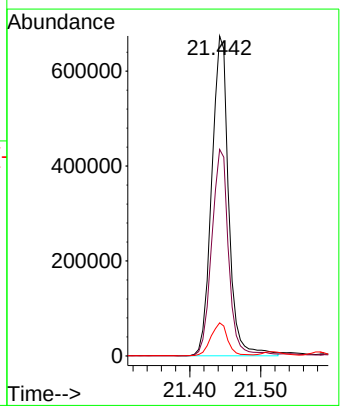
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

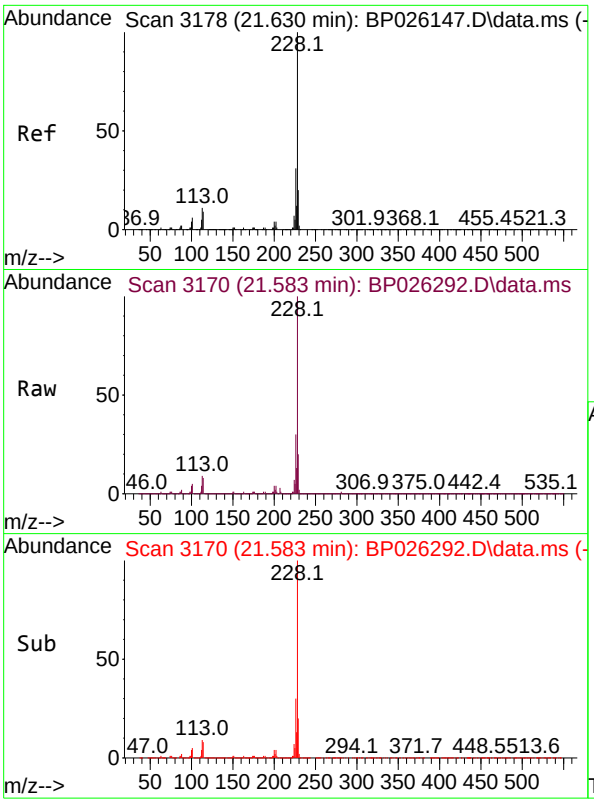


#82
3,3'-Dichlorobenzidine
Concen: 34.564 ng
RT: 21.442 min Scan# 3146
Delta R.T. -0.006 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:252 Resp: 1117297

Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.2	76.8
126	10.3	8.2	12.4

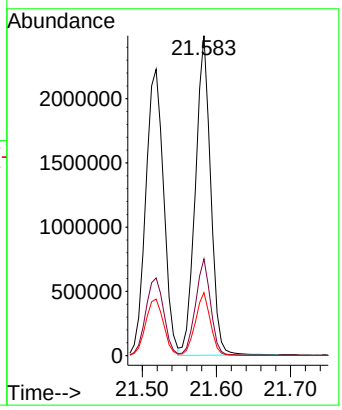




#83
Chrysene
Concen: 42.176 ng
RT: 21.583 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:228 Resp: 354804

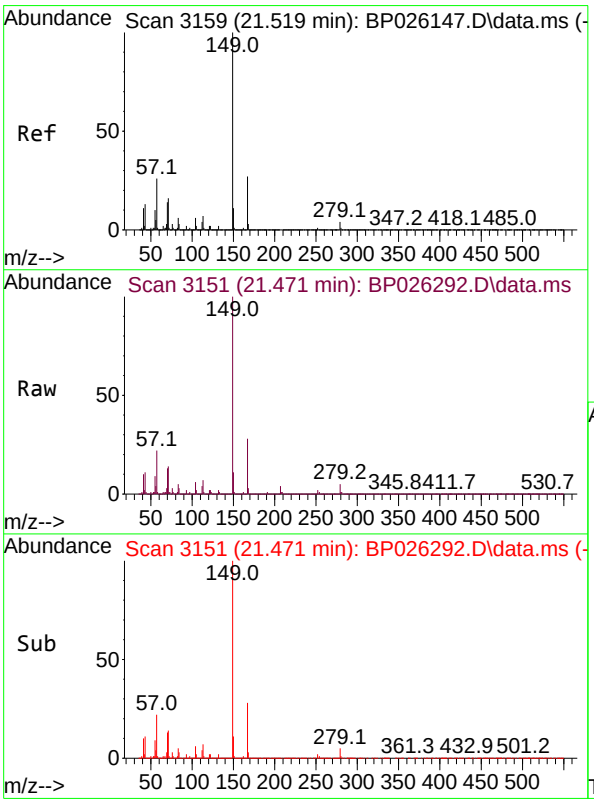
Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.9	35.9
229	19.7	15.9	23.9



Instrument :
BNA_P
ClientSampleId :
PB170902BS

Manual Integrations
APPROVED

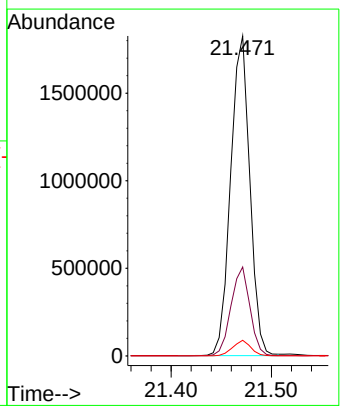
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

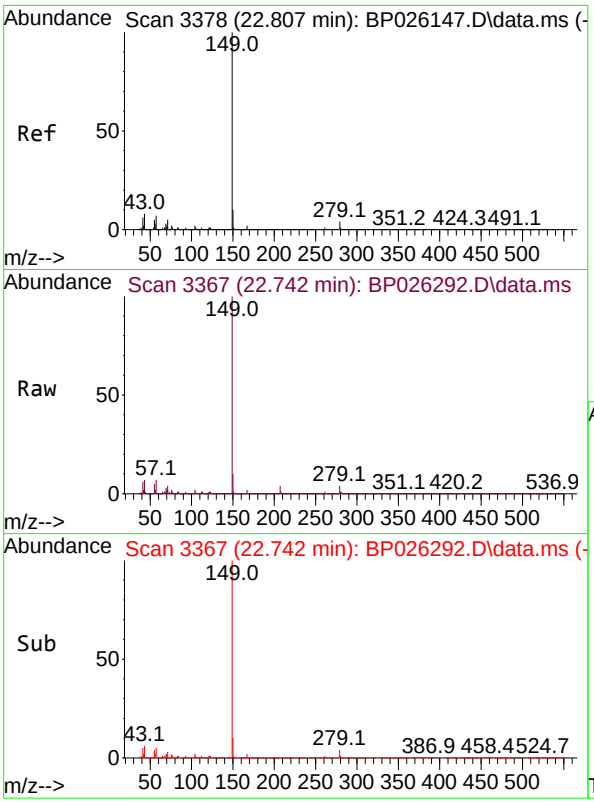


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.482 ng
RT: 21.471 min Scan# 3151
Delta R.T. -0.000 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:149 Resp: 2422723

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.1	33.1
279	4.9	3.3	4.9

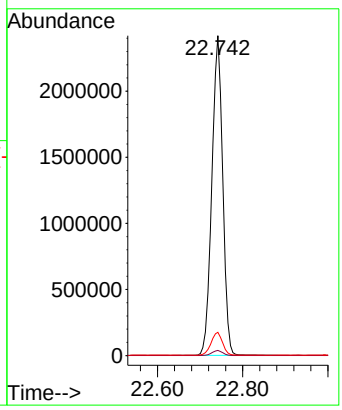




#85
Di-n-octyl phthalate
Concen: 43.562 ng
RT: 22.742 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:149 Resp: 427906

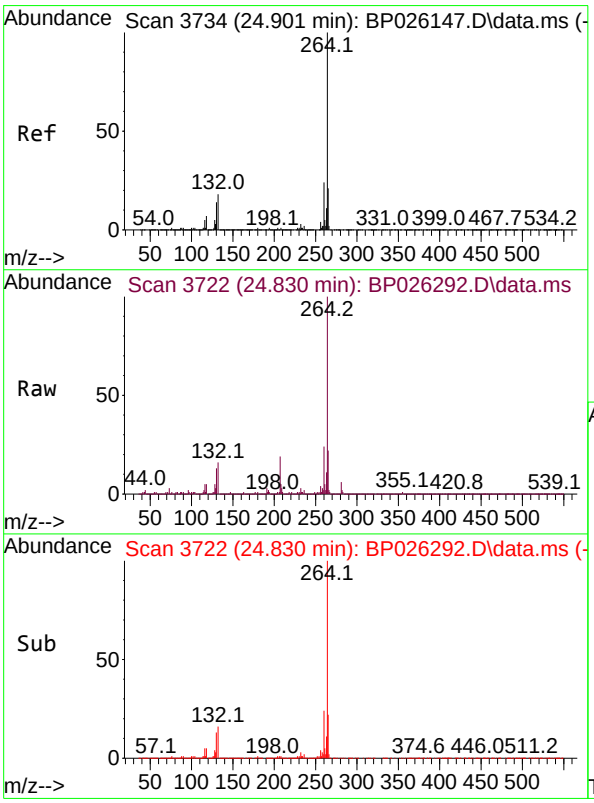
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.4	6.6	10.0



Instrument :
BNA_P
ClientSampleId :
PB170902BS

Manual Integrations
APPROVED

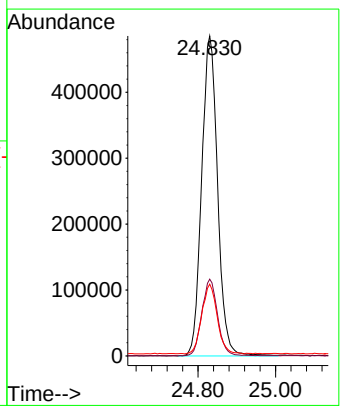
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

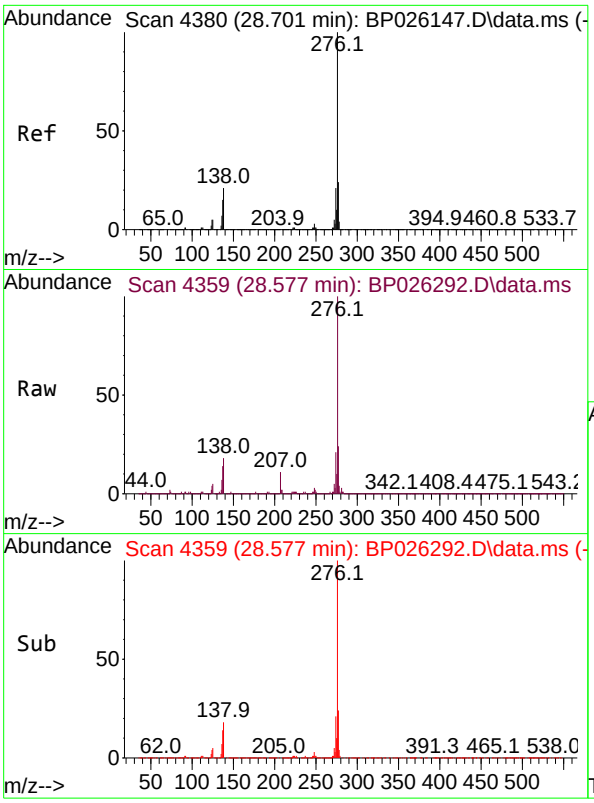


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.830 min Scan# 3722
Delta R.T. 0.006 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:264 Resp: 1383311

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	22.4	17.5	26.3

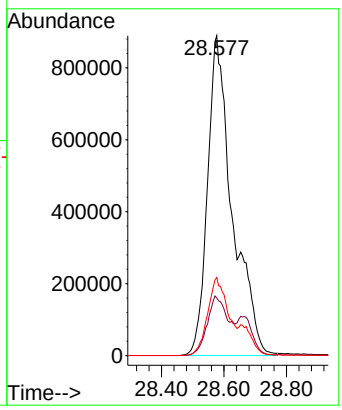




#87
Indeno(1,2,3-cd)pyrene
Concen: 46.969 ng m
RT: 28.577 min Scan# 4
Delta R.T. -0.006 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:276 Resp: 491036

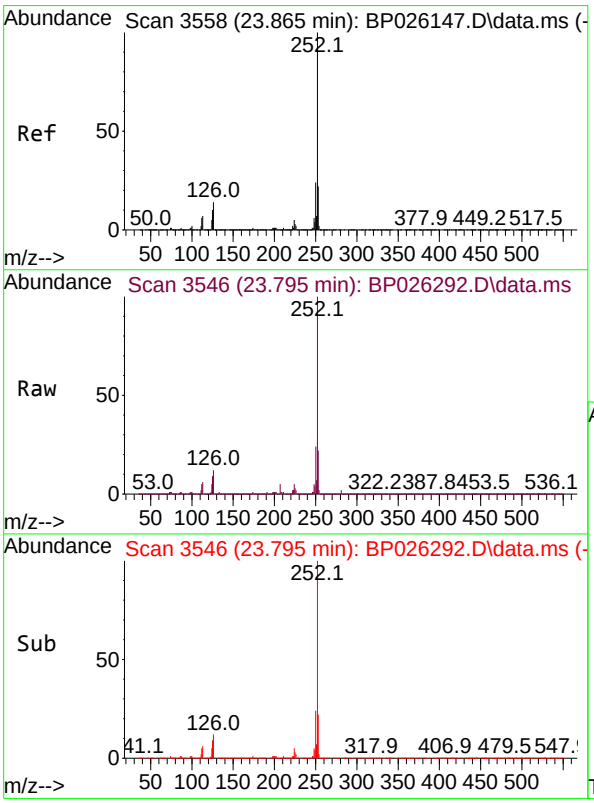
Ion	Ratio	Lower	Upper
276	100		
138	15.3	13.8	20.8
277	20.1	16.7	25.1



Instrument :
BNA_P
ClientSampleId :
PB170902BS

Manual Integrations
APPROVED

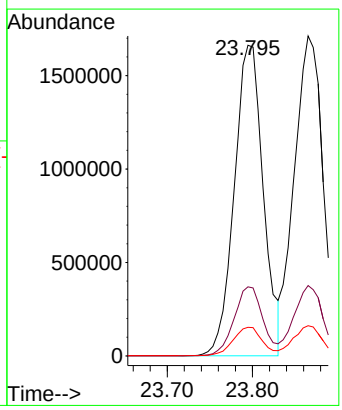
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

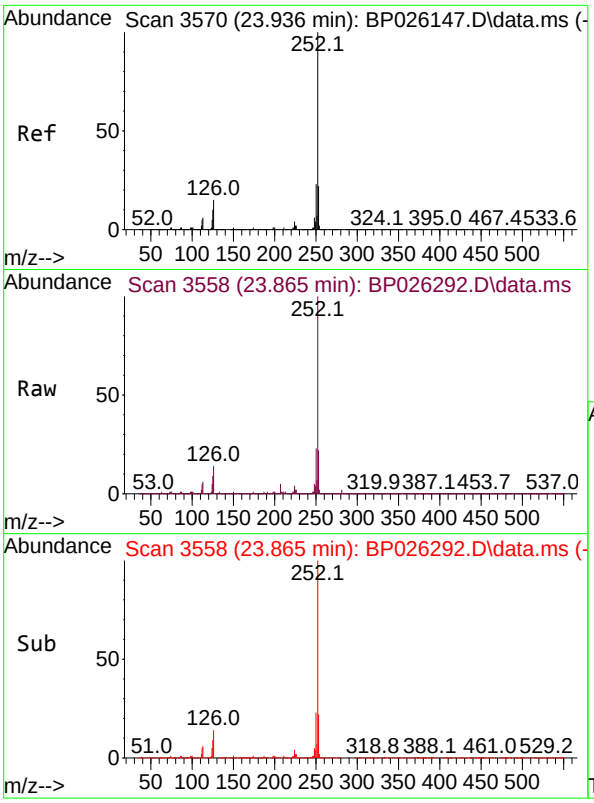


#88
Benzo(b)fluoranthene
Concen: 46.787 ng
RT: 23.795 min Scan# 3546
Delta R.T. -0.000 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:252 Resp: 3933450

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	9.2	8.2	12.4

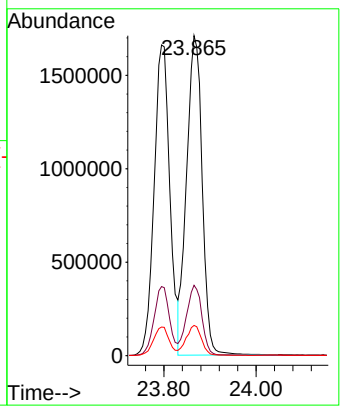




#89
Benzo(k)fluoranthene
Concen: 48.014 ng
RT: 23.865 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:252 Resp: 403786

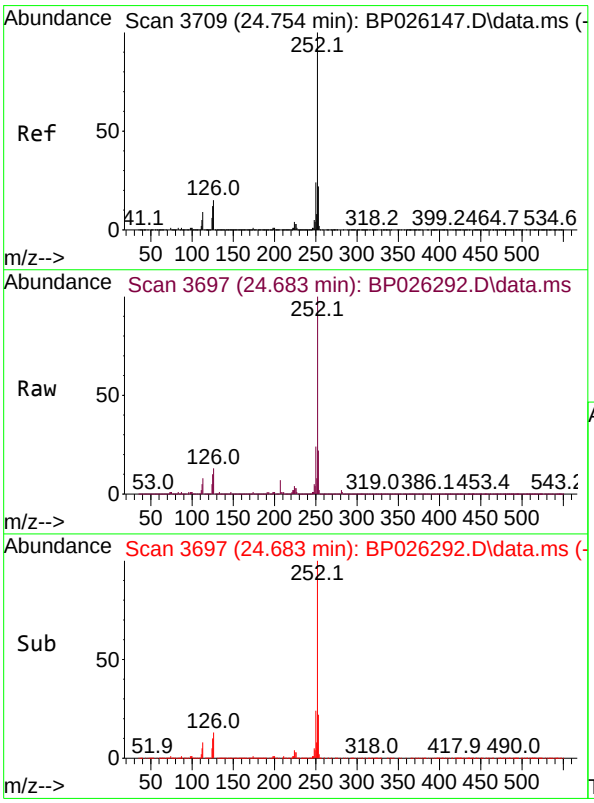
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	9.4	7.5	11.3



Instrument :
BNA_P
ClientSampleId :
PB170902BS

Manual Integrations
APPROVED

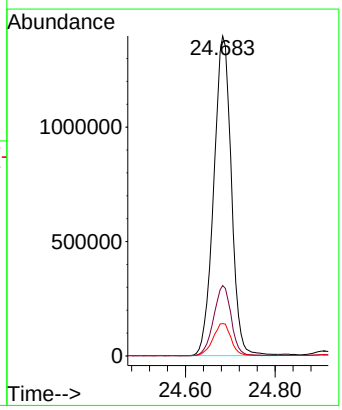
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

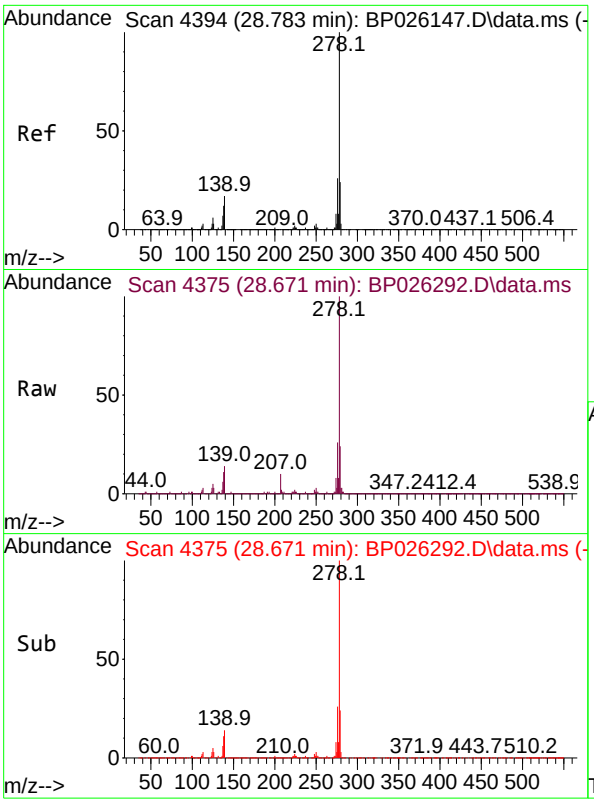


#90
Benzo(a)pyrene
Concen: 47.796 ng
RT: 24.683 min Scan# 3697
Delta R.T. -0.000 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:252 Resp: 3810270

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	10.1	9.0	13.6

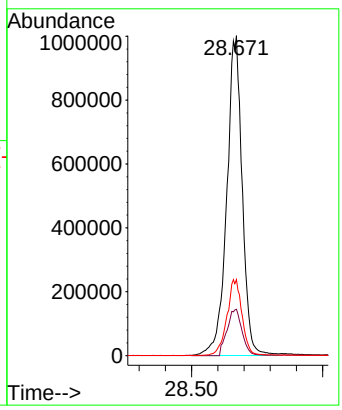




#91
Dibenzo(a,h)anthracene
Concen: 47.910 ng
RT: 28.671 min Scan# 4
Delta R.T. 0.023 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:278 Resp: 409680

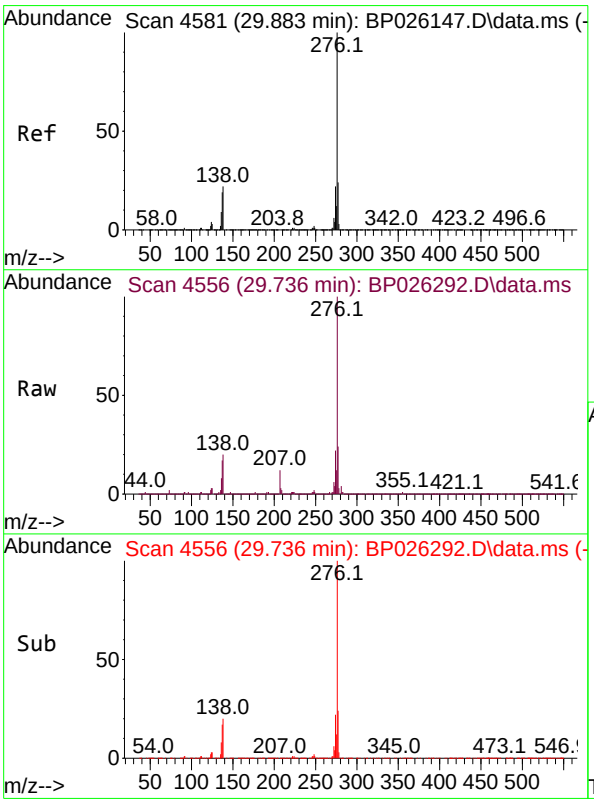
Ion	Ratio	Lower	Upper
278	100		
139	14.5	13.2	19.8
279	23.8	19.2	28.8



Instrument :
BNA_P
ClientSampleId :
PB170902BS

Manual Integrations
APPROVED

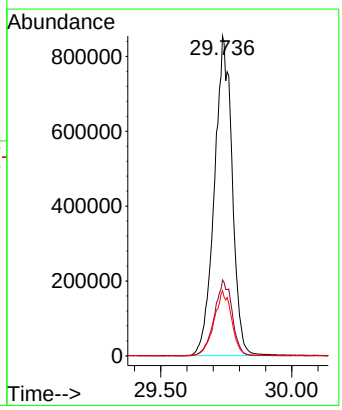
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#92
Benzo(g,h,i)perylene
Concen: 47.158 ng
RT: 29.736 min Scan# 4556
Delta R.T. -0.012 min
Lab File: BP026292.D
Acq: 11 Dec 2025 14:26

Tgt Ion:276 Resp: 4019918

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	20.3	17.8	26.6



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

Report of Analysis

Client:	Woodard & Curran	Date Collected:	12/10/25
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	12/10/25
Client Sample ID:	PL-01-12102025MS	SDG No.:	Q3834
Lab Sample ID:	Q3831-01MS	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	91.4
Sample Wt/Vol:	50.04 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 12/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	950		1	100	220	ug/Kg	12/11/25 22:44	PB170902
108-95-2	Phenol	920		1	14.5	110	ug/Kg	12/11/25 22:44	PB170902
111-44-4	bis(2-Chloroethyl)ether	860		1	15.9	110	ug/Kg	12/11/25 22:44	PB170902
95-57-8	2-Chlorophenol	950		1	16.0	110	ug/Kg	12/11/25 22:44	PB170902
95-48-7	2-Methylphenol	930		1	19.6	110	ug/Kg	12/11/25 22:44	PB170902
108-60-1	2,2-oxybis(1-Chloropropane)	840		1	24.6	110	ug/Kg	12/11/25 22:44	PB170902
98-86-2	Acetophenone	920		1	19.3	110	ug/Kg	12/11/25 22:44	PB170902
65794-96-9	3+4-Methylphenols	900		1	27.0	220	ug/Kg	12/11/25 22:44	PB170902
621-64-7	n-Nitroso-di-n-propylamine	860		1	31.1	52.5	ug/Kg	12/11/25 22:44	PB170902
67-72-1	Hexachloroethane	910		1	11.5	110	ug/Kg	12/11/25 22:44	PB170902
98-95-3	Nitrobenzene	940		1	12.0	110	ug/Kg	12/11/25 22:44	PB170902
78-59-1	Isophorone	900		1	21.5	110	ug/Kg	12/11/25 22:44	PB170902
88-75-5	2-Nitrophenol	1000		1	38.2	110	ug/Kg	12/11/25 22:44	PB170902
105-67-9	2,4-Dimethylphenol	980		1	42.5	110	ug/Kg	12/11/25 22:44	PB170902
111-91-1	bis(2-Chloroethoxy)methane	900		1	20.2	110	ug/Kg	12/11/25 22:44	PB170902
120-83-2	2,4-Dichlorophenol	1000		1	18.6	110	ug/Kg	12/11/25 22:44	PB170902
91-20-3	Naphthalene	1000		1	14.9	110	ug/Kg	12/11/25 22:44	PB170902
106-47-8	4-Chloroaniline	270		1	23.2	110	ug/Kg	12/11/25 22:44	PB170902
87-68-3	Hexachlorobutadiene	1000		1	16.6	110	ug/Kg	12/11/25 22:44	PB170902
105-60-2	Caprolactam	860		1	34.2	220	ug/Kg	12/11/25 22:44	PB170902
59-50-7	4-Chloro-3-methylphenol	960		1	18.8	110	ug/Kg	12/11/25 22:44	PB170902
91-57-6	2-Methylnaphthalene	930		1	16.8	110	ug/Kg	12/11/25 22:44	PB170902
77-47-4	Hexachlorocyclopentadiene	1100		1	76.1	220	ug/Kg	12/11/25 22:44	PB170902
88-06-2	2,4,6-Trichlorophenol	1000		1	13.0	110	ug/Kg	12/11/25 22:44	PB170902
95-95-4	2,4,5-Trichlorophenol	1000		1	19.1	110	ug/Kg	12/11/25 22:44	PB170902
92-52-4	1,1-Biphenyl	950		1	14.3	110	ug/Kg	12/11/25 22:44	PB170902
91-58-7	2-Chloronaphthalene	950		1	14.8	110	ug/Kg	12/11/25 22:44	PB170902
88-74-4	2-Nitroaniline	960		1	31.6	110	ug/Kg	12/11/25 22:44	PB170902
131-11-3	Dimethylphthalate	940		1	17.8	110	ug/Kg	12/11/25 22:44	PB170902
208-96-8	Acenaphthylene	1100		1	19.0	110	ug/Kg	12/11/25 22:44	PB170902
606-20-2	2,6-Dinitrotoluene	1000		1	22.0	110	ug/Kg	12/11/25 22:44	PB170902
99-09-2	3-Nitroaniline	550		1	30.2	110	ug/Kg	12/11/25 22:44	PB170902
83-32-9	Acenaphthene	1000		1	14.0	110	ug/Kg	12/11/25 22:44	PB170902
51-28-5	2,4-Dinitrophenol	1800	E	1	150	220	ug/Kg	12/11/25 22:44	PB170902
100-02-7	4-Nitrophenol	1700		1	70.2	220	ug/Kg	12/11/25 22:44	PB170902
132-64-9	Dibenzofuran	1000		1	14.9	110	ug/Kg	12/11/25 22:44	PB170902
121-14-2	2,4-Dinitrotoluene	990		1	32.9	110	ug/Kg	12/11/25 22:44	PB170902
84-66-2	Diethylphthalate	950		1	18.6	110	ug/Kg	12/11/25 22:44	PB170902
7005-72-3	4-Chlorophenyl-phenylether	970		1	17.5	110	ug/Kg	12/11/25 22:44	PB170902
86-73-7	Fluorene	1100		1	16.6	110	ug/Kg	12/11/25 22:44	PB170902
100-01-6	4-Nitroaniline	780		1	42.1	110	ug/Kg	12/11/25 22:44	PB170902
534-52-1	4,6-Dinitro-2-methylphenol	880		1	67.6	220	ug/Kg	12/11/25 22:44	PB170902

Raw Data: **BP026304.D**

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

Report of Analysis

Client:	Woodard & Curran			Date Collected:	12/10/25
Project:	US EPA Riverside Industrial Park Superfund Site			Date Received:	12/10/25
Client Sample ID:	PL-01-12102025MS			SDG No.:	Q3834
Lab Sample ID:	Q3831-01MS			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	91.4
Sample Wt/Vol:	50.04 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	12/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	990		1	21.6	110	ug/Kg	12/11/25 22:44	PB170902
101-55-3	4-Bromophenyl-phenylether	1100		1	18.2	110	ug/Kg	12/11/25 22:44	PB170902
118-74-1	Hexachlorobenzene	1100		1	16.6	110	ug/Kg	12/11/25 22:44	PB170902
1912-24-9	Atrazine	980		1	22.3	110	ug/Kg	12/11/25 22:44	PB170902
87-86-5	Pentachlorophenol	2100	E	1	33.6	220	ug/Kg	12/11/25 22:44	PB170902
85-01-8	Phenanthrene	1500		1	13.7	110	ug/Kg	12/11/25 22:44	PB170902
120-12-7	Anthracene	1200		1	21.8	110	ug/Kg	12/11/25 22:44	PB170902
86-74-8	Carbazole	990		1	20.5	110	ug/Kg	12/11/25 22:44	PB170902
84-74-2	Di-n-butylphthalate	980		1	31.4	110	ug/Kg	12/11/25 22:44	PB170902
206-44-0	Fluoranthene	1700		1	19.7	110	ug/Kg	12/11/25 22:44	PB170902
129-00-0	Pyrene	1700		1	23.6	110	ug/Kg	12/11/25 22:44	PB170902
85-68-7	Butylbenzylphthalate	1000		1	46.8	110	ug/Kg	12/11/25 22:44	PB170902
91-94-1	3,3-Dichlorobenzidine	470		1	24.1	220	ug/Kg	12/11/25 22:44	PB170902
56-55-3	Benzo(a)anthracene	1400		1	15.1	110	ug/Kg	12/11/25 22:44	PB170902
218-01-9	Chrysene	1300		1	13.1	110	ug/Kg	12/11/25 22:44	PB170902
117-81-7	Bis(2-ethylhexyl)phthalate	970		1	38.8	110	ug/Kg	12/11/25 22:44	PB170902
117-84-0	Di-n-octyl phthalate	970		1	56.9	220	ug/Kg	12/11/25 22:44	PB170902
205-99-2	Benzo(b)fluoranthene	1400		1	12.5	110	ug/Kg	12/11/25 22:44	PB170902
207-08-9	Benzo(k)fluoranthene	1200		1	14.7	110	ug/Kg	12/11/25 22:44	PB170902
50-32-8	Benzo(a)pyrene	1400		1	19.3	110	ug/Kg	12/11/25 22:44	PB170902
193-39-5	Indeno(1,2,3-cd)pyrene	1200		1	19.1	110	ug/Kg	12/11/25 22:44	PB170902
53-70-3	Dibenzo(a,h)anthracene	1000		1	18.0	110	ug/Kg	12/11/25 22:44	PB170902
191-24-2	Benzo(g,h,i)perylene	1200		1	16.9	110	ug/Kg	12/11/25 22:44	PB170902
95-94-3	1,2,4,5-Tetrachlorobenzene	1000		1	16.8	110	ug/Kg	12/11/25 22:44	PB170902
123-91-1	1,4-Dioxane	750		1	29.6	110	ug/Kg	12/11/25 22:44	PB170902
58-90-2	2,3,4,6-Tetrachlorophenol	1000		1	18.0	110	ug/Kg	12/11/25 22:44	PB170902
SURROGATES									
367-12-4	2-Fluorophenol	67.7			30 (10) - 130 (105)	45%	SPK: 150		
13127-88-3	Phenol-d6	66.2			30 (10) - 130 (103)	44%	SPK: 150		
4165-60-0	Nitrobenzene-d5	45.4			30 (10) - 130 (108)	45%	SPK: 100		
321-60-8	2-Fluorobiphenyl	45.2			30 (10) - 130 (108)	45%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	74.3			30 (10) - 130 (116)	50%	SPK: 150		
1718-51-0	Terphenyl-d14	46.4			30 (10) - 130 (109)	46%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	294000							
1146-65-2	Naphthalene-d8	1130000							
15067-26-2	Acenaphthene-d10	699000							
1517-22-2	Phenanthrene-d10	1350000							
1719-03-5	Chrysene-d12	1430000							
1520-96-3	Perylene-d12	1650000							

Raw Data: **BP026304.D**

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

Report of Analysis

Client:	Woodard & Curran			Date Collected:	12/10/25
Project:	US EPA Riverside Industrial Park Superfund Site			Date Received:	12/10/25
Client Sample ID:	PL-01-12102025MS			SDG No.:	Q3834
Lab Sample ID:	Q3831-01MS			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	91.4
Sample Wt/Vol:	50.04 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	12/11/25		

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_P\Data\BP121125\
Data File : BP026304.D
Acq On : 11 Dec 2025 22:44
Operator : RC/JU
Sample : Q3831-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

Quant Time: Dec 11 23:44:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 05 14:52:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.649	152	293905	20.000	ng	0.00
21) Naphthalene-d8	10.407	136	1126201	20.000	ng	-0.01
39) Acenaphthene-d10	14.284	164	698745	20.000	ng	0.00
64) Phenanthrene-d10	17.089	188	1354726	20.000	ng	0.00
76) Chrysene-d12	21.542	240	1425670	20.000	ng	0.00
86) Perylene-d12	24.842	264	1646333	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	1237426	67.688	ng	0.00
7) Phenol-d6	6.837	99	1528623	66.243	ng	0.00
23) Nitrobenzene-d5	8.784	82	898116	45.393	ng	0.00
42) 2,4,6-Tribromophenol	15.813	330	675408	74.327	ng	0.00
45) 2-Fluorobiphenyl	12.884	172	2170160	45.155	ng	-0.02
79) Terphenyl-d14	19.836	244	3234084	46.366	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.208	88	255505	34.370	ng	97
3) Pyridine	3.602	79	701114	32.840	ng	98
4) n-Nitrosodimethylamine	3.514	42	321191	40.342	ng	95
6) Aniline	6.984	93	358729	11.847	ng	99
8) 2-Chlorophenol	7.225	128	906255	43.626	ng	100
9) Benzaldehyde	6.802	77	539727	43.386	ng	98
10) Phenol	6.860	94	1045075	42.102	ng	97
11) bis(2-Chloroethyl)ether	7.078	93	765622	39.340	ng	98
12) 1,3-Dichlorobenzene	7.543	146	953488	42.417	ng	99
13) 1,4-Dichlorobenzene	7.678	146	965563	42.625	ng	99
14) 1,2-Dichlorobenzene	7.996	146	944246	43.425	ng	100
15) Benzyl Alcohol	7.884	79	703371	41.930	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.166	45	1037430	38.194	ng	99
17) 2-Methylphenol	8.090	107	714873	42.433	ng	98
18) Hexachloroethane	8.713	117	343649	41.764	ng	94
19) n-Nitroso-di-n-propyla...	8.449	70	559345	39.322	ng	100
20) 3+4-Methylphenols	8.413	107	953142	40.971	ng	99
22) Acetophenone	8.460	105	1202179	42.083	ng	98
24) Nitrobenzene	8.831	77	857140	42.858	ng	99
25) Isophorone	9.354	82	1598193	41.172	ng	98
26) 2-Nitrophenol	9.537	139	475325	47.008	ng	97
27) 2,4-Dimethylphenol	9.601	122	800699	44.739	ng	98
28) bis(2-Chloroethoxy)met...	9.825	93	1002850	41.108	ng	99
29) 2,4-Dichlorophenol	10.066	162	841331	46.128	ng	99
30) 1,2,4-Trichlorobenzene	10.284	180	893436	47.653	ng	100
31) Naphthalene	10.460	128	2794676	45.901	ng	99
32) Benzoic acid	9.748	122	622469	43.418	ng	97
33) 4-Chloroaniline	10.572	127	314517	12.331	ng	99
34) Hexachlorobutadiene	10.748	225	585579	47.836	ng	99
35) Caprolactam	11.360	113	252995m	39.281	ng	
36) 4-Chloro-3-methylphenol	11.707	107	839596	43.750	ng	99
37) 2-Methylnaphthalene	12.078	142	1821627	42.451	ng	99
38) 1-Methylnaphthalene	12.301	142	1871871	44.651	ng	99
40) 1,2,4,5-Tetrachloroben...	12.454	216	1004020	47.071	ng	99
41) Hexachlorocyclopentadiene	12.437	237	647305	48.650	ng	99
43) 2,4,6-Trichlorophenol	12.701	196	687073	47.396	ng	99

Sample Results: **BP026304.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026304.D
Acq On : 11 Dec 2025 22:44
Operator : RC/JU
Sample : Q3831-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 11 23:44:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 05 14:52:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.772	196	747220	46.281	ng	99
46) 1,1'-Biphenyl	13.101	154	2298852	43.570	ng	99
47) 2-Chloronaphthalene	13.142	162	1810799	43.561	ng	99
48) 2-Nitroaniline	13.348	65	498305	43.766	ng	96
49) Acenaphthylene	14.001	152	3356252	49.200	ng	99
50) Dimethylphthalate	13.748	163	2239528	43.014	ng	100
51) 2,6-Dinitrotoluene	13.860	165	489749	47.599	ng	96
52) Acenaphthene	14.360	154	1834585	45.993	ng	100
53) 3-Nitroaniline	14.189	138	302898	25.184	ng	98
54) 2,4-Dinitrophenol	14.407	184	453677	82.704	ng	98
55) Dibenzofuran	14.701	168	2848970	45.928	ng	99
56) 4-Nitrophenol	14.525	139	849507	79.101	ng	92
57) 2,4-Dinitrotoluene	14.648	165	694890	45.400	ng	99
58) Fluorene	15.348	166	2427911	49.475	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.931	232	654945	47.927	ng	99
60) Diethylphthalate	15.142	149	2273713	43.541	ng	99
61) 4-Chlorophenyl-phenyle...	15.360	204	1086265	44.395	ng	97
62) 4-Nitroaniline	15.378	138	446509	35.770	ng	91
63) Azobenzene	15.654	77	2060287	46.920	ng	97
65) 4,6-Dinitro-2-methylph...	15.442	198	321412	40.169	ng	98
66) n-Nitrosodiphenylamine	15.572	169	1901710	45.402	ng	99
67) 4-Bromophenyl-phenylether	16.272	248	723153	48.150	ng	98
68) Hexachlorobenzene	16.378	284	848577	48.616	ng	97
69) Atrazine	16.560	200	705686	44.809	ng	99
70) Pentachlorophenol	16.736	266	1161181	95.894	ng	99
71) Phenanthrene	17.130	178	5399545	70.701	ng	100
72) Anthracene	17.230	178	4104774	52.769	ng	100
73) Carbazole	17.507	167	3320310	45.087	ng	99
74) Di-n-butylphthalate	18.107	149	3915082	45.000	ng	99
75) Fluoranthene	19.236	202	7183028	77.282	ng	97
77) Benzidine	19.424	184	1238633	27.672	ng	99
78) Pyrene	19.613	202	7202140	77.522	ng	99
80) Butylbenzylphthalate	20.571	149	1873089	45.939	ng	98
81) Benzo(a)anthracene	21.524	228	6072999	62.098	ng	98
82) 3,3'-Dichlorobenzidine	21.436	252	770918	21.666	ng	100
83) Chrysene	21.589	228	5650291	61.018	ng	98
84) Bis(2-ethylhexyl)phtha...	21.471	149	2728731	44.491	ng	100
85) Di-n-octyl phthalate	22.736	149	4793558	44.333	ng	97
87) Indeno(1,2,3-cd)pyrene	28.595	276	6626685	53.259	ng	98
88) Benzo(b)fluoranthene	23.801	252	6632481	66.288	ng	98
89) Benzo(k)fluoranthene	23.865	252	5289470	52.849	ng	98
90) Benzo(a)pyrene	24.689	252	6058181	63.853	ng	98
91) Dibenzo(a,h)anthracene	28.677	278	4814804	47.311	ng	97
92) Benzo(g,h,i)perylene	29.759	276	5739568	56.574	ng	97

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

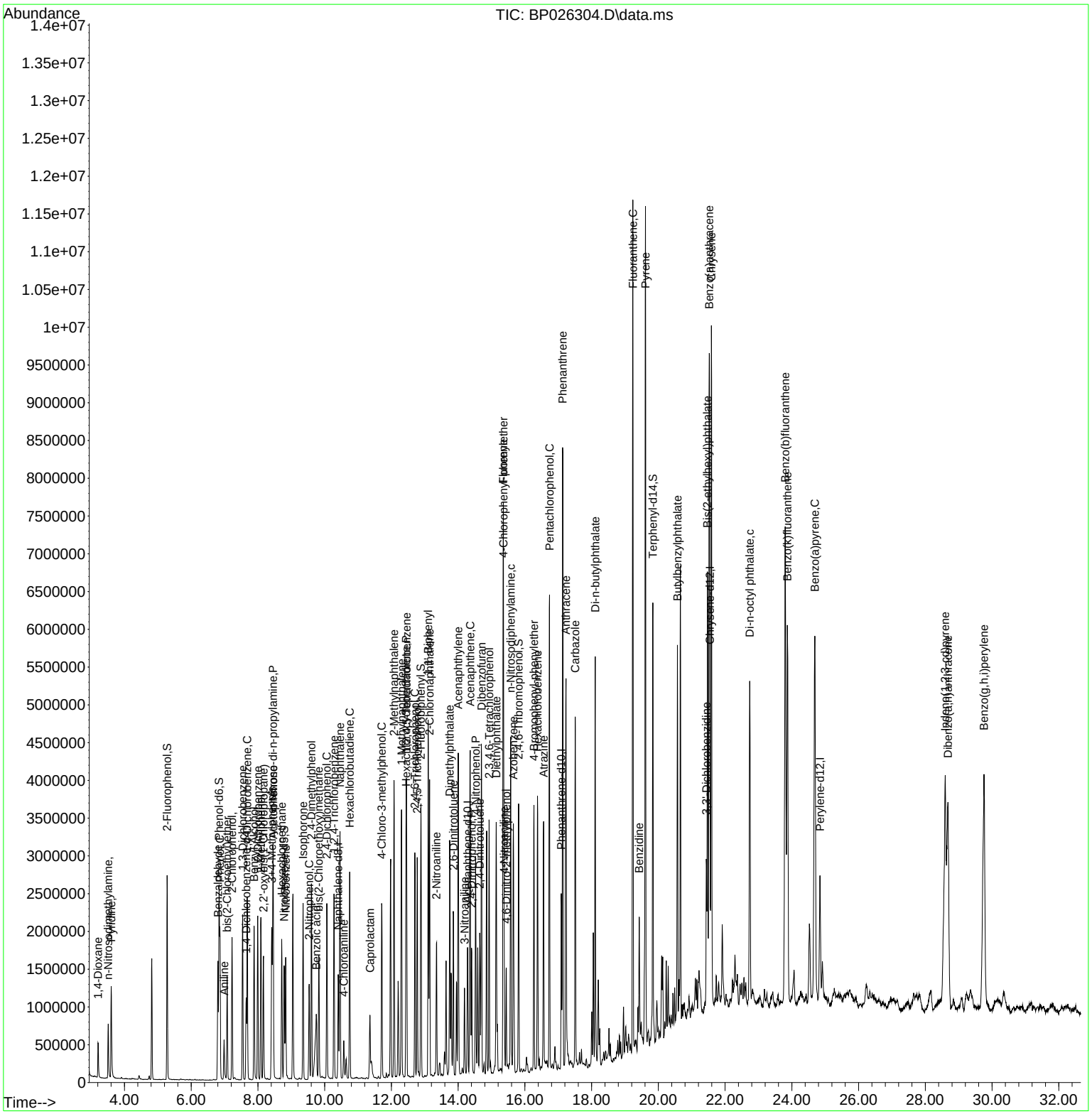
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Data File : BP026304.D
Acq On : 11 Dec 2025 22:44
Operator : RC/JU
Sample : Q3831-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

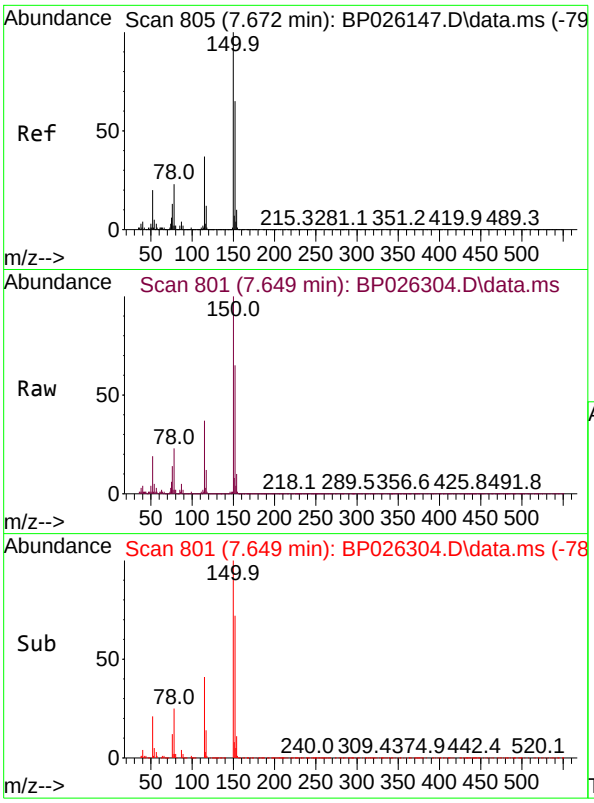
Quant Time: Dec 11 23:44:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 05 14:52:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

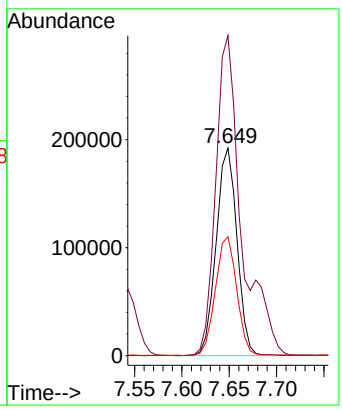




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.649 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:152 Resp: 29390

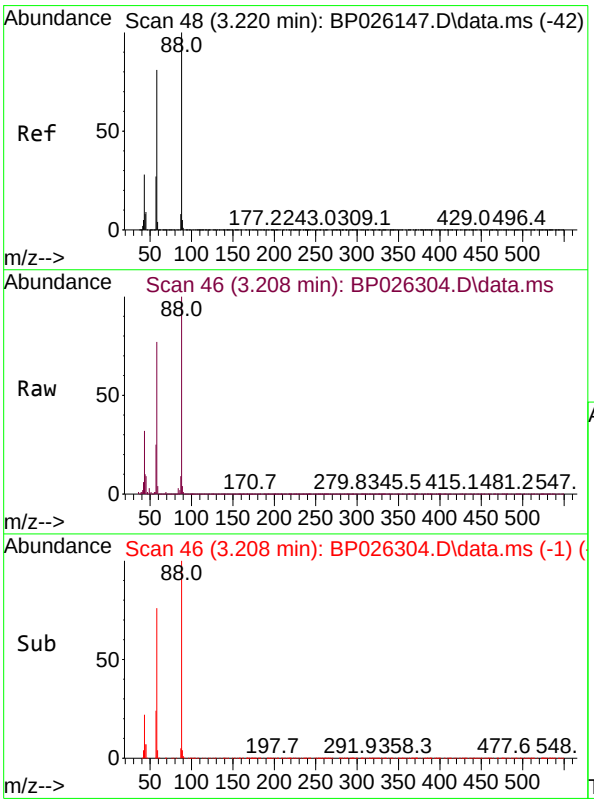
Ion	Ratio	Lower	Upper
152	100		
150	154.2	123.0	184.6
115	57.3	46.3	69.5



Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MS

Manual Integrations
APPROVED

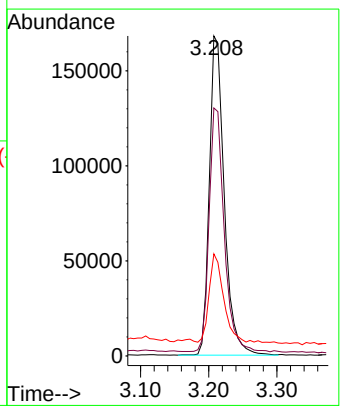
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

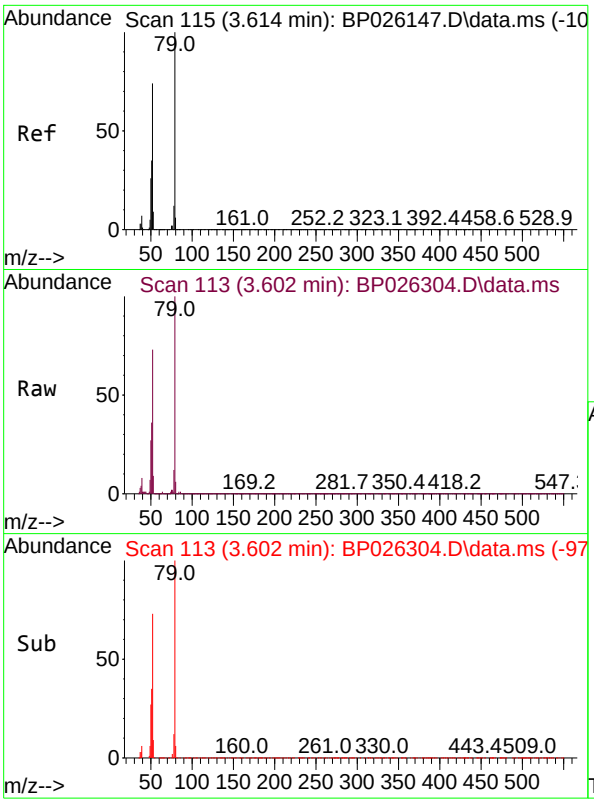


#2
1,4-Dioxane
Concen: 34.370 ng
RT: 3.208 min Scan# 46
Delta R.T. -0.006 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion: 88 Resp: 255505

Ion	Ratio	Lower	Upper
88	100		
58	77.3	64.2	96.4
43	28.3	21.5	32.3

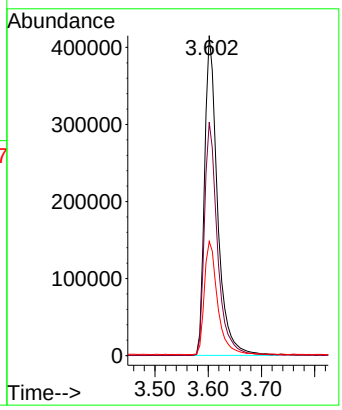




#3
Pyridine
Concen: 32.840 ng
RT: 3.602 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion: 79 Resp: 70111

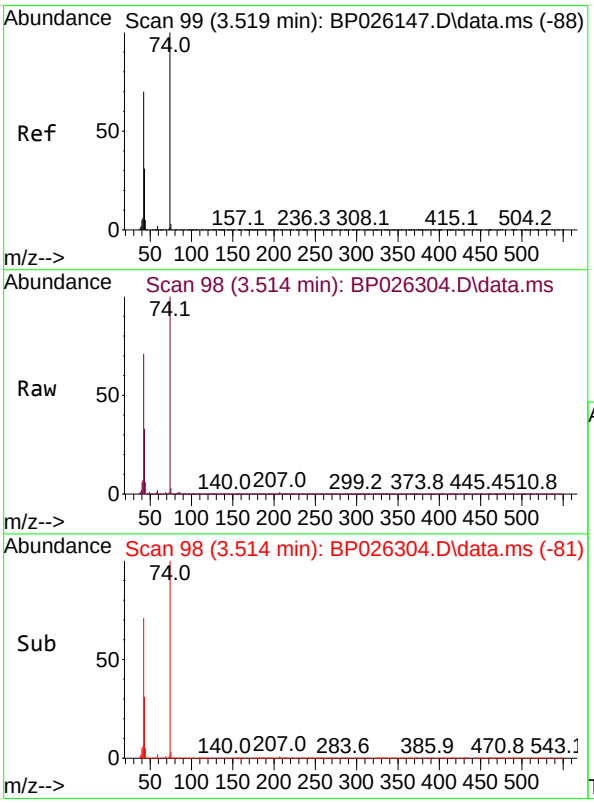
Ion	Ratio	Lower	Upper
79	100		
52	72.9	60.2	90.2
51	35.7	29.5	44.3



Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MS

Manual Integrations
APPROVED

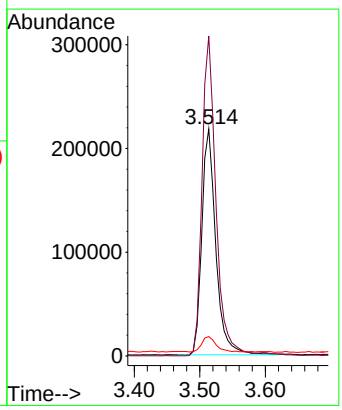
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

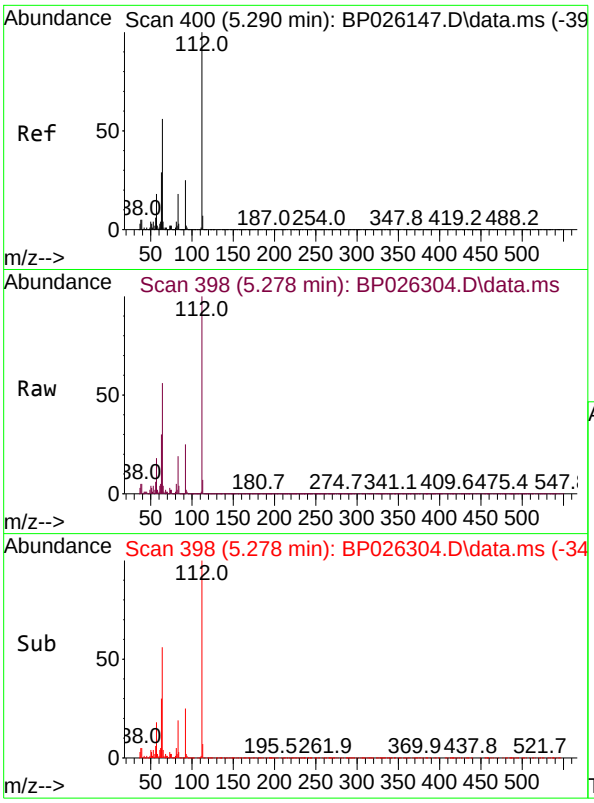


#4
n-Nitrosodimethylamine
Concen: 40.342 ng
RT: 3.514 min Scan# 98
Delta R.T. -0.000 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion: 42 Resp: 321191

Ion	Ratio	Lower	Upper
42	100		
74	141.0	118.1	177.1
44	8.5	6.2	9.4

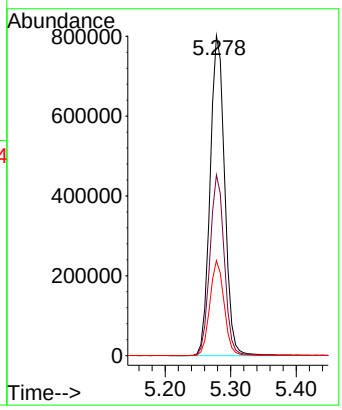




#5
2-Fluorophenol
Concen: 67.688 ng
RT: 5.278 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:112 Resp: 123742

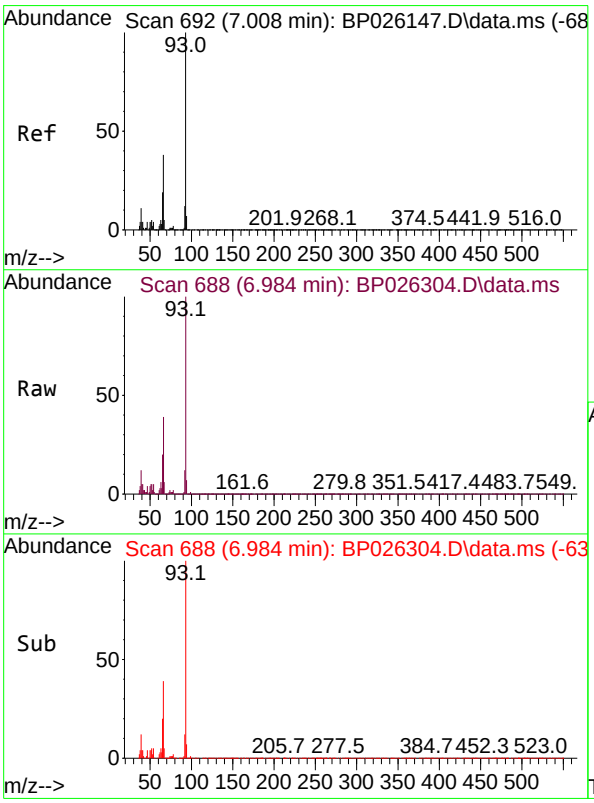
Ion	Ratio	Lower	Upper
112	100		
64	56.5	45.8	68.6
63	29.7	23.5	35.3



Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MS

Manual Integrations
APPROVED

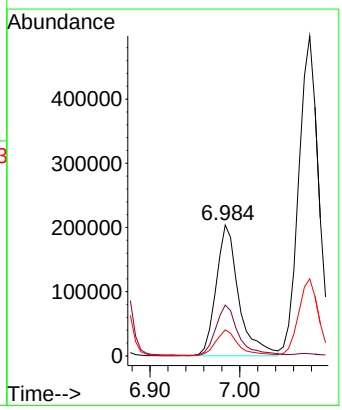
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

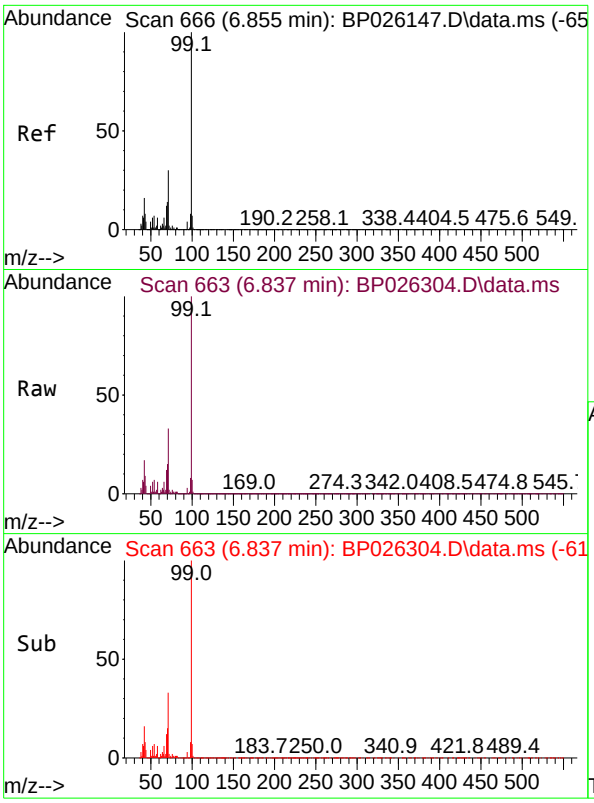


#6
Aniline
Concen: 11.847 ng
RT: 6.984 min Scan# 688
Delta R.T. -0.006 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion: 93 Resp: 358729

Ion	Ratio	Lower	Upper
93	100		
66	38.8	31.7	47.5
65	19.8	15.8	23.6

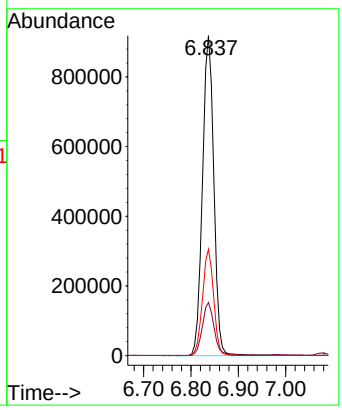




#7
Phenol-d6
Concen: 66.243 ng
RT: 6.837 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion: 99 Resp: 152862

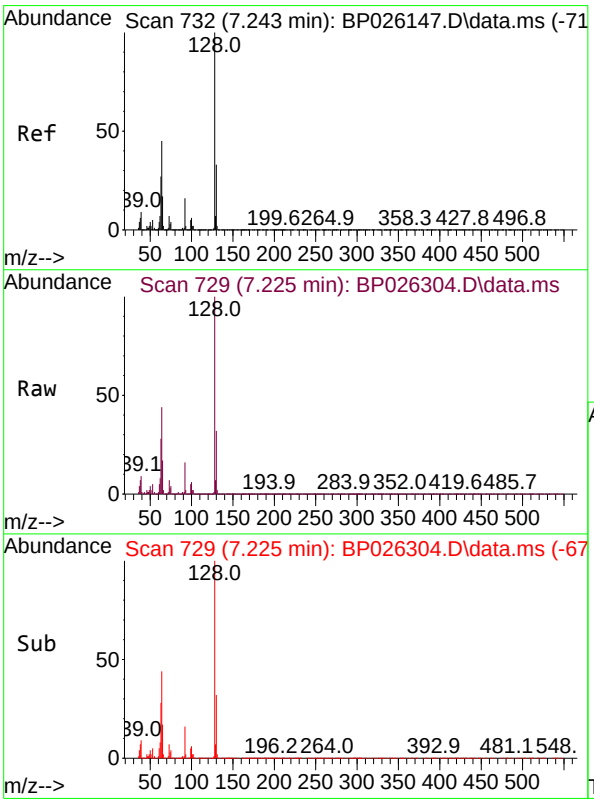
Ion	Ratio	Lower	Upper
99	100		
42	16.6	12.9	19.3
71	33.2	24.8	37.2



Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MS

Manual Integrations
APPROVED

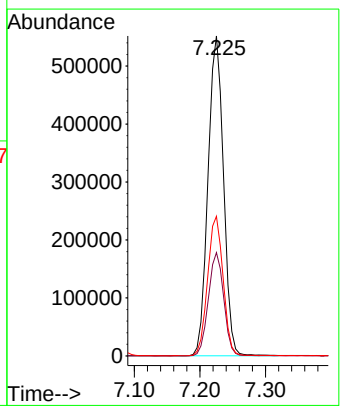
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

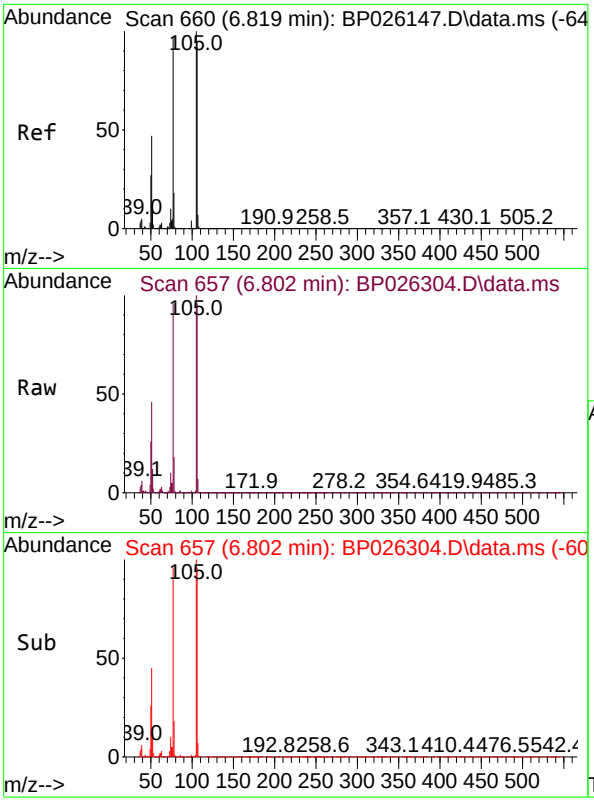


#8
2-Chlorophenol
Concen: 43.626 ng
RT: 7.225 min Scan# 729
Delta R.T. -0.000 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:128 Resp: 906255

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.4	52.4
64	43.6	23.9	63.9

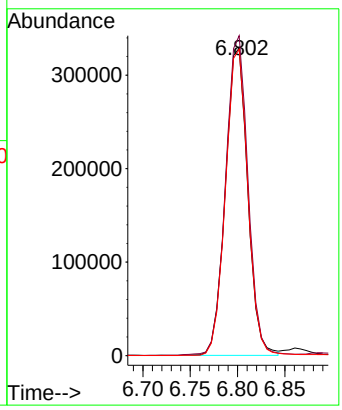




#9
Benzaldehyde
Concen: 43.386 ng
RT: 6.802 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion: 77 Resp: 53972

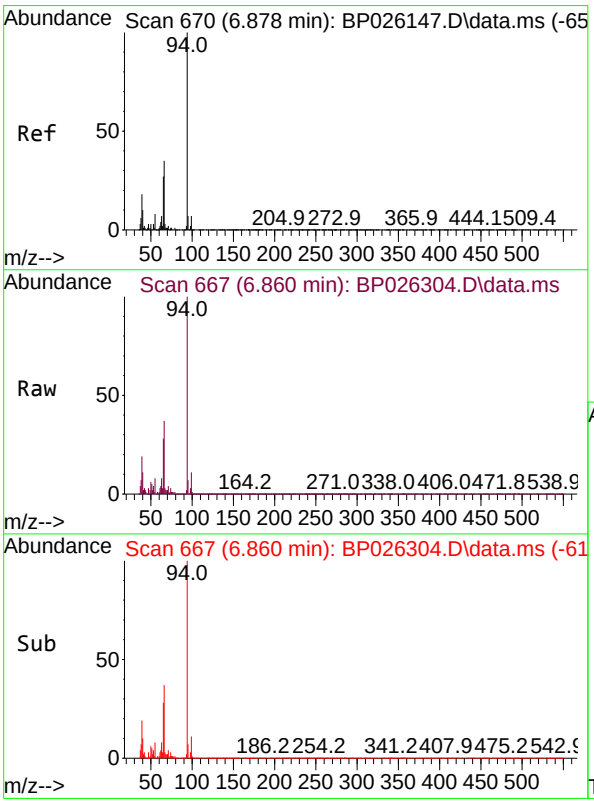
Ion	Ratio	Lower	Upper
77	100		
105	104.1	82.9	122.9
106	99.6	77.8	117.8



Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MS

Manual Integrations
APPROVED

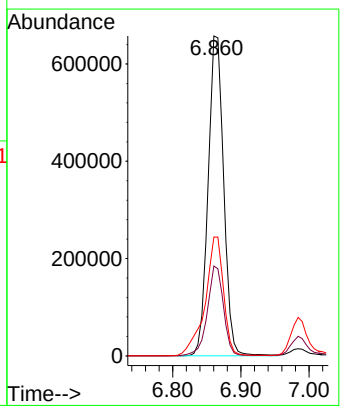
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

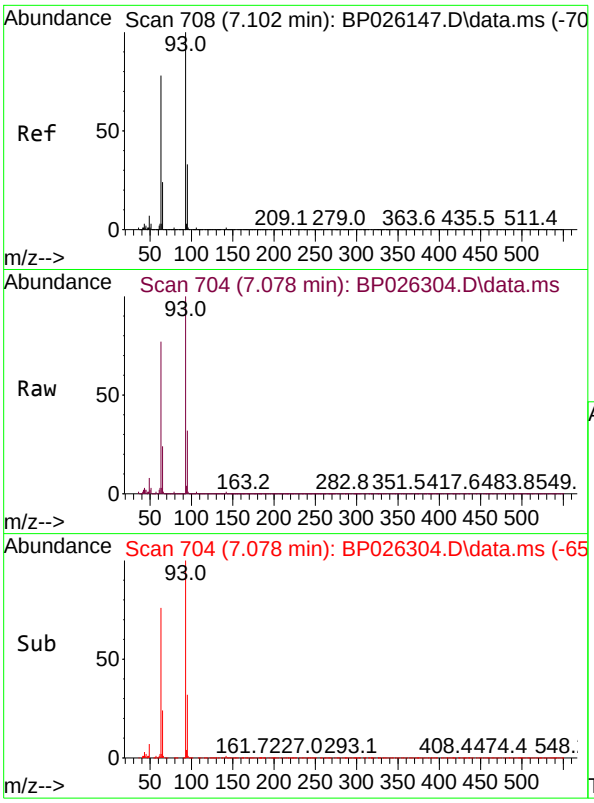


#10
Phenol
Concen: 42.102 ng
RT: 6.860 min Scan# 667
Delta R.T. -0.006 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion: 94 Resp: 1045075

Ion	Ratio	Lower	Upper
94	100		
65	28.1	7.0	47.0
66	37.1	14.5	54.5

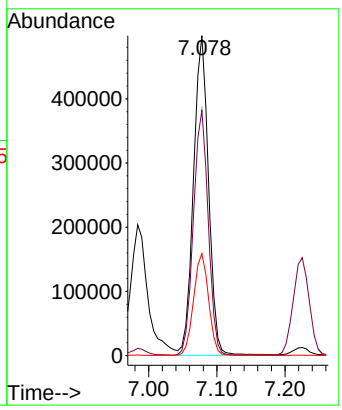




#11
bis(2-Chloroethyl)ether
Concen: 39.340 ng
RT: 7.078 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion: 93 Resp: 76562

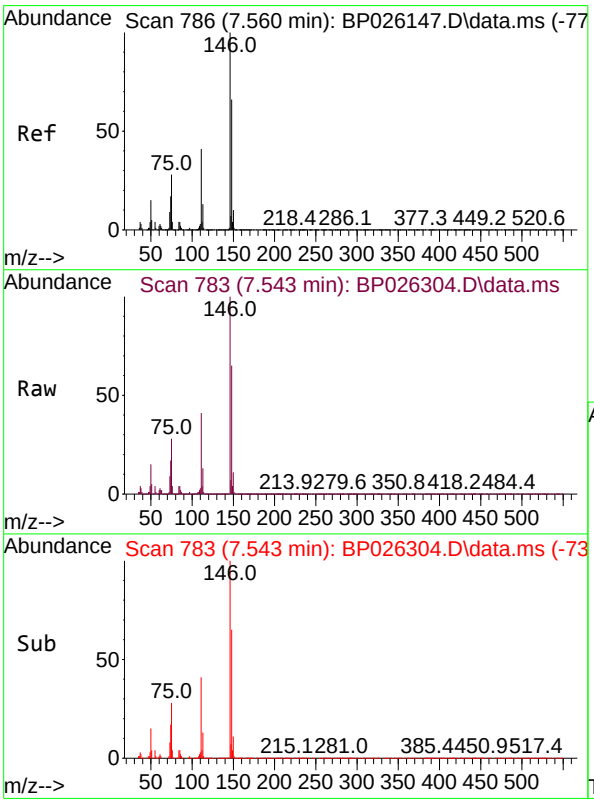
Ion	Ratio	Lower	Upper
93	100		
63	76.6	58.8	98.8
95	31.9	12.1	52.1



Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MS

Manual Integrations
APPROVED

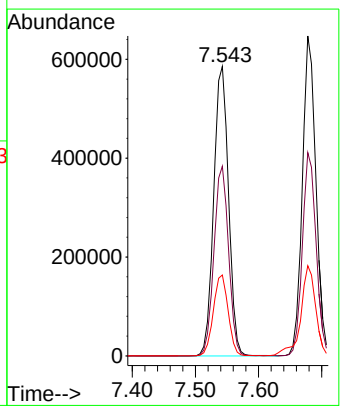
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

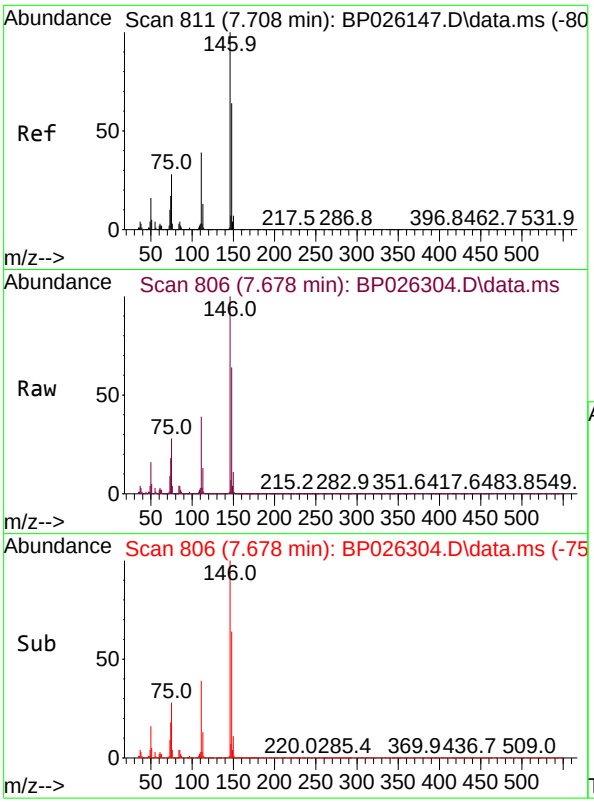


#12
1,3-Dichlorobenzene
Concen: 42.417 ng
RT: 7.543 min Scan# 783
Delta R.T. -0.006 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:146 Resp: 953488

Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.8	77.8
75	27.9	22.2	33.2

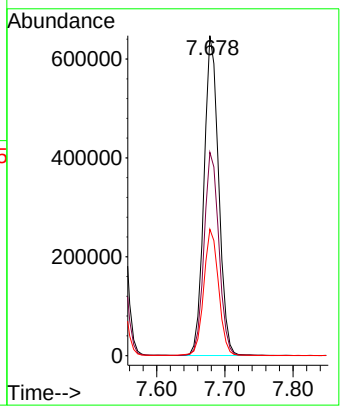




#13
1,4-Dichlorobenzene
Concen: 42.625 ng
RT: 7.678 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:146 Resp: 96556

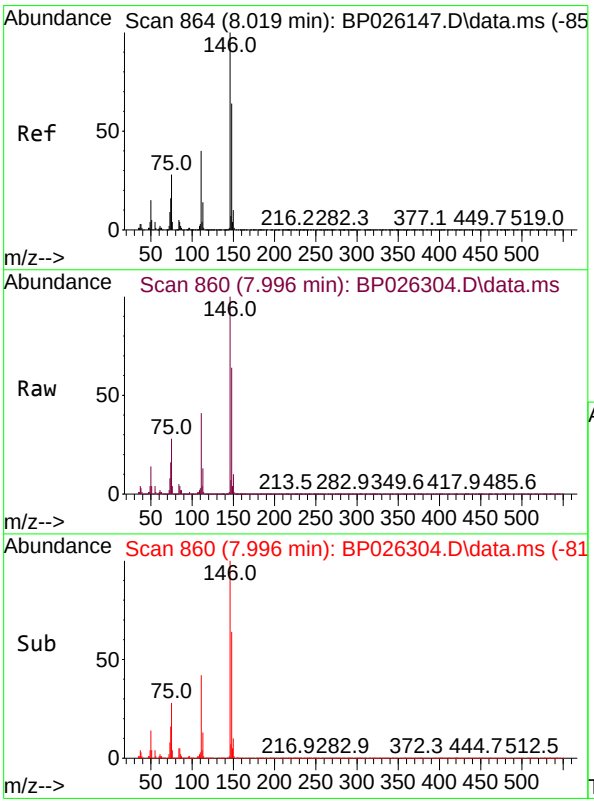
Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.4	77.2
111	39.5	31.7	47.5



Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MS

Manual Integrations
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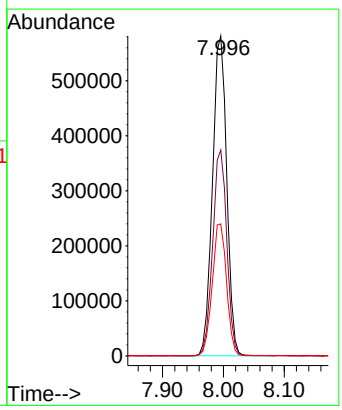
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

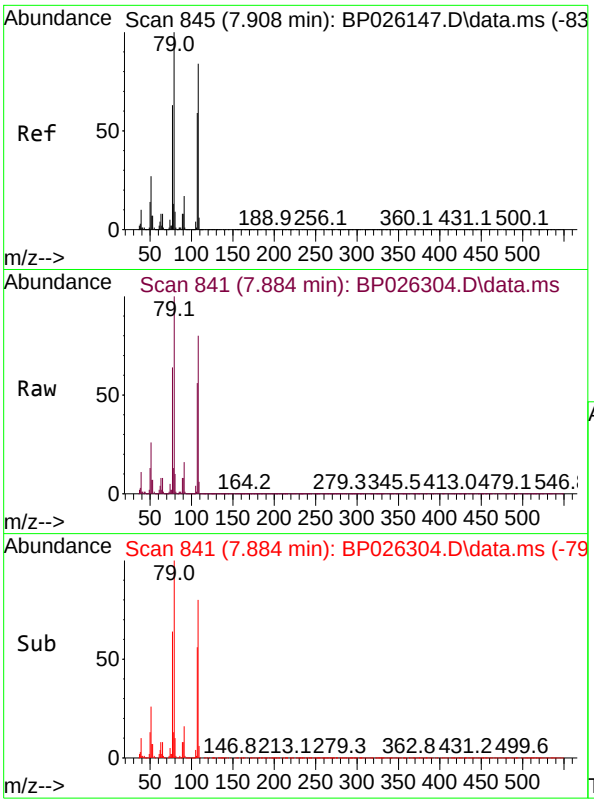


#14
1,2-Dichlorobenzene
Concen: 43.425 ng
RT: 7.996 min Scan# 860
Delta R.T. -0.006 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:146 Resp: 944246

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.0	76.6
111	41.2	33.0	49.4





#15
Benzyl Alcohol
Concen: 41.930 ng
RT: 7.884 min Scan# 84
Delta R.T. -0.006 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

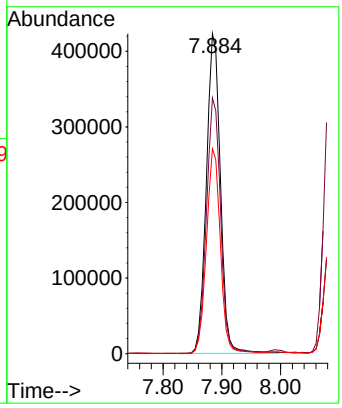
Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MS

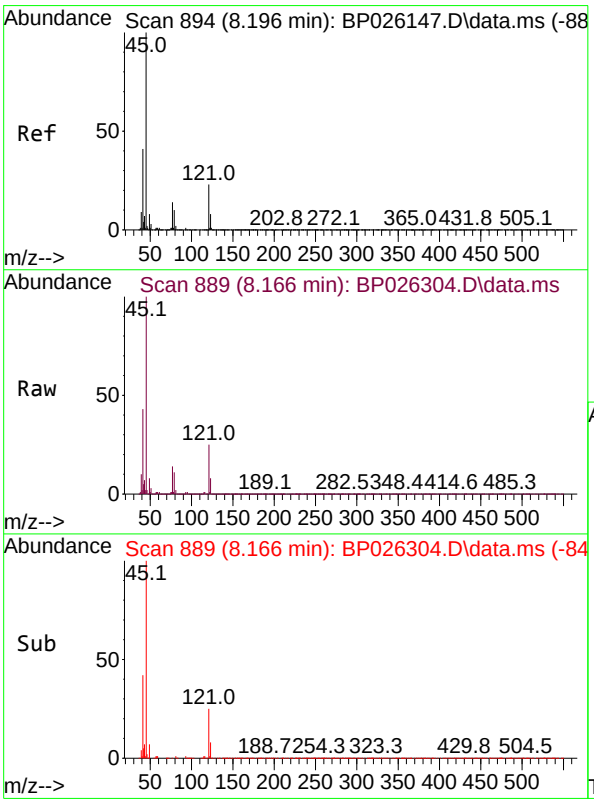
Tgt Ion: 79 Resp: 70337

Ion	Ratio	Lower	Upper
79	100		
108	79.9	66.2	99.4
77	64.0	50.0	75.0

Manual Integrations
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Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

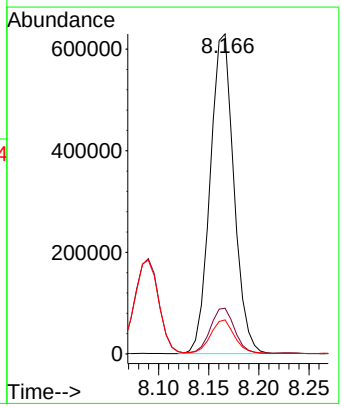


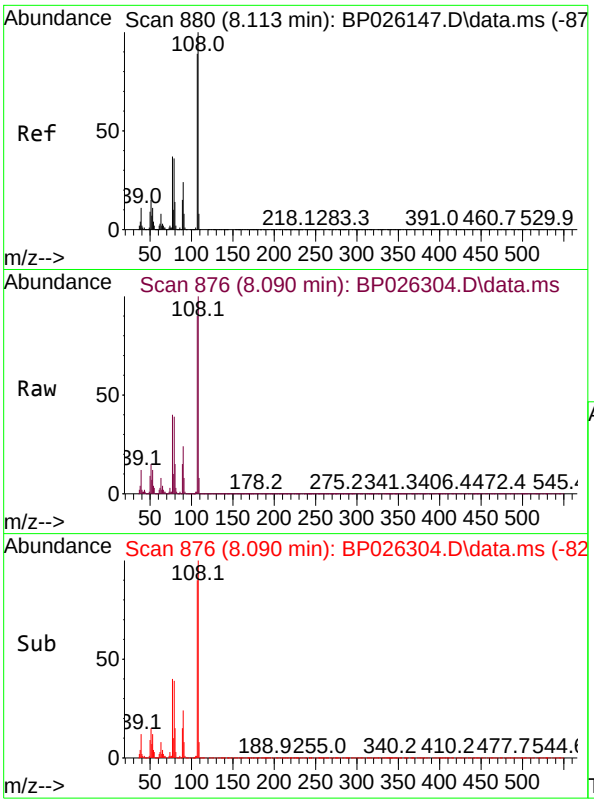


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.194 ng
RT: 8.166 min Scan# 889
Delta R.T. -0.012 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion: 45 Resp: 1037430

Ion	Ratio	Lower	Upper
45	100		
77	14.3	0.0	33.9
79	10.7	0.0	30.4

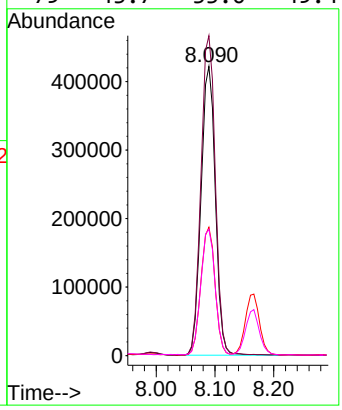




#17
2-Methylphenol
Concen: 42.433 ng
RT: 8.090 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:107 Resp: 71487

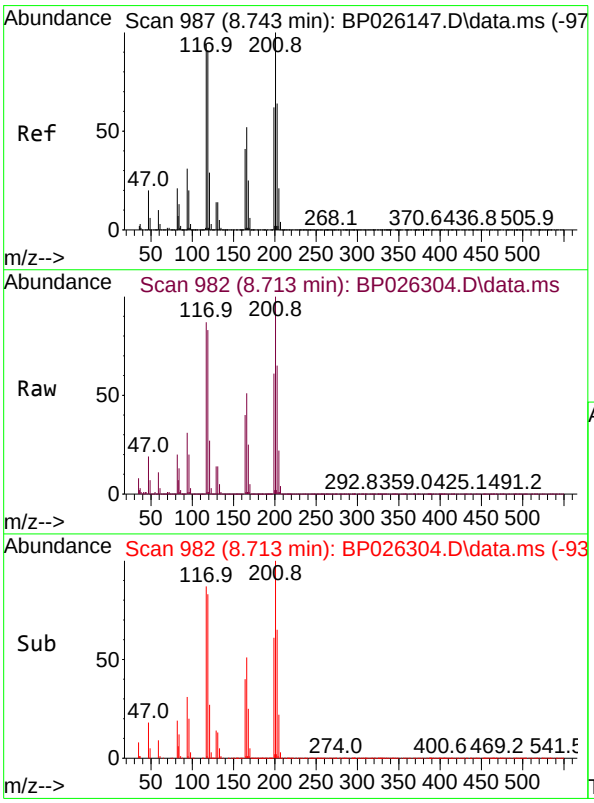
Ion	Ratio	Lower	Upper
107	100		
108	110.7	89.7	134.5
77	44.4	33.9	50.9
79	43.7	33.0	49.4



Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MS

Manual Integrations
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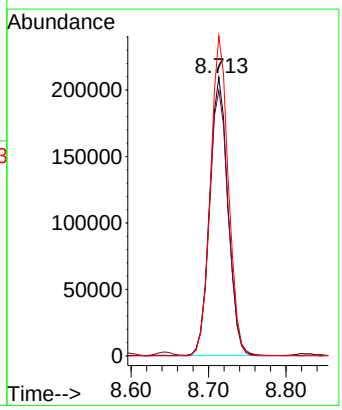
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

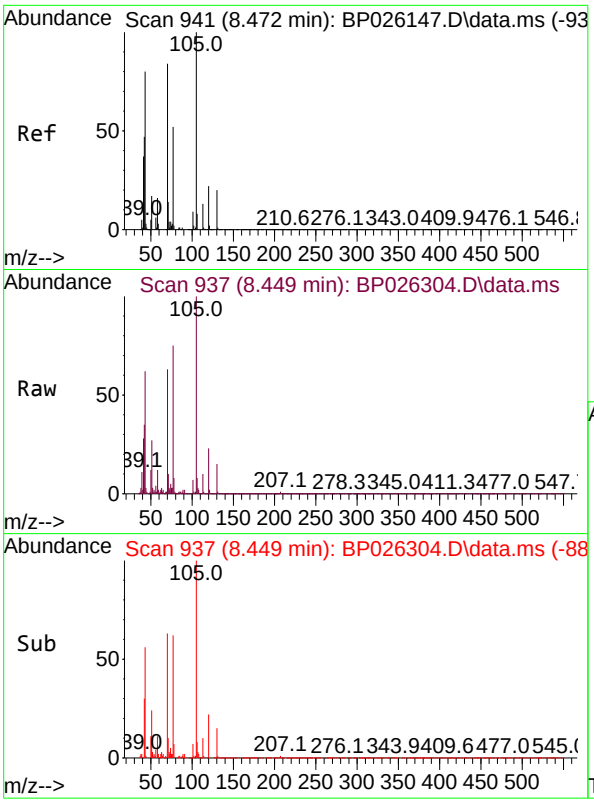


#18
Hexachloroethane
Concen: 41.764 ng
RT: 8.713 min Scan# 982
Delta R.T. -0.012 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:117 Resp: 343649

Ion	Ratio	Lower	Upper
117	100		
119	95.3	78.7	118.1
201	114.9	85.1	127.7

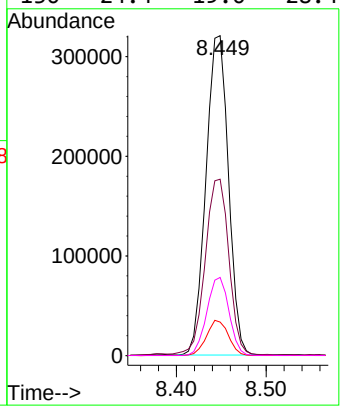




#19
n-Nitroso-di-n-propylamine
Concen: 39.322 ng
RT: 8.449 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion: 70 Resp: 55934

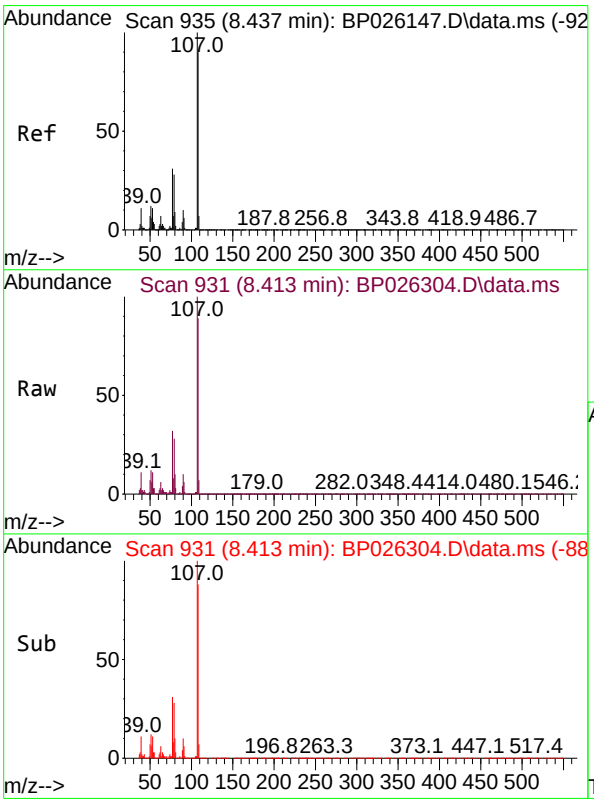
Ion	Ratio	Lower	Upper
70	100		
42	55.1	44.1	66.1
101	10.5	8.2	12.4
130	24.4	19.0	28.4



Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MS

Manual Integrations
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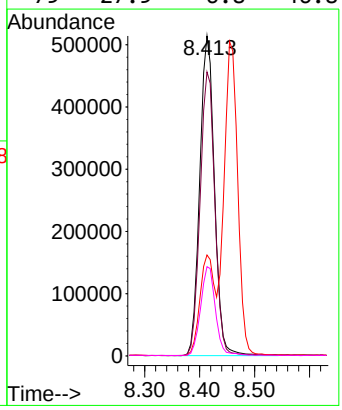
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

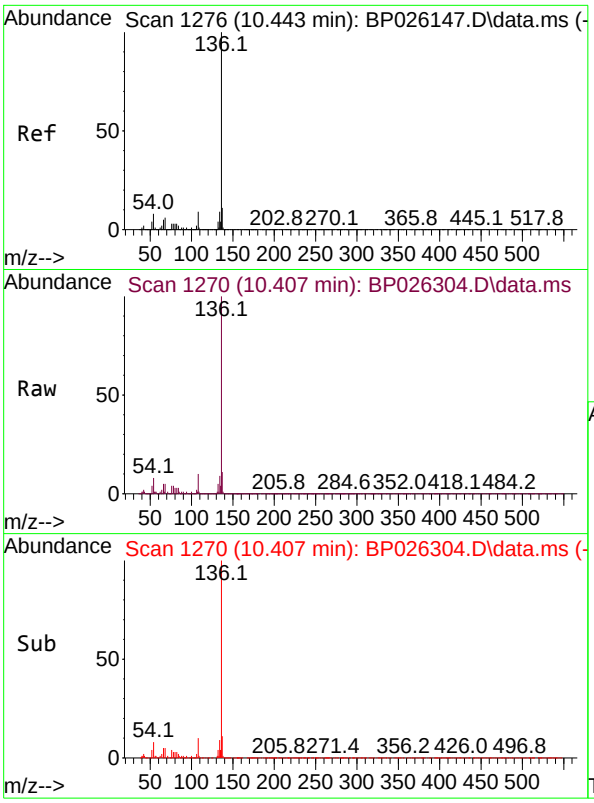


#20
3+4-Methylphenols
Concen: 40.971 ng
RT: 8.413 min Scan# 931
Delta R.T. -0.006 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:107 Resp: 953142

Ion	Ratio	Lower	Upper
107	100		
108	88.7	68.9	108.9
77	31.5	10.4	50.4
79	27.9	6.8	46.8

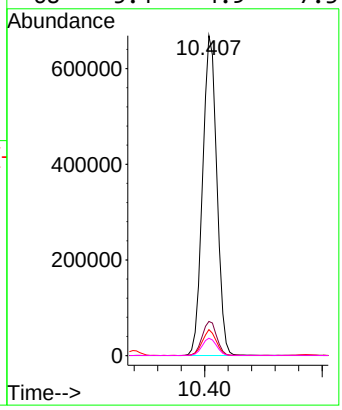




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.407 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:136 Resp: 112620

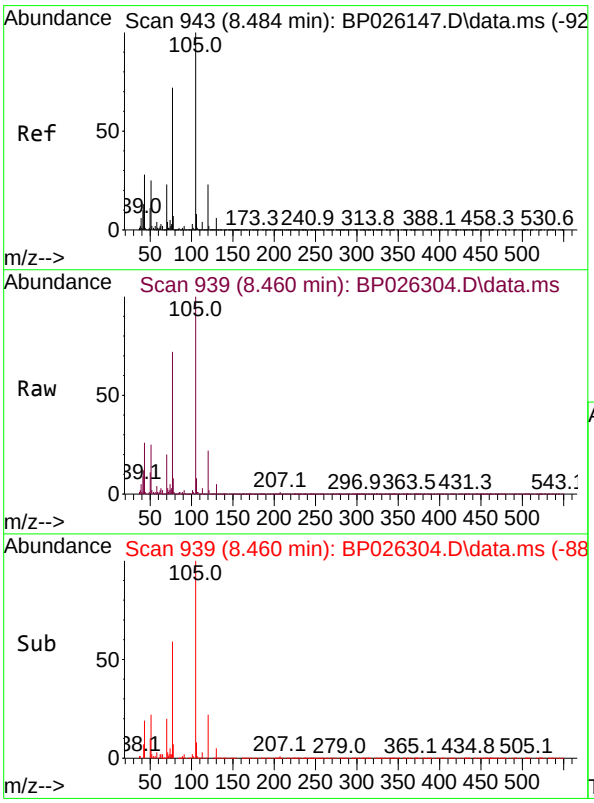
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	8.1	6.4	9.6
68	5.4	4.9	7.3



Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MS

Manual Integrations
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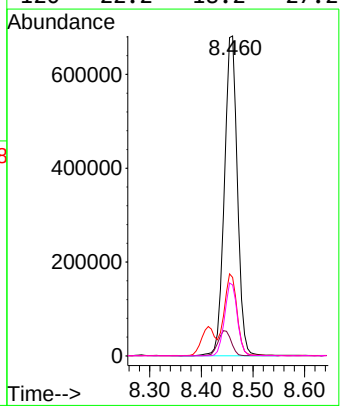
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

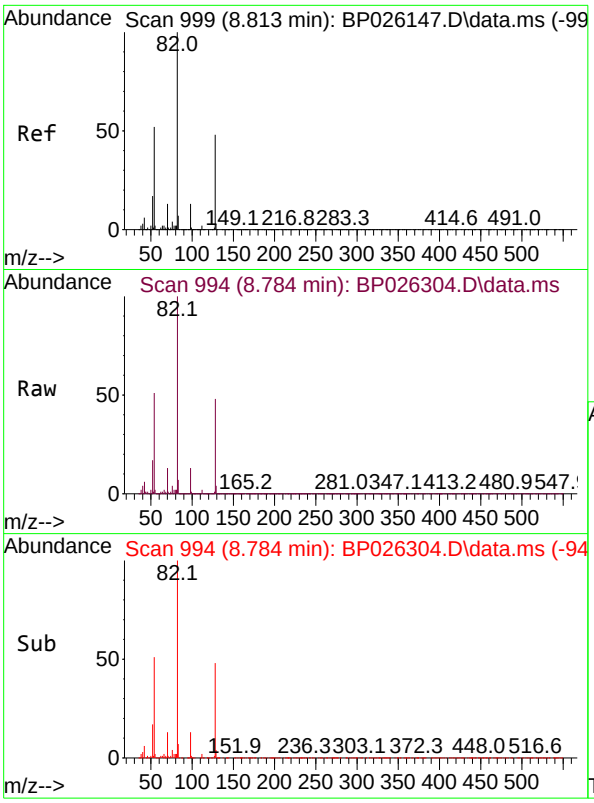


#22
Acetophenone
Concen: 42.083 ng
RT: 8.460 min Scan# 939
Delta R.T. -0.000 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:105 Resp: 1202179

Ion	Ratio	Lower	Upper
105	100		
71	3.3	3.0	4.4
51	24.5	20.5	30.7
120	22.2	18.2	27.2

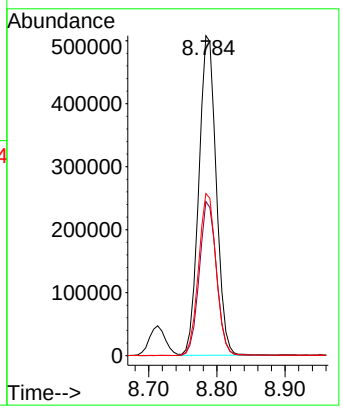




#23
Nitrobenzene-d5
Concen: 45.393 ng
RT: 8.784 min Scan# 99
Delta R.T. -0.006 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion: 82 Resp: 89811

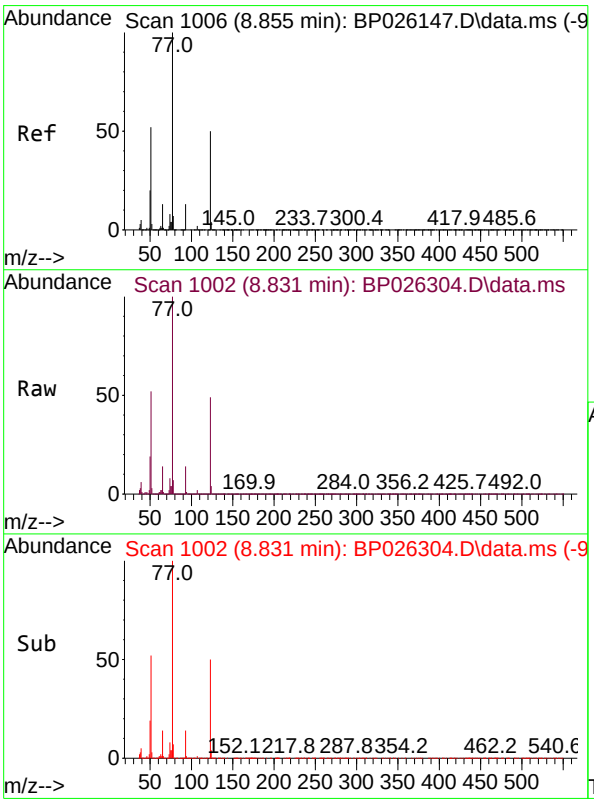
Ion	Ratio	Lower	Upper
82	100		
128	48.1	37.4	56.0
54	50.6	41.6	62.4



Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MS

Manual Integrations
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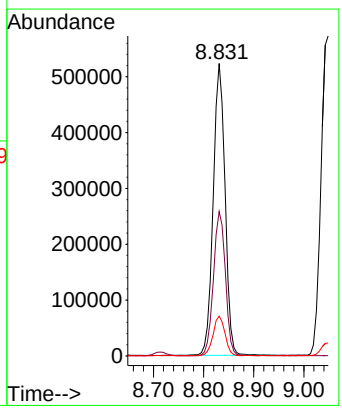
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

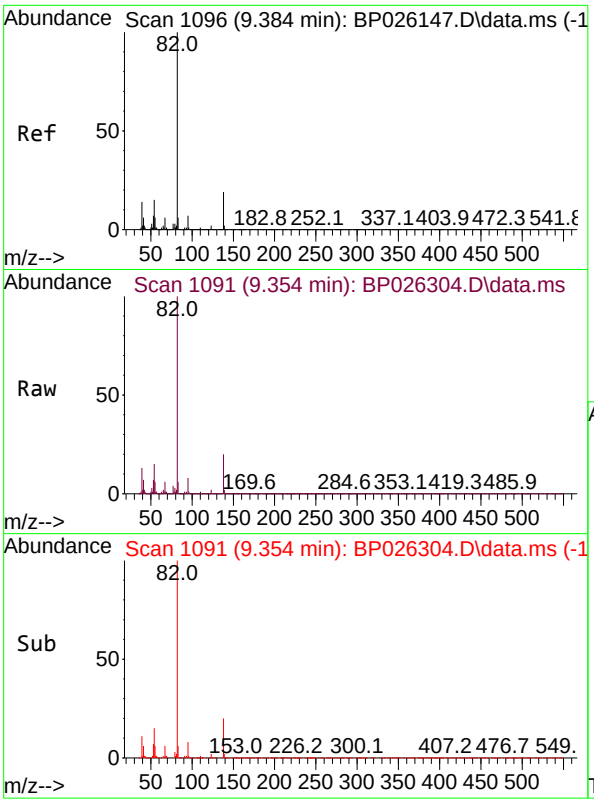


#24
Nitrobenzene
Concen: 42.858 ng
RT: 8.831 min Scan# 1002
Delta R.T. -0.000 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion: 77 Resp: 857140

Ion	Ratio	Lower	Upper
77	100		
123	49.4	39.8	59.8
65	13.6	11.2	16.8

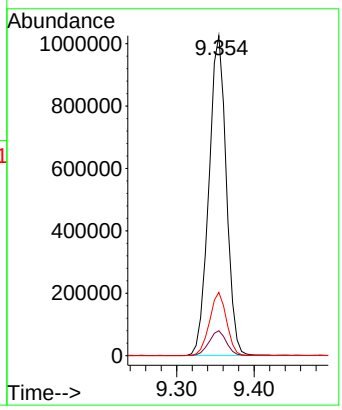




#25
Isophorone
Concen: 41.172 ng
RT: 9.354 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion: 82 Resp: 159819

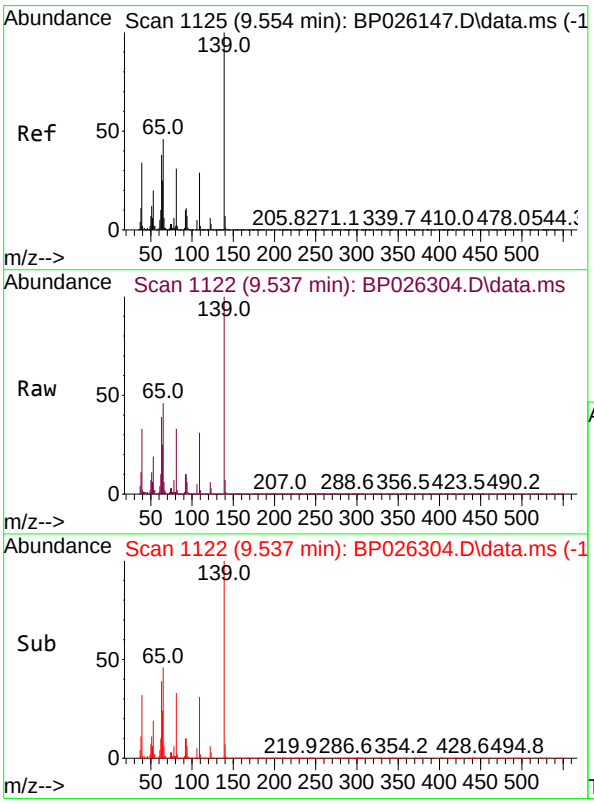
Ion	Ratio	Lower	Upper
82	100		
95	7.8	5.4	8.0
138	19.8	15.4	23.0



Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MS

Manual Integrations
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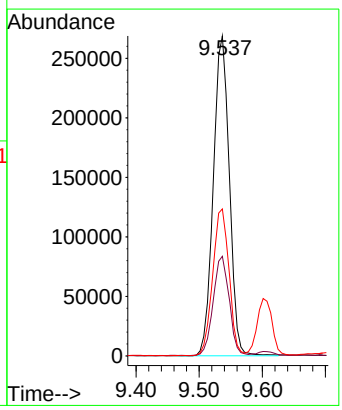
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

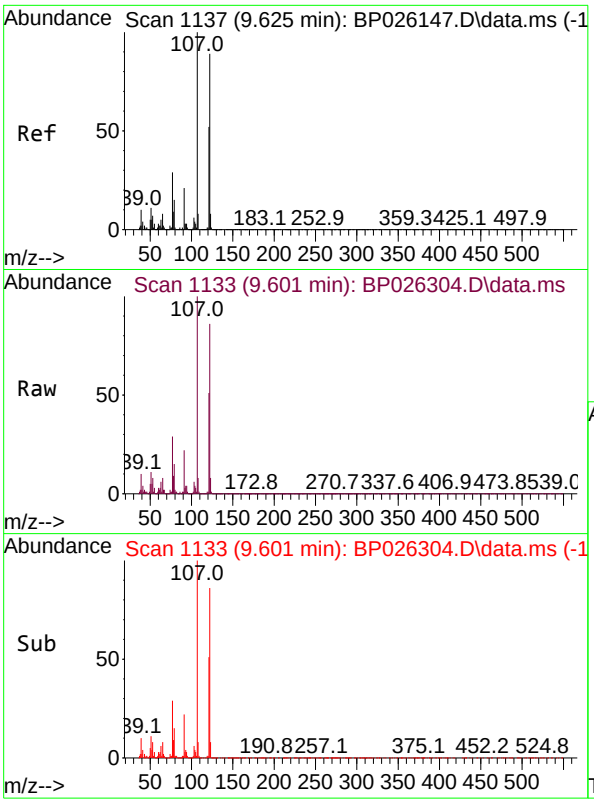


#26
2-Nitrophenol
Concen: 47.008 ng
RT: 9.537 min Scan# 1122
Delta R.T. -0.000 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:139 Resp: 475325

Ion	Ratio	Lower	Upper
139	100		
109	31.1	22.3	33.5
65	45.9	37.2	55.8

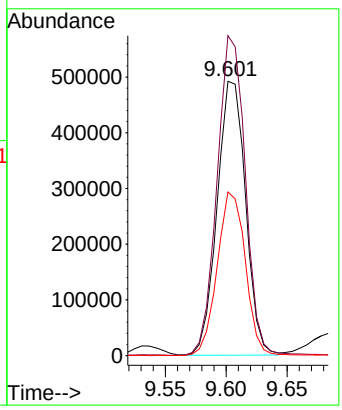




#27
2,4-Dimethylphenol
Concen: 44.739 ng
RT: 9.601 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:122 Resp: 80069

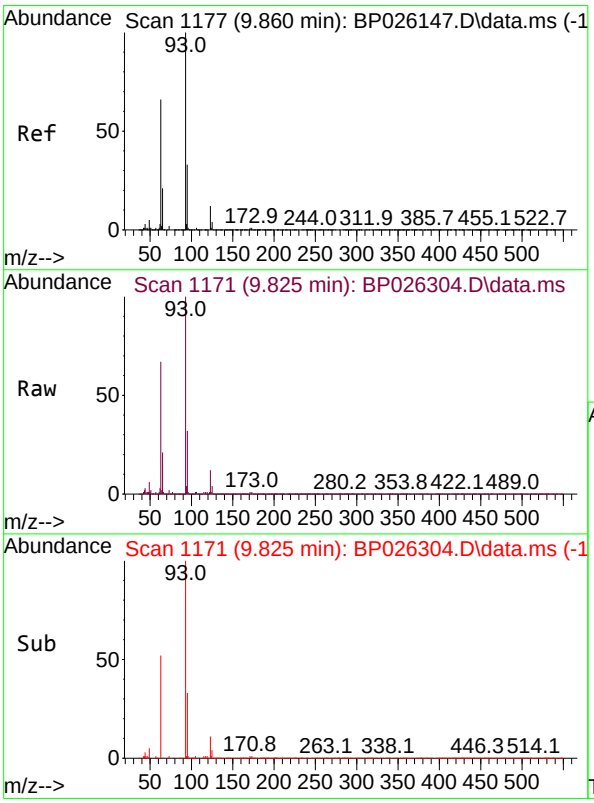
Ion	Ratio	Lower	Upper
122	100		
107	116.7	91.0	136.6
121	59.6	47.0	70.6



Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MS

Manual Integrations
APPROVED

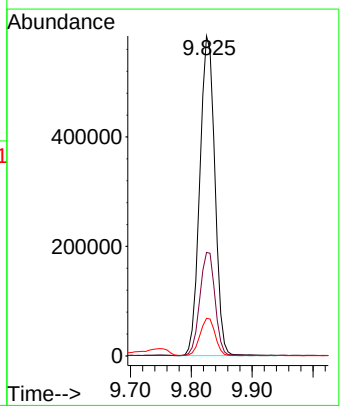
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

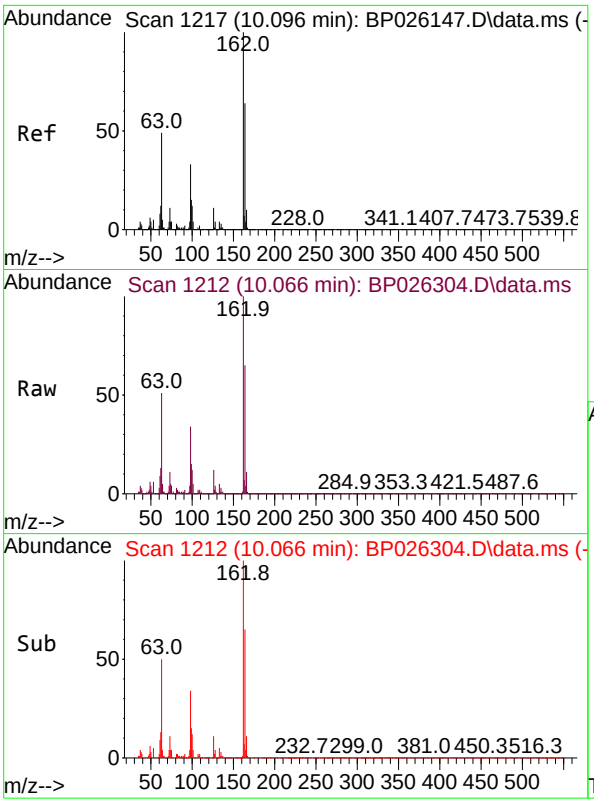


#28
bis(2-Chloroethoxy)methane
Concen: 41.108 ng
RT: 9.825 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion: 93 Resp: 1002850

Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.4	39.6
123	11.7	9.4	14.0

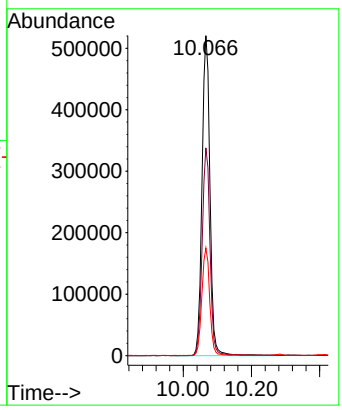




#29
2,4-Dichlorophenol
Concen: 46.128 ng
RT: 10.066 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:162 Resp: 84133

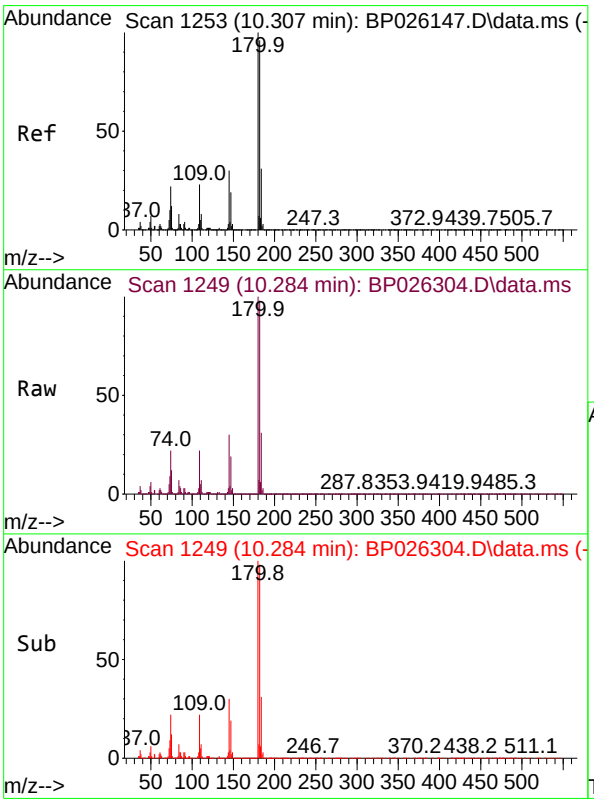
Ion	Ratio	Lower	Upper
162	100		
164	64.9	43.8	83.8
98	33.6	14.1	54.1



Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MS

Manual Integrations
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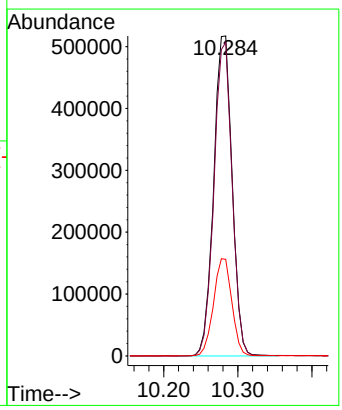
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

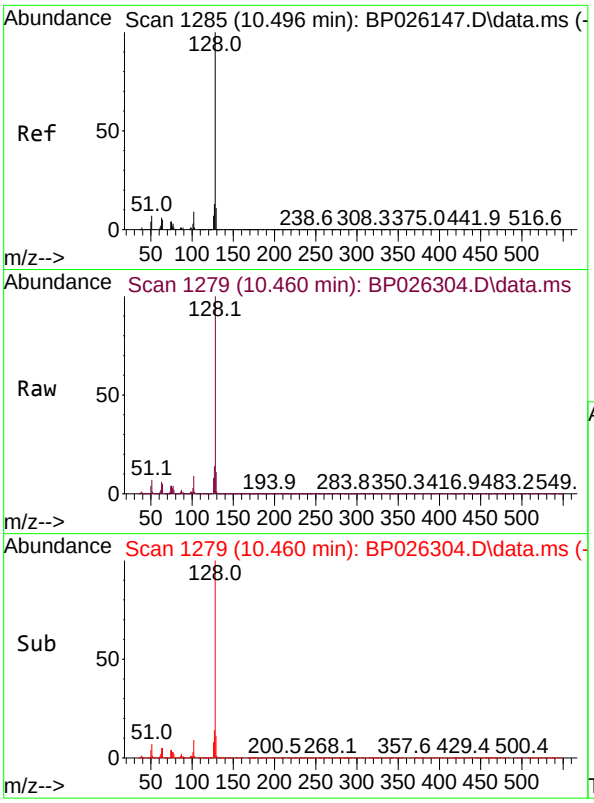


#30
1,2,4-Trichlorobenzene
Concen: 47.653 ng
RT: 10.284 min Scan# 1249
Delta R.T. -0.000 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:180 Resp: 893436

Ion	Ratio	Lower	Upper
180	100		
182	98.0	78.1	117.1
145	30.2	24.2	36.4

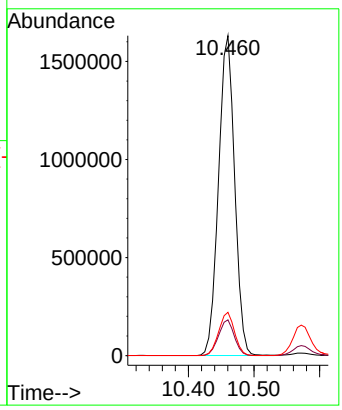




#31
Naphthalene
Concen: 45.901 ng
RT: 10.460 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:128 Resp: 279467

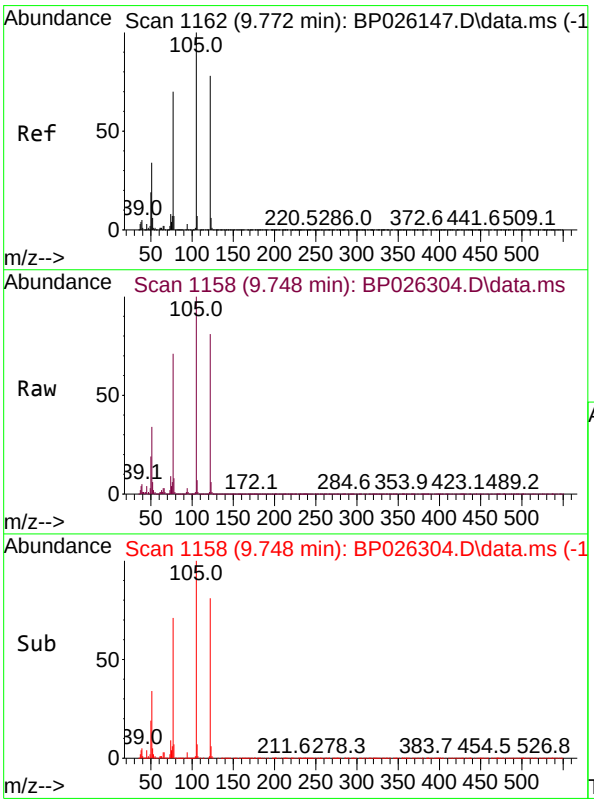
Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.5	10.2	15.4



Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MS

Manual Integrations
APPROVED

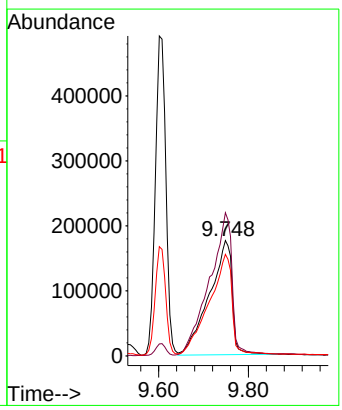
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

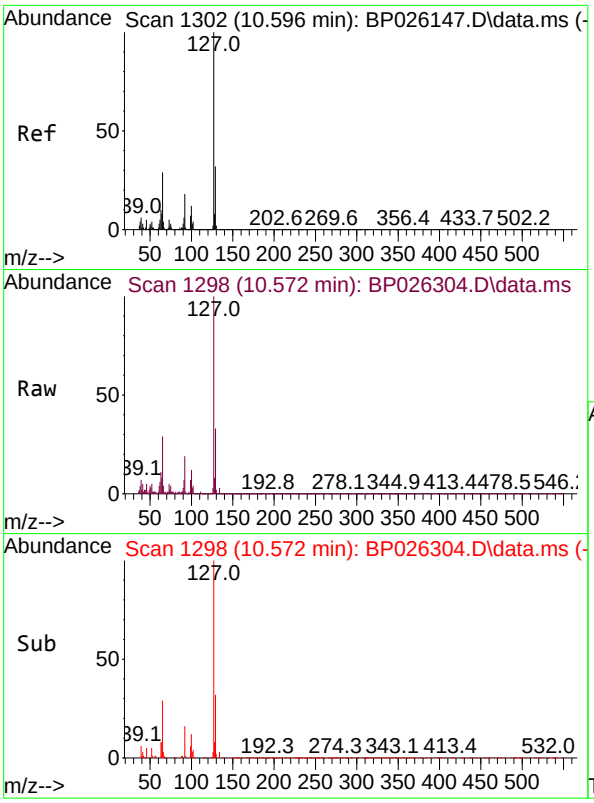


#32
Benzoic acid
Concen: 43.418 ng
RT: 9.748 min Scan# 1158
Delta R.T. 0.041 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:122 Resp: 622469

Ion	Ratio	Lower	Upper
122	100		
105	124.1	100.1	140.1
77	88.0	66.7	106.7

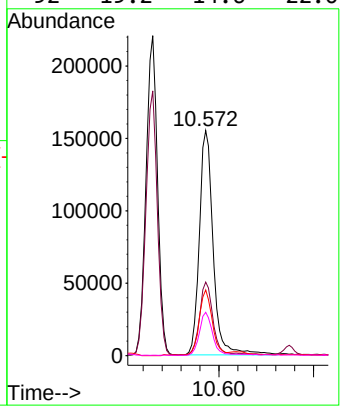




#33
4-Chloroaniline
Concen: 12.331 ng
RT: 10.572 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:127 Resp: 31451

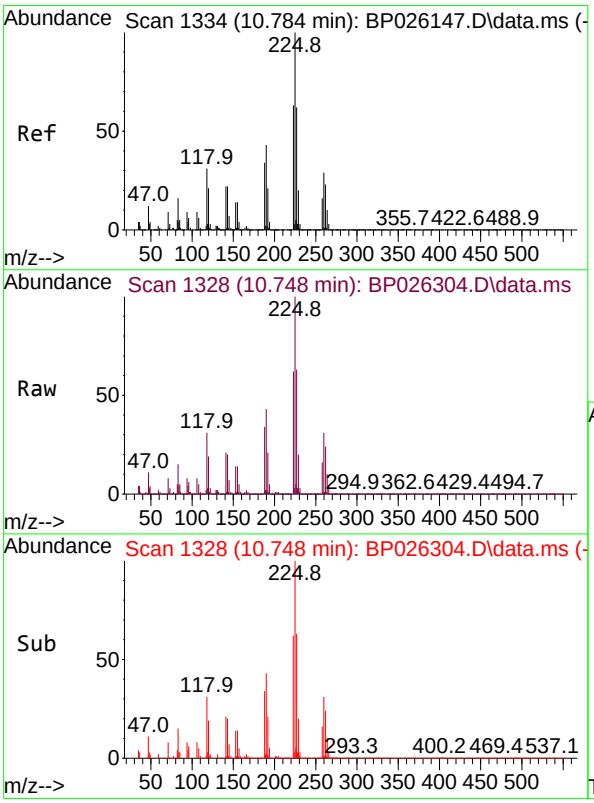
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.8	38.8
65	29.2	22.7	34.1
92	19.2	14.6	22.0



Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MS

Manual Integrations
APPROVED

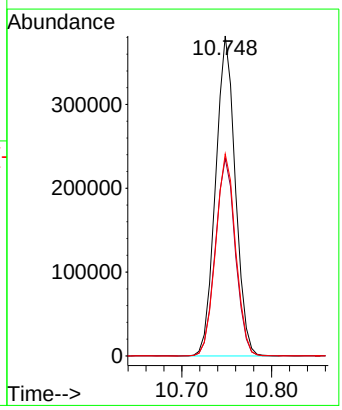
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

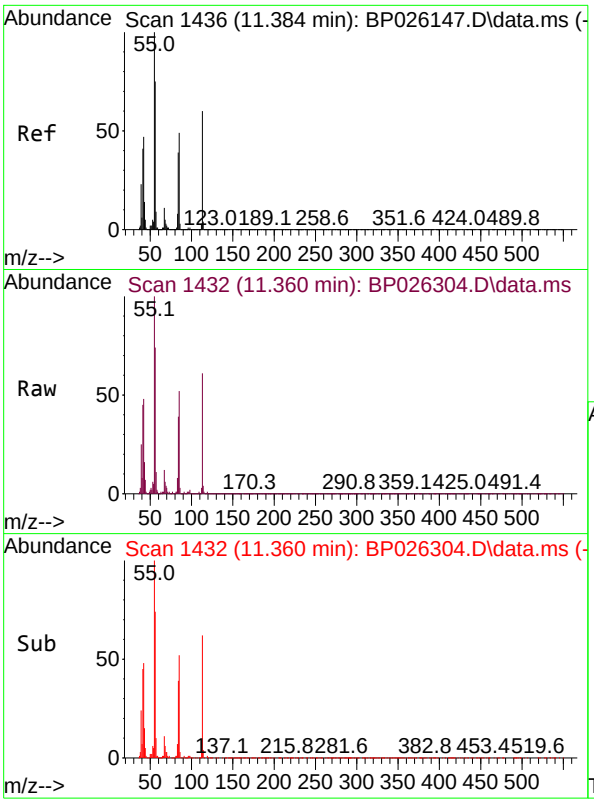


#34
Hexachlorobutadiene
Concen: 47.836 ng
RT: 10.748 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:225 Resp: 585579

Ion	Ratio	Lower	Upper
225	100		
223	61.7	49.6	74.4
227	63.1	51.2	76.8

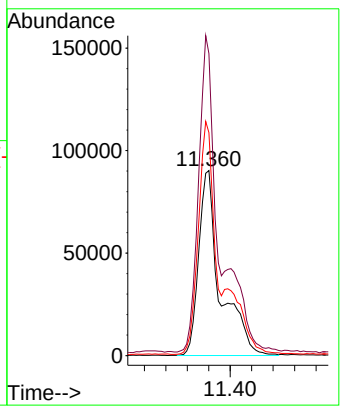




#35
Caprolactam
Concen: 39.281 ng m
RT: 11.360 min Scan# 14
Delta R.T. -0.000 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:113 Resp: 25299

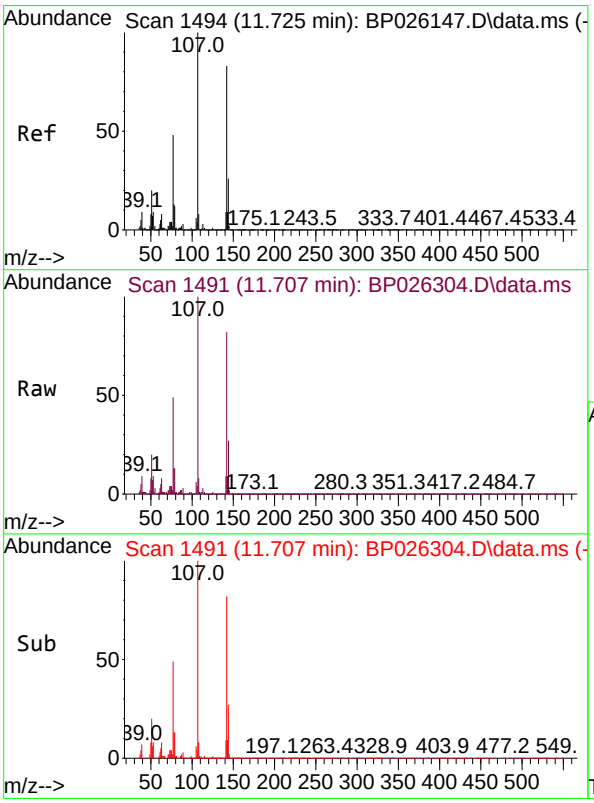
Ion	Ratio	Lower	Upper
113	100		
55	163.2	153.0	193.0
56	120.5	106.4	146.4



Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MS

Manual Integrations
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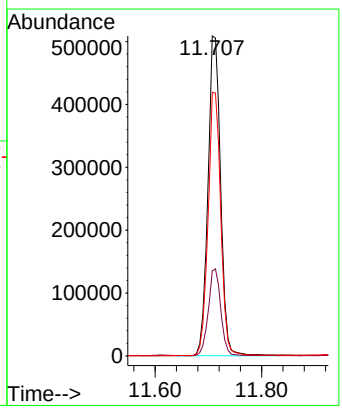
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

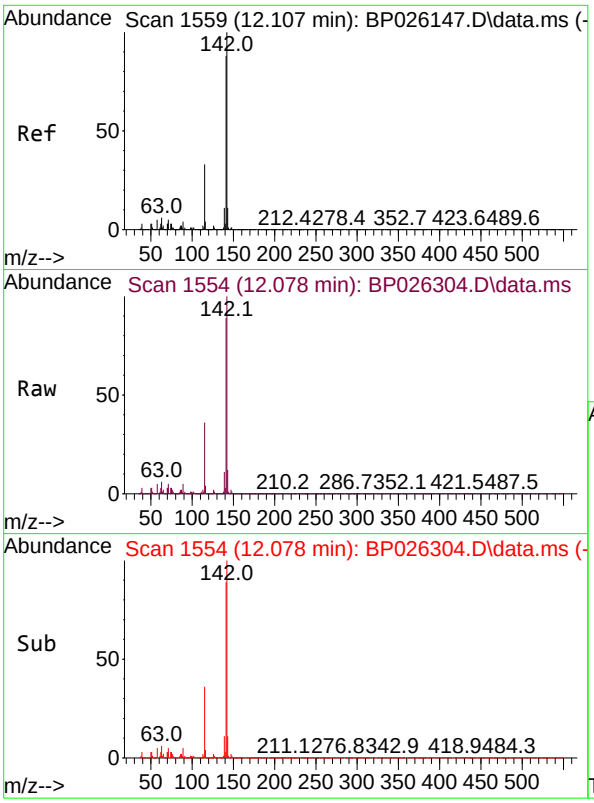


#36
4-Chloro-3-methylphenol
Concen: 43.750 ng
RT: 11.707 min Scan# 1491
Delta R.T. -0.000 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:107 Resp: 839596

Ion	Ratio	Lower	Upper
107	100		
144	26.6	21.6	32.4
142	82.4	65.6	98.4

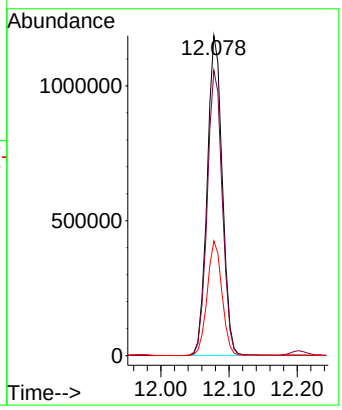




#37
2-Methylnaphthalene
Concen: 42.451 ng
RT: 12.078 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:142 Resp: 182162

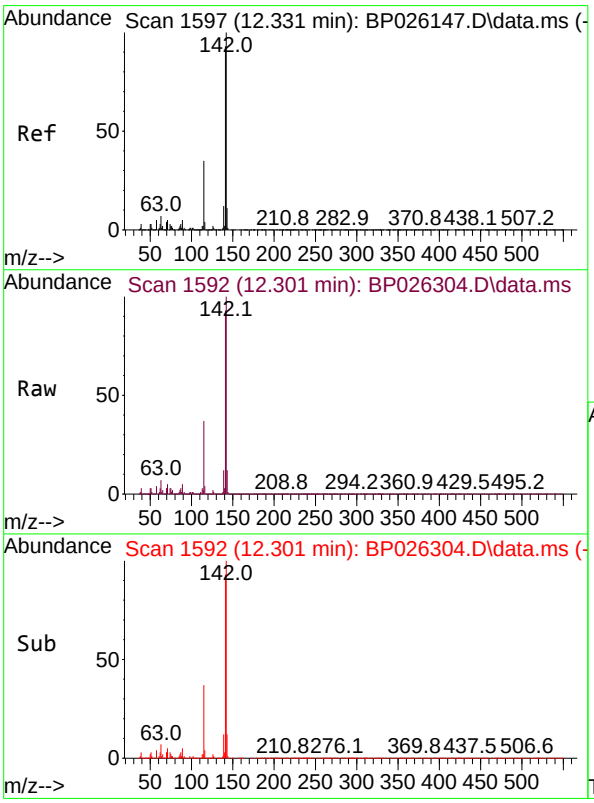
Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.0	106.6
115	35.8	26.6	39.8



Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MS

Manual Integrations
APPROVED

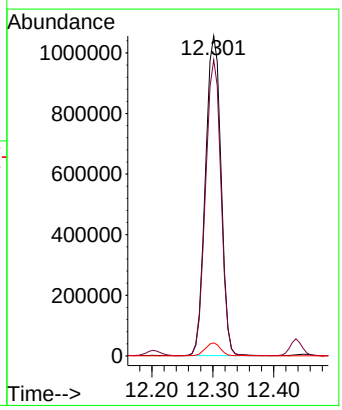
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

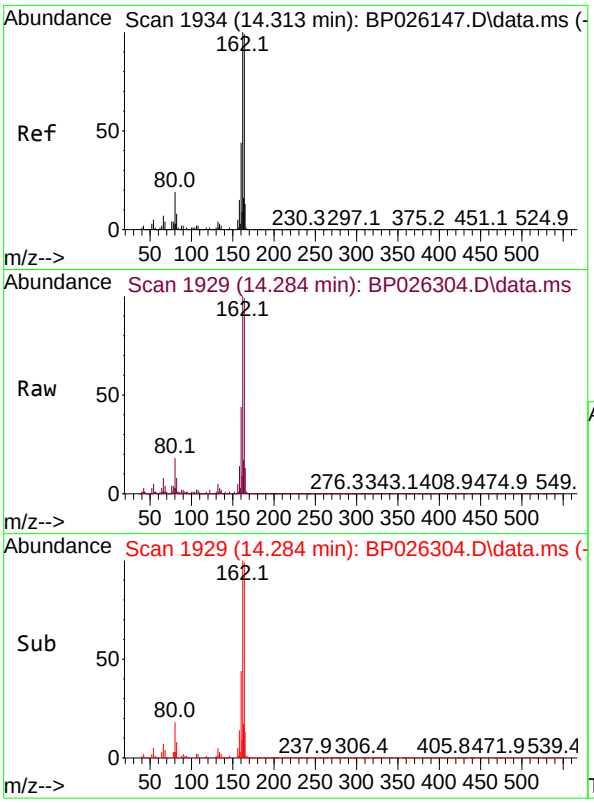


#38
1-Methylnaphthalene
Concen: 44.651 ng
RT: 12.301 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:142 Resp: 1871871

Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.5	110.3
116	4.1	3.0	4.4

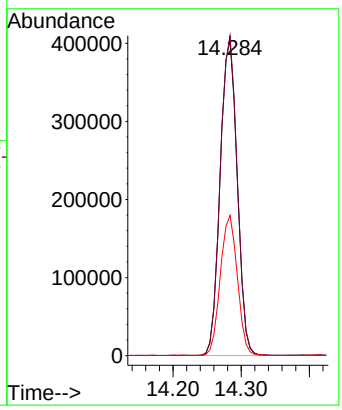




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.284 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:164 Resp: 69874

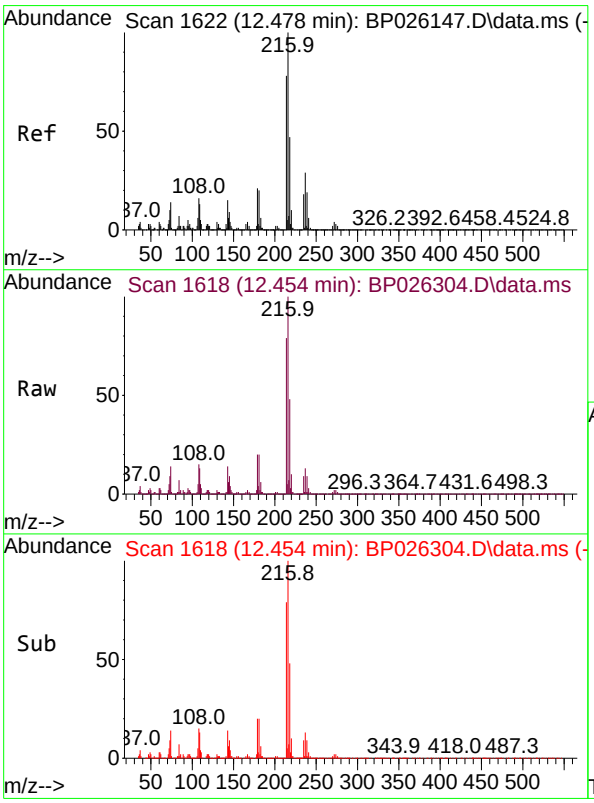
Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.3	120.5
160	44.5	35.2	52.8



Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MS

Manual Integrations
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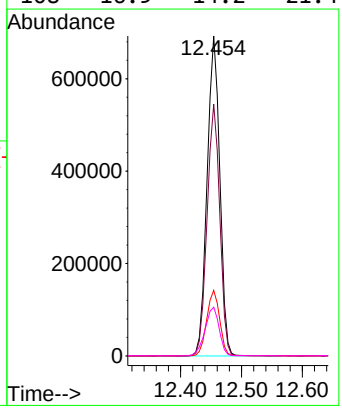
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

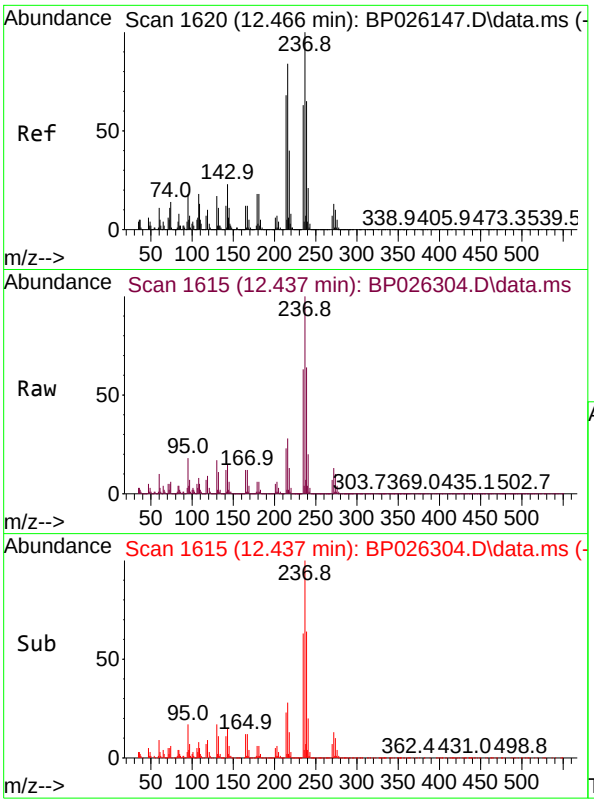


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.071 ng
RT: 12.454 min Scan# 1618
Delta R.T. -0.000 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:216 Resp: 1004020

Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.6	94.0
179	20.7	16.6	25.0
108	16.9	14.2	21.4

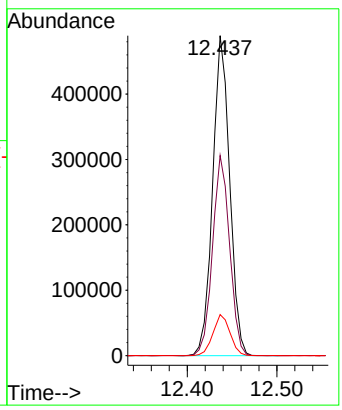




#41
Hexachlorocyclopentadiene
Concen: 48.650 ng
RT: 12.437 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:237 Resp: 64730

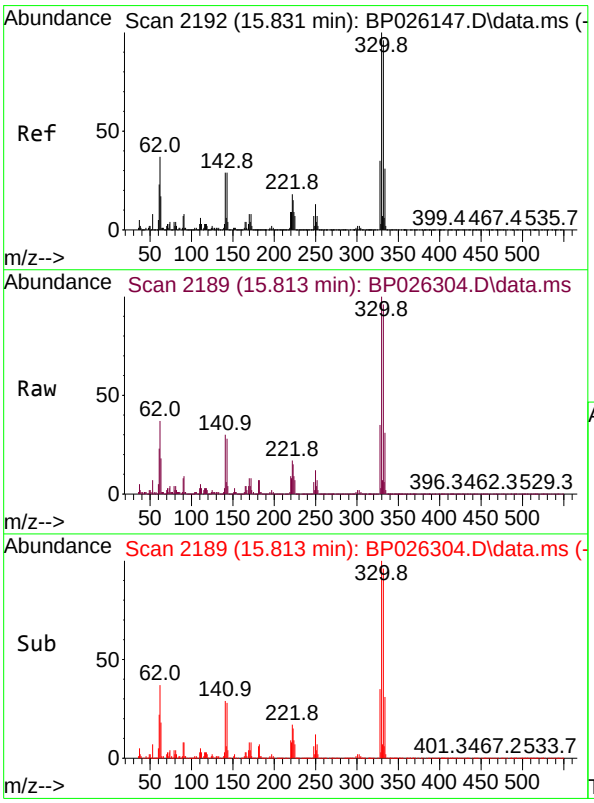
Ion	Ratio	Lower	Upper
237	100		
235	62.5	43.3	83.3
272	12.8	0.0	32.9



Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MS

Manual Integrations
APPROVED

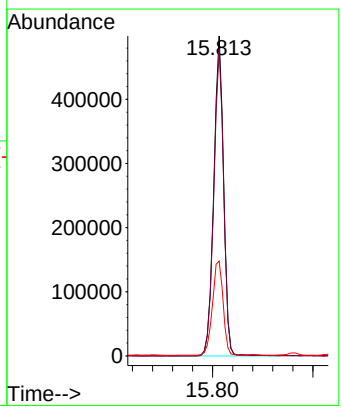
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

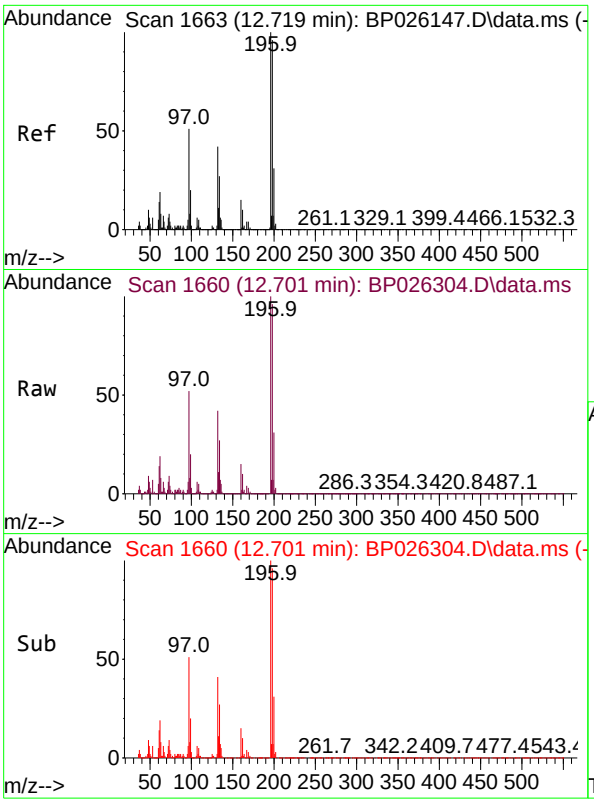


#42
2,4,6-Tribromophenol
Concen: 74.327 ng
RT: 15.813 min Scan# 2189
Delta R.T. 0.006 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:330 Resp: 675408

Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.0	117.0
141	31.9	26.8	40.2

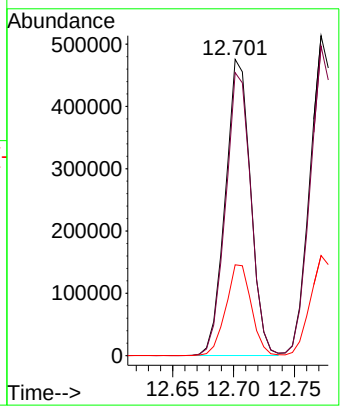




#43
2,4,6-Trichlorophenol
Concen: 47.396 ng
RT: 12.701 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:196 Resp: 68707

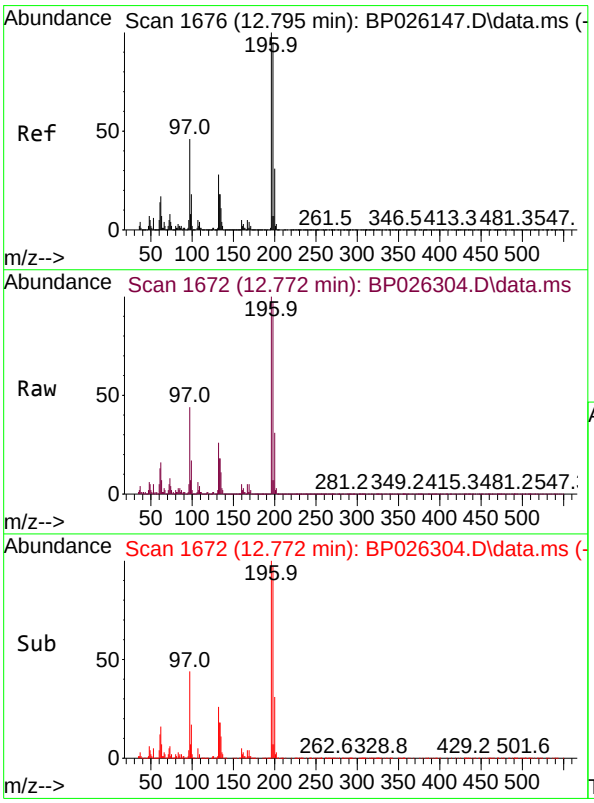
Ion	Ratio	Lower	Upper
196	100		
198	95.5	76.9	115.3
200	30.7	24.6	37.0



Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MS

Manual Integrations
APPROVED

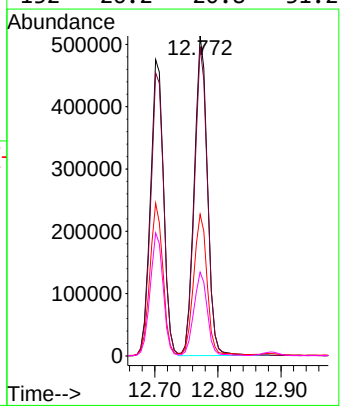
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

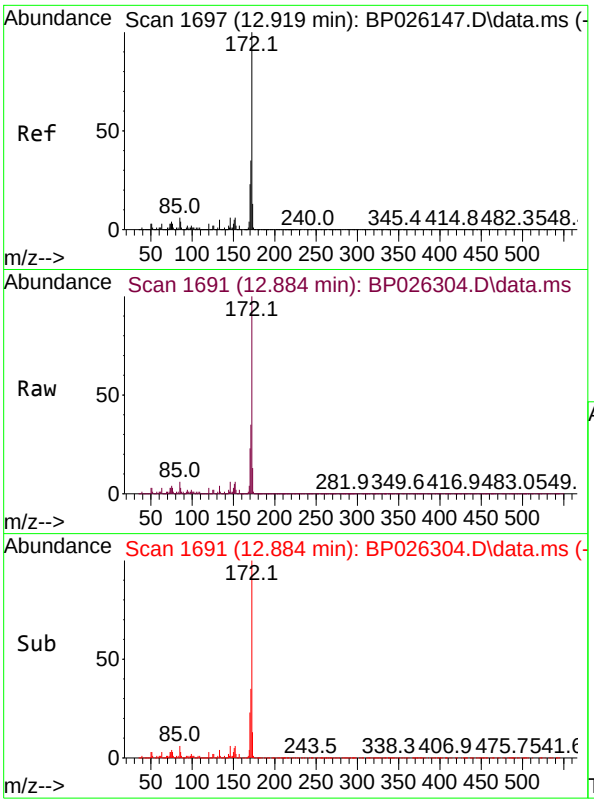


#44
2,4,5-Trichlorophenol
Concen: 46.281 ng
RT: 12.772 min Scan# 1672
Delta R.T. -0.000 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:196 Resp: 747220

Ion	Ratio	Lower	Upper
196	100		
198	96.7	76.4	114.6
97	44.2	35.7	53.5
132	26.2	20.8	31.2

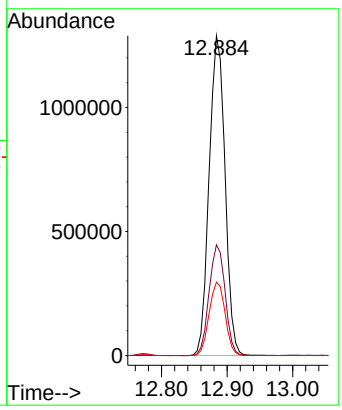




#45
2-Fluorobiphenyl
Concen: 45.155 ng
RT: 12.884 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:172 Resp: 217016

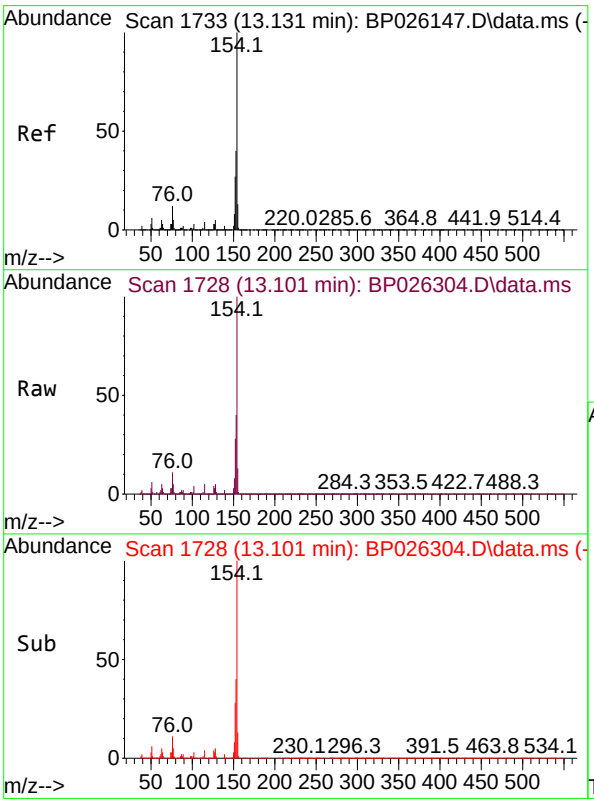
Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.2	42.4
170	23.0	18.7	28.1



Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MS

Manual Integrations
APPROVED

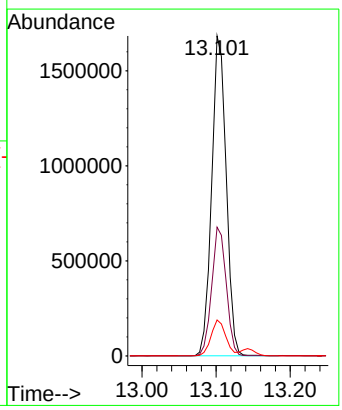
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

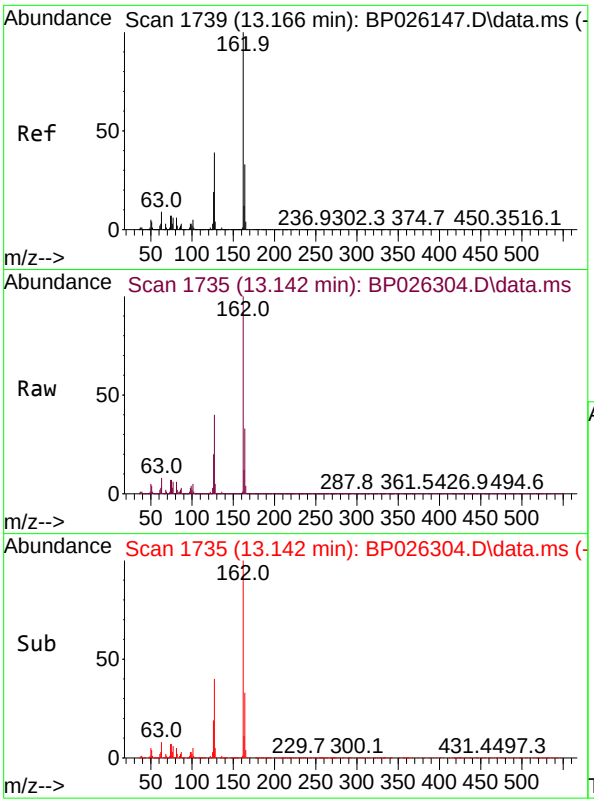


#46
1,1'-Biphenyl
Concen: 43.570 ng
RT: 13.101 min Scan# 1728
Delta R.T. -0.006 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:154 Resp: 2298852

Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.3	60.3
76	11.2	0.0	32.3

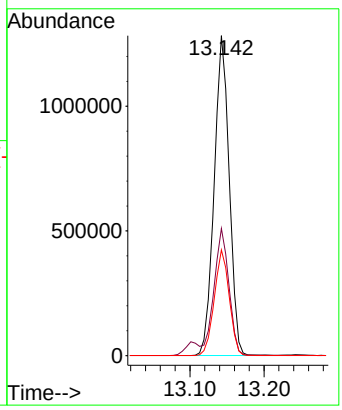




#47
2-Chloronaphthalene
Concen: 43.561 ng
RT: 13.142 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:162 Resp: 181079

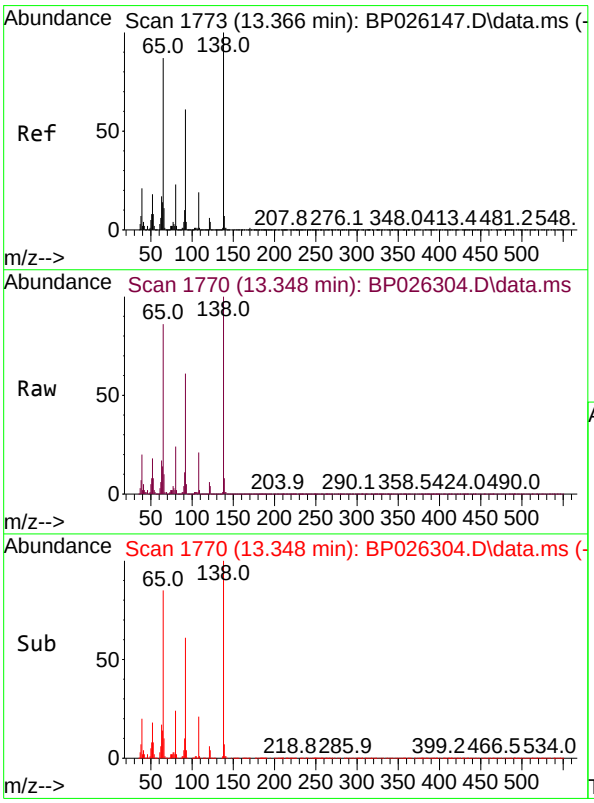
Ion	Ratio	Lower	Upper
162	100		
127	39.7	30.9	46.3
164	33.0	26.4	39.6



Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MS

Manual Integrations
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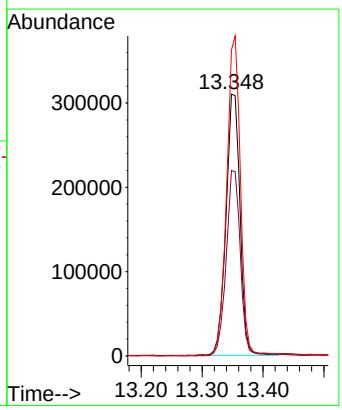
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

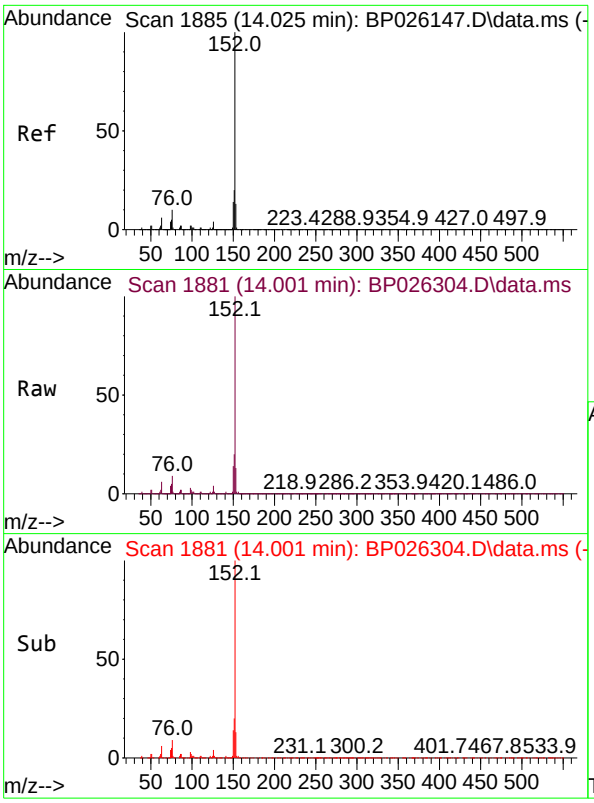


#48
2-Nitroaniline
Concen: 43.766 ng
RT: 13.348 min Scan# 1770
Delta R.T. 0.006 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion: 65 Resp: 498305

Ion	Ratio	Lower	Upper
65	100		
92	70.8	59.1	88.7
138	116.9	96.6	145.0

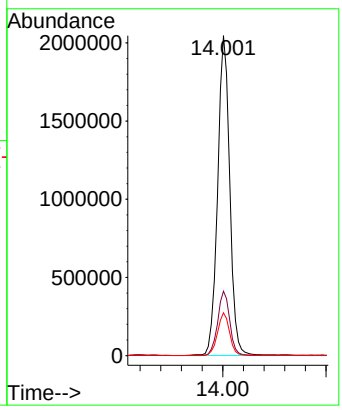




#49
Acenaphthylene
Concen: 49.200 ng
RT: 14.001 min Scan# 18
Delta R.T. -0.000 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:152 Resp: 335625

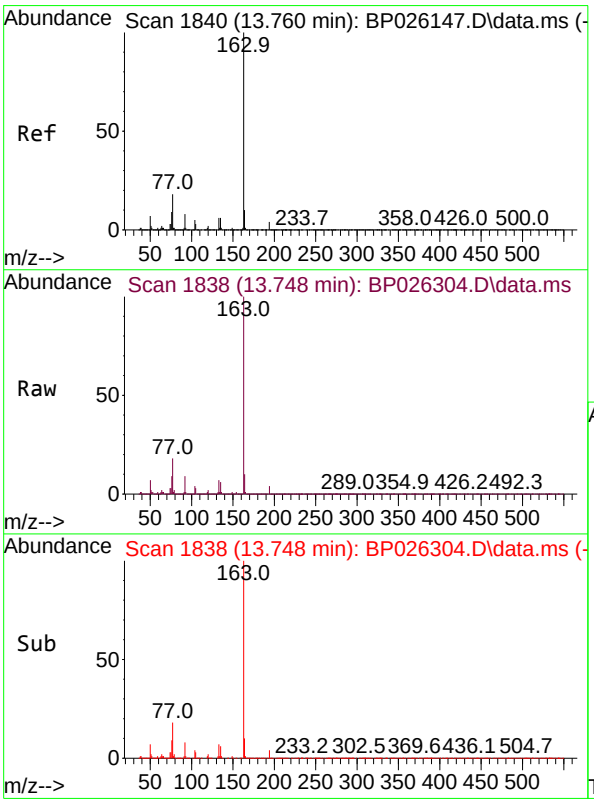
Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.8	23.8
153	13.4	10.6	16.0



Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MS

Manual Integrations
APPROVED

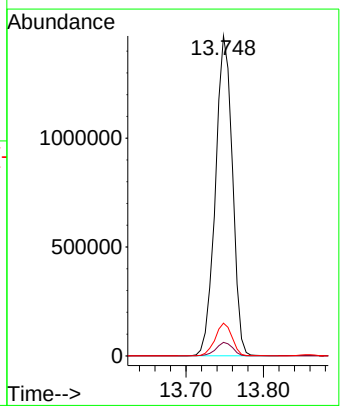
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

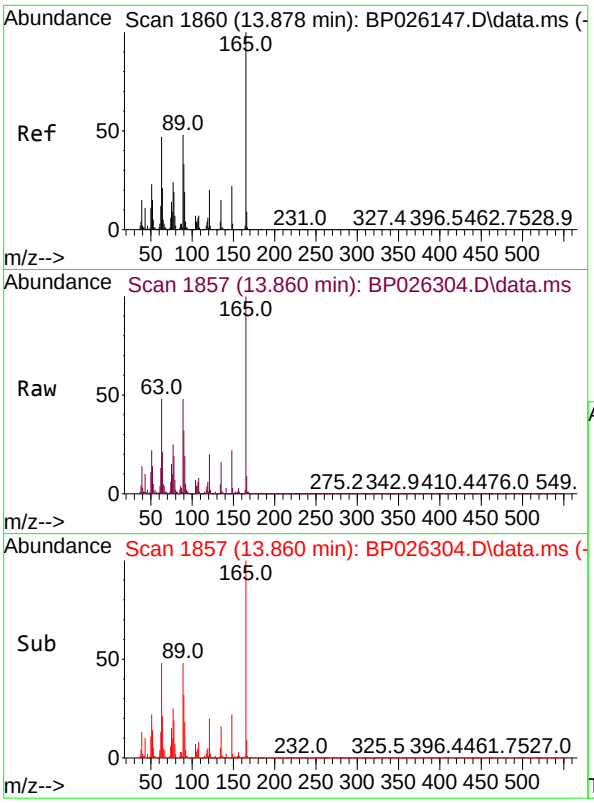


#50
Dimethylphthalate
Concen: 43.014 ng
RT: 13.748 min Scan# 1838
Delta R.T. 0.006 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:163 Resp: 2239528

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.2	8.2	12.2

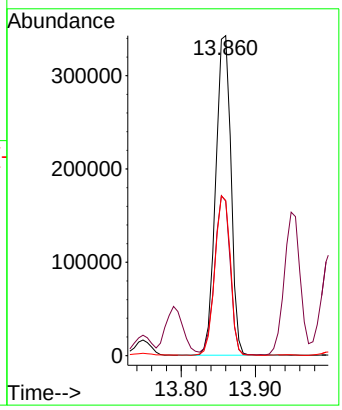




#51
2,6-Dinitrotoluene
Concen: 47.599 ng
RT: 13.860 min Scan# 18
Delta R.T. 0.006 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:165 Resp: 489749

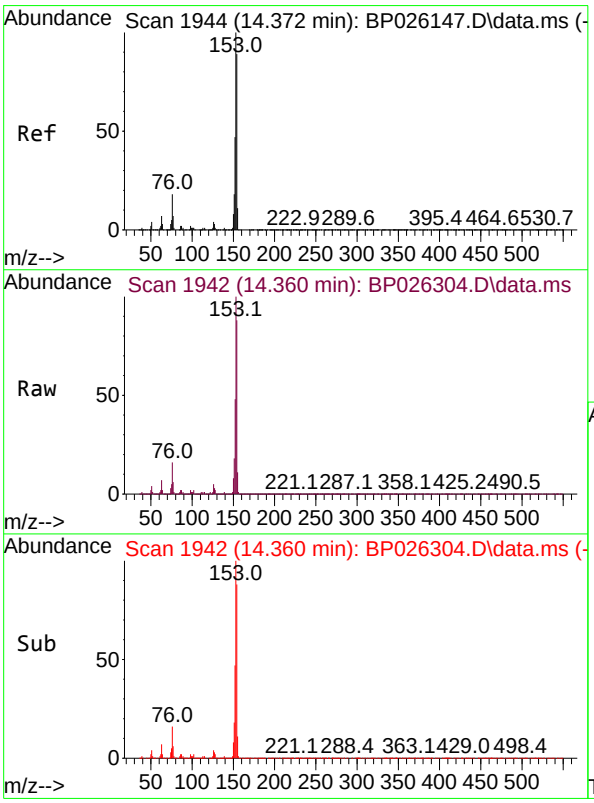
Ion	Ratio	Lower	Upper
165	100		
63	48.3	40.5	60.7
89	48.5	41.3	61.9



Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MS

Manual Integrations
APPROVED

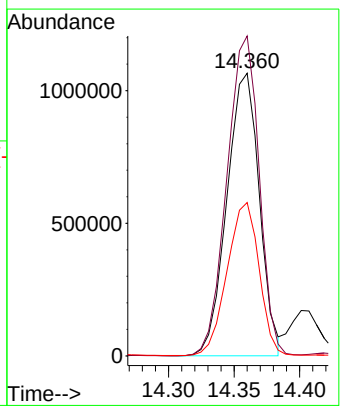
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

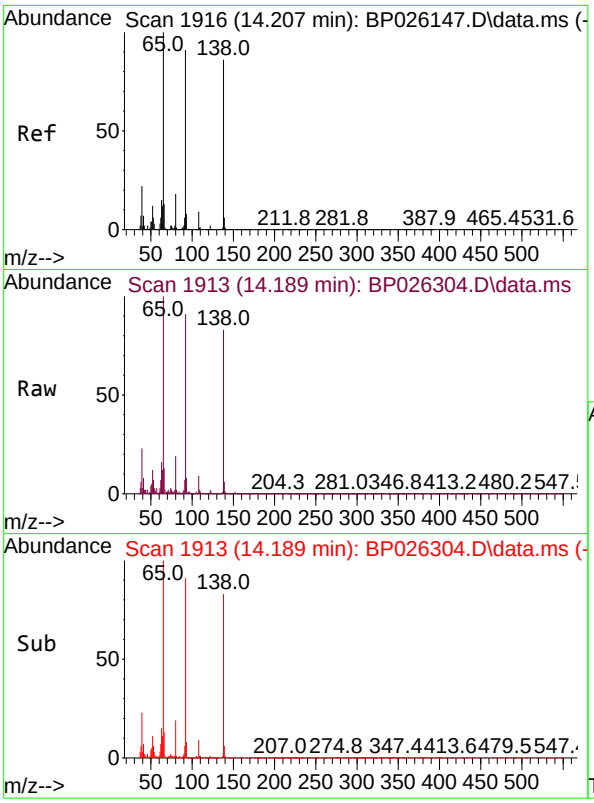


#52
Acenaphthene
Concen: 45.993 ng
RT: 14.360 min Scan# 1942
Delta R.T. 0.006 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:154 Resp: 1834585

Ion	Ratio	Lower	Upper
154	100		
153	113.2	90.7	136.1
152	54.2	42.8	64.2





#53
3-Nitroaniline
Concen: 25.184 ng
RT: 14.189 min Scan# 19
Delta R.T. -0.000 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

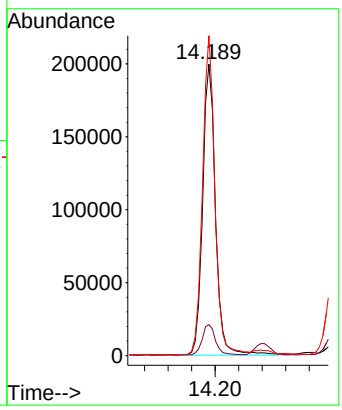
Tgt Ion:138 Resp: 30289

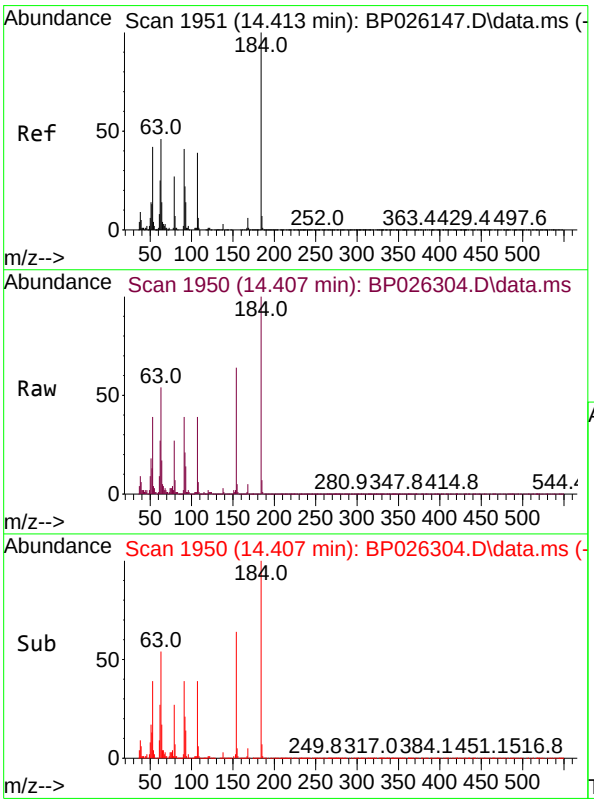
Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.9	13.3
92	109.8	86.3	129.5

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MS

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Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

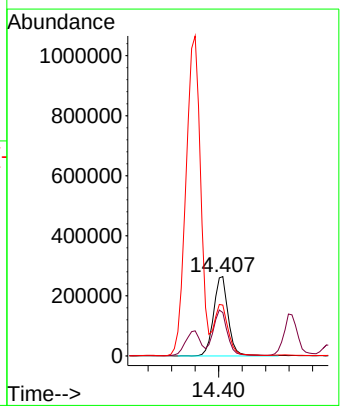


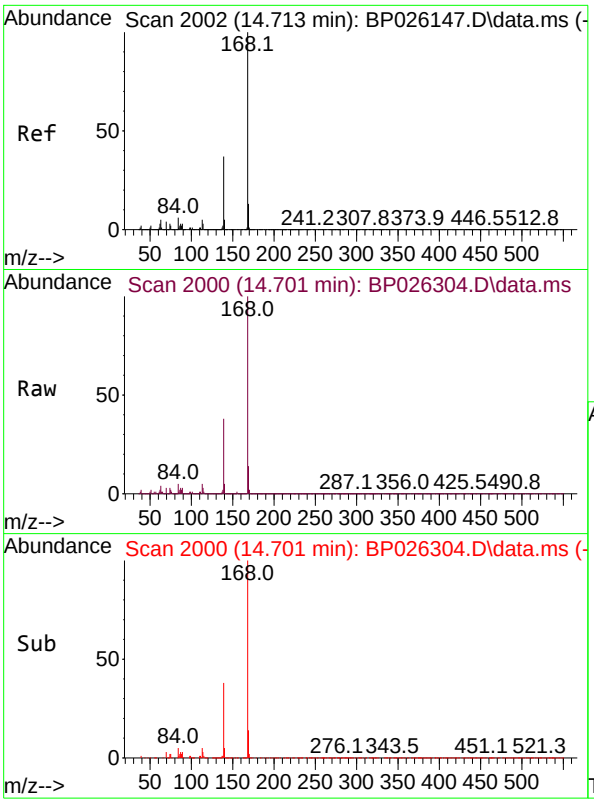


#54
2,4-Dinitrophenol
Concen: 82.704 ng
RT: 14.407 min Scan# 1950
Delta R.T. 0.011 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:184 Resp: 453677

Ion	Ratio	Lower	Upper
184	100		
63	54.5	43.1	64.7
154	64.0	49.5	74.3

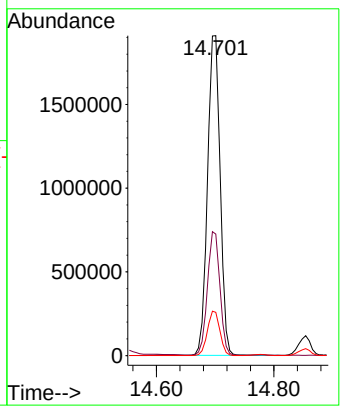




#55
Dibenzofuran
Concen: 45.928 ng
RT: 14.701 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:168 Resp: 284897

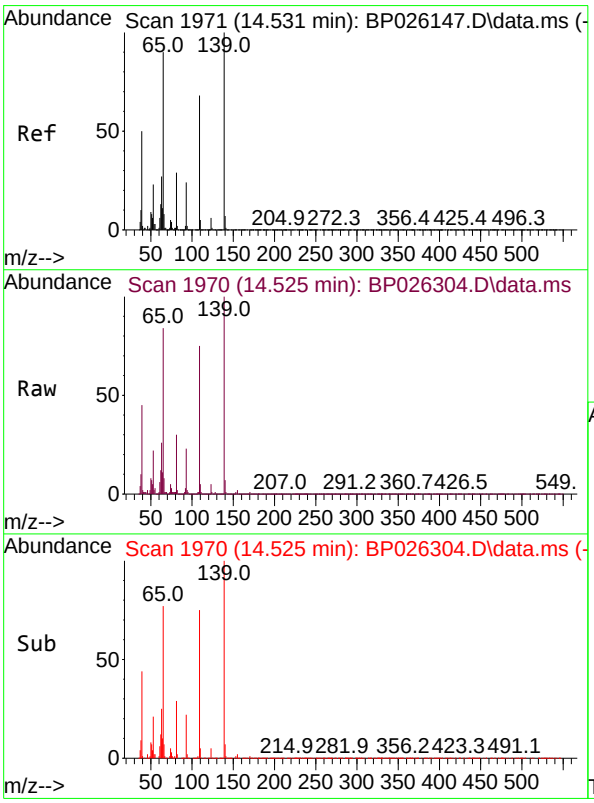
Ion	Ratio	Lower	Upper
168	100		
139	38.0	29.8	44.6
169	13.5	10.9	16.3



Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MS

Manual Integrations
APPROVED

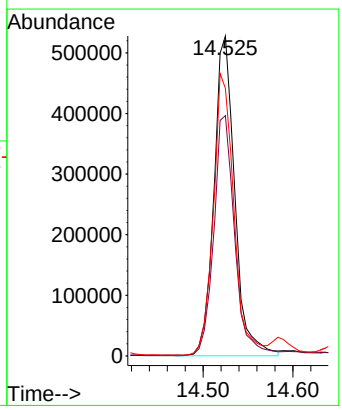
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

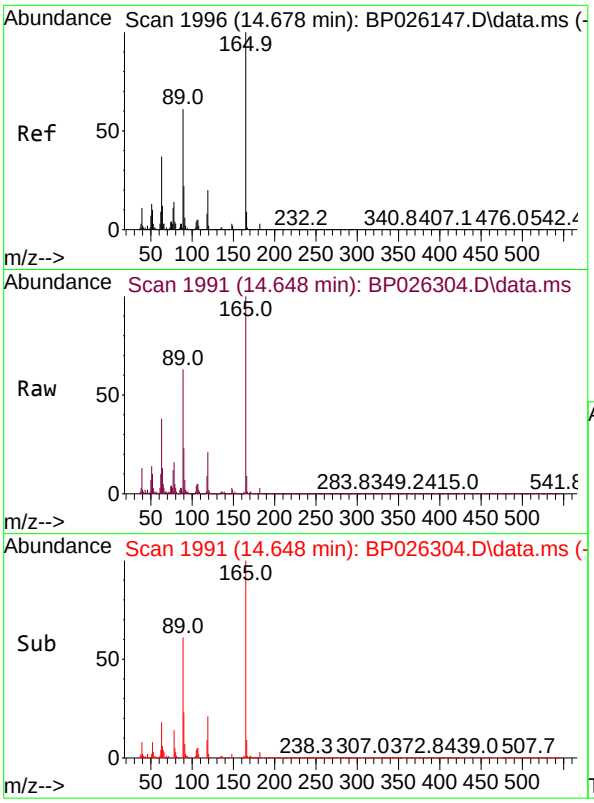


#56
4-Nitrophenol
Concen: 79.101 ng
RT: 14.525 min Scan# 1970
Delta R.T. 0.017 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:139 Resp: 849507

Ion	Ratio	Lower	Upper
139	100		
109	75.1	46.8	86.8
65	83.6	69.3	109.3

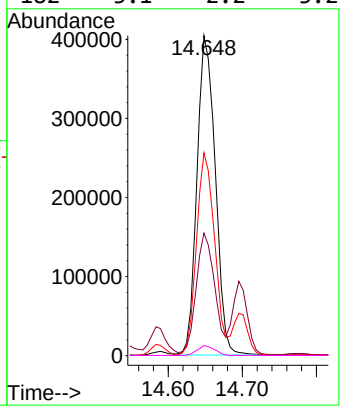




#57
2,4-Dinitrotoluene
Concen: 45.400 ng
RT: 14.648 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:165 Resp: 694890

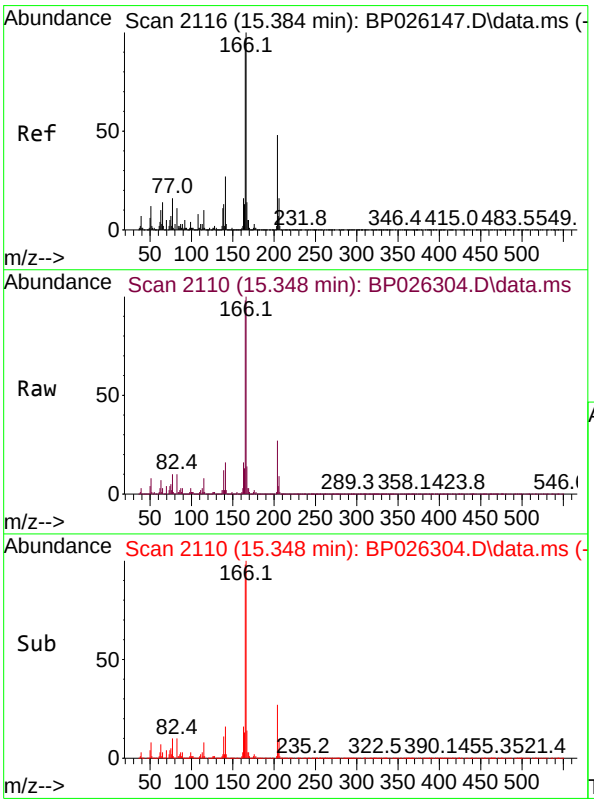
Ion	Ratio	Lower	Upper
165	100		
63	38.3	31.0	46.6
89	63.4	51.7	77.5
182	3.1	2.2	3.2



Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MS

Manual Integrations
APPROVED

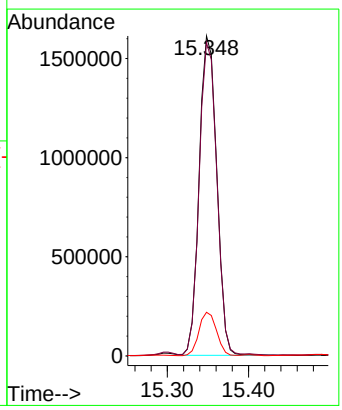
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

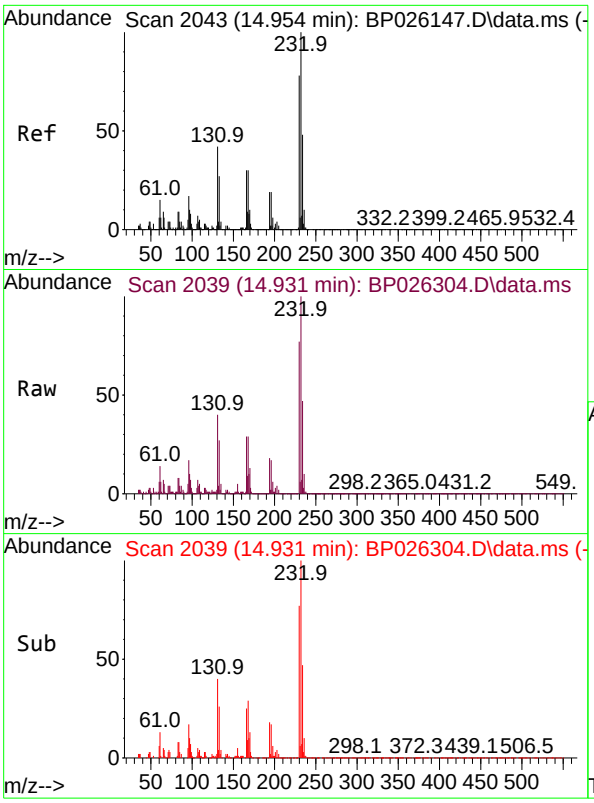


#58
Fluorene
Concen: 49.475 ng
RT: 15.348 min Scan# 2110
Delta R.T. -0.012 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:166 Resp: 2427911

Ion	Ratio	Lower	Upper
166	100		
165	97.9	77.9	116.9
167	13.6	11.0	16.4

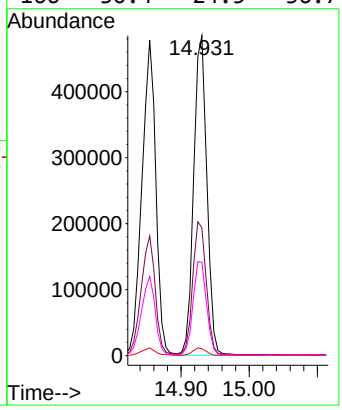




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.927 ng
RT: 14.931 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:232 Resp: 65494

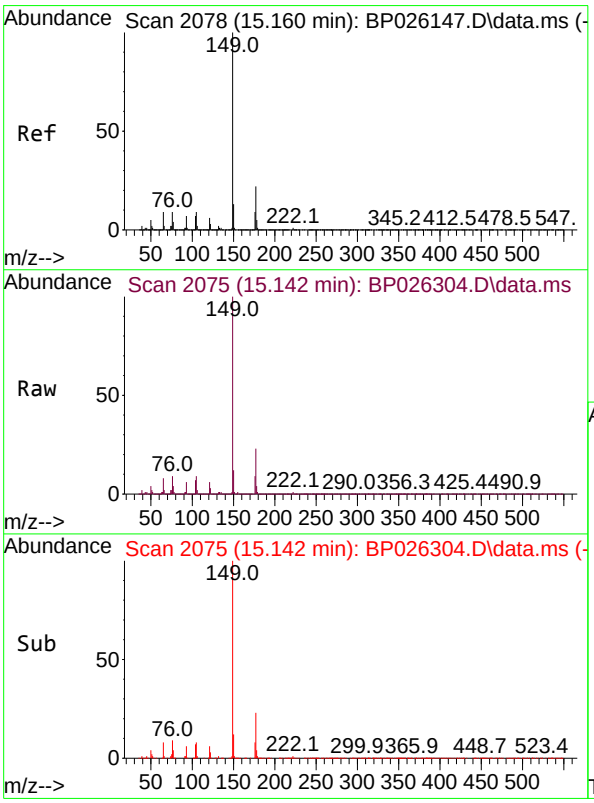
Ion	Ratio	Lower	Upper
232	100		
131	42.7	34.8	52.2
130	2.3	1.8	2.8
166	30.4	24.5	36.7



Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MS

Manual Integrations
APPROVED

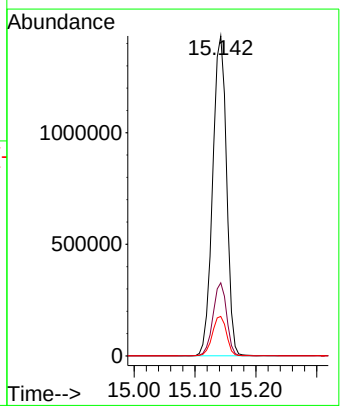
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

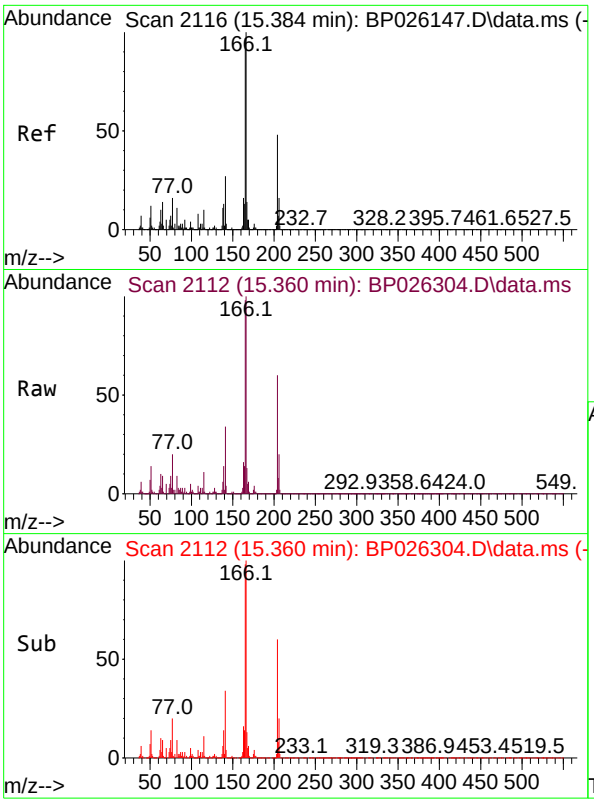


#60
Diethylphthalate
Concen: 43.541 ng
RT: 15.142 min Scan# 2075
Delta R.T. 0.012 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:149 Resp: 2273713

Ion	Ratio	Lower	Upper
149	100		
177	22.8	17.9	26.9
150	12.3	9.9	14.9

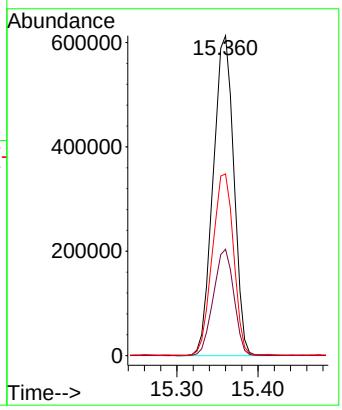




#61
4-Chlorophenyl-phenylether
Concen: 44.395 ng
RT: 15.360 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:204 Resp: 108626

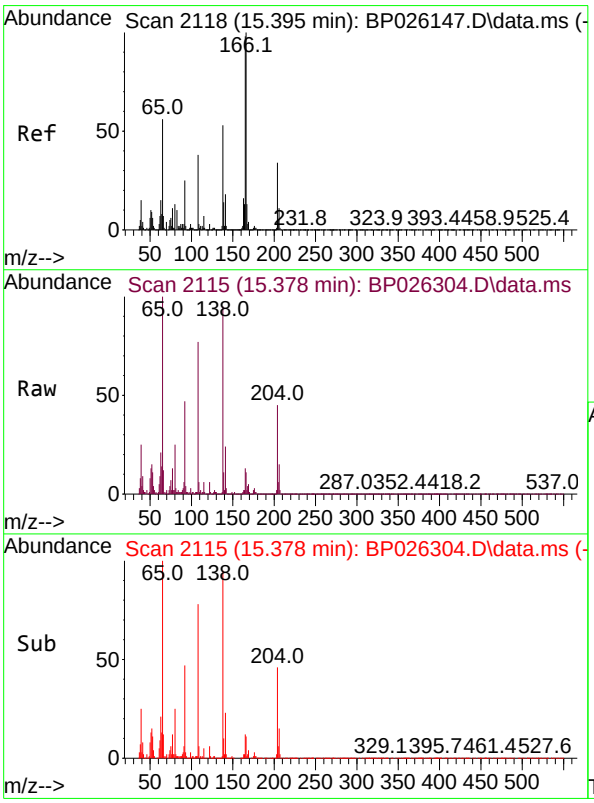
Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.2	39.2
141	56.8	48.1	72.1



Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MS

Manual Integrations
APPROVED

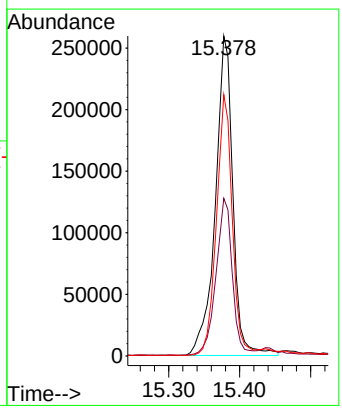
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

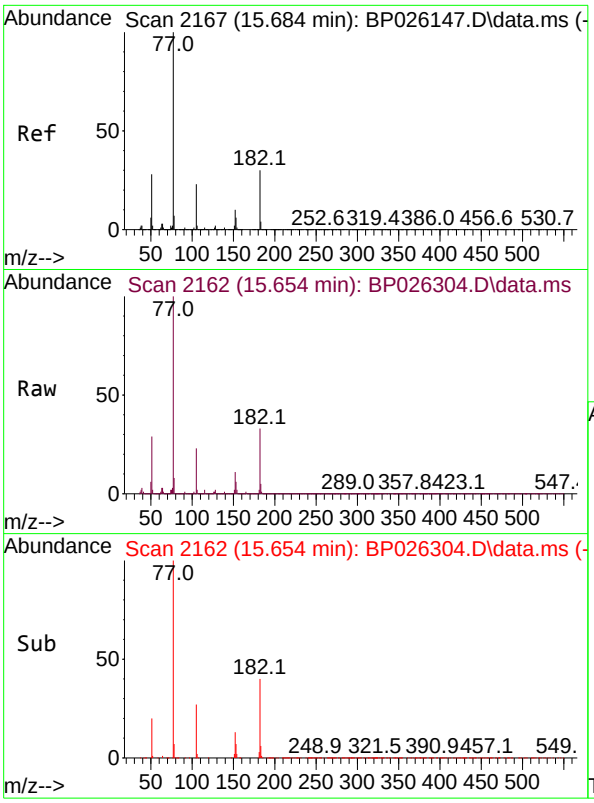


#62
4-Nitroaniline
Concen: 35.770 ng
RT: 15.378 min Scan# 2115
Delta R.T. 0.006 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:138 Resp: 446509

Ion	Ratio	Lower	Upper
138	100		
92	49.2	27.5	67.5
108	81.6	51.1	91.1





#63
Azobenzene
Concen: 46.920 ng
RT: 15.654 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

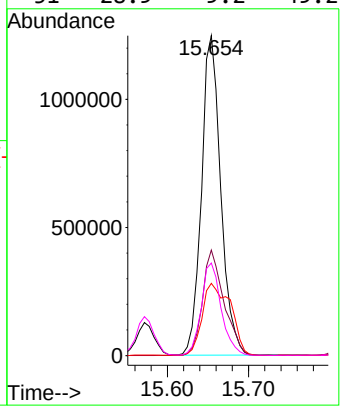
Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MS

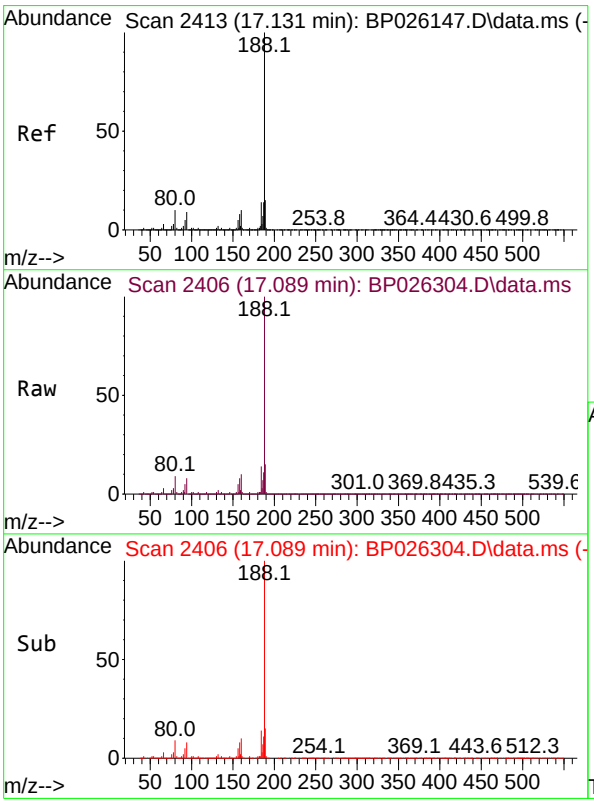
Tgt Ion: 77 Resp: 206028

Ion	Ratio	Lower	Upper
77	100		
182	33.0	8.8	48.8
105	22.6	2.6	42.6
51	28.9	9.2	49.2

Manual Integrations
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Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

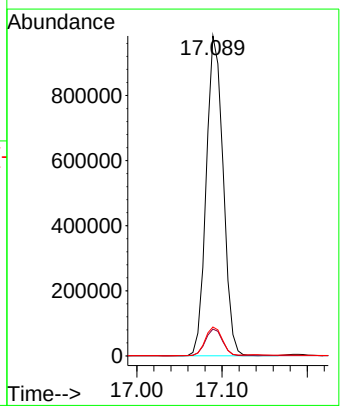


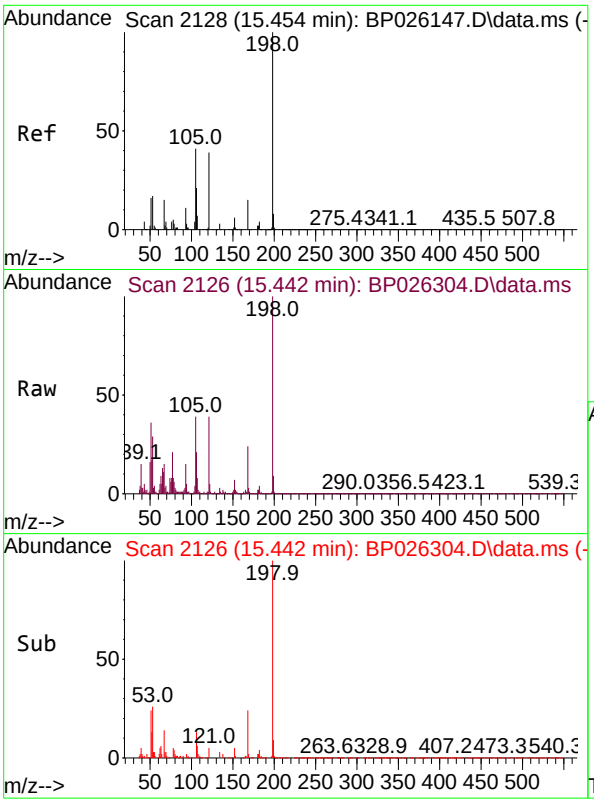


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.089 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:188 Resp: 1354726

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.8	11.6
80	9.0	8.2	12.2

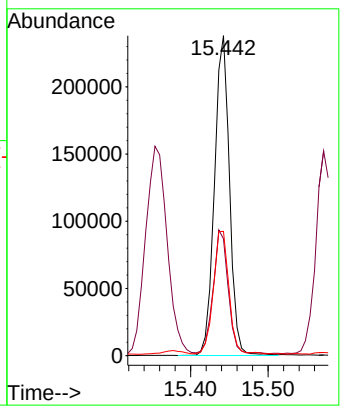




#65
4,6-Dinitro-2-methylphenol
Concen: 40.169 ng
RT: 15.442 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:198 Resp: 32141

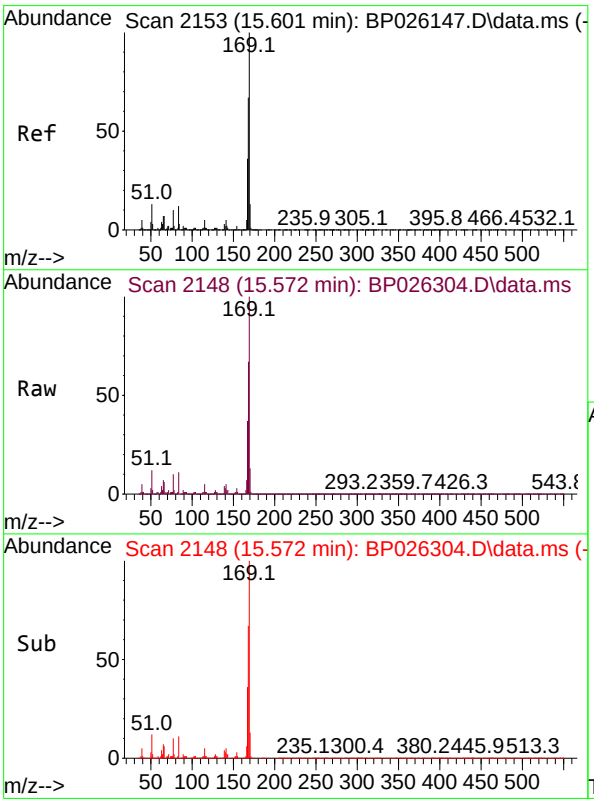
Ion	Ratio	Lower	Upper
198	100		
51	36.5	18.4	58.4
105	38.8	18.5	58.5



Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MS

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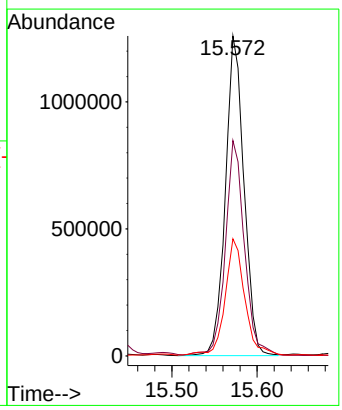
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

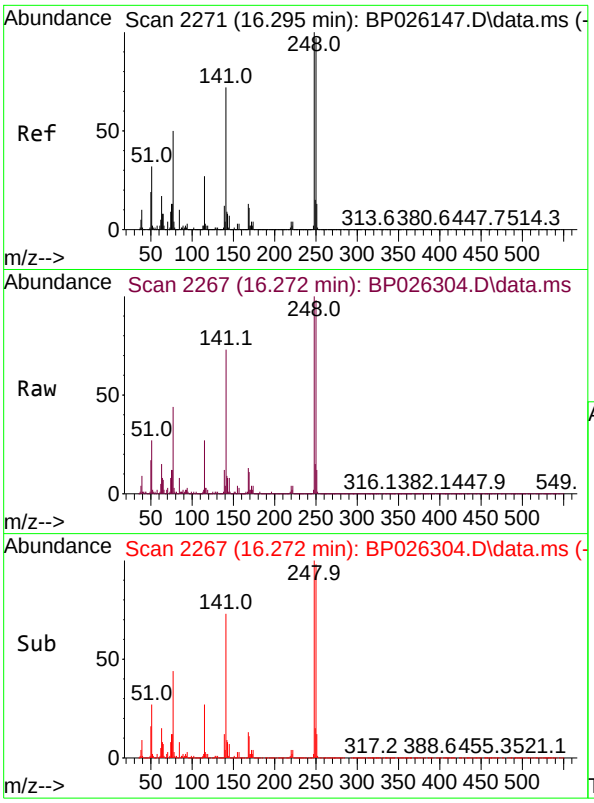


#66
n-Nitrosodiphenylamine
Concen: 45.402 ng
RT: 15.572 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:169 Resp: 1901710

Ion	Ratio	Lower	Upper
169	100		
168	67.3	53.1	79.7
167	36.6	28.9	43.3





#67
4-Bromophenyl-phenylether
Concen: 48.150 ng
RT: 16.272 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

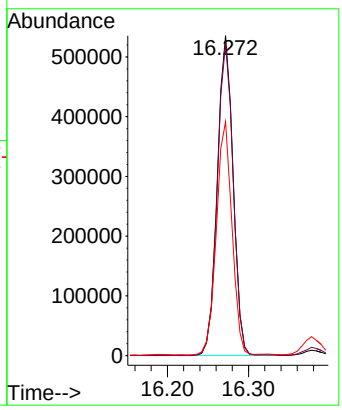
Tgt Ion:248 Resp: 72315

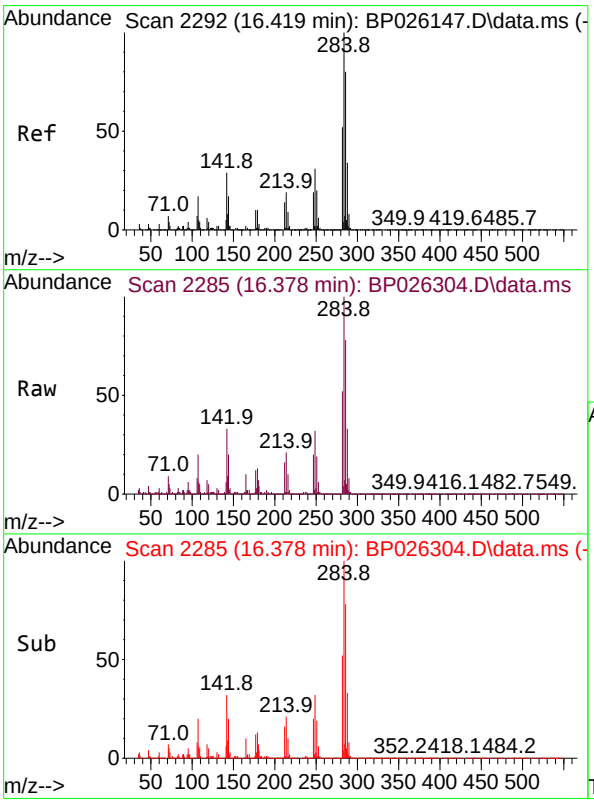
Ion	Ratio	Lower	Upper
248	100		
250	97.6	77.8	116.6
141	73.1	55.4	83.0

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MS

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Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

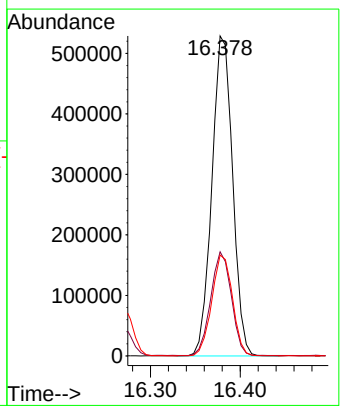


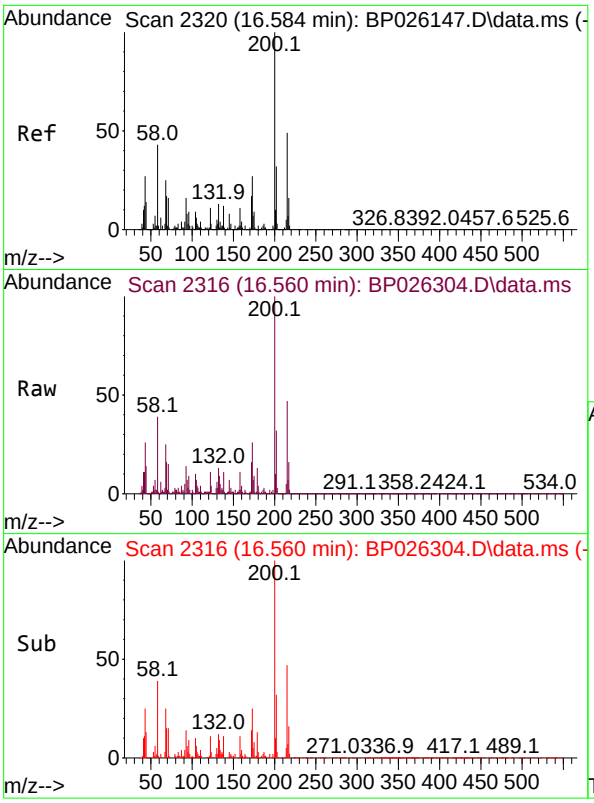


#68
Hexachlorobenzene
Concen: 48.616 ng
RT: 16.378 min Scan# 2285
Delta R.T. -0.012 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:284 Resp: 848577

Ion	Ratio	Lower	Upper
284	100		
142	32.5	28.0	42.0
249	31.5	25.0	37.4

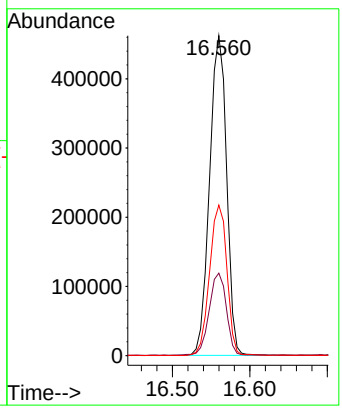




#69
Atrazine
Concen: 44.809 ng
RT: 16.560 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:200 Resp: 70568

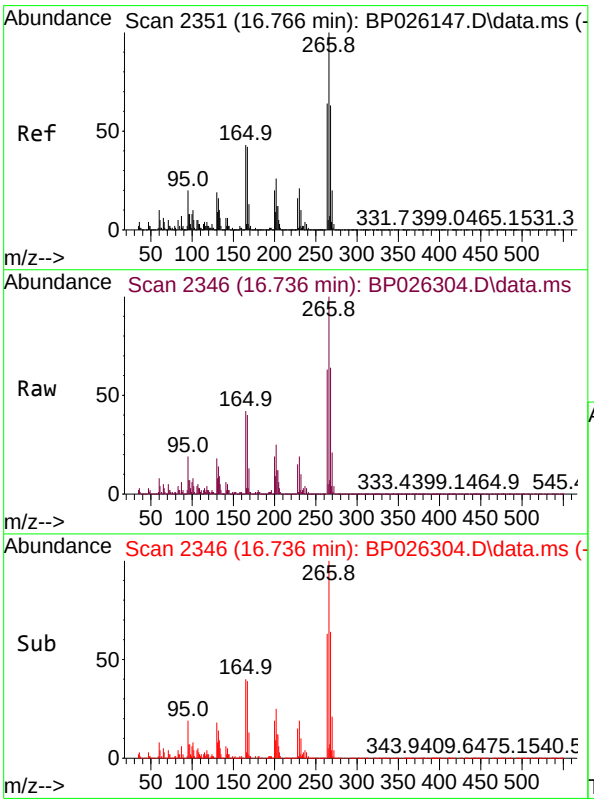
Ion	Ratio	Lower	Upper
200	100		
173	25.8	6.7	46.7
215	47.0	27.4	67.4



Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MS

Manual Integrations
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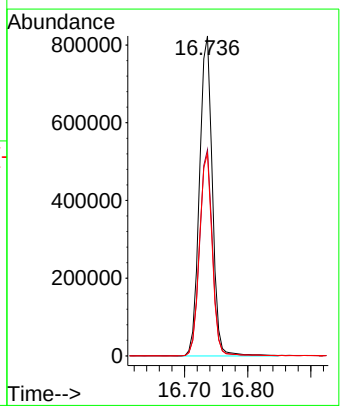
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

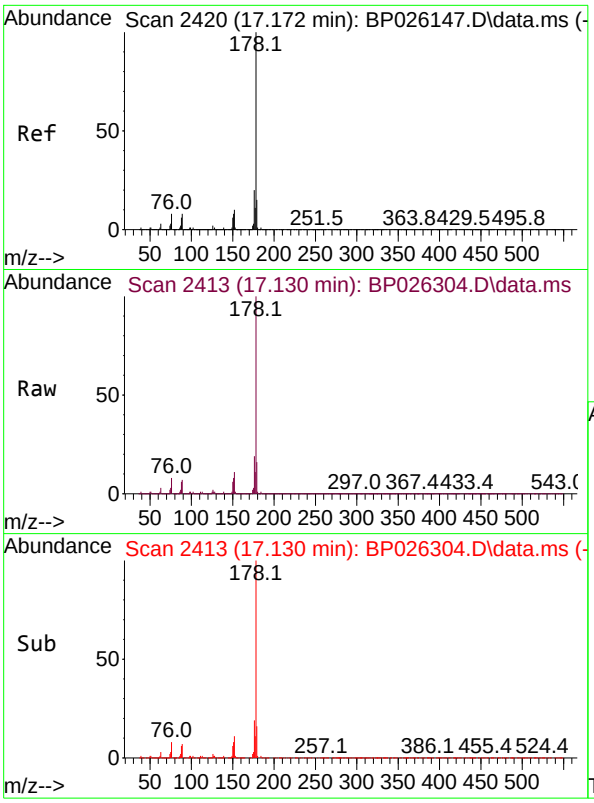


#70
Pentachlorophenol
Concen: 95.894 ng
RT: 16.736 min Scan# 2346
Delta R.T. -0.006 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:266 Resp: 1161181

Ion	Ratio	Lower	Upper
266	100		
268	64.4	51.0	76.4
264	63.3	50.2	75.2

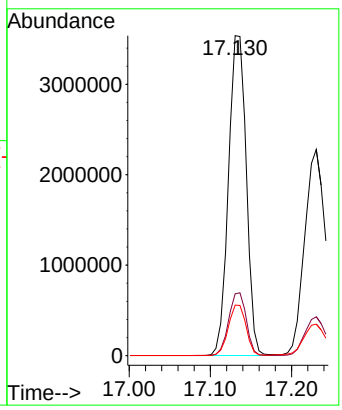




#71
Phenanthrene
Concen: 70.701 ng
RT: 17.130 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:178 Resp: 539954

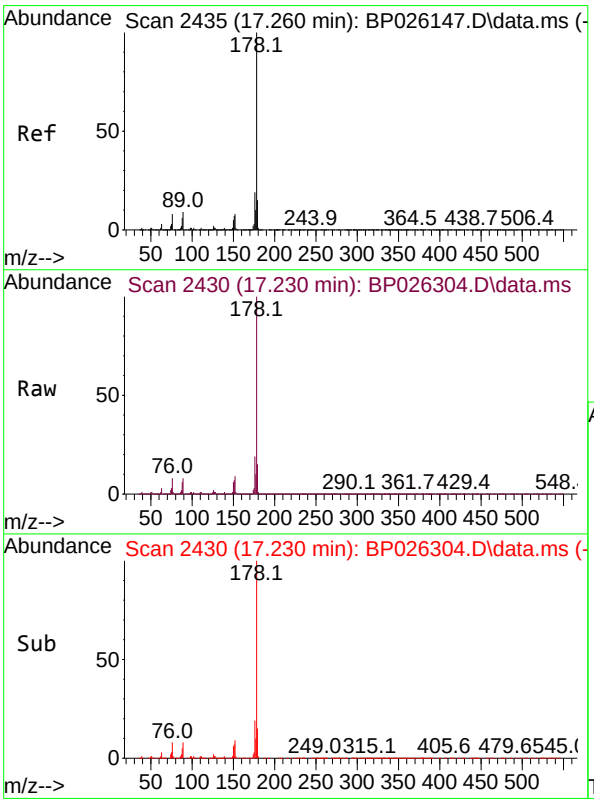
Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.8	12.4	18.6



Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MS

Manual Integrations
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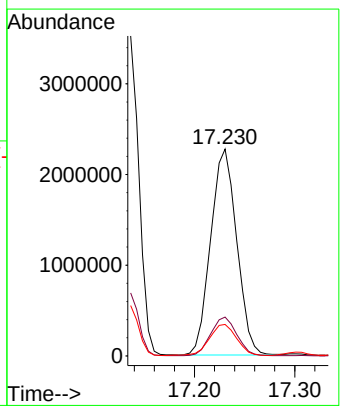
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

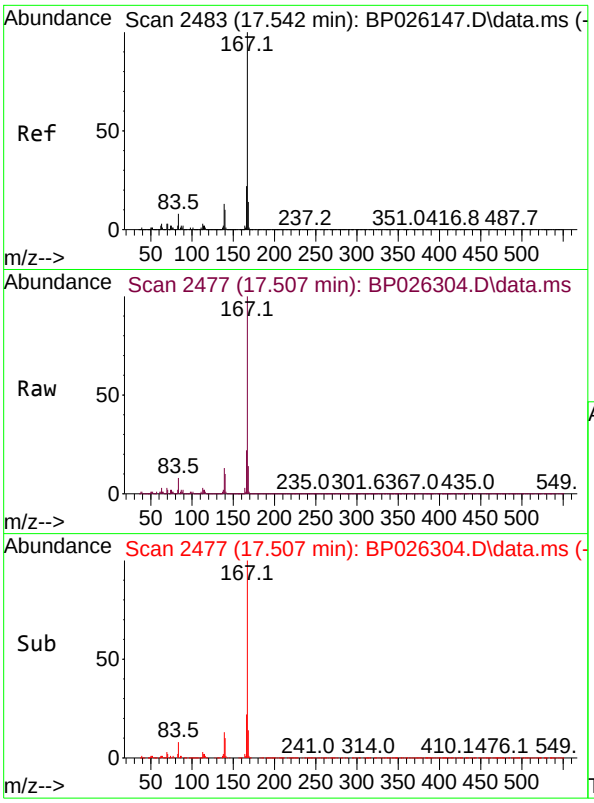


#72
Anthracene
Concen: 52.769 ng
RT: 17.230 min Scan# 2430
Delta R.T. -0.000 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:178 Resp: 4104774

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.8	22.2
179	15.2	12.2	18.4

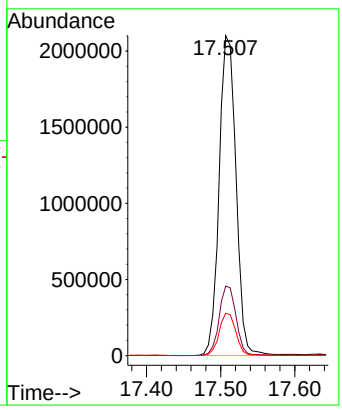




#73
Carbazole
Concen: 45.087 ng
RT: 17.507 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:167 Resp: 332031

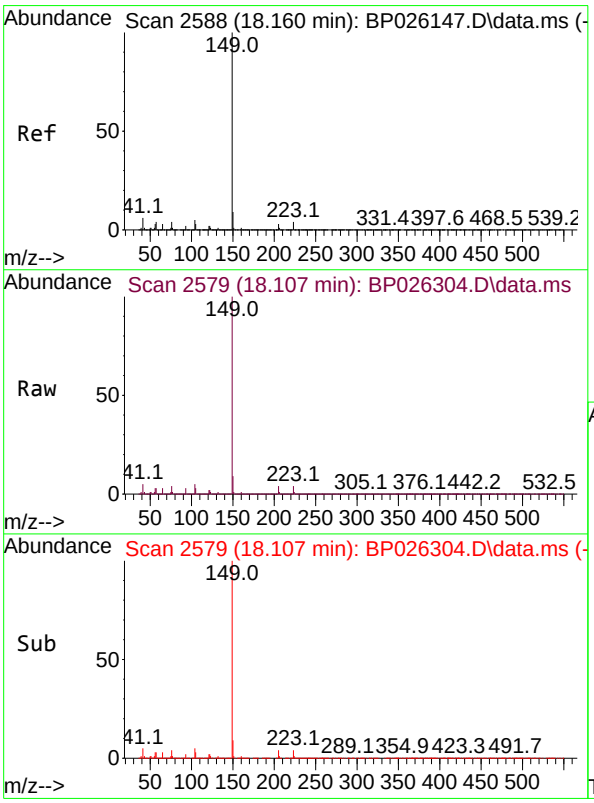
Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.1	25.7
139	13.3	10.2	15.4



Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MS

Manual Integrations
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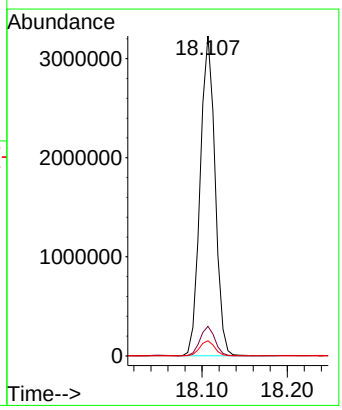
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

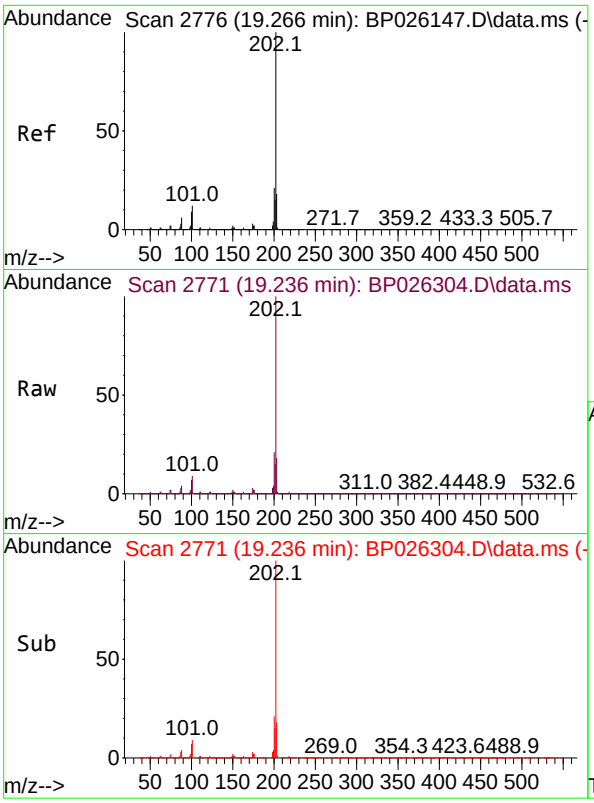


#74
Di-n-butylphthalate
Concen: 45.000 ng
RT: 18.107 min Scan# 2579
Delta R.T. -0.018 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:149 Resp: 3915082

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	4.7	3.6	5.4

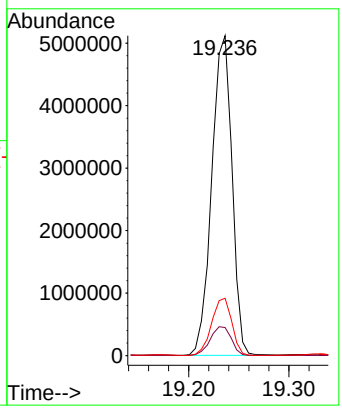




#75
Fluoranthene
Concen: 77.282 ng
RT: 19.236 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:202 Resp: 718302

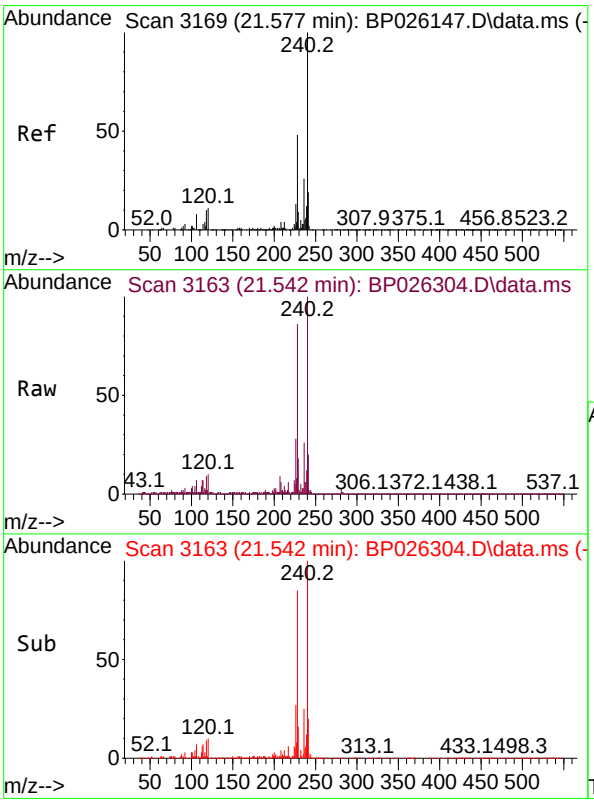
Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	31.2
203	17.9	0.0	37.7



Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MS

Manual Integrations
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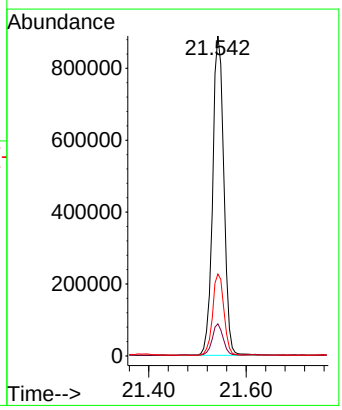
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

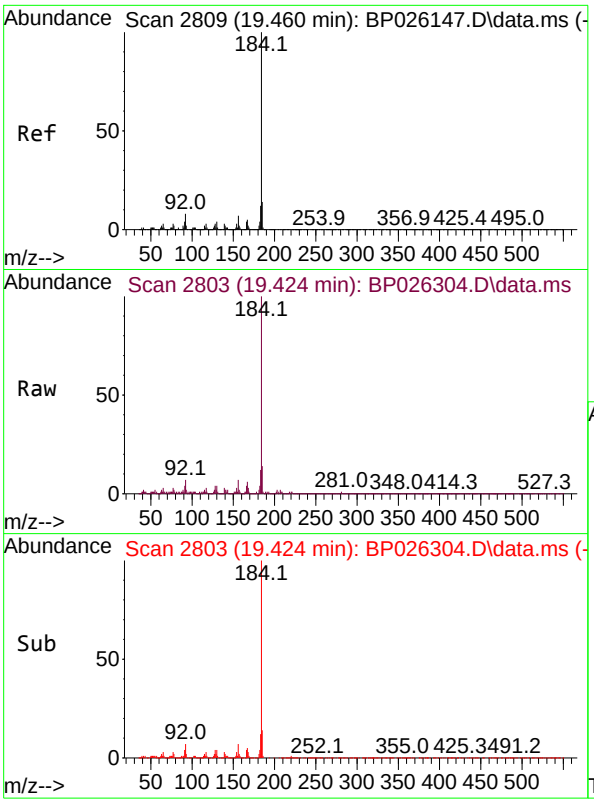


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.542 min Scan# 3163
Delta R.T. 0.006 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:240 Resp: 1425670

Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.0	13.4
236	25.6	20.4	30.6

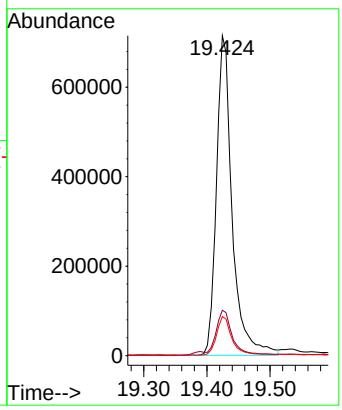




#77
Benzidine
Concen: 27.672 ng
RT: 19.424 min Scan# 28
Delta R.T. -0.006 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:184 Resp: 123863

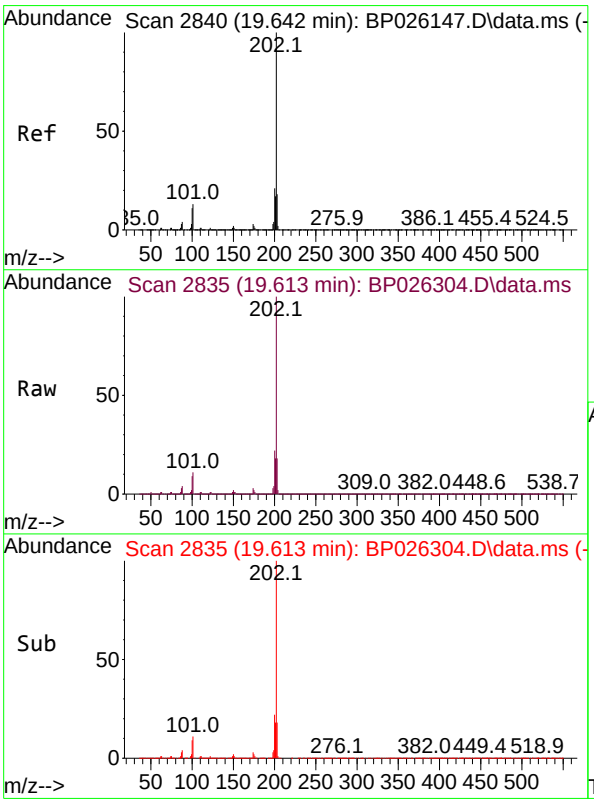
Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.3	16.9
183	12.2	9.0	13.6



Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MS

Manual Integrations
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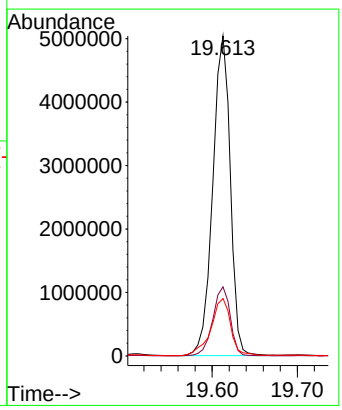
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

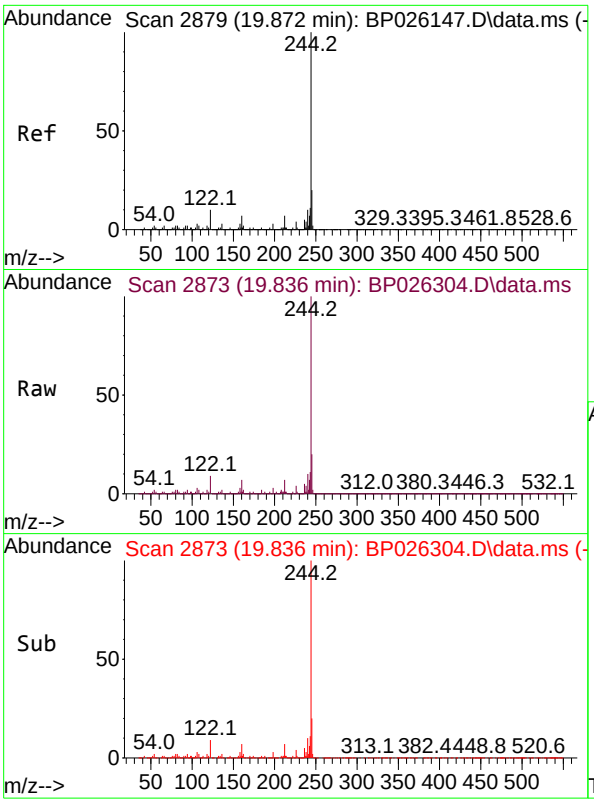


#78
Pyrene
Concen: 77.522 ng
RT: 19.613 min Scan# 2835
Delta R.T. -0.000 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:202 Resp: 7202140

Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.9	25.3
203	17.9	13.8	20.8

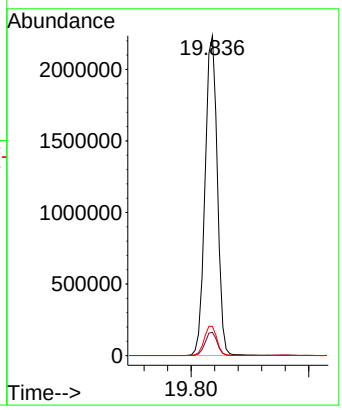




#79
Terphenyl-d14
Concen: 46.366 ng
RT: 19.836 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:244 Resp: 323408

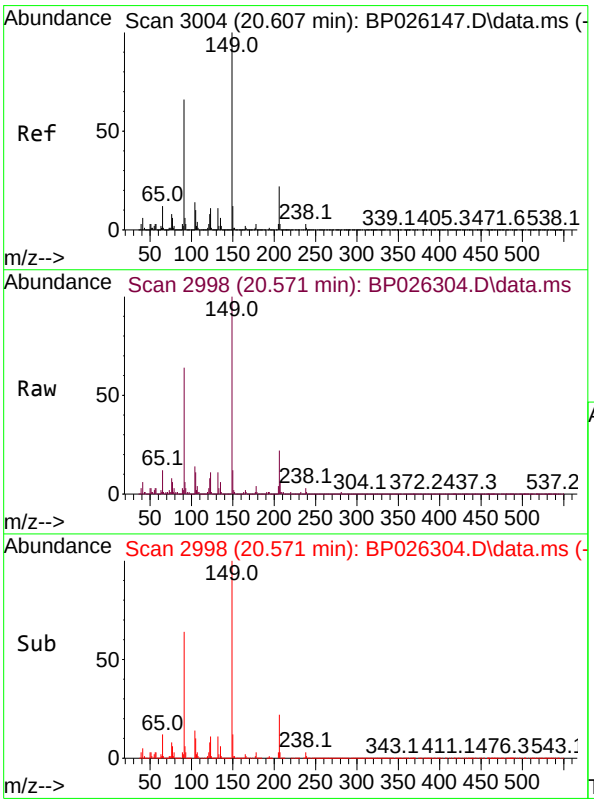
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	9.1	8.2	12.2



Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MS

Manual Integrations
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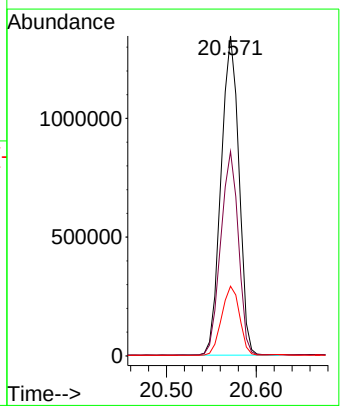
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

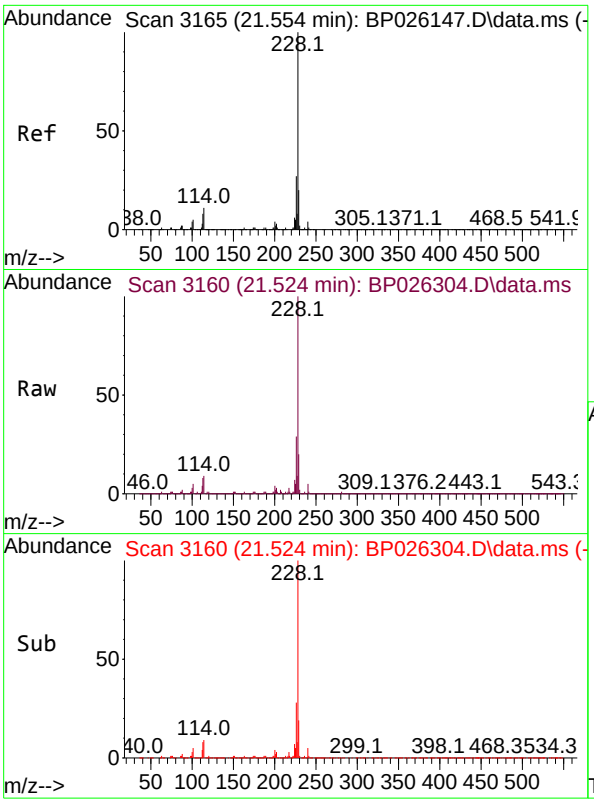


#80
Butylbenzylphthalate
Concen: 45.939 ng
RT: 20.571 min Scan# 2998
Delta R.T. -0.000 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:149 Resp: 1873089

Ion	Ratio	Lower	Upper
149	100		
91	63.9	52.6	79.0
206	21.8	16.9	25.3

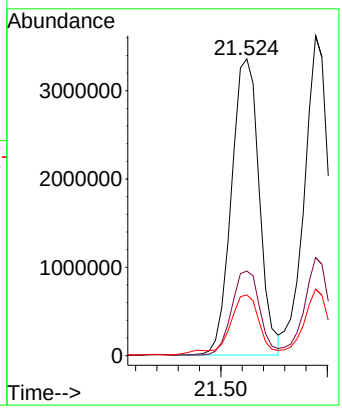




#81
Benzo(a)anthracene
Concen: 62.098 ng
RT: 21.524 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:228 Resp: 6072999

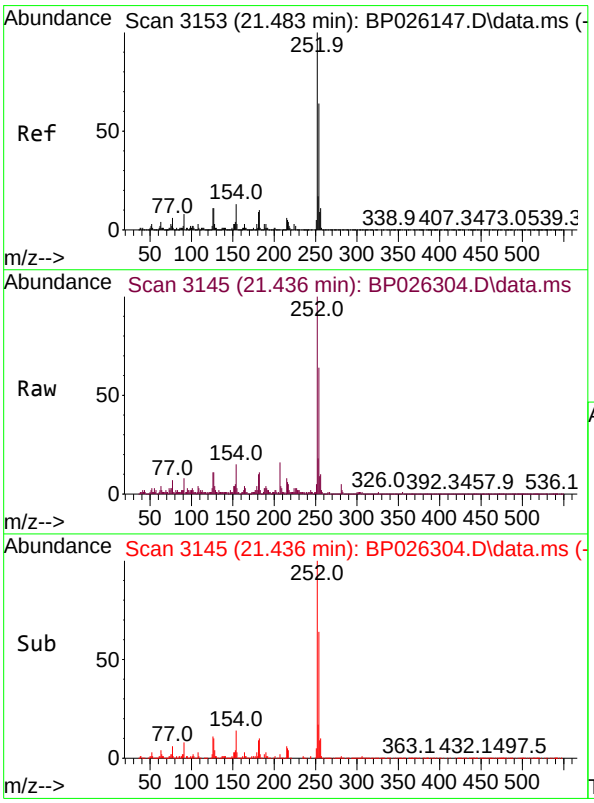
Ion	Ratio	Lower	Upper
228	100		
226	28.5	21.8	32.8
229	20.5	15.9	23.9



Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MS

Manual Integrations
APPROVED

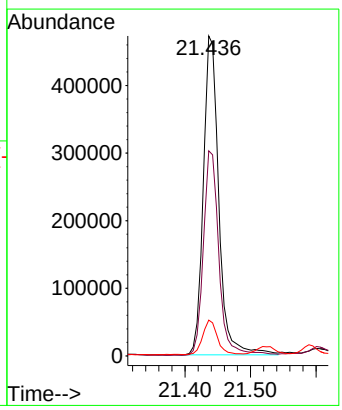
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

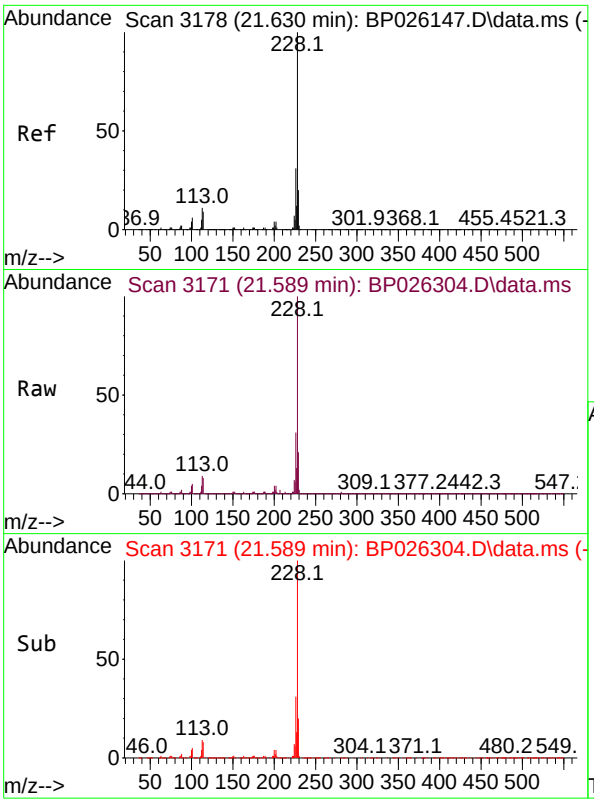


#82
3,3'-Dichlorobenzidine
Concen: 21.666 ng
RT: 21.436 min Scan# 3145
Delta R.T. -0.012 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:252 Resp: 770918

Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.2	76.8
126	11.2	8.2	12.4

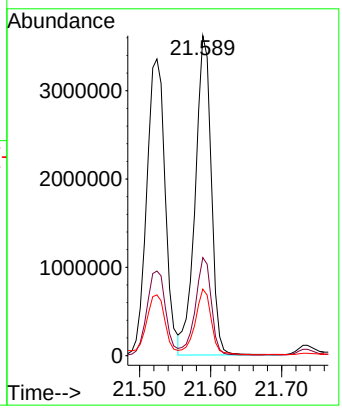




#83
Chrysene
Concen: 61.018 ng
RT: 21.589 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:228 Resp: 565029

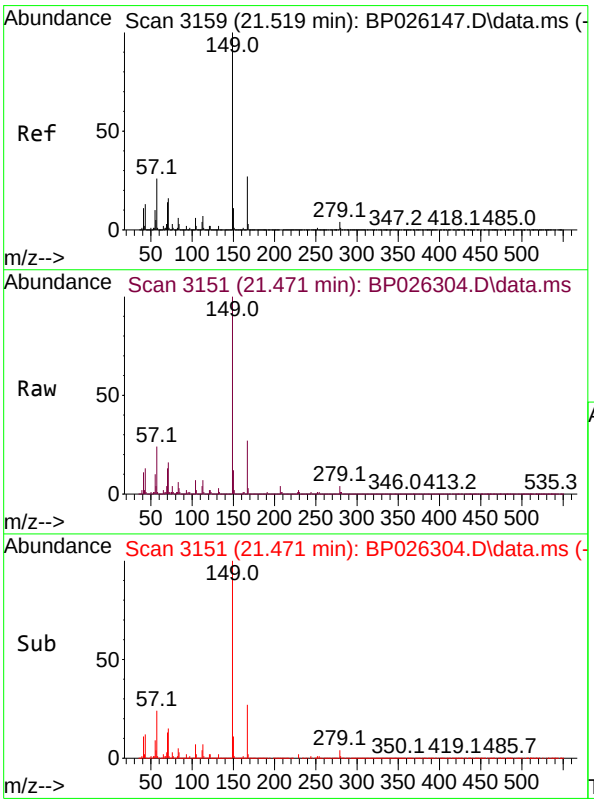
Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.9	35.9
229	20.8	15.9	23.9



Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MS

Manual Integrations
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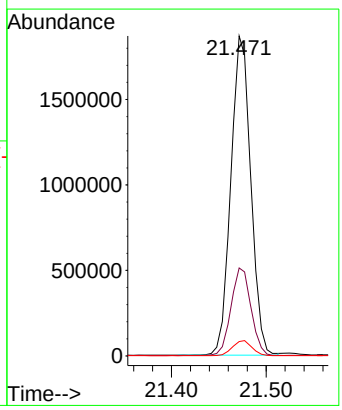
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

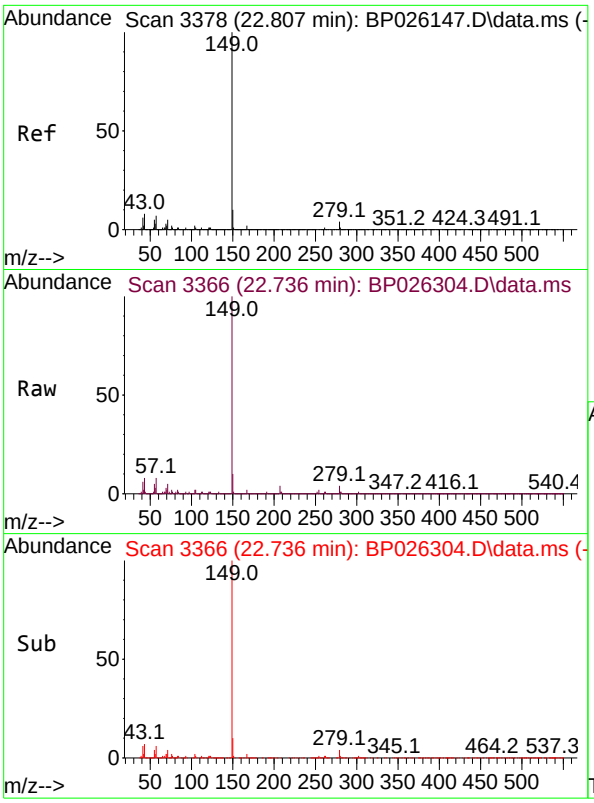


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.491 ng
RT: 21.471 min Scan# 3151
Delta R.T. -0.000 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:149 Resp: 2728731

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.1	33.1
279	4.5	3.3	4.9





#85
Di-n-octyl phthalate
Concen: 44.333 ng
RT: 22.736 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

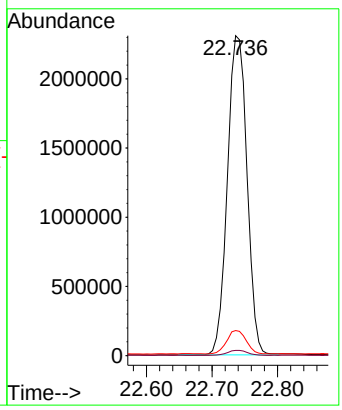
Tgt Ion:149 Resp: 479355

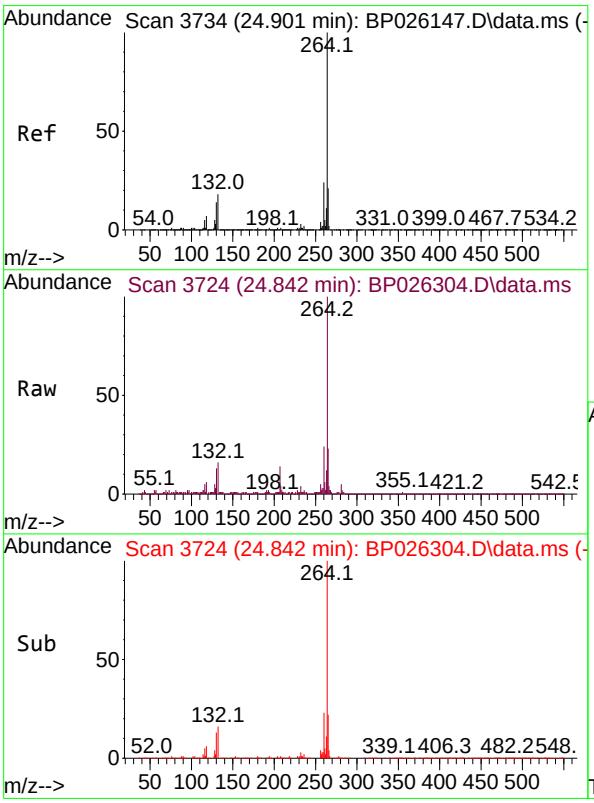
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.3	6.6	10.0

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MS

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

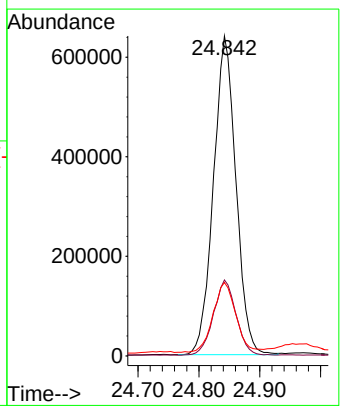


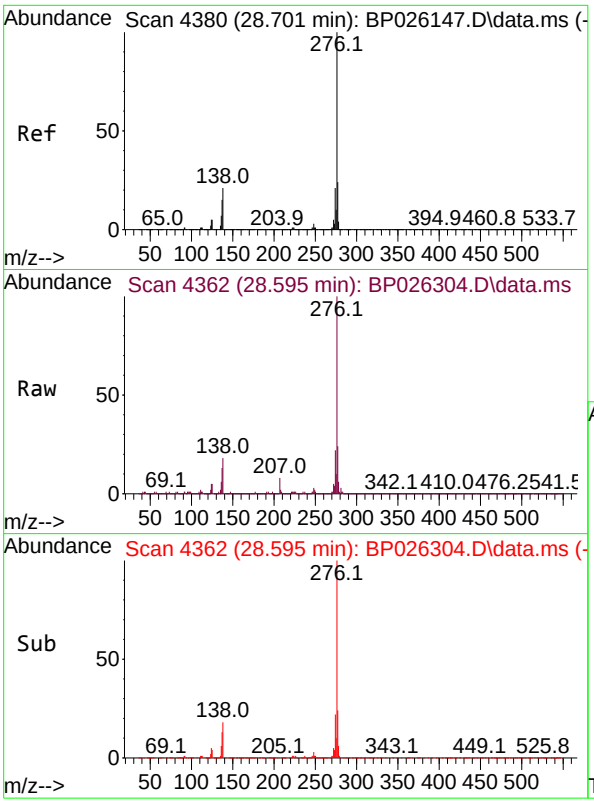


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.842 min Scan# 3724
Delta R.T. 0.017 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:264 Resp: 1646333

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	22.9	17.5	26.3

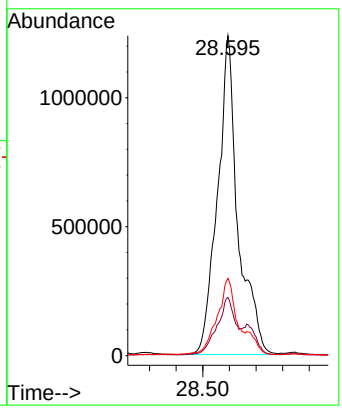




#87
Indeno(1,2,3-cd)pyrene
Concen: 53.259 ng
RT: 28.595 min Scan# 4
Delta R.T. 0.012 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:276 Resp: 662668

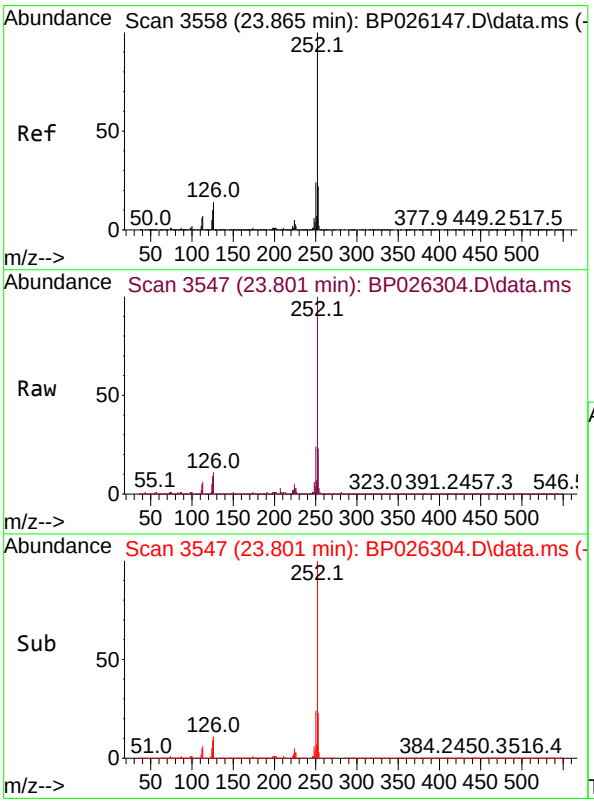
Ion	Ratio	Lower	Upper
276	100		
138	16.6	13.8	20.8
277	21.9	16.7	25.1



Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MS

Manual Integrations
APPROVED

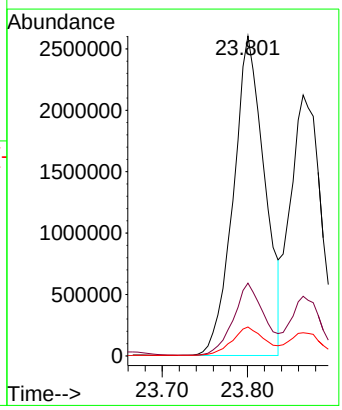
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

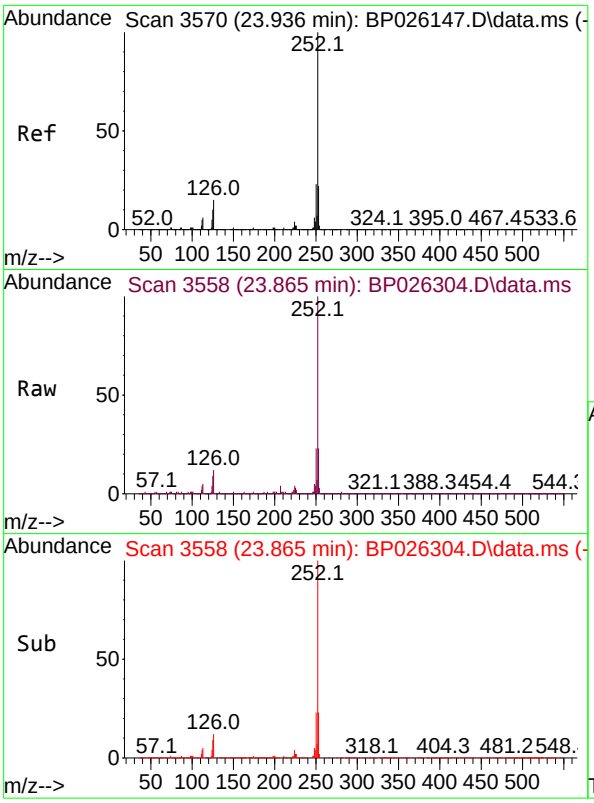


#88
Benzo(b)fluoranthene
Concen: 66.288 ng
RT: 23.801 min Scan# 3547
Delta R.T. 0.006 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:252 Resp: 6632481

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.6	26.4
125	9.0	8.2	12.4





#89
Benzo(k)fluoranthene
Concen: 52.849 ng
RT: 23.865 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

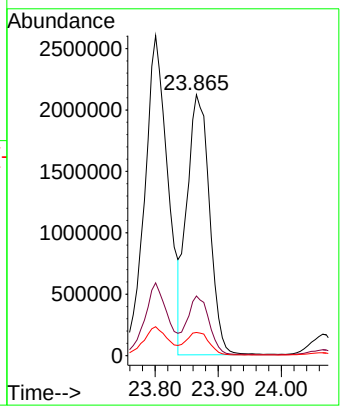
Tgt Ion:252 Resp: 528947

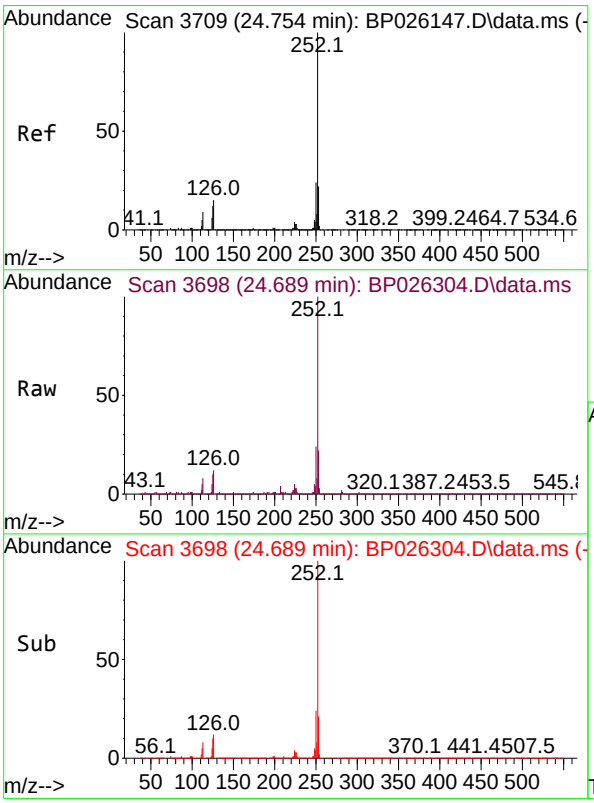
Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	8.9	7.5	11.3

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MS

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

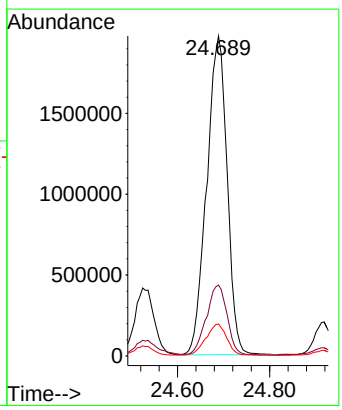


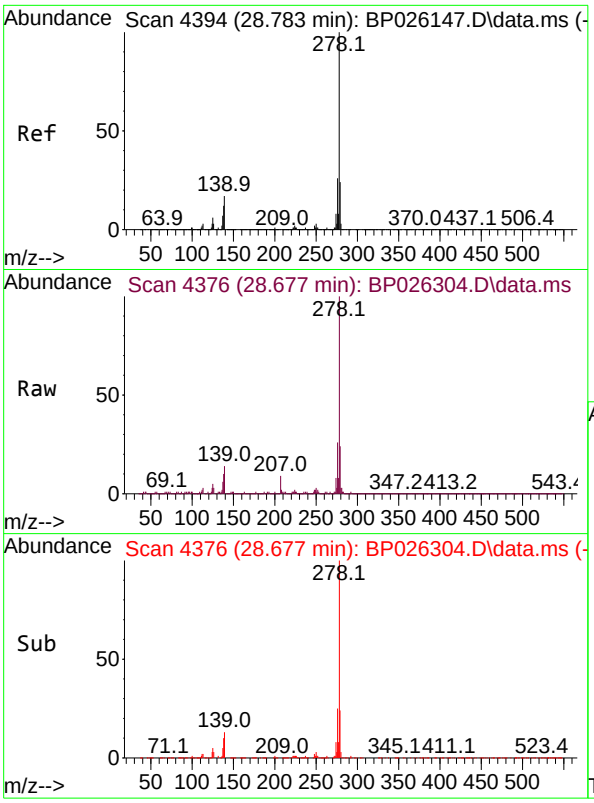


#90
Benzo(a)pyrene
Concen: 63.853 ng
RT: 24.689 min Scan# 3698
Delta R.T. 0.006 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:252 Resp: 6058181

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	10.0	9.0	13.6





#91
Dibenzo(a,h)anthracene
Concen: 47.311 ng
RT: 28.677 min Scan# 4
Delta R.T. 0.029 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

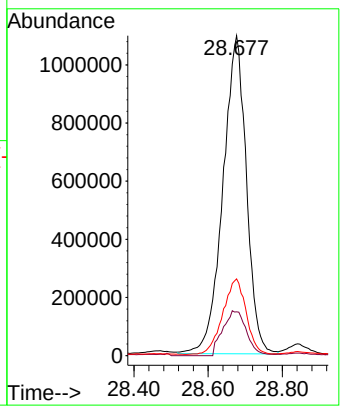
Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MS

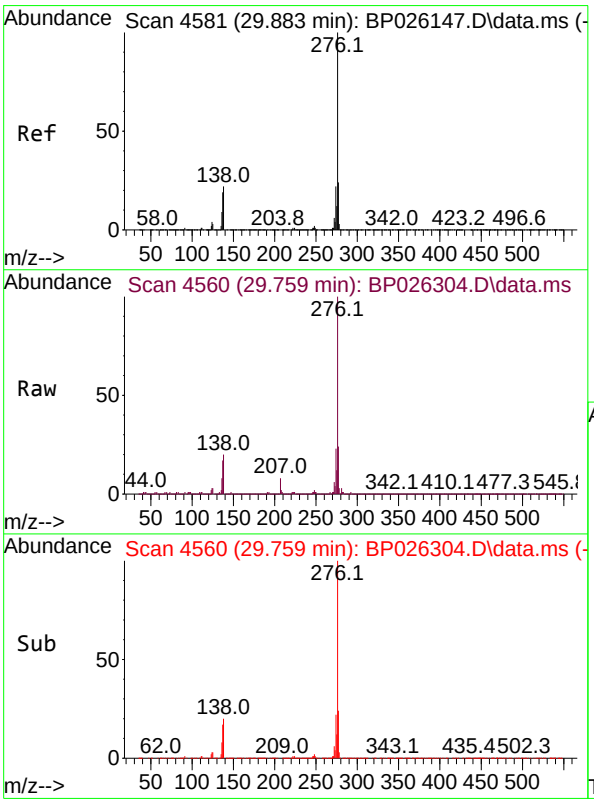
Tgt Ion:278 Resp: 481480

Ion	Ratio	Lower	Upper
278	100		
139	13.7	13.2	19.8
279	24.0	19.2	28.8

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

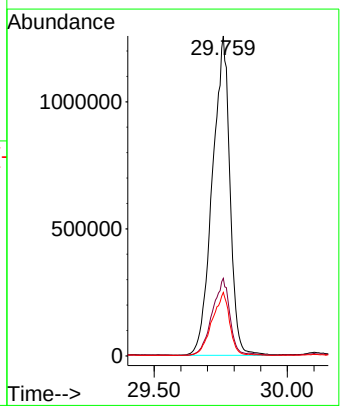




#92
Benzo(g,h,i)perylene
Concen: 56.574 ng
RT: 29.759 min Scan# 4560
Delta R.T. 0.012 min
Lab File: BP026304.D
Acq: 11 Dec 2025 22:44

Tgt Ion:276 Resp: 5739568

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.8	28.2
138	19.8	17.8	26.6



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

Report of Analysis

Client:	Woodard & Curran	Date Collected:	12/10/25
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	12/10/25
Client Sample ID:	PL-01-12102025MSD	SDG No.:	Q3834
Lab Sample ID:	Q3831-01MSD	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	91.4
Sample Wt/Vol:	50.07 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 12/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	890		1	100	220	ug/Kg	12/11/25 23:26	PB170902
108-95-2	Phenol	870		1	14.5	110	ug/Kg	12/11/25 23:26	PB170902
111-44-4	bis(2-Chloroethyl)ether	820		1	15.9	110	ug/Kg	12/11/25 23:26	PB170902
95-57-8	2-Chlorophenol	900		1	16.0	110	ug/Kg	12/11/25 23:26	PB170902
95-48-7	2-Methylphenol	880		1	19.6	110	ug/Kg	12/11/25 23:26	PB170902
108-60-1	2,2-oxybis(1-Chloropropane)	790		1	24.6	110	ug/Kg	12/11/25 23:26	PB170902
98-86-2	Acetophenone	880		1	19.3	110	ug/Kg	12/11/25 23:26	PB170902
65794-96-9	3+4-Methylphenols	860		1	26.9	220	ug/Kg	12/11/25 23:26	PB170902
621-64-7	n-Nitroso-di-n-propylamine	810		1	31.1	52.4	ug/Kg	12/11/25 23:26	PB170902
67-72-1	Hexachloroethane	840		1	11.5	110	ug/Kg	12/11/25 23:26	PB170902
98-95-3	Nitrobenzene	880		1	12.0	110	ug/Kg	12/11/25 23:26	PB170902
78-59-1	Isophorone	860		1	21.5	110	ug/Kg	12/11/25 23:26	PB170902
88-75-5	2-Nitrophenol	970		1	38.2	110	ug/Kg	12/11/25 23:26	PB170902
105-67-9	2,4-Dimethylphenol	930		1	42.5	110	ug/Kg	12/11/25 23:26	PB170902
111-91-1	bis(2-Chloroethoxy)methane	860		1	20.2	110	ug/Kg	12/11/25 23:26	PB170902
120-83-2	2,4-Dichlorophenol	970		1	18.6	110	ug/Kg	12/11/25 23:26	PB170902
91-20-3	Naphthalene	940		1	14.9	110	ug/Kg	12/11/25 23:26	PB170902
106-47-8	4-Chloroaniline	280		1	23.2	110	ug/Kg	12/11/25 23:26	PB170902
87-68-3	Hexachlorobutadiene	1000		1	16.6	110	ug/Kg	12/11/25 23:26	PB170902
105-60-2	Caprolactam	810		1	34.2	220	ug/Kg	12/11/25 23:26	PB170902
59-50-7	4-Chloro-3-methylphenol	920		1	18.8	110	ug/Kg	12/11/25 23:26	PB170902
91-57-6	2-Methylnaphthalene	880		1	16.8	110	ug/Kg	12/11/25 23:26	PB170902
77-47-4	Hexachlorocyclopentadiene	720		1	76.0	220	ug/Kg	12/11/25 23:26	PB170902
88-06-2	2,4,6-Trichlorophenol	990		1	13.0	110	ug/Kg	12/11/25 23:26	PB170902
95-95-4	2,4,5-Trichlorophenol	980		1	19.1	110	ug/Kg	12/11/25 23:26	PB170902
92-52-4	1,1-Biphenyl	920		1	14.3	110	ug/Kg	12/11/25 23:26	PB170902
91-58-7	2-Chloronaphthalene	920		1	14.7	110	ug/Kg	12/11/25 23:26	PB170902
88-74-4	2-Nitroaniline	960		1	31.5	110	ug/Kg	12/11/25 23:26	PB170902
131-11-3	Dimethylphthalate	890		1	17.8	110	ug/Kg	12/11/25 23:26	PB170902
208-96-8	Acenaphthylene	1000		1	18.9	110	ug/Kg	12/11/25 23:26	PB170902
606-20-2	2,6-Dinitrotoluene	1000		1	22.0	110	ug/Kg	12/11/25 23:26	PB170902
99-09-2	3-Nitroaniline	570		1	30.2	110	ug/Kg	12/11/25 23:26	PB170902
83-32-9	Acenaphthene	940		1	14.0	110	ug/Kg	12/11/25 23:26	PB170902
51-28-5	2,4-Dinitrophenol	1300		1	150	220	ug/Kg	12/11/25 23:26	PB170902
100-02-7	4-Nitrophenol	1700		1	70.1	220	ug/Kg	12/11/25 23:26	PB170902
132-64-9	Dibenzofuran	970		1	14.9	110	ug/Kg	12/11/25 23:26	PB170902
121-14-2	2,4-Dinitrotoluene	940		1	32.8	110	ug/Kg	12/11/25 23:26	PB170902
84-66-2	Diethylphthalate	910		1	18.6	110	ug/Kg	12/11/25 23:26	PB170902
7005-72-3	4-Chlorophenyl-phenylether	920		1	17.5	110	ug/Kg	12/11/25 23:26	PB170902
86-73-7	Fluorene	1000		1	16.6	110	ug/Kg	12/11/25 23:26	PB170902
100-01-6	4-Nitroaniline	750		1	42.1	110	ug/Kg	12/11/25 23:26	PB170902
534-52-1	4,6-Dinitro-2-methylphenol	690		1	67.5	220	ug/Kg	12/11/25 23:26	PB170902

Raw Data: **BP026305.D**

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

Report of Analysis

Client:	Woodard & Curran	Date Collected:	12/10/25
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	12/10/25
Client Sample ID:	PL-01-12102025MSD	SDG No.:	Q3834
Lab Sample ID:	Q3831-01MSD	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	91.4
Sample Wt/Vol:	50.07 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 12/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	960		1	21.6	110	ug/Kg	12/11/25 23:26	PB170902
101-55-3	4-Bromophenyl-phenylether	1000		1	18.2	110	ug/Kg	12/11/25 23:26	PB170902
118-74-1	Hexachlorobenzene	1000		1	16.6	110	ug/Kg	12/11/25 23:26	PB170902
1912-24-9	Atrazine	950		1	22.3	110	ug/Kg	12/11/25 23:26	PB170902
87-86-5	Pentachlorophenol	2000	E	1	33.6	220	ug/Kg	12/11/25 23:26	PB170902
85-01-8	Phenanthrene	1500		1	13.7	110	ug/Kg	12/11/25 23:26	PB170902
120-12-7	Anthracene	1100		1	21.8	110	ug/Kg	12/11/25 23:26	PB170902
86-74-8	Carbazole	940		1	20.5	110	ug/Kg	12/11/25 23:26	PB170902
84-74-2	Di-n-butylphthalate	960		1	31.4	110	ug/Kg	12/11/25 23:26	PB170902
206-44-0	Fluoranthene	1600		1	19.7	110	ug/Kg	12/11/25 23:26	PB170902
129-00-0	Pyrene	1700		1	23.6	110	ug/Kg	12/11/25 23:26	PB170902
85-68-7	Butylbenzylphthalate	960		1	46.8	110	ug/Kg	12/11/25 23:26	PB170902
91-94-1	3,3-Dichlorobenzidine	590		1	24.1	220	ug/Kg	12/11/25 23:26	PB170902
56-55-3	Benzo(a)anthracene	1300		1	15.1	110	ug/Kg	12/11/25 23:26	PB170902
218-01-9	Chrysene	1300		1	13.0	110	ug/Kg	12/11/25 23:26	PB170902
117-81-7	Bis(2-ethylhexyl)phthalate	940		1	38.8	110	ug/Kg	12/11/25 23:26	PB170902
117-84-0	Di-n-octyl phthalate	930		1	56.9	220	ug/Kg	12/11/25 23:26	PB170902
205-99-2	Benzo(b)fluoranthene	1400		1	12.5	110	ug/Kg	12/11/25 23:26	PB170902
207-08-9	Benzo(k)fluoranthene	1100		1	14.7	110	ug/Kg	12/11/25 23:26	PB170902
50-32-8	Benzo(a)pyrene	1300		1	19.3	110	ug/Kg	12/11/25 23:26	PB170902
193-39-5	Indeno(1,2,3-cd)pyrene	1100		1	19.1	110	ug/Kg	12/11/25 23:26	PB170902
53-70-3	Dibenzo(a,h)anthracene	970		1	18.0	110	ug/Kg	12/11/25 23:26	PB170902
191-24-2	Benzo(g,h,i)perylene	1200		1	16.8	110	ug/Kg	12/11/25 23:26	PB170902
95-94-3	1,2,4,5-Tetrachlorobenzene	1000		1	16.8	110	ug/Kg	12/11/25 23:26	PB170902
123-91-1	1,4-Dioxane	710		1	29.6	110	ug/Kg	12/11/25 23:26	PB170902
58-90-2	2,3,4,6-Tetrachlorophenol	1000		1	18.0	110	ug/Kg	12/11/25 23:26	PB170902
SURROGATES									
367-12-4	2-Fluorophenol	64.0			30 (10) - 130 (105)	43%	SPK: 150		
13127-88-3	Phenol-d6	62.2			30 (10) - 130 (103)	41%	SPK: 150		
4165-60-0	Nitrobenzene-d5	43.2			30 (10) - 130 (108)	43%	SPK: 100		
321-60-8	2-Fluorobiphenyl	43.3			30 (10) - 130 (108)	43%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	71.8			30 (10) - 130 (116)	48%	SPK: 150		
1718-51-0	Terphenyl-d14	45.7			30 (10) - 130 (109)	46%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	308000							
1146-65-2	Naphthalene-d8	1180000							
15067-26-2	Acenaphthene-d10	727000							
1517-22-2	Phenanthrene-d10	1400000							
1719-03-5	Chrysene-d12	1430000							
1520-96-3	Perylene-d12	1680000							

Raw Data: **BP026305.D**

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Woodard & Curran			Date Collected:	12/10/25
Project:	US EPA Riverside Industrial Park Superfund Site			Date Received:	12/10/25
Client Sample ID:	PL-01-12102025MSD			SDG No.:	Q3834
Lab Sample ID:	Q3831-01MSD			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	91.4
Sample Wt/Vol:	50.07 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	12/11/25		

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

Sample Results: **BP026305.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026305.D
Acq On : 11 Dec 2025 23:26
Operator : RC/JU
Sample : Q3831-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MSD

Quant Time: Dec 11 23:46:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 05 14:52:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.649	152	308093	20.000	ng		0.00
21) Naphthalene-d8	10.407	136	1181708	20.000	ng		-0.01
39) Acenaphthene-d10	14.284	164	726915	20.000	ng		0.00
64) Phenanthrene-d10	17.089	188	1403672	20.000	ng		0.00
76) Chrysene-d12	21.524	240	1427006	20.000	ng		-0.01
86) Perylene-d12	24.824	264	1681945	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.278	112	1226287	63.990	ng		0.00
7) Phenol-d6	6.837	99	1505443	62.234	ng		0.00
23) Nitrobenzene-d5	8.790	82	897278	43.220	ng		0.00
42) 2,4,6-Tribromophenol	15.795	330	678752	71.801	ng		-0.01
45) 2-Fluorobiphenyl	12.878	172	2165923	43.320	ng		-0.02
79) Terphenyl-d14	19.819	244	3187738	45.658	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.214	88	251492	32.272	ng		97
3) Pyridine	3.602	79	695094	31.058	ng		99
4) n-Nitrosodimethylamine	3.514	42	312357	37.426	ng		96
6) Aniline	6.984	93	389715	12.277	ng		99
8) 2-Chlorophenol	7.225	128	900342	41.345	ng		98
9) Benzaldehyde	6.802	77	529896	40.634	ng		98
10) Phenol	6.866	94	1034619	39.762	ng		97
11) bis(2-Chloroethyl)ether	7.078	93	766988	37.596	ng		97
12) 1,3-Dichlorobenzene	7.543	146	951054	40.360	ng		100
13) 1,4-Dichlorobenzene	7.684	146	965100	40.643	ng		99
14) 1,2-Dichlorobenzene	7.996	146	938608	41.178	ng		99
15) Benzyl Alcohol	7.884	79	701158	39.873	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.160	45	1022948	35.926	ng		99
17) 2-Methylphenol	8.090	107	713491	40.401	ng		98
18) Hexachloroethane	8.713	117	331767	38.463	ng		96
19) n-Nitroso-di-n-propyla...	8.443	70	555085	37.226	ng		100
20) 3+4-Methylphenols	8.413	107	958481	39.304	ng		99
22) Acetophenone	8.455	105	1200576	40.053	ng	#	99
24) Nitrobenzene	8.831	77	848024	40.411	ng		98
25) Isophorone	9.355	82	1602248	39.338	ng		99
26) 2-Nitrophenol	9.531	139	471352	44.425	ng		97
27) 2,4-Dimethylphenol	9.596	122	797738	42.480	ng		97
28) bis(2-Chloroethoxy)met...	9.831	93	1004645	39.248	ng		99
29) 2,4-Dichlorophenol	10.066	162	849594	44.393	ng		100
30) 1,2,4-Trichlorobenzene	10.272	180	901963	45.848	ng		99
31) Naphthalene	10.460	128	2762178	43.236	ng		99
32) Benzoic acid	9.760	122	618123	41.089	ng		99
33) 4-Chloroaniline	10.566	127	337003	12.592	ng		99
34) Hexachlorobutadiene	10.754	225	588740	45.835	ng		99
35) Caprolactam	11.354	113	252032	37.293	ng		99
36) 4-Chloro-3-methylphenol	11.707	107	852050	42.314	ng		99
37) 2-Methylnaphthalene	12.072	142	1817310	40.361	ng		98
38) 1-Methylnaphthalene	12.296	142	1872210	42.561	ng		100
40) 1,2,4,5-Tetrachloroben...	12.448	216	1018280	45.889	ng		99
41) Hexachlorocyclopentadiene	12.431	237	457282	33.036	ng		98
43) 2,4,6-Trichlorophenol	12.696	196	683710	45.337	ng		100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026305.D
Acq On : 11 Dec 2025 23:26
Operator : RC/JU
Sample : Q3831-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MSD

Quant Time: Dec 11 23:46:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 05 14:52:44 2025
Response via : Initial Calibration

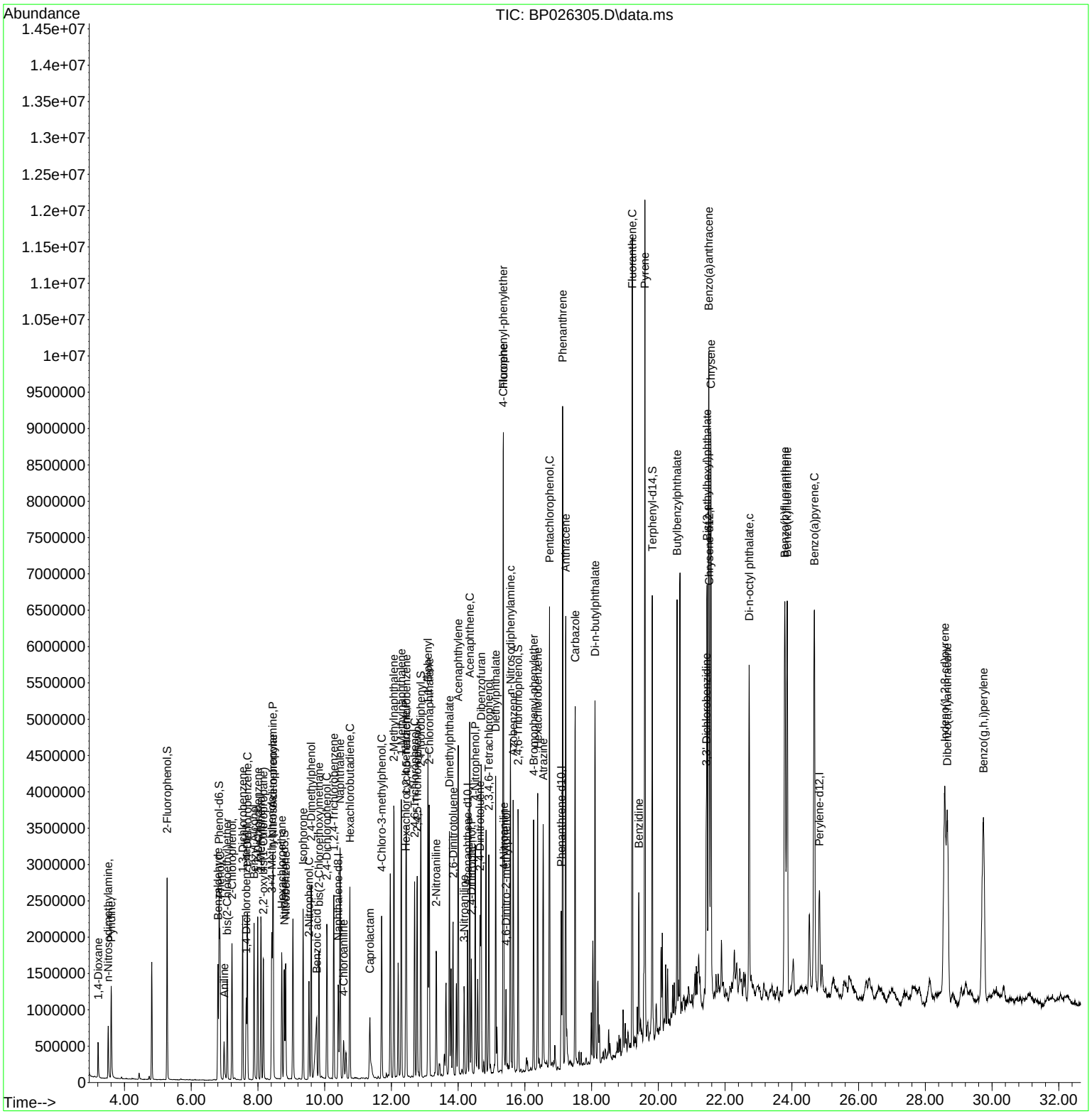
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.772	196	755518	44.982	ng		98
46)	1,1'-Biphenyl	13.095	154	2320006	42.267	ng		99
47)	2-Chloronaphthalene	13.137	162	1814415	41.956	ng		100
48)	2-Nitroaniline	13.343	65	517832	43.719	ng		98
49)	Acenaphthylene	14.001	152	3390401	47.774	ng		99
50)	Dimethylphthalate	13.737	163	2198917	40.597	ng		100
51)	2,6-Dinitrotoluene	13.848	165	490437	45.818	ng		98
52)	Acenaphthene	14.348	154	1793271	43.215	ng		99
53)	3-Nitroaniline	14.178	138	327951	26.210	ng		97
54)	2,4-Dinitrophenol	14.395	184	351345	61.567	ng		97
55)	Dibenzofuran	14.690	168	2875530	44.559	ng		99
56)	4-Nitrophenol	14.513	139	869225	77.801	ng		95
57)	2,4-Dinitrotoluene	14.654	165	688607	43.246	ng		98
58)	Fluorene	15.354	166	2385679	46.731	ng		99
59)	2,3,4,6-Tetrachlorophenol	14.919	232	657305	46.236	ng		99
60)	Diethylphthalate	15.125	149	2268903	41.765	ng		99
61)	4-Chlorophenyl-phenyle...	15.348	204	1071363	42.089	ng		99
62)	4-Nitroaniline	15.372	138	443570	34.158	ng		94
63)	Azobenzene	15.648	77	2041445	44.689	ng		98
65)	4,6-Dinitro-2-methylph...	15.437	198	262874	31.708	ng		96
66)	n-Nitrosodiphenylamine	15.566	169	1908494	43.975	ng		100
67)	4-Bromophenyl-phenylether	16.260	248	728681	46.826	ng		95
68)	Hexachlorobenzene	16.384	284	847373	46.854	ng		96
69)	Atrazine	16.548	200	713066	43.699	ng		98
70)	Pentachlorophenol	16.736	266	1169539	93.217	ng		100
71)	Phenanthrene	17.131	178	5310559	67.111	ng		100
72)	Anthracene	17.225	178	4091552	50.765	ng		100
73)	Carbazole	17.507	167	3289207	43.107	ng		99
74)	Di-n-butylphthalate	18.101	149	3957013	43.896	ng		100
75)	Fluoranthene	19.219	202	7158158	74.329	ng		98
77)	Benzidine	19.413	184	1395308	31.143	ng		99
78)	Pyrene	19.595	202	7158717	76.983	ng		99
80)	Butylbenzylphthalate	20.560	149	1799030	44.082	ng		97
81)	Benzo(a)anthracene	21.507	228	5884668	60.116	ng		98
82)	3,3'-Dichlorobenzidine	21.436	252	962745	27.031	ng		100
83)	Chrysene	21.572	228	5574837	60.147	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.460	149	2641772	43.033	ng	#	99
85)	Di-n-octyl phthalate	22.719	149	4604814	42.547	ng		97
87)	Indeno(1,2,3-cd)pyrene	28.583	276	6520226	51.294	ng	#	94
88)	Benzo(b)fluoranthene	23.789	252	6374966	62.365	ng		99
89)	Benzo(k)fluoranthene	23.860	252	5353156	52.353	ng		99
90)	Benzo(a)pyrene	24.677	252	5915782	61.032	ng		97
91)	Dibenzo(a,h)anthracene	28.653	278	4626624	44.499	ng		98
92)	Benzo(g,h,i)perylene	29.742	276	5642340	54.438	ng		96

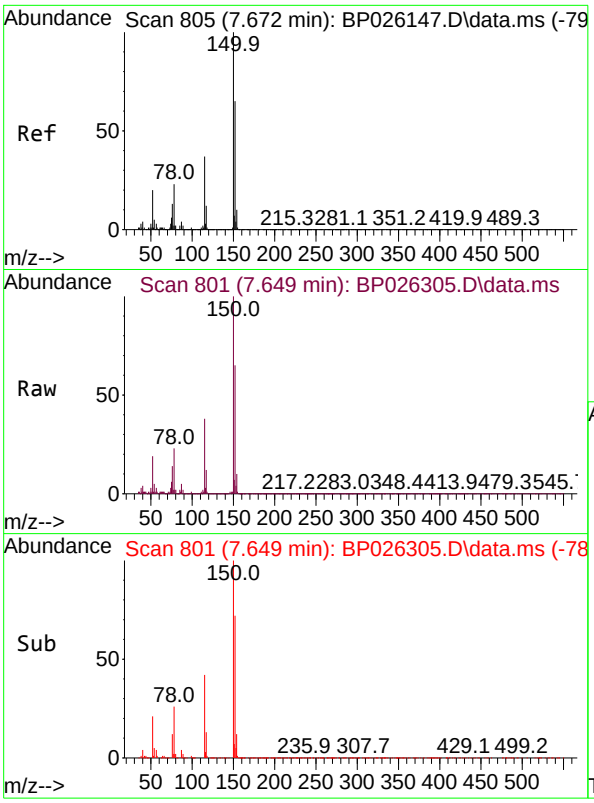
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026305.D
Acq On : 11 Dec 2025 23:26
Operator : RC/JU
Sample : Q3831-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MSD

Quant Time: Dec 11 23:46:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 05 14:52:44 2025
Response via : Initial Calibration



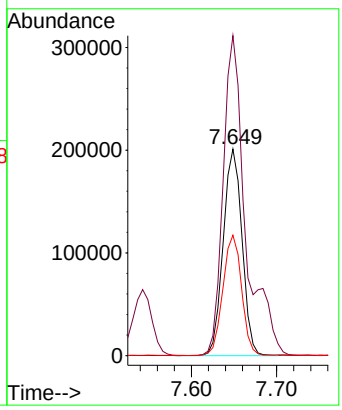


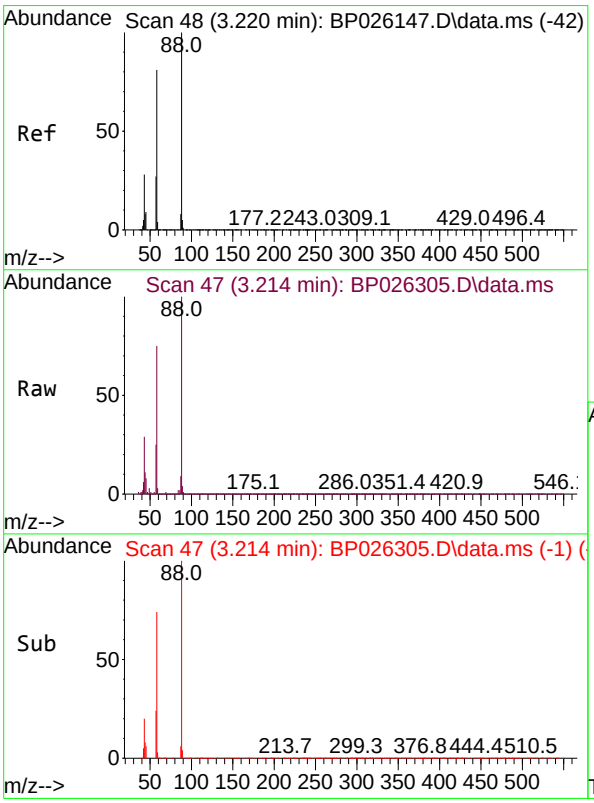
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.649 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MSD

Tgt Ion:152 Resp: 308093

Ion	Ratio	Lower	Upper
152	100		
150	155.0	123.0	184.6
115	58.3	46.3	69.5

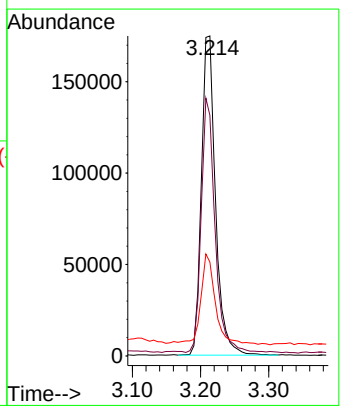


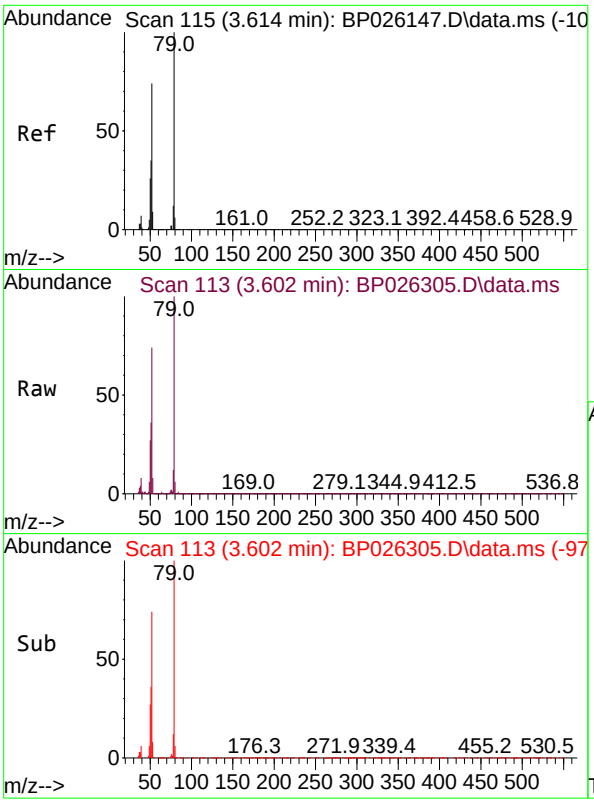


#2
1,4-Dioxane
Concen: 32.272 ng
RT: 3.214 min Scan# 47
Delta R.T. -0.000 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Tgt Ion: 88 Resp: 251492

Ion	Ratio	Lower	Upper
88	100		
58	78.1	64.2	96.4
43	30.2	21.5	32.3



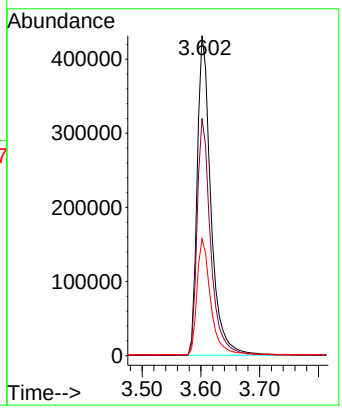


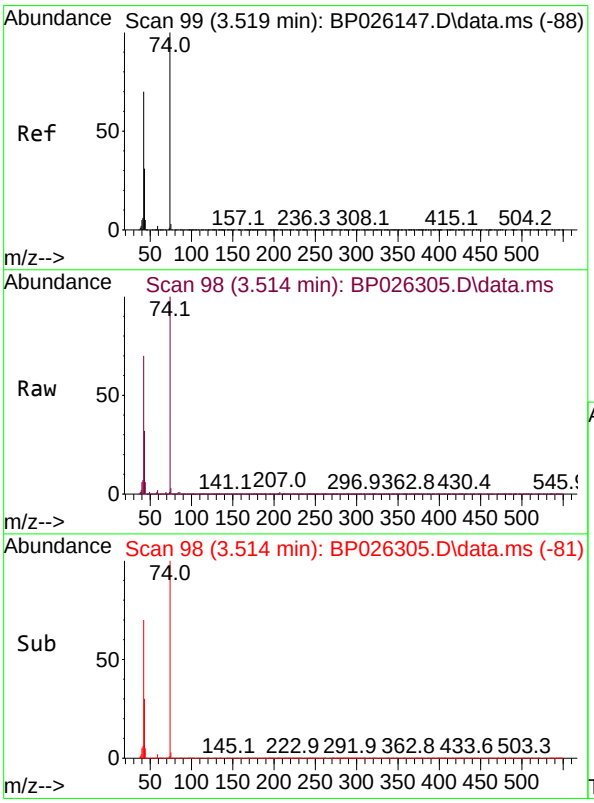
#3
Pyridine
Concen: 31.058 ng
RT: 3.602 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MSD

Tgt Ion: 79 Resp: 695094

Ion	Ratio	Lower	Upper
79	100		
52	74.1	60.2	90.2
51	36.5	29.5	44.3

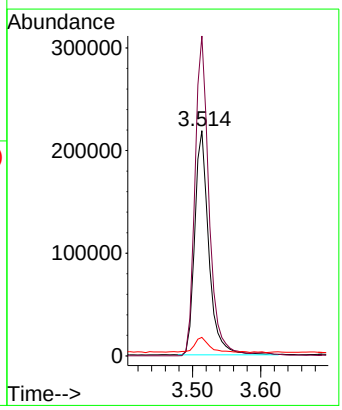


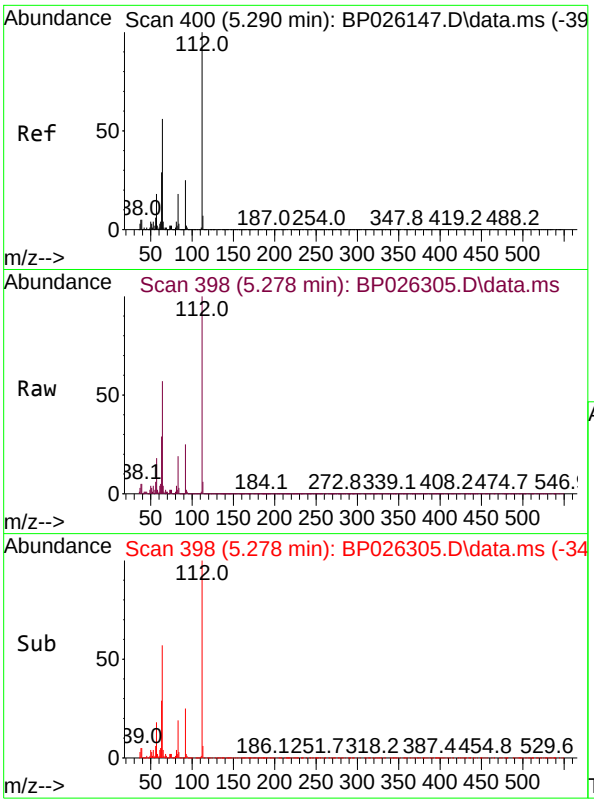


#4
n-Nitrosodimethylamine
Concen: 37.426 ng
RT: 3.514 min Scan# 98
Delta R.T. -0.000 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Tgt Ion: 42 Resp: 312357

Ion	Ratio	Lower	Upper
42	100		
74	142.1	118.1	177.1
44	8.2	6.2	9.4



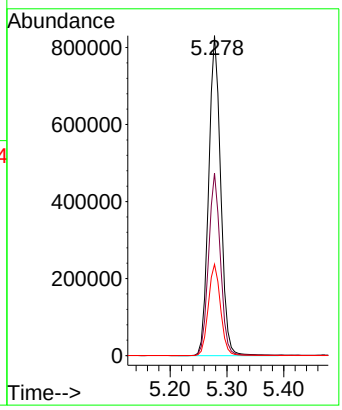


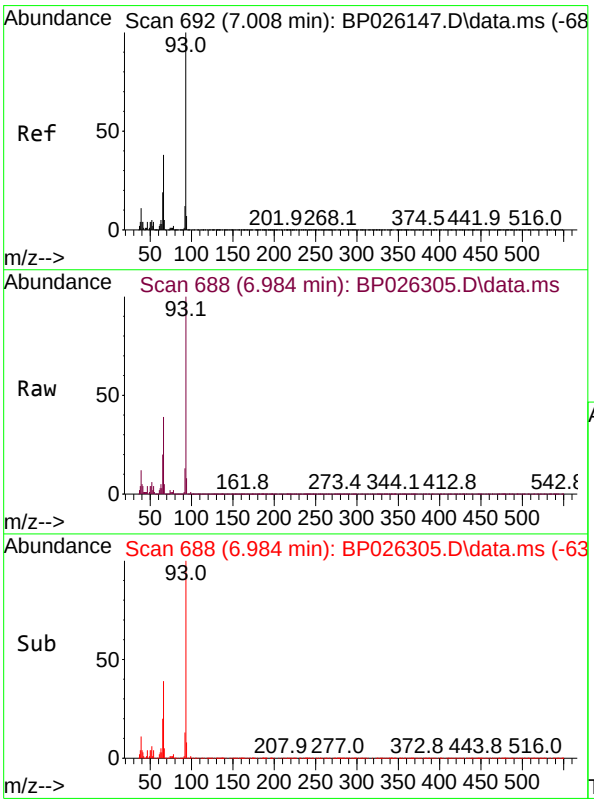
#5
2-Fluorophenol
Concen: 63.990 ng
RT: 5.278 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MSD

Tgt Ion:112 Resp: 1226287

Ion	Ratio	Lower	Upper
112	100		
64	57.0	45.8	68.6
63	28.5	23.5	35.3

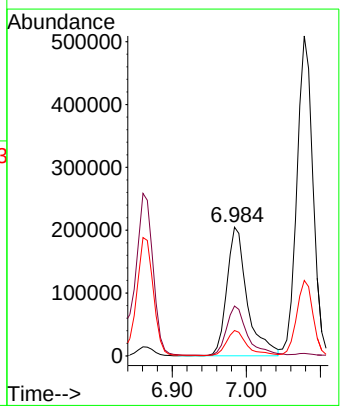


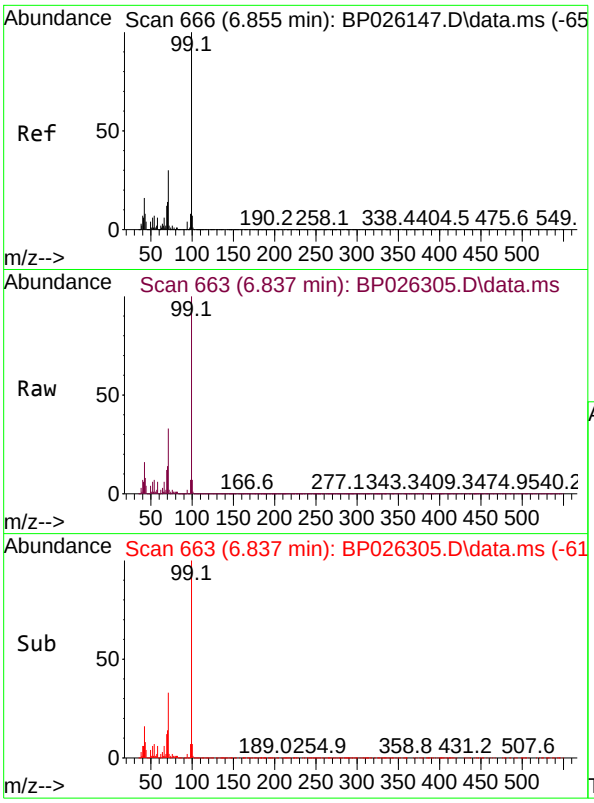


#6
Aniline
Concen: 12.277 ng
RT: 6.984 min Scan# 688
Delta R.T. -0.006 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Tgt Ion: 93 Resp: 389715

Ion	Ratio	Lower	Upper
93	100		
66	38.7	31.7	47.5
65	19.7	15.8	23.6



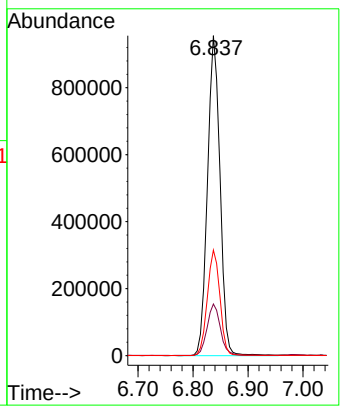


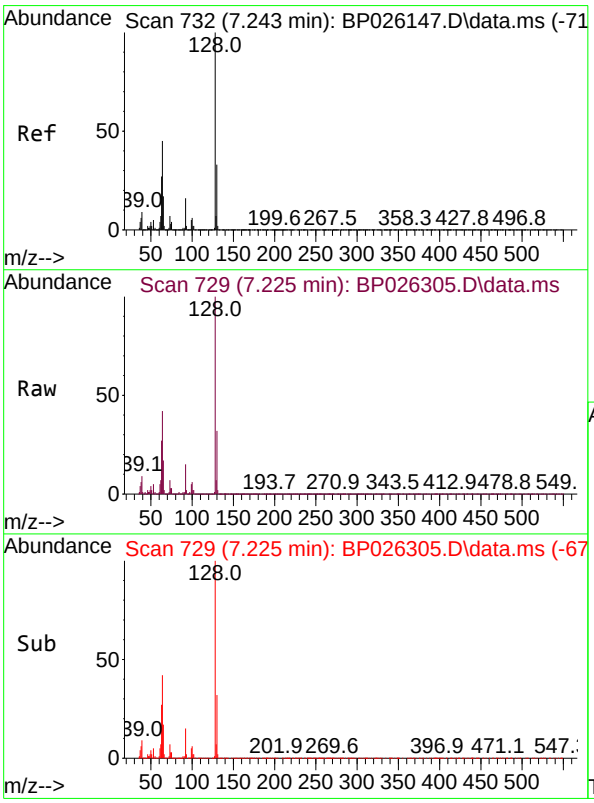
#7
Phenol-d6
Concen: 62.234 ng
RT: 6.837 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MSD

Tgt Ion: 99 Resp: 1505443

Ion	Ratio	Lower	Upper
99	100		
42	16.1	12.9	19.3
71	33.0	24.8	37.2

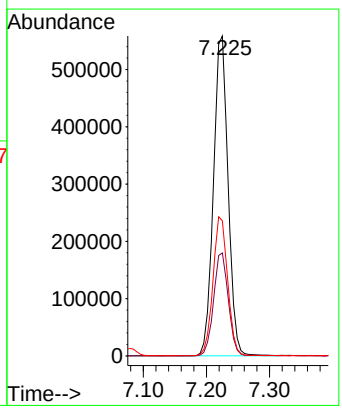


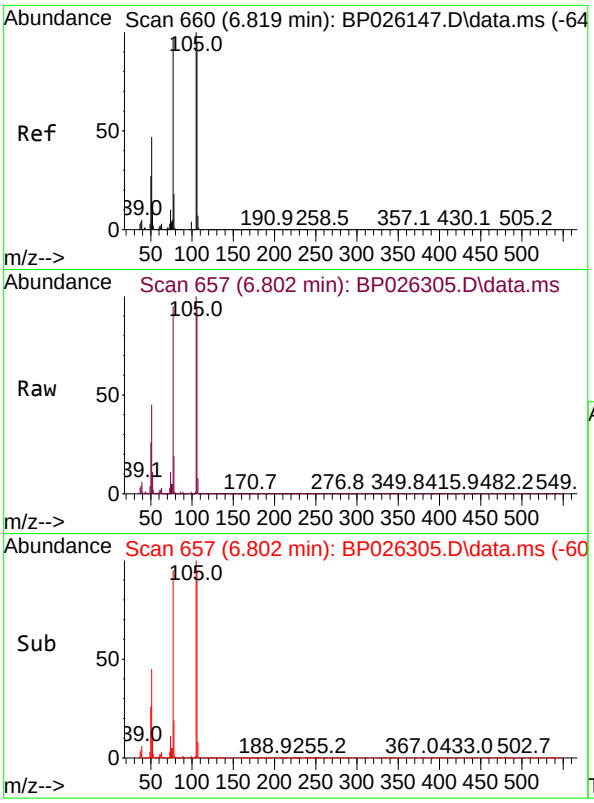


#8
2-Chlorophenol
Concen: 41.345 ng
RT: 7.225 min Scan# 729
Delta R.T. -0.000 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Tgt Ion:128 Resp: 900342

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.4	52.4
64	42.2	23.9	63.9



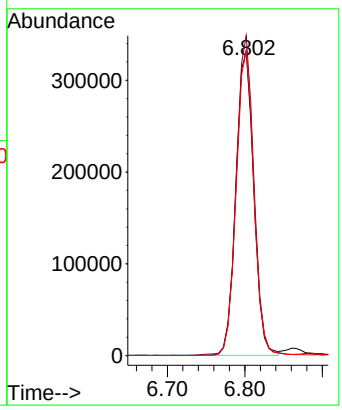


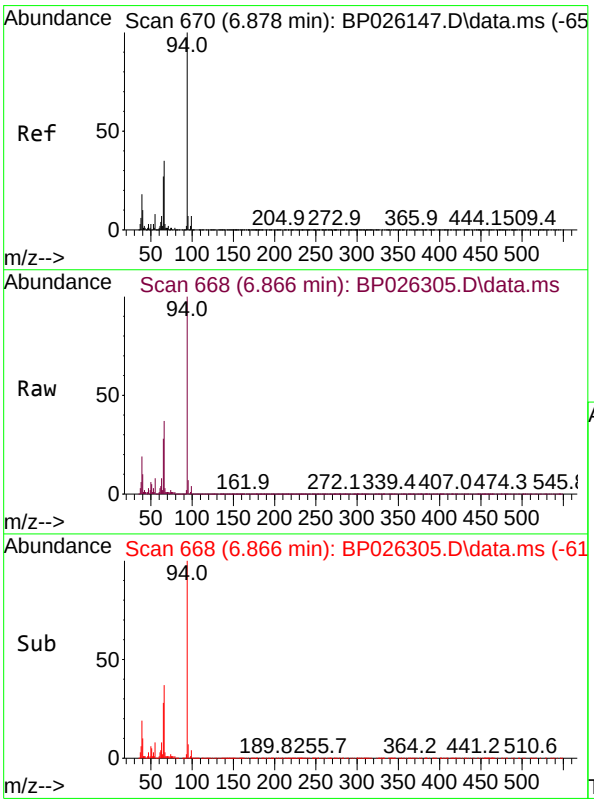
#9
Benzaldehyde
Concen: 40.634 ng
RT: 6.802 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MSD

Tgt Ion: 77 Resp: 529896

Ion	Ratio	Lower	Upper
77	100		
105	105.0	82.9	122.9
106	100.0	77.8	117.8

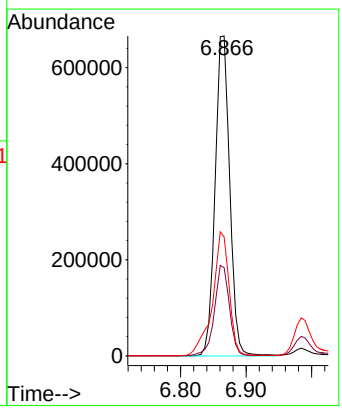


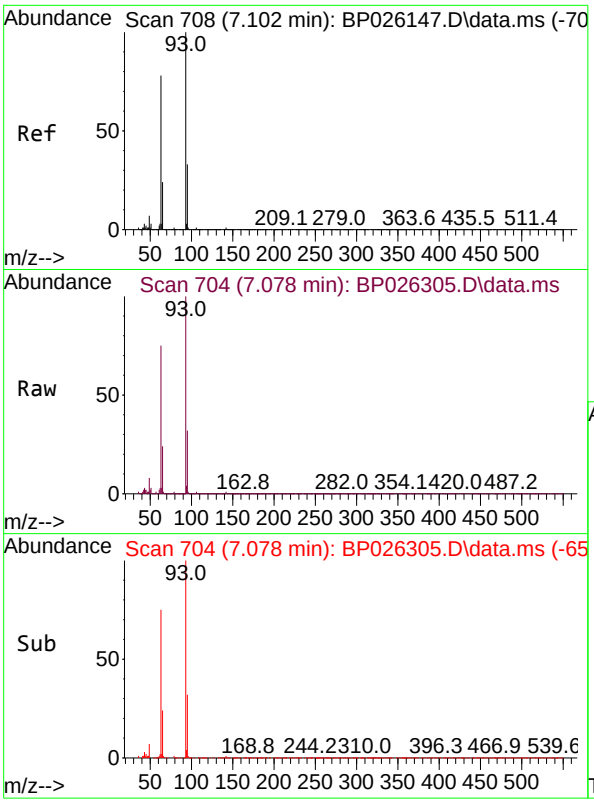


#10
Phenol
Concen: 39.762 ng
RT: 6.866 min Scan# 668
Delta R.T. -0.000 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Tgt Ion: 94 Resp: 1034619

Ion	Ratio	Lower	Upper
94	100		
65	27.6	7.0	47.0
66	37.2	14.5	54.5



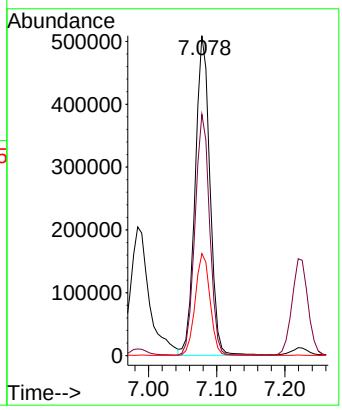


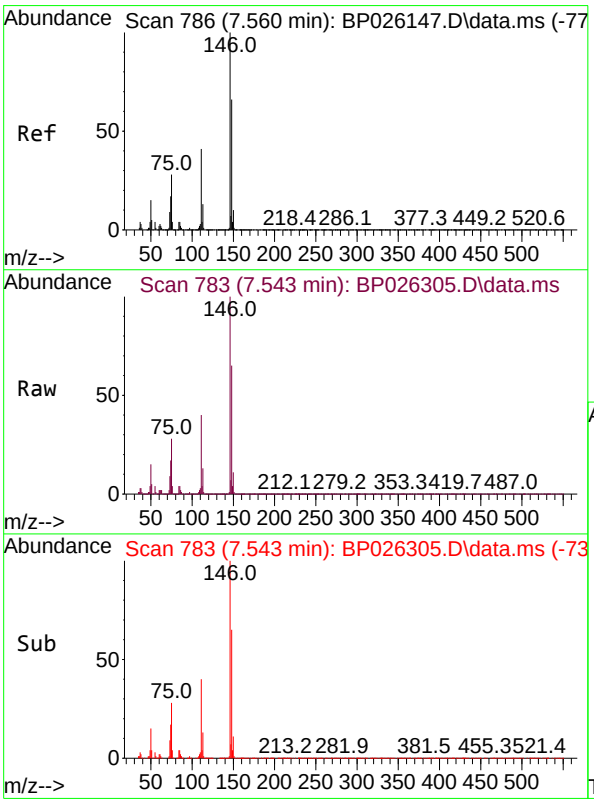
#11
bis(2-Chloroethyl)ether
Concen: 37.596 ng
RT: 7.078 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MSD

Tgt Ion: 93 Resp: 766988

Ion	Ratio	Lower	Upper
93	100		
63	75.4	58.8	98.8
95	31.9	12.1	52.1

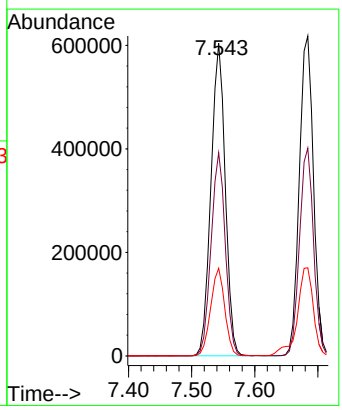


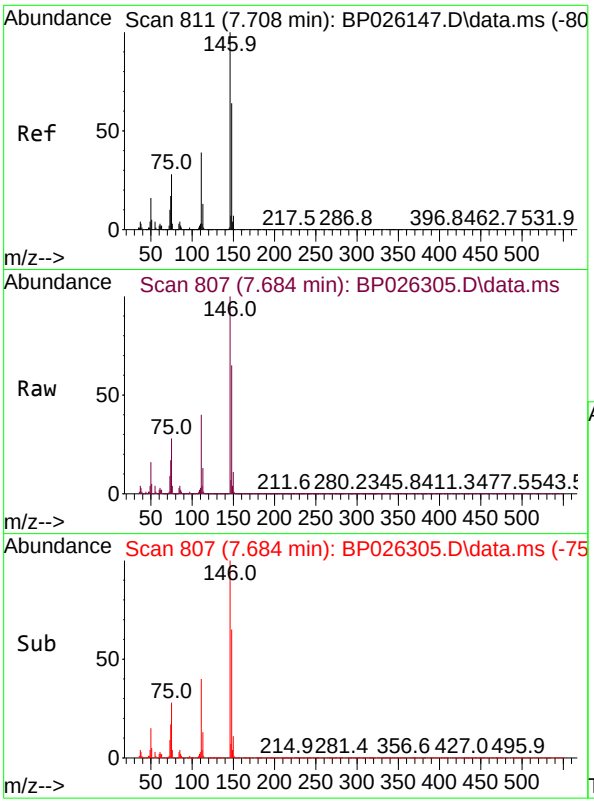


#12
1,3-Dichlorobenzene
Concen: 40.360 ng
RT: 7.543 min Scan# 783
Delta R.T. -0.006 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Tgt Ion:146 Resp: 951054

Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.8
75	28.0	22.2	33.2



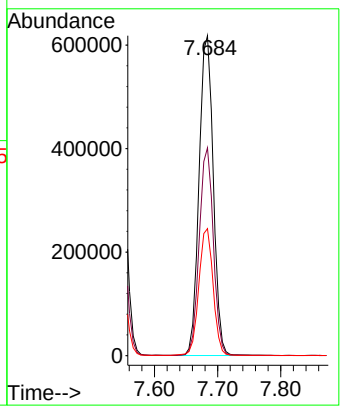


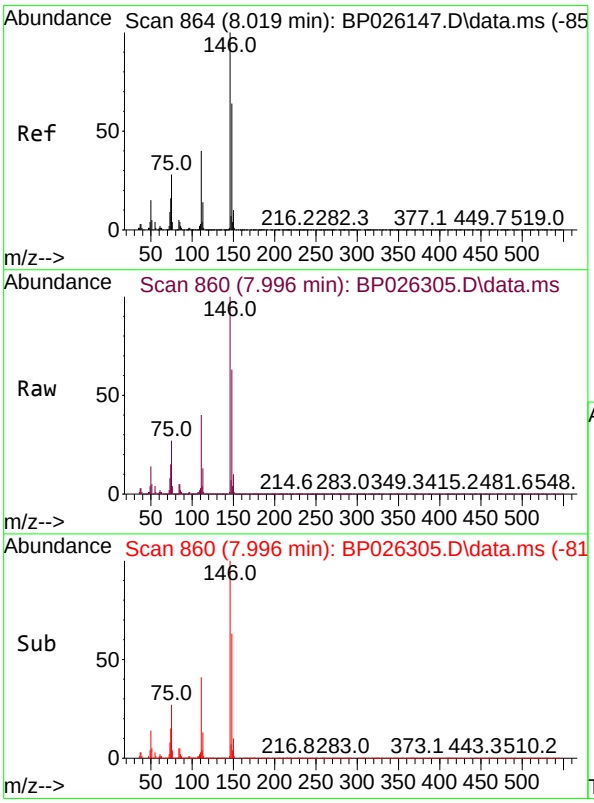
#13
1,4-Dichlorobenzene
Concen: 40.643 ng
RT: 7.684 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MSD

Tgt Ion:146 Resp: 965100

Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.4	77.2
111	39.7	31.7	47.5

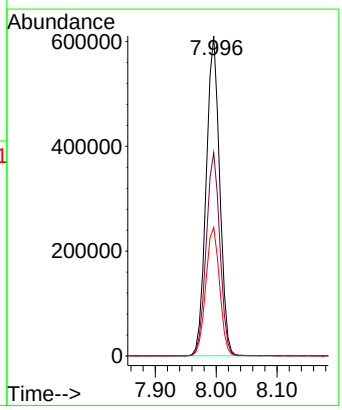


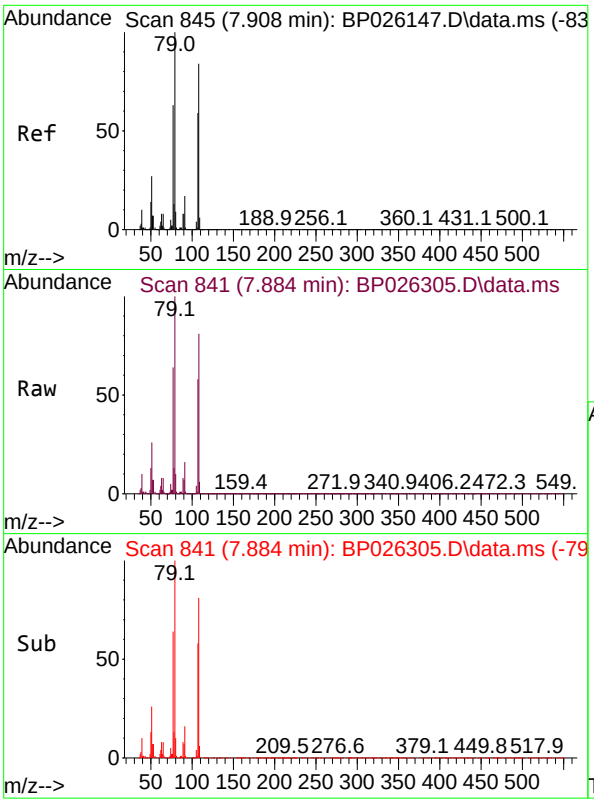


#14
1,2-Dichlorobenzene
Concen: 41.178 ng
RT: 7.996 min Scan# 860
Delta R.T. -0.006 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Tgt Ion:146 Resp: 938608

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.0	76.6
111	40.1	33.0	49.4



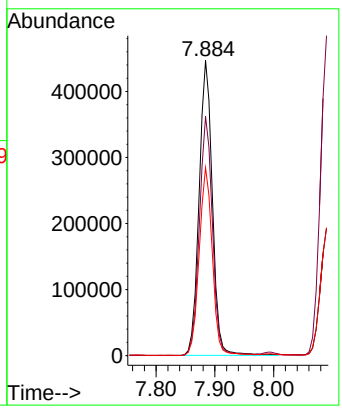


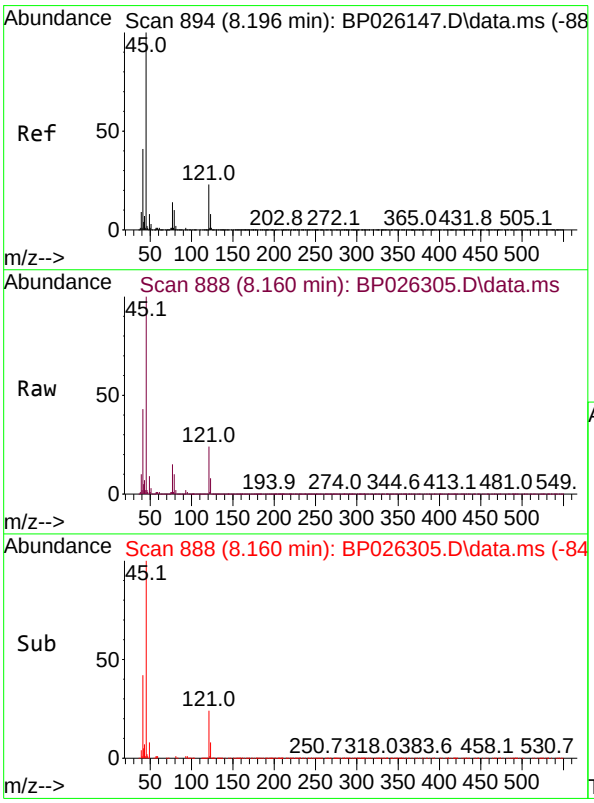
#15
Benzyl Alcohol
Concen: 39.873 ng
RT: 7.884 min Scan# 84
Delta R.T. -0.006 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MSD

Tgt Ion: 79 Resp: 701158

Ion	Ratio	Lower	Upper
79	100		
108	81.0	66.2	99.4
77	63.7	50.0	75.0

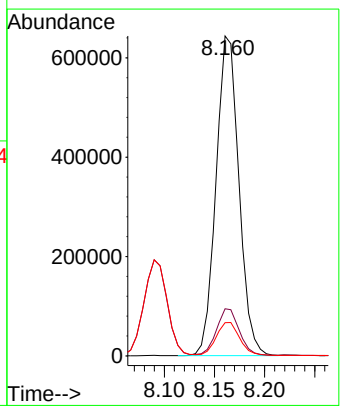


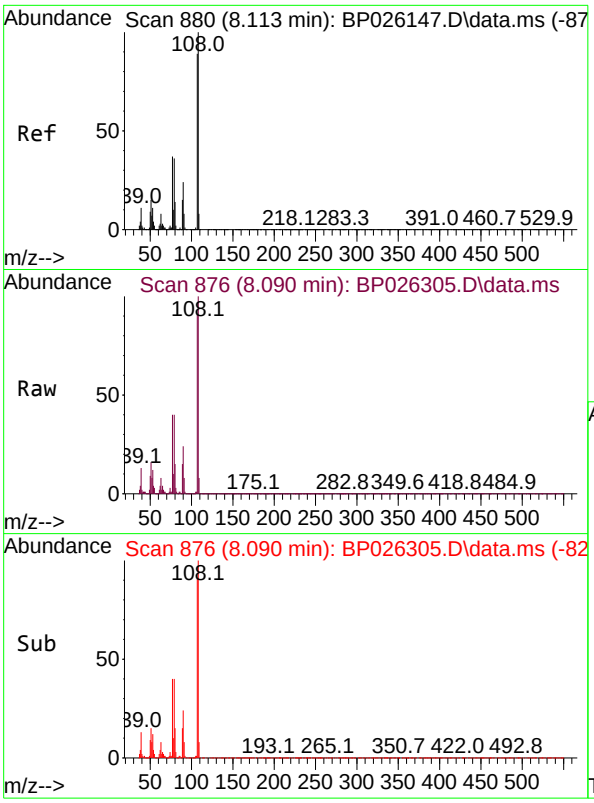


#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.926 ng
RT: 8.160 min Scan# 888
Delta R.T. -0.018 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Tgt Ion: 45 Resp: 1022948

Ion	Ratio	Lower	Upper
45	100		
77	14.8	0.0	33.9
79	10.4	0.0	30.4



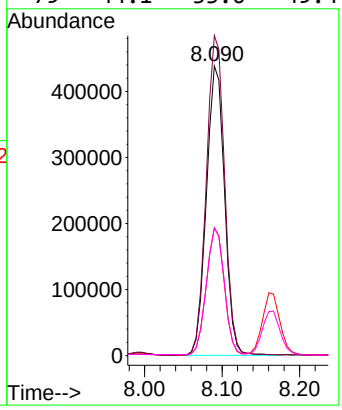


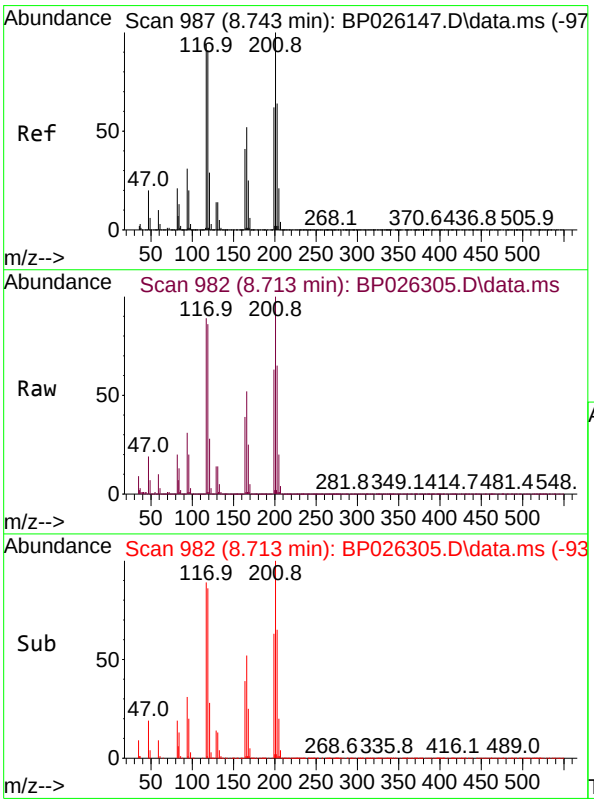
#17
2-Methylphenol
Concen: 40.401 ng
RT: 8.090 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MSD

Tgt Ion:107 Resp: 713491

Ion	Ratio	Lower	Upper
107	100		
108	110.4	89.7	134.5
77	44.1	33.9	50.9
79	44.1	33.0	49.4

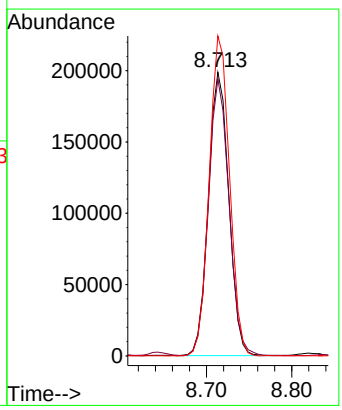


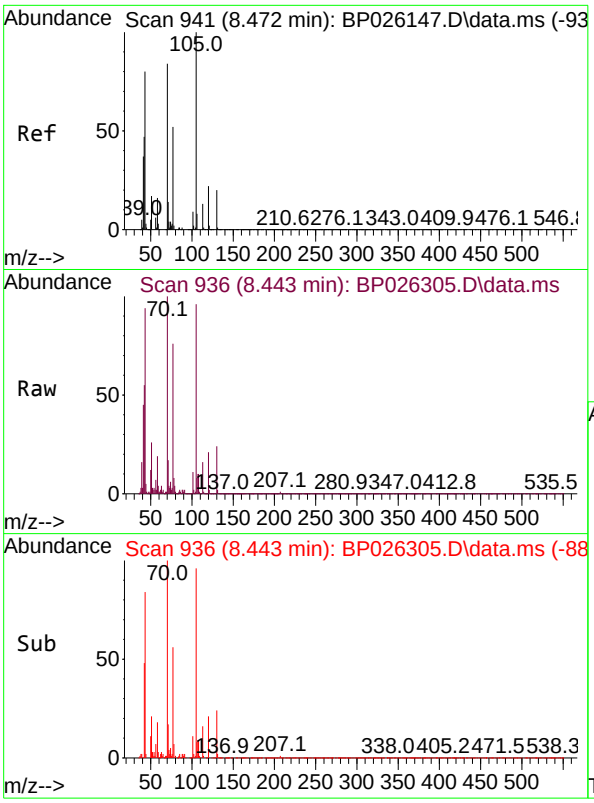


#18
Hexachloroethane
Concen: 38.463 ng
RT: 8.713 min Scan# 982
Delta R.T. -0.012 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Tgt Ion:117 Resp: 331767

Ion	Ratio	Lower	Upper
117	100		
119	97.6	78.7	118.1
201	112.8	85.1	127.7



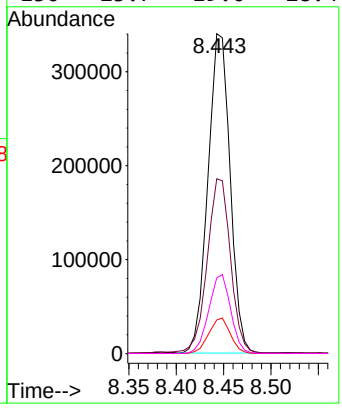


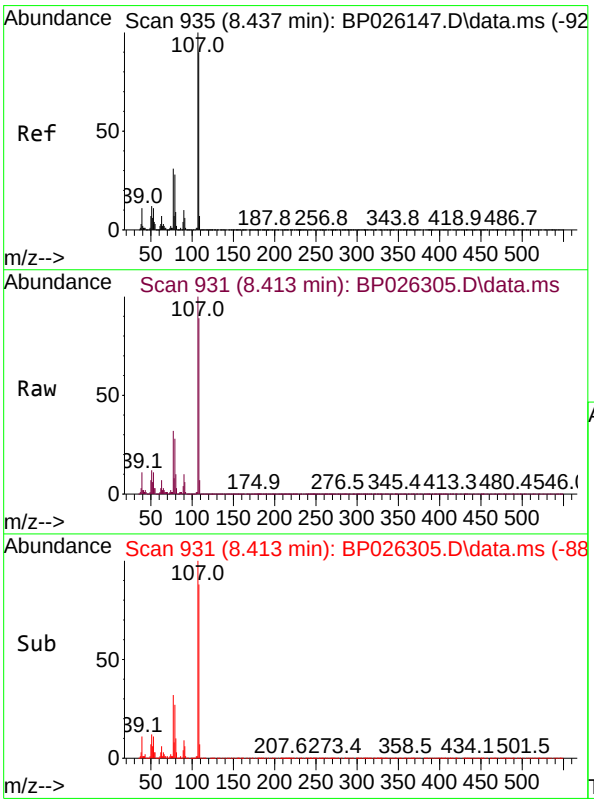
#19
n-Nitroso-di-n-propylamine
Concen: 37.226 ng
RT: 8.443 min Scan# 9
Delta R.T. -0.012 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MSD

Tgt Ion: 70 Resp: 555085

Ion	Ratio	Lower	Upper
70	100		
42	54.6	44.1	66.1
101	10.5	8.2	12.4
130	23.7	19.0	28.4

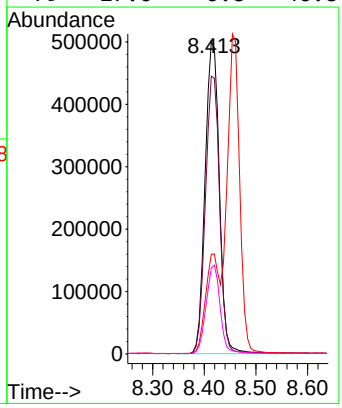


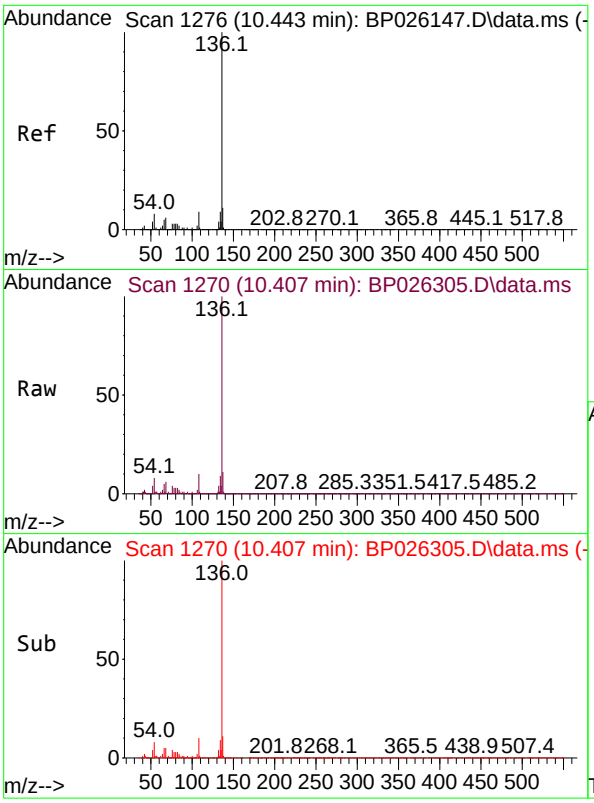


#20
3+4-Methylphenols
Concen: 39.304 ng
RT: 8.413 min Scan# 931
Delta R.T. -0.006 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Tgt Ion:107 Resp: 958481

Ion	Ratio	Lower	Upper
107	100		
108	89.0	68.9	108.9
77	32.0	10.4	50.4
79	27.6	6.8	46.8



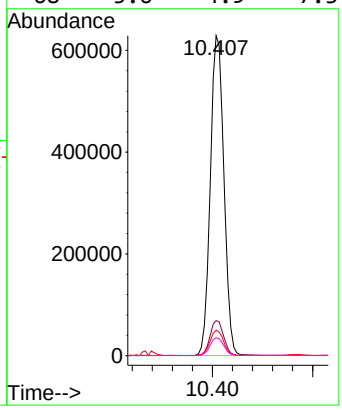


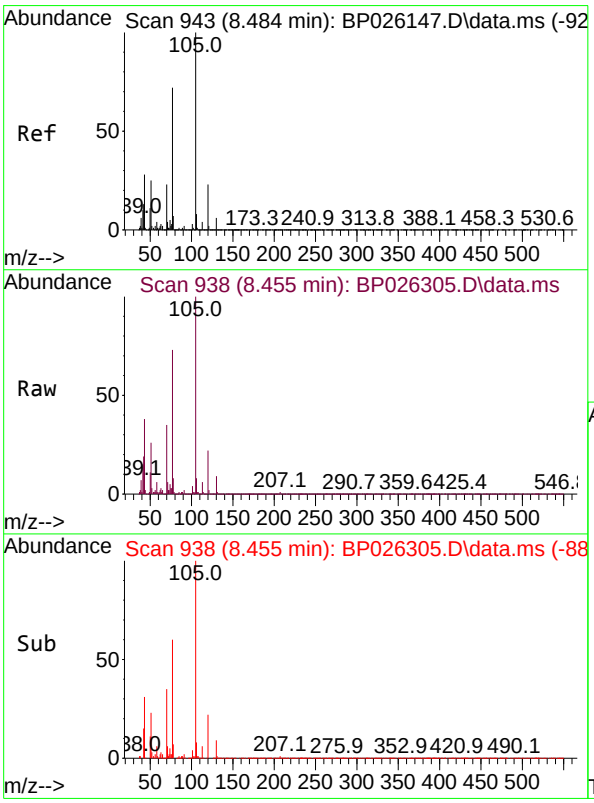
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.407 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MSD

Tgt Ion:136 Resp: 1181708

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.9	6.4	9.6
68	5.6	4.9	7.3

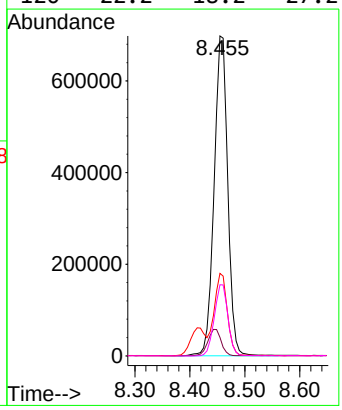


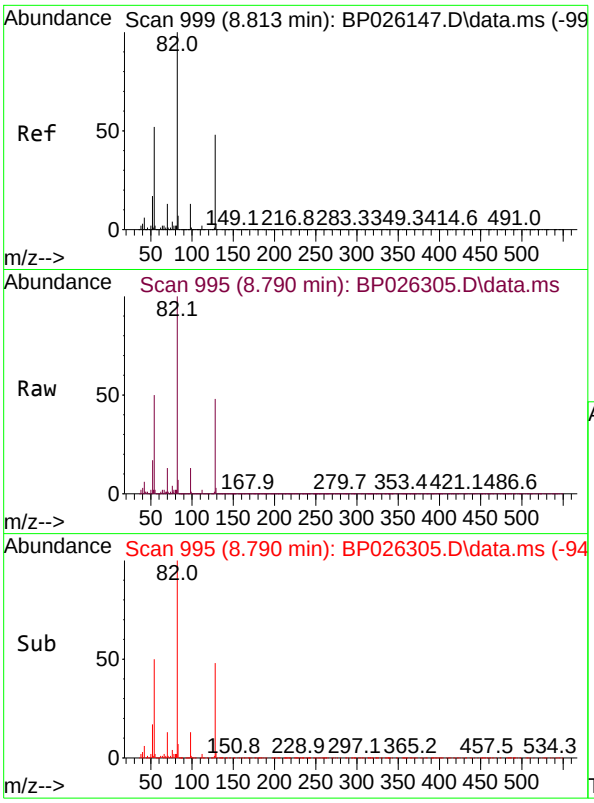


#22
Acetophenone
Concen: 40.053 ng
RT: 8.455 min Scan# 938
Delta R.T. -0.006 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Tgt Ion:105 Resp: 1200576

Ion	Ratio	Lower	Upper
105	100		
71	5.8	3.0	4.4#
51	25.8	20.5	30.7
120	22.2	18.2	27.2



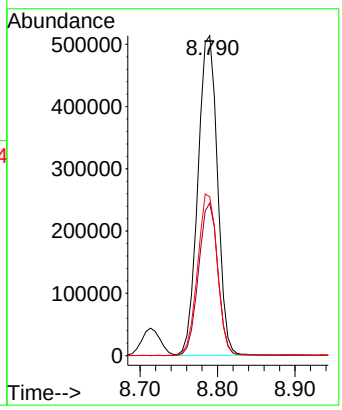


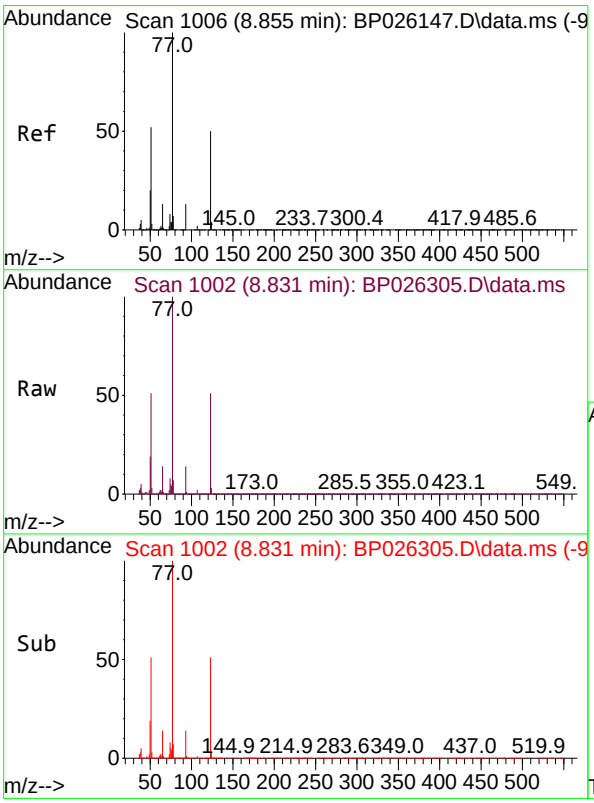
#23
Nitrobenzene-d5
Concen: 43.220 ng
RT: 8.790 min Scan# 99
Delta R.T. -0.000 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MSD

Tgt Ion: 82 Resp: 897278

Ion	Ratio	Lower	Upper
82	100		
128	47.7	37.4	56.0
54	49.7	41.6	62.4

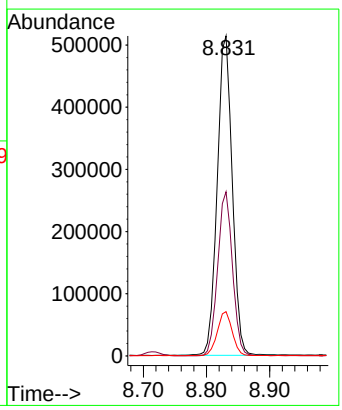


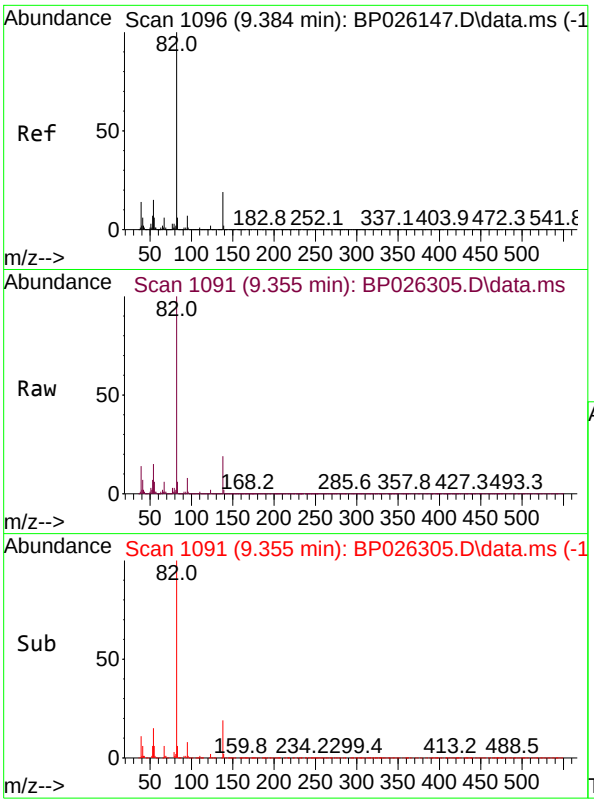


#24
Nitrobenzene
Concen: 40.411 ng
RT: 8.831 min Scan# 1002
Delta R.T. -0.000 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Tgt Ion: 77 Resp: 848024

Ion	Ratio	Lower	Upper
77	100		
123	51.3	39.8	59.8
65	13.8	11.2	16.8



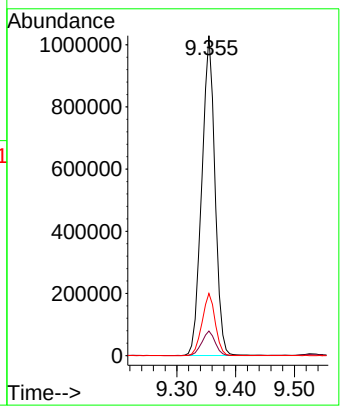


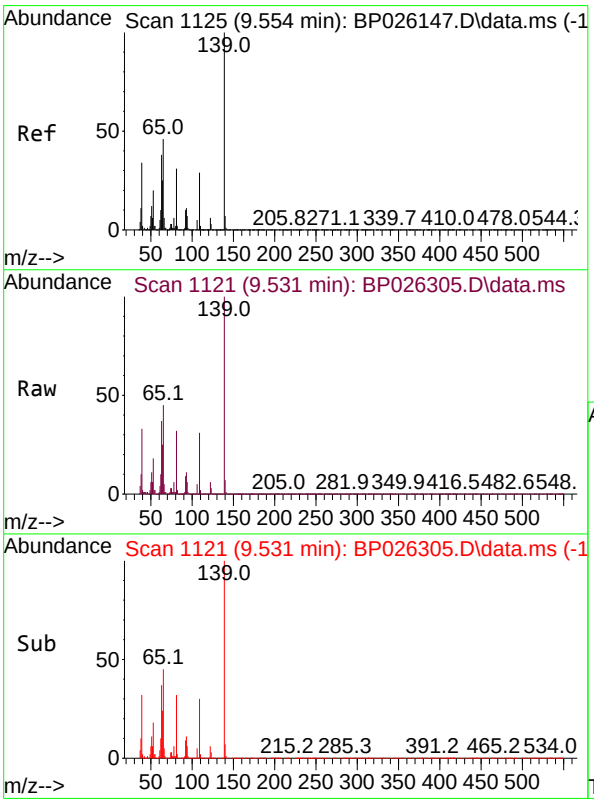
#25
Isophorone
Concen: 39.338 ng
RT: 9.355 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MSD

Tgt Ion: 82 Resp: 1602248

Ion	Ratio	Lower	Upper
82	100		
95	7.7	5.4	8.0
138	19.5	15.4	23.0

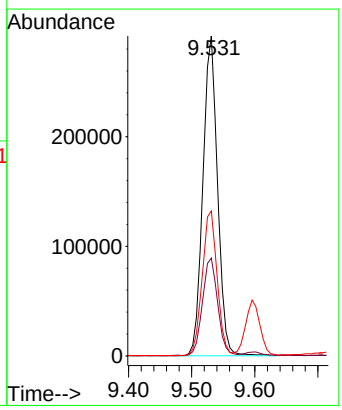


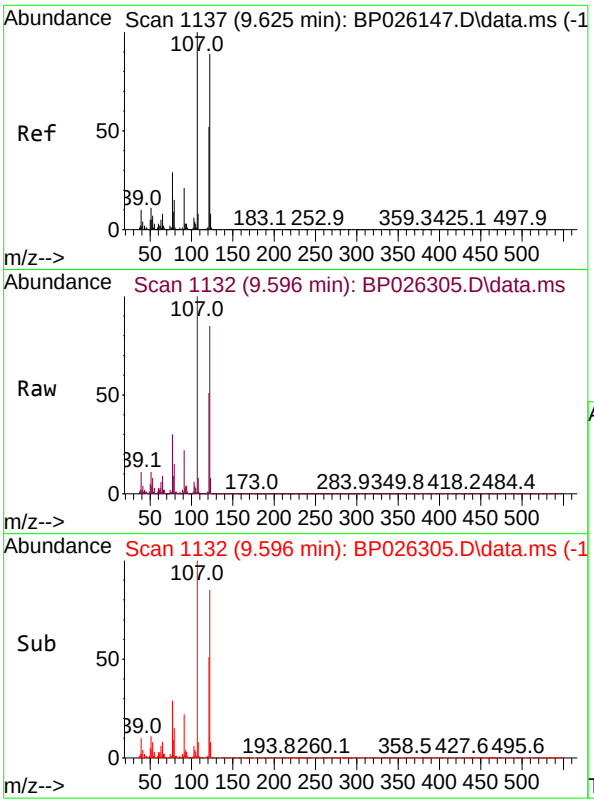


#26
2-Nitrophenol
Concen: 44.425 ng
RT: 9.531 min Scan# 1121
Delta R.T. -0.006 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Tgt Ion:139 Resp: 471352

Ion	Ratio	Lower	Upper
139	100		
109	30.6	22.3	33.5
65	45.3	37.2	55.8



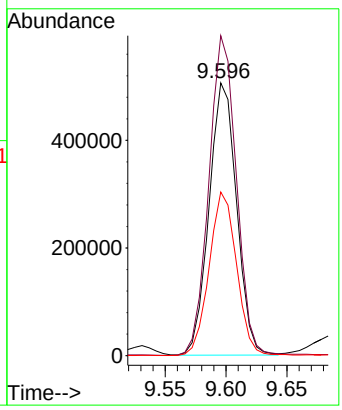


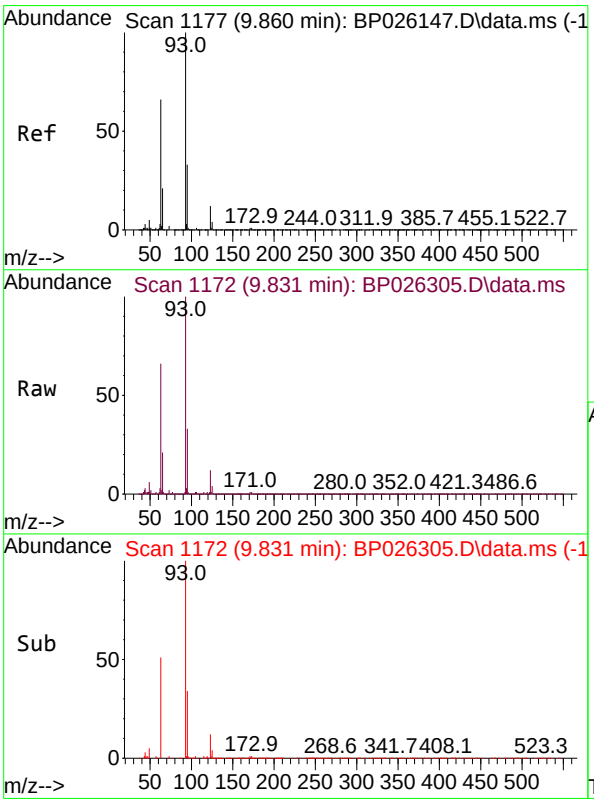
#27
2,4-Dimethylphenol
Concen: 42.480 ng
RT: 9.596 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MSD

Tgt Ion:122 Resp: 797738

Ion	Ratio	Lower	Upper
122	100		
107	117.3	91.0	136.6
121	60.0	47.0	70.6

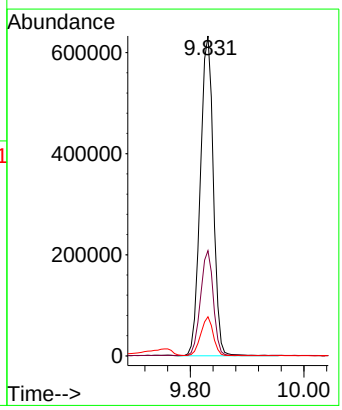


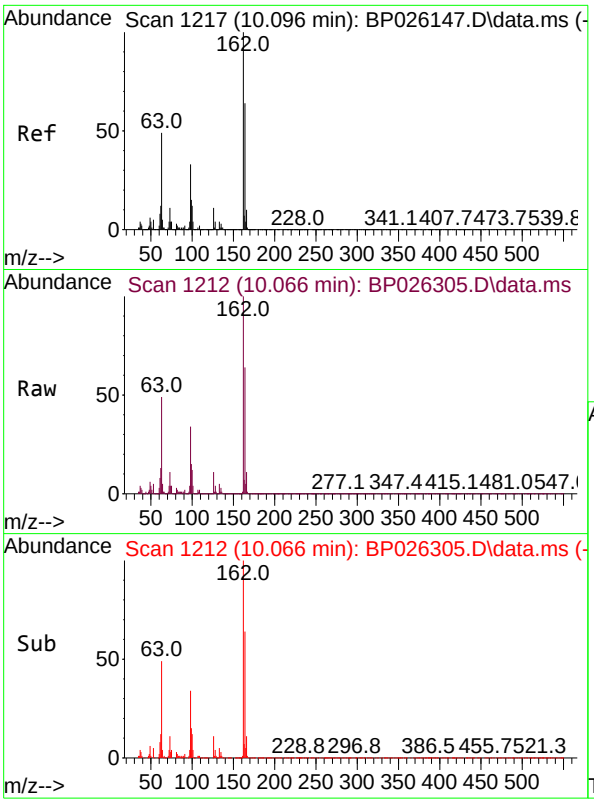


#28
bis(2-Chloroethoxy)methane
Concen: 39.248 ng
RT: 9.831 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Tgt Ion: 93 Resp: 1004645

Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.4	39.6
123	12.2	9.4	14.0



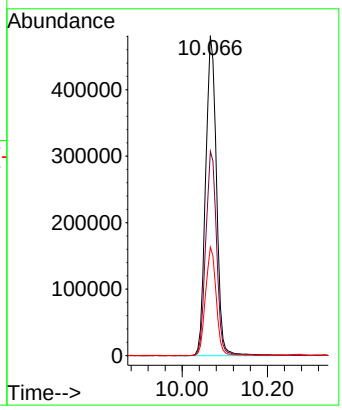


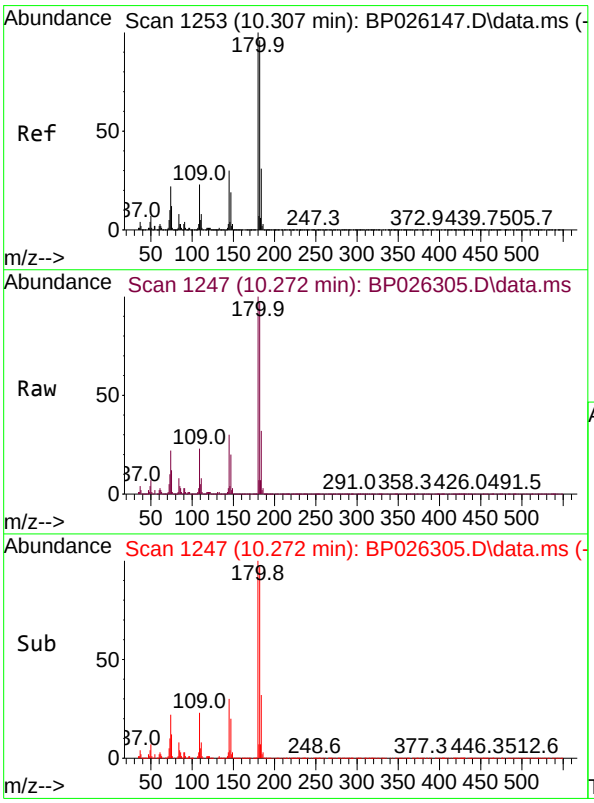
#29
2,4-Dichlorophenol
Concen: 44.393 ng
RT: 10.066 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MSD

Tgt Ion:162 Resp: 849594

Ion	Ratio	Lower	Upper
162	100		
164	63.9	43.8	83.8
98	33.9	14.1	54.1

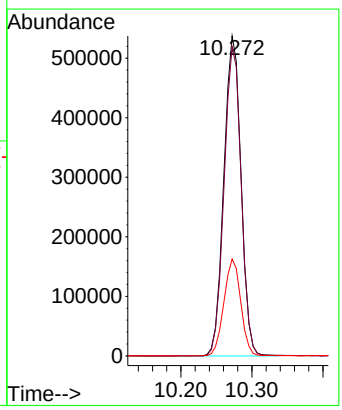


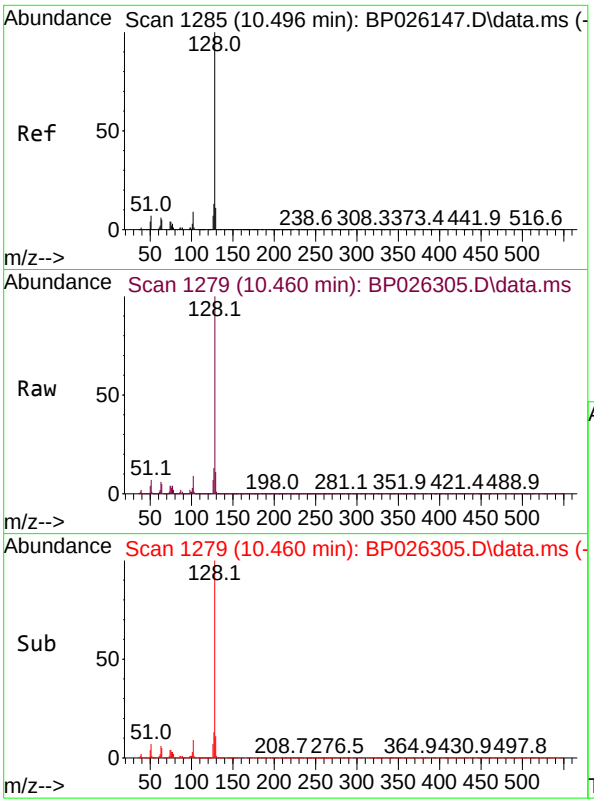


#30
1,2,4-Trichlorobenzene
Concen: 45.848 ng
RT: 10.272 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Tgt Ion:180 Resp: 901963

Ion	Ratio	Lower	Upper
180	100		
182	96.6	78.1	117.1
145	30.3	24.2	36.4



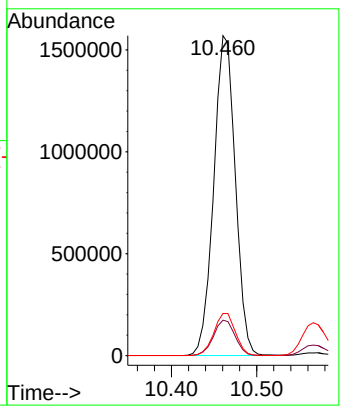


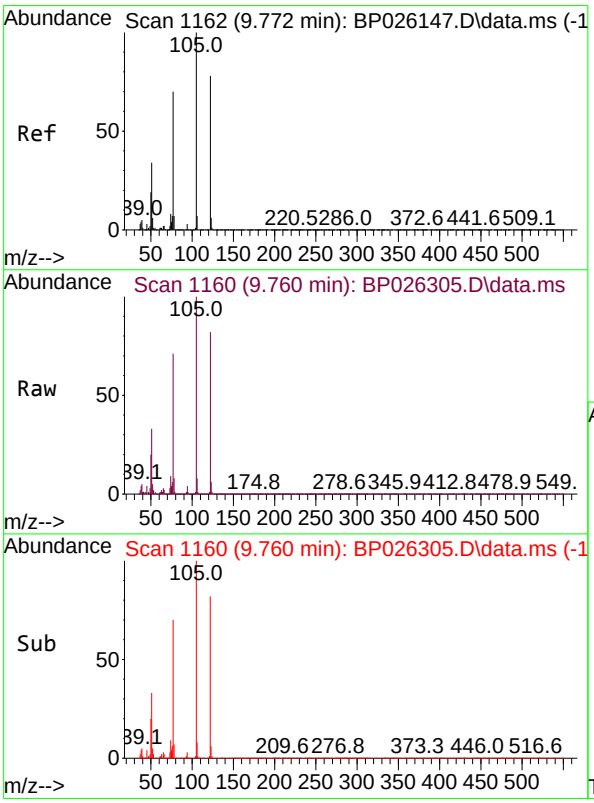
#31
Naphthalene
Concen: 43.236 ng
RT: 10.460 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MSD

Tgt Ion:128 Resp: 2762178

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	13.2	10.2	15.4

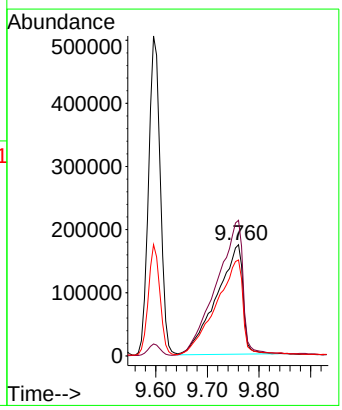


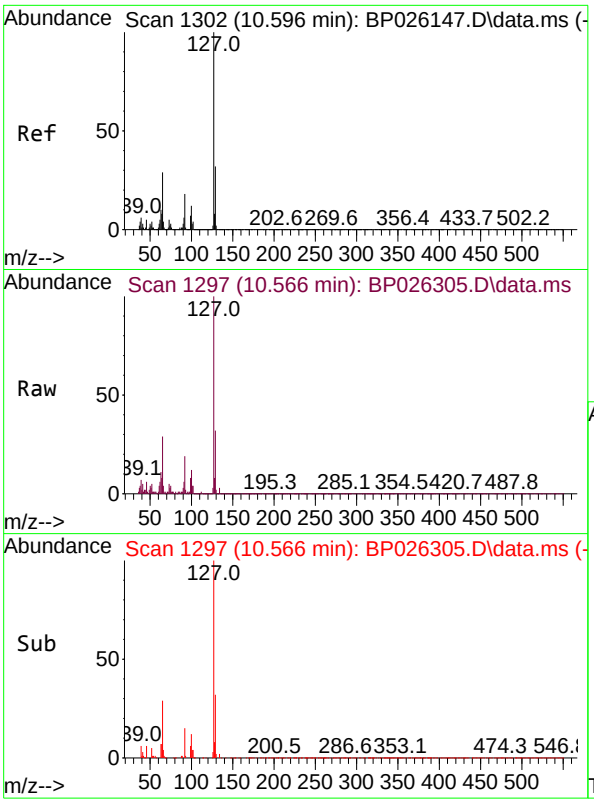


#32
Benzoic acid
Concen: 41.089 ng
RT: 9.760 min Scan# 1160
Delta R.T. 0.053 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Tgt Ion:122 Resp: 618123

Ion	Ratio	Lower	Upper
122	100		
105	122.0	100.1	140.1
77	86.3	66.7	106.7



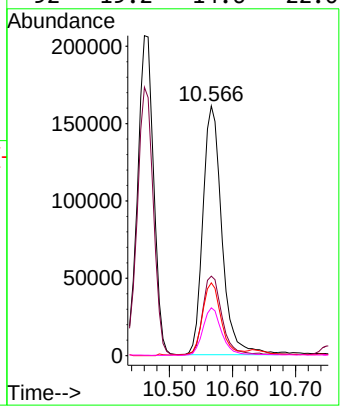


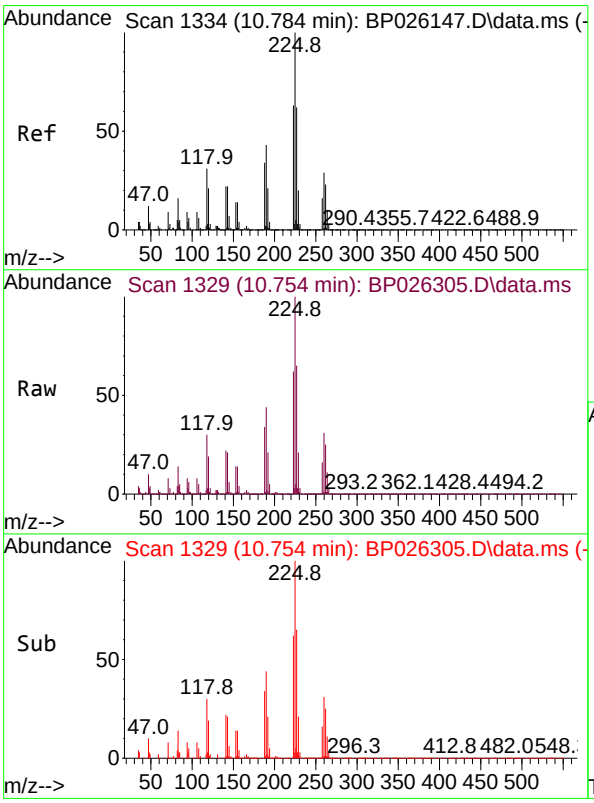
#33
4-Chloroaniline
Concen: 12.592 ng
RT: 10.566 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MSD

Tgt Ion:127 Resp: 337003

Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.8	38.8
65	29.2	22.7	34.1
92	19.2	14.6	22.0

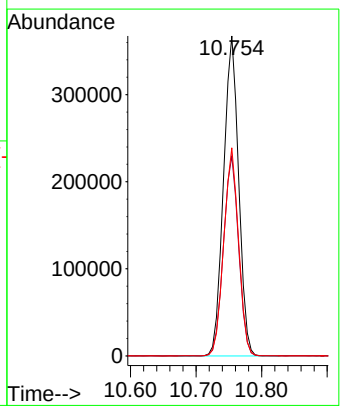


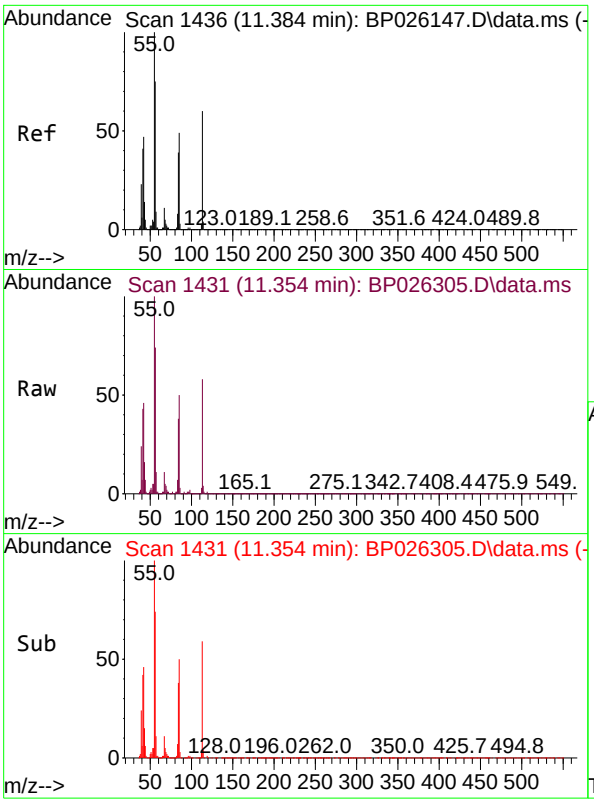


#34
Hexachlorobutadiene
Concen: 45.835 ng
RT: 10.754 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Tgt Ion:225 Resp: 588740

Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.6	74.4
227	65.0	51.2	76.8



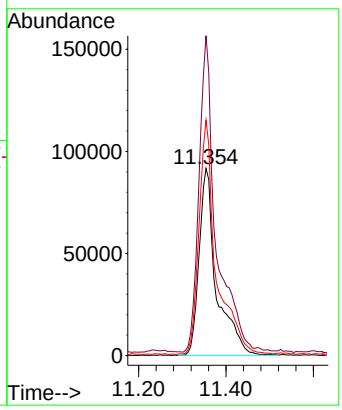


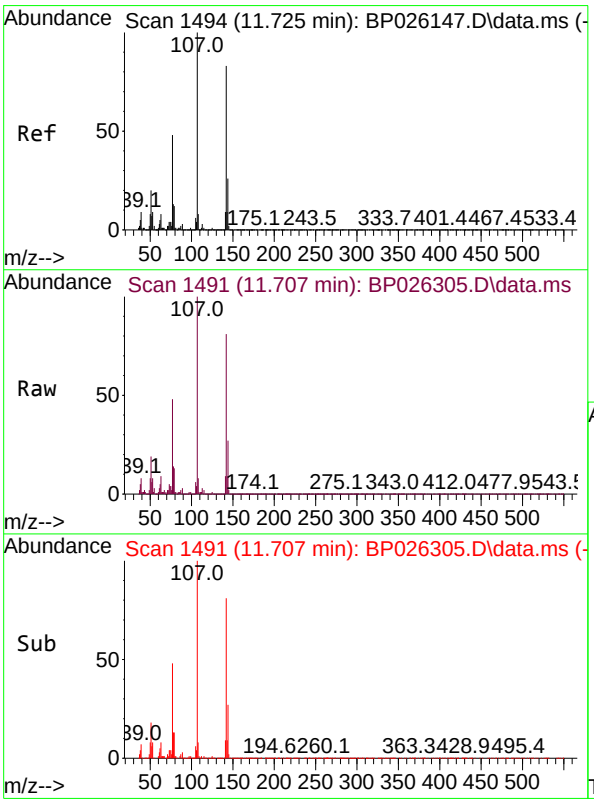
#35
Caprolactam
Concen: 37.293 ng
RT: 11.354 min Scan# 14
Delta R.T. -0.006 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MSD

Tgt Ion:113 Resp: 252032

Ion	Ratio	Lower	Upper
113	100		
55	171.0	153.0	193.0
56	125.9	106.4	146.4

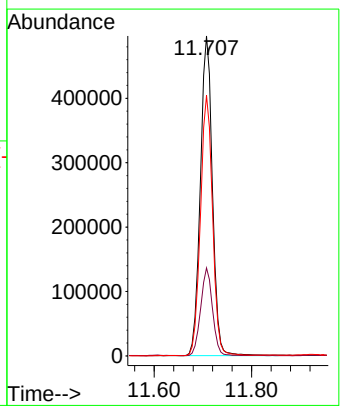


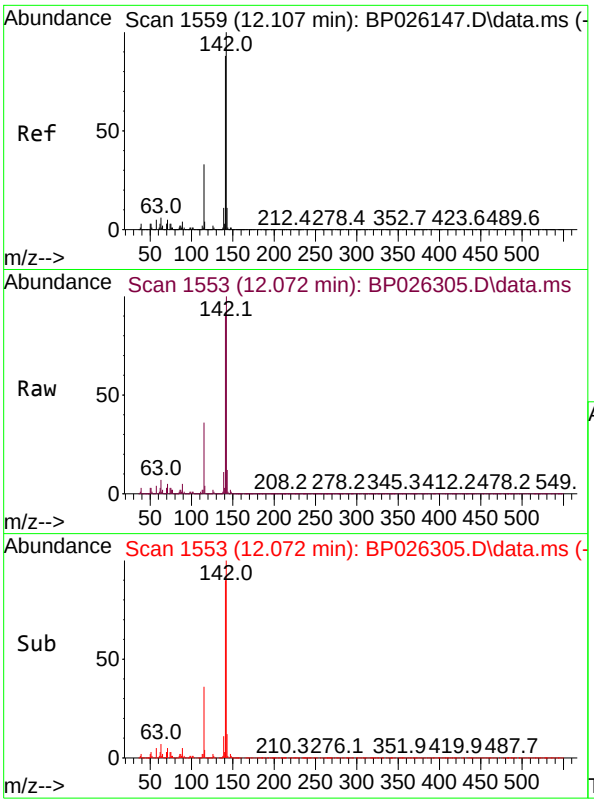


#36
4-Chloro-3-methylphenol
Concen: 42.314 ng
RT: 11.707 min Scan# 1491
Delta R.T. -0.000 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Tgt Ion:107 Resp: 852050

Ion	Ratio	Lower	Upper
107	100		
144	27.5	21.6	32.4
142	81.4	65.6	98.4



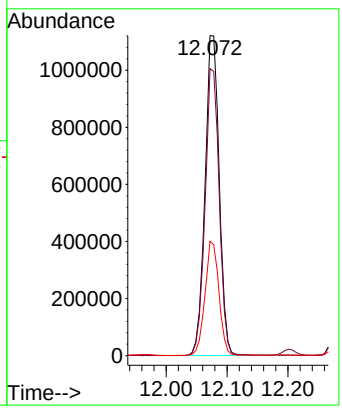


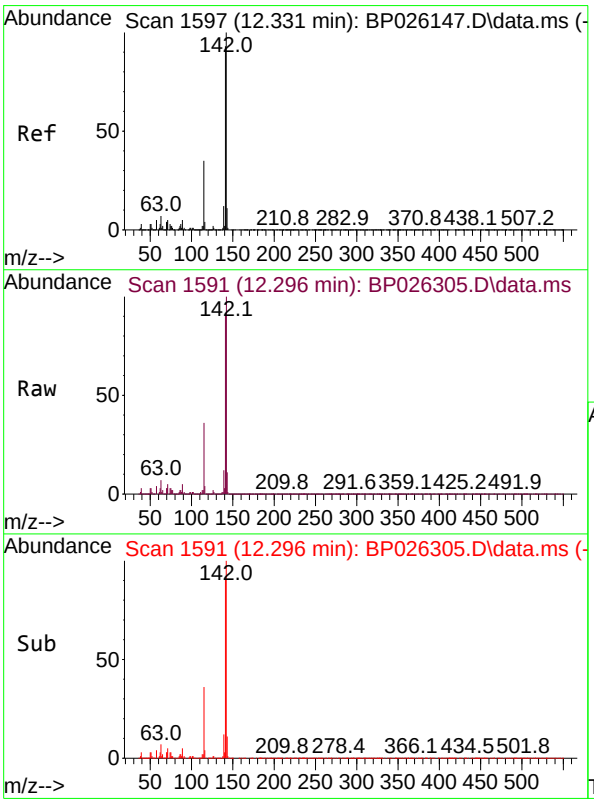
#37
2-Methylnaphthalene
Concen: 40.361 ng
RT: 12.072 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MSD

Tgt Ion:142 Resp: 1817310

Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.0	106.6
115	35.7	26.6	39.8

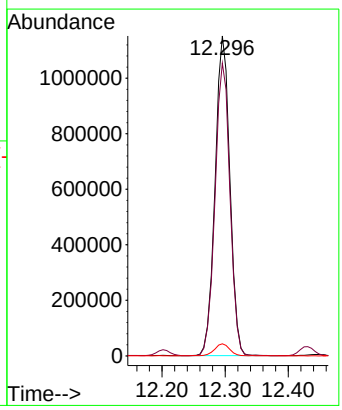


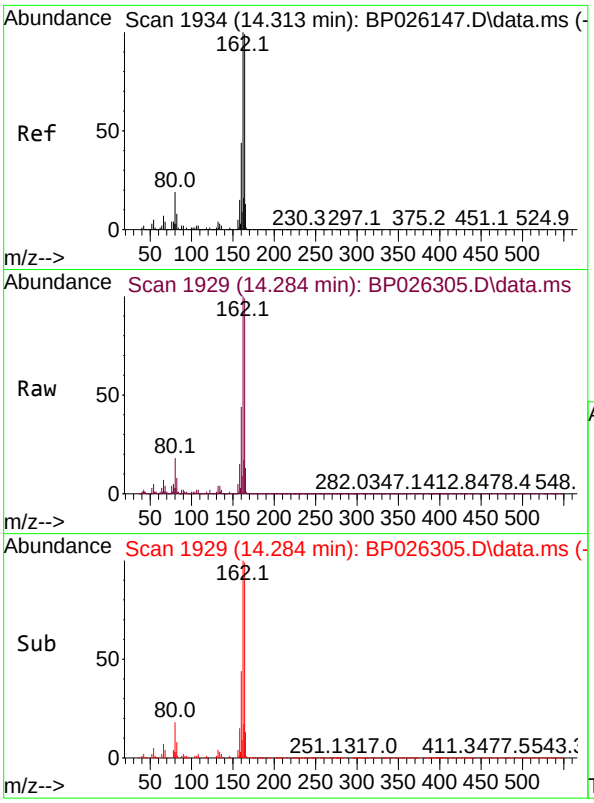


#38
1-Methylnaphthalene
Concen: 42.561 ng
RT: 12.296 min Scan# 1591
Delta R.T. -0.012 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Tgt Ion:142 Resp: 1872210

Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.5	110.3
116	3.8	3.0	4.4



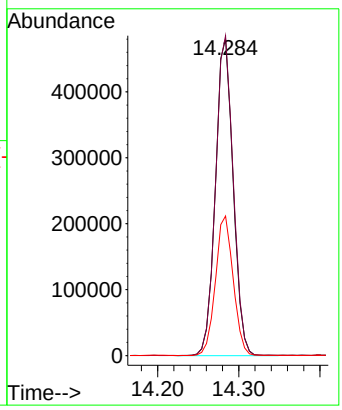


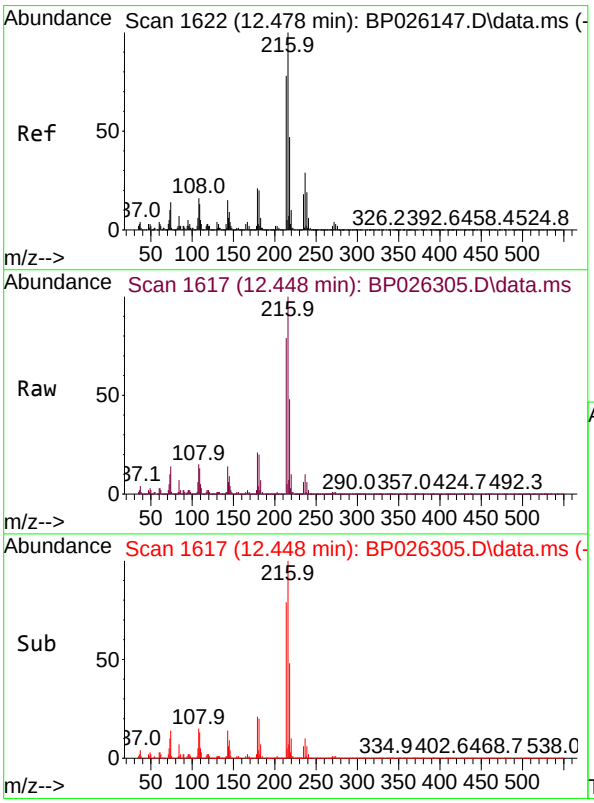
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.284 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MSD

Tgt Ion:164 Resp: 726915

Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.3	120.5
160	44.1	35.2	52.8

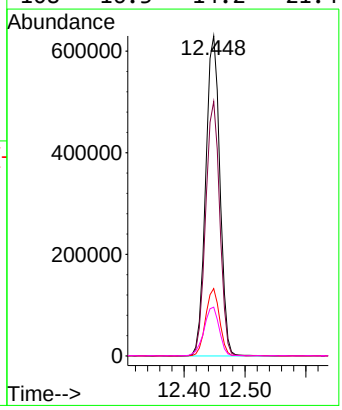


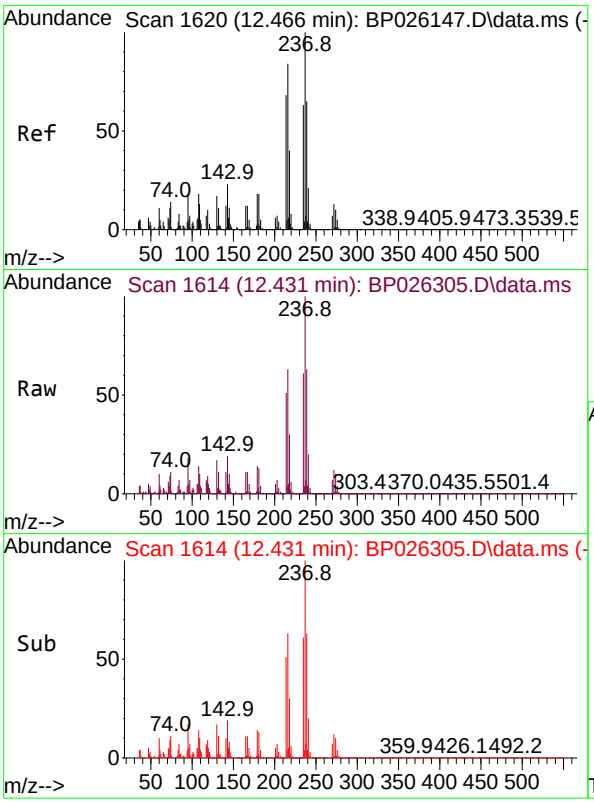


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.889 ng
RT: 12.448 min Scan# 1617
Delta R.T. -0.006 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Tgt Ion:216 Resp: 1018280

Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.6	94.0
179	20.6	16.6	25.0
108	16.3	14.2	21.4



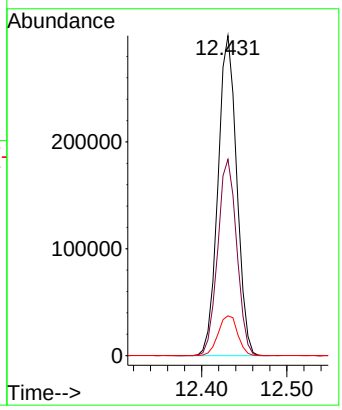


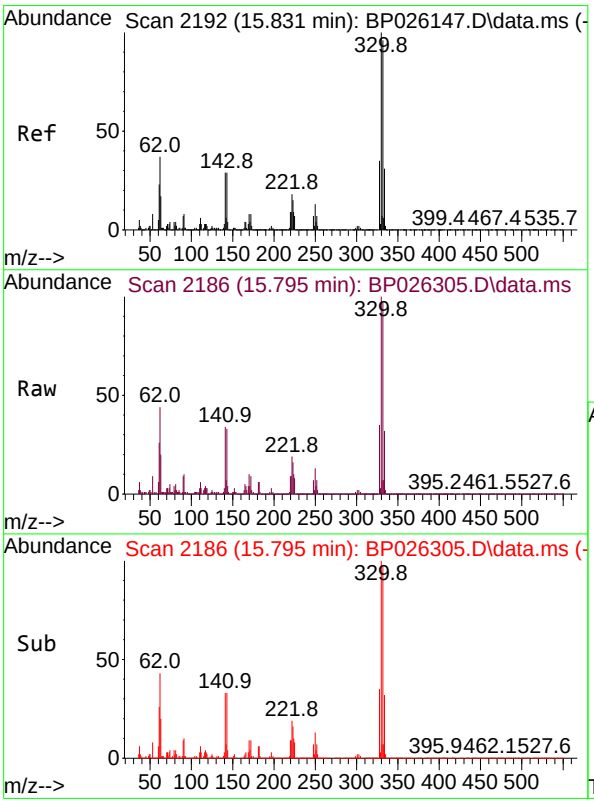
#41
Hexachlorocyclopentadiene
Concen: 33.036 ng
RT: 12.431 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MSD

Tgt Ion:237 Resp: 457282

Ion	Ratio	Lower	Upper
237	100		
235	61.3	43.3	83.3
272	12.4	0.0	32.9

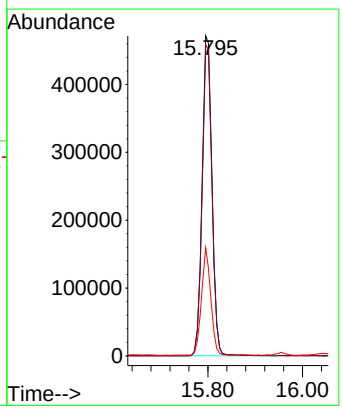


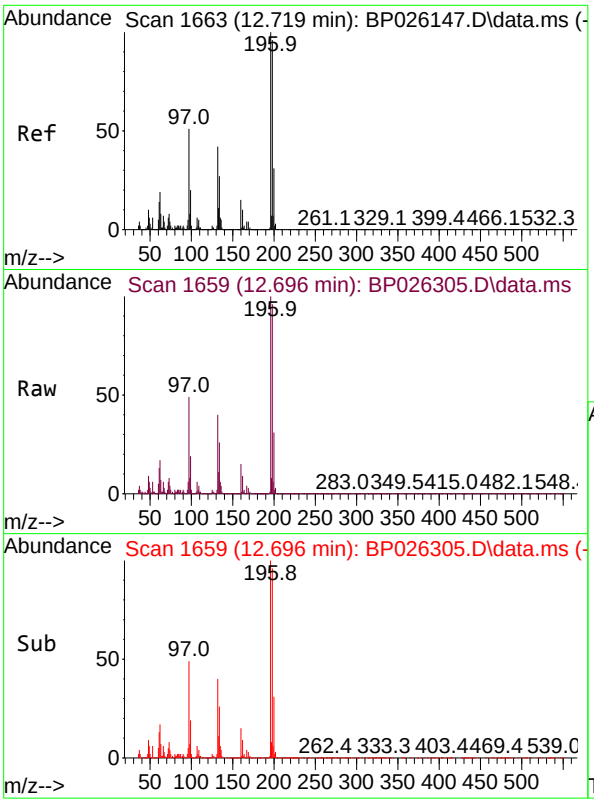


#42
2,4,6-Tribromophenol
Concen: 71.801 ng
RT: 15.795 min Scan# 2186
Delta R.T. -0.012 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Tgt Ion:330 Resp: 678752

Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.0	117.0
141	31.9	26.8	40.2



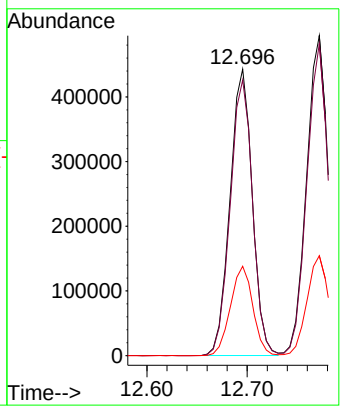


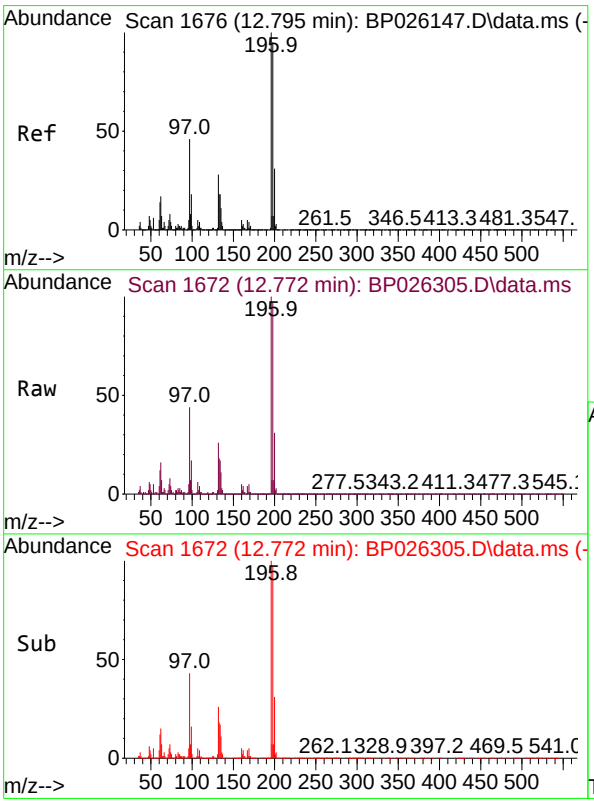
#43
2,4,6-Trichlorophenol
Concen: 45.337 ng
RT: 12.696 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MSD

Tgt Ion:196 Resp: 683710

Ion	Ratio	Lower	Upper
196	100		
198	96.2	76.9	115.3
200	31.2	24.6	37.0

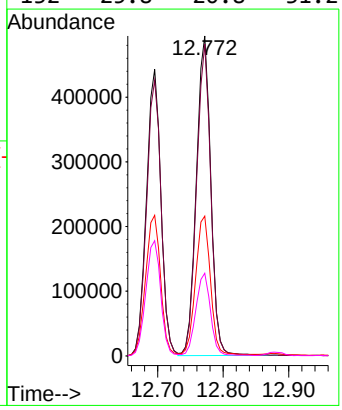


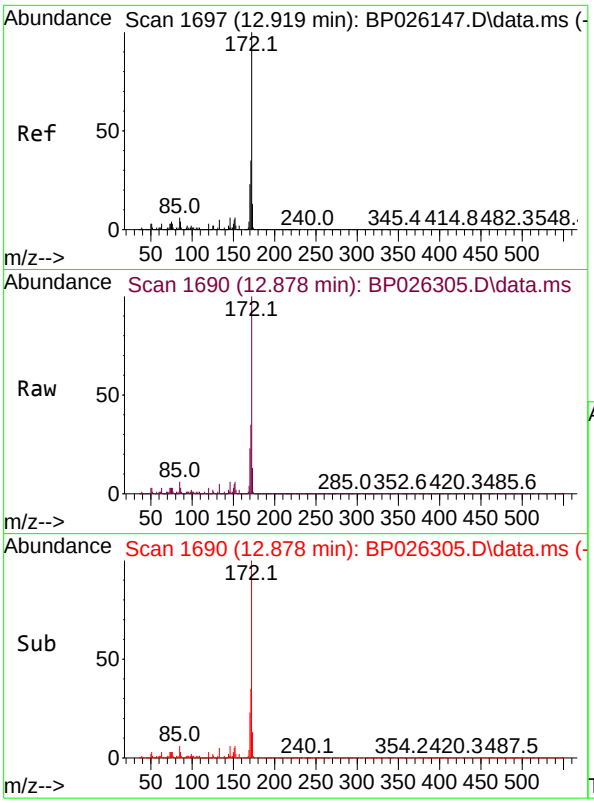


#44
2,4,5-Trichlorophenol
Concen: 44.982 ng
RT: 12.772 min Scan# 1672
Delta R.T. -0.000 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Tgt Ion:196 Resp: 755518

Ion	Ratio	Lower	Upper
196	100		
198	97.5	76.4	114.6
97	43.7	35.7	53.5
132	25.8	20.8	31.2



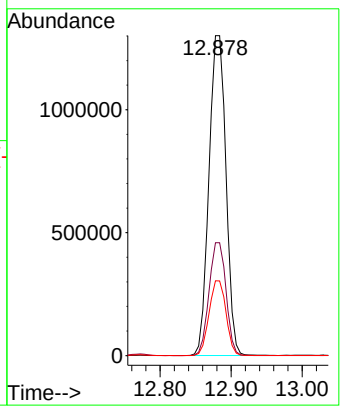


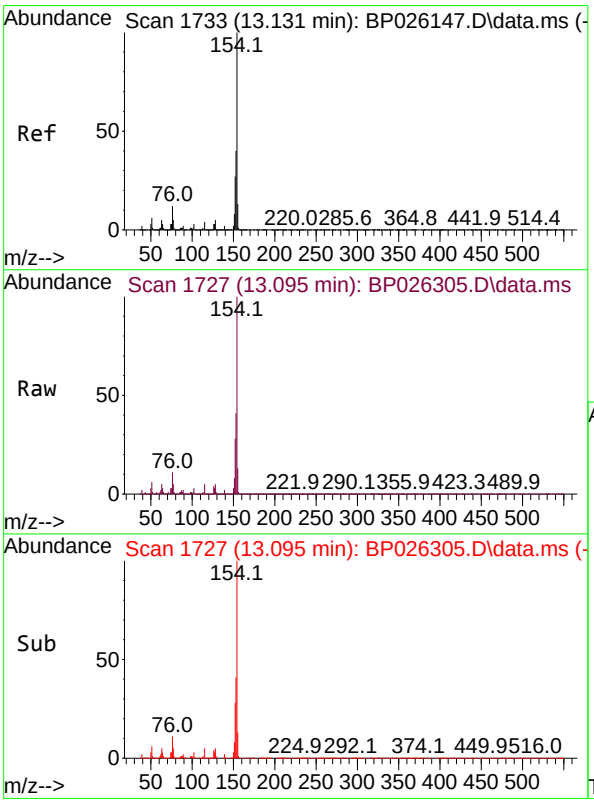
#45
2-Fluorobiphenyl
Concen: 43.320 ng
RT: 12.878 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MSD

Tgt Ion:172 Resp: 2165923

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.4
170	23.4	18.7	28.1

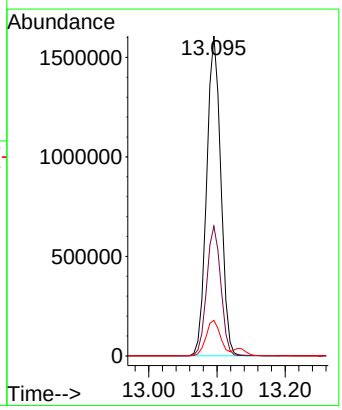


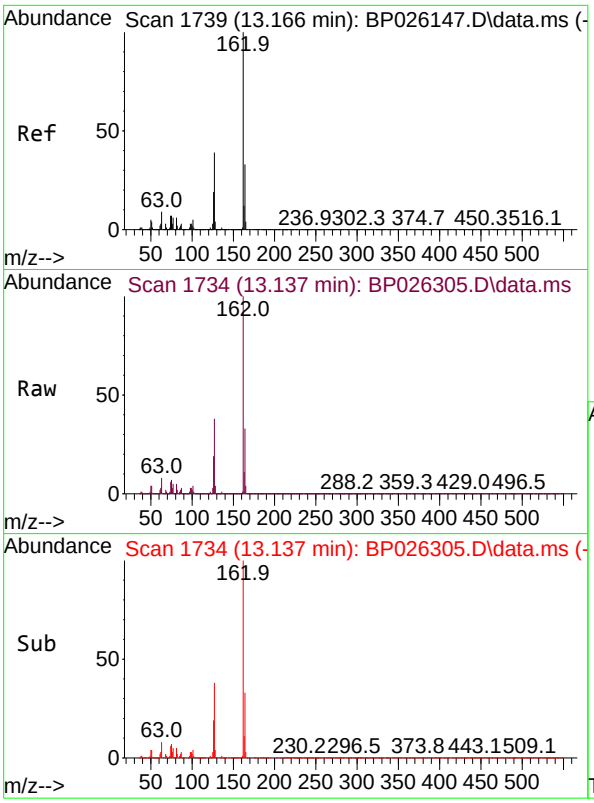


#46
1,1'-Biphenyl
Concen: 42.267 ng
RT: 13.095 min Scan# 1727
Delta R.T. -0.012 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Tgt Ion:154 Resp: 2320006

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.3	60.3
76	11.1	0.0	32.3



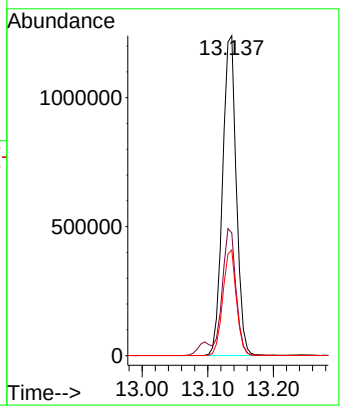


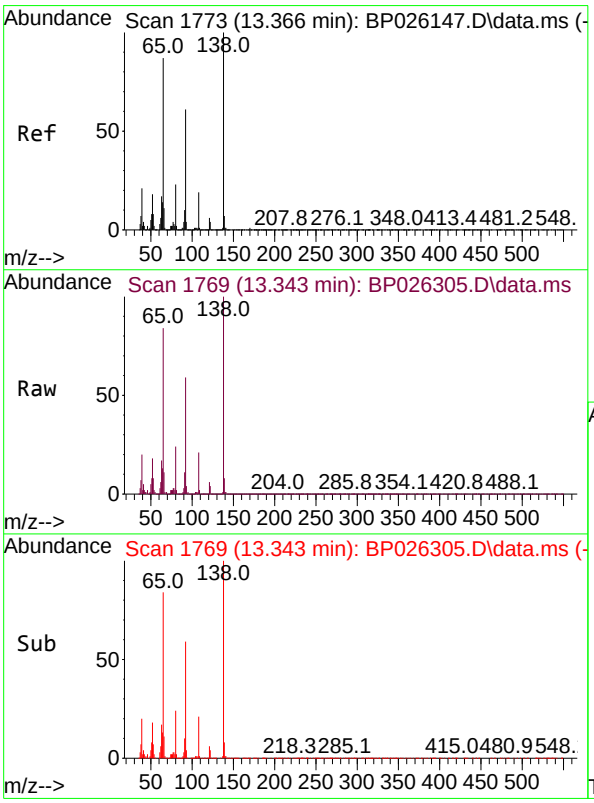
#47
2-Chloronaphthalene
Concen: 41.956 ng
RT: 13.137 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MSD

Tgt Ion:162 Resp: 1814415

Ion	Ratio	Lower	Upper
162	100		
127	38.3	30.9	46.3
164	33.0	26.4	39.6

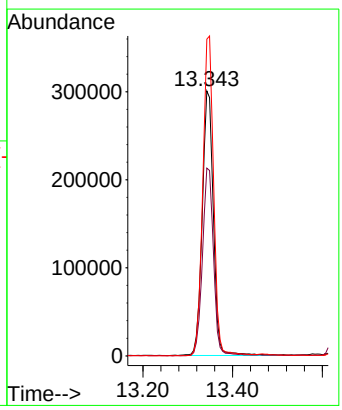


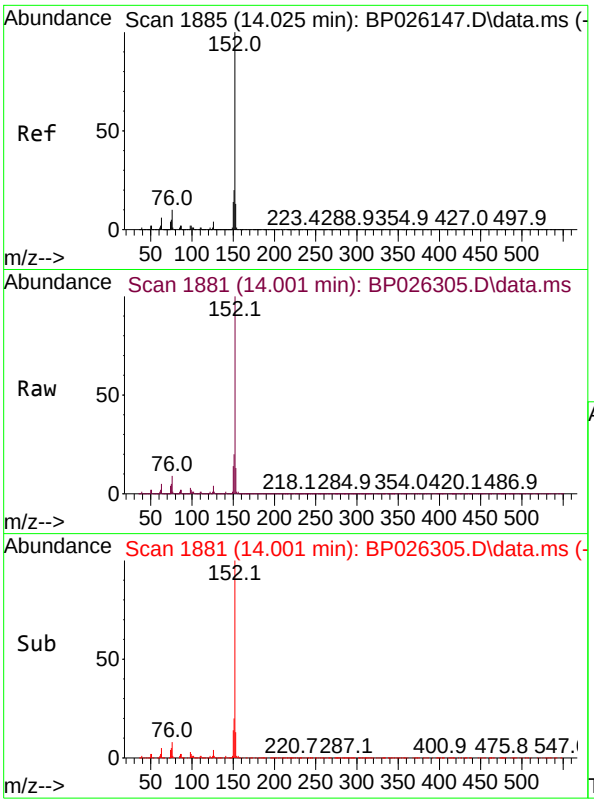


#48
2-Nitroaniline
Concen: 43.719 ng
RT: 13.343 min Scan# 1769
Delta R.T. -0.000 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Tgt Ion: 65 Resp: 517832

Ion	Ratio	Lower	Upper
65	100		
92	70.9	59.1	88.7
138	119.5	96.6	145.0



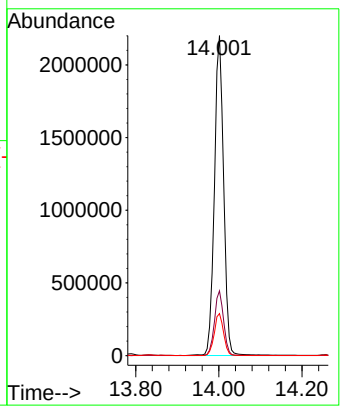


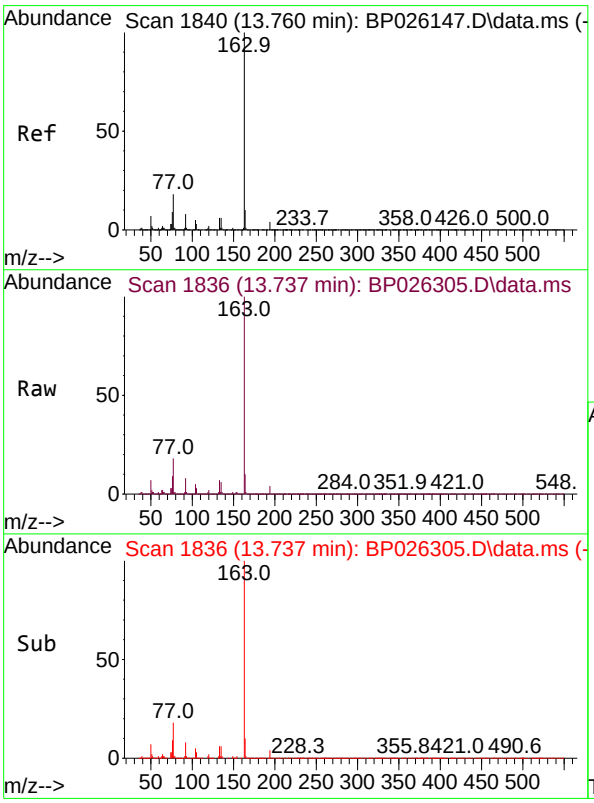
#49
Acenaphthylene
Concen: 47.774 ng
RT: 14.001 min Scan# 18
Delta R.T. -0.000 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MSD

Tgt Ion:152 Resp: 3390401

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.8	23.8
153	13.2	10.6	16.0

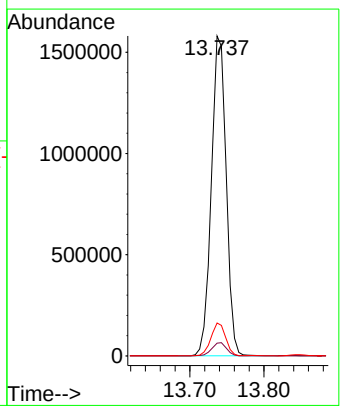


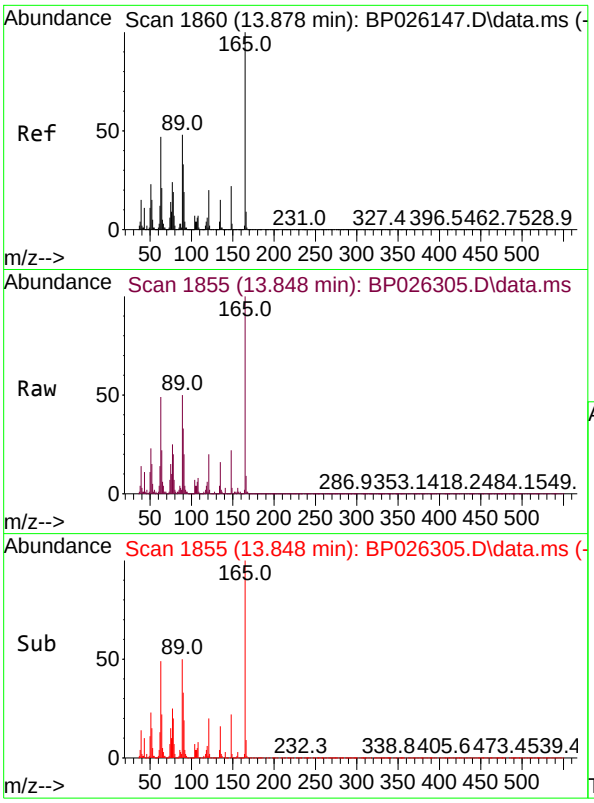


#50
Dimethylphthalate
Concen: 40.597 ng
RT: 13.737 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Tgt Ion:163 Resp: 2198917

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.3	8.2	12.2



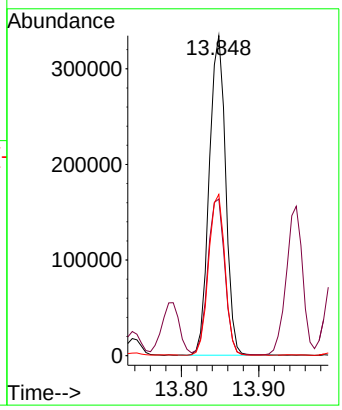


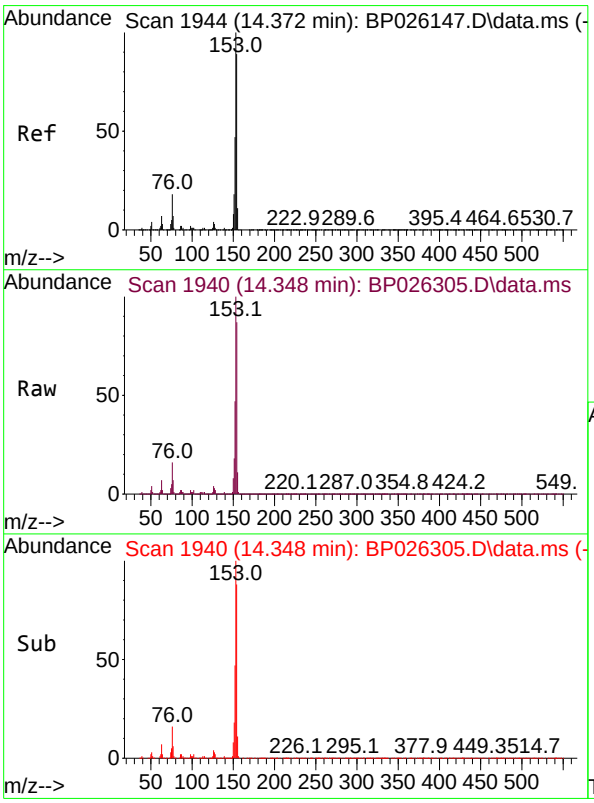
#51
2,6-Dinitrotoluene
Concen: 45.818 ng
RT: 13.848 min Scan# 18
Delta R.T. -0.006 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MSD

Tgt Ion:165 Resp: 490437

Ion	Ratio	Lower	Upper
165	100		
63	48.9	40.5	60.7
89	50.4	41.3	61.9

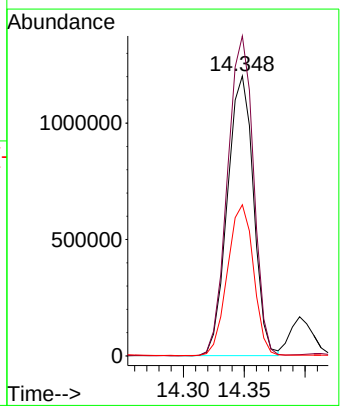


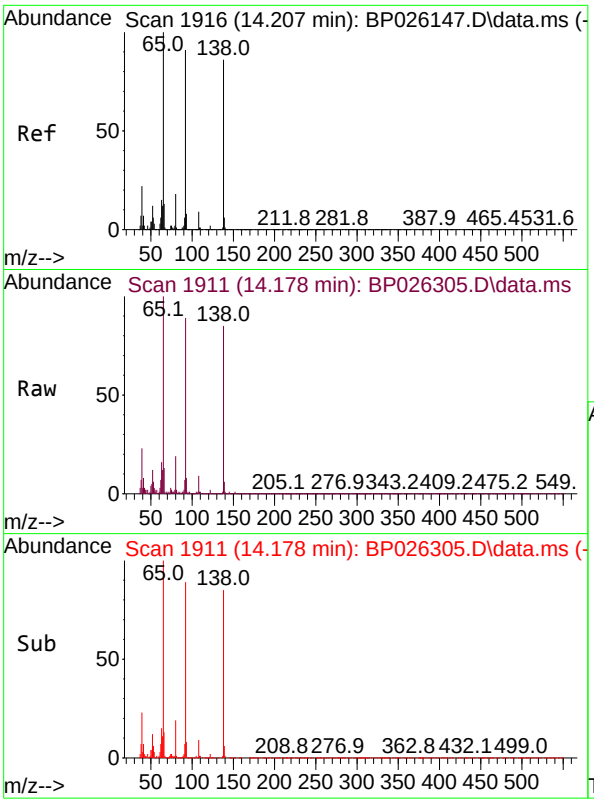


#52
Acenaphthene
Concen: 43.215 ng
RT: 14.348 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Tgt Ion:154 Resp: 1793271

Ion	Ratio	Lower	Upper
154	100		
153	114.3	90.7	136.1
152	54.0	42.8	64.2



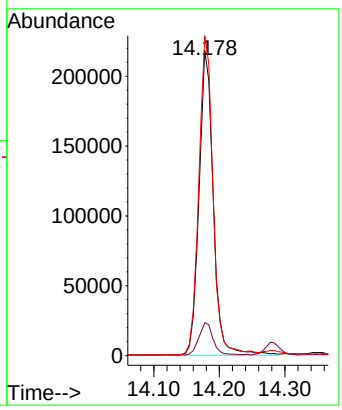


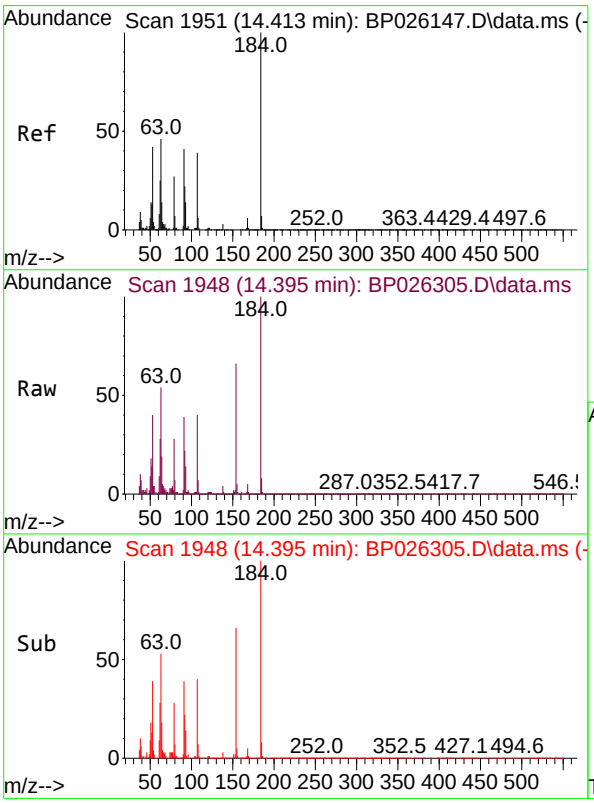
#53
3-Nitroaniline
Concen: 26.210 ng
RT: 14.178 min Scan# 19
Delta R.T. -0.012 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MSD

Tgt Ion:138 Resp: 327951

Ion	Ratio	Lower	Upper
138	100		
108	10.7	8.9	13.3
92	104.8	86.3	129.5

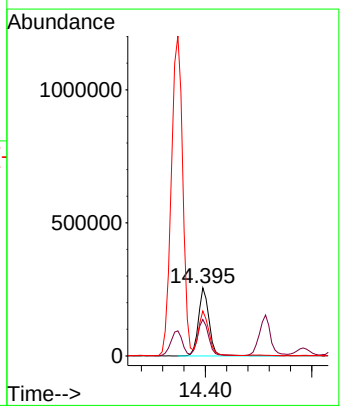


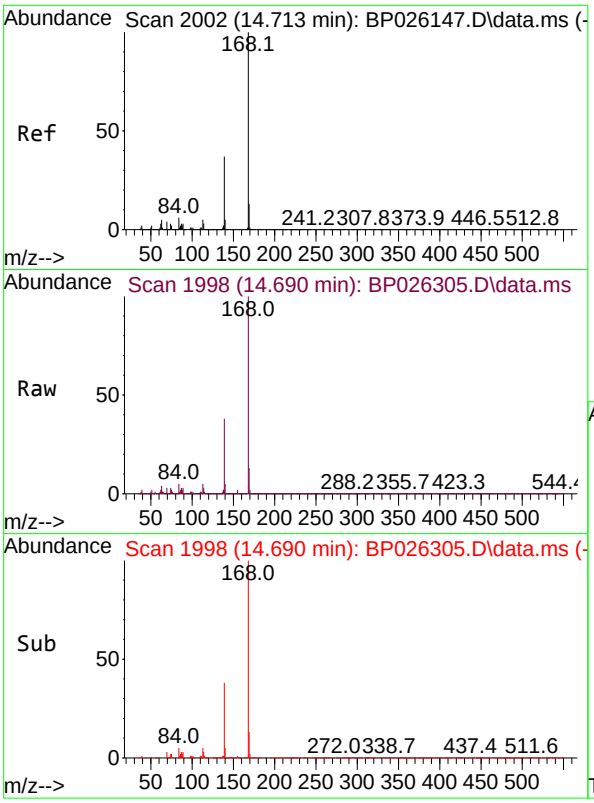


#54
2,4-Dinitrophenol
Concen: 61.567 ng
RT: 14.395 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Tgt Ion:184 Resp: 351345

Ion	Ratio	Lower	Upper
184	100		
63	53.6	43.1	64.7
154	65.9	49.5	74.3



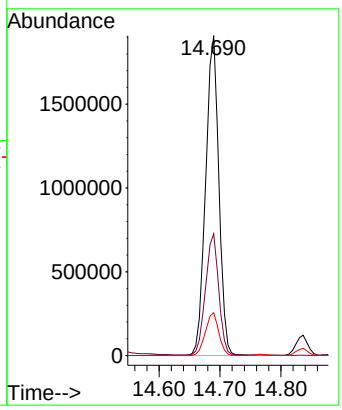


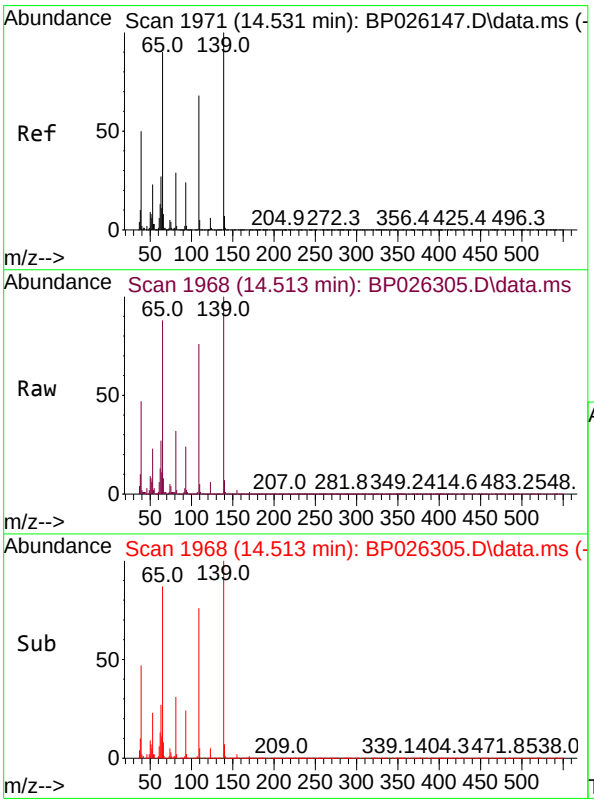
#55
Dibenzofuran
Concen: 44.559 ng
RT: 14.690 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MSD

Tgt Ion:168 Resp: 2875530

Ion	Ratio	Lower	Upper
168	100		
139	38.1	29.8	44.6
169	13.4	10.9	16.3

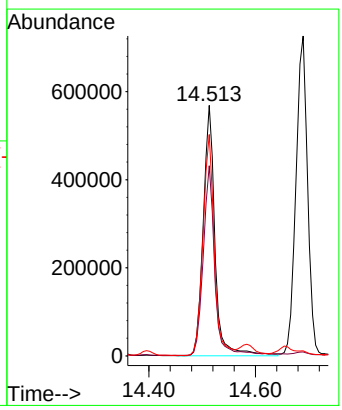


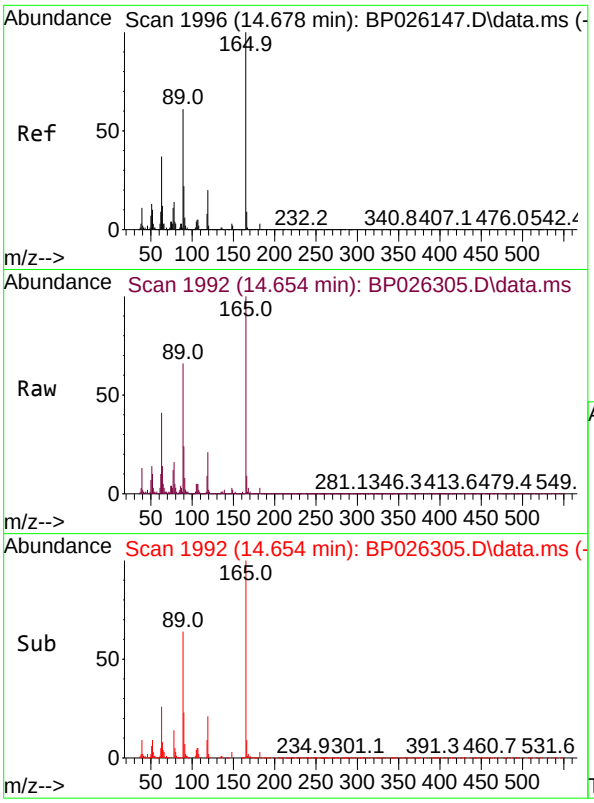


#56
4-Nitrophenol
Concen: 77.801 ng
RT: 14.513 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Tgt Ion:139 Resp: 869225

Ion	Ratio	Lower	Upper
139	100		
109	75.9	46.8	86.8
65	88.4	69.3	109.3



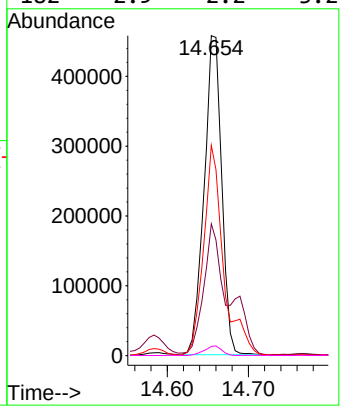


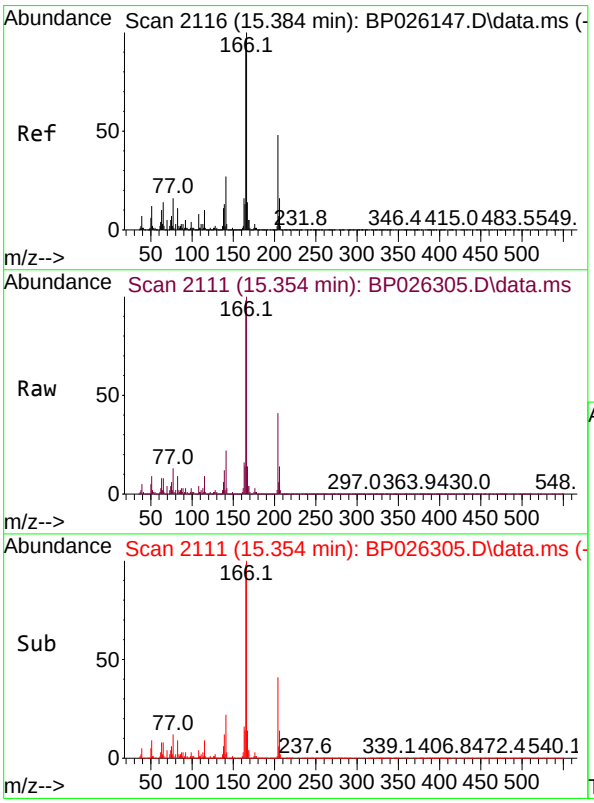
#57
2,4-Dinitrotoluene
Concen: 43.246 ng
RT: 14.654 min Scan# 19
Delta R.T. -0.000 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MSD

Tgt Ion:165 Resp: 688607

Ion	Ratio	Lower	Upper
165	100		
63	41.2	31.0	46.6
89	65.7	51.7	77.5
182	2.9	2.2	3.2

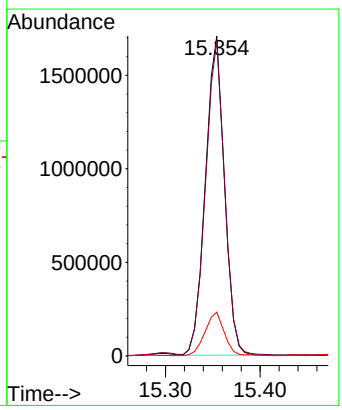


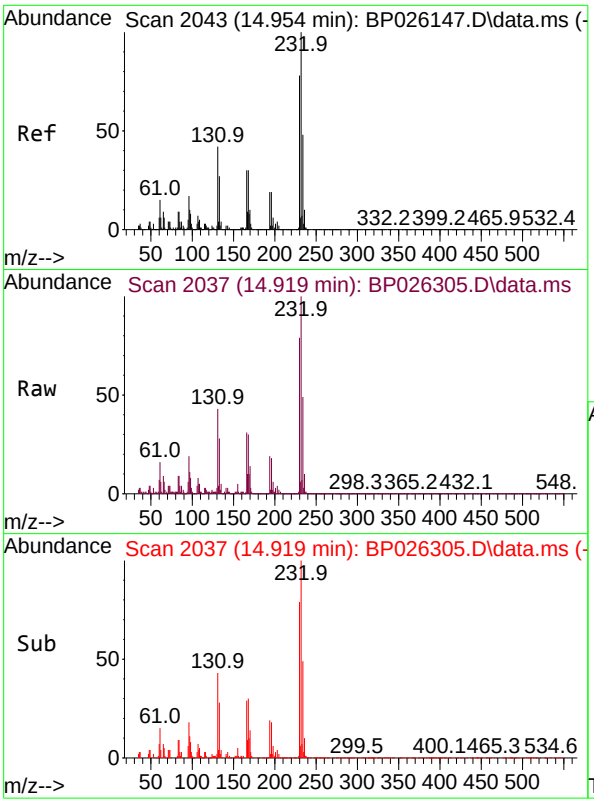


#58
Fluorene
Concen: 46.731 ng
RT: 15.354 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Tgt Ion:166 Resp: 2385679

Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.9	116.9
167	13.7	11.0	16.4



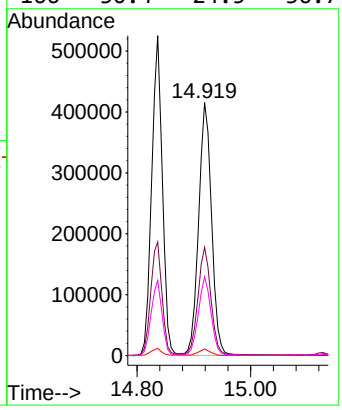


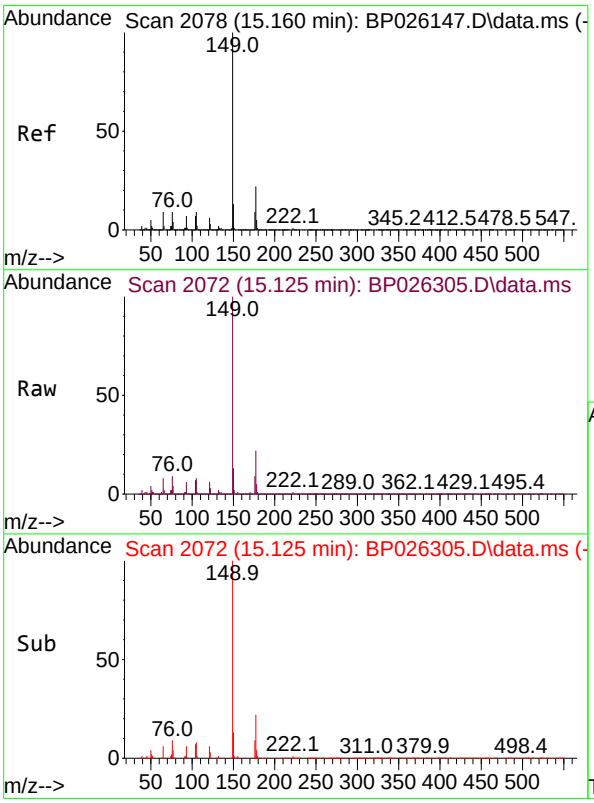
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.236 ng
RT: 14.919 min Scan# 20
Delta R.T. -0.018 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MSD

Tgt Ion:232 Resp: 657305

Ion	Ratio	Lower	Upper
232	100		
131	42.5	34.8	52.2
130	2.4	1.8	2.8
166	30.4	24.5	36.7

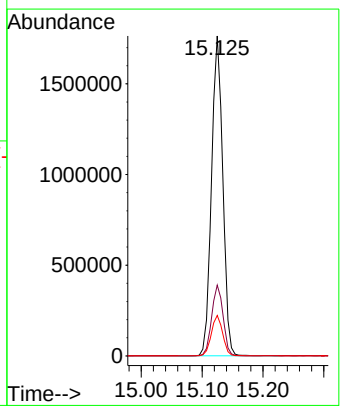


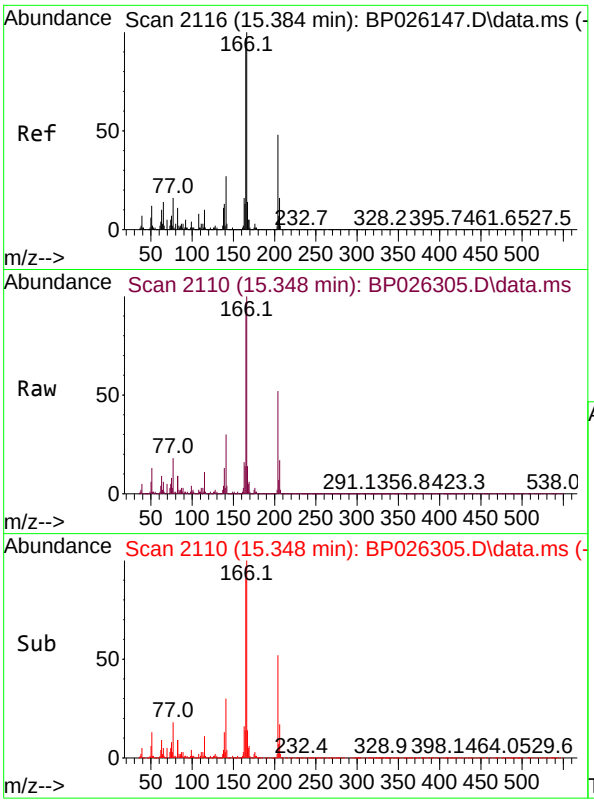


#60
Diethylphthalate
Concen: 41.765 ng
RT: 15.125 min Scan# 2072
Delta R.T. -0.006 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Tgt Ion:149 Resp: 2268903

Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.9	26.9
150	12.6	9.9	14.9



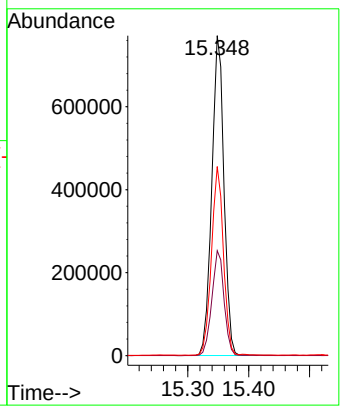


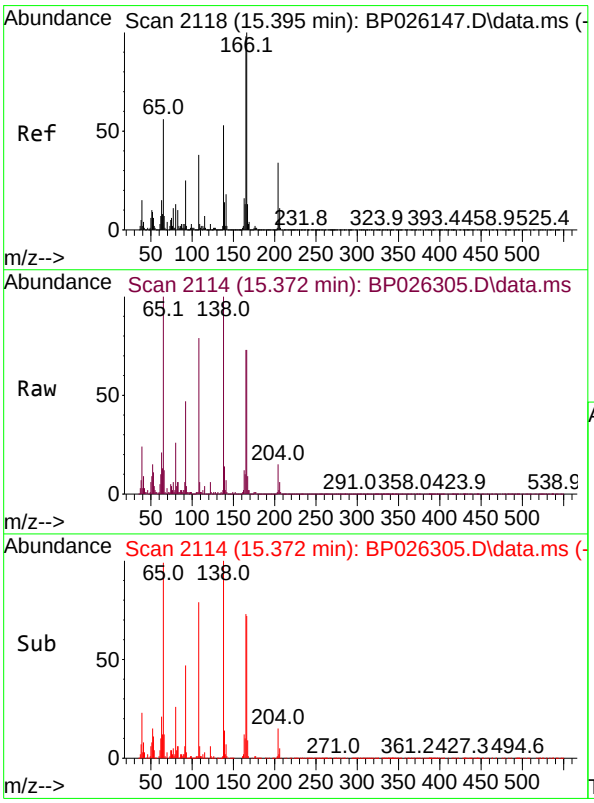
#61
4-Chlorophenyl-phenylether
Concen: 42.089 ng
RT: 15.348 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MSD

Tgt Ion:204 Resp: 1071363

Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.2	39.2
141	59.1	48.1	72.1

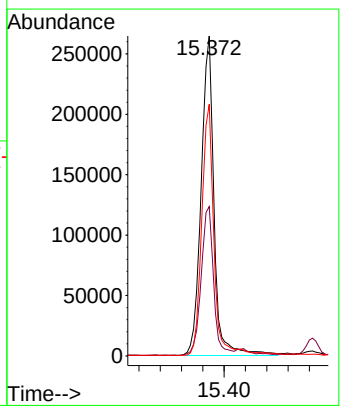


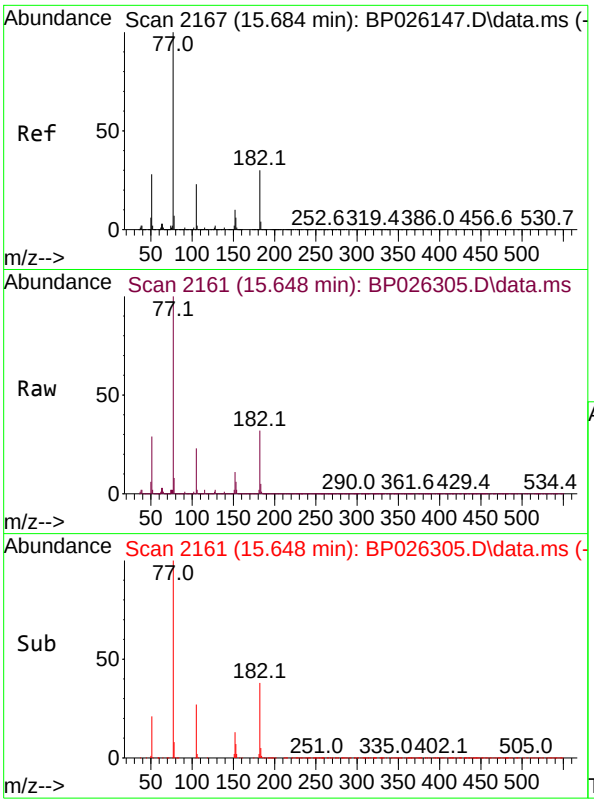


#62
4-Nitroaniline
Concen: 34.158 ng
RT: 15.372 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Tgt Ion:138 Resp: 443570

Ion	Ratio	Lower	Upper
138	100		
92	46.7	27.5	67.5
108	78.6	51.1	91.1



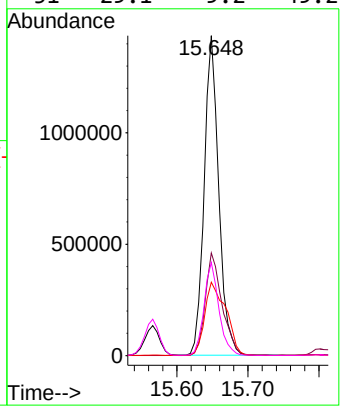


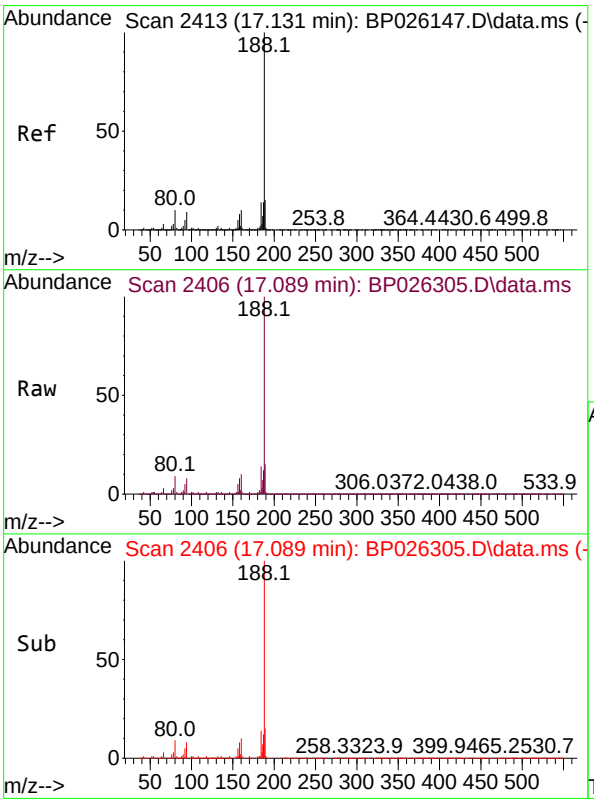
#63
Azobenzene
Concen: 44.689 ng
RT: 15.648 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MSD

Tgt Ion: 77 Resp: 2041445

Ion	Ratio	Lower	Upper
77	100		
182	32.1	8.8	48.8
105	22.9	2.6	42.6
51	29.1	9.2	49.2

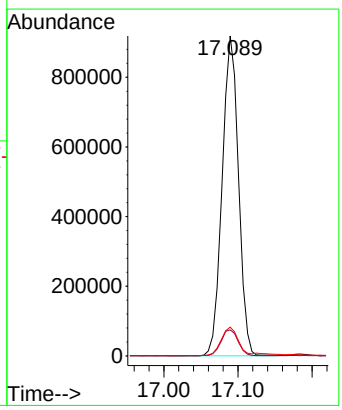


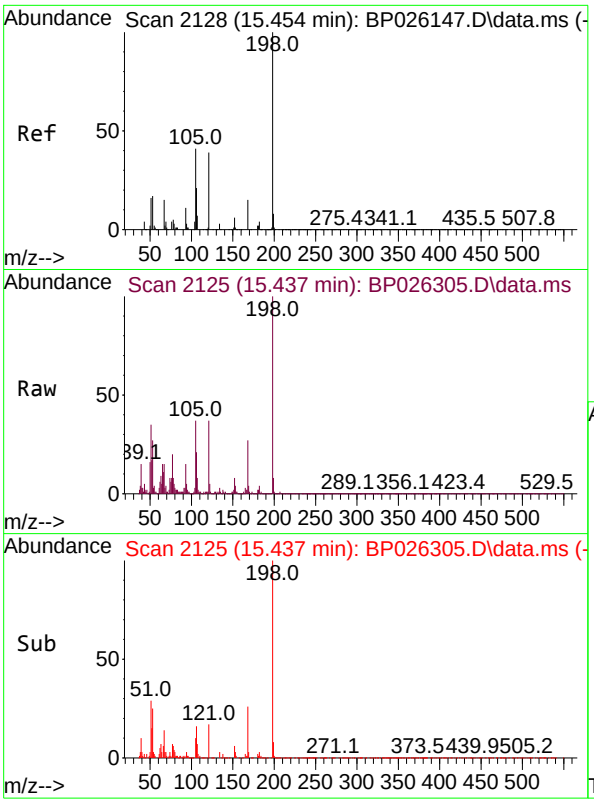


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.089 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Tgt Ion:188 Resp: 1403672

Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.8	11.6
80	9.0	8.2	12.2



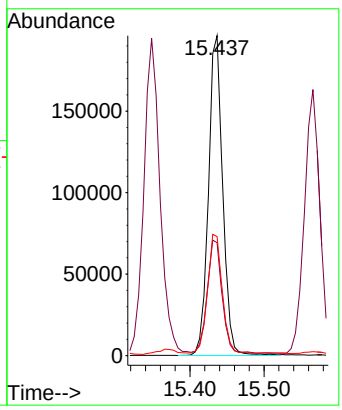


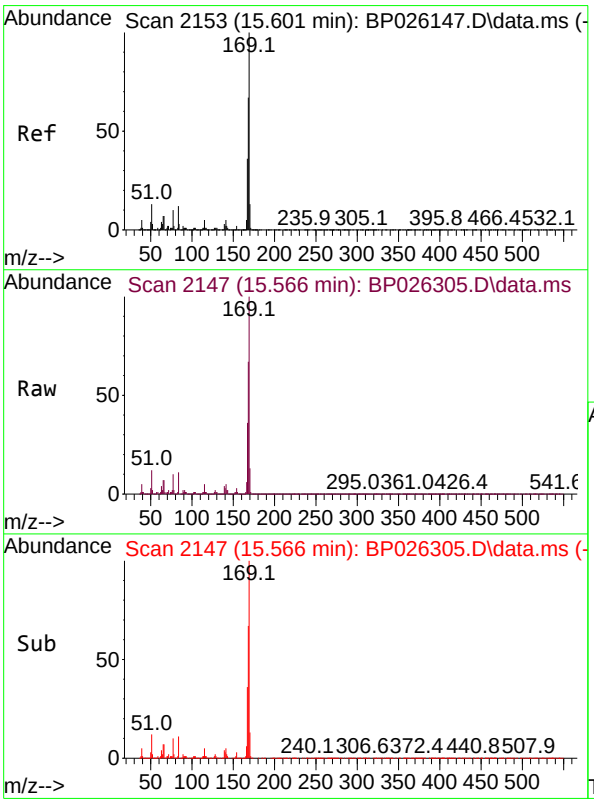
#65
4,6-Dinitro-2-methylphenol
Concen: 31.708 ng
RT: 15.437 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MSD

Tgt Ion:198 Resp: 262874

Ion	Ratio	Lower	Upper
198	100		
51	35.3	18.4	58.4
105	37.2	18.5	58.5

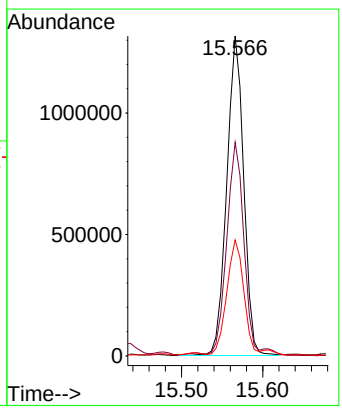


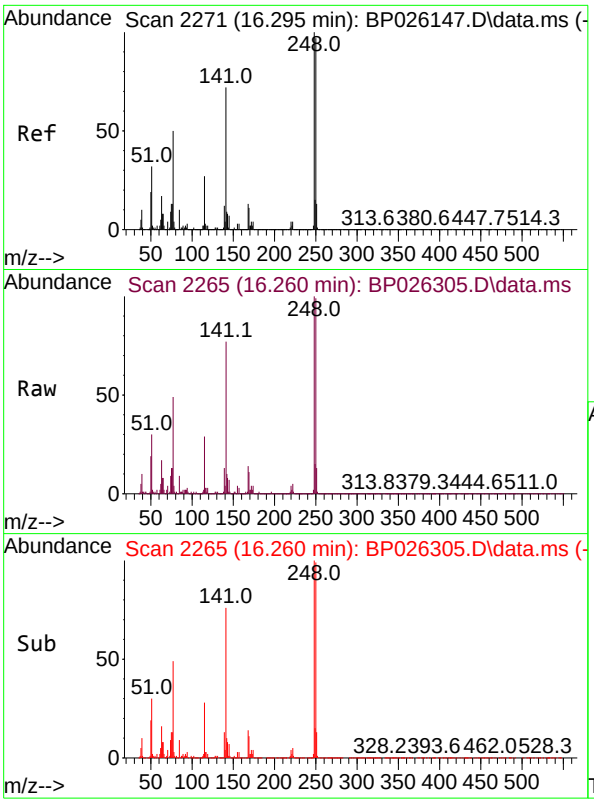


#66
n-Nitrosodiphenylamine
Concen: 43.975 ng
RT: 15.566 min Scan# 2147
Delta R.T. -0.012 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Tgt Ion:169 Resp: 1908494

Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.1	79.7
167	36.2	28.9	43.3



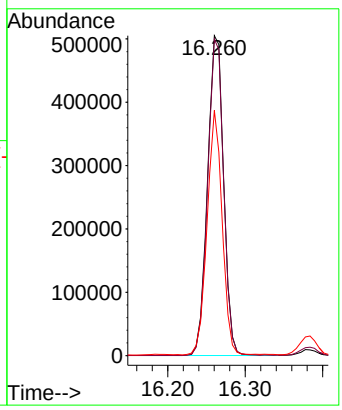


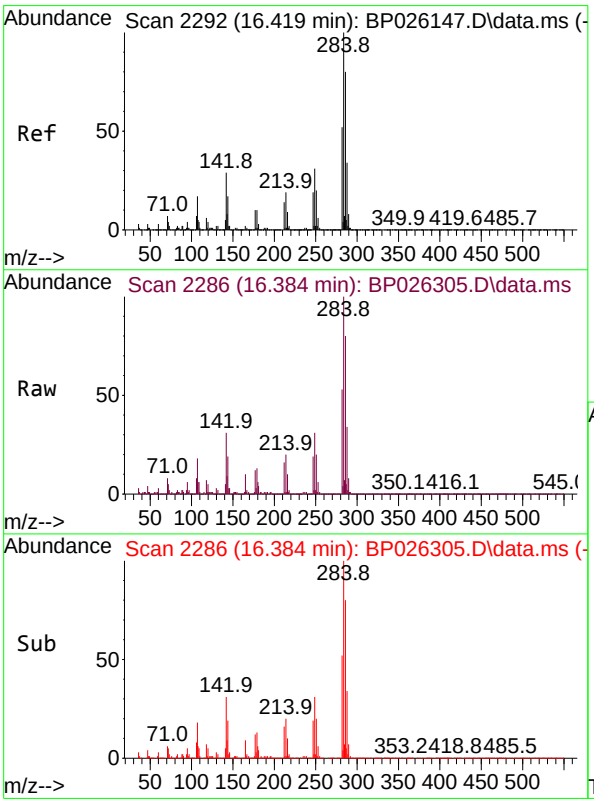
#67
4-Bromophenyl-phenylether
Concen: 46.826 ng
RT: 16.260 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MSD

Tgt Ion:248 Resp: 728681

Ion	Ratio	Lower	Upper
248	100		
250	98.9	77.8	116.6
141	76.6	55.4	83.0

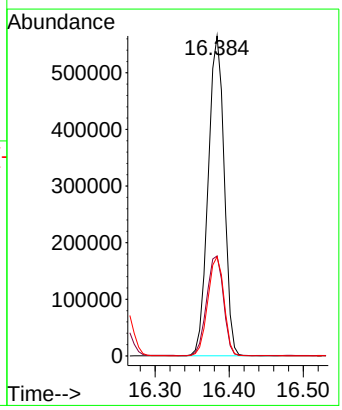


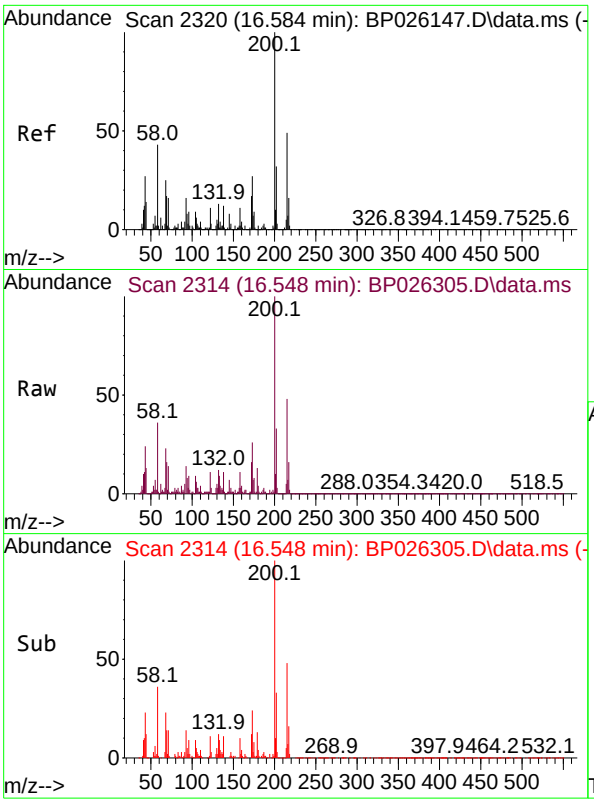


#68
Hexachlorobenzene
Concen: 46.854 ng
RT: 16.384 min Scan# 2286
Delta R.T. -0.006 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Tgt Ion:284 Resp: 847373

Ion	Ratio	Lower	Upper
284	100		
142	31.3	28.0	42.0
249	31.0	25.0	37.4



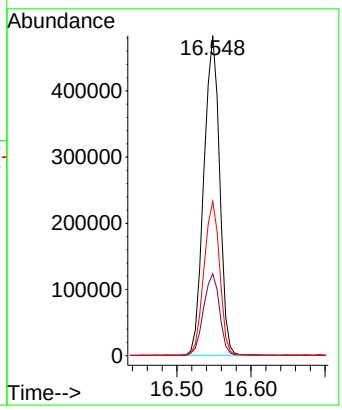


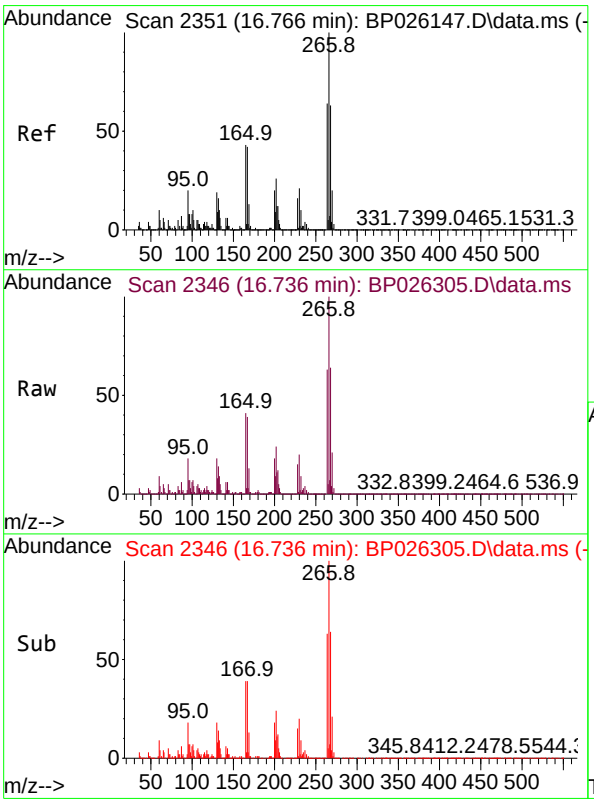
#69
Atrazine
Concen: 43.699 ng
RT: 16.548 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MSD

Tgt Ion:200 Resp: 713066

Ion	Ratio	Lower	Upper
200	100		
173	25.6	6.7	46.7
215	48.2	27.4	67.4

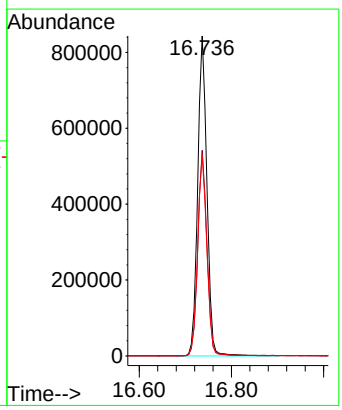


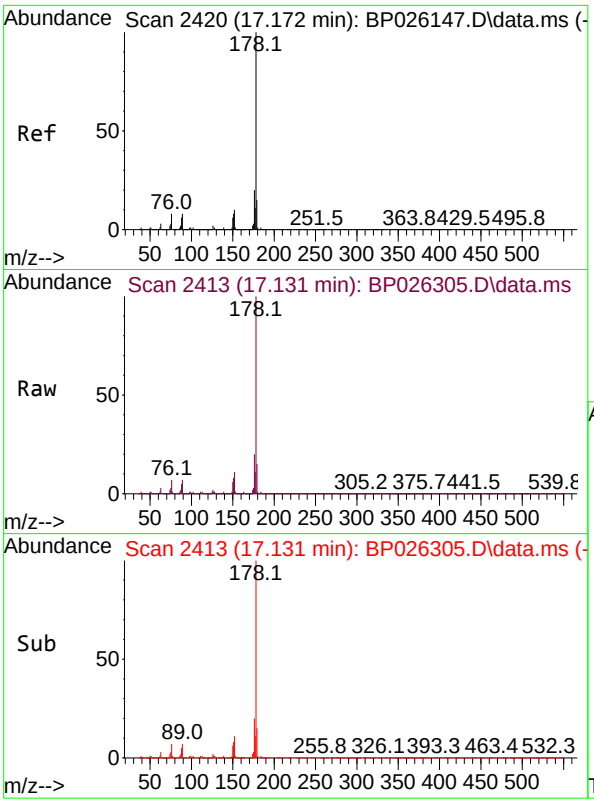


#70
Pentachlorophenol
Concen: 93.217 ng
RT: 16.736 min Scan# 2346
Delta R.T. -0.006 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Tgt Ion:266 Resp: 1169539

Ion	Ratio	Lower	Upper
266	100		
268	64.2	51.0	76.4
264	62.9	50.2	75.2



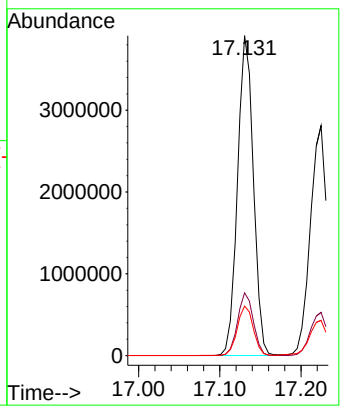


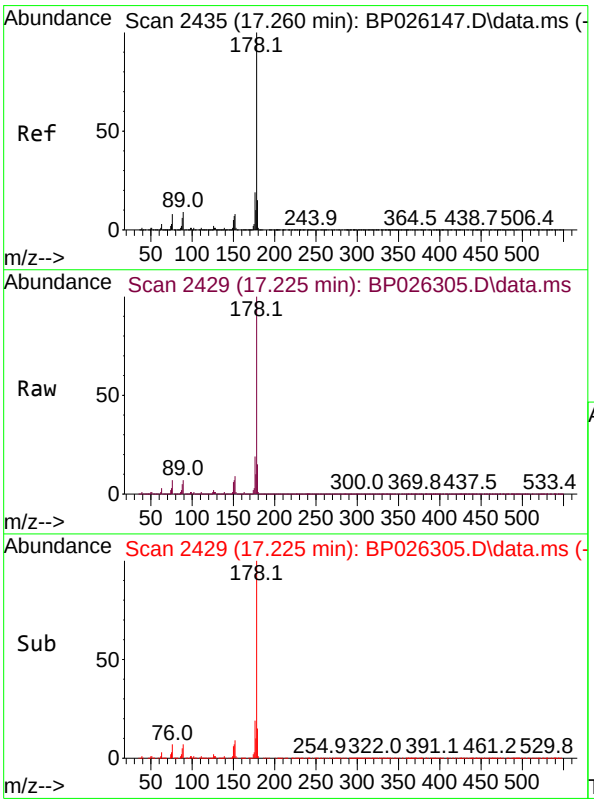
#71
Phenanthrene
Concen: 67.111 ng
RT: 17.131 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MSD

Tgt Ion:178 Resp: 5310559

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	15.5	12.4	18.6

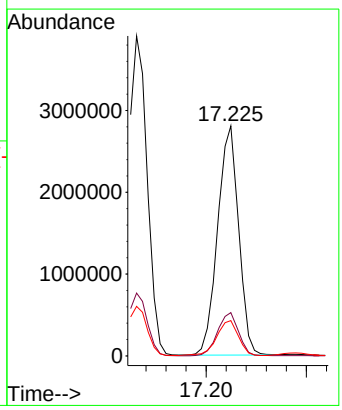


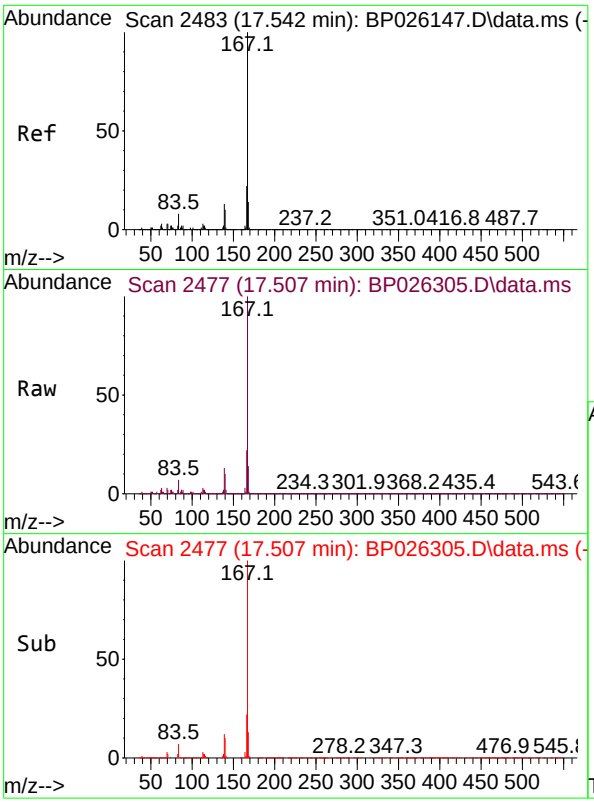


#72
Anthracene
Concen: 50.765 ng
RT: 17.225 min Scan# 2429
Delta R.T. -0.006 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Tgt Ion:178 Resp: 4091552

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.8	22.2
179	15.4	12.2	18.4



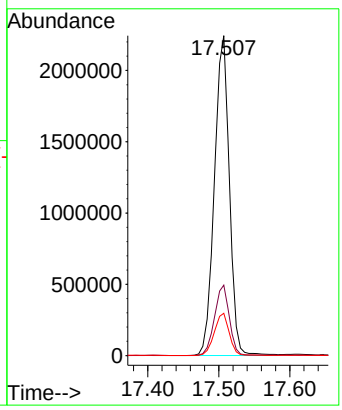


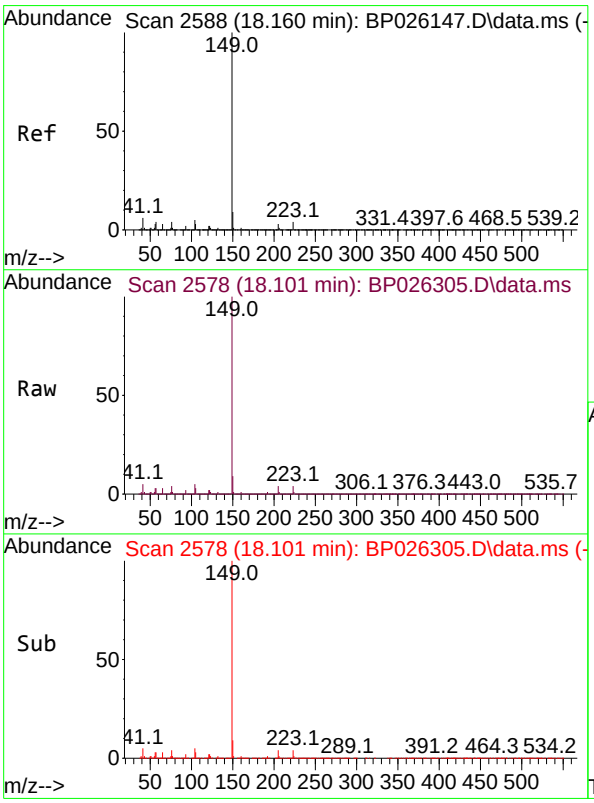
#73
Carbazole
Concen: 43.107 ng
RT: 17.507 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MSD

Tgt Ion:167 Resp: 3289207

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.1	25.7
139	13.2	10.2	15.4

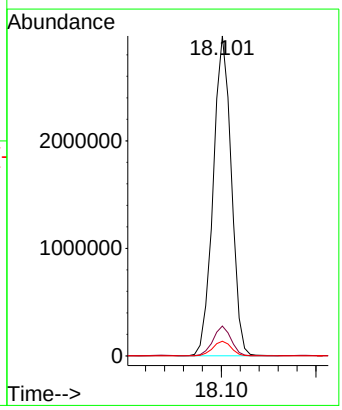


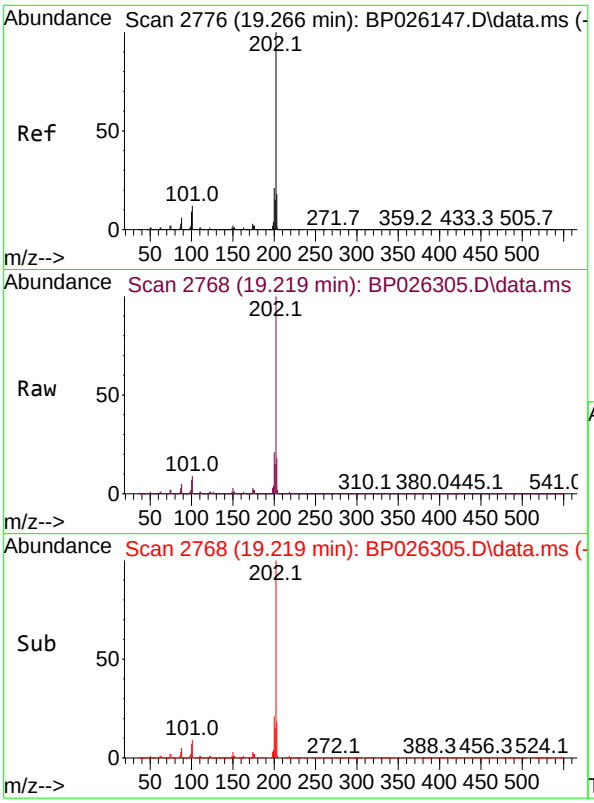


#74
Di-n-butylphthalate
Concen: 43.896 ng
RT: 18.101 min Scan# 2578
Delta R.T. -0.024 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Tgt Ion:149 Resp: 3957013

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	4.6	3.6	5.4



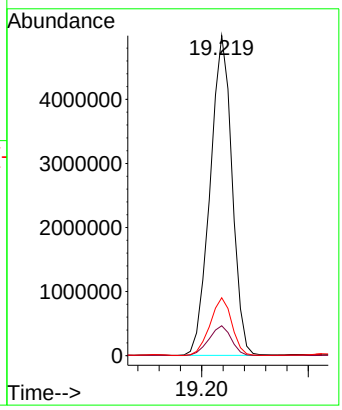


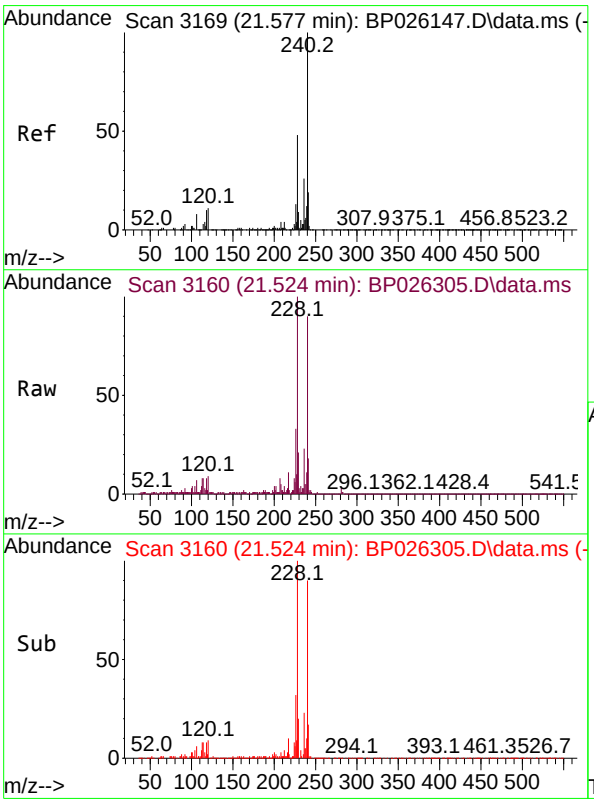
#75
Fluoranthene
Concen: 74.329 ng
RT: 19.219 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MSD

Tgt Ion:202 Resp: 7158158

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	31.2
203	18.1	0.0	37.7

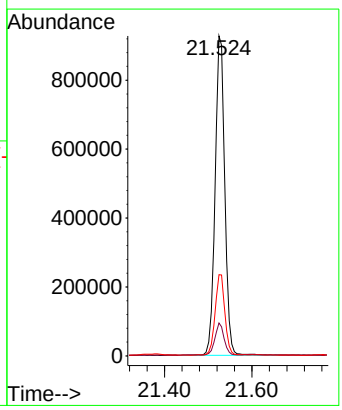


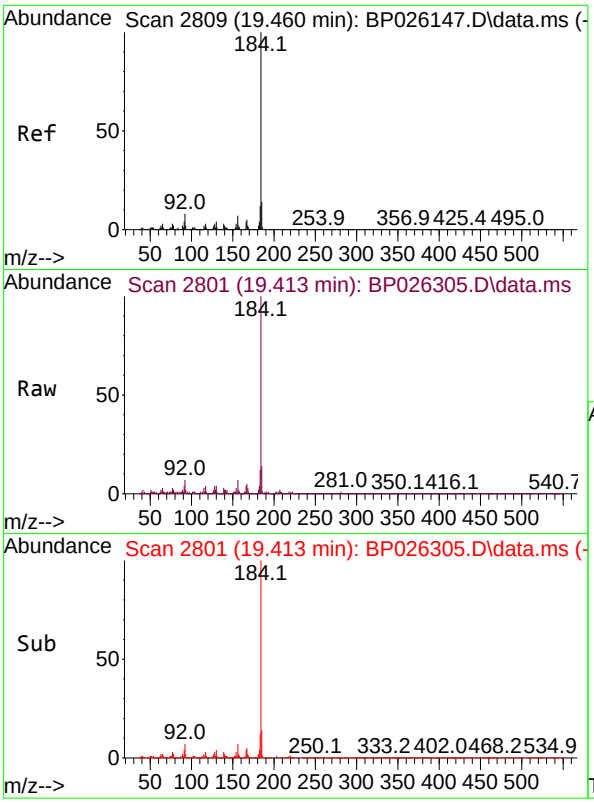


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.524 min Scan# 3160
Delta R.T. -0.012 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Tgt Ion:240 Resp: 1427006

Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.0	13.4
236	25.4	20.4	30.6



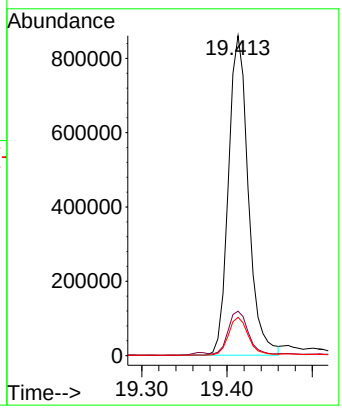


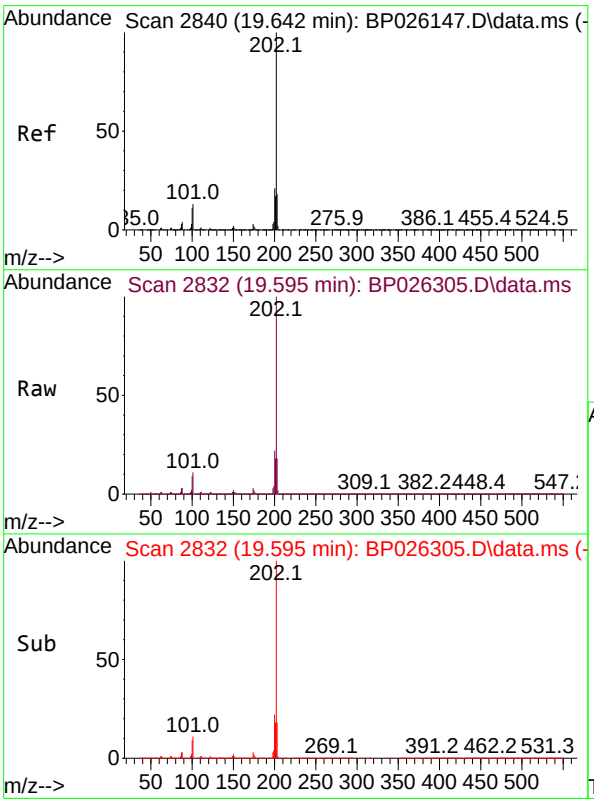
#77
Benzidine
Concen: 31.143 ng
RT: 19.413 min Scan# 28
Delta R.T. -0.018 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MSD

Tgt Ion:184 Resp: 1395308

Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.3	16.9
183	12.0	9.0	13.6

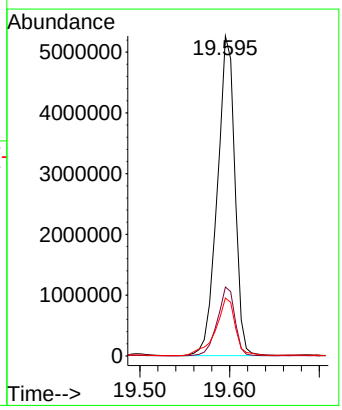


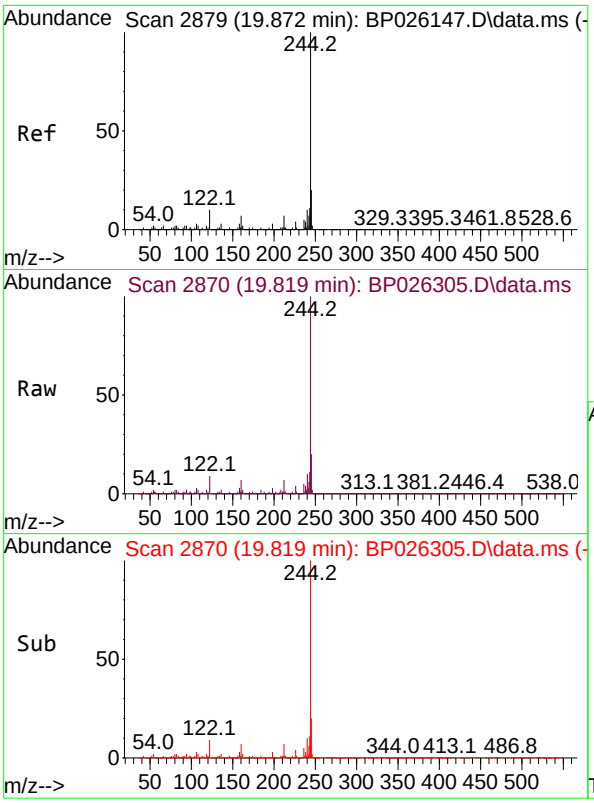


#78
Pyrene
Concen: 76.983 ng
RT: 19.595 min Scan# 2832
Delta R.T. -0.018 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Tgt Ion:202 Resp: 7158717

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.9	25.3
203	18.1	13.8	20.8



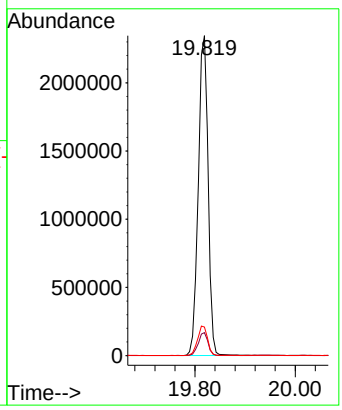


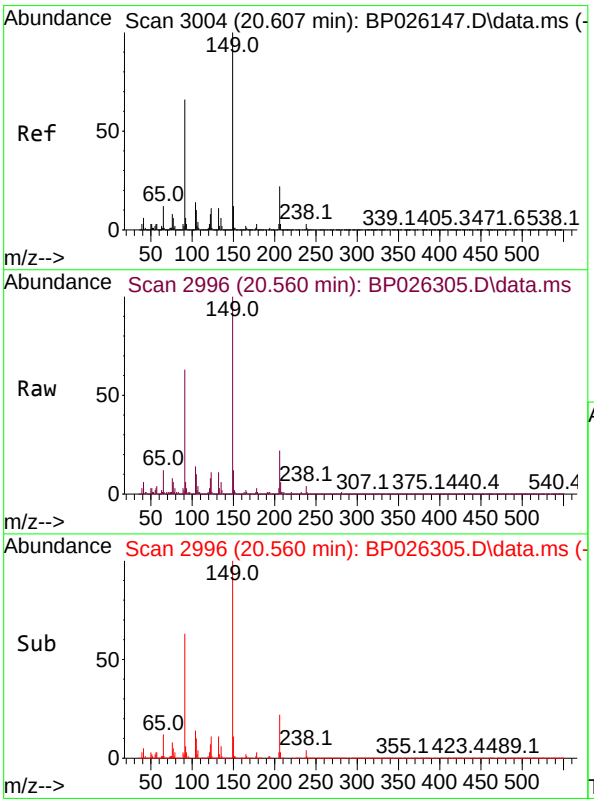
#79
Terphenyl-d14
Concen: 45.658 ng
RT: 19.819 min Scan# 28
Delta R.T. -0.018 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MSD

Tgt Ion:244 Resp: 3187738

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	8.9	8.2	12.2

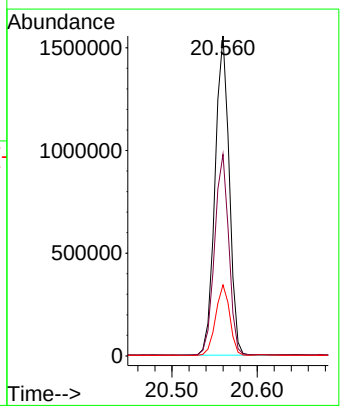


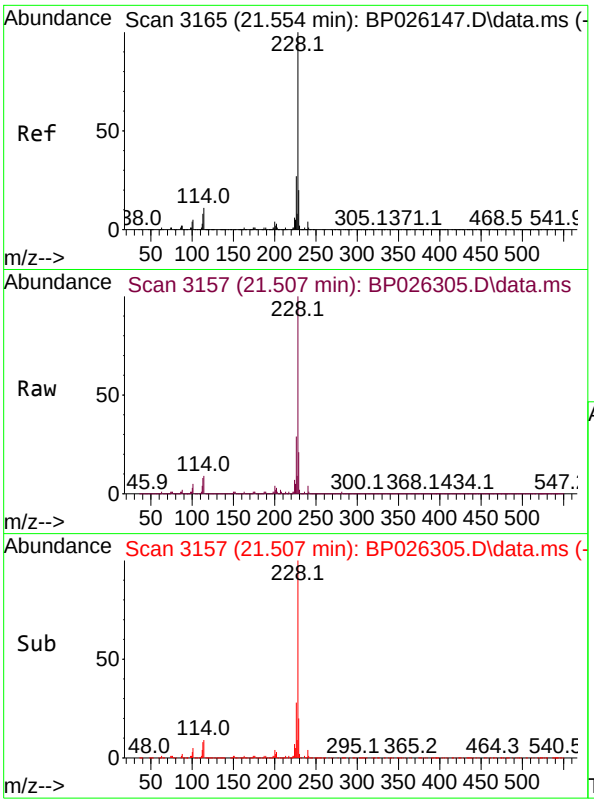


#80
Butylbenzylphthalate
Concen: 44.082 ng
RT: 20.560 min Scan# 2996
Delta R.T. -0.012 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Tgt Ion:149 Resp: 1799030

Ion	Ratio	Lower	Upper
149	100		
91	63.0	52.6	79.0
206	22.2	16.9	25.3



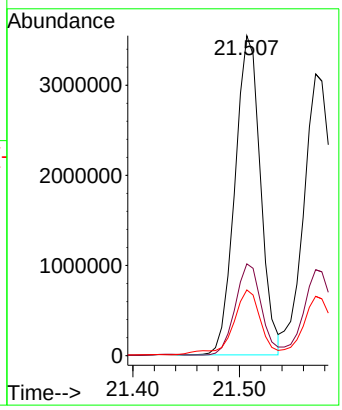


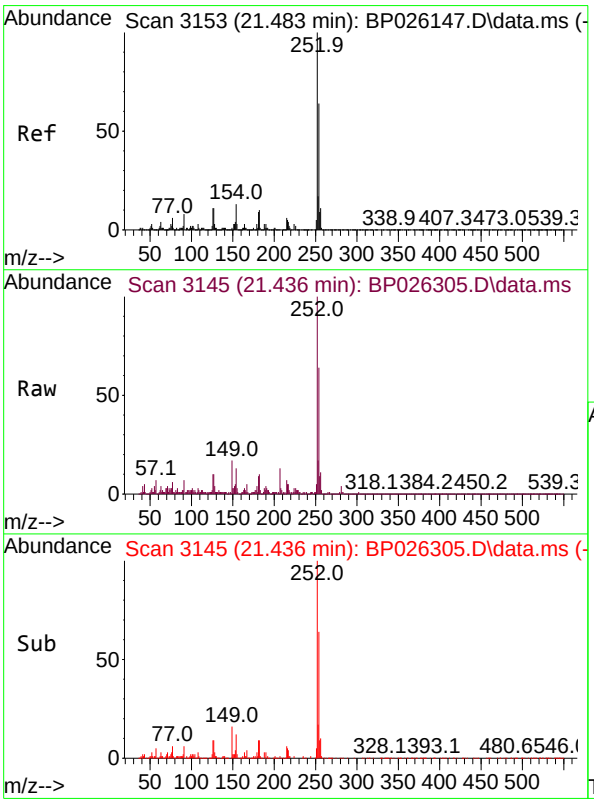
#81
Benzo(a)anthracene
Concen: 60.116 ng
RT: 21.507 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MSD

Tgt Ion:228 Resp: 5884668

Ion	Ratio	Lower	Upper
228	100		
226	28.7	21.8	32.8
229	20.5	15.9	23.9

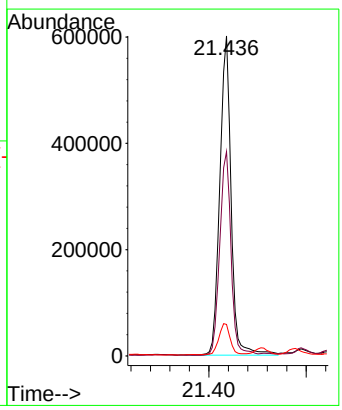


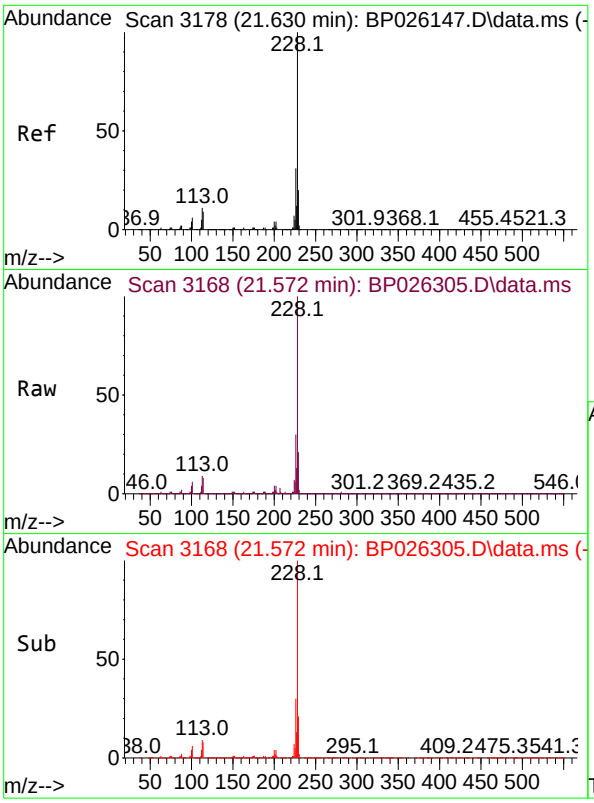


#82
3,3'-Dichlorobenzidine
Concen: 27.031 ng
RT: 21.436 min Scan# 3145
Delta R.T. -0.012 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Tgt Ion:252 Resp: 962745

Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.2	76.8
126	9.8	8.2	12.4



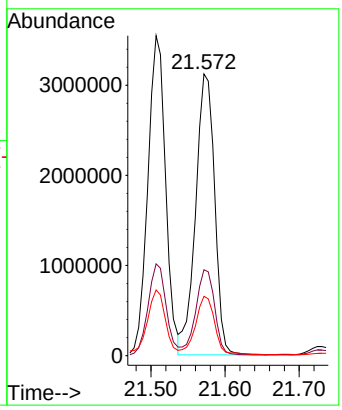


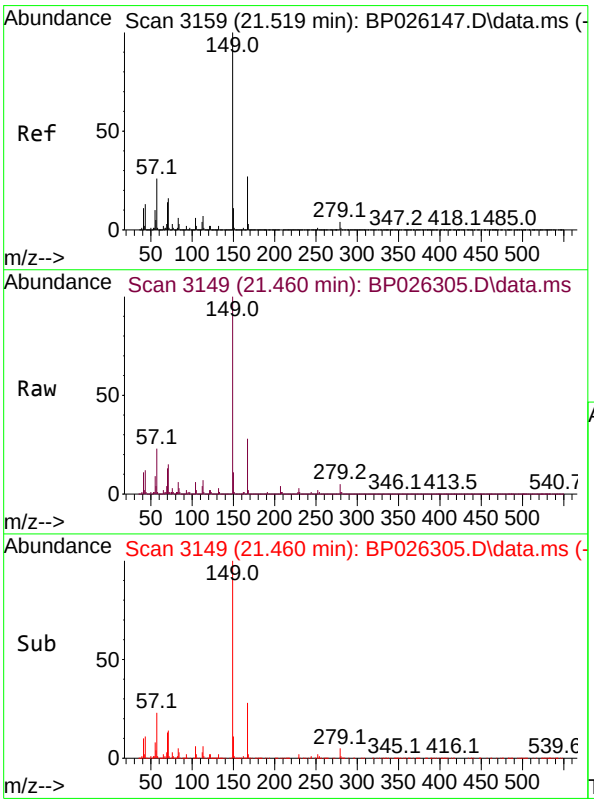
#83
Chrysene
Concen: 60.147 ng
RT: 21.572 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MSD

Tgt Ion:228 Resp: 5574837

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.9	35.9
229	21.0	15.9	23.9

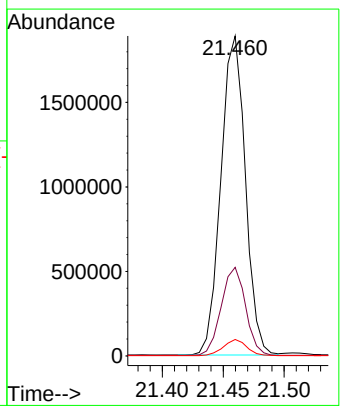


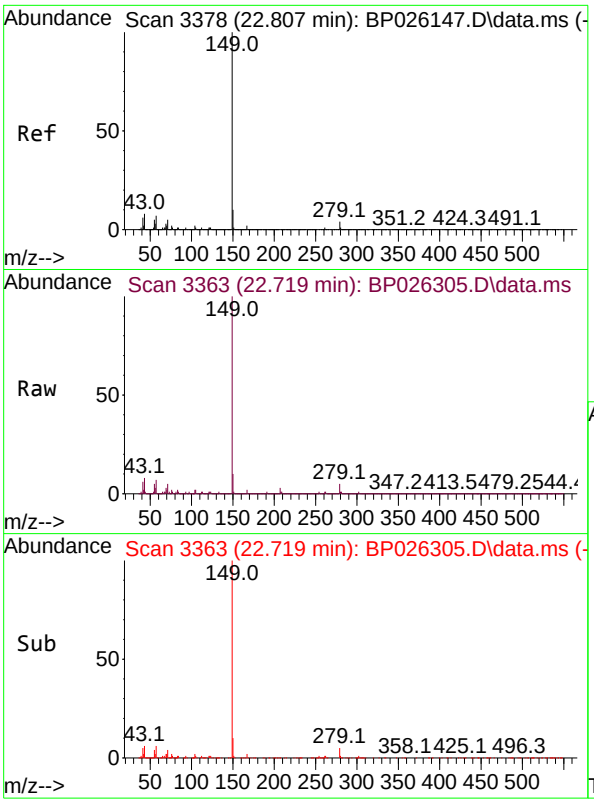


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.033 ng
RT: 21.460 min Scan# 3149
Delta R.T. -0.012 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Tgt Ion:149 Resp: 2641772

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.1	33.1
279	5.1	3.3	4.9#



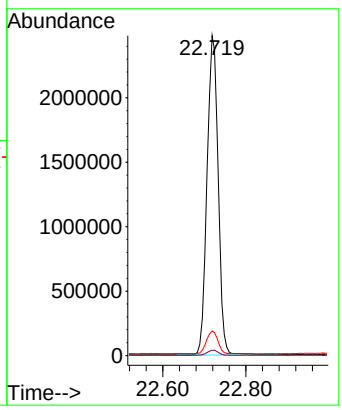


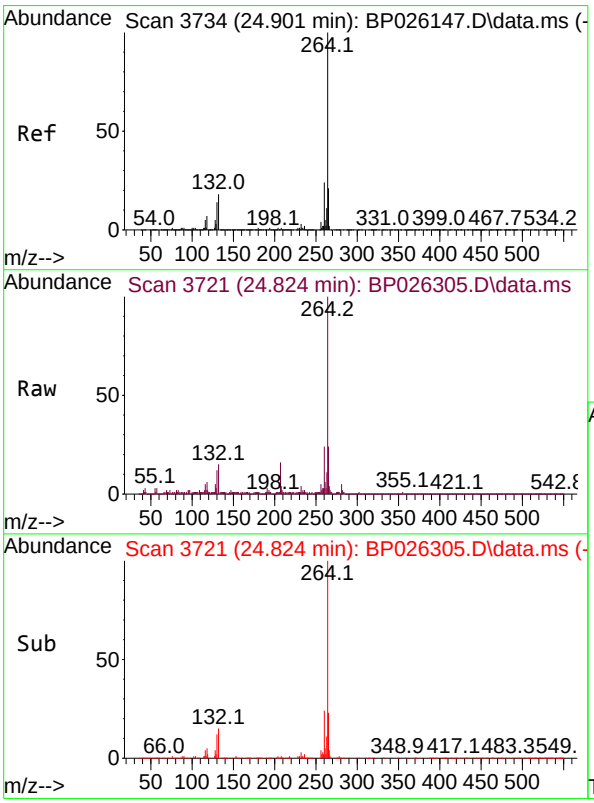
#85
Di-n-octyl phthalate
Concen: 42.547 ng
RT: 22.719 min Scan# 3
Delta R.T. -0.024 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MSD

Tgt Ion:149 Resp: 4604814

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.2	6.6	10.0

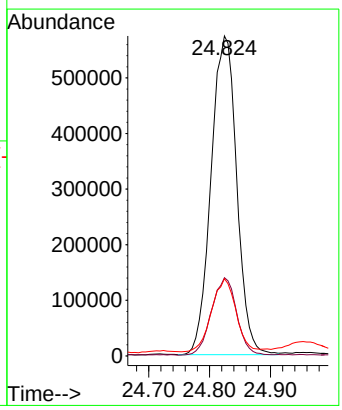


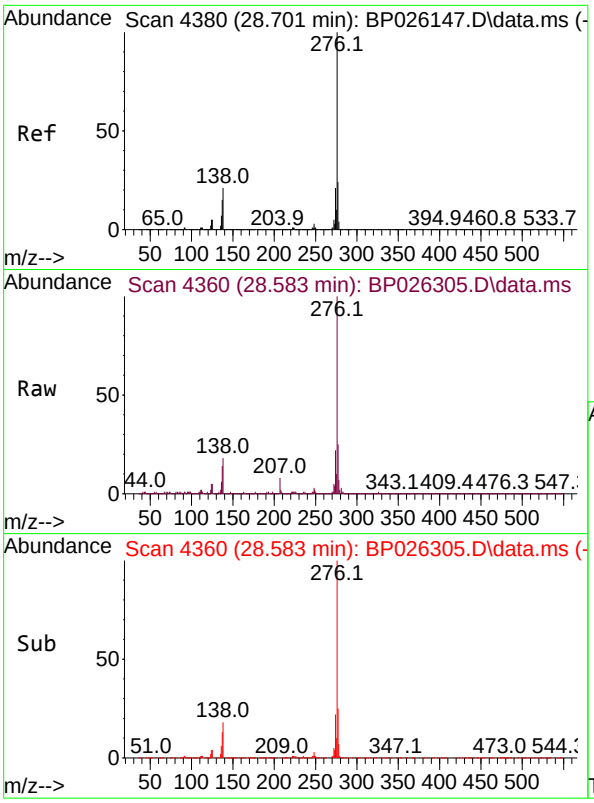


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.824 min Scan# 3721
Delta R.T. -0.000 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Tgt Ion:264 Resp: 1681945

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.7	28.1
265	24.1	17.5	26.3



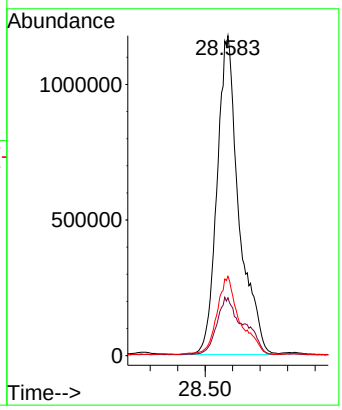


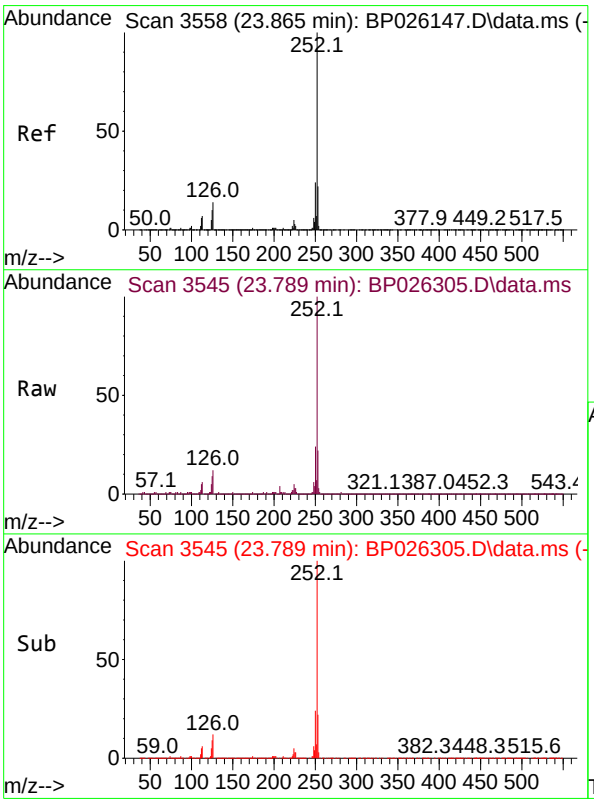
#87
Indeno(1,2,3-cd)pyrene
Concen: 51.294 ng
RT: 28.583 min Scan# 4
Delta R.T. -0.000 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MSD

Tgt Ion:276 Resp: 6520226

Ion	Ratio	Lower	Upper
276	100		
138	16.1	13.8	20.8
277	25.3	16.7	25.1#

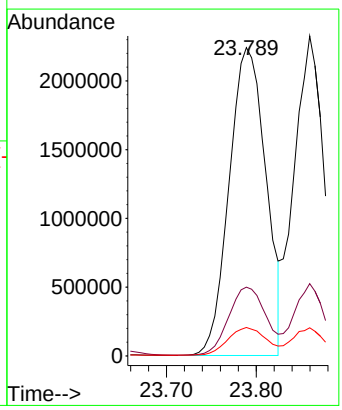


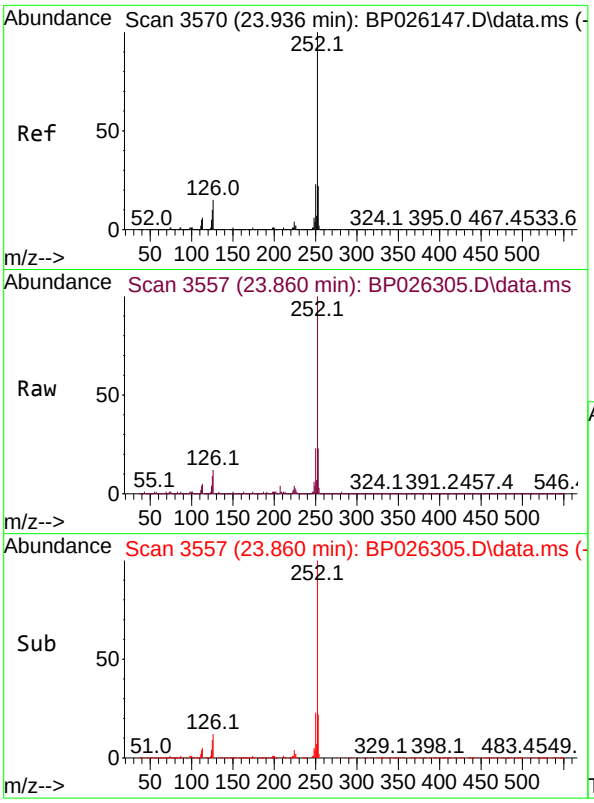


#88
Benzo(b)fluoranthene
Concen: 62.365 ng
RT: 23.789 min Scan# 3545
Delta R.T. -0.006 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Tgt Ion:252 Resp: 6374966

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	9.2	8.2	12.4



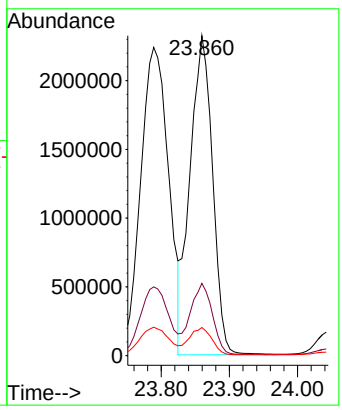


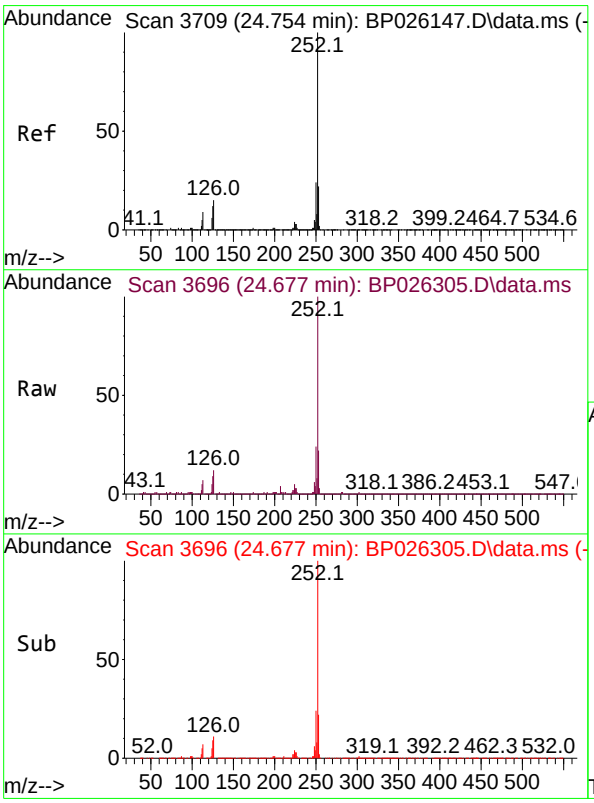
#89
Benzo(k)fluoranthene
Concen: 52.353 ng
RT: 23.860 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MSD

Tgt Ion:252 Resp: 5353156

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	8.8	7.5	11.3

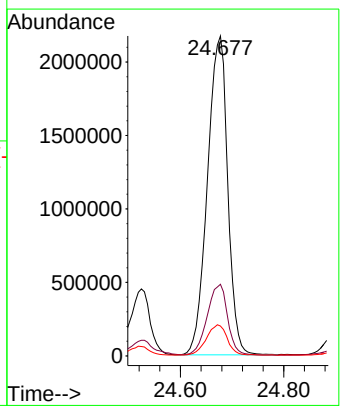


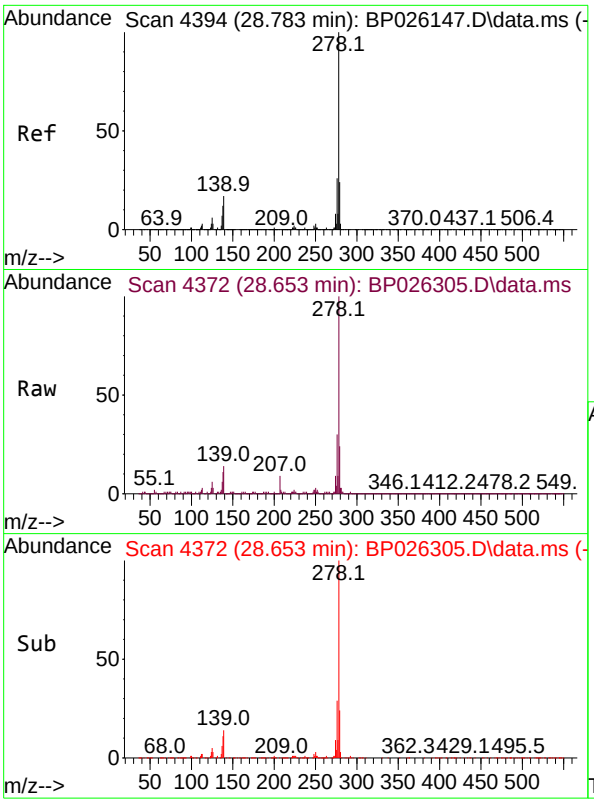


#90
Benzo(a)pyrene
Concen: 61.032 ng
RT: 24.677 min Scan# 3696
Delta R.T. -0.006 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Tgt Ion:252 Resp: 5915782

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	9.4	9.0	13.6



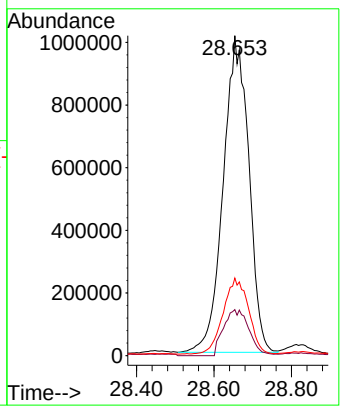


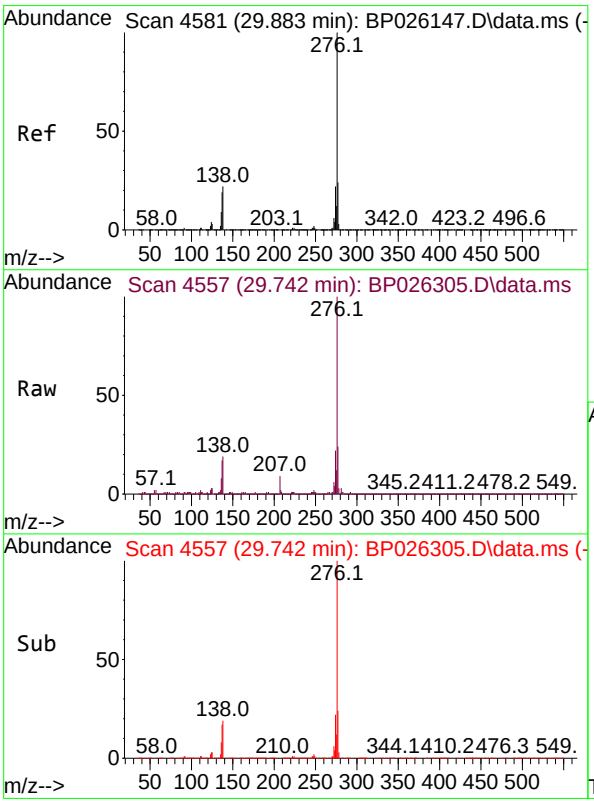
#91
Dibenzo(a,h)anthracene
Concen: 44.499 ng
RT: 28.653 min Scan# 4
Delta R.T. 0.006 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MSD

Tgt Ion:278 Resp: 4626624

Ion	Ratio	Lower	Upper
278	100		
139	14.4	13.2	19.8
279	24.2	19.2	28.8

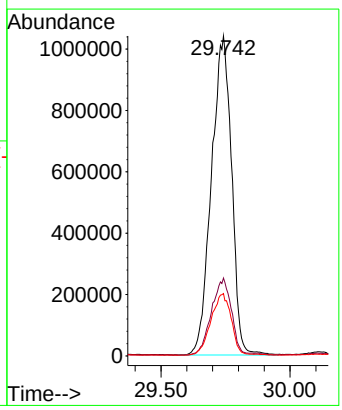




#92
Benzo(g,h,i)perylene
Concen: 54.438 ng
RT: 29.742 min Scan# 4557
Delta R.T. -0.006 min
Lab File: BP026305.D
Acq: 11 Dec 2025 23:26

Tgt Ion:276 Resp: 5642340

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.8	28.2
138	19.5	17.8	26.6



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

Manual Integration Report

Sequence:	BP111825	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC020	BP026146.D	Benzo(g,h,i)perylene	Jagrut	11/19/2025 10:52:52 AM	Sohil	11/19/2025 3:40:17 PM	Peak Integrated by Software
SSTDICC020	BP026146.D	Indeno(1,2,3-cd)pyrene	Jagrut	11/19/2025 10:52:52 AM	Sohil	11/19/2025 3:40:17 PM	Peak Integrated by Software
SSTDICCC040	BP026147.D	Indeno(1,2,3-cd)pyrene	Jagrut	11/19/2025 10:52:55 AM	Sohil	11/19/2025 3:40:19 PM	Peak Integrated by Software
SSTDICC060	BP026149.D	Indeno(1,2,3-cd)pyrene	Jagrut	11/19/2025 10:52:57 AM	Sohil	11/19/2025 3:40:20 PM	Peak Integrated by Software
SSTDICC080	BP026150.D	Indeno(1,2,3-cd)pyrene	Jagrut	11/19/2025 10:52:59 AM	Sohil	11/19/2025 3:40:22 PM	Peak Integrated by Software
SSTDICV040	BP026151.D	Indeno(1,2,3-cd)pyrene	Jagrut	11/19/2025 10:53:01 AM	Sohil	11/19/2025 3:40:24 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP121125	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP026290.D	Indeno(1,2,3-cd)pyrene	rahul	12/12/2025 10:25:38 AM	Jagrut	12/12/2025 10:58:56 AM	Peak Integrated by Software
PB170902BS	BP026292.D	Indeno(1,2,3-cd)pyrene	rahul	12/12/2025 10:25:41 AM	Jagrut	12/12/2025 10:58:59 AM	Peak Integrated by Software
Q3831-01MS	BP026304.D	Caprolactam	rahul	12/12/2025 10:25:44 AM	Jagrut	12/12/2025 10:59:04 AM	Peak Integrated by Software

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Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP111825

Review By	Jagrut	Review On	11/19/2025 10:53:24 AM				
Supervise By	Sohil	Supervise On	11/19/2025 3:40:33 PM				
SubDirectory	BP111825	HP Acquire Method	BNA_P		HP Processing Method	BP111825	

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6910,SP6911,SP6912,SP6913,SP6914,SP6915,SP6916,SP6917
CCC	SP6913
Internal Standard/PEM	S13183,10ul/1000ul sample
ICV/I.BLK	SP6928
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP026142.D	18 Nov 2025 13:45	RC/JU	Ok
2	SSTDICC2.5	BP026143.D	18 Nov 2025 14:31	RC/JU	Ok
3	SSTDICC005	BP026144.D	18 Nov 2025 15:12	RC/JU	Ok
4	SSTDICC010	BP026145.D	18 Nov 2025 15:54	RC/JU	Ok
5	SSTDICC020	BP026146.D	18 Nov 2025 16:35	RC/JU	Ok,M
6	SSTDICCC040	BP026147.D	18 Nov 2025 17:57	RC/JU	Ok,M
7	SSTDICC050	BP026148.D	18 Nov 2025 18:38	RC/JU	Ok
8	SSTDICC060	BP026149.D	18 Nov 2025 20:00	RC/JU	Ok,M
9	SSTDICC080	BP026150.D	18 Nov 2025 21:22	RC/JU	Ok,M
10	SSTDICV040	BP026151.D	18 Nov 2025 23:25	RC/JU	Ok,M
11	PB170493TB	BP026152.D	19 Nov 2025 00:06	RC/JU	Ok

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP121125

Review By	rahul	Review On	12/11/2025 4:21:02 PM				
Supervise By	Jagrut	Supervise On	12/12/2025 10:59:24 AM				
SubDirectory	BP121125	HP Acquire Method	BNA_P		HP Processing Method	BP111825	

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6910,SP6911,SP6912,SP6913,SP6914,SP6915,SP6916,SP6917
CCC	SP6913
Internal Standard/PEM	S13186,10ul/1000ul sample
ICV/I.BLK	SP6928
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP026289.D	11 Dec 2025 12:23	RC/JU	Ok
2	SSTDCCC040	BP026290.D	11 Dec 2025 13:04	RC/JU	Ok,M
3	PB170902BL	BP026291.D	11 Dec 2025 13:45	RC/JU	Ok
4	PB170902BS	BP026292.D	11 Dec 2025 14:26	RC/JU	Ok,M
5	Q3814-14	BP026293.D	11 Dec 2025 15:11	RC/JU	Ok
6	Q3814-16	BP026294.D	11 Dec 2025 15:52	RC/JU	Ok
7	Q3815-02	BP026295.D	11 Dec 2025 16:34	RC/JU	Ok
8	Q3826-02	BP026296.D	11 Dec 2025 17:15	RC/JU	Ok
9	Q3826-04	BP026297.D	11 Dec 2025 17:56	RC/JU	Ok
10	Q3826-06	BP026298.D	11 Dec 2025 18:37	RC/JU	Ok
11	Q3826-08	BP026299.D	11 Dec 2025 19:19	RC/JU	Ok
12	Q3826-10	BP026300.D	11 Dec 2025 20:00	RC/JU	Ok
13	Q3834-29	BP026301.D	11 Dec 2025 20:41	RC/JU	Ok
14	Q3834-30	BP026302.D	11 Dec 2025 21:22	RC/JU	Ok
15	Q3831-01	BP026303.D	11 Dec 2025 22:03	RC/JU	Ok,M
16	Q3831-01MS	BP026304.D	11 Dec 2025 22:44	RC/JU	Ok,M
17	Q3831-01MSD	BP026305.D	11 Dec 2025 23:26	RC/JU	Ok

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP111825

Review By	Jagrut	Review On	11/19/2025 10:53:24 AM		
Supervise By	Sohil	Supervise On	11/19/2025 3:40:33 PM		
SubDirectory	BP111825	HP Acquire Method	BNA_P	HP Processing Method	BP111825

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6910,SP6911,SP6912,SP6913,SP6914,SP6915,SP6916,SP6917
CCC	SP6913
Internal Standard/PEM	S13183,10ul/1000ul sample
ICV/I.BLK	SP6928
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP026142.D	18 Nov 2025 13:45		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BP026143.D	18 Nov 2025 14:31		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BP026144.D	18 Nov 2025 15:12		RC/JU	Ok
4	SSTDICC010	SSTDICC010	BP026145.D	18 Nov 2025 15:54		RC/JU	Ok
5	SSTDICC020	SSTDICC020	BP026146.D	18 Nov 2025 16:35		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BP026147.D	18 Nov 2025 17:57		RC/JU	Ok,M
7	SSTDICC050	SSTDICC050	BP026148.D	18 Nov 2025 18:38		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BP026149.D	18 Nov 2025 20:00		RC/JU	Ok,M
9	SSTDICC080	SSTDICC080	BP026150.D	18 Nov 2025 21:22		RC/JU	Ok,M
10	SSTDICV040	ICVBP111825	BP026151.D	18 Nov 2025 23:25		RC/JU	Ok,M
11	PB170493TB	PB170493TB	BP026152.D	19 Nov 2025 00:06		RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP121125

Review By	rahul	Review On	12/11/2025 4:21:02 PM		
Supervise By	Jagrut	Supervise On	12/12/2025 10:59:24 AM		
SubDirectory	BP121125	HP Acquire Method	BNA_P	HP Processing Method	BP111825

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6910,SP6911,SP6912,SP6913,SP6914,SP6915,SP6916,SP6917
CCC	SP6913
Internal Standard/PEM	S13186,10ul/1000ul sample
ICV/I.BLK	SP6928
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP026289.D	11 Dec 2025 12:23		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP026290.D	11 Dec 2025 13:04	Comp#54,65 fail from highside	RC/JU	Ok,M
3	PB170902BL	PB170902BL	BP026291.D	11 Dec 2025 13:45		RC/JU	Ok
4	PB170902BS	PB170902BS	BP026292.D	11 Dec 2025 14:26		RC/JU	Ok,M
5	Q3814-14	TP-10	BP026293.D	11 Dec 2025 15:11		RC/JU	Ok
6	Q3814-16	TP-4	BP026294.D	11 Dec 2025 15:52		RC/JU	Ok
7	Q3815-02	RE	BP026295.D	11 Dec 2025 16:34		RC/JU	Ok
8	Q3826-02	TP-13	BP026296.D	11 Dec 2025 17:15		RC/JU	Ok
9	Q3826-04	TP-14	BP026297.D	11 Dec 2025 17:56		RC/JU	Ok
10	Q3826-06	TP-15	BP026298.D	11 Dec 2025 18:37		RC/JU	Ok
11	Q3826-08	TP-11	BP026299.D	11 Dec 2025 19:19		RC/JU	Ok
12	Q3826-10	TP-1	BP026300.D	11 Dec 2025 20:00		RC/JU	Ok
13	Q3834-29	B127(5.5-8)120925	BP026301.D	11 Dec 2025 20:41		RC/JU	Ok
14	Q3834-30	B127(8-10)120925	BP026302.D	11 Dec 2025 21:22		RC/JU	Ok
15	Q3831-01	PL-01-12102025	BP026303.D	11 Dec 2025 22:03		RC/JU	Ok,M
16	Q3831-01MS	PL-01-12102025MS	BP026304.D	11 Dec 2025 22:44		RC/JU	Ok,M
17	Q3831-01MSD	PL-01-12102025MSD	BP026305.D	11 Dec 2025 23:26		RC/JU	Ok

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 12/11/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:20
In Date: 12/10/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:25
Out Date: 12/11/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB138184

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
Q3829-01	FED-FOOTING	1	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3831-01	PL-01-12102025	9	1.18	10.49	11.67	10.77	91.4	
Q3831-02	PL-01-12102025-E	10	1.16	10.98	12.14	10.74	87.2	
Q3831-03	PL-01-12102025-E2	11	1.18	10.74	11.92	11.04	91.8	
Q3832-01	S-1	2	1.11	10.86	11.97	10.11	82.9	
Q3832-02	S-2	3	1.15	10.36	11.51	9.84	83.9	
Q3832-03	S-3	4	1.16	10.73	11.89	10.14	83.7	
Q3832-04	S-4	5	1.19	10.55	11.74	9.96	83.1	
Q3832-05	S-5	6	1.15	10.75	11.9	10.26	84.7	
Q3832-06	S-6	7	1.18	10.64	11.82	10.14	84.2	
Q3832-07	S-7	8	1.16	10.50	11.66	9.87	83.0	
Q3834-01	B119(0-1)120925	12	1.14	10.29	11.43	9.36	79.9	
Q3834-02	B119(0-2)120925	13	1.15	10.47	11.62	9.12	76.1	
Q3834-03	B119(2-4)120925	14	1.14	10.30	11.44	9.56	81.7	
Q3834-04	B119(4-6)120925	15	1.13	10.55	11.68	7.85	63.7	
Q3834-05	B119(6-8)120925	16	1.13	10.24	11.37	7.71	64.3	
Q3834-06	B121(0-1)120925	17	1.19	10.53	11.72	7.49	59.8	
Q3834-07	B121(1-2)120925	18	1.16	10.54	11.7	8.83	72.8	
Q3834-08	B121(2-4)120925	19	1.16	10.19	11.35	8.33	70.4	
Q3834-09	B121(4-6)120925	20	1.16	11.28	12.44	7.88	59.6	
Q3834-10	B121(6-8)120925	21	1.13	10.93	12.06	8.76	69.8	
Q3834-11	B123(0-1)120925	22	1.15	10.82	11.97	10.72	88.4	
Q3834-12	B123(1-2)120925	23	1.16	10.72	11.88	10.36	85.8	
Q3834-13	B123(2-4)120925	24	1.11	10.54	11.65	9.61	80.6	
Q3834-14	B123(4-6)120925	25	1.16	11.12	12.28	9.14	71.8	
Q3834-15	B123(6-8)120925	26	1.15	10.52	11.67	8.95	74.1	
Q3834-16	B125(0-1)120925	27	1.11	10.49	11.6	9.85	83.3	
Q3834-17	B125(1-2)120925	28	1.16	10.75	11.91	9.97	82.0	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 12/11/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:20
In Date: 12/10/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:25
Out Date: 12/11/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB138184

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
Q3834-18	B125(2-4)120925	29	1.19	10.70	11.89	8.53	68.6	
Q3834-19	B125(4-6)120925	30	1.15	10.57	11.72	8.7	71.4	
Q3834-20	B125(6-8)120925	31	1.14	11.15	12.29	9.99	79.4	
Q3834-21	B128(0-1)120925	32	1.18	10.45	11.63	10.84	92.4	
Q3834-22	B128(1-2)120925	33	1.15	10.07	11.22	10.00	87.9	
Q3834-23	B128(2-4)120925	34	1.12	10.65	11.77	10.22	85.4	
Q3834-24	B128(6-8)120925	35	1.13	10.59	11.72	8.93	73.7	
Q3834-25	B128(4-6)120925	36	1.13	10.72	11.85	9.89	81.7	
Q3834-26	Q3834-25MS	37	1.13	10.72	11.85	9.89	81.7	
Q3834-27	Q3834-25MSD	38	1.13	10.72	11.85	9.89	81.7	
Q3834-28	DUP-1-120925	39	1.16	10.99	12.15	9.78	78.4	
Q3834-29	B127(5.5-8)120925	40	1.16	11.39	12.55	8.09	60.8	
Q3834-30	B127(8-10)120925	41	1.18	10.61	11.79	7.87	63.1	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

WB 138184

WorkList Name : %1-121025 **WorkList ID :** 193564 **Department :** Wet-Chemistry **Date :** 12-10-2025 08:35:17

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3829-01	FED-FOOTING	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	12/10/2025	Chemtech -SO
Q3831-01	PL-01-12102025	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	12/10/2025	Chemtech -SO
Q3831-02	PL-01-12102025-E	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	12/10/2025	Chemtech -SO
Q3831-03	PL-01-12102025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	12/10/2025	Chemtech -SO
Q3832-01	S-1	Solid	Percent Solids	Cool 4 deg C	EARTH03	D11	12/10/2025	Chemtech -SO
Q3832-02	S-2	Solid	Percent Solids	Cool 4 deg C	EARTH03	D11	12/10/2025	Chemtech -SO
Q3832-03	S-3	Solid	Percent Solids	Cool 4 deg C	EARTH03	D11	12/10/2025	Chemtech -SO
Q3832-04	S-4	Solid	Percent Solids	Cool 4 deg C	EARTH03	D11	12/10/2025	Chemtech -SO
Q3832-05	S-5	Solid	Percent Solids	Cool 4 deg C	EARTH03	D11	12/10/2025	Chemtech -SO
Q3832-06	S-6	Solid	Percent Solids	Cool 4 deg C	EARTH03	D11	12/10/2025	Chemtech -SO
Q3832-07	S-7	Solid	Percent Solids	Cool 4 deg C	EARTH03	D11	12/10/2025	Chemtech -SO
Q3834-01	B119(0-1)120925	Solid	Percent Solids	Cool 4 deg C	EARTH03	D11	12/10/2025	Chemtech -SO
Q3834-02	B119(0-2)120925	Solid	Percent Solids	Cool 4 deg C	WOOD06	D31	12/09/2025	Chemtech -SO
Q3834-03	B119(2-4)120925	Solid	Percent Solids	Cool 4 deg C	WOOD06	D31	12/09/2025	Chemtech -SO
Q3834-04	B119(4-6)120925	Solid	Percent Solids	Cool 4 deg C	WOOD06	D31	12/09/2025	Chemtech -SO
Q3834-05	B119(6-8)120925	Solid	Percent Solids	Cool 4 deg C	WOOD06	D31	12/09/2025	Chemtech -SO
Q3834-06	B121(0-1)120925	Solid	Percent Solids	Cool 4 deg C	WOOD06	D31	12/09/2025	Chemtech -SO
Q3834-07	B121(1-2)120925	Solid	Percent Solids	Cool 4 deg C	WOOD06	D31	12/09/2025	Chemtech -SO
Q3834-08	B121(2-4)120925	Solid	Percent Solids	Cool 4 deg C	WOOD06	D31	12/09/2025	Chemtech -SO
Q3834-09	B121(4-6)120925	Solid	Percent Solids	Cool 4 deg C	WOOD06	D31	12/09/2025	Chemtech -SO
Q3834-10	B121(6-8)120925	Solid	Percent Solids	Cool 4 deg C	WOOD06	D31	12/09/2025	Chemtech -SO

Date/Time 12/10/25 15:00

Raw Sample Received by: BB WDC

Raw Sample Relinquished by: JD (SM)

Date/Time 12-10-25 17:35

Raw Sample Received by: JD (SM)

Raw Sample Relinquished by: BB WDC

WORKLIST(Hardcopy Internal Chain)

VB138184

WorkList Name : %1-121025 **WorkList ID :** 193564 **Department :** Wet-Chemistry **Date :** 12-10-2025 08:35:17

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3834-11	B123(0-1)120925	Solid	Percent Solids	Cool 4 deg C	WOOD06	D31	12/09/2025	Chemtech -SO
Q3834-12	B123(1-2)120925	Solid	Percent Solids	Cool 4 deg C	WOOD06	D31	12/09/2025	Chemtech -SO
Q3834-13	B123(2-4)120925	Solid	Percent Solids	Cool 4 deg C	WOOD06	D31	12/09/2025	Chemtech -SO
Q3834-14	B123(4-6)120925	Solid	Percent Solids	Cool 4 deg C	WOOD06	D31	12/09/2025	Chemtech -SO
Q3834-15	B123(6-8)120925	Solid	Percent Solids	Cool 4 deg C	WOOD06	D31	12/09/2025	Chemtech -SO
Q3834-16	B125(0-1)120925	Solid	Percent Solids	Cool 4 deg C	WOOD06	D31	12/09/2025	Chemtech -SO
Q3834-17	B125(1-2)120925	Solid	Percent Solids	Cool 4 deg C	WOOD06	D31	12/09/2025	Chemtech -SO
Q3834-18	B125(2-4)120925	Solid	Percent Solids	Cool 4 deg C	WOOD06	D31	12/09/2025	Chemtech -SO
Q3834-19	B125(4-6)120925	Solid	Percent Solids	Cool 4 deg C	WOOD06	D31	12/09/2025	Chemtech -SO
Q3834-20	B125(6-8)120925	Solid	Percent Solids	Cool 4 deg C	WOOD06	D31	12/09/2025	Chemtech -SO
Q3834-21	B128(0-1)120925	Solid	Percent Solids	Cool 4 deg C	WOOD06	D31	12/09/2025	Chemtech -SO
Q3834-22	B128(1-2)120925	Solid	Percent Solids	Cool 4 deg C	WOOD06	D31	12/09/2025	Chemtech -SO
Q3834-23	B128(2-4)120925	Solid	Percent Solids	Cool 4 deg C	WOOD06	D31	12/09/2025	Chemtech -SO
Q3834-24	B128(6-8)120925	Solid	Percent Solids	Cool 4 deg C	WOOD06	D31	12/09/2025	Chemtech -SO
Q3834-25	B128(4-6)120925	Solid	Percent Solids	Cool 4 deg C	WOOD06	D31	12/09/2025	Chemtech -SO
Q3834-26	Q3834-25MS	Solid	Percent Solids	Cool 4 deg C	WOOD06	D31	12/09/2025	Chemtech -SO
Q3834-27	Q3834-25MSD	Solid	Percent Solids	Cool 4 deg C	WOOD06	D31	12/09/2025	Chemtech -SO
Q3834-28	DUP-1-120925	Solid	Percent Solids	Cool 4 deg C	WOOD06	D31	12/09/2025	Chemtech -SO
Q3834-29	B127(5.5-8)120925	Solid	Percent Solids	Cool 4 deg C	WOOD06	D31	12/09/2025	Chemtech -SO
Q3834-30	B127(8-10)120925	Solid	Percent Solids	Cool 4 deg C	WOOD06	D31	12/09/2025	Chemtech -SO

Date/Time 12-10-25 1510.00

Raw Sample Received by: [illegible]

Raw Sample Relinquished by: JDCSM

Date/Time 12-10-25 1713.5

Raw Sample Received by: JDCSM

Raw Sample Relinquished by: [illegible]

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB170902

SOP ID:	M3541-ASE Extraction-15				
Clean Up SOP #:	N/A			**Extraction Start Date :**	12/11/2025
Matrix :	Solid			**Extraction Start Time :**	09:04
Weigh By:	EH	**Extraction By:**	RJ	**Extraction End Date :**	12/11/2025
Balance check:	EH	**Filter By:**	RJ	**Extraction End Time :**	12:05
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	SP6937
Surrogate	1.0ML	100/150 PPM	SP6918
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	EP2659
Baked Na2SO4	N/A	EP2665
Sand	N/A	E3951
Methylene Chloride	N/A	E3986
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5ML Vial Lot # 2210443.

KD Bath ID:	N/A	**Envap ID:**	N-EVAP-02
KD Bath Temperature:	N/A	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
12/11/25	RS (Ext lab)	Rel SVOC
12:10	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170902

Analytical Method: M3541-ASE Extraction-15 **Concentration Date:** 12/11/2025

Sample ID	Client Sample ID	Test	(g)/ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170902BL	SBLK902	SVOC-TCL BNA -20	30.01	N/A	ritesh	Evelyn	1			U6-1
PB170902BS	SLCS902	SVOC-TCL BNA -20	30.03	N/A	ritesh	Evelyn	1			2
Q3829-01	FED-FOOTING	SVOC-PAH	50.08	N/A	ritesh	Evelyn	1	B	Concrete	3
Q3831-01	PL-01-12102025	SVOC-TCL BNA -20	50.03	N/A	ritesh	Evelyn	1	E		4
Q3831-01MS	PL-01-12102025MS	SVOC-TCL BNA -20	50.04	N/A	ritesh	Evelyn	1	E		5
Q3831-01MSD	PL-01-12102025MSD	SVOC-TCL BNA -20	50.07	N/A	ritesh	Evelyn	1	E		6
Q3834-29	B127(5.5-8)120925	SVOC-TCL BNA -20	30.03	N/A	ritesh	Evelyn	1	E		U1-1
Q3834-30	B127(8-10)120925	SVOC-TCL BNA -20	30.05	N/A	ritesh	Evelyn	1	E		2

RS 12/11

* **Extracts relinguished on the same date as received.**

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3829BN **WorkList ID :** 193586 **Department :** Extraction **Date :** 12-11-2025 08:30:25

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3829-01	FED-FOOTING	Solid	SVOC-PAH	Cool 4 deg C	PSEG03	D41	12/10/2025	8270E
Q3831-01	PL-01-12102025	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	D31	12/10/2025	8270E
Q3834-29	B127(5.5-8)120925	Solid	SVOC-TCL BNA -20	Cool 4 deg C	WOOD06	D31	12/09/2025	8270E
Q3834-30	B127(8-10)120925	Solid	SVOC-TCL BNA -20	Cool 4 deg C	WOOD06	D31	12/09/2025	8270E

Date/Time 12/11/25 9:00
Raw Sample Received by: RJ (EX-Lab)
Raw Sample Relinquished by: AP SM

Date/Time 12/11/25 9:15
Raw Sample Received by: AP SM
Raw Sample Relinquished by: RJ (EX-Lab)

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

Prep Standard - Chemical Standard Summary

Order ID : Q3834

Test : SVOC-TCL BNA -20

Prepbatch ID : PB170902,

Sequence ID/Qc Batch ID: BG121125,bg121125,Bp121125,

Standard ID :
EP2659,EP2665,SP6856,SP6860,SP6875,SP6909,SP6910,SP6911,SP6912,SP6913,SP6914,SP6915,SP6916,SP6917,SP6918,SP6927,SP6928,SP6937,

Chemical ID :
10ul/1000ul sample,E3875,E3951,E3954,E3973,E3980,E3982,E3986,E3987,S11485,S11653,S11791,S11807,S12197,S12201,S12202,S12203,S12204,S12220,S12245,S12246,S12306,S12307,S12309,S12564,S12565,S12566,S12567,S12568,S12577,S12739,S12740,S12776,S12777,S12905,S12906,S12907,S12908,S12909,S13122,S13123,S13124,S13125,S13126,S13150,S13161,S13170,S13182,S13183,S13186,S13202,S13207,S13214,S13215,S13232,S13233,S13249,S13250,S13251,S13252,S13253,S13254,S13255,S13256,S13257,S13270,S13271,S13272,S13299,S13300,S13301,S13302,S13303,S13304,S13305,S13306,S13307,

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Extractions STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
2017	1:1 ACETONE/METHYLENE CHLORIDE	EP2659	11/03/2025	04/16/2026	RUPESHKUMAR SHAH	None	None	Riteshkumar Patel 11/03/2025

FROM 8000.00000ml of E3980 + 8000.00000ml of E3982 = Final Quantity: 16000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3923	Baked Sodium Sulfate	EP2665	12/05/2025	06/05/2026	RUPESHKUMAR SHAH	Extraction_SCALE_2 (EX-SC-2)	None	Riteshkumar Patel 12/05/2025

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
4219	40ng ICC	SP6860	08/12/2025	12/16/2025	Jagrut Upadhyay	None	None	mohammad ahmed 08/22/2025

FROM 0.01000ml of S13170 + 0.60000ml of E3954 + 0.40000ml of SP6856 = Final Quantity: 1.010 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3895	50 ug/ml DFTPP 8270E	SP6875	09/30/2025	03/30/2026	Rahul Chavli	None	None	Jagrut Upadhyay 09/30/2025

FROM 1.00000ml of S12577 + 19.00000ml of E3973 = Final Quantity: 20.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4215	New 8270E/625.1 ICAL Stock Solution 100 ng	SP6909	11/11/2025	01/31/2026	Jagrut Upadhyay	None	None	mohammad ahmed 11/13/2025

FROM 0.04000ml of S13207 + 0.05000ml of S13232 + 0.15000ml of S13214 + 0.20000ml of S12201 + 0.35000ml of S13215 + 0.40000ml of S12905 + 0.45000ml of S13233 + 0.50000ml of S12246 + 0.50000ml of S12777 + 0.50000ml of S13122 + 1.00000ml of S12309 + 1.00000ml of S12740 + 4.86000ml of E3980 = Final Quantity: 10.000 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4216	80ng ICC	SP6910	11/11/2025	01/31/2026	Jagrut Upadhyay	None	None	mohammad ahmed 11/13/2025

FROM 0.01000ml of S13182 + 0.20000ml of E3980 + 0.80000ml of SP6909 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4217	60ng ICC	SP6911	11/11/2025	01/31/2026	Jagrut Upadhyay	None	None	mohammad ahmed 11/13/2025

FROM 0.01000ml of S13182 + 0.40000ml of E3980 + 0.60000ml of SP6909 = 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
4222	5ng ICC	SP6912	11/11/2025	12/16/2025	Jagrut Upadhyay	None	None	mohammad ahmed 11/13/2025

FROM 0.01000ml of S13182 + 0.87500ml of E3980 + 0.12500ml of SP6860 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4219	40ng ICC	SP6913	11/11/2025	01/31/2026	Jagrut Upadhyay	None	None	mohammad ahmed 11/13/2025

FROM 0.01000ml of S13182 + 0.60000ml of E3980 + 0.40000ml of SP6909 = 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
4220	20ng ICC	SP6914	11/11/2025	01/31/2026	Jagrut Upadhyay	None	None	mohammad ahmed 11/13/2025

FROM 0.01000ml of S13182 + 0.80000ml of E3980 + 0.20000ml of SP6909 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4221	10ng ICC	SP6915	11/11/2025	01/31/2026	Jagrut Upadhyay	None	None	mohammad ahmed 11/13/2025

FROM 0.01000ml of S13182 + 0.75000ml of E3980 + 0.25000ml of SP6913 = 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
4222	5ng ICC	SP6916	11/11/2025	01/31/2026	Jagrut Upadhyay	None	None	mohammad ahmed 11/13/2025

FROM 0.01000ml of S13182 + 0.87500ml of E3980 + 0.12500ml of SP6913 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4223	2.5ng ICC	SP6917	11/11/2025	01/31/2026	Jagrut Upadhyay	None	None	mohammad ahmed 11/13/2025

FROM 0.01000ml of S13182 + 0.50000ml of E3980 + 0.50000ml of SP6916 = 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
19	8270/CLP Surrogate Solution, 100 PPM BN/150 PPM ACID	SP6918	11/13/2025	03/22/2026	Jagrut Upadhyay	None	None	mohammad ahmed 11/13/2025

FROM 1.50000ml of S12905 + 2.00000ml of S12909 + 4.00000ml of S12201 + 5.50000ml of S12202 + 5.50000ml of S12203 + 5.50000ml of S12906 + 5.50000ml of S12907 + 5.50000ml of S12908 + 965.00000ml of E3982 = 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)	SP6927	11/18/2025	04/16/2026	Jagrut Upadhyay	None	None	Sohil Jodhani 12/08/2025

FROM 0.04000ml of S12204 + 0.08000ml of S12909 + 0.10000ml of S11791 + 0.20000ml of S12564 + 0.20000ml of S13249 + 0.20000ml of S13299 + 1.18000ml of E3986 = 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	SP6928	11/18/2025	04/16/2026	Jagrut Upadhyay	None	None	Sohil Jodhani 12/08/2025

FROM 0.01000ml of S13183 + 0.60000ml of E3986 + 0.40000ml of SP6927 = 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	SP6937	12/01/2025	04/16/2026	Jagrut Upadhyay	None	None	Sohil Jodhani 12/08/2025

FROM 0.30000ml of S13299 + 0.40000ml of S11485 + 0.40000ml of S11653 + 0.40000ml of S13150 + 0.40000ml of S13161 + 0.40000ml of S13202 + 0.50000ml of S11791 + 0.60000ml of S13123 + 0.60000ml of S13307 + 0.90000ml of S12564 + 0.90000ml of S13257 + 1.30000ml of S12565 + 1.30000ml of S12566 + 1.30000ml of S12567 + 1.30000ml of S12568 + 1.30000ml of S13124 + 1.30000ml of S13125 + 1.30000ml of S13126 + 1.30000ml of S13250 + 1.30000ml of S13251 + 1.30000ml of S13252 + 1.30000ml of S13253 + 1.30000ml of S13254 + 1.30000ml of S13255 + 1.30000ml of S13256 + 1.30000ml of S13270 + 1.30000ml of S13271 + 1.30000ml of S13272 + 1.30000ml of S13300 + 1.30000ml of S13301 + 1.30000ml of S13302 + 1.30000ml of S13303 + 1.30000ml of S13304 + 1.30000ml of S13305 + 1.30000ml of S13306 + 163.00000ml of E3987 = Final Quantity: 200.000 ml

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	PC19631-100 / SODIUM SULFATE, ANHYDROUS, PEST GRADE, 1	417203	07/28/2026	07/28/2025 / RUPESH	01/29/2025 / Rajesh	E3875

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-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-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 #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24L1062001	10/04/2027	10/31/2025 / RUPESH	10/31/2025 / RUPESH	E3982

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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	11/14/2025 / RUPESH	11/05/2025 / RUPESH	E3986

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)	24L1062001	05/16/2026	11/17/2025 / RUPESH	11/12/2025 / RUPESH	E3987

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	04/16/2026	10/16/2025 / Jagrut	08/10/2023 / yogesh	S11485

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	06/01/2026	12/01/2025 / Jagrut	11/09/2023 / Yogesh	S11653

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	A0196453	05/18/2026	11/18/2025 / Jagrut	11/21/2023 / Rahul	S11791

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	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	03/22/2026	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	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0206206	05/13/2026	11/13/2025 / Jagrut	03/15/2024 / Rahul	S12202

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	05/13/2026	11/13/2025 / Jagrut	03/15/2024 / Rahul	S12203

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	05/18/2026	11/18/2025 / Jagrut	03/15/2024 / Rahul	S12204

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	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	30409 / Pyridine, 2000 PPM in P & T Methanol	A0206650	04/08/2026	10/08/2025 / Jagrut	05/14/2024 / Rahul	S12246

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	31902 / CLP/SVOA Additions Mix (Atrazine, Benzaldehyde, Caprolactam) 1000ug/mL	A0206859	01/31/2026	11/07/2025 / Jagrut	05/30/2024 / Rahul	S12309

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	07/31/2026	11/17/2025 / Jagrut	07/23/2024 / RAHUL	S12564

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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	06/01/2026	12/01/2025 / Jagrut	07/23/2024 / RAHUL	S12565

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	06/01/2026	12/01/2025 / Jagrut	07/23/2024 / RAHUL	S12566

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	06/01/2026	12/01/2025 / Jagrut	07/23/2024 / RAHUL	S12567

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	06/01/2026	12/01/2025 / Jagrut	07/23/2024 / RAHUL	S12568

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

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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	02/28/2026	11/07/2025 / Jagrut	10/08/2024 / anahy	S12740

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	90494 / 1-Methylnaphthalene, 2000 ug/mL, in methylene chloride	061323	02/12/2026	08/12/2025 / Jagrut	11/08/2024 / anahy	S12776

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	90494 / 1-Methylnaphthalene, 2000 ug/mL, in methylene chloride	061323	04/08/2026	10/08/2025 / Jagrut	11/08/2024 / anahy	S12777

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	31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml	A0216785	05/13/2026	11/13/2025 / Jagrut	12/09/2024 / anahy	S12906

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	05/13/2026	11/13/2025 / Jagrut	12/09/2024 / anahy	S12907

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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	A0216785	05/13/2026	11/13/2025 / Jagrut	12/09/2024 / anahy	S12908

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	05/13/2026	11/13/2025 / Jagrut	12/09/2024 / anahy	S12909

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	04/16/2026	10/16/2025 / Jagrut	05/20/2025 / Rahul	S13122

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	05/17/2026	11/17/2025 / Jagrut	05/20/2025 / Rahul	S13123

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	06/01/2026	12/01/2025 / Jagrut	05/20/2025 / Rahul	S13124

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	06/01/2026	12/01/2025 / Jagrut	05/20/2025 / Rahul	S13125

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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	A0218894	06/01/2026	12/01/2025 / Jagrut	05/20/2025 / Rahul	S13126

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	06/01/2026	12/01/2025 / Jagrut	11/13/2023 / Rahul	S13150

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	06/01/2026	12/01/2025 / Jagrut	06/04/2025 / Rahul	S13161

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH2Cl2, 1mL	A0224359	02/11/2026	08/11/2025 / Rahul	06/02/2025 / anahy	S13170

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH2Cl2, 1mL	A0224359	05/07/2026	11/07/2025 / rahul	06/02/2025 / anahy	S13182

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	05/13/2026	11/13/2025 / rahul	06/02/2025 / anahy	S13183

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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	06/11/2026	12/11/2025 / rahul	06/02/2025 / anahy	S13186

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	06/01/2026	12/01/2025 / Jagrut	06/11/2025 / anahy	S13202

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	31879 / Benzoic Acid, 2000 µg/mL, Methylene Chloride, 1 mL/ampul	A0221395	05/07/2026	11/07/2025 / Jagrut	07/10/2025 / anahy	S13215

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	05/07/2026	11/07/2025 / Jagrut	08/01/2025 / Rahul	S13232

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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	04/27/2026	10/27/2025 / Jagrut	08/06/2025 / Rahul	S13249

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	08/31/2027	12/01/2025 / Jagrut	08/06/2025 / Rahul	S13250

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	06/01/2026	12/01/2025 / Jagrut	08/06/2025 / Rahul	S13251

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	06/01/2026	12/01/2025 / Jagrut	08/06/2025 / Rahul	S13252

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	06/01/2026	12/01/2025 / Jagrut	08/06/2025 / Rahul	S13253

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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	06/01/2026	12/01/2025 / Jagrut	08/06/2025 / Rahul	S13254

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	06/01/2026	12/01/2025 / Jagrut	08/06/2025 / Rahul	S13255

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	06/01/2026	12/01/2025 / Jagrut	08/06/2025 / Rahul	S13256

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	06/01/2026	12/01/2025 / Jagrut	08/06/2025 / Rahul	S13257

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	06/01/2026	12/01/2025 / Jagrut	08/06/2025 / Rahul	S13270

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	06/01/2026	12/01/2025 / Jagrut	08/06/2025 / Rahul	S13271

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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	06/01/2026	12/01/2025 / Jagrut	08/06/2025 / Rahul	S13272

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]	A0229652	04/27/2026	10/27/2025 / Jagrut	10/15/2025 / rahul	S13299

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]	A0229652	06/01/2026	12/01/2025 / Jagrut	10/15/2025 / rahul	S13300

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]	A0229652	06/01/2026	12/01/2025 / Jagrut	10/15/2025 / rahul	S13301

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]	A0229652	06/01/2026	12/01/2025 / Jagrut	10/15/2025 / rahul	S13302

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]	A0229652	06/01/2026	12/01/2025 / Jagrut	10/15/2025 / rahul	S13303

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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]	A0229652	06/01/2026	12/01/2025 / Jagrut	10/15/2025 / rahul	S13304

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]	A0229652	06/01/2026	12/01/2025 / Jagrut	10/15/2025 / rahul	S13305

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]	A0229652	06/01/2026	12/01/2025 / Jagrut	10/15/2025 / rahul	S13306

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]	A0229652	06/01/2026	12/01/2025 / Jagrut	10/15/2025 / rahul	S13307

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.

E 3875

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

JCroak

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)

avantor | J.T.Baker

Material No.: 9266-A4
Batch No.: 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

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9254-03
Batch No.: 24L1062001
Manufactured Date: 2024-10-04
Expiration Date:2027-10-04
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	99.7 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.3 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.1
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	0.3 %
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

Received on 10/29/25

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E3982

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)

avantor™ | J.T.Baker

Material No.: 9266-A4
Batch No.: 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

Received on 11/5/25

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E3986

J Croak

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.: 24L1062001
Manufactured Date: 2024-10-04
Expiration Date:2027-10-04
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	99.7 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.3 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.1
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	0.3 %
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

Recieved on 11/12/25

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E3987

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials, LLC

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

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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.

S11484 ↓ S11493 Y.P. 08/10/23

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

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.

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31853 **Lot No.:** A0196453

Description : 1,4-dioxane

1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 31, 2028 **Storage:** 0°C or colder

Ship: Ambient

S11749 ↓ S11794 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	SHBN3770	99%	2,013.0 µg/mL	+/- 25.0521

* 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.)

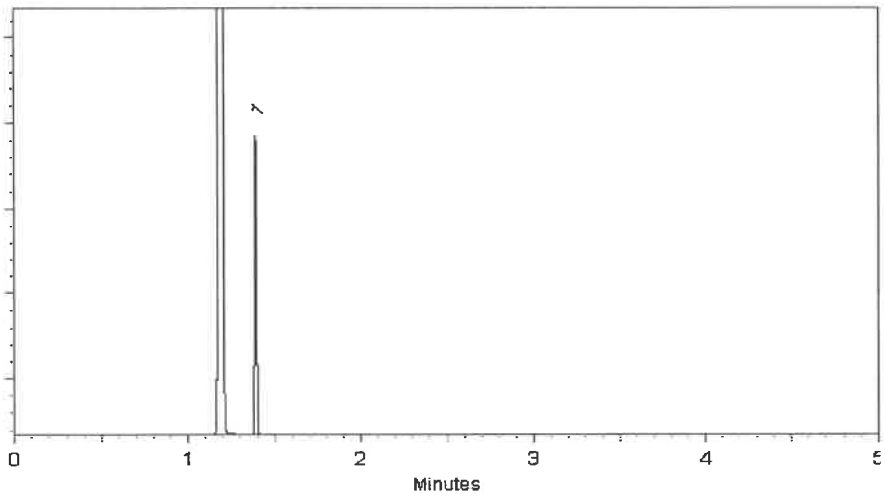
Inj. Temp:
250°C

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.

Sam Moodler - Operations Tech I

Date Mixed: 30-Mar-2023 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 31-Mar-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.

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED
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Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31853 **Lot No.:** A0200655

Description : 1,4-dioxane

1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2028 **Storage:** 0°C or colder

Ship: Ambient

S11795 ↓ S11808 RC 11/30/23

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dioxane	123-91-1	SHBQ1693	99%	2,007.0 µg/mL	+/- 24.9775

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

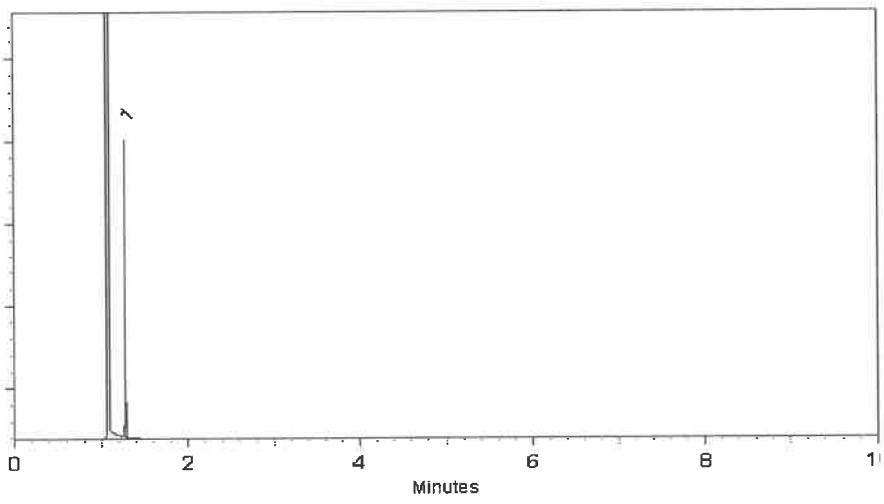
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

Date Mixed: 06-Aug-2023 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 08-Aug-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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Certificate of Analysis

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Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31087 **Lot No.:** A0206206

Description : Acid Surrogate Mix (4/89 SOW)

Acid Surrogate 10, 000µg/mL, Methanol, 5mL/ampul

S12187 ↓ S12206 } RC/ 03/18/24

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.)

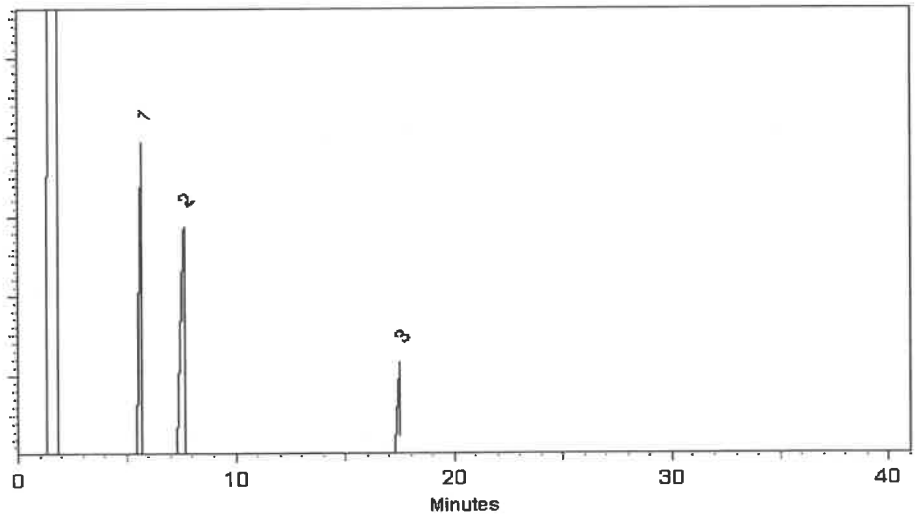
Inj. Temp:
250°C

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. : 31087 **Lot No.:** A0206206

Description : Acid Surrogate Mix (4/89 SOW)

Acid Surrogate 10, 000µg/mL, Methanol, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : January 31, 2032 **Storage:** 10°C or colder

Ship: Ambient

S12187 ↓ S12206 } RC/ 03/18/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Fluorophenol	367-12-4	STBK1705	99%	10,005.3 µg/mL	+/- 302.5390
2	Phenol-d6	13127-88-3	PR-33287A	99%	10,005.5 µg/mL	+/- 302.5475
3	2,4,6-Tribromophenol	118-79-6	RP230831RSR	99%	10,006.6 µg/mL	+/- 302.5783

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

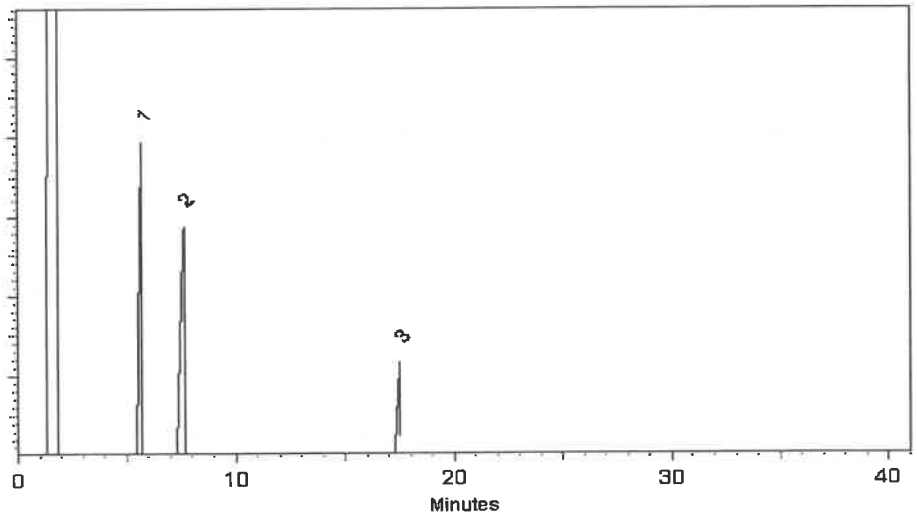
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

Date Mixed: 04-Jan-2024 **Balance Serial #** 1128360905

Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 08-Jan-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31087 **Lot No.:** A0206206

Description : Acid Surrogate Mix (4/89 SOW)

Acid Surrogate 10, 000µg/mL, Methanol, 5mL/ampul

S12187 ↓ S12206 } RC/ 03/18/24

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.)

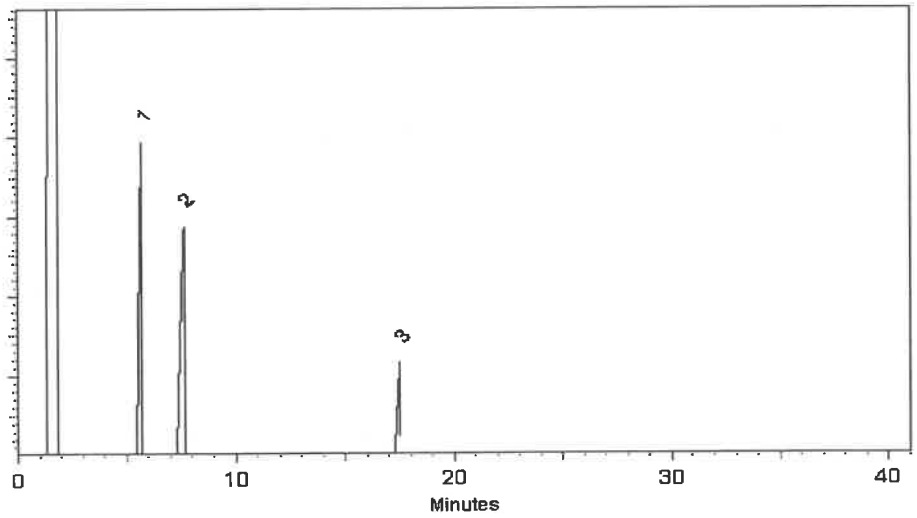
Inj. Temp:
250°C

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. : 31087 **Lot No.:** A0206206

Description : Acid Surrogate Mix (4/89 SOW)

Acid Surrogate 10, 000µg/mL, Methanol, 5mL/ampul

S12187 ↓ S12206 } RC/ 03/18/24

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : January 31, 2032 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Fluorophenol	367-12-4	STBK1705	99%	10,005.3 µg/mL	+/- 302.5390
2	Phenol-d6	13127-88-3	PR-33287A	99%	10,005.5 µg/mL	+/- 302.5475
3	2,4,6-Tribromophenol	118-79-6	RP230831RSR	99%	10,006.6 µg/mL	+/- 302.5783

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

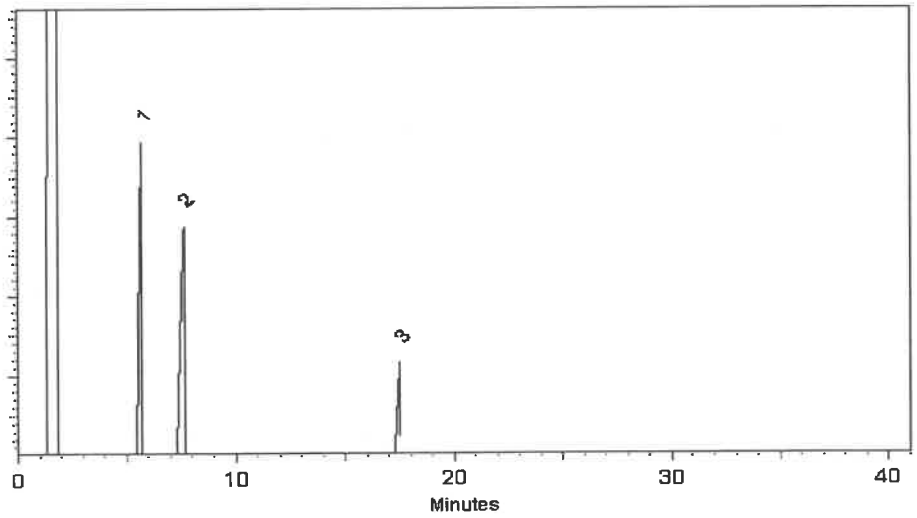
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

Date Mixed: 04-Jan-2024 **Balance Serial #** 1128360905

Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 08-Jan-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31087 **Lot No.:** A0206206

Description : Acid Surrogate Mix (4/89 SOW)

Acid Surrogate 10, 000µg/mL, Methanol, 5mL/ampul

S12187 ↓ S12206 } RC/ 03/18/24

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : January 31, 2032 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Fluorophenol	367-12-4	STBK1705	99%	10,005.3 µg/mL	+/- 302.5390
2	Phenol-d6	13127-88-3	PR-33287A	99%	10,005.5 µg/mL	+/- 302.5475
3	2,4,6-Tribromophenol	118-79-6	RP230831RSR	99%	10,006.6 µg/mL	+/- 302.5783

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

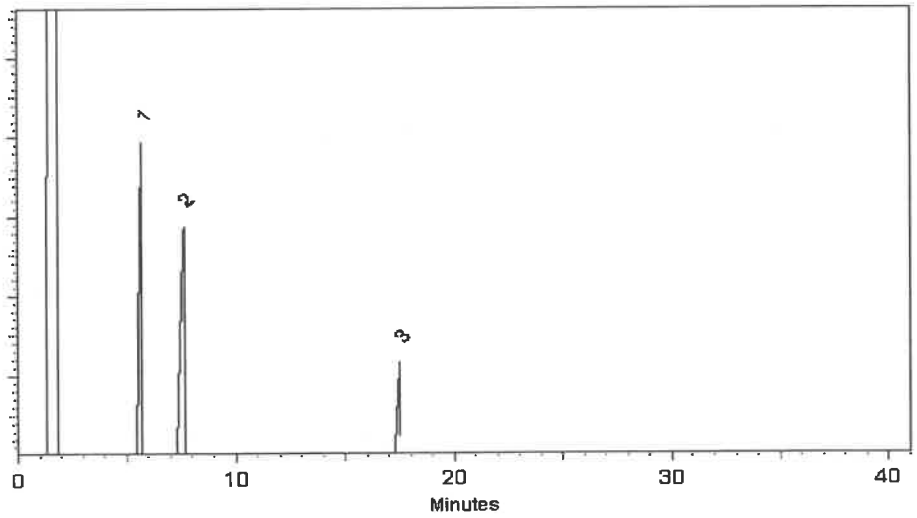
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

Date Mixed: 04-Jan-2024 **Balance Serial #** 1128360905

Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 08-Jan-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31086 **Lot No.:** A0206381

Description : B/N Surrogate Mix (4/89 SOW)

Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul

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

S12207 ↓ S12221 RC/ 03/18/24

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.)

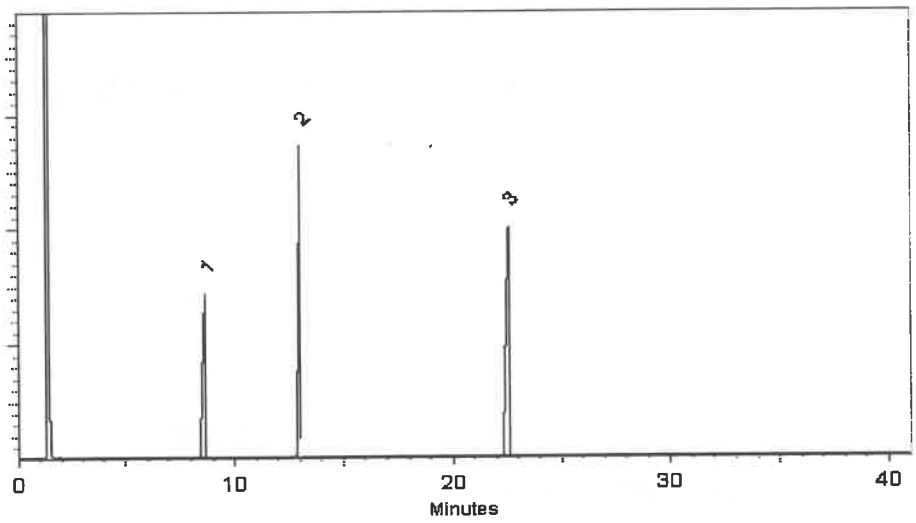
Inj. Temp:
250°C

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.)

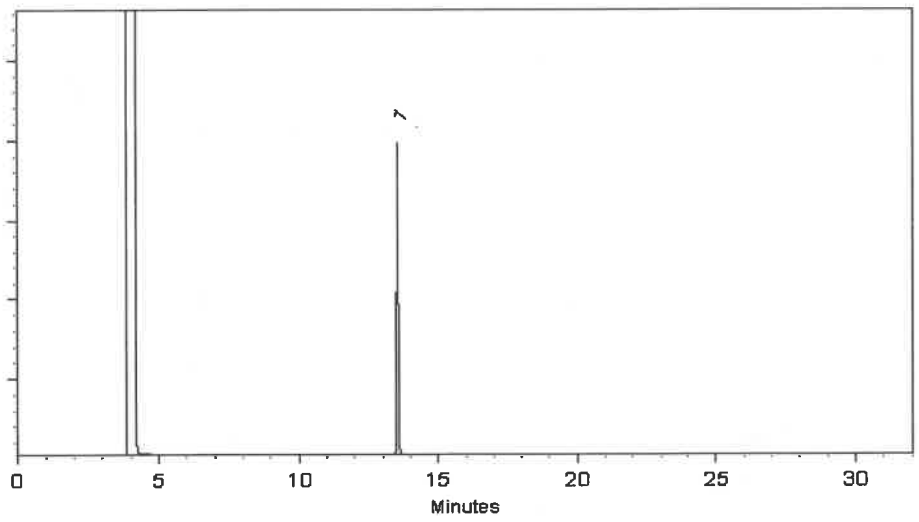
Inj. Temp:
200°C

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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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.)

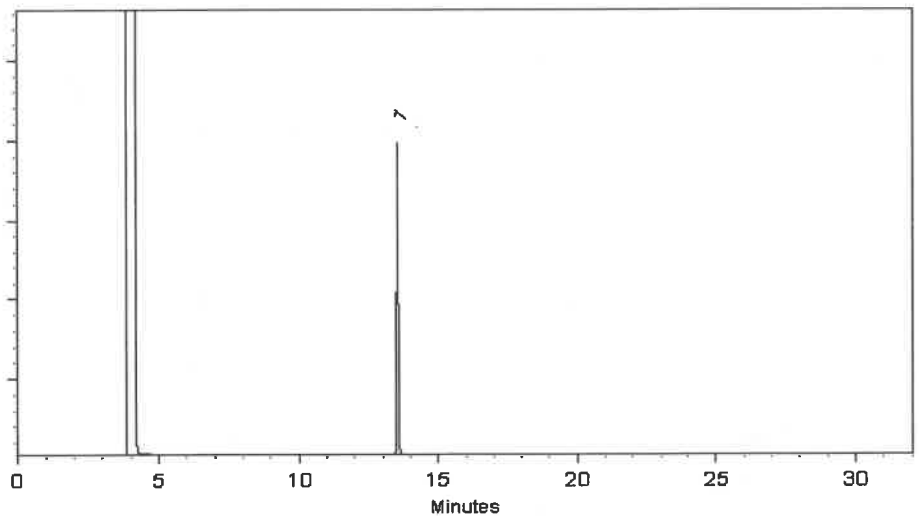
Inj. Temp:
200°C

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.)

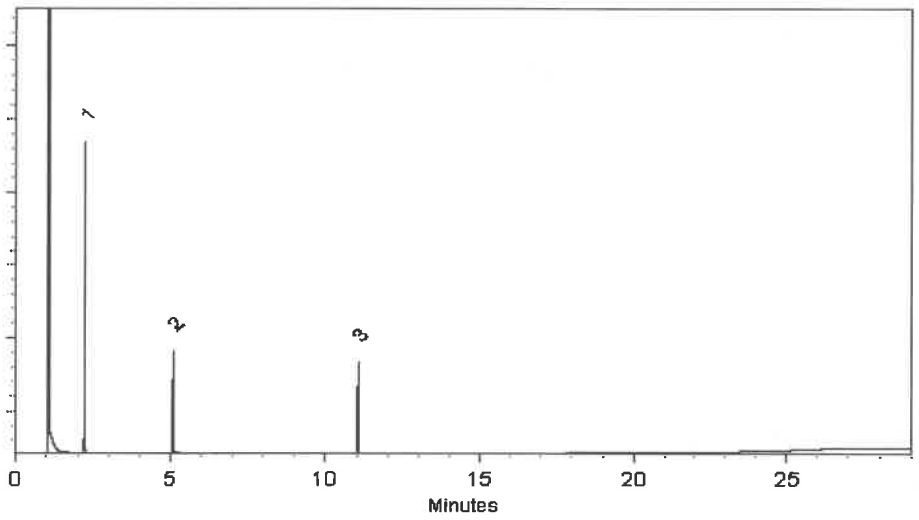
Inj. Temp:
250°C

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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Fax: 1-814-353-1309

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chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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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.)

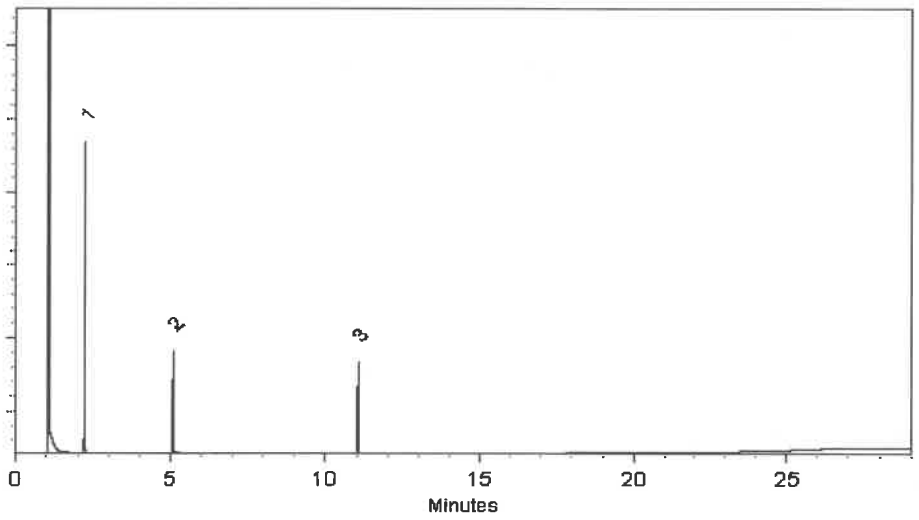
Inj. Temp:
250°C

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

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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.)

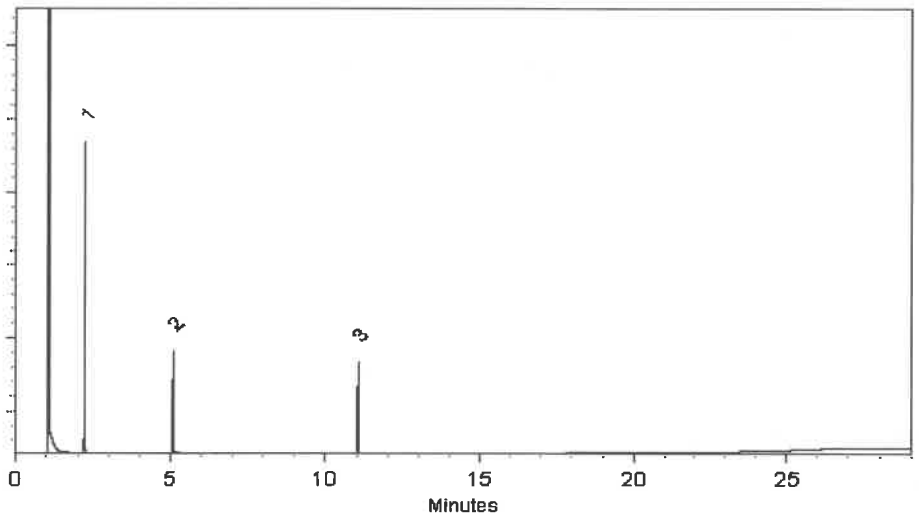
Inj. Temp:
250°C

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

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555224 **Lot No.:** A0214017

Description : Custom 8270 Plus Standard #2

Custom 8270 Plus Standard #2 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2,4,5-Tetrachlorobenzene	95-94-3	MKCT9480	99%	1,005.0 µg/mL	+/- 29.541899
2	Acetophenone	98-86-2	STBH8205	99%	1,005.0 µg/mL	+/- 29.541899
3	Benzaldehyde	100-52-7	RD231129RSRA	99%	1,008.0 µg/mL	+/- 29.630084
4	Benzoic acid	65-85-0	MKCR2694	99%	1,010.0 µg/mL	+/- 29.688874
5	Biphenyl	92-52-4	MKCS5928	99%	1,008.0 µg/mL	+/- 29.630084

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12509 ↓ S12568 } RC/ 7/24/24

Jess Hoy - Operations Tech I

Date Mixed: 18-Jul-2024 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- 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. : 555224 **Lot No.:** A0214017

Description : Custom 8270 Plus Standard #2

Custom 8270 Plus Standard #2 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2,4,5-Tetrachlorobenzene	95-94-3	MKCT9480	99%	1,005.0 µg/mL	+/- 29.541899
2	Acetophenone	98-86-2	STBH8205	99%	1,005.0 µg/mL	+/- 29.541899
3	Benzaldehyde	100-52-7	RD231129RSRA	99%	1,008.0 µg/mL	+/- 29.630084
4	Benzoic acid	65-85-0	MKCR2694	99%	1,010.0 µg/mL	+/- 29.688874
5	Biphenyl	92-52-4	MKCS5928	99%	1,008.0 µg/mL	+/- 29.630084

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12509 ↓ S12568 } RC/ 7/24/24

Jess Hoy - Operations Tech I

Date Mixed: 18-Jul-2024 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
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Purity 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:

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  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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Catalog No. : 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

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  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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Catalog No. : 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

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- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

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  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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Catalog No. : 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:

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Purity Notes:

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- 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:

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  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- 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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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. : 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.)

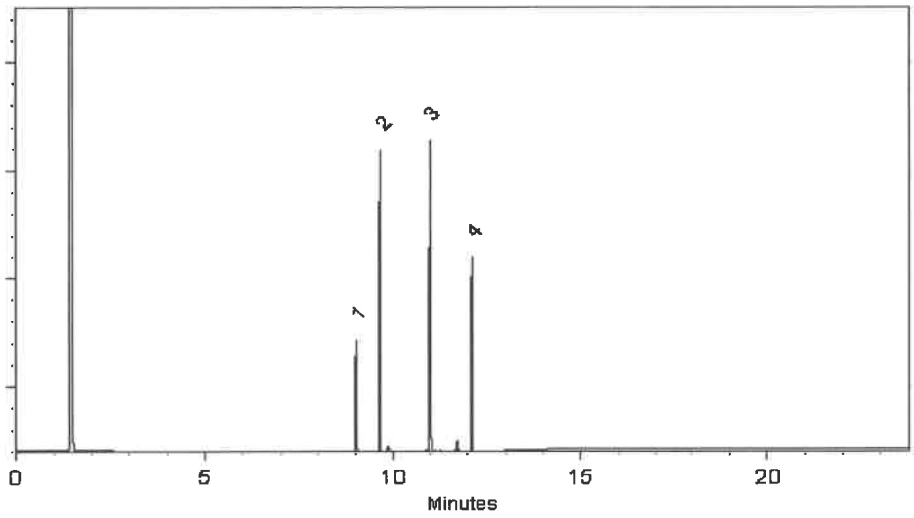
Inj. Temp:
250°C

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

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

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.

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Bellefonte, PA 16823-8812
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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

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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.
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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

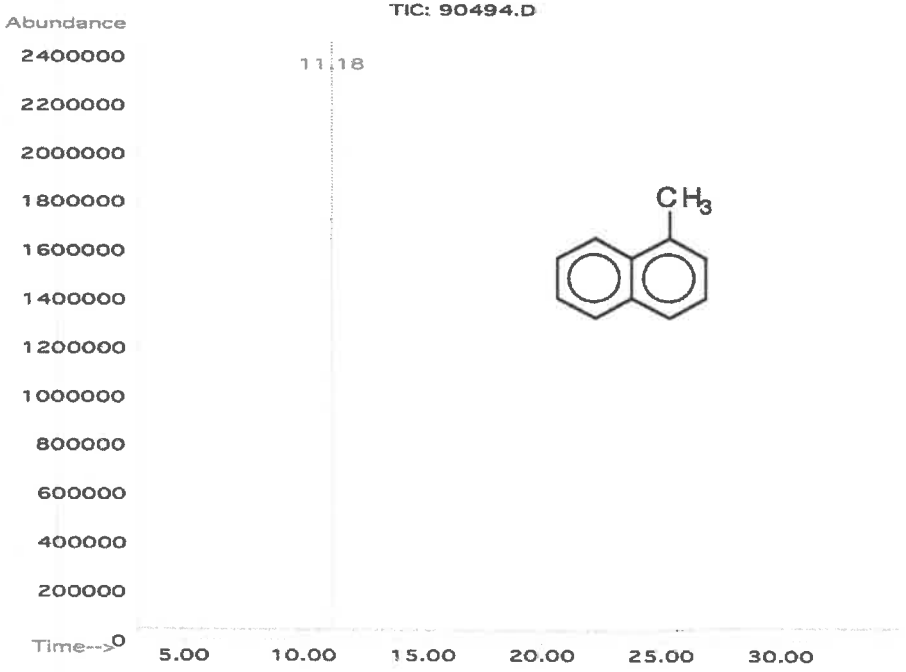
Solvent(s): **Lot#**
Methylene chloride C21F09CAS0000DCM

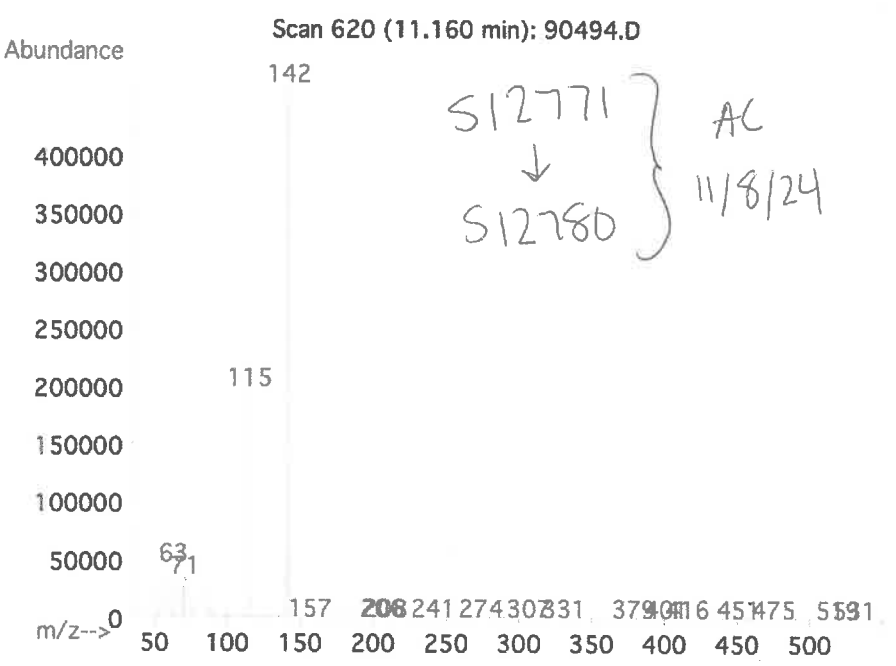
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 100.0 0.031 Flask Uncertainty

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 certifed (+/-) 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).

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

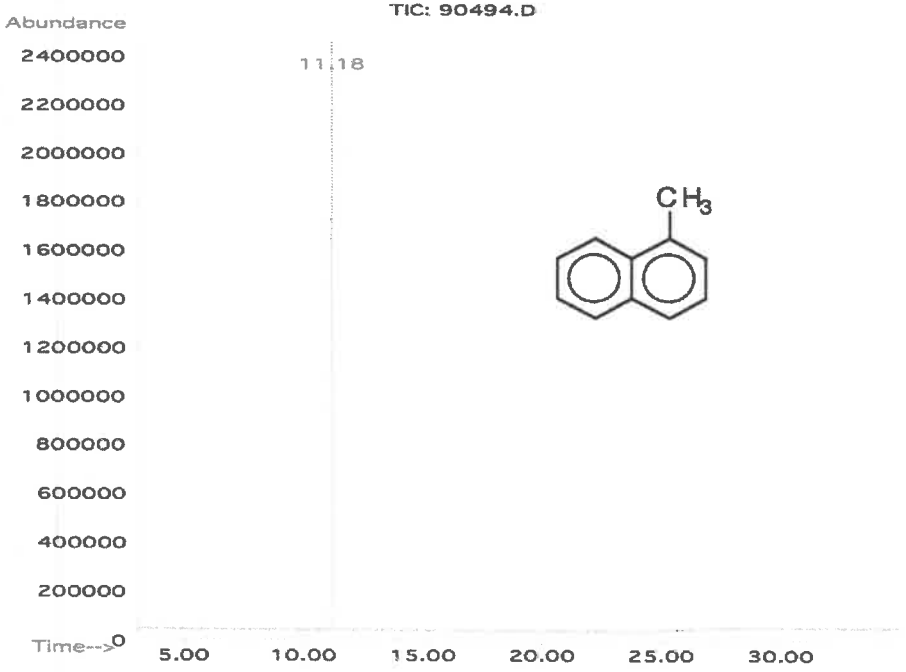
Solvent(s): **Lot#**
Methylene chloride C21F09CAS0000DCM

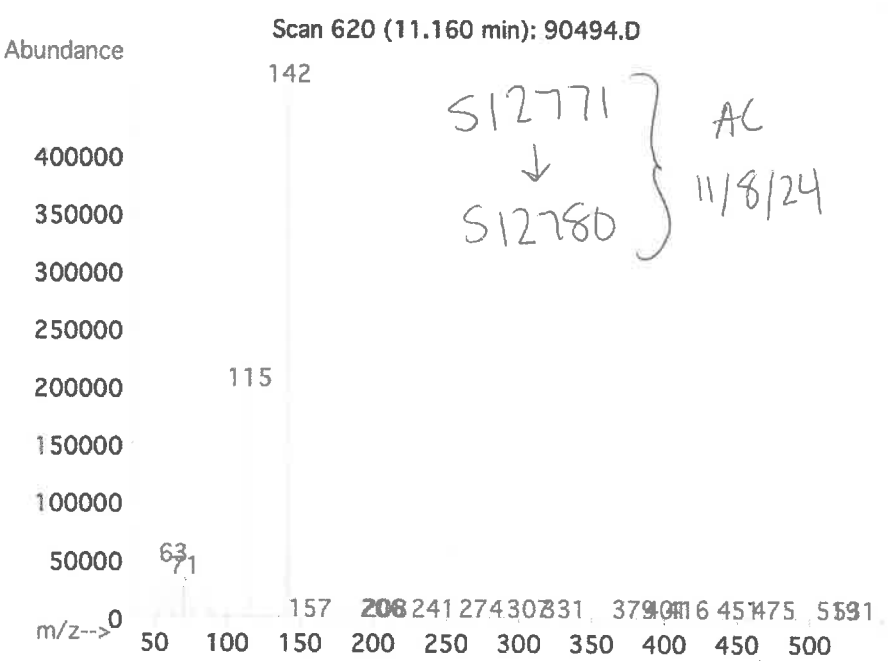
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 100.0 0.031 Flask Uncertainty

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 certifed (+/-) 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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Fax: 1-814-353-1309

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ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31853 **Lot No.:** 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.)

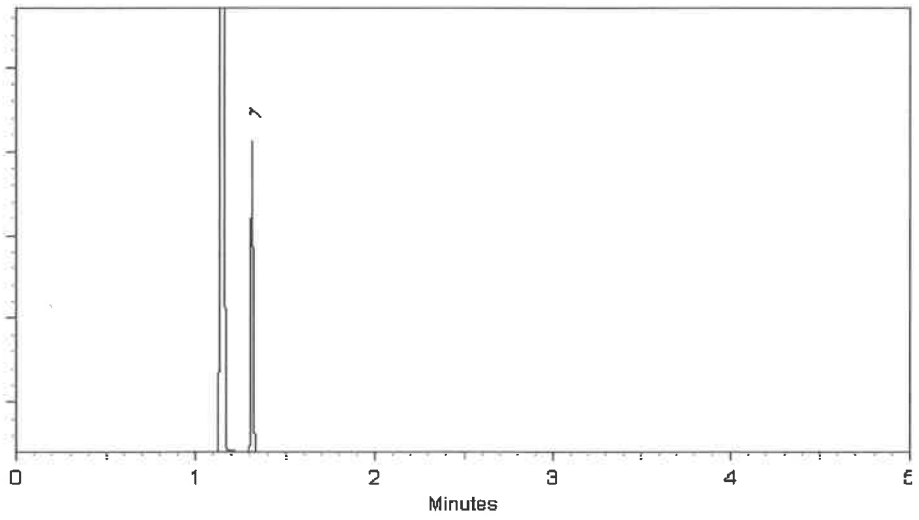
Inj. Temp:
250°C

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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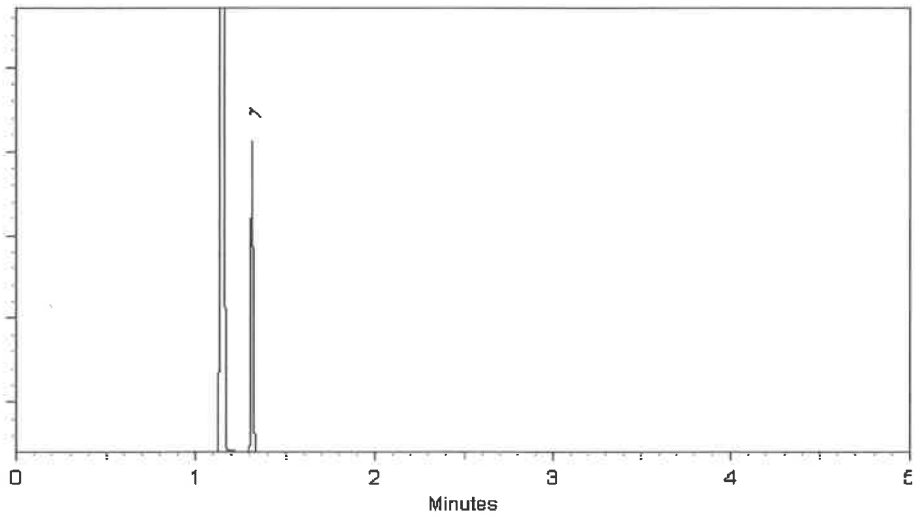
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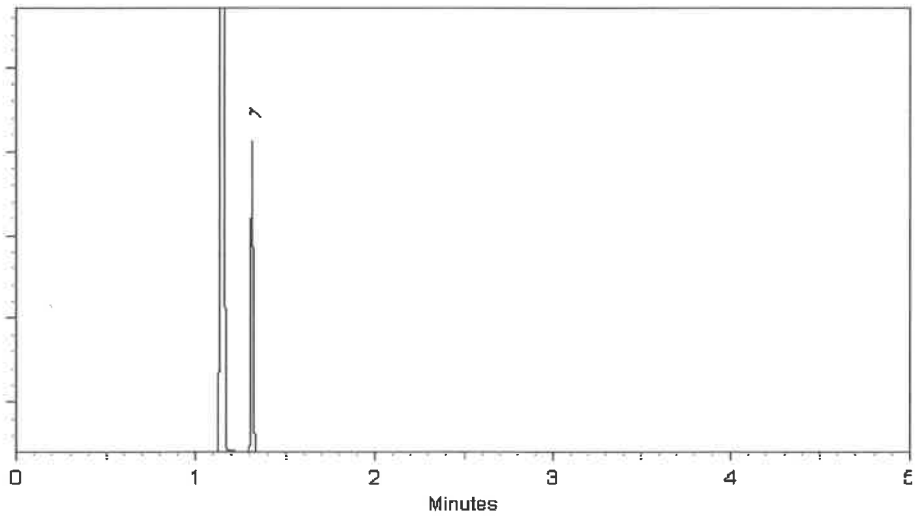
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Ship: Ambient

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Solvent: Methylene chloride
CAS # 75-09-2
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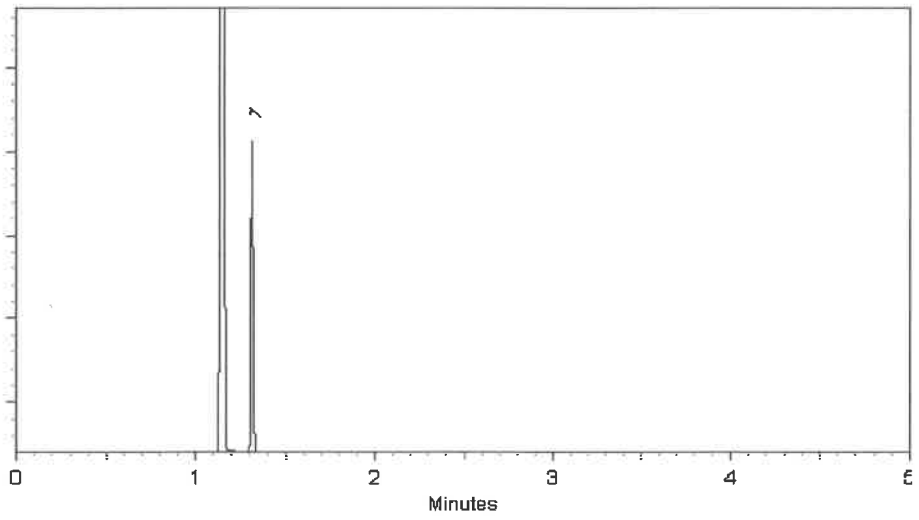
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Dillan Murphy - Operations Technician I

Date Passed: 11-Nov-2024

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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:
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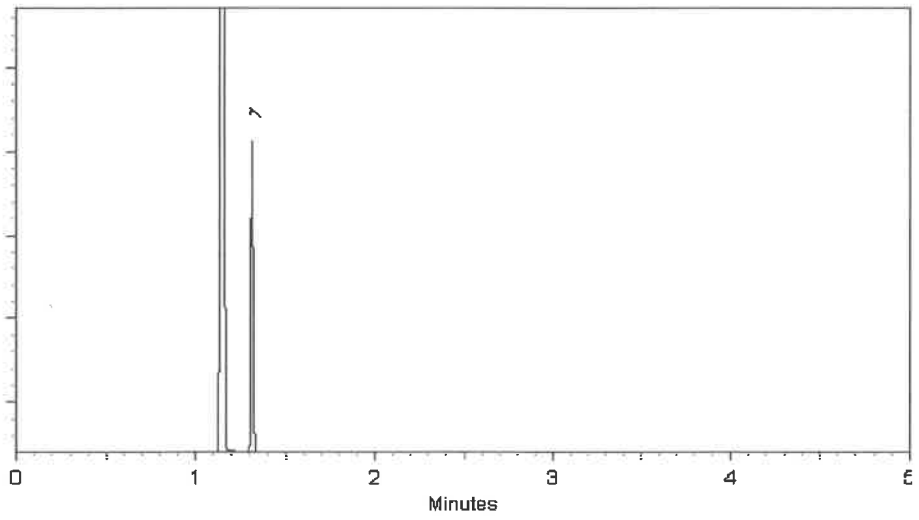
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



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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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Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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Catalog No. : 555871 **Lot No.:** A0226283

Description : Custom 4-Nitrophenol Standard

Custom 4-Nitrophenol Standard 25,000µg/mL, Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2028 **Storage:** 10°C or colder

Ship: Ambient

S13158 ↓ S13167 } RC/ 6/4/25

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	4-Nitrophenol	100-02-7	20241120-1-AN	99%	25,192.0 µg/mL	+/- 783.0517

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Morgan Craighead - Mix Technician

Date Mixed: 02-Jun-2025 **Balance:** C322230531

REVIEWED

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Catalog No. : 31206 **Lot No.:** A0224359

Description : SV Internal Standard Mix 2mg/ml

SV Internal Standard Mix 2mg/ml 2000 µg/ml, Methylene Chloride, 1mL/ampul

S13168 ↓ S13197 } AC 6/9/25

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 31, 2031 **Storage:** 10°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	2,000.0 µg/mL	+/- 90.0812
2	Naphthalene-d8	1146-65-2	M-2180	99%	2,000.8 µg/mL	+/- 90.1187
3	Acenaphthene-d10	15067-26-2	PR-33507	99%	2,000.8 µg/mL	+/- 90.1187
4	Phenanthrene-d10	1517-22-2	PR-34099	99%	2,000.0 µg/mL	+/- 90.0812
5	Chrysene-d12	1719-03-5	PR-33506	99%	2,000.8 µg/mL	+/- 90.1187
6	Perylene-d12	1520-96-3	PR-33205	99%	2,000.0 µg/mL	+/- 90.0812

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

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Catalog No. : 31206 **Lot No.:** A0224359

Description : SV Internal Standard Mix 2mg/ml

SV Internal Standard Mix 2mg/ml 2000 µg/ml, Methylene Chloride, 1mL/ampul

S13168 ↓ S13197 } AC 6/9/25

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 31, 2031 **Storage:** 10°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
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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

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SV Internal Standard Mix 2mg/ml 2000 µg/ml, Methylene Chloride, 1mL/ampul

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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

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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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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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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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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. : 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

Description : Custom Calibration Standard - C8

Custom Calibration Standard - C8 2,000µg/mL, Methylene chloride, 1mL/ampul

513229 ↓ 513238 } RC/ 8/1/25

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2028 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	N-Nitrosodimethylamine	62-75-9	S241226RSR	99%	2,000.0 µg/mL	+/- 35.7537
2	Aniline	62-53-3	X22F726	99%	2,002.5 µg/mL	+/- 35.7984
3	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	2,005.0 µg/mL	+/- 35.8431
4	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	2,005.0 µg/mL	+/- 35.8431
5	Benzyl alcohol	100-51-6	094986W07G	99%	2,015.0 µg/mL	+/- 36.0218
6	1,2-Dichlorobenzene	95-50-1	SHBR4446	99%	2,015.0 µg/mL	+/- 36.0218
7	1,2,4-Trichlorobenzene	120-82-1	SHBR1701	99%	2,020.0 µg/mL	+/- 36.1112
8	Azobenzene	103-33-3	BCCL3292	99%	2,005.0 µg/mL	+/- 35.8431

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

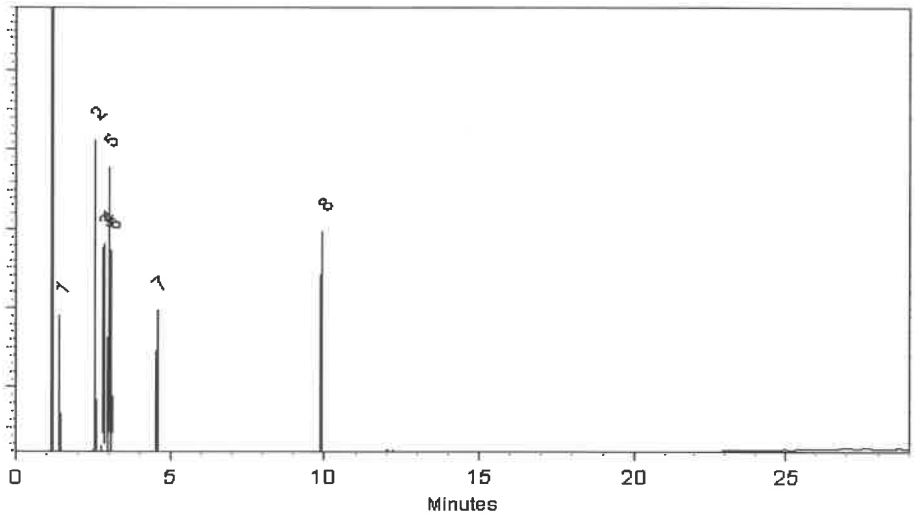
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Wilner Torres - Operation Tech I **Date Mixed:** 27-Jul-2025 **Balance Serial #** B345965662

Jennifer Pollino - Operations Tech III - ARM QC **Date Passed:** 30-Jul-2025 REVIEWED

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Catalog No. : 582978 **Lot No.:** A0228192

Description : Custom Calibration Standard - C8

Custom Calibration Standard - C8 2,000µg/mL, Methylene chloride, 1mL/ampul

513229 ↓ 513238 } RC/ 8/1/25

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2028 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	N-Nitrosodimethylamine	62-75-9	S241226RSR	99%	2,000.0 µg/mL	+/- 35.7537
2	Aniline	62-53-3	X22F726	99%	2,002.5 µg/mL	+/- 35.7984
3	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	2,005.0 µg/mL	+/- 35.8431
4	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	2,005.0 µg/mL	+/- 35.8431
5	Benzyl alcohol	100-51-6	094986W07G	99%	2,015.0 µg/mL	+/- 36.0218
6	1,2-Dichlorobenzene	95-50-1	SHBR4446	99%	2,015.0 µg/mL	+/- 36.0218
7	1,2,4-Trichlorobenzene	120-82-1	SHBR1701	99%	2,020.0 µg/mL	+/- 36.1112
8	Azobenzene	103-33-3	BCCL3292	99%	2,005.0 µg/mL	+/- 35.8431

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

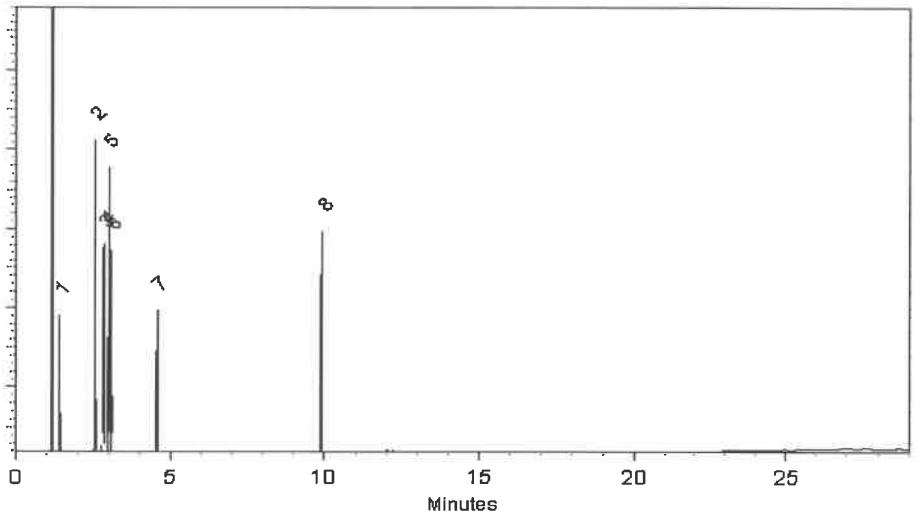
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Wilner Torres - Operation Tech I **Date Mixed:** 27-Jul-2025 **Balance Serial #** B345965662

Jennifer Pollino - Operations Tech III - ARM QC **Date Passed:** 30-Jul-2025 REVIEWED

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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Catalog No. : 555223 **Lot No.:** A0228451

S13239 ↓ S13268 } RC 08/06/25

Description : Custom 8270 Plus Standard #1

Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2027 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S250226RSR	99%	1,006.0 µg/mL	+/- 23.0947
2	Atrazine	1912-24-9	5FYWL	99%	1,007.0 µg/mL	+/- 23.1176
3	Benzidine	92-87-5	S250227ECS	99%	1,003.0 µg/mL	+/- 23.0258
4	epsilon-Caprolactam	105-60-2	Y16H012	99%	1,003.0 µg/mL	+/- 23.0258

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tom Suckar - Mix Technician **Date Mixed:** 01-Aug-2025 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2015
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Catalog No. : 555223 **Lot No.:** A0228451

S13239 ↓ S13268 } RC 08/06/25

Description : Custom 8270 Plus Standard #1

Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2027 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

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Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
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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

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Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
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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

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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

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Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

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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)
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2	Atrazine	1912-24-9	5FYWL	99%	1,007.0 µg/mL	+/- 23.1176
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Catalog No. : 555223 **Lot No.:** A0228451

S13239 ↓ S13268 } RC 08/06/25

Description : Custom 8270 Plus Standard #1

Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2027 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S250226RSR	99%	1,006.0 µg/mL	+/- 23.0947
2	Atrazine	1912-24-9	5FYWL	99%	1,007.0 µg/mL	+/- 23.1176
3	Benzidine	92-87-5	S250227ECS	99%	1,003.0 µg/mL	+/- 23.0258
4	epsilon-Caprolactam	105-60-2	Y16H012	99%	1,003.0 µg/mL	+/- 23.0258

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tom Suckar - Mix Technician **Date Mixed:** 01-Aug-2025 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

RESTEK
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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. : 555223 **Lot No.:** A0228451

S13239 ↓ S13268 } RC 08/06/25

Description : Custom 8270 Plus Standard #1

Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2027 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S250226RSR	99%	1,006.0 µg/mL	+/- 23.0947
2	Atrazine	1912-24-9	5FYWL	99%	1,007.0 µg/mL	+/- 23.1176
3	Benzidine	92-87-5	S250227ECS	99%	1,003.0 µg/mL	+/- 23.0258
4	epsilon-Caprolactam	105-60-2	Y16H012	99%	1,003.0 µg/mL	+/- 23.0258

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tom Suckar - Mix Technician **Date Mixed:** 01-Aug-2025 **Balance:** 1128360905

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Catalog No. : 555223 **Lot No.:** A0228451

S13239 ↓ S13268 } RC 08/06/25

Description : Custom 8270 Plus Standard #1

Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2027 **Storage:** 10°C or colder

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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
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3	Benzidine	92-87-5	S250227ECS	99%	1,003.0 µg/mL	+/- 23.0258
4	epsilon-Caprolactam	105-60-2	Y16H012	99%	1,003.0 µg/mL	+/- 23.0258

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tom Suckar - Mix Technician **Date Mixed:** 01-Aug-2025 **Balance:** 1128360905

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Catalog No. : 555224 **Lot No.:** A0228494

S13269 ↓ S13298 } RC 1 08/06/25

Description : Custom 8270 Plus Standard #2

Custom 8270 Plus Standard #2 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2027 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2,4,5-Tetrachlorobenzene	95-94-3	MKCT9480	99%	1,002.0 µg/mL	+/- 29.453715
2	Acetophenone	98-86-2	STBH8205	99%	1,001.0 µg/mL	+/- 29.424320
3	Benzaldehyde	100-52-7	RD250319RSR	99%	1,003.0 µg/mL	+/- 29.483110
4	Benzoic acid	65-85-0	MKCX1578	99%	1,001.0 µg/mL	+/- 29.424320
5	Biphenyl	92-52-4	MKCS5928	99%	1,002.0 µg/mL	+/- 29.453715

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Laith Clemente - Operations Technician I **Date Mixed:** 04-Aug-2025 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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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 1 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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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555224 **Lot No.:** A0228494

S13269 ↓ S13298 } RC 1 08/06/25

Description : Custom 8270 Plus Standard #2

Custom 8270 Plus Standard #2 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2027 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2,4,5-Tetrachlorobenzene	95-94-3	MKCT9480	99%	1,002.0 µg/mL	+/- 29.453715
2	Acetophenone	98-86-2	STBH8205	99%	1,001.0 µg/mL	+/- 29.424320
3	Benzaldehyde	100-52-7	RD250319RSR	99%	1,003.0 µg/mL	+/- 29.483110
4	Benzoic acid	65-85-0	MKCX1578	99%	1,001.0 µg/mL	+/- 29.424320
5	Biphenyl	92-52-4	MKCS5928	99%	1,002.0 µg/mL	+/- 29.453715

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Laith Clemente - Operations Technician I **Date Mixed:** 04-Aug-2025 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0229652

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

S13299 ↓ S13328 RC 10/17/25

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%	1,004.9 µg/mL	+/- 36.5621
2	N-Nitrosodimethylamine	62-75-9	S250717RSR	99%	1,004.5 µg/mL	+/- 36.5484
3	Phenol	108-95-2	MKCT5446	99%	1,003.5 µg/mL	+/- 36.5120
4	Aniline	62-53-3	X22F726	99%	1,004.8 µg/mL	+/- 36.5575
5	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,003.6 µg/mL	+/- 36.5166
6	2-Chlorophenol	95-57-8	STBK4742	99%	1,004.5 µg/mL	+/- 36.5484
7	1,3-Dichlorobenzene	541-73-1	STBL1702	99%	1,003.8 µg/mL	+/- 36.5211
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,003.8 µg/mL	+/- 36.5211
9	Benzyl alcohol	100-51-6	094986W07G	99%	1,003.8 µg/mL	+/- 36.5211
10	1,2-Dichlorobenzene	95-50-1	SHBR4446	99%	1,004.9 µg/mL	+/- 36.5621
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,004.3 µg/mL	+/- 36.5393
12	2,2'-oxybis(1-chloropropane)	108-60-1	RP250904RSR	99%	1,005.0 µg/mL	+/- 36.5666
13	3-Methylphenol (m-cresol)	108-39-4	STBL3873	99%	502.4 µg/mL	+/- 18.2788
14	4-Methylphenol (p-cresol)	106-44-5	SHBQ7653	99%	502.3 µg/mL	+/- 18.2742
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,004.9 µg/mL	+/- 36.5621
16	Hexachloroethane	67-72-1	DAXRI	99%	1,003.9 µg/mL	+/- 36.5257
17	Nitrobenzene	98-95-3	10224044	99%	1,003.9 µg/mL	+/- 36.5257

18	Isophorone	78-59-1	MKCR3249	99%	1,004.8	µg/mL	+/- 36.5575
19	2-Nitrophenol	88-75-5	RP230710	99%	1,003.6	µg/mL	+/- 36.5166
20	2,4-Dimethylphenol	105-67-9	DIRAF	99%	1,004.1	µg/mL	+/- 36.5348
21	Bis(2-chloroethoxy)methane	111-91-1	15705100	99%	1,004.5	µg/mL	+/- 36.5484
22	2,4-Dichlorophenol	120-83-2	BCCK6969	99%	1,004.8	µg/mL	+/- 36.5575
23	1,2,4-Trichlorobenzene	120-82-1	SHBR1701	99%	1,004.0	µg/mL	+/- 36.5302
24	Naphthalene	91-20-3	STBL1057	99%	1,004.0	µg/mL	+/- 36.5302
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,004.5	µg/mL	+/- 36.5484
26	Hexachlorobutadiene	87-68-3	X05J	98%	1,002.7	µg/mL	+/- 36.4816
27	4-Chloro-3-methylphenol	59-50-7	BCCK5906	99%	1,004.3	µg/mL	+/- 36.5393
28	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,000.5	µg/mL	+/- 36.4029
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	1,000.0	µg/mL	+/- 36.3847
30	Hexachlorocyclopentadiene	77-47-4	099063P13G	99%	1,004.0	µg/mL	+/- 36.5302
31	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,003.5	µg/mL	+/- 36.5120
32	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,003.6	µg/mL	+/- 36.5152
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,003.6	µg/mL	+/- 36.5166
34	2-Nitroaniline	88-74-4	RP250625RSR	99%	1,003.8	µg/mL	+/- 36.5211
35	1,4-Dinitrobenzene	100-25-4	RP250401RSR	99%	1,004.6	µg/mL	+/- 36.5530
36	Acenaphthylene	208-96-8	214935V18H	95%	1,000.4	µg/mL	+/- 36.3974
37	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,004.8	µg/mL	+/- 36.5575
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,003.5	µg/mL	+/- 36.5120
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,004.6	µg/mL	+/- 36.5530
40	1,2-Dinitrobenzene	528-29-0	RP250203RSR	99%	1,002.6	µg/mL	+/- 36.4802
41	Acenaphthene	83-32-9	MKCV8166	99%	1,000.0	µg/mL	+/- 36.3847
42	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,003.8	µg/mL	+/- 36.5211
43	2,4-Dinitrophenol	51-28-5	D240927RSR	99%	1,004.1	µg/mL	+/- 36.5348
44	Dibenzofuran	132-64-9	MKCW3845	99%	1,003.6	µg/mL	+/- 36.5166
45	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,003.8	µg/mL	+/- 36.5211
46	4-Nitrophenol	100-02-7	20241120-1-AN	99%	1,003.0	µg/mL	+/- 36.4938
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,003.8	µg/mL	+/- 36.5211
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP250724RSR	99%	1,003.1	µg/mL	+/- 36.4984
49	Fluorene	86-73-7	10246250	98%	1,002.9	µg/mL	+/- 36.4905
50	4-Chlorophenyl phenyl ether	7005-72-3	002531K02D	99%	1,004.3	µg/mL	+/- 36.5393
51	Diethylphthalate	84-66-2	223219R19C	99%	1,004.8	µg/mL	+/- 36.5575
52	4-Nitroaniline	100-01-6	RP240830RSR	99%	1,004.0	µg/mL	+/- 36.5302
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S250805RSR	99%	1,004.8	µg/mL	+/- 36.5575



54	Diphenylamine	122-39-4	MKCT1512	99%	1,004.9	µg/mL	+/- 36.5621
55	Azobenzene	103-33-3	BCCL3292	99%	1,003.9	µg/mL	+/- 36.5257
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,003.9	µg/mL	+/- 36.5257
57	Hexachlorobenzene	118-74-1	16302300	99%	1,004.5	µg/mL	+/- 36.5484
58	Pentachlorophenol	87-86-5	RP240411RSR	99%	1,004.9	µg/mL	+/- 36.5621
59	Phenanthrene	85-01-8	MKCV8193	99%	1,003.8	µg/mL	+/- 36.5211
60	Anthracene	120-12-7	MKCW9141	99%	1,003.3	µg/mL	+/- 36.5029
61	Carbazole	86-74-8	15821400	99%	1,003.1	µg/mL	+/- 36.4984
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,004.6	µg/mL	+/- 36.5530
63	Fluoranthene	206-44-0	A0458721	99%	1,004.8	µg/mL	+/- 36.5575
64	Pyrene	129-00-0	BCCL8032	99%	1,003.8	µg/mL	+/- 36.5211
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,004.9	µg/mL	+/- 36.5621
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,003.4	µg/mL	+/- 36.5075
67	Benz(a)anthracene	56-55-3	I80012022BAA	99%	1,004.3	µg/mL	+/- 36.5393
68	Chrysene	218-01-9	RP250815RSR	99%	1,003.9	µg/mL	+/- 36.5257
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,004.5	µg/mL	+/- 36.5484
70	Di-n-octyl phthalate	117-84-0	16197600	99%	1,004.4	µg/mL	+/- 36.5439
71	Benzo(b)fluoranthene	205-99-2	0225BF	99%	1,005.4	µg/mL	+/- 36.5803
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,004.5	µg/mL	+/- 36.5484
73	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,002.4	µg/mL	+/- 36.4726
74	Indeno(1,2,3-cd)pyrene	193-39-5	17-YMK-40-2	99%	1,004.0	µg/mL	+/- 36.5302
75	Dibenz(a,h)anthracene	53-70-3	712215450-1-1	99%	1,003.5	µg/mL	+/- 36.5120
76	Benzo(g,h,i)perylene	191-24-2	RP250501RSR	98%	1,003.0	µg/mL	+/- 36.4949

* 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.)

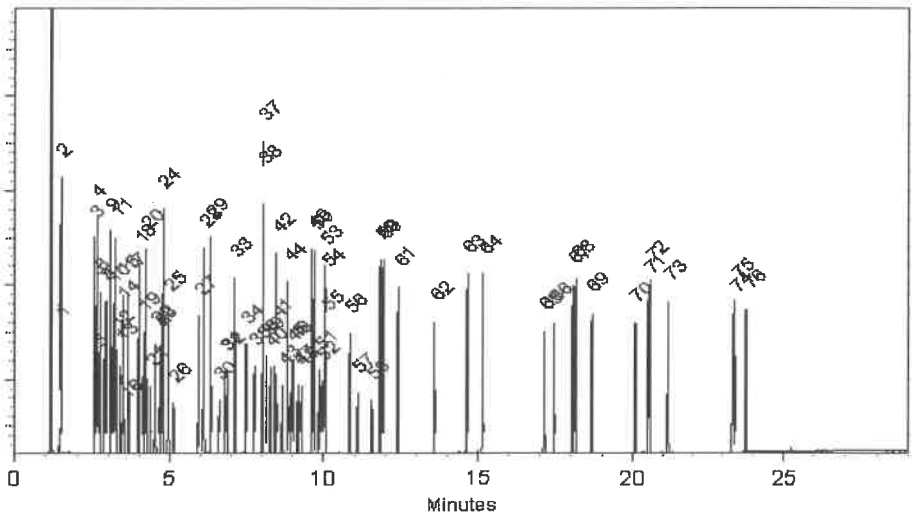
Inj. Temp:
250°C

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.

Dakota Parson - Operations Technician I

Date Mixed: 04-Sep-2025 **Balance Serial #** B345965662

Brittany Federinko - Operations Tech II

Date Passed: 15-Sep-2025

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Catalog No. : 31850 **Lot No.:** A0229652

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

S13299 ↓ S13328 RC 10/17/25

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%	1,004.9 µg/mL	+/- 36.5621
2	N-Nitrosodimethylamine	62-75-9	S250717RSR	99%	1,004.5 µg/mL	+/- 36.5484
3	Phenol	108-95-2	MKCT5446	99%	1,003.5 µg/mL	+/- 36.5120
4	Aniline	62-53-3	X22F726	99%	1,004.8 µg/mL	+/- 36.5575
5	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,003.6 µg/mL	+/- 36.5166
6	2-Chlorophenol	95-57-8	STBK4742	99%	1,004.5 µg/mL	+/- 36.5484
7	1,3-Dichlorobenzene	541-73-1	STBL1702	99%	1,003.8 µg/mL	+/- 36.5211
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,003.8 µg/mL	+/- 36.5211
9	Benzyl alcohol	100-51-6	094986W07G	99%	1,003.8 µg/mL	+/- 36.5211
10	1,2-Dichlorobenzene	95-50-1	SHBR4446	99%	1,004.9 µg/mL	+/- 36.5621
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,004.3 µg/mL	+/- 36.5393
12	2,2'-oxybis(1-chloropropane)	108-60-1	RP250904RSR	99%	1,005.0 µg/mL	+/- 36.5666
13	3-Methylphenol (m-cresol)	108-39-4	STBL3873	99%	502.4 µg/mL	+/- 18.2788
14	4-Methylphenol (p-cresol)	106-44-5	SHBQ7653	99%	502.3 µg/mL	+/- 18.2742
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,004.9 µg/mL	+/- 36.5621
16	Hexachloroethane	67-72-1	DAXRI	99%	1,003.9 µg/mL	+/- 36.5257
17	Nitrobenzene	98-95-3	10224044	99%	1,003.9 µg/mL	+/- 36.5257

18	Isophorone	78-59-1	MKCR3249	99%	1,004.8	µg/mL	+/- 36.5575
19	2-Nitrophenol	88-75-5	RP230710	99%	1,003.6	µg/mL	+/- 36.5166
20	2,4-Dimethylphenol	105-67-9	DIRAF	99%	1,004.1	µg/mL	+/- 36.5348
21	Bis(2-chloroethoxy)methane	111-91-1	15705100	99%	1,004.5	µg/mL	+/- 36.5484
22	2,4-Dichlorophenol	120-83-2	BCCK6969	99%	1,004.8	µg/mL	+/- 36.5575
23	1,2,4-Trichlorobenzene	120-82-1	SHBR1701	99%	1,004.0	µg/mL	+/- 36.5302
24	Naphthalene	91-20-3	STBL1057	99%	1,004.0	µg/mL	+/- 36.5302
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,004.5	µg/mL	+/- 36.5484
26	Hexachlorobutadiene	87-68-3	X05J	98%	1,002.7	µg/mL	+/- 36.4816
27	4-Chloro-3-methylphenol	59-50-7	BCCK5906	99%	1,004.3	µg/mL	+/- 36.5393
28	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,000.5	µg/mL	+/- 36.4029
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	1,000.0	µg/mL	+/- 36.3847
30	Hexachlorocyclopentadiene	77-47-4	099063P13G	99%	1,004.0	µg/mL	+/- 36.5302
31	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,003.5	µg/mL	+/- 36.5120
32	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,003.6	µg/mL	+/- 36.5152
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,003.6	µg/mL	+/- 36.5166
34	2-Nitroaniline	88-74-4	RP250625RSR	99%	1,003.8	µg/mL	+/- 36.5211
35	1,4-Dinitrobenzene	100-25-4	RP250401RSR	99%	1,004.6	µg/mL	+/- 36.5530
36	Acenaphthylene	208-96-8	214935V18H	95%	1,000.4	µg/mL	+/- 36.3974
37	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,004.8	µg/mL	+/- 36.5575
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,003.5	µg/mL	+/- 36.5120
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,004.6	µg/mL	+/- 36.5530
40	1,2-Dinitrobenzene	528-29-0	RP250203RSR	99%	1,002.6	µg/mL	+/- 36.4802
41	Acenaphthene	83-32-9	MKCV8166	99%	1,000.0	µg/mL	+/- 36.3847
42	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,003.8	µg/mL	+/- 36.5211
43	2,4-Dinitrophenol	51-28-5	D240927RSR	99%	1,004.1	µg/mL	+/- 36.5348
44	Dibenzofuran	132-64-9	MKCW3845	99%	1,003.6	µg/mL	+/- 36.5166
45	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,003.8	µg/mL	+/- 36.5211
46	4-Nitrophenol	100-02-7	20241120-1-AN	99%	1,003.0	µg/mL	+/- 36.4938
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,003.8	µg/mL	+/- 36.5211
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP250724RSR	99%	1,003.1	µg/mL	+/- 36.4984
49	Fluorene	86-73-7	10246250	98%	1,002.9	µg/mL	+/- 36.4905
50	4-Chlorophenyl phenyl ether	7005-72-3	002531K02D	99%	1,004.3	µg/mL	+/- 36.5393
51	Diethylphthalate	84-66-2	223219R19C	99%	1,004.8	µg/mL	+/- 36.5575
52	4-Nitroaniline	100-01-6	RP240830RSR	99%	1,004.0	µg/mL	+/- 36.5302
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S250805RSR	99%	1,004.8	µg/mL	+/- 36.5575



54	Diphenylamine	122-39-4	MKCT1512	99%	1,004.9	µg/mL	+/- 36.5621
55	Azobenzene	103-33-3	BCCL3292	99%	1,003.9	µg/mL	+/- 36.5257
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,003.9	µg/mL	+/- 36.5257
57	Hexachlorobenzene	118-74-1	16302300	99%	1,004.5	µg/mL	+/- 36.5484
58	Pentachlorophenol	87-86-5	RP240411RSR	99%	1,004.9	µg/mL	+/- 36.5621
59	Phenanthrene	85-01-8	MKCV8193	99%	1,003.8	µg/mL	+/- 36.5211
60	Anthracene	120-12-7	MKCW9141	99%	1,003.3	µg/mL	+/- 36.5029
61	Carbazole	86-74-8	15821400	99%	1,003.1	µg/mL	+/- 36.4984
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,004.6	µg/mL	+/- 36.5530
63	Fluoranthene	206-44-0	A0458721	99%	1,004.8	µg/mL	+/- 36.5575
64	Pyrene	129-00-0	BCCL8032	99%	1,003.8	µg/mL	+/- 36.5211
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,004.9	µg/mL	+/- 36.5621
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,003.4	µg/mL	+/- 36.5075
67	Benz(a)anthracene	56-55-3	I80012022BAA	99%	1,004.3	µg/mL	+/- 36.5393
68	Chrysene	218-01-9	RP250815RSR	99%	1,003.9	µg/mL	+/- 36.5257
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,004.5	µg/mL	+/- 36.5484
70	Di-n-octyl phthalate	117-84-0	16197600	99%	1,004.4	µg/mL	+/- 36.5439
71	Benzo(b)fluoranthene	205-99-2	0225BF	99%	1,005.4	µg/mL	+/- 36.5803
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,004.5	µg/mL	+/- 36.5484
73	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,002.4	µg/mL	+/- 36.4726
74	Indeno(1,2,3-cd)pyrene	193-39-5	17-YMK-40-2	99%	1,004.0	µg/mL	+/- 36.5302
75	Dibenz(a,h)anthracene	53-70-3	712215450-1-1	99%	1,003.5	µg/mL	+/- 36.5120
76	Benzo(g,h,i)perylene	191-24-2	RP250501RSR	98%	1,003.0	µg/mL	+/- 36.4949

* 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.)

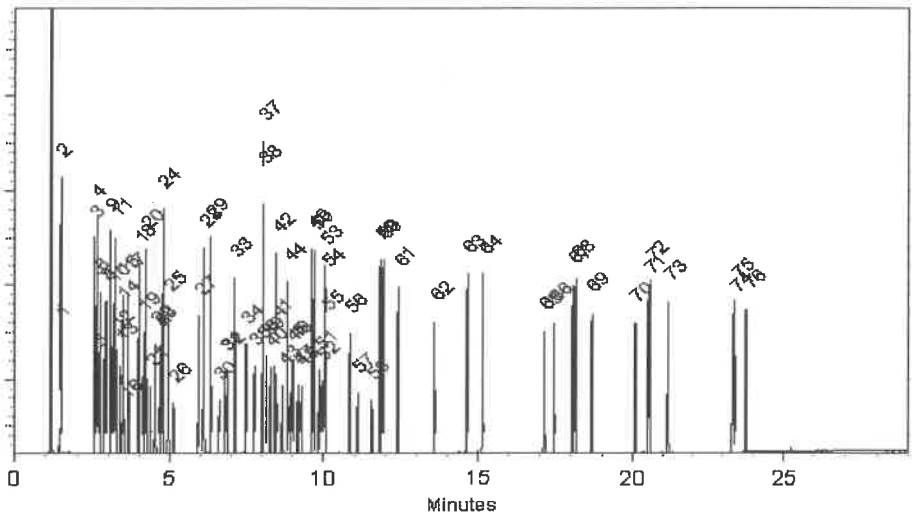
Inj. Temp:
250°C

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.

Dakota Parson - Operations Technician I

Date Mixed: 04-Sep-2025 **Balance Serial #** B345965662

Brittany Federinko - Operations Tech II

Date Passed: 15-Sep-2025

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0229652

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

S13299 ↓ S13328 RC 10/17/25

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%	1,004.9 µg/mL	+/- 36.5621
2	N-Nitrosodimethylamine	62-75-9	S250717RSR	99%	1,004.5 µg/mL	+/- 36.5484
3	Phenol	108-95-2	MKCT5446	99%	1,003.5 µg/mL	+/- 36.5120
4	Aniline	62-53-3	X22F726	99%	1,004.8 µg/mL	+/- 36.5575
5	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,003.6 µg/mL	+/- 36.5166
6	2-Chlorophenol	95-57-8	STBK4742	99%	1,004.5 µg/mL	+/- 36.5484
7	1,3-Dichlorobenzene	541-73-1	STBL1702	99%	1,003.8 µg/mL	+/- 36.5211
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,003.8 µg/mL	+/- 36.5211
9	Benzyl alcohol	100-51-6	094986W07G	99%	1,003.8 µg/mL	+/- 36.5211
10	1,2-Dichlorobenzene	95-50-1	SHBR4446	99%	1,004.9 µg/mL	+/- 36.5621
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,004.3 µg/mL	+/- 36.5393
12	2,2'-oxybis(1-chloropropane)	108-60-1	RP250904RSR	99%	1,005.0 µg/mL	+/- 36.5666
13	3-Methylphenol (m-cresol)	108-39-4	STBL3873	99%	502.4 µg/mL	+/- 18.2788
14	4-Methylphenol (p-cresol)	106-44-5	SHBQ7653	99%	502.3 µg/mL	+/- 18.2742
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,004.9 µg/mL	+/- 36.5621
16	Hexachloroethane	67-72-1	DAXRI	99%	1,003.9 µg/mL	+/- 36.5257
17	Nitrobenzene	98-95-3	10224044	99%	1,003.9 µg/mL	+/- 36.5257

18	Isophorone	78-59-1	MKCR3249	99%	1,004.8	µg/mL	+/- 36.5575
19	2-Nitrophenol	88-75-5	RP230710	99%	1,003.6	µg/mL	+/- 36.5166
20	2,4-Dimethylphenol	105-67-9	DIRAF	99%	1,004.1	µg/mL	+/- 36.5348
21	Bis(2-chloroethoxy)methane	111-91-1	15705100	99%	1,004.5	µg/mL	+/- 36.5484
22	2,4-Dichlorophenol	120-83-2	BCCK6969	99%	1,004.8	µg/mL	+/- 36.5575
23	1,2,4-Trichlorobenzene	120-82-1	SHBR1701	99%	1,004.0	µg/mL	+/- 36.5302
24	Naphthalene	91-20-3	STBL1057	99%	1,004.0	µg/mL	+/- 36.5302
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,004.5	µg/mL	+/- 36.5484
26	Hexachlorobutadiene	87-68-3	X05J	98%	1,002.7	µg/mL	+/- 36.4816
27	4-Chloro-3-methylphenol	59-50-7	BCCK5906	99%	1,004.3	µg/mL	+/- 36.5393
28	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,000.5	µg/mL	+/- 36.4029
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	1,000.0	µg/mL	+/- 36.3847
30	Hexachlorocyclopentadiene	77-47-4	099063P13G	99%	1,004.0	µg/mL	+/- 36.5302
31	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,003.5	µg/mL	+/- 36.5120
32	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,003.6	µg/mL	+/- 36.5152
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,003.6	µg/mL	+/- 36.5166
34	2-Nitroaniline	88-74-4	RP250625RSR	99%	1,003.8	µg/mL	+/- 36.5211
35	1,4-Dinitrobenzene	100-25-4	RP250401RSR	99%	1,004.6	µg/mL	+/- 36.5530
36	Acenaphthylene	208-96-8	214935V18H	95%	1,000.4	µg/mL	+/- 36.3974
37	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,004.8	µg/mL	+/- 36.5575
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,003.5	µg/mL	+/- 36.5120
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,004.6	µg/mL	+/- 36.5530
40	1,2-Dinitrobenzene	528-29-0	RP250203RSR	99%	1,002.6	µg/mL	+/- 36.4802
41	Acenaphthene	83-32-9	MKCV8166	99%	1,000.0	µg/mL	+/- 36.3847
42	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,003.8	µg/mL	+/- 36.5211
43	2,4-Dinitrophenol	51-28-5	D240927RSR	99%	1,004.1	µg/mL	+/- 36.5348
44	Dibenzofuran	132-64-9	MKCW3845	99%	1,003.6	µg/mL	+/- 36.5166
45	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,003.8	µg/mL	+/- 36.5211
46	4-Nitrophenol	100-02-7	20241120-1-AN	99%	1,003.0	µg/mL	+/- 36.4938
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,003.8	µg/mL	+/- 36.5211
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP250724RSR	99%	1,003.1	µg/mL	+/- 36.4984
49	Fluorene	86-73-7	10246250	98%	1,002.9	µg/mL	+/- 36.4905
50	4-Chlorophenyl phenyl ether	7005-72-3	002531K02D	99%	1,004.3	µg/mL	+/- 36.5393
51	Diethylphthalate	84-66-2	223219R19C	99%	1,004.8	µg/mL	+/- 36.5575
52	4-Nitroaniline	100-01-6	RP240830RSR	99%	1,004.0	µg/mL	+/- 36.5302
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S250805RSR	99%	1,004.8	µg/mL	+/- 36.5575



54	Diphenylamine	122-39-4	MKCT1512	99%	1,004.9	µg/mL	+/- 36.5621
55	Azobenzene	103-33-3	BCCL3292	99%	1,003.9	µg/mL	+/- 36.5257
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,003.9	µg/mL	+/- 36.5257
57	Hexachlorobenzene	118-74-1	16302300	99%	1,004.5	µg/mL	+/- 36.5484
58	Pentachlorophenol	87-86-5	RP240411RSR	99%	1,004.9	µg/mL	+/- 36.5621
59	Phenanthrene	85-01-8	MKCV8193	99%	1,003.8	µg/mL	+/- 36.5211
60	Anthracene	120-12-7	MKCW9141	99%	1,003.3	µg/mL	+/- 36.5029
61	Carbazole	86-74-8	15821400	99%	1,003.1	µg/mL	+/- 36.4984
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,004.6	µg/mL	+/- 36.5530
63	Fluoranthene	206-44-0	A0458721	99%	1,004.8	µg/mL	+/- 36.5575
64	Pyrene	129-00-0	BCCL8032	99%	1,003.8	µg/mL	+/- 36.5211
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,004.9	µg/mL	+/- 36.5621
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,003.4	µg/mL	+/- 36.5075
67	Benz(a)anthracene	56-55-3	I80012022BAA	99%	1,004.3	µg/mL	+/- 36.5393
68	Chrysene	218-01-9	RP250815RSR	99%	1,003.9	µg/mL	+/- 36.5257
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,004.5	µg/mL	+/- 36.5484
70	Di-n-octyl phthalate	117-84-0	16197600	99%	1,004.4	µg/mL	+/- 36.5439
71	Benzo(b)fluoranthene	205-99-2	0225BF	99%	1,005.4	µg/mL	+/- 36.5803
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,004.5	µg/mL	+/- 36.5484
73	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,002.4	µg/mL	+/- 36.4726
74	Indeno(1,2,3-cd)pyrene	193-39-5	17-YMK-40-2	99%	1,004.0	µg/mL	+/- 36.5302
75	Dibenz(a,h)anthracene	53-70-3	712215450-1-1	99%	1,003.5	µg/mL	+/- 36.5120
76	Benzo(g,h,i)perylene	191-24-2	RP250501RSR	98%	1,003.0	µg/mL	+/- 36.4949

* 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.)

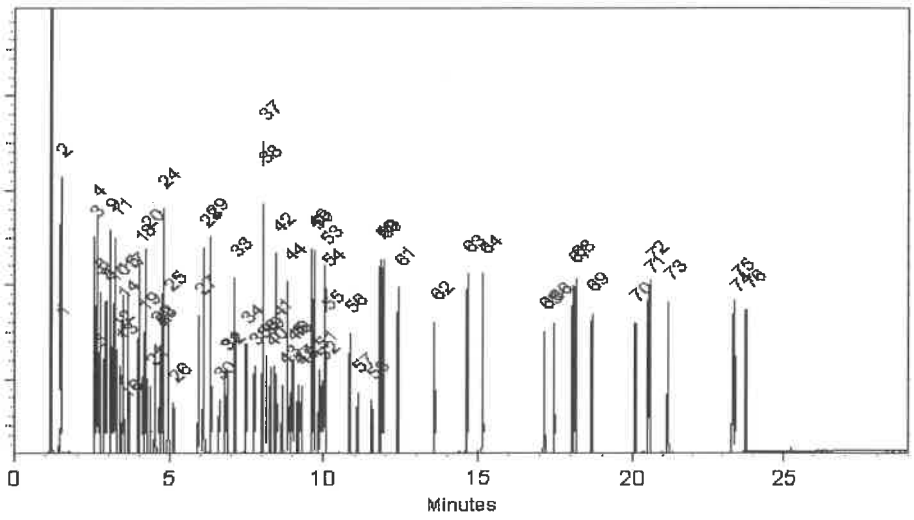
Inj. Temp:
250°C

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.

Dakota Parson - Operations Technician I

Date Mixed: 04-Sep-2025 **Balance Serial #** B345965662

Brittany Federinko - Operations Tech II

Date Passed: 15-Sep-2025

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0229652

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

S13299 ↓ S13328 RC 10/17/25

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%	1,004.9 µg/mL	+/- 36.5621
2	N-Nitrosodimethylamine	62-75-9	S250717RSR	99%	1,004.5 µg/mL	+/- 36.5484
3	Phenol	108-95-2	MKCT5446	99%	1,003.5 µg/mL	+/- 36.5120
4	Aniline	62-53-3	X22F726	99%	1,004.8 µg/mL	+/- 36.5575
5	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,003.6 µg/mL	+/- 36.5166
6	2-Chlorophenol	95-57-8	STBK4742	99%	1,004.5 µg/mL	+/- 36.5484
7	1,3-Dichlorobenzene	541-73-1	STBL1702	99%	1,003.8 µg/mL	+/- 36.5211
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,003.8 µg/mL	+/- 36.5211
9	Benzyl alcohol	100-51-6	094986W07G	99%	1,003.8 µg/mL	+/- 36.5211
10	1,2-Dichlorobenzene	95-50-1	SHBR4446	99%	1,004.9 µg/mL	+/- 36.5621
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,004.3 µg/mL	+/- 36.5393
12	2,2'-oxybis(1-chloropropane)	108-60-1	RP250904RSR	99%	1,005.0 µg/mL	+/- 36.5666
13	3-Methylphenol (m-cresol)	108-39-4	STBL3873	99%	502.4 µg/mL	+/- 18.2788
14	4-Methylphenol (p-cresol)	106-44-5	SHBQ7653	99%	502.3 µg/mL	+/- 18.2742
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,004.9 µg/mL	+/- 36.5621
16	Hexachloroethane	67-72-1	DAXRI	99%	1,003.9 µg/mL	+/- 36.5257
17	Nitrobenzene	98-95-3	10224044	99%	1,003.9 µg/mL	+/- 36.5257

18	Isophorone	78-59-1	MKCR3249	99%	1,004.8	µg/mL	+/- 36.5575
19	2-Nitrophenol	88-75-5	RP230710	99%	1,003.6	µg/mL	+/- 36.5166
20	2,4-Dimethylphenol	105-67-9	DIRAF	99%	1,004.1	µg/mL	+/- 36.5348
21	Bis(2-chloroethoxy)methane	111-91-1	15705100	99%	1,004.5	µg/mL	+/- 36.5484
22	2,4-Dichlorophenol	120-83-2	BCCK6969	99%	1,004.8	µg/mL	+/- 36.5575
23	1,2,4-Trichlorobenzene	120-82-1	SHBR1701	99%	1,004.0	µg/mL	+/- 36.5302
24	Naphthalene	91-20-3	STBL1057	99%	1,004.0	µg/mL	+/- 36.5302
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,004.5	µg/mL	+/- 36.5484
26	Hexachlorobutadiene	87-68-3	X05J	98%	1,002.7	µg/mL	+/- 36.4816
27	4-Chloro-3-methylphenol	59-50-7	BCCK5906	99%	1,004.3	µg/mL	+/- 36.5393
28	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,000.5	µg/mL	+/- 36.4029
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	1,000.0	µg/mL	+/- 36.3847
30	Hexachlorocyclopentadiene	77-47-4	099063P13G	99%	1,004.0	µg/mL	+/- 36.5302
31	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,003.5	µg/mL	+/- 36.5120
32	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,003.6	µg/mL	+/- 36.5152
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,003.6	µg/mL	+/- 36.5166
34	2-Nitroaniline	88-74-4	RP250625RSR	99%	1,003.8	µg/mL	+/- 36.5211
35	1,4-Dinitrobenzene	100-25-4	RP250401RSR	99%	1,004.6	µg/mL	+/- 36.5530
36	Acenaphthylene	208-96-8	214935V18H	95%	1,000.4	µg/mL	+/- 36.3974
37	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,004.8	µg/mL	+/- 36.5575
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,003.5	µg/mL	+/- 36.5120
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,004.6	µg/mL	+/- 36.5530
40	1,2-Dinitrobenzene	528-29-0	RP250203RSR	99%	1,002.6	µg/mL	+/- 36.4802
41	Acenaphthene	83-32-9	MKCV8166	99%	1,000.0	µg/mL	+/- 36.3847
42	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,003.8	µg/mL	+/- 36.5211
43	2,4-Dinitrophenol	51-28-5	D240927RSR	99%	1,004.1	µg/mL	+/- 36.5348
44	Dibenzofuran	132-64-9	MKCW3845	99%	1,003.6	µg/mL	+/- 36.5166
45	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,003.8	µg/mL	+/- 36.5211
46	4-Nitrophenol	100-02-7	20241120-1-AN	99%	1,003.0	µg/mL	+/- 36.4938
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,003.8	µg/mL	+/- 36.5211
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP250724RSR	99%	1,003.1	µg/mL	+/- 36.4984
49	Fluorene	86-73-7	10246250	98%	1,002.9	µg/mL	+/- 36.4905
50	4-Chlorophenyl phenyl ether	7005-72-3	002531K02D	99%	1,004.3	µg/mL	+/- 36.5393
51	Diethylphthalate	84-66-2	223219R19C	99%	1,004.8	µg/mL	+/- 36.5575
52	4-Nitroaniline	100-01-6	RP240830RSR	99%	1,004.0	µg/mL	+/- 36.5302
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S250805RSR	99%	1,004.8	µg/mL	+/- 36.5575



54	Diphenylamine	122-39-4	MKCT1512	99%	1,004.9	µg/mL	+/- 36.5621
55	Azobenzene	103-33-3	BCCL3292	99%	1,003.9	µg/mL	+/- 36.5257
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,003.9	µg/mL	+/- 36.5257
57	Hexachlorobenzene	118-74-1	16302300	99%	1,004.5	µg/mL	+/- 36.5484
58	Pentachlorophenol	87-86-5	RP240411RSR	99%	1,004.9	µg/mL	+/- 36.5621
59	Phenanthrene	85-01-8	MKCV8193	99%	1,003.8	µg/mL	+/- 36.5211
60	Anthracene	120-12-7	MKCW9141	99%	1,003.3	µg/mL	+/- 36.5029
61	Carbazole	86-74-8	15821400	99%	1,003.1	µg/mL	+/- 36.4984
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,004.6	µg/mL	+/- 36.5530
63	Fluoranthene	206-44-0	A0458721	99%	1,004.8	µg/mL	+/- 36.5575
64	Pyrene	129-00-0	BCCL8032	99%	1,003.8	µg/mL	+/- 36.5211
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,004.9	µg/mL	+/- 36.5621
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,003.4	µg/mL	+/- 36.5075
67	Benz(a)anthracene	56-55-3	I80012022BAA	99%	1,004.3	µg/mL	+/- 36.5393
68	Chrysene	218-01-9	RP250815RSR	99%	1,003.9	µg/mL	+/- 36.5257
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,004.5	µg/mL	+/- 36.5484
70	Di-n-octyl phthalate	117-84-0	16197600	99%	1,004.4	µg/mL	+/- 36.5439
71	Benzo(b)fluoranthene	205-99-2	0225BF	99%	1,005.4	µg/mL	+/- 36.5803
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,004.5	µg/mL	+/- 36.5484
73	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,002.4	µg/mL	+/- 36.4726
74	Indeno(1,2,3-cd)pyrene	193-39-5	17-YMK-40-2	99%	1,004.0	µg/mL	+/- 36.5302
75	Dibenz(a,h)anthracene	53-70-3	712215450-1-1	99%	1,003.5	µg/mL	+/- 36.5120
76	Benzo(g,h,i)perylene	191-24-2	RP250501RSR	98%	1,003.0	µg/mL	+/- 36.4949

* 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.)

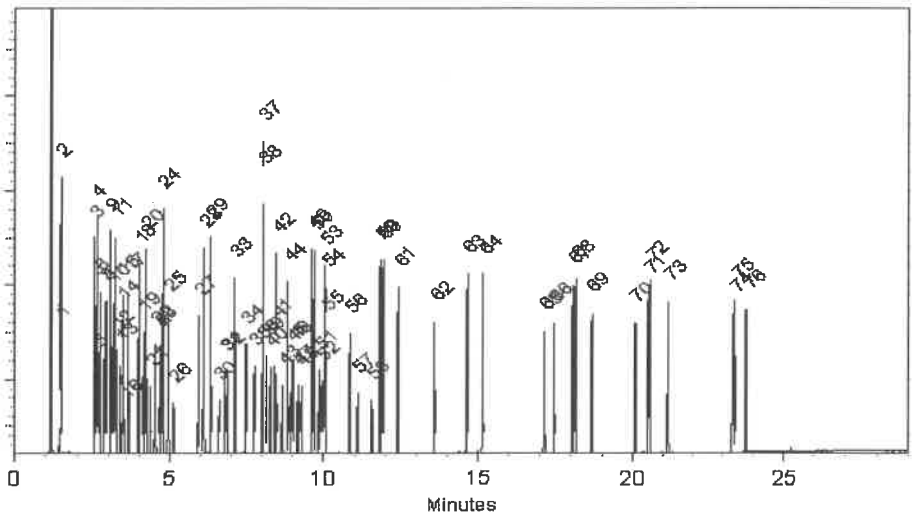
Inj. Temp:
250°C

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.

Dakota Parson - Operations Technician I

Date Mixed: 04-Sep-2025 **Balance Serial #** B345965662

Brittany Federinko - Operations Tech II

Date Passed: 15-Sep-2025

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0229652

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

S13299 ↓ S13328 RC 10/17/25

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%	1,004.9 µg/mL	+/- 36.5621
2	N-Nitrosodimethylamine	62-75-9	S250717RSR	99%	1,004.5 µg/mL	+/- 36.5484
3	Phenol	108-95-2	MKCT5446	99%	1,003.5 µg/mL	+/- 36.5120
4	Aniline	62-53-3	X22F726	99%	1,004.8 µg/mL	+/- 36.5575
5	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,003.6 µg/mL	+/- 36.5166
6	2-Chlorophenol	95-57-8	STBK4742	99%	1,004.5 µg/mL	+/- 36.5484
7	1,3-Dichlorobenzene	541-73-1	STBL1702	99%	1,003.8 µg/mL	+/- 36.5211
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,003.8 µg/mL	+/- 36.5211
9	Benzyl alcohol	100-51-6	094986W07G	99%	1,003.8 µg/mL	+/- 36.5211
10	1,2-Dichlorobenzene	95-50-1	SHBR4446	99%	1,004.9 µg/mL	+/- 36.5621
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,004.3 µg/mL	+/- 36.5393
12	2,2'-oxybis(1-chloropropane)	108-60-1	RP250904RSR	99%	1,005.0 µg/mL	+/- 36.5666
13	3-Methylphenol (m-cresol)	108-39-4	STBL3873	99%	502.4 µg/mL	+/- 18.2788
14	4-Methylphenol (p-cresol)	106-44-5	SHBQ7653	99%	502.3 µg/mL	+/- 18.2742
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,004.9 µg/mL	+/- 36.5621
16	Hexachloroethane	67-72-1	DAXRI	99%	1,003.9 µg/mL	+/- 36.5257
17	Nitrobenzene	98-95-3	10224044	99%	1,003.9 µg/mL	+/- 36.5257

18	Isophorone	78-59-1	MKCR3249	99%	1,004.8	µg/mL	+/- 36.5575
19	2-Nitrophenol	88-75-5	RP230710	99%	1,003.6	µg/mL	+/- 36.5166
20	2,4-Dimethylphenol	105-67-9	DIRAF	99%	1,004.1	µg/mL	+/- 36.5348
21	Bis(2-chloroethoxy)methane	111-91-1	15705100	99%	1,004.5	µg/mL	+/- 36.5484
22	2,4-Dichlorophenol	120-83-2	BCCK6969	99%	1,004.8	µg/mL	+/- 36.5575
23	1,2,4-Trichlorobenzene	120-82-1	SHBR1701	99%	1,004.0	µg/mL	+/- 36.5302
24	Naphthalene	91-20-3	STBL1057	99%	1,004.0	µg/mL	+/- 36.5302
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,004.5	µg/mL	+/- 36.5484
26	Hexachlorobutadiene	87-68-3	X05J	98%	1,002.7	µg/mL	+/- 36.4816
27	4-Chloro-3-methylphenol	59-50-7	BCCK5906	99%	1,004.3	µg/mL	+/- 36.5393
28	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,000.5	µg/mL	+/- 36.4029
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	1,000.0	µg/mL	+/- 36.3847
30	Hexachlorocyclopentadiene	77-47-4	099063P13G	99%	1,004.0	µg/mL	+/- 36.5302
31	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,003.5	µg/mL	+/- 36.5120
32	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,003.6	µg/mL	+/- 36.5152
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,003.6	µg/mL	+/- 36.5166
34	2-Nitroaniline	88-74-4	RP250625RSR	99%	1,003.8	µg/mL	+/- 36.5211
35	1,4-Dinitrobenzene	100-25-4	RP250401RSR	99%	1,004.6	µg/mL	+/- 36.5530
36	Acenaphthylene	208-96-8	214935V18H	95%	1,000.4	µg/mL	+/- 36.3974
37	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,004.8	µg/mL	+/- 36.5575
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,003.5	µg/mL	+/- 36.5120
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,004.6	µg/mL	+/- 36.5530
40	1,2-Dinitrobenzene	528-29-0	RP250203RSR	99%	1,002.6	µg/mL	+/- 36.4802
41	Acenaphthene	83-32-9	MKCV8166	99%	1,000.0	µg/mL	+/- 36.3847
42	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,003.8	µg/mL	+/- 36.5211
43	2,4-Dinitrophenol	51-28-5	D240927RSR	99%	1,004.1	µg/mL	+/- 36.5348
44	Dibenzofuran	132-64-9	MKCW3845	99%	1,003.6	µg/mL	+/- 36.5166
45	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,003.8	µg/mL	+/- 36.5211
46	4-Nitrophenol	100-02-7	20241120-1-AN	99%	1,003.0	µg/mL	+/- 36.4938
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,003.8	µg/mL	+/- 36.5211
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP250724RSR	99%	1,003.1	µg/mL	+/- 36.4984
49	Fluorene	86-73-7	10246250	98%	1,002.9	µg/mL	+/- 36.4905
50	4-Chlorophenyl phenyl ether	7005-72-3	002531K02D	99%	1,004.3	µg/mL	+/- 36.5393
51	Diethylphthalate	84-66-2	223219R19C	99%	1,004.8	µg/mL	+/- 36.5575
52	4-Nitroaniline	100-01-6	RP240830RSR	99%	1,004.0	µg/mL	+/- 36.5302
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S250805RSR	99%	1,004.8	µg/mL	+/- 36.5575



54	Diphenylamine	122-39-4	MKCT1512	99%	1,004.9	µg/mL	+/- 36.5621
55	Azobenzene	103-33-3	BCCL3292	99%	1,003.9	µg/mL	+/- 36.5257
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,003.9	µg/mL	+/- 36.5257
57	Hexachlorobenzene	118-74-1	16302300	99%	1,004.5	µg/mL	+/- 36.5484
58	Pentachlorophenol	87-86-5	RP240411RSR	99%	1,004.9	µg/mL	+/- 36.5621
59	Phenanthrene	85-01-8	MKCV8193	99%	1,003.8	µg/mL	+/- 36.5211
60	Anthracene	120-12-7	MKCW9141	99%	1,003.3	µg/mL	+/- 36.5029
61	Carbazole	86-74-8	15821400	99%	1,003.1	µg/mL	+/- 36.4984
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,004.6	µg/mL	+/- 36.5530
63	Fluoranthene	206-44-0	A0458721	99%	1,004.8	µg/mL	+/- 36.5575
64	Pyrene	129-00-0	BCCL8032	99%	1,003.8	µg/mL	+/- 36.5211
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,004.9	µg/mL	+/- 36.5621
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,003.4	µg/mL	+/- 36.5075
67	Benz(a)anthracene	56-55-3	I80012022BAA	99%	1,004.3	µg/mL	+/- 36.5393
68	Chrysene	218-01-9	RP250815RSR	99%	1,003.9	µg/mL	+/- 36.5257
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,004.5	µg/mL	+/- 36.5484
70	Di-n-octyl phthalate	117-84-0	16197600	99%	1,004.4	µg/mL	+/- 36.5439
71	Benzo(b)fluoranthene	205-99-2	0225BF	99%	1,005.4	µg/mL	+/- 36.5803
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,004.5	µg/mL	+/- 36.5484
73	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,002.4	µg/mL	+/- 36.4726
74	Indeno(1,2,3-cd)pyrene	193-39-5	17-YMK-40-2	99%	1,004.0	µg/mL	+/- 36.5302
75	Dibenz(a,h)anthracene	53-70-3	712215450-1-1	99%	1,003.5	µg/mL	+/- 36.5120
76	Benzo(g,h,i)perylene	191-24-2	RP250501RSR	98%	1,003.0	µg/mL	+/- 36.4949

* 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.)

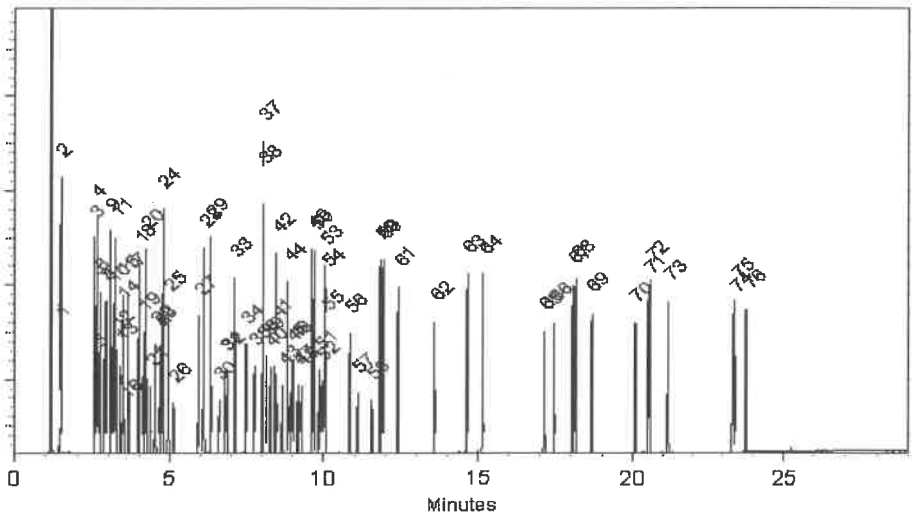
Inj. Temp:
250°C

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.

Dakota Parson - Operations Technician I

Date Mixed: 04-Sep-2025 **Balance Serial #** B345965662

Brittany Federinko - Operations Tech II

Date Passed: 15-Sep-2025

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0229652

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

S13299 ↓ S13328 RC 10/17/25

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%	1,004.9 µg/mL	+/- 36.5621
2	N-Nitrosodimethylamine	62-75-9	S250717RSR	99%	1,004.5 µg/mL	+/- 36.5484
3	Phenol	108-95-2	MKCT5446	99%	1,003.5 µg/mL	+/- 36.5120
4	Aniline	62-53-3	X22F726	99%	1,004.8 µg/mL	+/- 36.5575
5	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,003.6 µg/mL	+/- 36.5166
6	2-Chlorophenol	95-57-8	STBK4742	99%	1,004.5 µg/mL	+/- 36.5484
7	1,3-Dichlorobenzene	541-73-1	STBL1702	99%	1,003.8 µg/mL	+/- 36.5211
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,003.8 µg/mL	+/- 36.5211
9	Benzyl alcohol	100-51-6	094986W07G	99%	1,003.8 µg/mL	+/- 36.5211
10	1,2-Dichlorobenzene	95-50-1	SHBR4446	99%	1,004.9 µg/mL	+/- 36.5621
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,004.3 µg/mL	+/- 36.5393
12	2,2'-oxybis(1-chloropropane)	108-60-1	RP250904RSR	99%	1,005.0 µg/mL	+/- 36.5666
13	3-Methylphenol (m-cresol)	108-39-4	STBL3873	99%	502.4 µg/mL	+/- 18.2788
14	4-Methylphenol (p-cresol)	106-44-5	SHBQ7653	99%	502.3 µg/mL	+/- 18.2742
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,004.9 µg/mL	+/- 36.5621
16	Hexachloroethane	67-72-1	DAXRI	99%	1,003.9 µg/mL	+/- 36.5257
17	Nitrobenzene	98-95-3	10224044	99%	1,003.9 µg/mL	+/- 36.5257

18	Isophorone	78-59-1	MKCR3249	99%	1,004.8	µg/mL	+/- 36.5575
19	2-Nitrophenol	88-75-5	RP230710	99%	1,003.6	µg/mL	+/- 36.5166
20	2,4-Dimethylphenol	105-67-9	DIRAF	99%	1,004.1	µg/mL	+/- 36.5348
21	Bis(2-chloroethoxy)methane	111-91-1	15705100	99%	1,004.5	µg/mL	+/- 36.5484
22	2,4-Dichlorophenol	120-83-2	BCCK6969	99%	1,004.8	µg/mL	+/- 36.5575
23	1,2,4-Trichlorobenzene	120-82-1	SHBR1701	99%	1,004.0	µg/mL	+/- 36.5302
24	Naphthalene	91-20-3	STBL1057	99%	1,004.0	µg/mL	+/- 36.5302
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,004.5	µg/mL	+/- 36.5484
26	Hexachlorobutadiene	87-68-3	X05J	98%	1,002.7	µg/mL	+/- 36.4816
27	4-Chloro-3-methylphenol	59-50-7	BCCK5906	99%	1,004.3	µg/mL	+/- 36.5393
28	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,000.5	µg/mL	+/- 36.4029
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	1,000.0	µg/mL	+/- 36.3847
30	Hexachlorocyclopentadiene	77-47-4	099063P13G	99%	1,004.0	µg/mL	+/- 36.5302
31	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,003.5	µg/mL	+/- 36.5120
32	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,003.6	µg/mL	+/- 36.5152
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,003.6	µg/mL	+/- 36.5166
34	2-Nitroaniline	88-74-4	RP250625RSR	99%	1,003.8	µg/mL	+/- 36.5211
35	1,4-Dinitrobenzene	100-25-4	RP250401RSR	99%	1,004.6	µg/mL	+/- 36.5530
36	Acenaphthylene	208-96-8	214935V18H	95%	1,000.4	µg/mL	+/- 36.3974
37	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,004.8	µg/mL	+/- 36.5575
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,003.5	µg/mL	+/- 36.5120
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,004.6	µg/mL	+/- 36.5530
40	1,2-Dinitrobenzene	528-29-0	RP250203RSR	99%	1,002.6	µg/mL	+/- 36.4802
41	Acenaphthene	83-32-9	MKCV8166	99%	1,000.0	µg/mL	+/- 36.3847
42	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,003.8	µg/mL	+/- 36.5211
43	2,4-Dinitrophenol	51-28-5	D240927RSR	99%	1,004.1	µg/mL	+/- 36.5348
44	Dibenzofuran	132-64-9	MKCW3845	99%	1,003.6	µg/mL	+/- 36.5166
45	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,003.8	µg/mL	+/- 36.5211
46	4-Nitrophenol	100-02-7	20241120-1-AN	99%	1,003.0	µg/mL	+/- 36.4938
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,003.8	µg/mL	+/- 36.5211
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP250724RSR	99%	1,003.1	µg/mL	+/- 36.4984
49	Fluorene	86-73-7	10246250	98%	1,002.9	µg/mL	+/- 36.4905
50	4-Chlorophenyl phenyl ether	7005-72-3	002531K02D	99%	1,004.3	µg/mL	+/- 36.5393
51	Diethylphthalate	84-66-2	223219R19C	99%	1,004.8	µg/mL	+/- 36.5575
52	4-Nitroaniline	100-01-6	RP240830RSR	99%	1,004.0	µg/mL	+/- 36.5302
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S250805RSR	99%	1,004.8	µg/mL	+/- 36.5575



54	Diphenylamine	122-39-4	MKCT1512	99%	1,004.9	µg/mL	+/- 36.5621
55	Azobenzene	103-33-3	BCCL3292	99%	1,003.9	µg/mL	+/- 36.5257
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,003.9	µg/mL	+/- 36.5257
57	Hexachlorobenzene	118-74-1	16302300	99%	1,004.5	µg/mL	+/- 36.5484
58	Pentachlorophenol	87-86-5	RP240411RSR	99%	1,004.9	µg/mL	+/- 36.5621
59	Phenanthrene	85-01-8	MKCV8193	99%	1,003.8	µg/mL	+/- 36.5211
60	Anthracene	120-12-7	MKCW9141	99%	1,003.3	µg/mL	+/- 36.5029
61	Carbazole	86-74-8	15821400	99%	1,003.1	µg/mL	+/- 36.4984
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,004.6	µg/mL	+/- 36.5530
63	Fluoranthene	206-44-0	A0458721	99%	1,004.8	µg/mL	+/- 36.5575
64	Pyrene	129-00-0	BCCL8032	99%	1,003.8	µg/mL	+/- 36.5211
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,004.9	µg/mL	+/- 36.5621
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,003.4	µg/mL	+/- 36.5075
67	Benz(a)anthracene	56-55-3	I80012022BAA	99%	1,004.3	µg/mL	+/- 36.5393
68	Chrysene	218-01-9	RP250815RSR	99%	1,003.9	µg/mL	+/- 36.5257
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,004.5	µg/mL	+/- 36.5484
70	Di-n-octyl phthalate	117-84-0	16197600	99%	1,004.4	µg/mL	+/- 36.5439
71	Benzo(b)fluoranthene	205-99-2	0225BF	99%	1,005.4	µg/mL	+/- 36.5803
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,004.5	µg/mL	+/- 36.5484
73	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,002.4	µg/mL	+/- 36.4726
74	Indeno(1,2,3-cd)pyrene	193-39-5	17-YMK-40-2	99%	1,004.0	µg/mL	+/- 36.5302
75	Dibenz(a,h)anthracene	53-70-3	712215450-1-1	99%	1,003.5	µg/mL	+/- 36.5120
76	Benzo(g,h,i)perylene	191-24-2	RP250501RSR	98%	1,003.0	µg/mL	+/- 36.4949

* 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.)

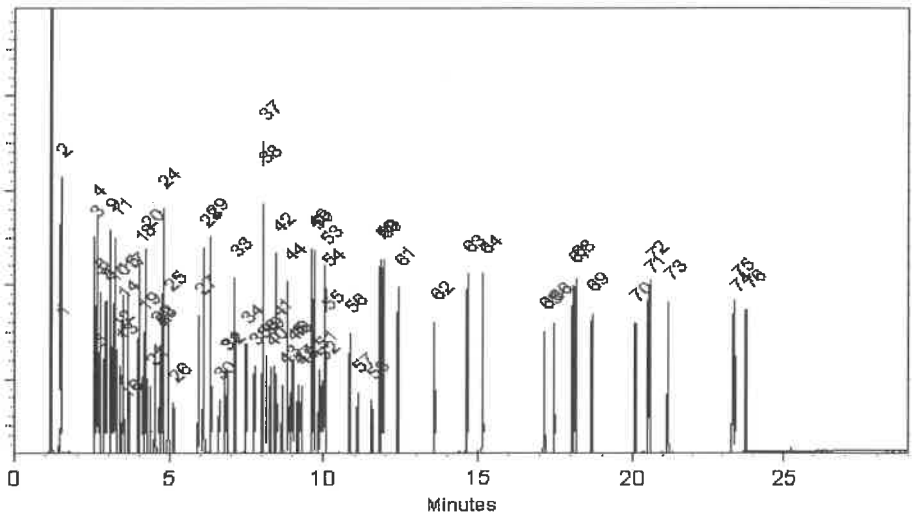
Inj. Temp:
250°C

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.

Dakota Parson - Operations Technician I

Date Mixed: 04-Sep-2025 **Balance Serial #** B345965662

Brittany Federinko - Operations Tech II

Date Passed: 15-Sep-2025

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0229652

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

S13299 ↓ S13328 RC 10/17/25

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%	1,004.9 µg/mL	+/- 36.5621
2	N-Nitrosodimethylamine	62-75-9	S250717RSR	99%	1,004.5 µg/mL	+/- 36.5484
3	Phenol	108-95-2	MKCT5446	99%	1,003.5 µg/mL	+/- 36.5120
4	Aniline	62-53-3	X22F726	99%	1,004.8 µg/mL	+/- 36.5575
5	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,003.6 µg/mL	+/- 36.5166
6	2-Chlorophenol	95-57-8	STBK4742	99%	1,004.5 µg/mL	+/- 36.5484
7	1,3-Dichlorobenzene	541-73-1	STBL1702	99%	1,003.8 µg/mL	+/- 36.5211
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,003.8 µg/mL	+/- 36.5211
9	Benzyl alcohol	100-51-6	094986W07G	99%	1,003.8 µg/mL	+/- 36.5211
10	1,2-Dichlorobenzene	95-50-1	SHBR4446	99%	1,004.9 µg/mL	+/- 36.5621
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,004.3 µg/mL	+/- 36.5393
12	2,2'-oxybis(1-chloropropane)	108-60-1	RP250904RSR	99%	1,005.0 µg/mL	+/- 36.5666
13	3-Methylphenol (m-cresol)	108-39-4	STBL3873	99%	502.4 µg/mL	+/- 18.2788
14	4-Methylphenol (p-cresol)	106-44-5	SHBQ7653	99%	502.3 µg/mL	+/- 18.2742
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,004.9 µg/mL	+/- 36.5621
16	Hexachloroethane	67-72-1	DAXRI	99%	1,003.9 µg/mL	+/- 36.5257
17	Nitrobenzene	98-95-3	10224044	99%	1,003.9 µg/mL	+/- 36.5257

18	Isophorone	78-59-1	MKCR3249	99%	1,004.8	µg/mL	+/- 36.5575
19	2-Nitrophenol	88-75-5	RP230710	99%	1,003.6	µg/mL	+/- 36.5166
20	2,4-Dimethylphenol	105-67-9	DIRAF	99%	1,004.1	µg/mL	+/- 36.5348
21	Bis(2-chloroethoxy)methane	111-91-1	15705100	99%	1,004.5	µg/mL	+/- 36.5484
22	2,4-Dichlorophenol	120-83-2	BCCK6969	99%	1,004.8	µg/mL	+/- 36.5575
23	1,2,4-Trichlorobenzene	120-82-1	SHBR1701	99%	1,004.0	µg/mL	+/- 36.5302
24	Naphthalene	91-20-3	STBL1057	99%	1,004.0	µg/mL	+/- 36.5302
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,004.5	µg/mL	+/- 36.5484
26	Hexachlorobutadiene	87-68-3	X05J	98%	1,002.7	µg/mL	+/- 36.4816
27	4-Chloro-3-methylphenol	59-50-7	BCCK5906	99%	1,004.3	µg/mL	+/- 36.5393
28	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,000.5	µg/mL	+/- 36.4029
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	1,000.0	µg/mL	+/- 36.3847
30	Hexachlorocyclopentadiene	77-47-4	099063P13G	99%	1,004.0	µg/mL	+/- 36.5302
31	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,003.5	µg/mL	+/- 36.5120
32	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,003.6	µg/mL	+/- 36.5152
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,003.6	µg/mL	+/- 36.5166
34	2-Nitroaniline	88-74-4	RP250625RSR	99%	1,003.8	µg/mL	+/- 36.5211
35	1,4-Dinitrobenzene	100-25-4	RP250401RSR	99%	1,004.6	µg/mL	+/- 36.5530
36	Acenaphthylene	208-96-8	214935V18H	95%	1,000.4	µg/mL	+/- 36.3974
37	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,004.8	µg/mL	+/- 36.5575
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,003.5	µg/mL	+/- 36.5120
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,004.6	µg/mL	+/- 36.5530
40	1,2-Dinitrobenzene	528-29-0	RP250203RSR	99%	1,002.6	µg/mL	+/- 36.4802
41	Acenaphthene	83-32-9	MKCV8166	99%	1,000.0	µg/mL	+/- 36.3847
42	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,003.8	µg/mL	+/- 36.5211
43	2,4-Dinitrophenol	51-28-5	D240927RSR	99%	1,004.1	µg/mL	+/- 36.5348
44	Dibenzofuran	132-64-9	MKCW3845	99%	1,003.6	µg/mL	+/- 36.5166
45	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,003.8	µg/mL	+/- 36.5211
46	4-Nitrophenol	100-02-7	20241120-1-AN	99%	1,003.0	µg/mL	+/- 36.4938
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,003.8	µg/mL	+/- 36.5211
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP250724RSR	99%	1,003.1	µg/mL	+/- 36.4984
49	Fluorene	86-73-7	10246250	98%	1,002.9	µg/mL	+/- 36.4905
50	4-Chlorophenyl phenyl ether	7005-72-3	002531K02D	99%	1,004.3	µg/mL	+/- 36.5393
51	Diethylphthalate	84-66-2	223219R19C	99%	1,004.8	µg/mL	+/- 36.5575
52	4-Nitroaniline	100-01-6	RP240830RSR	99%	1,004.0	µg/mL	+/- 36.5302
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S250805RSR	99%	1,004.8	µg/mL	+/- 36.5575



54	Diphenylamine	122-39-4	MKCT1512	99%	1,004.9	µg/mL	+/- 36.5621
55	Azobenzene	103-33-3	BCCL3292	99%	1,003.9	µg/mL	+/- 36.5257
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,003.9	µg/mL	+/- 36.5257
57	Hexachlorobenzene	118-74-1	16302300	99%	1,004.5	µg/mL	+/- 36.5484
58	Pentachlorophenol	87-86-5	RP240411RSR	99%	1,004.9	µg/mL	+/- 36.5621
59	Phenanthrene	85-01-8	MKCV8193	99%	1,003.8	µg/mL	+/- 36.5211
60	Anthracene	120-12-7	MKCW9141	99%	1,003.3	µg/mL	+/- 36.5029
61	Carbazole	86-74-8	15821400	99%	1,003.1	µg/mL	+/- 36.4984
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,004.6	µg/mL	+/- 36.5530
63	Fluoranthene	206-44-0	A0458721	99%	1,004.8	µg/mL	+/- 36.5575
64	Pyrene	129-00-0	BCCL8032	99%	1,003.8	µg/mL	+/- 36.5211
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,004.9	µg/mL	+/- 36.5621
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,003.4	µg/mL	+/- 36.5075
67	Benz(a)anthracene	56-55-3	I80012022BAA	99%	1,004.3	µg/mL	+/- 36.5393
68	Chrysene	218-01-9	RP250815RSR	99%	1,003.9	µg/mL	+/- 36.5257
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,004.5	µg/mL	+/- 36.5484
70	Di-n-octyl phthalate	117-84-0	16197600	99%	1,004.4	µg/mL	+/- 36.5439
71	Benzo(b)fluoranthene	205-99-2	0225BF	99%	1,005.4	µg/mL	+/- 36.5803
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,004.5	µg/mL	+/- 36.5484
73	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,002.4	µg/mL	+/- 36.4726
74	Indeno(1,2,3-cd)pyrene	193-39-5	17-YMK-40-2	99%	1,004.0	µg/mL	+/- 36.5302
75	Dibenz(a,h)anthracene	53-70-3	712215450-1-1	99%	1,003.5	µg/mL	+/- 36.5120
76	Benzo(g,h,i)perylene	191-24-2	RP250501RSR	98%	1,003.0	µg/mL	+/- 36.4949

* 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.)

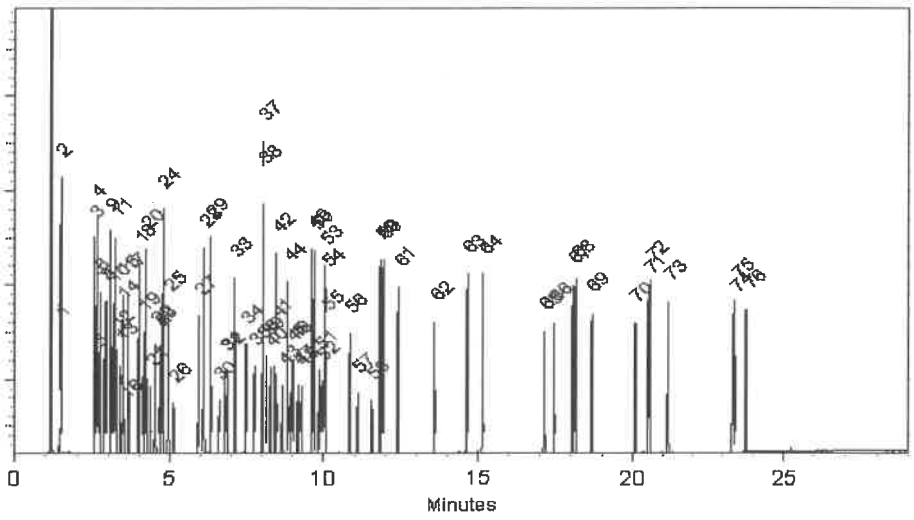
Inj. Temp:
250°C

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.

Dakota Parson - Operations Technician I

Date Mixed: 04-Sep-2025 **Balance Serial #** B345965662

Brittany Federinko - Operations Tech II

Date Passed: 15-Sep-2025

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0229652

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

S13299 ↓ S13328 RC 10/17/25

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%	1,004.9 µg/mL	+/- 36.5621
2	N-Nitrosodimethylamine	62-75-9	S250717RSR	99%	1,004.5 µg/mL	+/- 36.5484
3	Phenol	108-95-2	MKCT5446	99%	1,003.5 µg/mL	+/- 36.5120
4	Aniline	62-53-3	X22F726	99%	1,004.8 µg/mL	+/- 36.5575
5	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,003.6 µg/mL	+/- 36.5166
6	2-Chlorophenol	95-57-8	STBK4742	99%	1,004.5 µg/mL	+/- 36.5484
7	1,3-Dichlorobenzene	541-73-1	STBL1702	99%	1,003.8 µg/mL	+/- 36.5211
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,003.8 µg/mL	+/- 36.5211
9	Benzyl alcohol	100-51-6	094986W07G	99%	1,003.8 µg/mL	+/- 36.5211
10	1,2-Dichlorobenzene	95-50-1	SHBR4446	99%	1,004.9 µg/mL	+/- 36.5621
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,004.3 µg/mL	+/- 36.5393
12	2,2'-oxybis(1-chloropropane)	108-60-1	RP250904RSR	99%	1,005.0 µg/mL	+/- 36.5666
13	3-Methylphenol (m-cresol)	108-39-4	STBL3873	99%	502.4 µg/mL	+/- 18.2788
14	4-Methylphenol (p-cresol)	106-44-5	SHBQ7653	99%	502.3 µg/mL	+/- 18.2742
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,004.9 µg/mL	+/- 36.5621
16	Hexachloroethane	67-72-1	DAXRI	99%	1,003.9 µg/mL	+/- 36.5257
17	Nitrobenzene	98-95-3	10224044	99%	1,003.9 µg/mL	+/- 36.5257

18	Isophorone	78-59-1	MKCR3249	99%	1,004.8	µg/mL	+/- 36.5575
19	2-Nitrophenol	88-75-5	RP230710	99%	1,003.6	µg/mL	+/- 36.5166
20	2,4-Dimethylphenol	105-67-9	DIRAF	99%	1,004.1	µg/mL	+/- 36.5348
21	Bis(2-chloroethoxy)methane	111-91-1	15705100	99%	1,004.5	µg/mL	+/- 36.5484
22	2,4-Dichlorophenol	120-83-2	BCCK6969	99%	1,004.8	µg/mL	+/- 36.5575
23	1,2,4-Trichlorobenzene	120-82-1	SHBR1701	99%	1,004.0	µg/mL	+/- 36.5302
24	Naphthalene	91-20-3	STBL1057	99%	1,004.0	µg/mL	+/- 36.5302
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,004.5	µg/mL	+/- 36.5484
26	Hexachlorobutadiene	87-68-3	X05J	98%	1,002.7	µg/mL	+/- 36.4816
27	4-Chloro-3-methylphenol	59-50-7	BCCK5906	99%	1,004.3	µg/mL	+/- 36.5393
28	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,000.5	µg/mL	+/- 36.4029
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	1,000.0	µg/mL	+/- 36.3847
30	Hexachlorocyclopentadiene	77-47-4	099063P13G	99%	1,004.0	µg/mL	+/- 36.5302
31	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,003.5	µg/mL	+/- 36.5120
32	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,003.6	µg/mL	+/- 36.5152
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,003.6	µg/mL	+/- 36.5166
34	2-Nitroaniline	88-74-4	RP250625RSR	99%	1,003.8	µg/mL	+/- 36.5211
35	1,4-Dinitrobenzene	100-25-4	RP250401RSR	99%	1,004.6	µg/mL	+/- 36.5530
36	Acenaphthylene	208-96-8	214935V18H	95%	1,000.4	µg/mL	+/- 36.3974
37	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,004.8	µg/mL	+/- 36.5575
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,003.5	µg/mL	+/- 36.5120
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,004.6	µg/mL	+/- 36.5530
40	1,2-Dinitrobenzene	528-29-0	RP250203RSR	99%	1,002.6	µg/mL	+/- 36.4802
41	Acenaphthene	83-32-9	MKCV8166	99%	1,000.0	µg/mL	+/- 36.3847
42	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,003.8	µg/mL	+/- 36.5211
43	2,4-Dinitrophenol	51-28-5	D240927RSR	99%	1,004.1	µg/mL	+/- 36.5348
44	Dibenzofuran	132-64-9	MKCW3845	99%	1,003.6	µg/mL	+/- 36.5166
45	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,003.8	µg/mL	+/- 36.5211
46	4-Nitrophenol	100-02-7	20241120-1-AN	99%	1,003.0	µg/mL	+/- 36.4938
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,003.8	µg/mL	+/- 36.5211
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP250724RSR	99%	1,003.1	µg/mL	+/- 36.4984
49	Fluorene	86-73-7	10246250	98%	1,002.9	µg/mL	+/- 36.4905
50	4-Chlorophenyl phenyl ether	7005-72-3	002531K02D	99%	1,004.3	µg/mL	+/- 36.5393
51	Diethylphthalate	84-66-2	223219R19C	99%	1,004.8	µg/mL	+/- 36.5575
52	4-Nitroaniline	100-01-6	RP240830RSR	99%	1,004.0	µg/mL	+/- 36.5302
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S250805RSR	99%	1,004.8	µg/mL	+/- 36.5575



54	Diphenylamine	122-39-4	MKCT1512	99%	1,004.9	µg/mL	+/- 36.5621
55	Azobenzene	103-33-3	BCCL3292	99%	1,003.9	µg/mL	+/- 36.5257
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,003.9	µg/mL	+/- 36.5257
57	Hexachlorobenzene	118-74-1	16302300	99%	1,004.5	µg/mL	+/- 36.5484
58	Pentachlorophenol	87-86-5	RP240411RSR	99%	1,004.9	µg/mL	+/- 36.5621
59	Phenanthrene	85-01-8	MKCV8193	99%	1,003.8	µg/mL	+/- 36.5211
60	Anthracene	120-12-7	MKCW9141	99%	1,003.3	µg/mL	+/- 36.5029
61	Carbazole	86-74-8	15821400	99%	1,003.1	µg/mL	+/- 36.4984
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,004.6	µg/mL	+/- 36.5530
63	Fluoranthene	206-44-0	A0458721	99%	1,004.8	µg/mL	+/- 36.5575
64	Pyrene	129-00-0	BCCL8032	99%	1,003.8	µg/mL	+/- 36.5211
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,004.9	µg/mL	+/- 36.5621
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,003.4	µg/mL	+/- 36.5075
67	Benz(a)anthracene	56-55-3	I80012022BAA	99%	1,004.3	µg/mL	+/- 36.5393
68	Chrysene	218-01-9	RP250815RSR	99%	1,003.9	µg/mL	+/- 36.5257
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,004.5	µg/mL	+/- 36.5484
70	Di-n-octyl phthalate	117-84-0	16197600	99%	1,004.4	µg/mL	+/- 36.5439
71	Benzo(b)fluoranthene	205-99-2	0225BF	99%	1,005.4	µg/mL	+/- 36.5803
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,004.5	µg/mL	+/- 36.5484
73	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,002.4	µg/mL	+/- 36.4726
74	Indeno(1,2,3-cd)pyrene	193-39-5	17-YMK-40-2	99%	1,004.0	µg/mL	+/- 36.5302
75	Dibenz(a,h)anthracene	53-70-3	712215450-1-1	99%	1,003.5	µg/mL	+/- 36.5120
76	Benzo(g,h,i)perylene	191-24-2	RP250501RSR	98%	1,003.0	µg/mL	+/- 36.4949

* 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.)

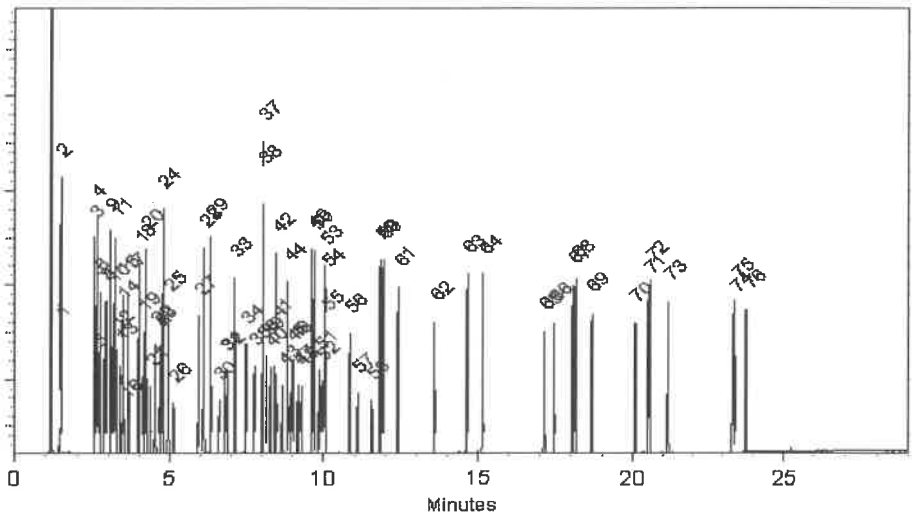
Inj. Temp:
250°C

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.

Dakota Parson - Operations Technician I

Date Mixed: 04-Sep-2025 **Balance Serial #** B345965662

Brittany Federinko - Operations Tech II

Date Passed: 15-Sep-2025

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0229652

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

S13299 ↓ S13328 RC 10/17/25

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%	1,004.9 µg/mL	+/- 36.5621
2	N-Nitrosodimethylamine	62-75-9	S250717RSR	99%	1,004.5 µg/mL	+/- 36.5484
3	Phenol	108-95-2	MKCT5446	99%	1,003.5 µg/mL	+/- 36.5120
4	Aniline	62-53-3	X22F726	99%	1,004.8 µg/mL	+/- 36.5575
5	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,003.6 µg/mL	+/- 36.5166
6	2-Chlorophenol	95-57-8	STBK4742	99%	1,004.5 µg/mL	+/- 36.5484
7	1,3-Dichlorobenzene	541-73-1	STBL1702	99%	1,003.8 µg/mL	+/- 36.5211
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,003.8 µg/mL	+/- 36.5211
9	Benzyl alcohol	100-51-6	094986W07G	99%	1,003.8 µg/mL	+/- 36.5211
10	1,2-Dichlorobenzene	95-50-1	SHBR4446	99%	1,004.9 µg/mL	+/- 36.5621
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,004.3 µg/mL	+/- 36.5393
12	2,2'-oxybis(1-chloropropane)	108-60-1	RP250904RSR	99%	1,005.0 µg/mL	+/- 36.5666
13	3-Methylphenol (m-cresol)	108-39-4	STBL3873	99%	502.4 µg/mL	+/- 18.2788
14	4-Methylphenol (p-cresol)	106-44-5	SHBQ7653	99%	502.3 µg/mL	+/- 18.2742
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,004.9 µg/mL	+/- 36.5621
16	Hexachloroethane	67-72-1	DAXRI	99%	1,003.9 µg/mL	+/- 36.5257
17	Nitrobenzene	98-95-3	10224044	99%	1,003.9 µg/mL	+/- 36.5257

18	Isophorone	78-59-1	MKCR3249	99%	1,004.8	µg/mL	+/- 36.5575
19	2-Nitrophenol	88-75-5	RP230710	99%	1,003.6	µg/mL	+/- 36.5166
20	2,4-Dimethylphenol	105-67-9	DIRAF	99%	1,004.1	µg/mL	+/- 36.5348
21	Bis(2-chloroethoxy)methane	111-91-1	15705100	99%	1,004.5	µg/mL	+/- 36.5484
22	2,4-Dichlorophenol	120-83-2	BCCK6969	99%	1,004.8	µg/mL	+/- 36.5575
23	1,2,4-Trichlorobenzene	120-82-1	SHBR1701	99%	1,004.0	µg/mL	+/- 36.5302
24	Naphthalene	91-20-3	STBL1057	99%	1,004.0	µg/mL	+/- 36.5302
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,004.5	µg/mL	+/- 36.5484
26	Hexachlorobutadiene	87-68-3	X05J	98%	1,002.7	µg/mL	+/- 36.4816
27	4-Chloro-3-methylphenol	59-50-7	BCCK5906	99%	1,004.3	µg/mL	+/- 36.5393
28	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,000.5	µg/mL	+/- 36.4029
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	1,000.0	µg/mL	+/- 36.3847
30	Hexachlorocyclopentadiene	77-47-4	099063P13G	99%	1,004.0	µg/mL	+/- 36.5302
31	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,003.5	µg/mL	+/- 36.5120
32	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,003.6	µg/mL	+/- 36.5152
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,003.6	µg/mL	+/- 36.5166
34	2-Nitroaniline	88-74-4	RP250625RSR	99%	1,003.8	µg/mL	+/- 36.5211
35	1,4-Dinitrobenzene	100-25-4	RP250401RSR	99%	1,004.6	µg/mL	+/- 36.5530
36	Acenaphthylene	208-96-8	214935V18H	95%	1,000.4	µg/mL	+/- 36.3974
37	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,004.8	µg/mL	+/- 36.5575
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,003.5	µg/mL	+/- 36.5120
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,004.6	µg/mL	+/- 36.5530
40	1,2-Dinitrobenzene	528-29-0	RP250203RSR	99%	1,002.6	µg/mL	+/- 36.4802
41	Acenaphthene	83-32-9	MKCV8166	99%	1,000.0	µg/mL	+/- 36.3847
42	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,003.8	µg/mL	+/- 36.5211
43	2,4-Dinitrophenol	51-28-5	D240927RSR	99%	1,004.1	µg/mL	+/- 36.5348
44	Dibenzofuran	132-64-9	MKCW3845	99%	1,003.6	µg/mL	+/- 36.5166
45	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,003.8	µg/mL	+/- 36.5211
46	4-Nitrophenol	100-02-7	20241120-1-AN	99%	1,003.0	µg/mL	+/- 36.4938
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,003.8	µg/mL	+/- 36.5211
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP250724RSR	99%	1,003.1	µg/mL	+/- 36.4984
49	Fluorene	86-73-7	10246250	98%	1,002.9	µg/mL	+/- 36.4905
50	4-Chlorophenyl phenyl ether	7005-72-3	002531K02D	99%	1,004.3	µg/mL	+/- 36.5393
51	Diethylphthalate	84-66-2	223219R19C	99%	1,004.8	µg/mL	+/- 36.5575
52	4-Nitroaniline	100-01-6	RP240830RSR	99%	1,004.0	µg/mL	+/- 36.5302
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S250805RSR	99%	1,004.8	µg/mL	+/- 36.5575



54	Diphenylamine	122-39-4	MKCT1512	99%	1,004.9	µg/mL	+/- 36.5621
55	Azobenzene	103-33-3	BCCL3292	99%	1,003.9	µg/mL	+/- 36.5257
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,003.9	µg/mL	+/- 36.5257
57	Hexachlorobenzene	118-74-1	16302300	99%	1,004.5	µg/mL	+/- 36.5484
58	Pentachlorophenol	87-86-5	RP240411RSR	99%	1,004.9	µg/mL	+/- 36.5621
59	Phenanthrene	85-01-8	MKCV8193	99%	1,003.8	µg/mL	+/- 36.5211
60	Anthracene	120-12-7	MKCW9141	99%	1,003.3	µg/mL	+/- 36.5029
61	Carbazole	86-74-8	15821400	99%	1,003.1	µg/mL	+/- 36.4984
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,004.6	µg/mL	+/- 36.5530
63	Fluoranthene	206-44-0	A0458721	99%	1,004.8	µg/mL	+/- 36.5575
64	Pyrene	129-00-0	BCCL8032	99%	1,003.8	µg/mL	+/- 36.5211
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,004.9	µg/mL	+/- 36.5621
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,003.4	µg/mL	+/- 36.5075
67	Benz(a)anthracene	56-55-3	I80012022BAA	99%	1,004.3	µg/mL	+/- 36.5393
68	Chrysene	218-01-9	RP250815RSR	99%	1,003.9	µg/mL	+/- 36.5257
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,004.5	µg/mL	+/- 36.5484
70	Di-n-octyl phthalate	117-84-0	16197600	99%	1,004.4	µg/mL	+/- 36.5439
71	Benzo(b)fluoranthene	205-99-2	0225BF	99%	1,005.4	µg/mL	+/- 36.5803
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,004.5	µg/mL	+/- 36.5484
73	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,002.4	µg/mL	+/- 36.4726
74	Indeno(1,2,3-cd)pyrene	193-39-5	17-YMK-40-2	99%	1,004.0	µg/mL	+/- 36.5302
75	Dibenz(a,h)anthracene	53-70-3	712215450-1-1	99%	1,003.5	µg/mL	+/- 36.5120
76	Benzo(g,h,i)perylene	191-24-2	RP250501RSR	98%	1,003.0	µg/mL	+/- 36.4949

* 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.)

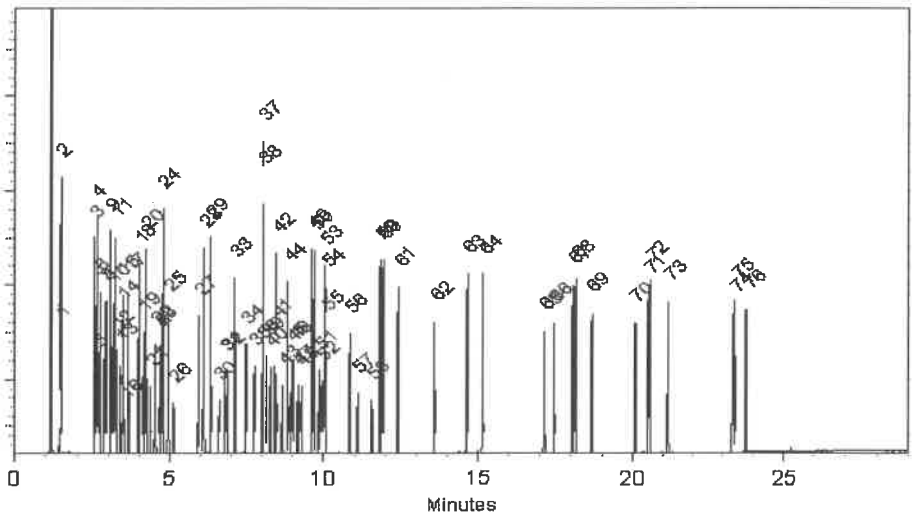
Inj. Temp:
250°C

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.

Dakota Parson - Operations Technician I

Date Mixed: 04-Sep-2025 **Balance Serial #** B345965662

Brittany Federinko - Operations Tech II

Date Passed: 15-Sep-2025

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric

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. : 555869 **Lot No.:** A0201702

Description : Custom Hexachlorocyclopentadiene Standard

Custom Hexachlorocyclopentadiene 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

513148 ↓ 513157 RC 11/13/23

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. Q3839
QUOTE NO.
COC Number 2047387

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Woodard & Curran
ADDRESS: 400 Penn Center Blvd, Suite 600
CITY Pittsburgh STATE: PA ZIP: 15235
ATTENTION: Bruce Geno
PHONE: 412-535-5174 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: PPG Riverside
PROJECT NO.: LOCATION: Newark, NJ
PROJECT MANAGER:
e-mail: Bruce Geno
PHONE: 412-535-5174 FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): Standard DAYS*
EDD: Standard DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☑ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC + Raw Data) ☐ NYS ASP A ☐ NYS ASP B ☐ Other
☑ EDD FORMAT Haz Site

ANALYSIS

1: Metals Group 4 2: EPH 3: Flashpoint 4: Mercury 5: Metals - ICP-TAL 6: PCB 7: SVOC-TCL-BNA-20 8: SVOC-TCLVOA-16 9:

PRESERVATIVES

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	PRES 1	PRES 2	PRES 3	PRES 4	PRES 5	PRES 6	PRES 7	PRES 8	PRES 9
1.	B128(0-1)120925	Soil		X	12/9/25	1415	1	X								
2.	B128(1-2)120925	S		X	12/9/25	1420	1	X								
3.	B128(2-4)120925	S		X	12/9/25	1425	1	X								
4.	B128 (4-6)120925	S		X	12/9/25	1430	1	X								
5.	B128(6-8)120925	S		X	12/9/25	1435	1	X								
6.	B128(4-6)/MS 120925	S		X	12/9/25	1430	1	X								
7.	B128(4-6)MSD 120925	S		X	12/9/25	1430	1	X								
8.	Dup-1 120925	S		X	12/9/25	—	1	X								
9.	B127(5.5-8)120925	S		X	12/9/25	1545	6		X	X	X	X	X	X	X	
10.	B127(8-10)120925	S		X	12/9/25	1550	6		X	X	X	X	X	X	X	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	12/9/25 1335	1.
2.	DATE/TIME:	2.
3.	DATE/TIME: 1420 12.10.2025	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT COOLER TEMP 3.0c °C
Comments: IR Gun#1 3.0c to= 3.0c
* Envirodata, Equis Region 2

Page 3 of 3

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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www.chemtech.net

ALLIANCE PROJECT NO. Q3839
QUOTE NO.
COC Number 2047385

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Woodard & Curran
ADDRESS: 400 Penn Center Blvd, Suite 600
CITY Pittsburgh STATE: PA ZIP: 15235
ATTENTION: Brice Geno
PHONE: 412-535-5174 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: PPG Riverside
PROJECT NO.: LOCATION: Newark, NJ
PROJECT MANAGER:
e-mail: bgeno@woodardcurran.com
PHONE: 412-535-5174 FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) DAYS*
HARDCOPY (DATA PACKAGE): Standard DAYS*
EDD: Standard DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☑ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC + Raw Data) ☐ NYS ASP A ☐ NYS ASP B ☐ Other
☐ EDD FORMAT Haz Site

ANALYSIS

1: Metals Group 4
2: EPH
3: Flashpoint
4: Mercury
5: Metals ICP-TAL
6: PCB
7: SVOC-TCL-BNA-20
8: SVOC-TCLP104-10
9:

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
								F	F	F	F	F	F	F	F	I	← Specify Preservatives A-HCl D-NaOH B-HN03 E-ICE C-H2SO4 F-OTHER
1.	B119(0-1)#120925	Soil		X	12-9-25	1015	1	X									
2.	B119 (1-2) 120925	S		X	12-9-25	1020	1	X									
3.	B119 (2-4) 120925	S		X	12-9-25	1025	1	X									
4.	B119 (4-6) 120925	S		X	12-9-25	1030	1	X									
5.	B119 (6-8) 120925	S		X	12-9-25	1035	1	X									
6.	B121 (0-1) 120925	S		X	12-9-25	1105	1	X									
7.	B121 (1-2) 120925	S		X	12-9-25	1110	1	X									
8.	B121 (2-4) 120925	S		X	12-9-25	1115	1	X									
9.	B121 (4-6) 120925	S		X	12-9-25	1120	1	X									
10.	B121 (6-8) 120925	S		X	12-9-25	1125	1	X									

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	12/9/25 1335	1.
2.		2.
3.	12.10.2025 1020	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☒ COOLER TEMP 3.2 °C
Comments: IR Gun #1 3.2 +0 = 3.2°
Δ Envirodata, Equis Region 2

Page 1 of 3

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q3834
COC Number 2047386

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Woodard & Curran
ADDRESS: 400 Penn Center Blvd, Suite 600
CITY Pittsburgh STATE: PA ZIP: 15235
ATTENTION: Bruce Geno
PHONE: 412-535-5174 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: PPG Riverside
PROJECT NO.: LOCATION: Newark, NJ
PROJECT MANAGER:
e-mail: bgeno@woodardcurran.com
PHONE: 412-535-5174 FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): Standard DAYS*
EDD: Standard DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☑ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC + Raw Data) ☐ NYS ASP A ☐ NYS ASP B
☐ Other
☑ EDD FORMAT Haz Site

ANALYSIS

1: Metals Group 4
2: EPH
3: Flashpoint
4: Mercury
5: Metals ICP-TAL
6: PCB
7: SVOC TCL-BNA-20
8: SVOC-TCLVOA-10
9:

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES F 1	F 2	F 3	F 4	F 5	F 6	F 7	F 8	9	COMMENTS
1.	B123(0-1)120925	Soil		X	12-9-25	1145	1	X									
2.	B123(1-2)120925	S		X	12-9-25	1150	1	X									
3.	B123(2-4)120925	S		X	12-9-25	1155	1	X									
4.	B123(4-6)120925	S		X	12-9-25	1200	1	X									
5.	B123(6-8)120925	S		X	12-9-25	1205	1	X									
6.	B125(0-1)120925	S		X	12-9-25	1225	1	X									
7.	B125(1-2)120925	S		X	12-9-25	1230	1	X									
8.	B125(2-4)120925	S		X	12-9-25	1235	1	X									
9.	B123(4-6)120925	S		X	12-9-25	1240	1	X									
10.	B125(6-8)120925	S		X	12-9-25	1245	1	X									

← Specify Preservatives: A-HCl, B-HN03, C-H2SO4, D-NaOH, E-ICE, F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	12/9/25/1323	1.
2.		2.
3.	12.10.2025 1420	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP °C
Comments: IR Gun #1 3.2° +0 = 3.2°
→ Enviradata, Equis Region 2

Page 2 of 3

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3834 WOOD06
Client Name : Woodard & Curran
Client Contact : Bruce Geno
Invoice Name : Woodard & Curran
Invoice Contact : Bruce Geno

Order Date : 12/10/2025 1:42:00 PM
Project Name : US EPA Riverside Industria
Receive DateTime : 12/10/2025 ~~12:00:00 AM~~ 14:20
Purchase Order :

Project Mgr :
Report Type : Level 4
EDD Type : Equis Region2(MEDD)
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3834-29	B127(5.5-8)120925	Solid	12/09/2025	15:45					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q3834-30	~~B128~~ B127 (8-10)120925	Solid	12/09/2025	15:50					
					VOC-TCLVOA-10		8260D		10 Bus. Days

T Devers

stored in refr
FRZ #2 & lot # 06 (C)

Relinguished By : [signature]
Date / Time : 12-10-2025 1537

Received By : [signature]
Date / Time : 12-10-25 15:40

Storage Area : VOA Refridgerator Room